

NORTH EAST ELEVATION (OTTO STREET)
scale 1 : 100

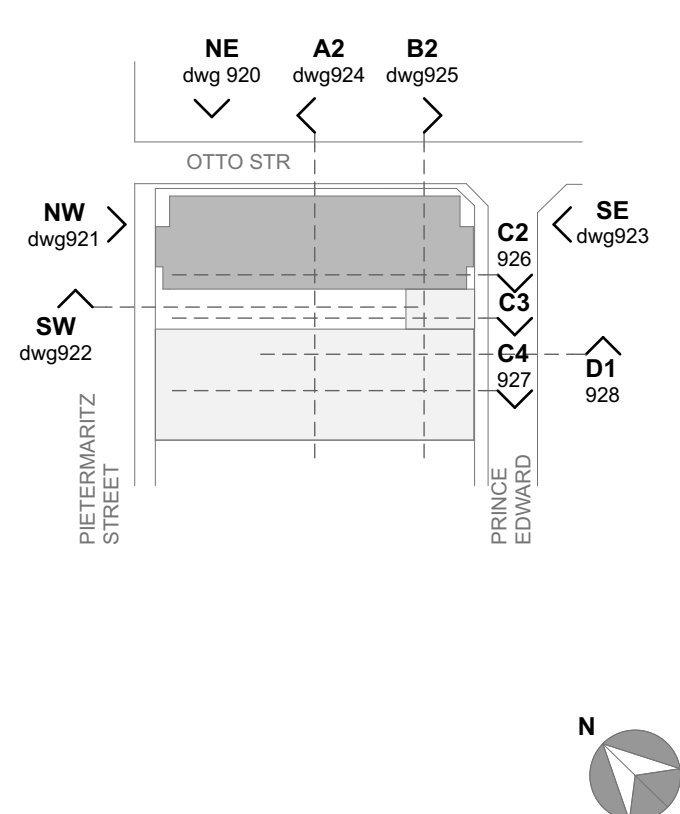
	Proposed works: Construction Notes
Note	Note all sizes for structural work to be in accordance with Str Eng drawings, layouts and specifications. Discrepancies with architectural layouts to be brought to architect's attention.
	External works / service connections
1	Realignment of kerb edge to roadway
2	Extension of existing storm water inlets to new alignment
3	Existing driveway scoop enlarged.
4	Existing driveway scoop retained.
5	Removal of existing driveway access. Reinstate pavement
	Demolition works
10	Existing brickwork building to be removed.
11	Foundations grubbed up.
11	Portion of existing conc framed building to be removed.
12	Remove ex. Ramp and stair. Lev 1 aperture at Grids C-E/38-41.
13	Remove slab for new entrance Grids F-H/387-41.
14	Removal of column and beam over, to existing conc frame.
15	Remove existing surface bed

	Structural work Garage block (Lev 0 - Lev 3).
20	New loadbearing brickwork wall. Supporting slab over. Onto strip footings. All per str eng layout/spec
21	New column to match existing on building perimeter wall
22	New columns onto extensions of ex. conc footings
22	Columns 460x220mm Footing increase width by 300mm
23	
24	New ramp 250mm r. conc to str eng dtl Lev 0-1 Grade 1:5 with 30m vertical transition curve at each change in level.
25	Slip joint at ramp edge with R. conc shear wall to office block.
26	Conc. Channel with Mentis grate over
27	New conc slab / beams to Sr Eng spec. 140mm slabs 600/850mm depth beams
28	New Concrete columns (Lev 2-3) onto ex. Garage roof.
29	New conc roof slab (Lev 3). 140 mm slab, Upstands 600x200mm
30	New str. Steel Portal over roof deck parking
31	New gms purlins (prov 175x75x20x3) with roof sheeting over.
32	ScreeDs to falls on ex. Roof deck
33	
34	Cast conc wall. Lift core, 150-200mm thickness (refer str eng dtl)
35	Cast conc wall. 200mm thickness (refer str eng dtl)
36	150mm conc balustrade wall to new slab edge

