

THIS DRAWING MAY ONLY BE USED IN THE COURSE OF AND FOR THE PURPOSE OF CREATING SYDNEY WATER ASSETS. USE THIS DRAWING WITH CARE. THE USER IS RESPONSIBLE FOR THE CORRECT APPLICATION OF THIS DRAWING. DEEMED TO COMPLY DRAWINGS ARE SUBJECT TO TERMS AND CONDITIONS OF USE AS PUBLISHED BY SYDNEY WATER.

NOTES

- 1. REINFORCEMENT NOT SHOWN FOR CLARITY
- 2. TWO UNOBSTRUCTED AREAS OF AT LEAST 250mm DIAMETER, SUITABLY SPACED TO ALLOW A MAINTENANCE PERSON TO STAND WITHOUT OBSTRUCTION BY STEP-IRONS MUST BE PROVIDED.
- 3. STEP IRON LOCATION TO BE:
FOR DN150 TO DN300 SEWERS: OVER THE OUTLET SEWER
FOR DN375 TO DN750 SEWERS: OVER THE BENCHING AWAY FROM THE OUTLET SEWER
- 4. SEWERS CHANGING DIAMETER MUST BE GRADED OBVERT TO OBVERT
- 5. MINIMUM INTERNAL FALL THROUGH MH FOR SEWERS \leq DN300 SHALL BE PROVIDED AS FOLLOWS:

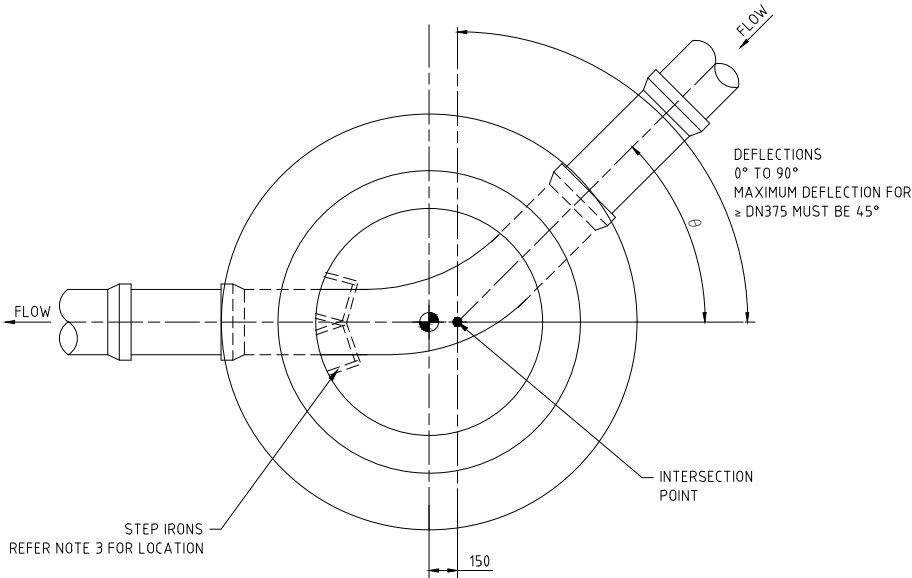
DEFLECTION θ	MINIMUM FALL ACROSS MH (mm)
$0 \leq \theta \leq 30$	30
$30 < \theta \leq 60$	50
$60 < \theta \leq 90$	80

LEGEND:

