

Str	CONCRETE	REV	All sizes in mm (w x d)
D11	Foundations:		
11.1	Pad Footings to Columns		2000 x 2000 x 500
11.2	Strip Footings Under Brickwork		690 x 230
11.3	Downstand Groundbeam	C	400 x 500
11.4	R conc footing to conc core walls	C	1800x300
11.5	Pad Footings to Columns		1500 x 1500 x 400
D12	Surface Beds		
12.1	Surface Bed to Offices		120
12.2	Surface Bed to Loading Area	D	220
12.3	Surface Bed to Repositories	D	220
D13	Floor and Roof Slabs		
13.1	Ground Slab to Repositories Block B/C		340
13.2	Ground Slab to Repositories Block D		340mm thick + 2200x2200x 300 mm panels
13.3	U/G Floor slab to Repositories		340
13.4	U/G Floor slab to Offices		255
13.5	Roof Slabs	D	200
13.6	Concrete to Ramp	D	120
13.7	Recess in Slab for external surfacing	B	85mm recess
13.8	Upper Admin Foyers, Topping over slab	E	85x255mm
13.9	U/G Floor ground-slab to Repositories	E	255
D14	Downstands Beams		
14.1	Downstand Beam to Office U/G Floor Slab (Grid 16 internal edge)	C	300 x 680 (255 slab)
14.1.2	Increased depth to downstand Beam	C	300 x 1530 (255 slab)
14.1.3	Grid 16 1/5-T		
14.1.3	Increased depth to downstand Beam	C	300 x 1020 (255 slab)
14.2	Downstand Beam to U/G Floor Office Slab along Grid V-W16, V-W17, W16-18	B	300 x 680
14.3	Upstand beams		
14.4	Upstand Beam to Office Slab along Grid 15 (External Edge)		230 x 935
14.5	Upstand Beam to Roof Slab - Admin entrance		230 x 200

14.6	Beam above Circular Columns U/G Ceiling lev. Grid 19	B	415 x 380
14.7	120x1000	B	120x1000
14.8	Concrete Beam U/G at apex G16/V-W	C	230x510
14.9	Concrete beam to repository columns	C	310x995
14.10	Conc ribbeam to Rm A-3		310x510
14.11	Conc sunshade projection to Rm A-3	D	1300x200
D15	Concrete Columns		
15.1	Square Columns to Repositories		400 x 400
15.2	Rectangular Columns to Repositories		400 x 600
15.3	Square Columns to Office Area	A	300 x 300
15.4	Round Columns to Office Area		300 dia
15.6	R conc Columns to Office Area, new Grid 17	C	230 x 300
D16	Structural Walls		
16.1	Off-shutter reinforced concrete wall. Repositories		200
16.2	Off-shutter reinforced concrete wall. Admin at Grid 18	B	230
16.3	Off-shutter reinforced concrete wall. Admin at Grid 16-18W	C	230
16.4	Off-shutter reinforced concrete wall. Admin at Grid 16P-Q	C	230
16.5	340mm R conc core Brickwork wall	C	340
16.6	340mm R conc core brickwork wall P+P	C	340
M17	Structural Steel Columns / Beams		
17.1	Columns: Universal Steel Column - Office & Processing - Gr19	D	203 x 133 x 30
17.2	Columns: Universal Steel Column - Repositories	D	203 x 203 x 46
17.3	Sub Columns: Universal Steel Columns- Offices, Grid 14	D	203 x 133 x 30
17.4	Beam across Grid 14: Universal Steel Beams		254 x 146 x 43
17.5	Valley Beams, Gr 14+16+18	D	203 x 203 x 46
17.6	Rafters: Universal Steel Beams - Office & Processing		203 x 133 x 30
17.7	Rafters: Universal Steel Beams - Repositories		254x146x43
17.8	Lattice trusses- Repositories. 600Mm depth	B	600 Depth
17.9	Columns: Universal Steel Column - Office & Processing Gr14	B	203 x 203 x 46
17.10	Columns: Universal Steel Column - as Rafter to Grid 14-18V	C	203 x 203 x 46
17.11	Inclined Univ column for cladding	C	152x152x23
M18	Structural steel - Lipped channels		
18.1	Purlins to Office and Processing Area at 1200 c/c (0.8 Aluminium Brownbilt Sheet)	D	125 x 65 x 20 x 2.5
18.2	Purlins to Repositories at 1300 to 1650 c/c (0.9 Aluminium Brownbilt Sheet)	D	175 x 65 x 20 x 2.5
18.3	Girts - Lipped Channels	C	175 x 65 x 20 x 2.5
18.4	Lipped channel studs for fire proof ceiling at 1200c. To same bearer hung from truss		100 x 75 x 20 x 2.5
18.5	Purlin verge trim. GMS Angle	D	70x70x6
18.6	Purlin raking apex trim - Lipped Channels	D	175 x 65 x 20 x 2.5
M19	Structural Steel Ramp / Stair stringers		
19.1	Stringer to Ramp - Channel	B	260 x 90 x 34
19.2	Stringer to Stairs - Channel	B	260 x 90 x 34
19.3	Column Bracing to Stringers- U.Col	D	254x146x43
M20	Structural Steel Bracing		
20.1	Circular Hot Sec Bracing to repository columns	C	139x5
20.2	Repository brickwork wall brace U.Col	D	Omni
20.3	Curtain wall bracing. Rect Hot/Sec	C	160x80x4



