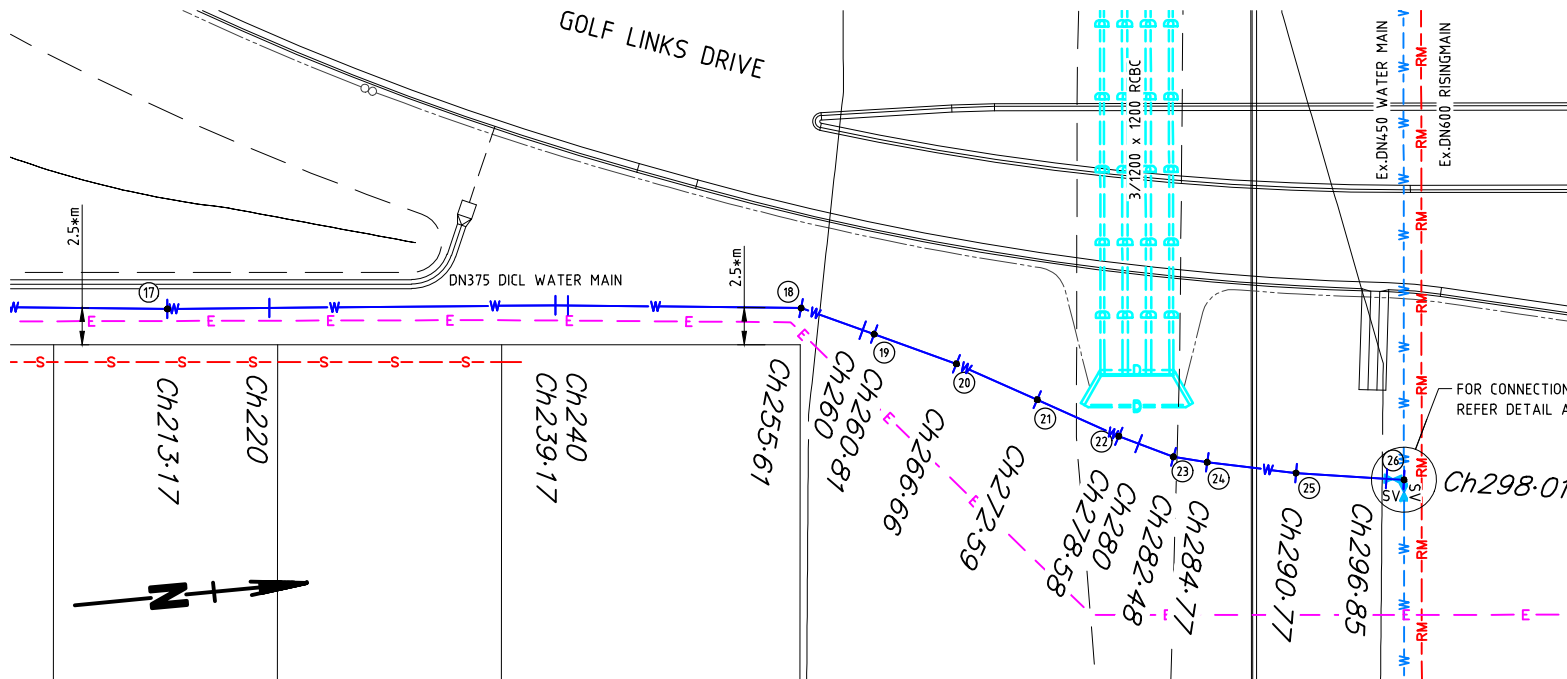


WATER MAIN
AS CONSTRUCTED

POINT	EASTING	NORTHING
1	19319.22*	30812.16*
2	19333.97*	30820.41*
3	19332.13*	30824.36*
4	19335.04*	30833.29*
5	19355.15*	30844.32*
6	19365.51*	30849.76*
7	19381.67*	30857.56*
8	19397.98*	30866.11*
9	19408.17*	30871.62*
10	19424.11*	30880.28*
11	19440.33*	30889.04*
12	19455.94*	30897.49*
13	19471.87*	30906.65*
14	19472.73*	30909.70*
15	19474.07*	30915.59*
16	19474.94*	30921.52*
17	19476.22*	30933.50*
18	19480.18*	30975.75*
19	19482.38*	30980.46*
20	19484.88*	30985.75*
21	19487.79*	30990.92*
22	19490.74*	30996.13*
23	19492.46*	30999.63*
24	19493.03*	31001.85*
25	19494.33*	31007.71*
26	19495.46*	31014.86*



WATER MAIN LAYOUT PLAN

SCALE: 1:250

WATER LEGEND:

