



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
## TRADE DEFINITION	S ##				
A PRELIMINARY & GENERAL					
d DEMOLITIONS					
a ALTERATIONS					
E EXCAVATOR					
Q PILING					
C CONCRETE					
F FORMWORK					
R REINFORCEMENT					
p PRECAST CONCRETE					
B BRICKWORK					
b BLOCKWORK					
W WATERPROOFING					
D ROOF TILING					
c CARPENTRY & JOINERY					
f FLOOR COVERINGS					
I IRONMONGERY					
M METALWORK & STRUCTURAL					
n SPECIALIST & INSTALLATIONS					
P PLASTERING					
T TILING					
L PLUMBING & DRAINLAYING					
e ELECTRICAL					
G GLAZING					
V PAINTING					
w WALLPAPER					
s SITEWORKS					
S SUB CONTRACTORS					
N PRIME COST ITEMS					



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## A PRELIMINARY	AND GENERAL ##			## A PRELIMINARY	AND GENERAL ##
1 PRELIMINARY	1 Standard clauses	1 Scope of contract 2 Draw bills etc 3 Contractor provid 4 Local authority			
	2 Setting out 5 Workmanship				
2 FOREMAN	1 Management	1 Surveyor 2 Engineer 3 Foreman 4 Supervisor	1 Senior 2 Average 3 Junior 4 Assistant		
	2 Clerical	1 Clerk 2 Storeman 3 Secretary 4 Typist			
	3 Leading hands	1 Carpenter 2 Bricklayer			
	4 Assistants	1 Tea maker 2 Cleaner			
	8 General	1 Access to work 2 Clerk of works 3 Variations 4 Bill of quantitie 5 Unfixed materials 6 Practical complet 7 Assignment 8 Nominated subs			
3 FEES	1 Insurance	1 Public liability 2 All risk 3 Lateral support 4 Works & risk 5 Insure buildings			
	2 General	1 Date of possessio 2 Penalties 3 Delay 4 Failure by contra 5 Determntn by empl 6 Determ by contrac 7 Prime cost 8 BOQ supplement			
	3 General	1 Provisional bills 2 Availability docs 3 Names of Consulta 4 Scrutiny 5 Meaning of words 6 Performance gara 7 Payment guarantee 8 Waiver of lien			
	4 General	1 Signing powers 2 Tenders 3 Inspection of doc 4 Site boundaries 5 Area of the works 6 Boundry beacons 7 Soil investigatio 8 Viewing of site			
	5 General	1 Existing premises 2 Dimensional accur 3 Patent defects 4 Known services 5 Unknown services 6 Protect trees 7 Articles of value 8 Inspect property			
3 FEES (Continued)	6 General	1 Management 2 Programming 3 Progress 4 Meetings 5 Samples of materi 6 Samples of workma 7 Mock ups 8 Ordering of mater			



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1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
	7 Deposits & fees	1 Fees	1 Watchman 2 Hoarding 3 Sanitary 4 Survey 5 Parking		
		2 Deposit	1 Surety 2 Deposits		
4 HOARDINGS	1 Hoardings	1 Enclose works	1 Hoardings 2 Ready fence 3 Fencing 4 Gates		
		2 Footpaths	1 Footpaths 2 Gantry 3 Platforms		
	2 Advertising				
5 PLANT	1 Mixers 2 Vibrators 3 Dumpers 4 Cranes 5 Mobile cranes 6 Other				
6 EQUIPMENT	1 Tools 2 Equipment 3 Scaffolding				
7 TRANSPORT	1 Cars 2 Trucks 3 Buses 4 General 9 Fuel & oil				
8 OFFICES ETC	1 Offices	1 Offices for works 2 Management 3 Staff 4 Timekeeper 5 Boardroom	1 Office 2 Erect 3 Shift 4 Remove		
	2 Furniture		1 Desks etc		
	3 Equipment		1 Machines		
	4 Consumables	1 Management	1 Stationery 2 Teas ets		
	5 Sheds	1 Sheds for works 2 Shed 3 Cement shed 4 Tool shed 5 Shelters	1 Shed 2 Erect 3 Shift 4 Remove		
		6 Staff	1 Labourers 2 Artisans		
		8 Camps	1 Caravans 2 Ski cabins 3 Camps		
8 OFFICES ETC (Continued)	6 Clerk of works	1 Office for Clerk Works 2 Office 3 Furniture 4 Equipment 5 Consumables	1 Building 1 Desks etc 1 Dumpy level 1 Teas etc.		
	7 Notice boards	1 Architect's board 2 Main boards 3 Information board 4 Sub-contractor bo	1 Architect 2 Owner 3 Consultants 1 Safety 2 Signs		
9 TEMPORARY	1 Water	1 Temporary water			



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division	
SERVICES		supply				
		2 Connection	1 Charges			
		3 Reticulation	1 Piping 2 Maintenance 3 Water tanker 4 Water tanks			
		4 Consumables	1 Hoses			
		5 Consumption	1 Monthly account			
		2 Electrical	1 Temporary electri supply			
			2 Connection	1 Charges		
			3 Reticulation	1 Cables 2 Maintenance 3 Distribution boar 4 Transformers		
			4 Consumables	1 Leads 2 Lights 3 Flood lights		
			5 Consumption	1 Monthly account		
		3 Telephone	1 Telephone			
			2 Installation	1 Charges		
			3 Reticulation	1 Intercoms 2 Radios		
			4 Consumption	1 Monthly rental 2 Calls		
		4 Latrines	1 Latrines			
			2 Installation	1 Ablution blocks 2 Single units		
			3 Reticulation	1 Sanitary plumbing		
			4 Consumables	1 Paper 2 Soap etc 3 Cleaning material		
			5 Consumption	1 Chemical hire 2 Municipal charges		
	9 TEMPORARY SERVICES (Continued)	5 General	1 Cash discount 2 Take delivery of Prime Cost items 3 Nom sub documents 4 Attendance 5 Fuel, power etc 6 Contract price adjustment 7 Payment of P&G 8 Adjust of P&G			
		6 General	1 Certificate payme projection 2 Dayworks 3 Information by contractor			
		7 Protection & safe	1 Protection 2 Protection of exi ing & part occupi			
			3 Safety	1 Safety screens 2 Rails & barricade 3 Cover openings		
			4 Protect adjacent buildings 5 Protective clothi 6 First aid			
8 Security		1 Watching	1 Gate keeper 2 Watchman 3 External security			



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1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
		2 Notice before covering work			
		3 Disturbance			
		-----	-----	-----	-----
	9 Cleaning	1 Rubbish	1 Chutes		
			2 Removal		
		-----	-----	-----	-----
		2 Clean	1 Building		
			2 Sub-contractors		
		-----	-----	-----	-----
		6 Vermin			
		7 Overhand work			
		-----	-----	-----	-----



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
## d DEMOLITIONS ##					## d DEMOLITIONS ##
1 SECTION A	1 Structures	1 Walkways, lean-to etc.			
		2 Out-buildings			
		3 Domestic houses			
		4 Buildings			
	2 Cubic meter items	1 Demolish mass bwk	1 Cart to stockpile	a For openings	
		2 Demolish mass con	2 Cart & overhaul		
		3 Demolish reinf co	3 Cart away		
		4 Demolish precast c			
	3 Square meter item	1 Demolish brickwor	1 HB wall	a For openings	
			2 OB wall		
			3 Cav B wall		
			4 1-1/2B wall		
			5 2B wall		
		2 Demolish mass concrete	1 Surface bed 50mm		
			2 Surface bed 75mm		
		3 Demolish reinf concrete	1 Slab xxxmm thick		
		4 Tarmac paving	1 Thick		
		5 Paving slabs	1 Thick		
	4 Linear meter item	1 Demolish brickwor	1 BOE kerb 115mm high		
		2 Demolish mass concrete	1 Kerb size 75x150m		
			2 Kerb size 125x300		
		3 Demolish precast concrete	1 Kerb size 75x150m		
			2 Kerb size 125x300		
	5 Number items	1 Demolish brickwor	1 Pedestal size 300x300x600mm hig		
		2 Demolish mass con	2 Steps size		
		5 Demolish timber	2 Steps size		
			3 Stair size		
2 SECTION B	1 Structures				
	2 Cubic meter items	1 Demolish mass bwk			
		2 Demolish mass con			
		3 Demolish reinf co			
		4 Demolish prec con			
	3 Square meter item	1 Demolish brickwor	1 HB wall		
			2 OB wall		
			3 Cav B wall		
			4 1-1/2B wall		
			5 2B wall		
		2 Demolish mass concrete	1 Surface bed xx mm		
			2 Surface bed yy mm		
		3 Demolish reinf concrete	1 Slab xxx mm thick		
			2 Slab yyy mm thick		
	4 Linear meter item				
	5 Number items				



CCS SUGGESTED STANDARD OF CODES

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## a ALTERATIONS ##				## a ALTERATIONS ##	
1 SECTION A	2 Cubic meter items				
	3 Square meter item	1 Hack up/off & rem 2 Prepare only surf (in-situ finishe	1 External floor 2 Internal floor 3 External wall 4 Internal wall 5 External ceiling 6 Internal ceiling 7 Roofs	a Screeds b Grano c Terrazzo d Plaster e Tiles f Skim	a and prepare b and chip c and scabble
		3 Take up/off & rem 4 Take up/off & set aside for re-use 5 Take up/off & han to owner (other finishes)		a Paving slabs b Brick paving c Carpets d Sheet/tile fin e Suspended floor f Wall paper	a and prepare b and supports
	4 Linear meter item	1 Hack up/off & rem 2 Prepare only surf (in-situ finishe	1 External floor 2 Internal floor 3 External wall 4 Internal wall 5 External ceiling 6 Internal ceiling 7 Roofs etc	a Screeds b Grano c Terrazzo d Plaster e Tiles	a and prepare b and chip c and scabble
		3 Take up/off & rem 4 Take up/off & set aside for re-use 5 Take up/off & han to owner (other finishes)		a Precast kerb b Brick kerbs c Cornices d Skirtings e Fascias f Gutters g Downpipes	a and prepare b and supports c to openings
	5 Doors & frames	1 Take off & remove 2 Take off & set as 3 Take off & hand o	1 Doors flush 2 Doors semi solid 3 Doors solid core 4 Doors solid hrdwo 5 Doors glazed 6 Shutters	a Single b Double c Size	
		4 Take out and remo	1 Timber door frame 2 Steel door frames 3 Alum door frames 4 Timber windows 5 Steel windows	a Single b Double c Sliding d Size	a from HBW b from OBW c from cav wall d from 1-1/2BW e from 2BW
	6 Number items	1 Take out & remove 2 Take out & re-use 3 Take out & hand o	1 Small fittings 3 Joinery fittings 5 Sanitary fittings		
	7 Break or form openings	1 1/2 B wall 2 1 B wall 3 Cavity wall	1 Single door size 2 Double door size 3 Door size		
	8 Alter existing	4 1-1/2B wall 5 2 B wall	4 Window size		
	9 Sundries	1 Sand exist floors 2 Fasten roof screw 5 Clean bricks			
2 SECTION B	2 Cubic meter items				
	3 Square meter item	1 Take off & remove			
	4 Linear meter item	1 Take off site & k			
	5 Number items	1 Take off & remove			
	7 Alter existing openings	1 1/2 B wall 2 1 B wall	1 Door size 2 Door size		



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## E EXCAVATOR ##					## E EXCAVATOR ##
1 CLEAR SITE DEMOLITIONS REDUCE LEVELS ETC	1 Strip soil	1 Depth: ne 50mm 2 ne 100mm 3 ne 150mm 4 ne 200mm	1 Cart to spoil 2 Remove from site 3 For reuse		
	2 Remove roots	1 Tree stumps 2 Trees 3 Hedges	1 Diameter: ne 200m 2 ne 400m 3 ne 800m 4 ne 1.2m		
	3 Demolitions	1 Buildings 2 Fences 3 Concrete slabs 4 Drains			
	4 Reduce level m2	1 Below: NGL 2 basement 3 formation 4 open face	1 Depth: ne 50mm 2 ne 100mm 3 ne 150mm 4 ne 200mm		
2 BULK EXCAVATION	1 Generally	1 Generally	1 Below: NGL	a deposit 0.5 km	
	2 Depth: ne 2m	2 Open face	2 reduced le		
	3 ne 4m	3 Basement	3 formation		
	4 ne 6m	4 Ramp	4 basement		
	5 ne 8m	5 Reduced level	5 open face		
	6 ne 10m	6 Pit 7 Lift pit			
3 TRENCH EXCAVATION		1 Generally 2 Footings 3 Strap beams 4 Ground beams 5 Duct trenches 6 Cable trenches 7 Channels 8 Thickenings			
4 BASE EXCAVATION		1 Machine bases 2 Lift pit 3 Column bases 4 Pile caps 6 Machine bases 7 Sumps 8 Underpinning			
5 WORKING SPACE	1 No backfill	1 Depth: ne 500mm	1 Generally NGL	a Against struct.	
	2 In-situ backfill	2 ne 1.5m	2 Open face	b 300 away from	
	3 Imported backfill	3 ne 3.0m	3 Basement	c 600 away from	
	4 Sand backfill	4 ne 4.5m	4 Bases	d ... away from	
	5 C/a & imprt b/fill		5 Ground beams		
	6 C/a & sand b/fill				
6 EXTRA OVER	1 Reduced levels	1 Soft rock 2 Intermediate mate 3 Hard rock 4 Hard rock blasted	1 Generally 2 Red.level m2	a 50mm deep b 100mm deep c 150mm deep	
	2 Bulk excavation	5 Mass concrete 6 Reinforced concre 7 Brickwork	1 Generally 2 Open face 3 Ramp 4 Basement 5 Reduced level m3 6 Pit 7 Lift/serv. pit		
	3 Trench excavation		1 Generally 2 Footings 4 Ground beams 5 Pipe trenches 6 Cable trenches		
6 EXTRA OVER (Continued)	4 Base excavation	1 Soft rock 2 Intermediate mate 3 Hard rock 4 Hard rock blasted 5 Mass concrete 6 Reinforced concre 7 Brickwork	1 Generally 2 Machine base 3 Lift pit 4 Column base 5 Pile cap 6 Sumps		
	6 Working Space		1 Generally 2 Depth: ne 500mm 3 ne 1.5m 4 ne 3.0m	a Against struct. b ... away from c ... away from	
7 RISK OF	1 Generally	1 Depth: ne 1.5m	1 Generally		