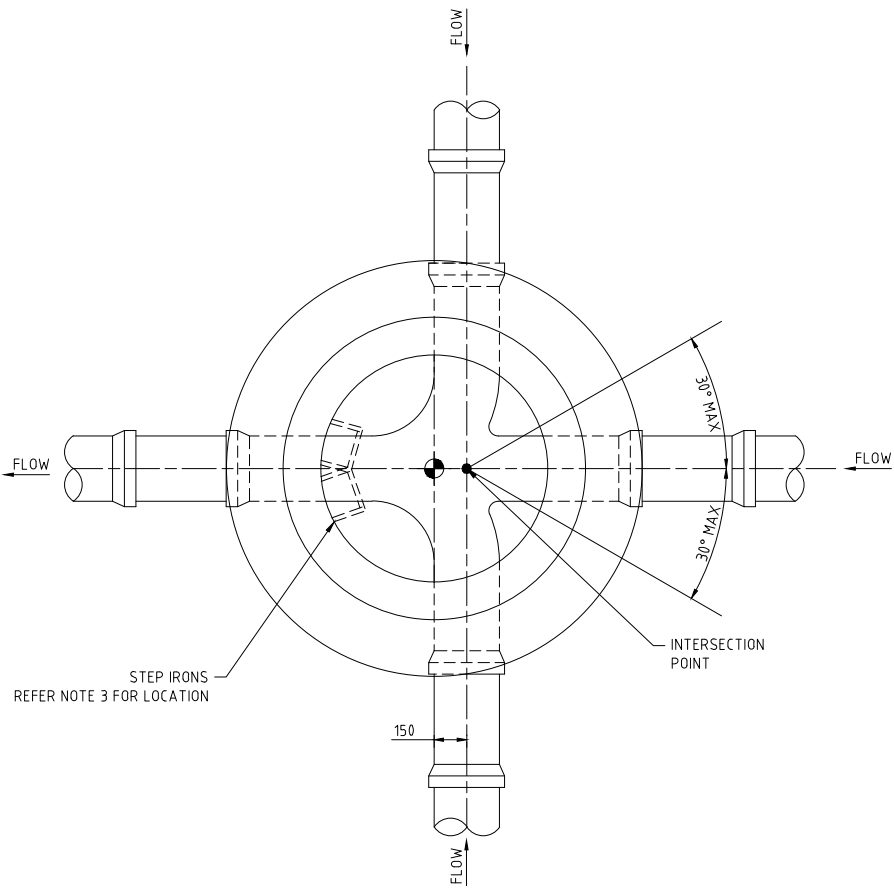
-  INTERSECTION POINT OF SEWERS
-  CENTRE LINE OF M.H.

REFERENCE DRAWINGS

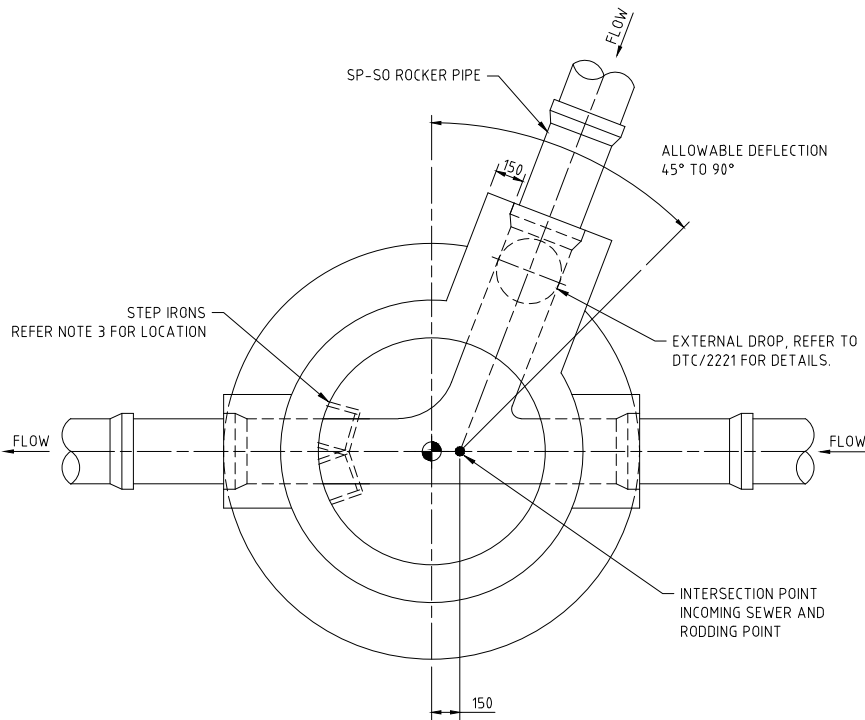
- DTC/2000 MAINTENANCE HOLES - CAST IN-SITU CONSTRUCTION NOTES
- DTC/2221 MAINTENANCE HOLES DETAILS - SHEET 2



CHANGE IN DIRECTION OF SEWER
SCALE 1:20



MULTIPLE INCOMING SEWERS
SCALE 1:20



INCOMING SEWERS HAVING
EXTERNAL DROP
SCALE 1:20

APPROVED

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D	GENERAL UPDATE	NS	31/07/24
C	REVISED STEP IRON LOCATIONS FOR DN375-750 SEWERS, GENERAL REVISION	RL	18/03/15
B	UPDATED NOTES	RL	01/03/13
A	ORIGINAL ISSUE	PJG	31/01/12
LETTER	DETAILS OF ISSUE / AMENDMENT	APP'D	DATE

DEEMED TO COMPLY DRAWINGS

MAINTENANCE HOLES
DETAILS
SHEET 3

DTC
2222

ISSUE	DATE
D	31/07/24