



PIPE COATINGS: PREPARED AND SHOP COATED INTERIOR OF ALL STEEL PIPE AND EXTERIOR OF BURIED STEEL PIPE WITH 18 MILS OF COAL TAR EPOXY TO AWWA C210. EXTERIOR OF PIPE WITHIN BUILDING BLASTED TO SSPC-SP-6 (COMMERCIAL BLAST) AND 0.8-1.2 MILS OF INORGANIC ZINC PRIMER. TOP COAT IN SHOP. ALL PIPING, VALVES AND COUPLINGS WITH 5-8 MILS OF HIGH SOLIDS EPOXY (AMERLOCK 400 OR EQUAL) PLUS 5 MILS OF ALIPHATIC POLYURETHANE (AMERSHIELD OR EQUAL). TWO COLOURS REQUIRED (HIGH ZONE AND LOW ZONE). COLOURS PROVIDED BY THE R.M.O.W. TOUCH-UP ALL COATINGS IN THE FIELD.

- ITEM IDENTIFICATION:**
- 200 FLANGE x TYTON C.I. GATE VALVE c/w TIE ROD LUGS ON HUB END c/w HANDWHEEL OPERATION
  - 150 FLANGE x TYTON C.I. GATE VALVE c/w TIE ROD LUGS ON HUB END c/w HANDWHEEL OPERATION
  - 100 FLANGE x TYTON C.I. GATE VALVE c/w TIE ROD LUGS ON HUB END c/w HANDWHEEL OPERATION
  - 200 KEYSTONE HS1 BUTTERFLY VALVE c/w HANDWHEEL AND GEAR ACTUATOR c/w GASKETS AND GREASE PACKED FOR BURIED SERVICE
  - 150 KEYSTONE HS1 BUTTERFLY VALVE c/w HANDWHEEL AND GEAR ACTUATOR c/w GASKETS AND GREASE PACKED FOR BURIED SERVICE
  - 100 KEYSTONE HS1 BUTTERFLY VALVE c/w HANDWHEEL AND GEAR ACTUATOR c/w GASKETS AND GREASE PACKED FOR BURIED SERVICE
  - 200 VICTAULIC ROUST-A-BOUT COUPLING STYLE 99 (LEAVE 15 mm GAP AT PIPE ENDS)
  - 150 VICTAULIC ROUST-A-BOUT COUPLING STYLE 99 (LEAVE 15 mm GAP AT PIPE ENDS)
  - 100 VICTAULIC ROUST-A-BOUT COUPLING STYLE 99 (LEAVE 15 mm GAP AT PIPE ENDS)

- FABRICATED SPECIALS:**
- 300 PLAIN END x 100 PLAIN END x 150 PLAIN END (BRANCH) x 200 PLAIN END (BRANCH) FABRICATED STEEL SPECIAL c/w 300 x 250 CONCENTRIC REDUCER AND 250 x 100 CONCENTRIC REDUCER
  - 100 PLAIN END x 100 FLANGE FABRICATED STEEL SPECIAL c/w 100 WELDNECK FLANGE
  - 150 PLAIN END x 150 FLANGE FABRICATED STEEL SPECIAL c/w 150 WELDNECK FLANGE
  - 200 PLAIN END x 200 FLANGE FABRICATED STEEL SPECIAL c/w 200 WELDNECK FLANGE

NOTE: NUTS INSTALLED BUT NOT TIGHTENED 24 HOURS AFTER INSTALLATION OF GROUT. FINAL TENSIONING PERFORMED AT 7 DAYS AFTER GROUT PLACEMENT

EDGE OF PIPE WINDOW: FACTORY CORED TO PROVIDE CLEARANCE TO PIPE O.D. CONTRACTOR PLACED AND COMPACTED NON-SHRINK GROUT IN ANULAR SPACE BETWEEN PIPE AND CONCRETE

★ INDICATES TO LEAVE 15 mm GAP BETWEEN PLAIN ENDS OF PIPE TO ENABLE FUTURE MAINTENANCE OF THE BUTTERFLY VALVES.

**WATERMAIN CENTERLINE STATIONING**

**WATERMAIN INVERTS AND GRADES**

0+00	0+01.5	0+02.11	0+02.5
665.09	0.62 m 150" C900 PVC PIPE AT 100% CLASS 200 DR14	665.04	663.425

**200" WATERMAIN CROSSING OF AMENITY STREAM PROFILE**  
SCALE 1:50

ISSUE	DATE	DRN	CHD	APPD	DESCRIPTION	ISSUE	DATE	DRN	CHD	APPD	DESCRIPTION
B	97/02/10	SPB	KN	FB	TENDER ISSUE	E	99/08/09	LM			RECORD DRAWING-SECOND SUBMISSION
C	97/05/07	JL	KN	FB	BOX CULVERT OUTLET REVISED						
D	98/01/06	JL	FB	FB	RECORD DRAWING						

DESIGNED: FVB  
DRAWN: SPB  
CHECKED: \_\_\_\_\_

**KERR WOOD LEIDAL ASSOCIATES LTD.**  
CONSULTING ENGINEERS

**RESORT MUNICIPALITY OF WHISTLER**  
VILLAGE PARK - EAST  
AMENITY STREAM SUPPLY CONTROL VALVE CHAMBER  
WATERMAIN CREEK CROSSING AND DETAILS

SCALE: AS SHOWN  
DRAWING No. 29-102  
SHEET 3 OF 4 ISSUE E