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COLLAPSE		2 ex 1.5m			
	2 Bulk excavation	1 Depth: ne 1.5m 2 ne 3.0m	1 Generally 2 Open face 3 Ramp 4 Basement 5 Reduced levels 6 Pit	a Below red level	
	3 Trench excavation		1 Generally 2 Footings 3 Ground beams 4 Duct trenches 5 Cable trenches 6 Ret wall bases		
	4 Base excavation		1 Generally 2 Column bases 3 Pile caps 4 Lift pit 5 Sumps 6 Machine bases 9 Underpinning		
	6 Working Space	1 Depth: ne 500mm 2 ne 1.5m 3 ne 3.0m 4 ne 4.5m	1 300mm away from structure		
	7 Trimming				
	8 SUNDRIES & FILLING	1 Generally	1 De-water 2 Cart away 3 Thicken out 4 Trim edges 5 Rip & scarify 6 Compact 7 Geotextile filter fabrics 8 Rock anchors	1 Generally 2 Well pointing 1 Deposit on site 2 Cart and deposit 3 Cart away 1 Below: NGL 2 reduced le 3 formation 4 basement 1 Generally 2 And compact 3 compact 95% 4 compact 98% 6 Stab 5% cement an compact 98% 1 Generally 1 Under pavings 5 Around pipes 1 General m3 2 Thickness: ne 50 3 ne 100 4 ne 150 5 ne 200 6 ne 250 9 Extra overhaul	a Overhaul 0.5km b Overhaul 1km a 100mm deep b 150mm deep c 200mm deep a 100mm deep a Type a compact b compact 95% c compact 98%
2 Filling					
3 Filling from exca		1 Over site	1 General m3	a compact	
4 Fill carted on		2 Under floors	2 Thickness: ne 50	b compact 95%	
5 Sand filling		3 Under roads	3 ne 100	c compact 98%	
6 Garden soil		4 To falls	4 ne 150		
7 Imp garden soil		5 Behind walls	5 ne 200		
		6 Trenches, holes	6 ne 250		
	7 Steps	9 Extra overhaul			
	8 Flower boxes				
	8 Sub base	1 Hardcore 2 Gravel 3 Sub grade materia 4 Crusher dust mat 5 Crusher run mat 6 Sub base material	1 Over site 2 Under floors 3 Under roads	a General m3 b 50mm thick c 100mm thick d 150mm thick e 250mm thick	a compact b compact 95% c compact 98%
	9 Base course	1 Laterite gravel 2 Crusher run mater 3 Sub base material 4 Base course mater	2 Under floors 3 Under roads		
9 TESTS & SUNDRIES	1 Compaction tests				
	2 Sundries	1 Grass planting	1 Grass type	a Over site b Embankments c Sports fields	a Sods b Runners c Seed



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		2 Insecticides	1 Under floors		
		3 Weed killers	2 Foundation walls		
			5 Form dished chan.		
	3 Stone filling	1 Thickness	1 Generally		
	4 Stone packing		2 Walls		
			3 Embankments		
			4 Flower boxes		
	5 Gabions				
	6 Geotextiles	1 Type	1 Description		



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## Q PILING ##					## Q PILING ##
1 ESTABLISHMENT AND MOVING	1 Site set up	1 Site set up 2 Transport			
	2 Moving	1 Type	1 Number of times		
2 DRILLING	1 Tons	1 Diameter	1 Depth: 0-6m 2 0-9m 3 0-12m 4 0-15m 5 0-18m		
3 EXTRA OVER	1 Fittings	1 Diameter	1 Socket		
	2 Material	1 Refuse 2 Silt 3 Under reaming 4 Below water table	1 Diameter		
4 TEMPORARY CASING	1 Normal 2 Lining		1 Diameter		
5 BACKFILL ETC	1 Backfill	1 Material	1 Diameter		
	2 Cart away	1 To spoil 2 From site			
	3 De-water				
6 CONCRETE	1 Reinforced	1 Mix	1 Diameter		
	6 Extra over	1 Below water table	1 Diameter		
	7 Cut off piles	1 Diameter	1 Level		
7 FORMWORK	1 General	1 Diameter			
8 REINFORCEMENT	1 Mild steel 2 HT steel	1 Diameter: 8mm 2 10mm 3 12mm	1 Straight 2 Vertical 3 Curved 4 Helical		
9 SUNDRIES & TESTING	1 Inspection	1 Standing time 2 Detect			
	2 Testing	1 Diameter	1 Kn		



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		8 Surface beds	1 Generall 2 Paving 3 Ramps 4 Steps 5 Raisings 6 Thickenings 8 Channels 9 Plinths	a on waterproofing b edge	 a Size
		9 Sundries	1 Kerbs 2 Machine bases 3 Fill cavity 4 Fill opening 5 Cast against horizontal softro 6 Cast against vertical softrock 7 Cast against horizontal hardro 8 Cast against vertical hardrock	-----	-----
7 PROPRIETARY SYSTEMS	1 Ribbed slabs	1 T-Beams	1 Length: 3.0m 2 4.5m	-----	-----
		4 Exposed end	1 Size	-----	-----
		5 Stop end	1 Size	-----	-----
	2 Rib and filler block	1 Filling 2 Block size	1 Thickness 1 Plain 2 Solid end	-----	-----
8 SUNDRIES	1 Strike off & cure	1 General surfaces 2 Surface beds 3 Pavings 4 Ramps 5 Gradings 6 Raisings 7 Extra over 8 Topping slabs	1 General 2 Broom 3 Ribbed 4 Wood float 5 Steel float 6 Power float	a Generally b to falls c cross falls d in panels e small quant.	a hardener
	2 Miscellaneous	1 Splay top 2 Bagged 3 Rubbed 4 Hack to form key	1 Square 2 Lineal 1 Walls 2 Columns 3 Beams 4 Soffits 5 Ends 6 Narrow widths 7 Lineal	-----	-----
		9 Grout	1 Square 2 Under baseplates 3 Lineal 4 Number	a Type	-----
8 SUNDRIES (Continued)	3 Leave or form	1 Grooves	1 Straight flashing 2 Stepped flashing	-----	-----
		2 Channels	1 Size 2 Segmental size	-----	-----
		3 Holes	1 Diameter	-----	-----
	4 Hack	1 Grooves	1 Straight flashing 2 Stepped flashing 5 Sinking	-----	-----
	5 Saw cuts	1 width	1 Depth	-----	-----
	6 Mortices etc	1 Mortice & pinning 2 Cast in angle	1 Embed 1 Size	a Exact position	-----
		3 Cast in bolt	1 Single 2 Set of 2 3 Set of 4	a Hole formwork	-----
		4 Cast in U bolt	1 Single	-----	-----
		5 Large unit	-----	-----	-----
		6 Hoop iron	1 To column	a Shot fired	-----



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	7 PVC Sleeves	1 50mm	1 ne 150mm long		
	8 Expanded metal sleeves	2 50mm - 100mm 3 100mm - 200mm	2 150mm - 300mm 3 300mm - 450mm 4 450mm - 600mm		
	9 Tests	1 Cubes	1 Single 2 Set of 3		
		2 Structure			
9 SPECIAL FINISHES	1 Wire brush 2 Sand blast 3 Bush hammer 4 Scabble	1 Walls 2 Columns 3 Beams 4 Soffits 5 Ends 6 Narrow widths 7 Lineal	1 General 2 Circular 3 Size		
	8 Sample panel	1 Wall	1 Size		



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1st Division		2nd Division	3rd Division	4th Division	5th Division	6th Division	
##	F FORMWORK	##				##	F FORMWORK
1	ROUGH	1 Foundations	1 Filling	1 Generally	a circular ne 1m		
2	GENERAL		2 Steppings	2 One side	b circular ex 1m		
3	SEMI SMOOTH		3 Underpinning	3 Inner face	c soffit		
4	SMOOTH		4 Footings	4 Outer face			
			5 Bases	5 Against existing			
			6 Pile caps	6 Against ground			
			7 Ground beams	7 Raking			
				8 Retaining			

			8 Ducts/chan & pits	1 Duct	a Base		
				2 Chanel	b Wall		
				3 Pit			
				4 Lift pit			
				5 Manhole			
				6 Sump			

			9 Miscellaneous				

		2 Walls	1 Retaining walls	1 Generally	a Generally	a circular ne 2m	
			2 Basement walls	2 One side	b Height: ne 4.5m	b circular ex 2m	
			3 Sump walls	3 Inner face	c 4.5- 6.0m	c Raking	
			4 Walls	4 Outer face	d 6.0- 7.5m	d Flewing	
			5 Shaft walls	5 Against existing	e 7.5- 9.0m		
			6 Core walls	6 Against ground	f 9.0-10.5m		
			7 Balustrades	7 Raking	g 10.5-12.0m		
			8 Parapet	8 Battered	h 12.0-13.5m		
			9 Ends of wall	9 Dwarf	m in foundations		

		3 Columns	1 Columns	1 Generally	a Generally		
			2 Stub columns	2 One side	b Height: ne 4.5m		
			3 Rectangular colum	3 Two side	c 4.5- 6.0m		
			4 L shaped columns	4 Three side	d 6.0- 7.5m		
			5 T shaped columns	5 Against existing	e 7.5- 9.0m		
			6 Shaped columns	6 Against ground	f 9.0-10.5m		
			7 Irregular columns		g 10.5-12.0m		

			8 Piers etc	1 Fins	h 12.0-13.5m		
				2 Mullions	m in foundations		
				3 Piers			

		4 Beams	1 Sides	1 Beams	a Generally	a circular ne 1m	
				2 Upstand/inverted	b Exceeding 1m	b circular ex 1m	
				3 Wall beams	deep	c flewing	
				4 Cantilever beams	c Against exist		
				5 Spandril beams			
				6 Raking beams	m Inverted	f Inverted	
				7 Isolated beams	n Above concrete		
				8 Eaves beams	p Shaped		
				9 Lintels			

			2 Soffits	1 Beams	a Generally	a circular ne 1m	
			3 Sides & soffits	2 Upstand/inverted	b Height: ne 1.5m	b circular ex 1m	
				3 Wall beams	c ne 4.5m	c ex 1m deep	
				4 Cantilever beams	d 4.5- 7.5m		
				5 Spandril beams	e 7.5-10.5m		
				6 Raking beams	f 10.5-13.5m		
				7 Isolated beams	g 13.5-16.5m		
				8 Eaves beams	h 16.5-19.5m		
				9 Lintels			

			4 Encase steel	1 RSJ	a Square metres		
				2 Beam			
				3 Hanger			

		5 Slabs	1 Slabs	1 Generally	a Generally	a circular ne 1m	
			2 Cantilever	2 Thickness: 200-40	b Height: ne 1.5m	b circular ex 1m	
			3 Slabs over shafts	3 400-60	c ne 4.5m	c flewing	
			4 Hood slabs	4 600-80	d 4.5- 7.5m		
			5 Sloping slab	5 Outer edge	e 7.5-10.5m		
			6 Ribbed slab		f 10.5-13.5m		
			7 Hollow block slab		g 13.5-16.5m		
			8 Canopy		h 16.5-19.5m		
			9 Cupboard slab				

1	ROUGH	6 Stairs etc	1 Landings				
2	GENERAL		2 Landings & soffit				
3	SEMI SMOOTH		3 Raking soffits				
4	SMOOTH		4 Sloping soffits				
			5 Flewing soffits				
			6 Edges				
			7 Ends of slab				
			9 Steps in soffits				

		7 Sundries	1 Sides	1 Ramps			
				2 Steps			



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			3 Kerbs 4 Machine bases 5 Raisings 6 Stoolings 7 Stairs		
		2 Soffits	1 Duct slabs 2 Temporary opening		
7 SUNDRIES	1 Ends 2 Sides	1 Walls 2 Beams 3 Slabs 4 Margins 5 Steps in soffits 6 Exp joggle joints	1 Width: ne 150mm 2 ne 300mm 3 Spayed ne 150mm 4 ne 300mm	a Generally b Height: ne 4.5m c 4.5- 6.0m d 6.0- 7.5m e 7.5- 9.0m f 9.0-10.5m g 10.5-12.0m h 12.0-13.5m	a circular ne 1m b circular ex 1m
	3 Edges	1 Edge 2 Riser 3 Frogged joint 4 Step in slab 5 Step in soffit	1 Width: ne 150mm 2 ne 300mm	a Generally b Raking c Undercut d Splayed	a circular ne 1m b circular ex 1m
	4 Soffits	1 Margin: 150mm 2 300mm 3 Wall : 150mm 4 300mm	1 Generally 2 Thickness: 200-40 3 400-60 4 600-80	a Generally b Height: ne 1.5m c ne 4.5m d 4.5- 7.5m e 7.5-10.5m f 10.5-13.5m g 13.5-16.5m h 16.5-19.5m	a circular ne 1m b circular ex 1m c flewing
	5 Stairs etc	1 Straight 2 Raking 3 Stepped 4 Raking stepped	1 Inner edge 2 Outer edge	a Width: ne 150mm b ne 300mm	
	6 Openings	1 Thickness : 50mm 2 100mm 3 150mm 4 300mm	1 Size : ne .500m2 ne 1.000m2 ne 2.000m2		
	7 Box in	1 Straight 2 Horizontal 3 Vertical 4 Raking 5 Stepped 6 Splayed 7 Number items	1 Generally 2 Chamfer 3 Splay 4 Rebate 5 Groove 6 Recess 7 Opening 8 Sinking	a Size	a circular ne 1m b circular ex 1m c flewing
	8 Box out	1 Straight 2 Horizontal 3 Vertical 4 Raking 5 Stepped 6 No items	1 Projection 2 Nib	a Size	
	9 Circular columns	1 Rough 2 General 3 Semi-smooth 4 Smooth	1 Diameter 2 Diameter 3 Diameter	a Height m in foundations	
8 PROPRIETARY FORMWORK	1 Steel	1 Soffit 2 Propping	1 Thickness		
	2 Troughed	1 Soffit 2 Ribs 3 Propping	1 Thickness		
	3 Coffered	1 Type 800x200 2 Type 800x300 3 Type 800x325 4 Type 800x400 5 Type 900x225 6 Type 900x325 7 Type 900x425	1 Soffit 2 Adjoining surface 3 Propping 4 Propping 5 Coffers	a Generally b Thick 200-400mm c Thick 400-600mm d Thick 600-800mm	a Height Normal b ne 1.5m c ne 4.5m d 4.5-7.5m e 7.5-10.5m
	4 Permanent formwor				
	5 Back shutter	1 Slabs 2 Beams	1 Generally 2 Sides	a Straight b Raking	
	6 Cutting	1 Cutting and waste 2 Cut and fit	1 Raking 2 Circular 3 Treads of stairs		



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
		5 Holes	1 Diameter		
9 JOINTS	1 Joints	1 Floor 2 Wall 3 Slab	1 Square metre 2 Width: ne 150mm 3 ne 300mm	a with slurry b with lime	
	2 Bituminous paper 3 Polystyrene (EPS) 4 Impregnated soft-board 5 Plastic foam stri	1 Thickness: 6mm 2 10mm 3 12mm 4 18mm 5 25mm		a Size	