	Structural work Office block (Lev 0 - Lev 9).
50	New piled foundations to S.Eng spec, incl ground beams
51	New strip footings to bwk walls on Lev 0.
52	Dpc over all foundation walls at T.o.c of surface bed.
53	Dpm over compacted, poisoned fill under surface beds
54	Lev 0 Surface bed with screed over. Depth to S.Eng spec.
59	
61	New conc frame in 400x600 columns
62	New slabs in 275mm r.conc
63	Conc shear walls: 200mm per Str Eng schematic:
64	Shear wall surrounding lifts. All floors
65	Shear wall around escape stairs. All floors
66	Shear walls to GF / FF along length of building.
67	Battered wall. Inclined 200mm r.conc with prop. Tiled facing
68	
69	Conc stairs per layout, to Str Eng dwgs
70	New non-loadbearing brickwork walls.
71	Roofing. Structural steel portal framing per Str. Eng dwg/spec (Provisionally 305x160 UB)
72	Roofing. Gms purlins, (prov 200x75x20x3)
73	Roof covering. Sheet metal roofing, pierced fixing, factory colour coated. Zincalume base protection.
74	Roof insulation. To be selected, 100mm woven fabric glass fibre.

	Non-structural works
	Building envelope + Components
120	
121	New 170mm surface bed laid on compacted fill (refer str eng)/dpm
122	
123	Windows apertures. P/cast Lintel over, F.cement cill.
139	Rainwater gutter along slab edge.
140	Rwdp's Drain in s/water tanks
141	Steel tanked stormwater attenuation. 50 Cu m.
141	Bin area – screeded to fall to Gully. Standpipe over.
142	New transformer room trenches to Municipal std detail. Clear 600mm w x 900mm depth.
143	Landscaping. New planter. Over waterproofing
144	New louvre Z profile, aluminium.
145	Sun control. Perforated Aluminium sheet cladding, powder coated
146	Sun control louvre. Aerofoil, horizontal sunshading in panel secured to pressure glazed facade.
147	Sun control louvre. Filigree panels in horizontally aligned gms framed panels secured to concrete structure
148	Sun control louvre. Z profile shading in panels vertically aligned gms frames secured to concrete structure
149	Sun control louvre. Filigree panels in horizontally aligned gms framed panels suspended from + secured to conc structure

	Finishes
151	Flooring to schedule. Epoxy on screed.
152	Flooring to schedule. V.Sheeting on screed.
153	Trafficable epoxy / waterproofing on parking screeds
154	Walls. Timber cladding
156	Walls. Tiled
157	Walls. Paint and plaster
158	Walls – External finish Paint and Plaster
159	Walls – External finish Tiled
160	Fenestration. Horizontal sliding powder coated aluminium window system. Bwk / conc surrounds and sheet metal sills.
161	Fenestration. Curtain wall pressure glazed system to facade engineer's specification. Powder coated with performance glazing and incl opening sections for cleaning.
162	Fenestration. Curtain wall Flush glazed system to facade engineer's specification. Gms support framework.
164	Ceilings. Suspended tile to layout.
165	Ceilings. Suspended timber / aluminium system to layout.
166	Ceilings. Suspended Skimmed plasterboard to layout.
167	Ceilings. Slab soffits skimmed / painted



public works

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discipline

Architectural

service

**PART DEMOLITION AND CONSTRUCTION OF
NEW OFFICES FOR THE DIRECTOR OF PUBLIC
PROSECUTIONS, (DIVISION OF THE
NATIONAL PROSECUTING AUTHORITY)
FOR THE DEPARTMENT OF PUBLIC WORKS**
AT 286 PIETERMARITZ STREET, PIETERMARITZBURG
ON PORTIONS 7, 8, 9, 10, 12 OF 8 + 13 OF 12, ALL OF
LOT 2428 OF PIETERMARITZBURG

WCS number
050033

drawing title
**SUBMISSION DRAWINGS
NORTH EAST ELEVATION
(OTTO STREET)**

ref.no.

designed

scale 1 : 100 (A1)

drawn

date 23.01.2015

checked

DPW drawing number

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