- W — DN375 DICL WATER MAIN
- W — SV — DN375 VALVE
- - W - - W - - EXISTING WATER MAIN
- - D - - D - - EXISTING STORMWATER
- - S - - S - - EXISTING SEWER MAIN
- - E - - E - - EXISTING ELECTRICAL
- - RM - - RM - - EXISTING RISING MAIN
- ○ ○ ○ ○ EXISTING SUBSOIL & CLEANOUT POINTS
- - - - - TOE OF EXISTING LANDSCAPE MOUND
- - - - - TOP OF EXISTING LANDSCAPE MOUND
- ===== EXISTING CONCRETE INVERT

WATER NOTES:

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT STANDARD DRAWINGS LISTED IN THE DRAWING SCHEDULE.
- DN375 MAIN IS DICL PN20 PIPE, TYTON JOINED TO AS 2280 COMPLETE WITH POLYETHYLENE SLEEVING TO AS 3680 AND INSTALLED IN ACCORDANCE WITH AS 3681.
- WATER MARKER TAPE LAID ABOVE WATER MAIN AS PER SD-325.

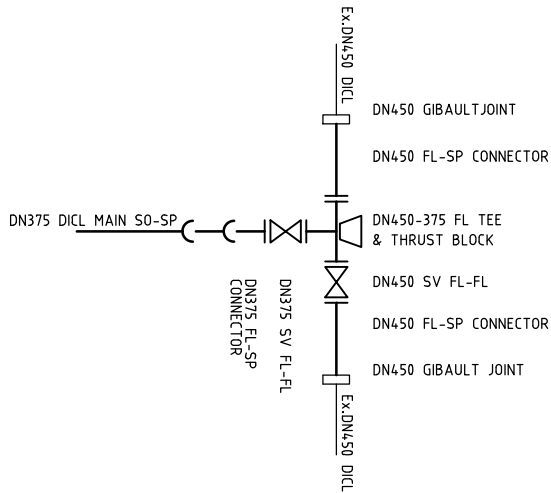
VERTICAL GEOMETRY GRADE

Datum R.L. 3.00

DEPTH TO TOP OF PIPE	-1.08*	-1.13*	-1.54*	-1.14*	-1.13*	-1.16*	-0.90*	-0.99*	-0.91*	-1.91*	-2.44*	-2.44*
EXISTING NATURAL SURFACE LEVEL	12.03*	12.02*	11.87*	11.61*	11.19*	10.24*	9.30*	9.24*	9.11*	10.01*	10.54*	10.54*
TOP OF PIPE	10.950*	10.695*	10.333*	10.469*	10.060*	9.088*	8.405*	8.251*	8.205*	8.101*	8.104*	8.137*
CONTROL LINE CHAINAGE	213.17*	239.17*	255.61*	260.81*	266.66*	272.59*	278.58*	282.48*	284.77*	290.77*	296.85*	298.01*

WATER MAIN LONGITUDINAL SECTION

SCALE: 1:100 VERTICAL; 1:250 HORIZONTAL



DETAIL A

NTS

AS CONSTRUCTED

Rowlands Surveys Pty Ltd (ACN 010 025 260)
Hereby certify that the works detailed on this drawing, denoted *, have been constructed to the dimensions and levels shown.

Laurence John Nolan
Director / Registered Surveyor

Date :

CONSULTING ENGINEERS

HEREBY CERTIFY THAT THE WORKS AS SHOWN ON THE "AS-CONSTRUCTED" DRAWINGS REFLECT ANY CHANGES THAT WERE MADE DURING THE COURSE OF CONSTRUCTION.

NAME
RPEQ # DATE:

REVISIONS					NOTES	LEVEL DATUM: AHD (Der) REF BM No: 164224 REDUCED LEVEL: 11:970 LOCATION: Elphinstone Drive AZIMUTH: SP182090 SURVEYOR: BC	CONSULTANTS IN ASSOCIATION	ROWLANDS SURVEYS PTY. LTD. LAND - ENGINEERING - MINING - GEODETIC & REAL TIME G.P.S. TOWNSVILLE 22 GORDEN STREET, GARBUTT. QLD. 4814. PO BOX 7538, GARBUTT. QLD. 4814. PH : (07) 47 755 077 FAX : (07) 47 251 080 EMAIL : surveyors@rowlands.net.au		SCALE As Shown	SHEET 4 OF 4	EXAMPLE	
	A	BC	21/3/2013	As Constructed	ACAD REF: 43197\Cd03\43197_04_PARS06-04.dwg	FIELD BOOK	DRAWN	BC					
	REV	BY	DATE	DESCRIPTION		LEVEL BOOK	CHECKED						