

NOTES:

1.

MAXIMUM INLET OR OUTLET SEWER SIZE = DN225.
2.

FOR SEWER CONNECTION DETAILS REFER TO DTC/2259.
3.

THIS DESIGN IS SUITABLE FOR:

TYPE 1 NON-TRAFFICABLE PRECAST SHAFT – CLASS B COVER
AREAS WITHIN PRIVATE PROPERTIES, AND PUBLIC PLACES, PEDESTRIAN MALLS AND FOOTWAYS NOT SUBJECT TO VEHICULAR LOADING AND PREVENTED FROM ACCIDENTAL VEHICLE LOADING BY MEANS OF PHYSICAL BARRIERS (e.g. BOLLARDS, TRAFFIC BARRIERS, OR KERBS HIGHER THAN 300mm).

TYPE 2 TRAFFICABLE PRECAST SHAFT – CLASS D COVER
FOOTWAY AND DRIVEWAYS IN AREAS ZONED RESIDENTIAL NOT RESTRICTED TO VEHICLES, PARKLAND WITH NO RESTRICTION TO VEHICULAR ACCESS AND ROAD CARRIAGEWAYS & DRIVEWAYS WITH A TRAFFIC LOAD UP TO W80 WHEEL LOAD AND A160 AXLE LOAD.
4.

THE PRECAST MAINTENANCE HOLE MUST BE LOCATED OUTSIDE THE ZONE OF INFLUENCE OF OTHER STRUCTURES.
5.

ALL INTERNAL SURFACES (EXCLUDING BENCHING) OF MAINTENANCE HOLES AT THE DISCHARGE OF PUMPED FLOWS AND THE NEXT TWO MAINTENANCE HOLES DOWNSTREAM OF A PUMPED DISCHARGE MUST BE PROVIDED WITH A PROTECTIVE COATING / LINING IN ACCORDANCE WITH WSA 201 AND SYDNEY WATER SUPPLEMENT AS INDICATED. COATING SYSTEM MUST BE CPL, EUH OR NOV.
6.

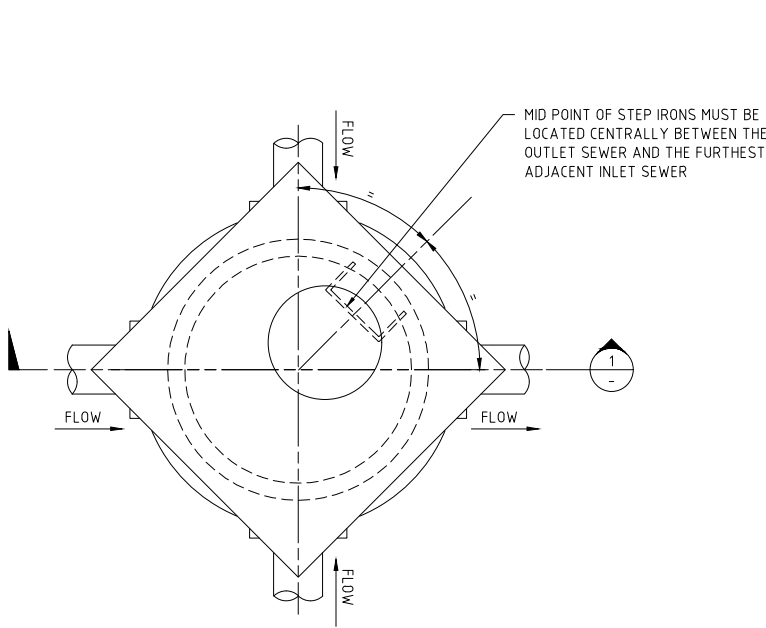
NO ABOVE GROUND OBSTRUCTIONS WITHIN 1m OF MH ACCESS COVER.
7.

PRECAST UNITS TO BE SELECTED TO MINIMISE THE NUMBER OF JOINTS AND FOR JOINTS TO BE AS LOW AS POSSIBLE.
8.