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
## R REINFORCEMENT	##			## R REINFORCEMENT	##
1 MILD STEEL	1 Diameter: 8mm	1 Generally	1 per ton	a Generally	
2 HIGH TENSILE STEEL	2 10mm	2 Lengths: ne 13m	2 per kg	b Non structural	
	3 12mm	3 ne 18m	3 extra over (eng)	c Circular	
	4 16mm	4 ne 19m		d Helical	
	5 20mm	5 ne 20m			
	6 25mm	6 ne 21m			
	7 32mm	7 ne 22m			
-----	-----	-----	-----	-----	-----
3 ALL TYPE RODS	1 All diameters	1 All lengths	1 Generally		
-----	-----	-----	-----	-----	-----
4 MESH	1 Square mesh	1 Reference: 100	1 Generally	a Galvanised	
		2 193	2 In footings		
		3 245	3 In surface beds		
		4 311	4 In slabs		
		5 395			
		6 500			
		7 617			
		8 746			
		9 888			
	2 Design mesh	1 Reference: 289		a Galvanised	
		2 341			
		3 433			
		4 517			
		5 655			
		6 772			
		7 943			
		8 1085			
	3 Longitudinal mesh	1 Reference: 133	1 Generally	a Galvanised	
		2 226			
		3 278			
	4 Special mesh	1 Reference: 156	1 Generally	a Galvanised	
		2 200			
-----	-----	-----	-----	-----	-----
5 SPECIAL REINFORCEMENT	1 Rolled steel section	1 RSJ			
	2 Rails	2 Angles			
-----	-----	-----	-----	-----	-----
6 SUNDRIES	1 Spacers & blocks				
	2 Chairs				
	3 Sundry rods	1 8mm	1 In conc lintols		
		2 10mm	2 In brick lintols		
-----	-----	-----	-----	-----	-----
7 SPLICES					
-----	-----	-----	-----	-----	-----
8 TANG BARS					
-----	-----	-----	-----	-----	-----
9 PRESTRESSING	1 Post tension	1 Applied Force	1 Generally		
	2 Pre tension				
-----	-----	-----	-----	-----	-----



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division	
## p PRECAST	CONCRETE ##			## p PRECAST	CONCRETE ##	
1 PAVINGS	1 Slabs	1 Size	1 On: sand 2 mortar 3 cyanide sand			
		6 Cutting	1 Raking 2 Circular			
		9 Sundries	1 Cut and fit 2 Form opening			
	2 Interlocking bloc	1 60mm 2 100mm	1 On: sand 2 mortar 3 cyanide sand			
		9 Sundries	1 Cut and fit 2 Form opening			
		3 Kerbs	1 Size: 75x150 2 150x300	1 Straight 2 Circular: ex 300 3 ne 300		
	4 Kerb and chanel	1 Size : 2 V channel				
		5 Channels	1 Size: 300x75 2 450x150 3 500x200 4 600x600 V			
	2 BLOCK WALLS (decorative)	1 Grille block wall	1 Type	4 Stop end 5 Angle 6 T intersect 7 Dished end		
			7 Window blocks	1 Winblock 2 Sundries		
3 FLOOR SLABS	1 Floor slabs	1 Beam & block	1 depths			
		2 Proprietary syste	1 depths			
4 LINTELS COPINGS & SILLS	1 Lintels	1 Reinforced	1 Size: 90x90 3 140x90 5 190x90			
		2 Prestressed	1 Size: 75x115 2 75x150 3 Half brick wall 4 One brick wall 5 Cavity wall 6 1-1/2 Brick wall			
	2 Coping	1 Size	1 Coping 2 Circular 3 Stop end 4 Angle 5 T-intersect			
		3 Sills	1 Type	1 Size		
5 PRECAST MODULAR WALL UNITS	1 Concrete - plain 2 Concrete -decor't 3 GRC	1 External wall pan 2 Internal wall pan	1 Size:			
		8 Mouldings	1 Type			
6 PRECAST BUILDING ELEMENTS						



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
7 BALUSTRADE	1 Type	1 Top rail 2 Bottom rail 5 Standard	1 Type	a Raking b Circular	
	4 Labours	1 Top rail	1 Mitre intersect 2 Splay intersect		
	5 Dowels	1 Between units 2 Between units & c	1 Size		
8 BUILDINGS	1 Toilets	1 Mono box 2 Post and panel	1 Single 2 Double		
	2 Garages	1 Mono box 2 Post and panel	1 Single 2 Double		
9 SUNDRIES	1 Concrete				
	3 Brickwork				
	5 Plaster	1 Masks 4 Decorations	1 Type		



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
## B BRICKWORK	##				## B BRICKWORK ##
1 STOCK CLAY	Foundations	1 Mass	1 Irregular mass	a .. bricks gi.	
2 CALCIUM SILIC	1 Lime		2 Piers		
3 STOCK CEMENT	2 5:1 Cement		3 Pilasters		
4 ENGINEERING	3 4:1 Cement		4 Project		
5 ENGLISH (LB)	Superstructure		5 Breasts		
	4 Lime		6 Stacks		
	5 5:1 Cement		7 Underpinning		
	6 4:1 Cement				

		2 Brick on edge	1 Generally	a general	a circular ne 2m
		3 Half brick	2 Against waterpr.	b Away from	b circular ex 2m
		4 One brick	3 Beamfill	c Against DPC	c in three skins
		5 Cavity brick	4 Gable	d Concrete fill	
		6 Cavity brick	5 Parapet	e No ties	
		7 1-1/2 brick	6 Linings to concre	f With ties	
		8 Two brick	7 Lintels	g Cut bricks	
			8 Underpinning	h To baths	
			9 Brick up openings	i Dwarf	

		9 Lineal	1 Brick on edge	a Height: 75mm	m in repairs
			2 Half brick	b 150mm	
			3 One brick	c 300mm	
				d 400mm	

6 SUNDRIES	1 Lintels	1 Reinforced	1 Size: 90x90	a Lintels	
			3 140x90		
			5 190x90		

		2 Prestressed	1 Size: 75x115		
			2 75x150		

	2 Reinforcement	1 Ref 1	1 75mm		
		2 Ref 2	2 115mm		
		3 Ref 3	3 200mm		

		6 MS rod	1 8mm		

	3 m2 items	1 Cutting	1 Splay		
			2 Raking		
			3 Stepped		
			4 Circular		
			5 Cut, tooth & bond		

		2 Finish	1 Bagging	a Brick walls	
			2 Cement wash	b Concrete walls	
				c Concrete soffit	

			3 Fair face	a Flush joints	
			4 Battered	b Flush vert jnts	
			5 Oversailing	c Raked roints	
			6 Prepare		

		3 Bed	1 Sheeting		
			2 Grout		

		4 Dub out	4 Recessed face	a in foundations	

	4 Lineal items	1 Cutting	1 Fair rake	a in foundations	
			2 Squint Quoin	b existing	
			3 Groove		
			4 Flash		
			5 Step flashing		
			6 Wedge & point		

			7 Chase	a Size	a raking
			8 Chase recess	b Size	b horizontal
				c Size	c vertical

		2 Bed	1 Wall plate		

		3 Cavity	1 Jamb	a Width: 50mm	
			2 Sill	b 80mm	
			3 Sill 2 courses	c 150mm	
			4 Head		
			5 Head 2 courses	f Raking	

6 SUNDRIES (Continued)	4 Lineal	4 Triangular fillin	1 Width: 50mm		
			2 80mm		
			3 150mm		

			4 Jamb filling	a Width : 115mm	
			5 Repair	b 150mm	
				c 230mm	

		5 Cills	1 Brick on edge cil	d 280mm	
			2 BOE capping		



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
		6 Corbel out	1 One course 2 Two course		
	5 Number	1 Openings	1 Weep hole		
			2 Brick on edge 3 Half brick 4 One brick 5 Cavity wall 6 1-1/2 brick wall 7 Two brick	a Vent b Size m Strongr. vent	
		2 Recess	1 Distribution board 2 Nitch	a metal lathing	
		3 Arch	1 Circular brick on edge 2 Circular HBW 3 Circular OBW 4 Circular cavity	a diameter	
		4 Build in sundries 5 Cut and pin	1 Bolts etc. 2 Roof timber	a ne 150mm deep b ne 150mm deep c incl carbolin d through top	
	6 Build in doors	1 Wood frame 2 Door lining 3 Angle frame 4 Steel door 5 Transformer door 6 Lift door 7 Record room door	1 ne 2.5m2 2 ne 5.0m2 3 ne 7.5m2 4 ne 10.0m2 5 ne 12.5m2 6 ne 15.0m2 7 ne 17.5m2 8 ne 20.0m2		
		9 Safe	1 Mass	a Ground floor	
	7 Build in	1 Wooden window 2 Steel window 3 Aluminium window	1 ne 2.5m2 2 ne 5.0m2 3 ne 7.5m2 4 ne 10.0m2 5 ne 12.5m2 6 ne 15.0m2 7 ne 17.5m2	a coupled b door & window	
		6 Fire place	1 Build in		
	8 Pointing	1 Mastic 2 Butyl rubber 3 Silicone 4 Polysulfide 5 Acrylic	1 Size	a Wood b Steel c Aluminium	
	9 Sundry	1 Roof/wall tie	1 Wire 2 Hoop iron		
		2 Door anchor	1 Hoop iron 2 Ceramic		
		3 Vents	1 Gypsum 2 Plaster 3 Terra cotta 4 Air brick 5 Gable	a Size	a Set of ...
7 FACINGS	1 Smooth 2 Rustic 3 Rock face	1 Extra over: Stock 2 calci 3 cemen 4 engin 5 Engli	1 Stretcher 2 Construction joint 3 Guard wall 4 Vertical 5 Soldier	a Generally b Circular ne 2m c Circular ex 2m	a in foundations b with ties m in repairs
		6 Labour & material	1 Brick on edge wall 2 Half brick wall 3 Screen wall 5 Straight joint	a circular ne 2m b circular ex 2m	
		7 Lineal	1 Fair cut 2 Fair rake cut 3 Fair splay cut 4 Fair circular cut 5 Bird mouth 6 Soldier course 7 Projecting margin 8 Projecting band	a circular ne 2m b circular ex 2m	
		8 Copings	1 Brick on edge coping	a Width 115mm b Width 230mm	a circular ne 2m b circular ex 2m



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
			2 Raking coping 3 Projecting coping	c Width 280mm	c fair end f angle
		9 Cills	1 Level brick on fl 2 Level brick on ed 3 Slope brick on fl 4 Slope brick on ed	a Width 115mm b Width 230mm c Width 300mm	a bull nozed
	8 Screen walls	1 Concrete block 2 Terracotta block			
	9 Glass blocks				
8 PAVINGS	1 50mm Pave 2 75mm Pave	1 Brick on flat 2 Brick on edge	1 Straight 2 Stetcher 3 Basket 4 Herring bone	a general b to falls c cross falls d ramps	a general b on sand c on mortar
			5 Sub floor		
		7 Lineal	1 Fair cut 2 Fair rake cut 3 Fair circular cut 4 Point edge 5 Brick on edge	a circular ne 2m b circular ex 2m c Fair end d Angle e Intersection	
		8 Risers	1 Brick on flat ris		
		9 Treads	1 Brick on flat tre 2 Brick on edge tre 3 Cut & fit		
9 SUNDRIES	1 Expansion joint	1 Impregnated softb 2 Impreg polyethyle foam strip 3 Polystyrene	1 Size	a horizontal b vertical	
	2 Asbestos	1 Grey cill	1 Width: 150mm 2 175mm	a set level b set sloping	
	3 Quarry tile	1 Paving 1 Cill	1 Thickness: 25mm 1 Width: 150mm 2 175mm	a set level b set sloping	



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division		
## b BLOCKWORK ##					## b BLOCKWORK ##		
1 BLOCK TYPE	Foundations 1 6:1 Lime 2 5:1 Lime 3 4:1 Lime Superstructure 4 6:1 Lime 5 5:1 Lime 6 4:1 Lime	1 Mass	1 Irregular mass 2 Piers 3 Pilasters 4 Projections 5 Breasts 6 Stacks 7 Underpinning	a ... Blocks gi. d Concrete filled			
		2 Width: 90mm 3 140mm 4 190mm 5 230mm cav 6 ...mm cav 7 360mm 8 Two block	1 Generally 2 Against waterpr. 3 Beamfill 4 Gable 5 Parapet 6 Linings to concre 7 Lintels 8 Underpinning 9 Brick up exist op	a general b away from c against DPC d concrete fill e no ties f with ties g against exist.	a circular ne 2m b circular ex 2m c location		
		9 Lineal	1 Width: 90mm 2 140mm 3 190mm	a Height: 75mm b 150mm c 300mm			
		7 Specials	2 Width: 90mm 3 140mm 4 190mm 5 230mm cav 8 Two block	1 Angle 2 Tee			
		6 SUNDRIES	1 Lintels 2 Reinforcing 3 m2 items 4 Lineal	1 Reinforced	1 Size: 90x90 3 140x90 5 190x90		
				2 Prestressed	1 Size: 75x115 2 75x150		
				1 Ref 1 2 Ref 2 3 Ref 3	1 75mm 2 115mm 3 200mm		
				6 MS rod	1 8mm		
				1 Cutting	1 Splay 2 Raking 3 Stepped 4 Circular 5 Cut, tooth & bond		
				2 Finish	1 Bag 2 Cement wash 3 Fair face	a Brick walls b Concrete walls c Concrete soffit	
				3 Bed	1 Sheeting 5 Grout		
				1 Cutting	1 Fair rake 2 45 degree block 3 Groove 4 Flashing 5 Stepped flashing 6 Wedge & point	a in foundations b existing	
				2 Bed	1 Wall plate		
				3 Cavity	1 Jamb block 2 Cill block 5 Close cavity	f Raking	
4 Triangular finish	1 50mm						
5 Cills	1 Capp cill 2 BOE capping						
6 SUNDRIES (Continued)	5 Number			1 Openings	1 Weep hole 2 Width: 90mm 3 140mm 4 190mm 5 230mm cavi 6 Two block	a Vent b Size m Strongr. vent	
				2 Recess	1 Distribution boar	a metal lathing	



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
			2 Niche		
		3 Arch	1 Circular: 90mm 2 140mm 3 190mm 4 cavity	a diameter	
		4 Build in sundries 5 Cut & pin	1 Bolts etc. 2 Roof timbers	a ne 150mm b ne 300mm c incl. carbol. d through top	
	6 Build in doors	1 Wooden frame 2 Door liner 3 Angle frame 4 Steel door 5 Transformer door 6 Lift door 7 Angle frame 8 Record door	1 ne 2.5m2 2 ne 5.0m2 3 ne 7.5m2 4 ne 10.0m2 5 ne 12.5m2 6 ne 15.0m2 7 ne 17.5m2 8 ne 20.0m2		
		9 Safe	1 Weight	a Ground floor	
	7 Build in windows	1 Wood windows 2 Steel windows 3 Aluminium windows 4 Gate post	1 ne 2.5m2 2 ne 5.0m2 3 ne 7.5m2 4 ne 10.0m2 5 ne 12.5m2 6 ne 15.0m2 7 ne 17.5m2 8 ne 20.0m2	a coupled b door & window	
		6 Fire place	1 Build in		
	8 Point	1 Mastic 2 Butyl 3 Silicone 4 Polysulf	1 Size	a Wood b Steel c Aluminium	
	9 Sundry	1 Roof/wall tie	1 Wire 2 Hoop iron		
		2 Door anchor	1 Hoop iron 2 Ceramic		
		3 Vents	1 Gypsum 2 Plaster 3 Terra cotta 4 Air brick	a Size	a set of ...
7 FACINGS (Overleaf)					
7 FACINGS	1 Smooth 2 Rustic 3	1 Grey 2 Yellow 3 Biscuit 4 Brown	1 Stetcher 2 Const'n joints 3 Gard wall 4 Vertical	a Generally b Circular ne 2m c Circular ex 2m	a in foundations b with ties m in repairs
		6 Labour & material	1 90mm wall 2 140m wall 3 Screen wall 5 Straight joint	a circular ne 2m	
		7 Lineal	1 Fair cut 2 Fair rake cut 3 Fair splay cut 4 Fair circular cut 5 45 degree angle 6 Soldier course 7 Top course 8 Bot course	a Generally b Thick : 90mm c 140mm d 190mm e 300mm	a circular ne 2m b circular ex 2m m in repairs
		8 Cavity	1 Jamb block 2 Cill block 4 Head U block		
		9 Cills	1 Cill block 2 Cap cill	a Generally b Bull nose	
8 PAVINGS	1 50mm pave 2 75mm pave	1 Brick on flat 2 Brick on edge	1 Straight 2 Stretcher	a general b to falls	a general b on sand



