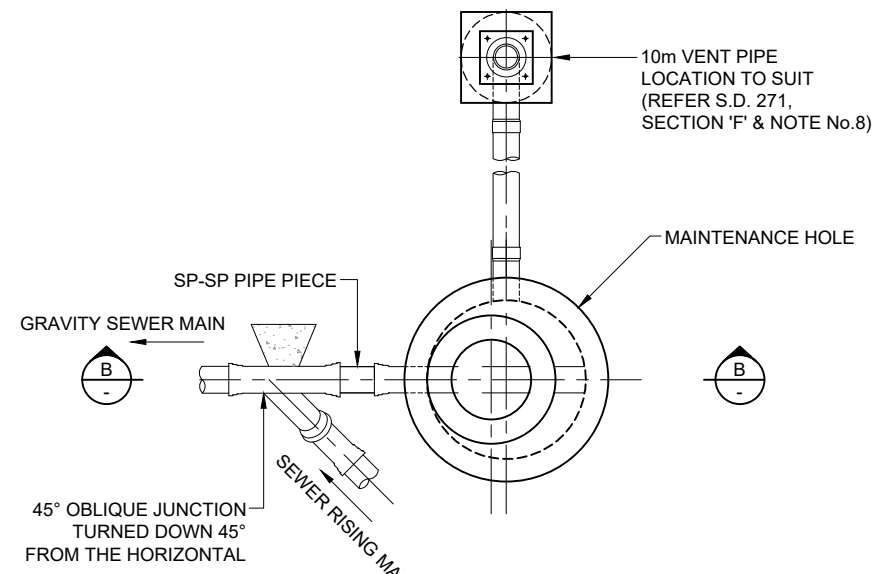
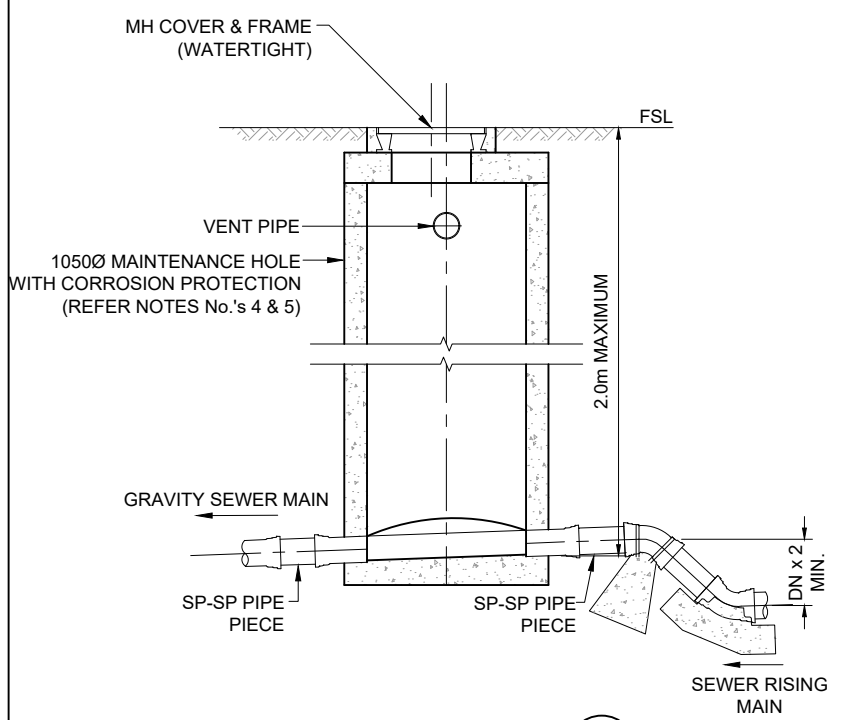


PLAN
SCALE 1:50(A3)