Project Description :

Kloof Archives Repository and Print Facility for the City Hall Administration Secretariat Unit, eThekwni Municipality, At 11 Emolweni Road, on Lot 5454 of Kloof.

Contract No. CSA / 2361

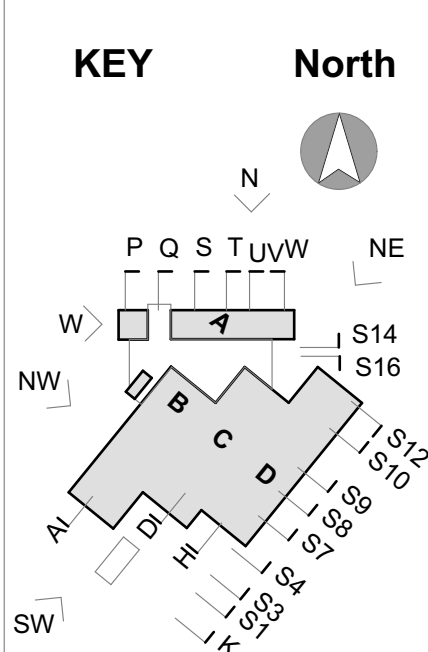
DRAWING TITLE

Section P. Detail 1. 3.

Designed	P.D.	Signed	
Drawn	P.D.	Name	

Scale/s	1 : 5 (A1)	Date	2020.06.30
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Drawing No.	A - 336 . _	Revision	
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Foundations and Ground Slabs D11 Conc Foundations per Str Eng Spec/Legend. D12 R. conc Surface bed per Str Eng Spec/Legend. F.30 Substructure – 230mm Brickwork wall, Face brickwork exposed Substructure – R.conc core wall, Face brickwork exposed. Refer Str D16.5 F.31 230mm Brickwork wall, Facebrick externally, with plaster/ int. finish per spec 504 F.32 270mm Brickwork insulated wall, F/bwk externally per spec F.33 300mm Brickwork insulated wall, P/Paint externally per spec F.34 340mm Height Face-brickwork dado. G.7 DPM 170 micron Under Surface Bed G.8 DPC 375 micron over foundation walls G.21 Subsoil Bitumen, Polyester and Glass Fibre Waterproofing Membrane G.23 Agricultural Drain in Stone Surround Superstructure Concrete Work: D13 R. conc Slab per Str Eng Spec/Legend. D14 R. conc Slab edge beam / Beam per Str Eng Spec/Legend. D15 R. conc Column per Str Eng Spec/Legend. D16 Structural wall per Str Eng Spec/Legend. Off shutter Concrete Finishing D.34 Off-shutter Finish to concrete work. Type. Smooth Off shutter. D.35 Off-shutter Finish to concrete work. Type. Smooth-Special Off shutter. D.36 Off-shutter Finish to concrete work. Type. Special -Off Form Textured shutter. D.37 Off-shutter Finish to concrete work. Type. Special -Off Form Linear shutter.	Brick Work: F.33 230mm superstructure brickwork with plaster, Int finish per spec 504 F.34 115mm superstructure brickwork with plaster, Int finish per spec 504 F.35 230mm Brickwork wall, Facebrick externally, with plaster/ int. finish per spec 504 F.36 270mm Brickwork insulated wall, F/bwk externally per spec F.37 270mm Brickwork insulated wall, P/Paint externally per spec F.38 300mm Brickwork insulated wall, P/Painted externally per spec F.39 115mm superstructure Facebrick lining to concrete wall. F.40 340mm Height Face-brickwork dado. F.43 Facebrick finish Firelight Satin FBX F.44 Facebrick finish Black Brick Satin FBX F.45 Facebrick finish laid to pattern	Structural Steel Work: M17 Structural steel Columns and Beams per Str Eng Spec M18 Galvanized mild steel Purlins/Girts per Str Eng Spec M20 Structural steel bracing per Str Eng Spec Ramps and Stairs: M19 Structural steel stringer to Ramps/Stair with concrete infill per Str Eng Spec Insulation and Waterproofing: G.14 Waterproofing Membrane to Concrete Roof G.15 50mm EPS Hydroboard Over Waterproofing Insulation G.16 40mm Stone Ballast to Roof H.14 Over Purlin Roofing Insulation. 