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
	3 Interlocking bloc		3 Basket 4 Herring bone 5 Sub floor	c cross falls d ramps	c on mortar
		7 Lineal	1 Fair cut 2 Fair rake cut 3 Fair circular cut 4 Brick on edge	a circular	
		8 Risers	1 Brick on flat ris		
		9 Treads	1 Brick on flat tre 2 Brick on edge tre 5 Cutting & fitting		
9 SUNDRIES	1 Expansion joint	1 Impregnated softb 2 Impreg Polyethyle foam strip 3 Polystyrene 4	1 Size	a horizontal b vertical	
	2 Asbestos	1 Grey cill 2 Slate cill	1 Width: 150mm 2 175mm	a set level b set sloping	
	3 Quarry tile	1 Paving 2 Cill	1 Thickness: 1 Width: 150mm 2 175mm	a set level b set sloping	



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division	
## W WATERPROOFING	##			## W WATERPROOFING	##	
1 SHEETING (under floors)	1 Bituminous paper	1 Generally	1 Generally	a Lapped		
	2 PVC grade:	2 150 micron	2 On sand bed	b Lap & tape		
	3	3 250 micron	3 To falls			
	4	4 375 micron	4 Under steps			
	5	5 400 micron	5 Vertically			
	6 Neoprene	6 500 micron	6 On bricks			
	7 Exp polystyrene	7 1000 micron	7 In roofs			
			9 Labours	1 Cut & seal		
2 DPC	1 PVC	1 Walls	1 General	a circular		
	2 Bituminous sheet	2 Sills				
	3 Neoprene	3 Vertical				
	4 Lead					
		4 Horizontal	1 Width: 90mm			
		5 Vertical jambs	2 115mm			
			3 150mm			
			4 230mm			
3 TANKING	1 Mastic asphalt	1 Horizontal	1 To concrete	a circular		
	2 Bituminous felt	2 Vertical	2 Screed			
	3	3 Horizontal/vertic	3 Brick			
	4 Neoprene		4 Plaster			
	5 GRP		6 Channels			
	6 Derbigum		7 Sumps			
			8 Pits			
		9 Sundries	1 Fillets	a ne 300mm		
			2 Turn up/down	b ex 300mm		
			3 Dress round			
		4 Internal/external angle				
4 ROOFING	1 Mastic asphalt	1 Roofs	1 on concrete	a ne 10 degree		
	2 Bituminous felt	2 Inverted beams	2 on screed	b ne 25 degree		
	3 Neoprene	3 Box gutters	3 on plaster	c ne 50 degree		
	4 GRP	4 Parapets	4 treated	d ex 50 degree		
	5 Derbigum					
	6 Acrylic + PP clot	7 Extras	1 Raking cut & wast			
			2 Circ cut & waste			
			3 Fillets	a ne 300mm		
			4 Gussets			
			5 Turn up/down			
		6 Turn in				
		7 Form channel				
	8 Sundries	1 Fair	a circular			
		2 Rounded				
		3 Chamfered				
		4 Arris				
		5 Trowel cuts				
		6 Drips				
	9 Number	1 Dress to				
		2 Dress around				
		3 Form collar				
	7 Flashings	1 Acrylic + PP clot	1 100mm girth			
		2 GRP	2 150mm girth			
		3 Sheet metal	3 300mm girth			
		4 Aluminium				
		5 Lead				
		6 Copper				
	8 Covering	1 Paint	1 Bituminous aluminium paint			
		2 Insulation	1 Polystyrene			
		3 Crushed stone	1 Grade			
		4 Paving slabs	1 Size			
5 JOINTING SEALANTS	1 Oil bound mastic	1 Joint width	1 Walls	a Circular		
	2 Silicone		2 Floors	b Including backing		
	3 Polyurethane		3 Frames			
	4 Acrylic		4 Sanitaryware			
	5 Rubber					
	6 Polysulfide		5 Kitchen cupboards			
	8 Backing cord	1 Exp'd polyeth foa	1 Size			
		2 Paper rope				



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
	9 Sundries	1 Rake out joint	1 Size		
6 LIQUID SEALANTS	1 Bitumin emulsion 2 3	1 To brickwork 2 To concrete	1 Generally 2 Walls 3 Columns 4 Soffits 5 Beams 6 Narrow widths 7 Lineal	a Bagged	
7 COVER STRIPS	1 Aluminium 2 PVC	1 Floor 2 Wall 3 Ceiling	1 Type		
8 WATERSTOPS	1 Dumbell 2 Hydrofoil 3 Stainless steel	1 90mm 2 100mm 3 150mm 4 300mm	1 Horizontal 2 Vertical 3 Weld mitre 4 Weld tee 5 3 way intersectio 6 4 way intersectio		



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
## D ROOF TILING ##				## D ROOF TILING ##	
1 TILES CEMENT	1 Type	1 Pitch roof	1 Roofs		
2 " CLAY		2 Flat slope	2 Dormers		
3 SLATE ASBESTS		3 Steep slope			
4 SLATE NATURAL		4 Vertical			
		-----	-----	-----	-----
		6 Standard	1 Edges	a Cut tile	
		7 Purpose made	2 Verges	b Half tile	
				c Tile and a half	
				d Tile and a half at eaves	
			-----	-----	-----
			3 Vertical angles	a Close cut & mit	
				b Cut with felt soaker	
				c Cut with metal soaker	
				d Open with metal lining	
			-----	-----	-----
			4 Hips	a Close cut & mit	
			5 Ridges	b Saddle with felt soaker	
				c Saddle with metal soaker	
				d Universal with felt soaker	
				e Universal with metal soaker	
			-----	-----	-----
			6 Valleys	a Close cut & mit	
				b Cut with felt soaker	
				c Cut with metal soaker	
				d Open with metal lining	
			-----	-----	-----
			7 Two way intersect	a Close cut & mit	
			8 Three way interse	b Saddle with felt soaker	
				c Saddle with metal soaker	
				d Universal felt soaker	
				e Universal metal soaker	
			-----	-----	-----
			9 Bonding to exist.		
		-----	-----	-----	-----
		8 Sundries	1 Raking cutting		
			2 Circular cutting		
			-----	-----	-----
			5 Gable rolls		
			6 Birdproofing		
		-----	-----	-----	-----
5 UNDERLAY	1 Type	1 Thickness	1 Over battens		
			2 Seal to gutter		
			-----	-----	-----
NOTE!					

ROOFING WITH CORRUGATED SHEETS IS WITH CARPENTRY & JOINERY - c4000					
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CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
## c CARPENTRY	& JOINERY ##			## c CARPENTRY	& JOINERY ##
1 SUPPORTS & ROOF TRUSSES	1 Turning pieces	1 Flat	1 Size:		
		2 Arched segmental		a width & height	
		3 Arched semi circl			
	2 Prefabricated trusses	1 Jacks	1 Pitch	a Span	a no projections
		2 Mono pitch		b Span	b projection size
		3 Double			c cut short
	3 Poles - wrought	4 - rough	1 Pine	1 Size	
		2 Bluegum			
		3			
5 Battens		1 Size : 38x38mm	1 Square meter	a Centres mm	a Extra for wrot
		2 38x50mm	2 Lineal		
6 Tilting fillets		1 Size : 38x50mm	1 Square meter		
		2 38x76mm	2 Lineal		
7 Brandering		1 Square meters 38x	1 One way centres	a Sloping	
		2 Square meters 38x	2 Both ways centres	b Vertical	
		3 Square meters 50x			
		4 Lineal meters 38x			
		5 Lineal meters 38x			
2 STRUCTURAL TIMBER	1 25mm SAWN	1 25mm	1 Battens	a Standard	a Trusses
	2 38mm SAWN	2 38mm	2 Runners	b Splayed	b Bolted trusses
	3 50mm SAWN	3 50mm	3 Hangers	c Short lengths	c Wind bracing
	4 76mm SAWN	4 76mm	4 Bracing	d ne 2.5m	d Cross bracing
	5 25mm WROT	5 114mm	5 Rafters	e ne 6m	e Jack
	6 38mm WROT	6 152mm	6 Wall plates	f ne 8m	f Ridge
	7 50mm WROT	7 228mm	7 Purlins	g ex 8m	g Valley
	8 76mm WROT		8 Bearers or Joists	h finger joint	h Bolted to bwk.
		9 Boarding		i Hip	
				j Fixed to conc	
3 STRUCTURAL TIMBER	1 Laminated beams (Fine sawn)	1 Type / grade	1 Width	a Depth	a Runners
	2 Laminated beams (Wrot)				b Rafters
					c Purlins
					d Beams
					e Posts
					f
					a Description - Scotia, quadrant etc
5 Mouldings		1 Wrot softwood	1 Width	a Depth	
	6 Planks	1 Wrot softwood	1 Size	a Eaves board m2	
		2 Wrot laminated		b Gable cladd m2	
		3 Wrot hardwood		c Weather brd m2	
				d Barge board m	
				e Fascia board m	
				f Cill m	
	7 Sheets	1 Asbestos	1 Flat sheet	a Size	a with jnt strip
2 Plywood		2 Barge winged			
3 GRC		3 Barge board			
4 Fibre reinf cemen		4 Fascia board			
8 Labours	1 Struct softwood	1 Wrot timber labou	a m2		
	2 Struct laminated		b Size m		
	3 Struct hardwood		c Size no		
	4 Boards				
	5 Asbestos	2 Notch			
	6 Mouldings	3 Profile			
		7 Drill hole	1 Diameter	a Depth	
	8 Fix bolt				
3 STRUCTURAL TIMBER (Continued)	9 Fixings	1 Hoop iron	1 Size		
		2 Plate connector			
		3 Binding wire			
		4 Truss hanger			
4 ROOF COVER (corr sheet)	1 Asbestos- plain	1 Pattern	1 Roof covering	a To timber	a Prime laps
	2 " -prepainte		2 Side cladding	b To steel	b Imprg foam laps
	3 Steel - galvanise		3 Curved sheets		c Sealant in laps
			4 South/North light		
	4 " - prepainte				
5 Aluminium - plain		5 Labours	a Raking c&w		



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
				b Bend up c Bend down d Bend up / down	
	6 " - prepainte 7 Plastic		6 Fittings	a Bird proofing b Serated closer c Side wall d Headwall e Hip f Ridge g Valley h i Barge capping j Ridge capping k Foam closers l Apex/finial	
	8 Stainless steel				
			7 Flashings	a Sill flashing b U flasing c Corner flash	
			8 Number items	a Soaker fl sht b Soaker flange d Ventilator	a Apex fixed b Slope fixed
	9 Sundries	1 Insulation	1 Type	a thickness	
5 FLOORS, CEILINGS & WALLS	1 Solid timber plan	1 Softwood wrot 2 " t & g 3 Hardwood wrot 4 " t & g 5	1 Thickness 2 3 4	a Flooring b Vert boarding c Ceilings d Ceilings slope e Ceilings vert f Bulkheads g Wall cover h Wall cov circ i Panelling	a Open jointed
	2 Boards/composite	1 Softboard 2 Hardboard 3 Gypsum board 4 Fibre reinf'd boa 5 Plywood 6 Blockboard	1 Thickness 2	a Flooring b Vert boarding c Ceilings d Eaves linings e Ceilings slope f Ceilings vert g Bulkheads h Wall cover i Wall cov circ j Panelling k Duct covers r Raking c&w s Circ c&w	a Skimmed
	3 Sundries	1 Extra on boarding 8 Special scaffold	1 Gypsum cornice 4 Trap door 1 Height		
5 FLOORS, CEILINGS & WALLS (Continued)	4 Suspended ceilings	1 Exposed tee 2 Concealed tee 3 Screw up 4 PVC 5 Metal 6 Sundries	1 Gypsum board 2 Fibre reinf 3 Acoustic 4 1 Type 1 Type	a horizontal b sloping c vertical d susp height e Bulkhead	a Vinyl cladde
	5 Partitions	1 Type 2	1 Partition 2 Free standing 3 Openings 4 Linings 5 Doors 6 Louvres 7 Ironmongery	a for glazing m b for glazing no a Single b Double	a Aluminium
	6 Insulation	1 Type	1 Floor	a Thickness	



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
		2	2 Ceiling 3 Susp ceiling 4 Wall 5 Bulkhead		
	8 Sundries	1 Mesh screening	1 Wire mesh		
	9 Balustrading	1 Material	1 Pattern		
6 DOORS, FRAMES & WINDOWS	1 Flush doors	1 Hollow core inter 2 Semi-solid intern 3 Semi-solid extern 4 Solid internal 5 Solid external	1 Hardboard veneer 2 Commercial veneer 3 Local HW veneer 4 Exotic HW veneer	a 610x475 b 610x2032 c 762x2032 d 813x2032 e 1030x2032 f 1206x457 g 1206x2032 h 1511x457 i 1511x2032 j 1652x2032	a Half hour b One hour c Two hour
		6 Fire door interna 7 Fire door externa			
			6 Opening	a Size	
	2 Solid softw'd doo 3 " local hardw'd 4 " exotic hardw'd	1 FLB 2 Glazed FG 3 Glazed GTH 4 Panel door 5 Diagonal braced 7 Slatted gate	1 762x2032 2 813x2032 3 1030x2032 4 1200x2032 5 1525x2032 6 1652x2032	a Half glass b Flush back c Small pane d One panel e Two panel	a stable
		8 Frame 75x75 9 Frame 75x100	8 Post	a With cill b With fanlight c With sidelight d With two s/lght	a coupled
	5 Frame softwood 6 Frame local hardw 7 Frame exotic h/wd	1 Lining 2 Mullion 3 Transom 4 Framed 5 Posts 6 Bead 7 Sill 8 Weatherboard	1 Size	a circular	
6 DOORS, FRAMES & WINDOWS (Continued)	8 Windows	1 Custom 2 Top hung 3 Horizontal slide 4 Vertical slide	1 Types		
		6 Shutters			
		7 Gable ventilators			
		8 Rooflights	1 Domed 2 Pivot opening	a Size	a Material
		9 Fanlights	1 Fixed 2 Open	a Size	
	9 Sundry	1 Garage doors	1 Tip up 2 Sectional overhea	a Manual b Electric	a Size
		2 Shopfronts	1 Description		
7 JOINERY UNITS	1 Modular units (FLOOR)	1 Type 2	1 Size 2	a Surface finish	
			7 EO for sink	a Size	a Material
			8 Filler	a Size	
	2 Modular units (WALL)	1 Type 2	1 Size 2	a Surface finish	
	3 Bedroom units	1 Type	1 Size	a Surface finish	
	4 Vanity	1 Type	1 Size	a Surface finish	
	5 Shelving	1 Type	1 Size	a Surface finish	
	6 Counters	1 Type	1 Size	a Surface finish	
	7 Hosereel cupboard	1 Type	1 Size		
8 JOINERY FITTINGS	1 The following in.	1 Sawn softwood 2 Wrot softwood 3 Local hardwood 4 Exotic hardwood	1 Bearers 2 Stand & rail 3 Cleats 4 Skirtings	a circular	