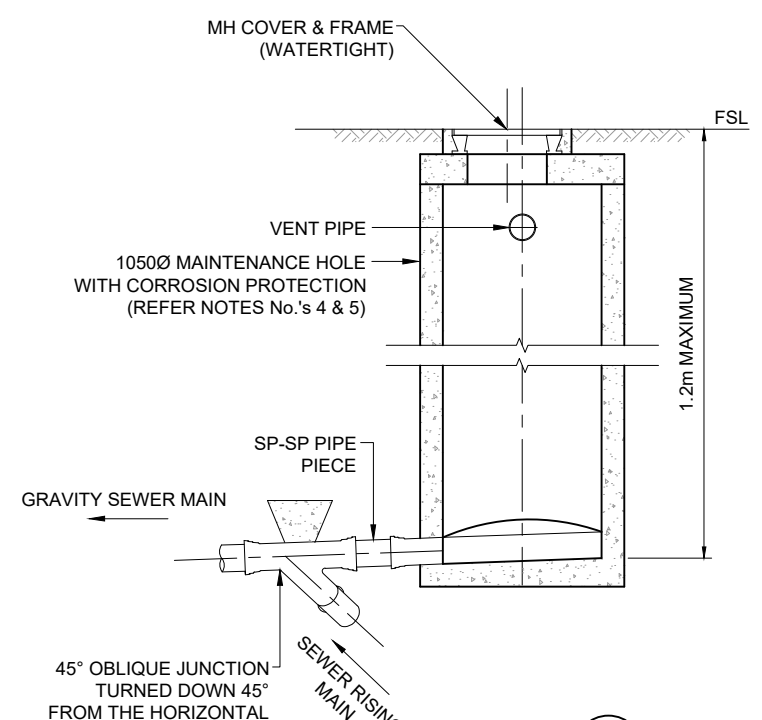
PLAN
SCALE 1:50(A3)



SECTION A
SCALE 1:50 (A3)

TYPE 1

NOTE: THE TYPE 1 OPTION IS THE PREFERRED OPTION IF THE LOCATION ALLOWS.



SECTION B
SCALE 1:50 (A3)

TYPE 2

NOTE: THE TYPE 2 OPTION IS TO BE USED WHEN THE DEPTH OF THE MAINTENANCE HOLE IS LESS THAN 1.2m

- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETRES.
 2. DISCHARGE CHAMBERS TO BE IN ACCORDANCE WITH TSC S.D.278.
 3. INTERNAL CONCRETE SURFACES TO BE COATED WITH SIKA SIKAGUARD 62 OR FOSROC NITOMORTAR ELS OR APPROVED EQUIVALENT. APPLICATION TO BE IN ACCORDANCE WITH PRODUCT SUPPLIER'S SPECIFICATIONS.
 4. ANY CHAMBER WITHIN 100m DOWNSTREAM OF A RISING MAIN DISCHARGE CHAMBER TO BE PROTECTED IN A SIMILAR MANNER TO THE DISCHARGE CHAMBER.
 5. BACKFILL IN VENT PIPE TRENCH SHALL BE COMPACTED TO AT LEAST THE SAME DENSITY AS THE SURROUNDING SOIL.
 6. MASS CONCRETE THRUST BLOCKS ARE TO BE PLACED AT BENDS & PIPE JUNCTIONS ON THE SRM. REFER TO DESIGN DRAWINGS FOR LOCATION & SIZES OF THRUST BLOCKS.
 7. THE SRM IS TO BE GRADED UP HILL AS IT APPROACHES THE DISCHARGE MANHOLE.
 8. THE DIAMETER OF THE PIPEWORK FROM THE MAINTENANCE HOLE TO THE VENT PIPE & WITHIN THE VENT PIPE SHOULD BE EQUAL TO OR LARGER THAN THE DIAMETER OF THE LARGEST MAIN IN THE MAINTENANCE HOLE. THE VENT PIPE STRUCTURE SHOULD BE CONSTRUCTED TO MATCH THE SIZE OF THE VENT PIPEWORK.

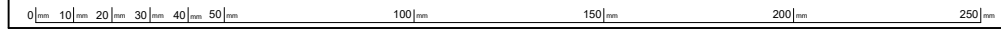
D	MINOR NOTE AMENDMENTS	S.K.J	03.2019
C	NOTES AMENDED & PLAN FORM UPGRADED	G.P.C.	06.2015
B	FURTHER FORMATS & SHEET No.2 ADDED	G.P.C.	01.2011
A	ORIGINAL ISSUE	G.P.C.	10.2006
ISSUE	AMENDMENT DETAILS	INITIALS	DATE