MINIMUM CLEAR AND UNOBSTRUCTED STANDING AREA AT BASE OF MAINTENANCE HOLE MUST BE 2x250mm DIAMETER.

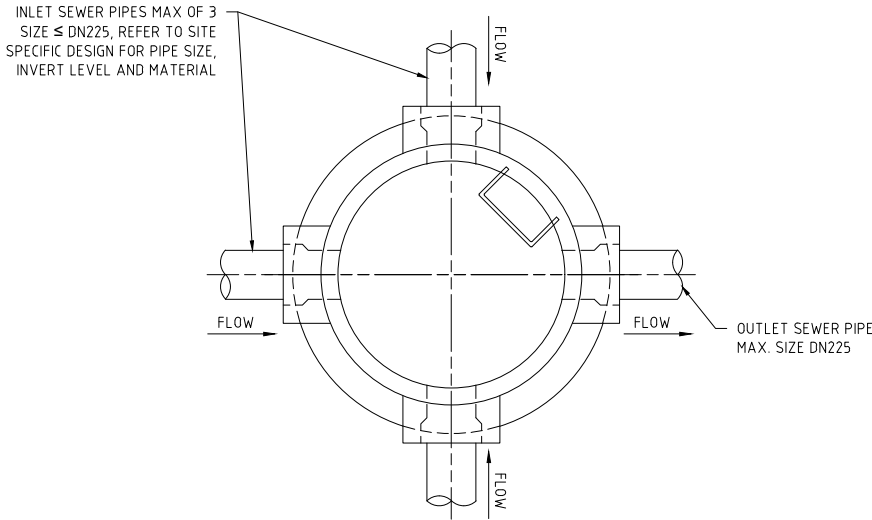
REFERENCE DRAWINGS

DTC/2220	MAINTENANCE HOLES DETAILS – SHEET 1
DTC/2222	MAINTENANCE HOLES DETAILS – SHEET 3
DTC/2223	DN1200 MAINTENANCE HOLES – ROOF SLAB DESIGN
DTC/2224	MAINTENANCE HOLES COVER AND SPACER DETAILS
DTC/2251	MAINTENANCE HOLE – PRECAST DN1200 NOTES, INSTRUCTIONS & DRAWING LIST
DTC/2256	MAINTENANCE HOLES – PRECAST DN1200 SHAFT RING DETAILS
DTC/2257	DN1200 MAINTENANCE HOLES – PRECAST BASE SLAB FOR DN150 – DN225 SEWERS – GENERAL PLAN AND REINFORCEMENT
DTC/2259	MAINTENANCE HOLES – PRECAST PIPEWORK PENETRATION DETAILS
DTC/2260	MAINTENANCE HOLES – PRECAST COMPONENTS MISCELLANEOUS DETAILS