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
## f FLOOR COVERING	##			## f FLOOR COVERING	##
1 TILES	1 Type 2	1 Thickness/ guage	1 To floors 2 To walls 3 To stepped area 4 To stairs 5 Circular 6 Dished		
2 SHEETING	1 Type 2		7 Narrow widths 8 Cutting	a Raking	
3 CARPETS	1 Type	1 Nylon 2 Acrylic 3 Wool 4 Mixed wool/nylon			
4 WALL COVERINGS (flexible sheet)	1 Type	1 Thickness/guage	1 Circular		
5 SUNDRIES	1 Nosings 2 Skirtings 3 Edges 4 Insets/Inlays 5 Plastic handrails	1 PVC 2 Aluminium 3 Brass	1 Size	a Closed end b Angle	
6 FOLDING DOORS	1 Vinyl	1 Type	1 Size		



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
## I IRONMONGERY ##					## I IRONMONGERY ##
1 HINGES	1 Piano 2 Butt 3 Parliament 4 Spring	1 Steel 2 Black japanned 3 CP steel 4 Brass 5 CP Brass 6 Aluminium	1 Standard 2 Type	a Size	a Fixed to timber b steel c alum. d brick e conc. f Partitions
2 DOOR CLOSERS	1 Closers 2 Floor springs	1 Hydraulic 2 Dual control 3 Delayed 4 Overhead 1 Single 90 degree 2 Single 180 degree 3 Double 90 degree 4 Double 180 degree	1 Standard 2 Type 1 Type 2 Type	a Size a Size	
3 BOLTS	1 Barrel 2 Necked 3 Monkey tail 4 Flush 5 Pad 6 Hasp & staple 7 Indicator 8 Panic	1 Steel 2 Black japanned 3 CP Steel 4 Brass 5 CP Brass 6 Aluminium	1 Standard 2 Type	a Length: 50mm b 75mm c 100mm d 150mm e 200mm f 230mm a Single b Double	
4 LOCKS	1 Pad 2 Drawer 3 Mortice:latch 4 night 5 bathroom 6 deadlock 7 set 8 slide	1 2 lever 1 Latches 2 2 Lever 3 3 Lever 4 4 Lever 5 Single cylinder 6 Double cylinder 7 Knob cylinder	1 Type 2 Type 1 CP zinc furniture 2 Brass furniture 3 CP brass furnit. 4 Alum. furniture 5 Escutcheon 7 Plastic coated 8 Epoxy coated	a Size : 50mm b 75mm a Generally d Rebated e Emergency f Emergency reb.	
5 MASTER KEY LOCKS	1 Padlock 6 Mortise:deadlock 7 set 8 slide 9 Master key	1 Standard 2 2 lever 2 Two lever 3 Three lever 4 Four lever 5 Single cylinder 6 Double cylinder 7 Knob cylinder 1 Master 2 Grand master key	1 Type 2 Type 1 CP zinc furniture 2 Brass furniture 3 CP brass furnit. 4 Alum. furniture 5 Escutcheon 6 With backplate 7 Plastic coated 8 Epoxy coated	a Size : 50mm b 75mm a Generally b Masterkey c Grand masterkey d Rebated e Master rebated	
6 GENERAL	1 Door seals 2 Stops 3 Catches	1 Floor 1 Cupboard 2 Rubber 3 Sliding door 4 Patent 6 Handrail 1 Ball 2 Roller 3 Locking	1 Standard 2 Type	a Size a Size : 50mm	a Fix to timber b steel c alum. d brick e conc.
6 GENERAL (Continued)	4 Hooks 5 Pull handles	1 Cabin 3 Longarm 4 Key hooks 5 Belting hooks 6 Coat hooks 7 Rubber buffer hooks 1 Knob 2 Bow 3 Finger pull 4 Flush pull 5 Latch 6 Push button	1 Plastic 2 Black japanned 3 CP Steel 4 Brass 5 CP Brass 6 Aluminium 7 Stainless steel 8 Plastic coated 9 Epoxy coated	a Size : 50mm b 75mm c 100mm d 150mm e 230mm a Size a Size	a with backplate b size c size



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
		7 Special			
	6 Plates	1 Finger 2 Push 3 Indicator 4 Kicking 5 Escutcheons		a Size	
	7 Signs	1 Numbers 2 Letters 3 Engraved 4 Notice 5 Road		a Size	
	8 Sliding gear	1 Small cupboard 2 Large cupboard 3 Drawer glides 4 Doors 5 Heavy doors 6 Slide/folding		a Size	
	9 Window gear	1 Catch 2 Stay 3 Opener 4 Longarm		a Size	
	9 Window gear	5 Pelmets 6 Curtain track	1 Standard 2 Type	a Size	a Fixed to plaster b tiling c conc.
7 TOILET ACCESSORIES	1 Rails	1 Hanging 2 Towel 3 Shower			
	2 Holders	1 Toilet roll 2 Anti theft t/roll 3 Soap 4 Liquid soap dispr 5 Paper towel	2 Two roll 3 Three roll		
	3 Units	1 Shower curtains 2 Cabinets	1 Medicine		
	4 Paraplegic	1 Grab rail 2 Bath grab 3 Cradle	1 Basin 2 Toilet		
8 PROPRIETY CUPBOARDS/ LOCKERS ETC	1 Letter boxes				
	2 Shelving	1 Wall bands 2 Shelf arm 150mm 3 Shelf arm 300mm	1 Single slot 2 Double slot		
	3 Lockers	1 Steel	1 Single 2 Double		
9 SUNDRIES	1 Sundries	1 Weatherbar 2 Dowels			
	2 Door mats	1 Material	1 Type	a Size	



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division	
## M METALWORK ##					## M METALWORK ##	
1 STRUCTURAL STEELWORK	1 Mild steel	1 Columns	1 Ton			
	2 Prime/painted	2 Trusses	2 Kg			
	3 Zinc sprayed	3 Purlins	3 m2			
	4 H D galvanized	4 Bracing	4 m			
	5	5 Haunches	5 no			
		6 Flooring				
		7 Stairs etc				
		9 Sundries				
		6 Cold formed	1 Purlins	1 Type/size		
		7 Sundries	1 Bolts 2 Anchor bolts 3 Fasteners	1 Type/size	a fix to brickwork b fix to concrete	
	8 Gutters	1 Mild steel 2 " Prime/paint 3 " Zinc sprayed 4 " H D galvanized 5 GRP (fibreglass)	1 Type/size	Extra for a Stop end b Outlett		
2 BOLTS	1 Mild steel	1 Tensile	1 Type/size	a fix to brickwork		
	2 Cadmium plated	2 High tensile		b fix to concrete		
	3 Zinc sprayed	3 Anchor				
	4 Galvanized	4 Rag				
		5 Expansion				
		6 Dowels				
3 SECTIONS (Non-structural)	1 Mild steel	1 Post	1 I Section	a Size	a Grind edges	
	2 Cadmium plated	2 Bearer	2 Plate		b Stopped end	
	3 Zinc sprayed	3 Duct	3 Flat		c Angle	
	4 H D Galvanized	4 Truss	4 Equal angle		d Tee intersection	
		5 Balustrade	5 Unequal angle		e Drill hole	
		6 Handrails	6 Channel			
		7 Cat ladders	7 Pipe/round			
		8 Gates	8 Box/square			
		9 Sundries	9 Labours			
		1 Mild steel	1 Permanent	1 Type/size	a Cutting	a Straight
4 FLOORS	2 Cadmium plated	2 Chequer plate		b Bracing	b Raking	
	3 Zinc sprayed	3 Mentis Grid		c Expansion joint	c Circular	
	4 H D Galvanized	4 Ribbed		d Form opening		
		7 Access		e Plenum divider		
		1 Frame 90 block	1 686x2032	a Plaster b/s	a fanlight	
	5 DOOR FRAMES	2 H D Galvanized	2 Frame 1/2 brick	2 762x2032	b Plaster o/s	b door closer
3 Aluminium		3 Frame 140 block	3 813x2032	c No plaster	c indicator bolt	
		4 Frame 190 block	4 1371x2032		d night latch	
		5 Frame 1 brick	5 1511x2032	f Fire		
		6 Frame cavity	6 1650x2032			
		8 Cupboard frames	1 Frame 1/2 brick 2 Frame 1 brick	a Type/size		
		4 Special doors	1 Chawl doors 2 Transformer doors 3 Tip up doors 4 Fire doors 5 Record room doors 6 Strongroom doors	1 Type/size	a Vents	
		5 Shutters	1 Roller shutter 2 Roller grill	1 Push up 2 Fuse link 3 Crank operated 4 Elect operated	a Type/size	a Vents
			8 Vents	1 Type/size		
6 WINDOWS		1 Paint finish	1 Cottage	1 Custom	a Type/size	a burglar bars
	2 H D Galvanized	3 Residential	2 Pivot		b b bars o/sect	
	3 Epoxy coated	4 Industrial	3 Horizontal slide		e fly screens	
	4 PVC	5 Winblock	4 Vertical slide			
	5 Alum ex mill	6 Louvres	1 Type/size			
	6 Alum nat anodized		6 Coupling mullion			
	7 Alum col anodized	7 Doors	1 Folding 2 Double 3 Sliding 4 Shower			
	8 Stainless steel					
		8 Shopfronts	1 Shopfront 2 Single doors 3 Double doors 4 Sliding doors	a Type/size		



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
			5 Entrances		
		9 Window gear	1 Burglar proofing 2 Opening gear 3 Cleaning device 4 Sun protect Int 5 Sun protect Ext	a Black-out blinds b Vert louvre blnds	
7 SUNDRIES	1 Aluminium 2 Stainless steel 3 Lead 4 Brass 5 Copper	1 Trims 2 Flashings 3 Expan joint cover 4 Power skirting 5 Stair balustrade 6 Mat surrounds 7 Pipes	1 Type/size m2 3 Lineal 5 No items		
	6 Shelving	1 Storage 2 Industrial	1 Type/size		
	7 Cupboard fittings	1 Lockers 2 Kitchen	1 Type/size		
	8 Wire mesh	1 Screens 2 Lockers	1 Type/size		
	9 Fire place	1 Fire place 2 Cowl 3 Flue			
8 PARTITIONS, ROOF LIGHTS ETC	1 Toilet partition	1 Type	1 Size 2 Doors 3 Stiles	a Exposed end b Intersection c Abutment	
	2 Toilet cubicle	1 Type	1 Single 2 Two compartment		
	3 Roof lights	1 Single domes 2 Complex domes			
	4 Curtain walls				
9 COMPUTER FLOOR	1 Type	1 Height 8 Sundry 9 Labours	1 Description 1-3 Cutting 4 Bracing 5 Expansion joint		
	4 Plenum	1 Height 4 Form opening 5 Seal opening	1 Cut & fit 1 Size		
	5 Sundries	1 Removable panel 2 Mock up	1 Size		



CCS SUGGESTED STANDARD OF CODES

1st Division		2nd Division		3rd Division		4th Division		5th Division		6th Division		
##	n SPECIALIST	ITEMS	##					##	n SPECIALIST	ITEMS	##	
1	COLDROOMS	1 Floor insulation		1 Polystyrene 2 Cork	1 m ²							
		2 Wall insulation		1 Polystyrene 2 Cork 3 Wall panels	1 m ²							
		3 Ceiling insulatn		1 Polystyrene 2 Cork 3 Ceiling panels	1 m ²		a fix to brickwork b fix to concrete c fix to steelwork					
		4 Doors		1 Single 2 Double 3 Sliding	1 Type/size							
		5 Prefab units										
		6 Sundry		1 Meat rails								
		7 Refrigeration										
2	VENTILATION & AIR CONDITIONING	1 Ventilation		1 Ducting		1 Pipes 3 Bends 4 Junctions 5 End boxes 6 Int grilles 7 Ext grilles			a PVC b Sheet metal			
				2 Fans								
				3 Roof units		1 Standard 2 With down duct						
				4 Toilets								
				5 Kitchens								
				6 Bathrooms								
				7 Systems		1 Factory 2 Shops 3 Offices 4 Flats						
		2 Air conditioning		1 Console 2 Split 3 Package								
				7 Systems		1 Factory 2 Shops 3 Offices 4 Flats						
		3 Smoke detect		1 m ²		1 Factory 2 Shops 3 Offices 4 Flats						
3	FIRE FIGHTING	1 Sprinklers		1 m ²		1 Factory 2 Shops 3 Offices 4 Flats						
		2 Co2 instal		1 m ²								
4	ESCALATORS & LIFTS	1 Conveyors		1 Temporary 2 Permanent	1 Type/size			a Cutting b Bracing		a Straight b Raking		
		2 Escalators		1 Stair hoists 2 Escalators								
		3 Lifts		1 Dumb waiters 2 Goods hoists 3 Goods lifts 4 Passenger								
5	EQUIPMENT	1 Kitchen		1 Domestic 2 Industrial	1 Refigeration							
					2 Laundry							
					3 Stoves free st 4 Cook built in			a Ovens b Hobs c Cook hoods d Microwaves				