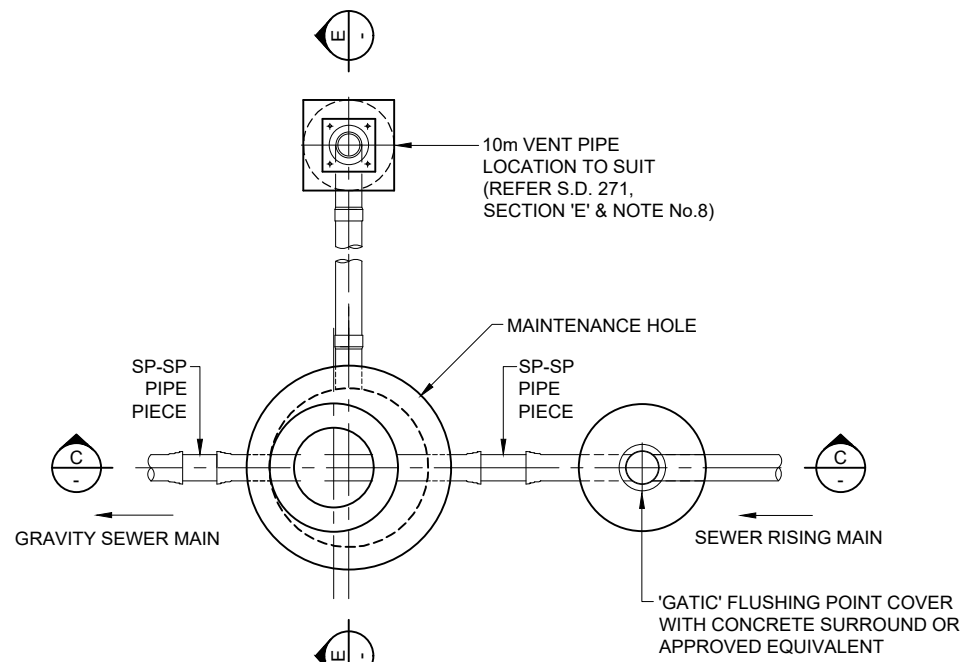


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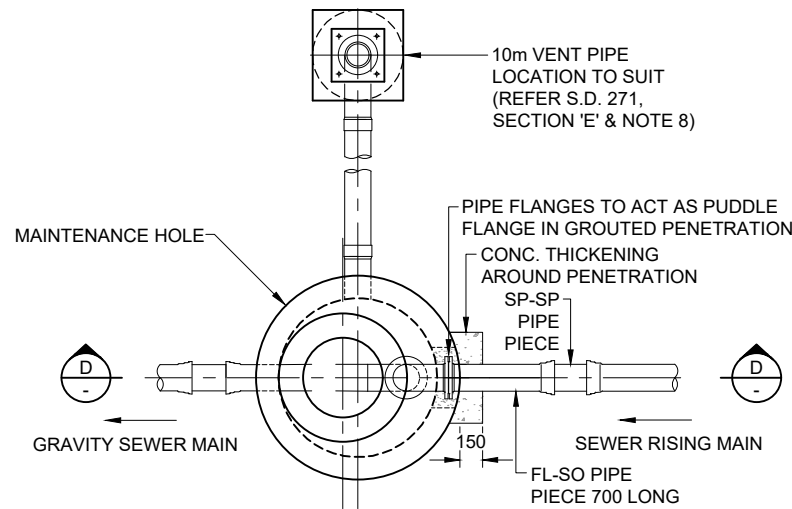
DESIGN ENGINEER <i>Alan</i>	DATE	..11.05.15..
DESIGN MANAGER <i>P. King</i>	DATE	..15.05.15..
DRAWN	ENGINEERING & OPERATIONS DESIGN UNIT		
SCALE	AS SHOWN		

PROJECT:	SEWERAGE WORKS STANDARDS	DRAWING NUMBER:	S.D. 244-01
PLAN TITLE:	DISCHARGE CHAMBERS FOR SEWER RISING MAINS ≤ DN 300 (SHEET 1 OF 2 SHEETS)	JUNE 2015	