75Mm Glass-wool Blanket Roofing / Cladding, Sewer and Rain Water H.12 Standing Seal Concealed fx 406 Al. Roof Sheetting - 0.8mm H.13 Standing Seal Concealed fx 406 Al. Roof Sheetting - 0.9mm Q.25 150 mm ø full bore outlet. Q.28 Storm-water attenuation per Civil Eng Design refer Dwg No... Q.32 250 x 130 mm Seamless GRP Gutter to Admin Block Q.33 400 x 180 mm Seamless GRP Gutter to Repository Q.35 160mm ø uPVC Rain Water Down Pipe Q.36 200mm ø uPVC Rain Water Down Pipe N.40 Aluminium facade system. Luxalon F150 system. N.41 Aluminium Side wall cladding. Brownbilt profile	Components Joinery: I.14 Timber screens. Hardwood timber slat screen, African Mahogany I.15 Timber panelling. Hardwood veneered, 12mm Plywood facing. I.16 Joinery fittings / shelving to Fittings sched. A2361-505 Balustrades and Handrails: N.20 Balustrade per metalwork schedule Doors: N.25 Aluminium Doors to Schedule N.26 Steel clad door per Door schedule A2361-520 N.27 Timber door per Door schedule A2361-520 N.28 Aluminium Roller Shutter Door per Door schedule A2361-520 Windows: E.12 Precast concrete window cills. N.30 Aluminium Windows to Sched N.31 Aluminium Window wall to Sched Metalwork – Louvres: N.32 Aluminium Louvres to Metalwork Sched E.14 Precast concrete Louvre Vent Block Metalwork – General: N.33 Painted gms access ladders to Metalwork Sched A2361-505	Finishes Ceilings: J.9 Suspended Flush P/board in 9mm Board, incl Bulkheads J.10 90 Minute Fire Rated Internal Suspended Flush Plasterboard Ceiling J.11 Suspended Flush P/board in 12mm Moisture Resistant Board, incl Bulkheads J.12 Suspended Heradesign Acoustic Ceiling Tee System J.14 Aluminium Suspended Ceiling System J.18 50mm FR EPS, Sheet clad ceiling panel Floor Coverings and Tiling: K.4 Entrance Floor Matt K.5 Textured Epoxy Finish to Concrete Floor K.8 Carpet P.10 Non slip Porcelain Tiles P.11 Ceramic Walls Tiles to plastered walls P.18 Terrazzo Non-slip tile finish P.19 Terrazzo tile- Classic Polished finish Wall finishes / Partitioning J.15 2 hour Fire Rated Internal Flush Plasterboard Partition J.16 50mm FR EPS, Sheet clad wall paneling J.17 80mm FR EPS, Sheet clad wall paneling J.24 Acoustic Flush Plasterboard Partition S.13 2 Hour Fire Rated Intumescent Coating as Protection to Structural Steelwork.	External Works U.8 Existing Civic Building to be protected during construction U.9 Retained Dwelling Unit to be protected during construction U.10 Remove existing pre-cast fence around cell phone mast U.12 Demolish existing Dwelling Unit, Garage, Driveway and Fence U.15 Create new driveway from Emolweni Road U.16 New boundary fence to MW schedule U.19 Gabion Rock Retaining Wall to Civil eng detail. U.21 Clay Paving Bricks to Walkways U.22 Concrete Paving Bricks to Driveways and Parking Bays U.23 Relay Asphalt to existing vehicle entrance off Abelia Road U.24 New Asphalt driveway to allow access to HVAC, Generator and MV Room U.26 Soft Landscaping. Tree type to be specified. U.27 Soft Landscaping. Grassing to be specified. U.28 Existing Trees to be protected during construction U.29 External Signage to Schedule A2361-507
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