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
## P PLASTERING ##					## P PLASTERING ##
1 ROOF SCREEDS	1 8:1 Cement	1 Thickness: 15mm	1 Horizontal	a Generally	a Special
2 FLOOR SCREEDS	2 6:1 Cement	2 20mm	2 Vertical	b Splayed	b Circular ex 300
3 GRANO	3 4:1 Cement	3 25mm	3 Tread & risers	c Circular	c Circular ne 300
	4 3:1 Cement	4 30mm	4 Landings	d Sloping	d Incl waterp add
	5 3:1 Grano	5 40mm	5 Waterproofed	e Weathered	e To existing
	6 3:1 Tinted grano	6 50mm		f To falls	f In repairs
	7 3:1 Hardened	7 75mm		g To falls & X fall	
				h Undercut	
	8 Sundries	1 Narrow width ne 500mm	1 Thickness: 15mm	a Generally	a Special
			2 20mm	b Raking	b Circular ex 300
			3 25mm	c Circular	c Circular ne 300
			4 30mm	d Sloping	d Incl waterp add
			5 40mm	e Weathered	e To existing
			6 50mm		f In repairs
			7 75mm		
		2 Cove	1 Size		
		3 Triangular fillet	1 Size		
		4 Kerb	1 Size		
		5 Skirting	1 Size 50mm	a Generally	a Special
			2 75mm	b Raking	b Circular ex 300
			3 100mm	c To tread & risers	c Circular ne 300
			4 150mm		d Incl waterp add
			5 200mm		e To existing
			6 300mm		f In repairs
		7 Labours	1 Arris	a General	
			2 Splay	c Circular	
			3 Semi-round angle		
			4 Groove		
			5 Trowel cut		
			6 V joint		
			7 Fair edge & arris		
			8 Junction/joint		
			9 Set reedings		
4 SPECIAL FLOOR FINISHES	1 Proprietary	1 Thickness	1 Horizontal	a Generally	a Special
			2 Vertical		e On existing
	2 Industrial	1 Epoxy			
	3 Terrazzo				
5 EXTERNAL PLASTER	1 1 coat cement woodfloat	1 General surfaces	1 Generally	a Generally	a Special
6 INTERNAL PLASTER	2 1 coat cement steeltrowel	2 Concrete horizontal top	2 Raking	b Raking	b Circular ex 300
7 SKIM COAT	3 1 coat cement steeltrowel	3 Concrete vertical	3 Projection/nibs	c Circular	c Circular ne 300
	4 1 coat compo woodfloat	4 Concrete soffit	4 Isolated band	d Splayed	d Incl waterp add
	5 1 coat compo steeltrowel	5 Brickwork horizontal top	5 Coffers/troughs	e Weathered	e To existing
	6 2 coat compo steeltrowel	6 Brickwork soffits	6 Stairs-outer	f To falls	f In repairs
	7 1 coat gypsum steeltrowel	7 Columns	7 Panels	g Raised	g On metal lath
	8 2 coat gypsum steel trowel	8 Sundries	8 Patterned	h Sunk	h Abouve adj build
			9 Flewing	i Battered	j To flower boxes
			1 Narrow width		k Inside cupboards
			2 Cills	a Generally	
			3 Coves	b Size	
			4 Cornices	e External angle	
			5 Upstand	f Internal angle	
			6 Moulds		
			7 Cappings		
			8 Bands		
5 EXTERNAL PLASTER	1 to 8 Continued	9 Labours	1 Arris	a Generally	a Special
6 INTERNAL PLASTER			2 Splayed edge	b V joint	b Circular ne 300
7 SKIM COAT (Continued)			3 Semi-round angle	c Circular	c Circular ex 300
			4 Groove	d Jnt new to exist	d To roof corrug
			5 Trowel cut	e External angle	e To existing
			6 Joint	f Internal angle	f In repairs
			7 Fair edge & arris	g Stop end	
			8 Mitres	h Flashings	
			9 Edge	i Stepped flashings	
				j Internal	
				k External	
				l Fair	
				m Rounded	
				n Chamfered	
8 SPECIALIST	1 Proprietary	1 External walls	1 Skim plaster	a Circular	
	2	2 Ext ceilings	2 Smooth plaster	b Circular ex 300	
	3	3 Internal walls	3 Concrete	c Circular ne 300	
	4	4 Int ceilings	4 Stipple plaster	d Raking	



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
	5	5 Partitions	5 Bag & fair face	e Weathered	
		6 Columns	6 Coffers/troughs	f To falls	
		7 Horizontal top	7 Panels	g Raised	
			8 Patterned	h Sunk	
		-----	-----	-----	
		8 Sundries	1 Narrow width	a Generally	
			2 Cills	b Circular ex 300	
			3 Skirtings	c Circular ne 300	
			4 Cornices	d Against external	
			5 Upstand	e Internal angle	
				f Stop end	
		-----	-----	-----	
		9 Labours	1 Narrow width	a Generally	
			2 Semi-round angle	b Circular ex 300	
			3 Groove/drip	c Circular ne 300	
			4 Trowel cut	d Against external	
			5 V joint	e Internal angle	
			6 Fair edge & arris	f Stop end	
			7 Intersection		
			8 Mitres	j Internal	
				k External	
			9 Edge	l Fair	
		-----	-----	-----	
9 SUNDRIES	1 Generally	1 Mouldings			
		2 Ornamental			
		3 Dividing strip			
		4 Expanded metal			
		5 Ventilators			
		-----	-----	-----	



CCS SUGGESTED STANDARD OF CODES

1st Division		2nd Division		3rd Division		4th Division		5th Division		6th Division	
##	T TILING	##		##		##	T TILING	##		##	T TILING
1	FLOOR	1 Ceramic glazed 2 Ceramic unglazed 3 Clay glazed 4 Clay unglazed 5 6 7 8 Marble 9 Mosaics	1 Floors 2 On waterproofing 3 Landings 4 Steps 5 Stairs 6 Risers 7 Treads 8 Edge tile ----- 9 Cutting	1 Generally 2 ne 150mm wide 3 ne 300mm wide 4 ne 450mm wide 5 Patterned 6 Sloping 7 Circular ----- 1 Circular 2 Raking 3 Stepped 4 Fitting stairs 5 Around metal 6 Around timber 7 Around elect box 8 Around holes	a Adhesive fixed b Epoxy pointed c Epoxy bed & point ----- a Pipe ne 100 b Pipe ne 200	a Circ ex 300mm b Circ ne 300mm c To existing d In repairs ----- a To existing b In repairs					
2	WALLS	1 White glazed 2 Coloured glazed 3 4 Ceramic Matt 5 Ceramic Gloss 6 7 Clay floor tiles 8 Marble 9 Mosaics	1 Walls 2 Isolated 3 Projecting column 4 Isolated columns 5 Stacks 6 Piers 7 Pilasters 8 Cills ----- 9 Cutting	1 Generally 2 ne 150mm wide 3 ne 300mm wide 4 ne 450mm wide 5 Patterned 6 Sloping 7 Circular 8 To splashbacks 9 Glazed edges ----- 1 Circular 2 Raking 3 Stepped 4 Fitting stairs 5 Around metal 6 Around timber 7 Around elect box 8 Around holes	a Mortar bed b Adhesive tiled c Epoxy pointed d Epoxy bedded e Epoxy bed & point ----- a Pipe ne 100 b Pipe ne 200	a To existing b In repairs					
3	CEILINGS	1 White glazed 2 Coloured glazed 3 Ceramic Matt 4 Ceramic Gloss 5 6 7 Clay floor tiles 8 Marble 9 Mosaics	1 Ceiling 2 Isolated 3 Column head ----- 9 Cutting	1 Generally 2 ne 150mm wide 3 ne 300mm wide 4 Patterned 5 Sloping 6 Circular ----- 1 Circular 2 Raking 3 Stepped 4 Fitting stairs 5 Around metal 6 Around timber 7 Around elect box 8 Around holes	a Pipe ne 100 b Pipe ne 200						
4	SKIRTINGS	1 Ceramic glazed 2 Ceramic unglazed 3 Clay glazed 4 Clay unglazed 8 Marble	1 Skirtings 2 Bands 3 Margins 4 Beads 5 Mouldings	1 Size							
5	ACCESSORIES	1 White glazed 2 Coloured glazed 5 Sealants	1 Soap dishes 2 Toilettroll holder 3 Access panels ----- 5 Sealants	1 Single 2 Double	a Adhesive fixed b Epoxy pointed c Epoxy fixed						
6	BLOCK CHANNELS	1 Type	1 100mm 2 150mm	1 Straight 2 Stop ends 3 Angles 4 Tee's 5 Outlets							
7	PREFABRICATED PARTITIONS	1 Type	1 Shower 2 Toilet 3 Other ----- 5 Aluminium section	1 Description							



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
## L PLUMBING AND	DRAINLAYING ##			## L PLUMBING AND	DRAINLAYING ##
1 FLASHING	1 Mild steel galv 2 Aluminium 3 Copper 4 Lead 5 GRP (fibreglass) 6 Acrylic & cloth	1 Thickness/guage 2	1 Covering 2 Cladding 3 Flashing 4 Stepped 5 Cover 6 Soaker 7 Lining 8 Capping	a girth	
2 RAINWATER DISPOSAL	1 Mild steel- Galvd	1 Gutters 2 Down Pipes 3 Pipes - cast in	1 Size/girth 1 Downpipe 2 Shoe 3 Bend 4 Spreader 5 Swan neck 1 Size	a Thickness/guage	
	2 Asbestos cement	1 Gutters 2 Down Pipes 3 Pipes - cast in	1 Size/girth 1 Downpipe 2 Shoe 3 Bend 4 Spreader 5 Swan neck 1 Size	a Thickness/guage	
	3 Aluminium	1 Gutters 2 Down Pipes 3 Pipes - cast in	1 Size/girth 1 Downpipe 2 Shoe 3 Bend 4 Spreader 5 Swan neck 1 Size	a Thickness/guage	
	4 P V C	1 Gutters 2 Down Pipes 3 Pipes 4 Fittings	1 Size/girth 1 Downpipe 2 Shoe 3 Bend 4 Spreader 5 Swan neck 1 Cast in 2 Fixed 1 End cap 2 Adaptor 3 Reducer 4 Bend 5 Junction	a Size	
	5 GRP (fibreglass)	1 Gutters 2 Down Pipes 3 Pipes - cast in	1 Size/girth 1 Downpipe 2 Shoe 3 Bend 4 Spreader 5 Swan neck 1 Size	a Thickness/guage	
2 RAINWATER DISPOSAL (Continued)	6 Mild steel- galvd	2 Fittings 9 Sundries	1 Plug 2 Nipple 3 Reducing bush 4 Adaptor 5 Elbow/bend 6 Reduce elbow/bend 7 Tee 8 Red tee 9 Union 1 Joints	a Size	



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division	
	7 Sundries	1 Fulbores	1 Vertical 2 90 Side 3 45 Side 4 Two way	f 50mm h 80mm k 100mm m 150mm		
3 WATER SUPPLY & FIRE WATER	1 Copper pipe	1 Class 0 2 Class 1 3 Class 2 4 Class 3	1 Fixed 2 Fixed incl chase 3 Fixed (chase em) 4 to conc soffit 5 to hanger (em) 6 cast in concrete 7 under floors 8 in ground 9 in ducts	a 15mm b 22mm c 28mm d 35mm e 42mm f 54mm g 67mm h 76mm l 108mm		
		2 Domestic	6 Domestic class 3 7 Proprietary 8 PVC			
			9 Sundries	1 Labour bend 2 Splay cut 3 Joint 4 Cut into 5 Short length 6 Service pipe 7 Expansion bellows		
	3 Copper/brass fittings	1 Proprietary 2	1 Plug 2 Adaptor 3 Connector 4 Bent connector 5 Bend 6 Tee 7 Union 8 Back nut 9 Nipple	a 15mm b 22mm c 28mm d 35mm e 42mm f 54mm g 67mm h 76mm l 108mm	a Copper to copper b Copper to male c Copper to female d Tap (adaptor) e Walplate (elbow) f Swivel (bend) g Reducing (fitt) h Chromium plated	
			1 Black 2 Medium galvanised 3 Heavy galvanised	1 Fixed 2 Fixed incl chase 3 Fixed (chase em) 4 to conc soffit 5 to hanger (em) 6 cast in concrete 7 under floors 8 in ground 9 in ducts	a 15mm b 20mm c 25mm d 32mm e 40mm f 50mm g 65mm h 80mm k 100mm l 125mm m 150mm n 200mm o 300mm	
		9 Sundries	1 Joint 2 Cut into 3 Short length			
	4 Steel pipe	1 Black 2 Medium galvanised 3 Heavy galvanised	1 Plug 2 Nipple/flange 3 Reducer bush 4 Adaptor 5 Elbow/bend 6 Reduce elbow/bend 7 Tee 8 Reducer tee 9 Union	a 15mm b 20mm c 25mm d 32mm e 40mm f 50mm g 65mm h 80mm k 100mm l 125mm m 150mm n 200mm	a elbow b flanged	
			1 Black 2 Medium galvanised 3 Heavy galvanised	1 Plug 2 Nipple/flange 3 Reducer bush 4 Adaptor 5 Elbow/bend 6 Reduce elbow/bend 7 Tee 8 Reducer tee 9 Union	a 15mm b 20mm c 25mm d 32mm e 40mm f 50mm g 65mm h 80mm k 100mm l 125mm m 150mm n 200mm	
	3 WATER SUPPLY & FIRE WATER (Continued)	6 Asbestos Cement Pipe	1 Class A 2 Class B 3 Class C 4 Class D	1 ne .75m deep 2 ne 1.5m deep 3 ne 2.25 deep 4 Vertical 5 45deg COD bend 6 90deg COD bend 7 COD Tee 8 COD Reducer tee	f 50mm h 75mm k 100mm m 150mm	
			9 Sundries	1 Joint 2 Cut into		
7 Cast Iron pressure fittings		1 End cap 2 Reducer 3 Bend 4 Tee 5 Hydrant Tee 6 Flange adapt	1 Generally 2 Reducing	f 50mm h 75mm j 100mm m 150mm		
		8 Saddle	1 50mm 2 75mm 3 100mm	a 15mm b 22mm c 28mm		



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
			4 150mm	f 32mm e 40mm f 50mm g 65mm h 80mm k 100mm	
	8 PVC pipe	1 PVC preas 2 HDPE	1 Fixed 2 Fixed incl chase 3 Fixed (chase em) 4 to conc soffit 5 to hanger (em) 6 cast in concrete 7 under floors 8 in ground 9 in ducts	a 15mm b 20mm c 25mm d 32mm e 40mm f 50mm g 65mm h 80mm k 100mm	
		9 Sundries	1 Joint 2 Cut into 3 Short length		
	9 PVC fittings	1 PVC pressure 2 HDPE 3 Heavy galvanised	1 Plug 2 Nipple 3 Reducer bush 4 Adaptor 5 Elbow/bend 6 Reduce elbow/bend 7 Tee 8 Reducer tee 9 Union	a 15mm b 20mm c 25mm d 32mm e 40mm f 50mm g 65mm h 80mm k 100mm	
4 TAPS, VALVES, MIXERS, HOT WATER CYLINDER & FIRE EQUIPMENT	1 Taps & mixers	1 Bib cock 2 Bib tap 3 Pillar 4 Mixer bath 5 Mixer basin 6 Mixer sink 7 Mixer shower 8 Mixer bidet 9 Shower arm & rose	1 Pattern/finish 2	a 15mm b 22mm	a +hose union b +ext piece c +ext p & fl d facia type e wall type f elbow act g lock h hand shower
	2 Valves	1 Stopcock 2 Gate valve 3 Non return valve 4 Pressure reducing 5 Pressure release 6 Vacuum breaker 7 8 Flushing valve	1 Pattern/finish 2 1 Model Urinal 2 Model WC 3 Senior WC	a 15mm b 22mm c 28mm d 35mm e 42mm f 54mm g 67mm h 80mm k 100mm l 125mm m 150mm n 200mm	a Underwall b Polished brass c Flanged d Reflux e With adaptor f Female
4 TAPS, VALVES, MIXERS, HOT WATER CYLINDER & FIRE EQUIPMENT (Continued)	2 Valves	9 Sundries	1 Butterfly 2 Angle reg 3 Ballvalve 4 Stopcock boxes 5 Master box 6 Strainers 7 Water meters		
	3 HotWater Cylinder	1 5 litre 2 10 litre 3 25 litre 4 50 litre 5 100 litre 6 150 litre 7 200 litre 8 250 litre	1 Non pressure 2 100 kPa 3 150 kPa 4 200 kPa 5 250 kPa 6 400 kPa 7 Combination	a Horizontal b Vertical	
		9 Sundries	1 Tray only 2 Overflow 3 Timber bearers 4 Instant heaters	a For 5 litre HWC b For 10 litre HWC c For 25 litre HWC d For 50 litre HWC e For 100 litre HWC f For 150 litre HWC g For 200 litre HWC	
	4 Water tanks	1 Asbestos cement	1 Plain 2 + Ballvalve 3 + Tank union	a 90l b 225l c 450l	