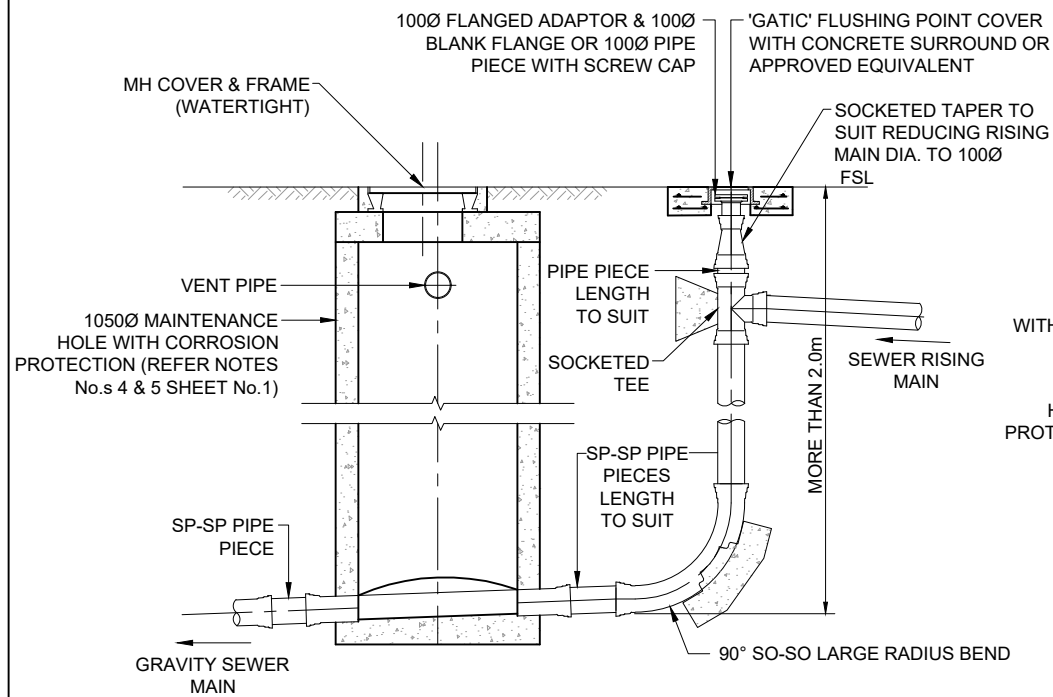
PLAN
SCALE 1:50(A3)



PLAN
SCALE 1:50(A3)

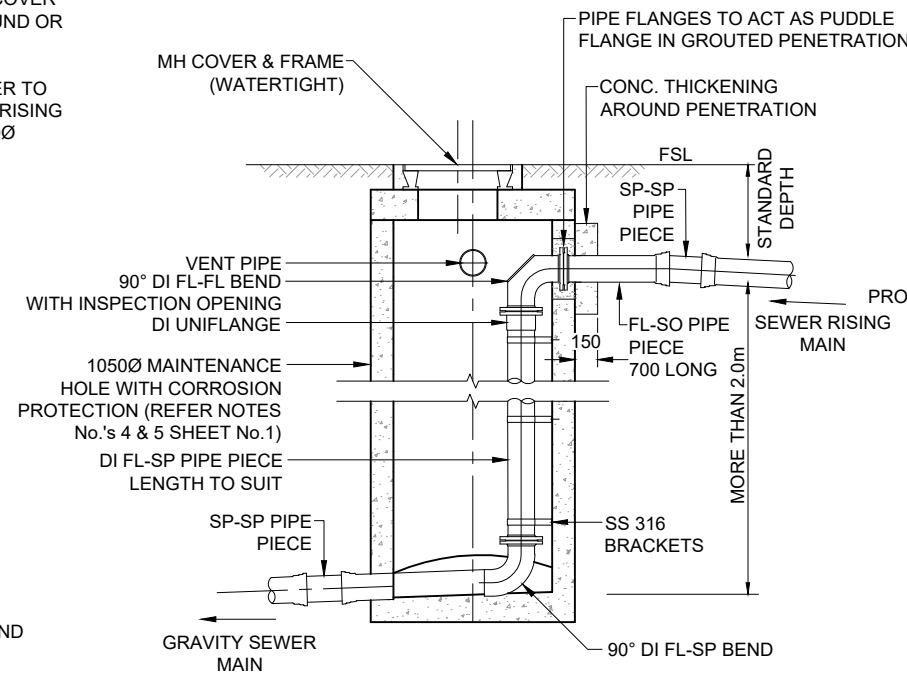
NOTES:

