



VERTICALITY TOLERANCES

1. TOP OF VENT POLE STAGE CENTRE-LINE IN RELATION TO TOP OF STAGE BELOW'S CENTRE-LINE SHALL BE WITHIN 10mm.
2. AT ANY HEIGHT FROM VENT POLE CENTRE-LINE : $\frac{H}{500}$

PLANS AND DOCUMENTS
referred to in the PDA APPROVAL

20 MAY 2016

MEDQ

LOT 5
SP 213464

EXISTING BUILDING

EASEMENT BOUNDARY

EASEMENT C
SP 213465

EASEMENT B
SP 213465

EXISTING ODOUR
CONTROL BUILDING

MARKWELL STREET

SITE PLAN
SCALE 1:100

AMENDED IN RED

19 MAY 2016

By: Tom Barker. (name)
MEDQ

Note: All references on the approved plan to staging relate to Construction sequencing only.
This PDA Development Approval is to be carried out as one stage.

SUGGESTED CONSTRUCTION SEQUENCE

1. CONSTRUCT FOOTING AND PLINTH.
NOTE: CONCRETE TO REACH 75% DESIGN STRENGTH PRIOR TO ERECTING STEELWORK.
2. INSTALL VENT PIPE DUCKFOOT BEND, ENSURING CORRECT ORIENTATION.
3. CLAMP UPVC PIPE INTO STAGE 1 SUPPORT FRAME TO SUIT HEIGHT OF DUCKFOOT BEND SOCKET.
4. INSTALL STAGE 1 FRAME AND PIPE. BRACKETS MAY BE LOOSENEED TO ADJUST PIPE FOR CORRECT SEATING IN SOCKET.
5. PLACE STAGE 1 SHELL OVER AND SUPPORT BY PACKERS. EVERY SECOND NUT SHOULD BE INSTALLED TO PREVENT OVERTURNING OF THE STACK DURING CONSTRUCTION.
NOTE: FINAL ADJUSTMENT OF BASEPLATE LEVELS, TIGHTENING OF ALL HD BOLTS AND GROUTING MUST OCCUR PRIOR TO INSTALLATION OF STAGE 4.
LEVELLING NUTS MAY BE USED BUT WILL NEED TO BE LOOSENEED PRIOR TO GROUTING; THIS MAY INVOLVE A HIT AND MISS GROUT SEQUENCE OR THE INSTALLATION OF PACKERS TO SUIT THE FINAL LEVELS.
6. INSTALL AND TIGHTEN SUPPORT RODS BETWEEN SUPPORT FRAME AND SHELL STIFFENER PLATE.
7. CLAMP UPVC PIPE INTO STAGE 2 SUPPORT FRAME TO SUIT HEIGHT OF PREVIOUS STAGE SOCKET.
8. INSTALL STAGE 2 SUPPORT FRAME AND BOLT INTO THE SHELL STIFFENER PLATE. BRACKETS MAY BE LOOSENEED TO ADJUST PIPE FOR CORRECT SEATING IN SOCKET.
9. INSTALL STAGE 2 SHELL TO REQUIRED SLEEVE FIT OVERLAP, CHECK VERTICALITY AND ADJUST AS REQUIRED.
10. INSTALL AND TIGHTEN SUPPORT RODS BETWEEN STAGE 2 SUPPORT FRAME AND SHELL STIFFENER PLATE.
11. CHECK VERTICALITY AND SITE WELD LAP BETWEEN SHELLS.
NOTE: WHERE THERE IS A GAP BETWEEN THE SHELLS, THE WELD SIZE IS TO BE ADJUSTED TO ENSURE DESIGN WELD LEGS ARE ACHIEVED.
12. REPEAT STEPS 7 THROUGH 11 FOR REMAINING STAGES.
13. INSTALL CAP PLATE, LIGHTNING ROD AND BIRD SPIKES.
14. INSTALL DN300 UPVC ANG FRP FEED PIPE.
15. INSTALL INSPECTION COVERS.

TOP OF VENT - 40m OPTION
RL 60.40

TOP OF VENT - 35m OPTION
RL 55.65

316SS VENT POLE
REFER SHEET 6

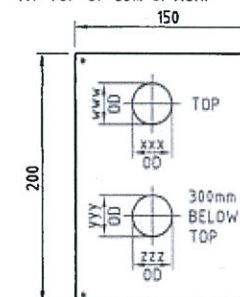
316SS VENT PIPE SUPPORT SYSTEM
REFER SHEET 7

DN300 MPVC VENT PIPE
REFER SHEET 8

EXISTING BUILDING

NOTE

1. PROVIDE ENGRAVED PLATE BESIDE INSPECTION OPENING SHOWING AS CONSTRUCTED VENT POLE DIMENSIONS AT TOP OF 35m OPTION:



AS CONSTRUCTED DETAILS FOR AMEND.

I CERTIFY THAT THE 'AS CONSTRUCTED' DETAILS SHOWN ON THIS PLAN ARE TRUE AND ACCURATE RECORD OF THE WORKS

SIGNED: _____ DATE: _____
NAME OF SIGNATORY
RPEQ No. or LICENCE
COMPANY NAME
START DATE FINISH DATE

Kellogg Brown & Root Pty Ltd

KBR

Kellogg Brown & Root Pty Ltd
ABN 91 007 650 317

KBR DRAWING NO. _____ REV. NO. 1
BEG553-002-DW-WE-GEN-0003

KEN VAHEESAN _____
NAME SIGNATURE DATE

QUEENSLAND URBAN UTILITIES DELEGATE
(AUTHORISED FOR 12 MONTHS FROM DATE SHOWN)

QUEENSLAND
UrbanUtilities

SHEET No. 3 OF

QUEENSLAND URBAN UTILITIES DRAWING No. AMEND.

486/5/6-0073-003 A

FOUNDATION
REFER SHEET 5

SECTION
SCALE 1:100

FOR CONSTRUCTION

ASSET/PROJECT

BEST STREET, BOWEN HILLS
ODOUR CONTROL FACILITY
REPLACEMENT VENT POLE

CONSTRUCTION INSPECTION:
NOTIFICATION OF INSPECTIONS MUST BE RECEIVED
BY QUEENSLAND URBAN UTILITIES SERVICES BRANCH
AT LEAST TWO (2) WEEKS PRIOR TO COMMENCEMENT
OF CONSTRUCTION
PLEASE CONTACT NAME - PHONE

DRAWING TITLE

SITE PLAN AND SECTION

SCALE 1:100

FUNDING				DRAFTED				S. UPTON				P. HOCKING				15575				22.03.16			
A	22.03.16	GATE ADDED	SDU	PH	15575	AP	DESIGN W.O. No.	PB014705	DRAFTING CHECK	P. LAS GOURGUE	15575	DESIGN	15575	15575	15575	R.P.E.Q. No.	DATE						
O	22.03.16	ISSUED FOR CONSTRUCTION	SDU	PH	15575	AP	CONSTRUCTION W.O. No.		CAD FILE	48556-0073-003	7920	S. DOSS	7920	7920	7920	R.P.E.Q. No.	DATE						
No.	DATE	AMENDMENT	DRAFTED	DESIGNED	RPEQ NO.	APPROVED	FUNDED BY Q.U.U. (✓)	EXTERNAL ()	Q.U.U. FILE No.	PI 16235		DESIGN CHECK				R.P.E.Q. No.	DATE						