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
		2 Mild steel galvd (corr sheet metl)		d 9001 e 13501 f 22501	
		3 GRP (fibreglass)			
		4 Sectional steel	1 Sizes		
		5 Stilling wells			
		6 Hole tank	1 Asbestos cement 2 Steel 3 GRP		
	5 Lagging	1 Paper	1 Pipe	a 15mm b 22mm c 28mm	
		2 Fibre	1 Pipe 2 Bend 3 Tee 4 Valve	a 15mm b 22mm c 28mm d 35mm	
		3 Fibre & aluminium	1 Pipe 2 Bend 3 Tee 4 Valve	f 54mm g 67mm h 76mm l 108mm	
4 TAPS, VALVES, etc (Continued)	6 Fire Equipment	1 Fire Extinguisher	1 CO2 2 Dry powder 3 BFC	a 2.5kg b 4.5kg c 9kg	a Backboard
		2 Hose reel 3 Siamese connector 4 Booster pump con 5 Booster pump	1 Type	g 65mm h 80mm	
		7 Pressure gauge	1 Size		
		8 R/Angle hydr	1 Plain 2 With hoses		
		9 H/R boxes	1 Hose reel 2 Hydrant		
	7 Pipes as Ducts PVC	1 Into brickwork 2 In ground 3 In concrete	1 Type	f 50mm h 75mm k 100mm m 150mm	
	8 Specials	1 Pumps 2 Expansion bellows	1 Type/size		
	9 Sundries	1 Stopcock box 2 Meter box 3 Valve chamber	1 Size		
5 WASTE & VENT	1 PVC Pipe (Soil & Vent)	1 Fixed 2 Fixed inc chase 3 Fixed to soffit 4 Cast in conc 5 under floors 6 in ground 7 in ducts	1 Generally 2 Chase (em) 3 Hanger (em)	e 40mm f 50mm h 75mm k 110mm m 160mm n 200mm	
		9 Sundries	1 Joint 2 Cut into 3 short length 4 Labour bend 5 Splay cut		
	2 PVC fittings	1 Adaptor 2 Bend plain 3 Bend IE 4 Junction plain 5 Junction IE 6 Double Junction 7 Double Junct IE 8 Off set	1 Generally 2 Reducing 3 Inverted 4 90 Deg 5 135 Deg 6 Pan connector 7 Vent horn		a Male b Female
		9 Sundries	1 Pan Connector 2 Bent PanConnector 3 Vent cowls 4 Reducer 5 Auto vent 6 Stopper 7 Access pipe		



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
			8 Saddle		
			9 Labours	a Splay cut b Bend c Loop	
5 WASTE & VENT (Continued)	3 Cast iron	1 Fixed 2 Fixed inc chase 3 Fixed to soffit 4 Cast in conc 5 under floors 6 in ground 7 in ducts	1 Generally 2 Chase (em) 3 Hanger (em)	f 50mm h 75mm k 100mm m 150mm	
		9 Sundries	1 Joint 2 Cut into 3 short length 4 Labour bend 5 Splay cut		
	4 Cast iron fittings	1 Bend plain 2 Bend IE 3 Junction plain 4 Junction IE 6 Double Junction 7 Double Junct IE 8 Reducer	1 Generally 2 Reducing 3 Inverted 4 90 Deg 5 135 Deg		
		9 Sundries	1 Pan Connector 2 Bent PanConnector 3 Vent cowls 4 Reducer 5 S/S coupler 6 Stopper 7 Access pipe		
	7 GMS pipe	1 Fixed 2 Fixed inc chase 3 Fixed to soffit 4 Cast in concrete 5 under floors 6 in ground 7 in ducts	1 Generally 2 Chase (em) 3 Hanger (em)	e 40mm f 50mm g 65mm h 80mm j 100mm m 150mm	
		9 Sundries	1 Joint 2 Cut into 3 short length 4 Labour bend 5 Splay cut		
	8 Fittings	1 Galv Mild Steel	1 Plug 2 Nipple 3 Reducer bush 4 Adaptor 5 Elbow/bend 6 Reduce elbow/bend 7 Tee 8 Reducer tee 9 Union		
		2 Brass (rubber ringed)	1 Plug 2 Bend 3 Bend ie 5 Junction 6 Junction ie 7 Red junction 8 Red junction ie 9 Adaptor	e 38mm f 50mm	a Red
		3 Glass	1 Desc		
5 WASTE & VENT (Continued)	9 Traps	1 PVC	1 Waste 2 Basin 3 Bath 4 Combination Sink 5 Shower 6 P Trap 7 Flexitrap 8 Bottle 9 Combination bath	d 32mm e 40mm f 50mm h 75mm k 100mm m 150mm	
		2 Brass	1 Waste 2 Basin 3 Bath 4 Sink 5 Combination Sink 6 Shower		



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
			7 P Trap		
		3 CP Bottle	1 Basin 2 Urinal		
		5 Glass	1 S trap		
		6 Cast Iron	1 P / S trap 2 Urinal Trap		e Enameled
		7 Floor trap	1 Type		
		8 Stainless S	1 Type		
6 SANITARY FITTINGS	1 Lavatory Basins	1-8 Types	1 Size		
		9 Sundries	1 Brackets only 2 Pedestal		
	2 Vanity Basins	1-8 Types	1 Size		
	3 Water Closets	1-7 Types 8 Bidets	1 Desc		
		9 Sundries	1 Seat 2 Cistern only	a Type	
	4 Urinals	1-8 Types	1 Size		
		9 Sundries	1 Type 2 Cistern only	a Type	
	5 Baths	1-7 Types	1 Size		
		8 Handles	1 Type		
		9 Shower trays	1 Type		
	6 Medical/Laborat.	1-8 Types	1 Size		
	7 Stainless Steel	1 Basins	1 Single 2 Range	a Tile key b Fascia	
		2 Sinks	1 S/B Sink 2 D/B Sink 3 Drop in Sink 4 Sink on stand 5 Pot sink 6 Pot sink on stand 7 Grease trap		
		3 Wash tubs	1 Size		
		5 Urinals	1 Type 8 Cisterns only		
		6 Shower tray			
	8 Incinerators	1 Unit	1 Type	h 75mm	
		2 Flues	1 Pipe 2 End cap 3 Bend 4 Junction 5 Cowl		
	9 Sundries	1 Glazed Channels	1 Channel 2 Stop end 3 Outlet	k 100mm m 150mm	
		2 S/S Channels	1 Channel 2 Stop end 3 Outlet		
		3 S/S grease trap	1 Unit		
		4 Laboratory	1 8mm pipe 2 12mm pipe 3 Taps		
7 DRAINAGE	1 PVC PIPE (Underground)	1 In ground inc excavation	1 ne .75m deep 2 ne 1.5m deep 3 ne 2.25 deep 4 ne 3.0m deep 5 ne 3.75 deep 6 ne 4.5m deep	f 50mm h 75mm k 110mm m 160mm n 200mm	



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
		2 Vertical			
		3 Under floors			
		9 Sundries	1 Joints 2 Cut into		
	2 PVC fittings (Underground)	1 End cap 2 Reducer 3 Bend 4 Bend IE 5 Junction 6 Junction IE 8 Access pipe	1 Generally 2 Reducing 3 Ramped		
		9 Sundries	1 ABC 2 Adaptor 3 Wire balloon 4 Trap 5 Gulley		
	3 Cast iron pipe	1 In ground no exc 2 inc excavation 3 Vertical	1 ne .75m deep 2 ne 1.5m deep 3 ne 2.25 deep 4 ne 3.0m deep 5 ne 3.75 deep 6 ne 4.5m deep	f 50mm h 75mm k 100mm m 150mm	
		9 Sundries	1 Joints 2 Cut into		
	4 Cast Iron fittings	1 End cap 2 Reducer 3 Bend 4 Bend IE 5 Junction 6 Junction IE 7 Red Junction IE 8 Red Junction IE 9 Access pipe	1 Generally 2 Reducing 3 Vent horn		
			9 Sundries	a ABC b enlarge socket c trap d fresh air inlet	
	5 Vitrified clay pipe	1 In ground inc excavation	1 ne .75m deep 2 ne 1.5m deep 3 ne 2.25 deep 4 ne 3.0m deep 5 ne 3.75 deep 6 ne 4.5m deep	j 100mm m 150mm	
	6 Fittings to Vitrd clay pipe	1 End cap 2 Reducer 3 Bend 4 Bend IE 5 Junction 6 Junction IE	1 Generally 2 Reducing	Note: for vitrd clay splits see Manholes code 8200	a Ramped
		7 Traps	1 Gulley 2 Grease 3 P trap 4 Interceptor		
		8 Access pipe 9 Sundries			
7 DRAINAGE (Continued)	7 Inspection chambers	1 Existing 2 Manholes 4 Extra for 5 ...mm depths 6 Holes 8 Specials 9 Sundries	1 Changes 1 Various 1 Various 1 sizes 1 Various 1 Septic tank 2 Soakaways 1 Step irons 2 Lifting key		
	8 Inspection chambers, tanks (measured outsd)	1 Excavator	1 Excav ne 2m 2 Excav exc 2m 3 ROC ne 1.5m 4 ROC exc 1.5m		



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
			5 De-water 6 Cart away 7 Backfill insitu 8 Import backfill 9 Stone backfill		
		2 Concrete formwork Reinforcement	1 Conc bottoms 2 Conc slabs 3 SO&C bottom 4 SO&C top 5 Form slab 6 Form edge 7 Form sump 8 Reinforcing	a Finished smooth c reb opening	
		3 Precast	1 Cover	a Opening size	
		4 Brickwork	1 1/2 Brick wall 2 One brick wall 3 Stacked block 4 Corbel 5 Hole 6 PVC sheet		
		5 Metalwork	1 Corrugated iron 2 MH covers 3 Pavement MH cov 5 Meter boxes 6 Valve boxes 7 Hydrant covers 8 Loose keys 9 Step iron		
		6 Plaster etc.	1 Screed bottom 2 Benching 4 Plaster internal 5 Plaster external 6 Plast ext w/proof	a narrow widths b to falls	
		7 Plumber	1 PVC channel 2 Channel bend 3 Channel junction 4 Taper 5 EW channel 6 Channel bend 7 Channel junction 8 Taper 9 Interceptor	j 100mm m 150mm n 200mm	
		8 Cast iron	1 Step iron 2 Lift key 3 MH covers 4 Grating		
7 DRAINAGE (Continued)	9 Precast concrete manholes	1 Manhole	1 Bottom ring 2 Taper 3 Top ring		
8 STORMWATER DRAINAGE	1 Concrete pipe	1 Class A collar 2 Class B collar 3 Class C collar 4 Class D collar 5 Class C COD 6 Class D COD	1 ne .75m deep 2 ne 1.5m deep 3 ne 2.25 deep 4 ne 3.0m deep 5 ne 3.75 deep 6 ne 4.5m deep	m 150mm p 225mm q 300mm r 375mm s 450mm t 525mm u 600mm	
	2 PVC pipe	1 In ground (no ex) 2 inc excavation	1 ne .75m deep 2 ne 1.5m deep 3 ne 2.25 deep 4 ne 3.0m deep 5 ne 3.75 deep 6 ne 4.5m deep		
		3 Fittings	1 Bend		
	3 Pitch fibre pipes	1 In ground (no ex) 2 inc excavation 3 Perforated	1 ne .75m deep 2 ne 1.5m deep 3 ne 2.25 deep 4 ne 3.0m deep 5 ne 3.75 deep 6 ne 4.5m deep		
		4 Fittings	1 Bend		
	5 Catchpits and Inspection Chambers	1 Sumps 2 Manholes	1 Size 1 Size		



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
		3 Precast M/H	1 Size		
		5 Covers & frames	1 Size		
		6 ...mm depths	1 Size		
		7 Holes for catchpits	1 Size		
		9 Sundries	1 Step irons 2 Lifting key		
	6 Catchpits chambers, tanks etc. (measured outsd)	1 Excavator	1 Exc ne 2m 2 Exc ex 2m 3 ROC ne 1.5m 4 ROC ex 1.5m 5 De-water 6 Cart away 7 Backfill insitu 8 Import backfill 9 Stone backfill		
		2 Concrete formwork Reinforcement	1 Conc bottoms 2 Conc slabs 3 SO&C bottom 4 SO&C top 5 Form slab 6 Form reb open 7 Form sump 8 Reinforcing 9 Mesh		
		3 Precast	1 Cover		
		4 Brickwork	1 1/2 Brick wall 2 One brick wall 3 Stacked block 4 Corbel 5 Hole 6 PVC sheeting		
8 STORMWATER DRAINAGE (Continued)	6 Catchpits etc (measured outsd)	5 Metalwork	1 Corrugated iron 2 MH covers		
		6 Plaster etc.	1 Screed bottom 2 Bench 4 Plaster internal 5 Plaster external 6 Plast ext w/proof	a to falls	
		7 Plumber	1 PVC channel 2 Channel bend 3 Channel junction 4 Taper 5 EW channel 6 Channel bend 7 Channel junction 8 Taper	j 100mm m 150mm n 200mm	
		8 Cast iron	1 Step iron 2 Lift key 3 Covers		
		9 Precast concrete manholes	1 Various		
	7 PRECAST CONCRETE STORMWATER CHANNELS	1 Sizes	1 Channel 2 Stop end 3 Angle 4 Junction 5 Dished end		
		9 Labours	1 Angles 2 Intersection		
9 BUILDERS WORK	1 Chasing	1 Brickwork 2 Concrete 3	1 Pipe ne 50mm 2 Pipe ne 100mm	a (small pipes) b (large pipes)	
	2 Holes	1 1/2 brick wall 2 1 brick wall 3 Cavity wall 4 C/wall + conc cav 5 Roof 6 Roof & flashing 7 Ceiling	1 Pipe ne 50mm 2 Pipe ne 100mm 3 Pipe ne 150mm 4 Pipe ne 200mm		



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
		8 Timber fitting			
		9 Other	1 Pipe ne 50mm 2 Pipe ne 100mm 3 Pipe ne 150mm 4 Pipe ne 200mm	a Tiling c S/Steel d Asbestos	
	3 Leave or form hole through concrete slab, wall etc	1 Concrete slab 3 Chamber 5 Concrete wall 7 Exist chamber	1 Pipe ne 50mm 2 Pipe ne 100mm 3 Pipe ne 150mm		
	4 Sleeve	1 Sleeve type and class	1 Pipe 2 Slow bend 3 Short pipes	c 25mm d 32mm e 40mm f 50mm h 75mm k 110mm m 160mm n 200mm	
	5 Encase pipe	1 Horizontal 2 Vertical 3 Bend 4 Junction 5 Fitting 6 Thrust blocks	1 Concrete 15mpa 2 Concrete 20mpa	f 50mm pipe h 75mm pipe j 100mm pipe m 150mm pipe n 200mm pipe	
9 BUILDERS WORK (Continued)	6 Excavation sundry	1 Filling	1 In-situ 2 Imported 3 Cart away 4 EO rock	a Brickwork b Mass concrete c Reinf concrete d Soft rock e Hard rock	
	7 Concrete	1 IE block 2 Thrust block	1 Size		
	9 Test	1 Identification 2 Sterilization 3 Test	1 Generally 2 Drainage 3 Water 4 Sanitary 5 Fire 6 Rainwater		
COMPRESSED AIR/GAS LINES ETC	Uses the same codes as for Water above				