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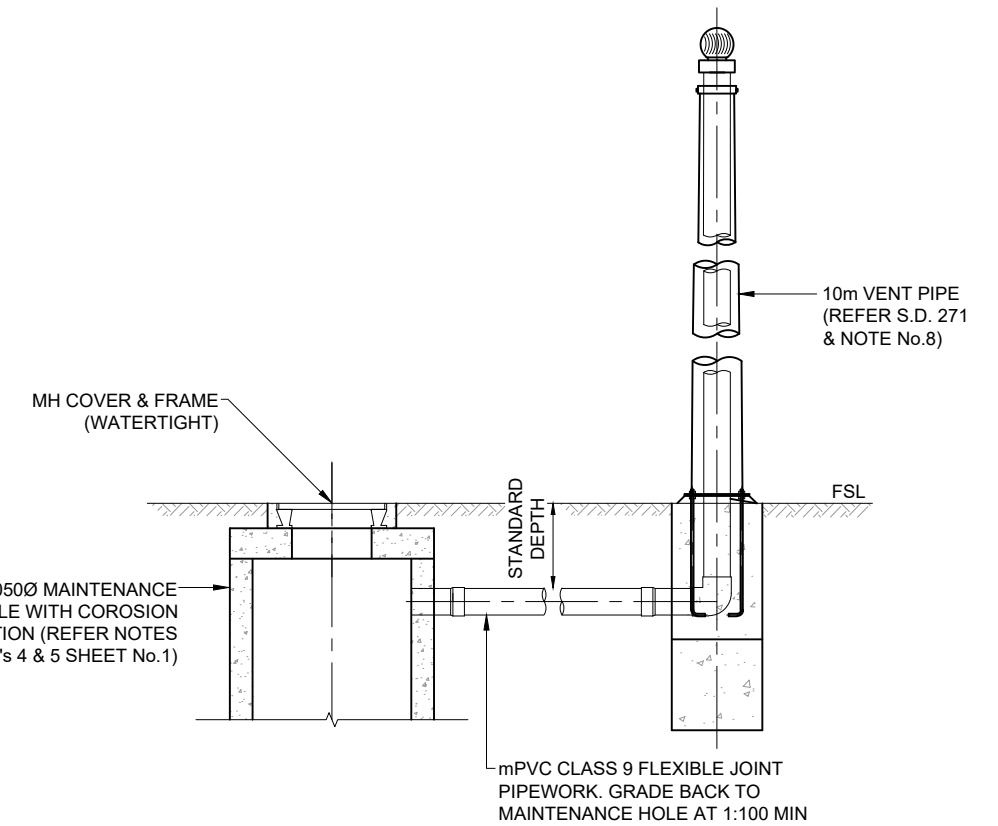
SECTION C
SCALE 1:50 (A3)
TYPE 3

NOTE: ALL FITTINGS USED FOR EXTERNAL DROP CONSTRUCTION ARE TO BE mPVC OR DI EPOXY LINED INTERNALLY & EXTERNALLY



SECTION D
SCALE 1:50 (A3)
TYPE 4

NOTE: ALL DI FITTINGS INSIDE MAINTENANCE HOLE TO BE EPOXY LINED INTERNALLY & EXTERNALLY OR APPROVED EQUIVALENT



SECTION E
SCALE 1:50 (A3)

VENT ARRANGEMENTS

NOTE: THE TYPE 4 OPTION IS ONLY TO BE USED FOR CONNECTION INTO AN EXISTING MANHOLE WHERE TYPES 1-3 ARE NOT POSSIBLE. APPROVAL FOR USE MUST BE OBTAINED FROM TSC MANAGER WATER & WASTEWATER

D	MINOR NOTE AMENDMENTS	S.K.J	03.2019
C	NOTES AMENDED & PLAN FORM UPGRADED	G.P.C.	06.2015
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DESIGN ENGINEER	<i>[Signature]</i> DATE 11.05.15
DESIGN MANAGER	<i>[Signature]</i> DATE 15.05.15
DRAWN	ENGINEERING & OPERATIONS DESIGN UNIT
SCALE	AS SHOWN

PROJECT:	SEWERAGE WORKS STANDARDS	DRAWING NUMBER:	S.D. 244-02
PLAN TITLE:	DISCHARGE CHAMBERS FOR SEWER RISING MAINS ≤ DN 300 (SHEET 2 OF 2 SHEETS)		JUNE 2015