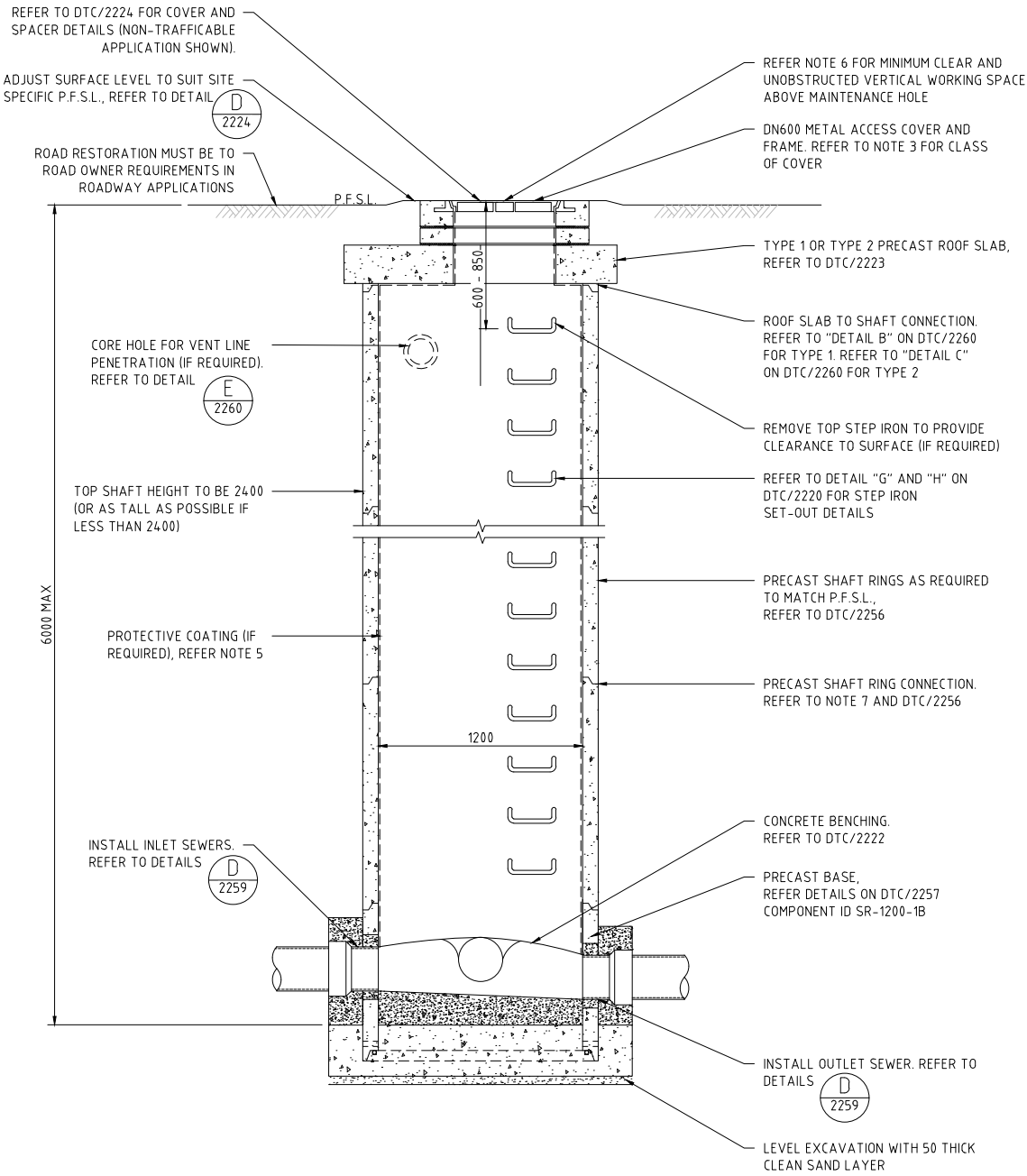
MAINTENANCE HOLE – PLAN AT ROOF/COVER LEVEL

SCALE 1:20
ONLY SEWERS LOCATED AT THE MH INVERT SHOWN. HIGH LEVEL CONNECTIONS (e.g. VENT LINE) NOT SHOWN FOR CLARITY



MAINTENANCE HOLE – PLAN AT BASE LEVEL

SCALE 1:20
ONLY SEWERS LOCATED AT THE MH INVERT SHOWN. HIGH LEVEL CONNECTIONS (e.g. VENT LINE) NOT SHOWN FOR CLARITY



SECTION 1
SCALE 1:20

SHOWN FOR TYPE 1 – TYPE 2 SIMILAR

APPROVED

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ENGINEERING & TECHNICAL SUPPORT

B	GENERAL UPDATE	NS	31/07/24
A	ORIGINAL ISSUE	KW	22/06/15
LETTER	DETAILS OF ISSUE / AMENDMENT	APP'D	DATE

DEEMED TO COMPLY DRAWINGS

DN1200 MAINTENANCE HOLES - PRECAST
FOR DN150 - DN225 SEWERS, <6m DEEP
GENERAL ARRANGEMENT

DTC

2253

ISSUE	DATE
B	31/07/24