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
## e ELECTRICAL ##					## e ELECTRICAL ##
1 MAIN SUPPLY & EQUIPMENT					
2 DISTRIBUTION BOARDS	1 High tension 2 Low tension				
3 CABLES	1 Cables	1 Type	1 Size	a on rack b in trunking c in power skirt d in sleeve	
	2 Cable termination	1 Type	1 Size		
	4 Cable trunking	1 Ladders	1 Type		
	5 Notices				
	6 Sleeves				
	7 Excavations				
	8 Protection				
4 CONDUIT	1 Conduit 2 Sleeves				
5 CONDUCTORS & EARTHING	3 Earth conductors	1 Conductor 2 Earthing	1 Type		
6 DRAW BOXES, OUTLETS & CONTROL POINTS					
7 FITTINGS	1 Isolators 2 Plugs 3 Connections 4 Light switches 5 Light fittings				
8 SUNDRY & TEST					
9 ESTIMATING	1 Connections	1 Municipal 2 Main 3 Meters			
	2 Transformers	1 Transformer 2 Mini-sub			
	3 Areas	1 Warehouse 2 Factory 3 Shop 4 Supermarket 5 Offices 6 Flats			
	4 Systems	1 GPO instal 2 Intercom 3 TV 4 Fire alarm			
	5 Distribution boards	1 Main 2 Sub 3 Earthing			
	6 Cables	1 Surface 2 Underground	1 10mm 2 16mm		
9 ESTIMATING (Continued)	7 Installations	1 Light points	1 Ceiling 2 Wall	a Double d two way	
		2 Tel etc	1 Telephone point 2 TV point 3 Bell point 4 Intercom point 6 Warning lights		
		3 Plugs	1 Single 2 Double 5 Ceiling power pnt		
		4 Connections	1 Stove point 2 Geyser point 3 Instant heater 8 Pool connection		



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
		8 Sleeves	1 32mm 2 50mm 3 76mm 4 100mm		
		----- 9 Boxes	----- 6 GPO		
	8 Fittings	1 Light fittings	1 Bulkhead 2 Waterp bulkhead		
		----- 2 Fluerescent	----- 1 Single tube 2 Double tube	a single b Inter connected	
		----- 3 Inside fittings	-----		
		----- 4 Outside fittings	-----		
		----- 5 Other	----- 1 Door bell 2 Wall heater	a Battery operated	
		----- 6 Equipment	-----		
		-----	-----	-----	-----



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
## G GLAZING ##					## G GLAZING ##
1 STANDARD GLASS	1 Clear Float 2 Obscure Float 3 Georgian wired 4 Rough cast	1 Thickness: 3mm 2 4mm 3 5mm 4 6mm	1 Generally 2 Area: ne 0.1m2 3 ne 0.5m2 4 ne 2m2 5 ex 2m2	a To timber sashes b To steel sashes c To aluminium d In partitions	a Moulded corners b Circular c Irregular
2 NON STANDARD	1 Laminated 2 Toughened 3 Heat 4 Solar shield	1 Type	1 Generally 2 Pane size	a To timber sashes b To steel sashes c To Aluminium	
3 SPECIALS	1 Patterned 2 Bent 3 Patent glazing				
4 MIRRORS	1 Plate	1 6.5mm	1 Size		
8 LABOURS	1 Bevelled edge 2 Polished 3 Internal mitre 4 Holes 5 Scallops				
9 SUNDRIES	1 Shelves 3 Louvres 4 Sealants 5 Gaskets				



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
## V PAINTING ##					## V PAINTING ##
1 NATURAL PAINTS ON PLASTER, BRICK CONCRETE OR PLASTERBOARD WALLS AND CEILING	1 Limewash 2 Distemper 3 Cemwash 4 Linseed oil 5 Brick dressing 6 Wax polish	1 External walls 2 External ceiling 3 Internal wall 4 Internal ceiling 5 Partitions 6 Timber 7 Floor 8 Balustrading	1 Skimmed plaster 2 Smooth plaster 3 Concrete 4 Stipple plaster 5 Bagged 6 Fair face 7 Fibre boards 8 Quarry tile	a Generally b ne 150mm wide c ne 300mm wide	
2 ARTIFICIAL PAINTS ON PLASTER, BRICK CONCRETE OR PLASTERBOARD WALLS AND CEILING	1 Type 2	1 External walls 2 External ceiling 3 Internal walls 4 Internal ceiling 5 Partitions 6 7 Horizontal surf 8 Balustrading	1 Skimmed plaster 2 Smooth plaster 3 Concrete 4 Stipple plaster 5 Bagged 6 Fair face 7 Fibre boards	a Generally b ne 150mm wide c ne 300mm wide	
3 SPECIAL COATINGS ON PLASTER, BRICK CONCRETE OR PLASTERBOARD WALLS AND CEILING	1 Type 2	1 External walls 2 External ceiling 3 Internal walls 4 Internal ceiling 5 Partitions	1 Skimmed plaster 2 Smooth plaster 3 Concrete 4 Stipple plaster 5 Bagged 6 Fair face 7 Fibre boards	a Generally b ne 150mm wide c ne 300mm wide	
4 METAL	1 Prime only 2 Touch up & enamel 3 Chromate prime & enamel 4 Plumbate prime & enamel 5 Plumbate prime & enamel 6 Prime & epoxy 7 Prime & P/Ureth	1 General surfaces 2 Frames & linings 3 Doors 4 Windows 5 Roof truss 6 Metal Roof 7 Balustrade 8 Security grille 9 Sundries	1 Generally 2 With glazing bars 3 With louvres 4 With burglar bars 5 Louvres 1 Generally 2 Fencing 1 Handrails 2 Pipes 3 Bars/Rails	a Generally b ne 50mm diam c ne 100mm diam d ne 150mm diam a ne 150mm b ne 300mm	
5 TIMBER	1 Prime only 2 Enamel 3 Acrylic finish 4 Natl wood finish 5 Sealers 6 Varnish 7 Urethane varnish 8 9 Specials	1 External 2 General surf 3 Frames & linings 4 Doors 5 Sashes 9 Sundries	1 Generally 2 With glazing bars 3 Glazed 4 Louvred 1 Beads, cornices, handrails, skirt ings and cills	a Generally b ne 150mm wide c ne 300mm wide a Generally b ne 150mm c ne 300mm	
6 PIPES ETC	1 PVC 2 Acrylic 3 Mat enamel 4 Gloss enamel 7 Banding 8 Letters 9 Specials	1 Gutters 2 Inside gutter 3 Downpipes 4 PVC pipes 5 Steel 7 Copper 8 Cast iron	1 ne 50mm wide 2 ne 100mm wide 3 ne 200mm wide 4 ne 300mm wide		
7 SPECIALS	1 Signwriting 2 Road markings	1 Type 1 White 2 Yellow	1 Boards 1 Lines 2 Letters 3 Arrow		
8 SUNDRIES	1 AC eaves & verge 2 Quarry tiles 3 Extern facebrick 4 Polishing	1 Type 1 Internal 2 External 1 Type	1 Generally 3 ne 300mm wide		
9 REDECORATION	1 Natural paints	1 Limewash	1 External walls	a Skimmed plaster	a Generally



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
	on plaster, brick concrete or plasterboard walls and ceiling	2 Distemper 3 Cemwash 4 Linseed oil 5 Brick dressing 6 Wax polish	2 External ceiling 3 Internal wall 4 Internal ceiling 5 Partitions 7 Timber	b Smooth plaster c Concrete d Stipple plaster e Bagged f Fair face g Fibre boards	b ne 150mm wide c ne 300mm wide
	2 Artificial paint on plaster, brick concrete or plasterboard walls & ceiling	1 PVA 2 Poli-acrylic 3 Super acrylic 4 Satin sheen acrylic 5 Eggshell acrylic 6 Textured acrylic 7 Masonry 8 Enamel	1 External walls 2 External ceiling 3 Internal walls 4 Internal ceiling 5 Partitions	a Skimmed plaster b Smooth plaster c Concrete d Stipple plaster e Bagged f Fair face g Fibre boards	a Generally b ne 150mm wide c ne 300mm wide
	3 Special coatings on plaster, brick concrete or plasterboard walls & ceiling	1 Type 2	1 External walls 2 External ceiling 3 Internal walls 4 Internal ceiling 5 Partitions	a Skimmed plaster b Smooth plaster c concrete d Stipple plaster e Bagged f Fair face g Fibre boards	a Generally b ne 150mm wide c ne 300mm wide
	4 Metal	1 Prime only 2 Touch up & enamel 3 Chromate prime & gloss enamel 4 Chromate prime & mat enamel 5 Zinc prime and gloss enamel 6 Zinc prime and mat enamel	1 General surfaces 2 Frames & linings 3 Doors 4 Windows 5 Roof truss 6 Metal Roof 7 Balustrade 8 Security grille 9 Sundries	a Generally a Generally b With glazing bars c With louvres d With burglar bars a Generally b Fencing a Handrails b Pipes c Bars/Rails	a Generally b ne 150mm diam c ne 100mm diam d ne 150mm diam e ne 200mm diam a ne 150mm b ne 300mm
	5 Timber	1 Enamel 2 Egshell 3 Acrylic finish 4 Natural wood finish 5 Sealers 6 Varnish 7 Urithane varnish 8 Prime only 9 Specials	1 External 2 General surf 3 Frames & linings 4 Doors 5 Sashes 9 Sundries	a Generally a Generally b With glazing bars c Glazed a Generally b ne 150mm c ne 300mm	
9 REDECORATION (Continued)	6 Pipes etc	1 PVA 2 Acrylic 3 Mat enamel 4 Gloss enamel 9 Specials	1 Gutters 2 Inside gutters 3 Downpipes 4 PVC pipes 5 Steel pipes 7 Copper pipes 8 Cast iron pipes	a ne 50mm diam b ne 100mm diam c ne 200mm diam d ne 300mm diam	
	7 Specials	1 Signwriting 2 Road markings	1 Type 1 Lines 2 Letters 3 Arrow	a Boards	
	8 Sundries	1 Eaves & verges 2 Quarry tiles 3 Facebrick 4 Polishing	1 Generally 2 Boards 3 ne 150mm wide 4 ne 300mm wide 1 External 2 Internal	a ne 150mm wide b ne 300mm wide	



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
## s SITEWORKS ##					## s SITEWORKS ##
1 CLEAR SITE	1 Demolish	1 Brickwork 2 Concrete 3 Buildings	1 Description		
	2 Clear site	1 Strip 2	1 Clear 2 Clear & remove 3 Clear, remove &	a Hectare b m2 c Lump sum	
	3 Remove	1 Hedges 2 Fences	1 Description		
	4 Remove trees	1 Trees 2 Stumps	1 Girth: ne 200mm 2 ne 400mm 3 ne 600mm 6 1m-2m 7 2m-3m		
2 BULK EARTHWORKS	1 Excavate	1 Reduce levels 2 Cut to fill 3 Cut to spoil 4 Cut to stockpile 5 In underpinning 6 V channels 7 Pipes 8 Cables	1 Depth: ne 2m 2 ne 4m 3 ne 6m 1 Size		
	2 Extra over	1 Soft rock 2 Intermediate material 3 Hard rock 4 Brickwork 5 Concrete 6 Reinforced conc	1 Generally		
	3 Risk items	1 Risk of collapse 3 De-watering	1 Depth: ne 1.5m 2 ex 1.5m 1 Generally 2 Pump 3 Well point		
	4 Cart away	1 To spoil 2 Off site 6 Overhaul	1 Generally 2 Distance: ne 500m 3 ne 3km 4 ne 10km	a within 1 km c in excess of 1 km	
	5 Filling	1 Compact only 2 Scarify/compact 3 In-situ filling 4 Carted filling 5 Sand filling 6 Crusher run fill 7 Gravel filling 8 From borrow pit 9 From spoil dump	1 Bulk 2 Thickness: 50mm 3 75mm 4 100mm 5 150mm 6 200mm 7 300mm	a stabilised b 93% MOD AASHTO c 95% MOD AASHTO d 98% MOD AASHTO	
	6 Stabilize	1 Straw 2 Lime 3 Cement	1 Generally 2 Rotovated		
3 PAVING	1 Under layers	1 Sub grade 2 Crusher dust 3 Crusher run 4 Sub base 5 Gravel 6 Basecourse 7 Ferricrete 8 Crushed stone	1 Bulk 2 Thickness: 50mm 3 75mm 4 100mm 5 150mm 6 300mm	a stabilised b 93% MOD AASHTO c 95% MOD AASHTO d 98% MOD AASHTO	
3 PAVING (Continued)	2 Upper layers	1 Weed killer 2 Tack coat	1 Type		
	3 Surface layers	3 Chip & spray 4 Premix 5 Slurry seal	1 Thickness 25mm 2 30mm 3 35mm 4 40mm 5 45mm 6 50mm		



CCS SUGGESTED STANDARD OF CODES

1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division
	4 Pavings	1 Paving slabs 2 Interlock blocks 3 Brick paving 4 Faced paving 5 Brick edges	1 Type		
	5 Precast	1 Edging 2 Kerbs 3 Channels 4 Kerb/channels 5 V-channel 6 Barrier 7 Barrier/chan	1 Size	a Straight b Long curve c Short curve d Stop end e Angle f Intersection	
4 RETAINING STRUCTURES	1 Stone pitching 2 Gabions 3 Precast 4 Propty crib walls	1 Stone size	1 Cube 2 m2		
5 STORMWATER	1 Precast	1 Channel 5 V-channel 8 Headwalls	1 Size 1 Size	a Straight b Long curve c Short curve d Stop end e Angle f T Intersection g Dished end	
	2 Concrete pipe	1 Class 100D 2 Class 125D	1 Depth: ne .75m 2 ne 1.5m 3 ne 2.25 4 ne 3.0m 5 ne 3.75 6 ne 4.5m	m Diameter: 150mm p 225mm q 300mm r 375mm s 450mm t 525mm	
	3 Pitch fibre pipes 4 UPVC pipes 5 Earthenware pipes	1 In ground including excavation 2 Excav elsewhere			
6 PLUMBER	6 Sumps 7 Manholes 9 Sleeves	(see plumber) (see plumber) (see plumber)			
7 FENCING	1 Barbed wire 2 Diamond mesh 3 Security 6 Precast fencing 8 Gates	1 Type 1 Plain 2 Exposed aggregate 3 Timber infill 1 Type	1 Height 1 Height 1 Size	a End post b Intermediate post c corner post	
8 STRUCTURES	1 Huts 2 Covered parking 3 Precast garages 4 Other garages 7 Swimming pools	1 Type 1 Shaded 1 Sizes 2 2 Timber 3 Precast r.c.plank 1 Const. Material	1 Single 2 Double 1 No rear door 2 with single door 1 Single 2 Double 1 size	a With window type b With window type	
9 MUNICIPAL CONNECTIONS	1 General	1 All connections 2 Water	1 PC 2 Allowable		