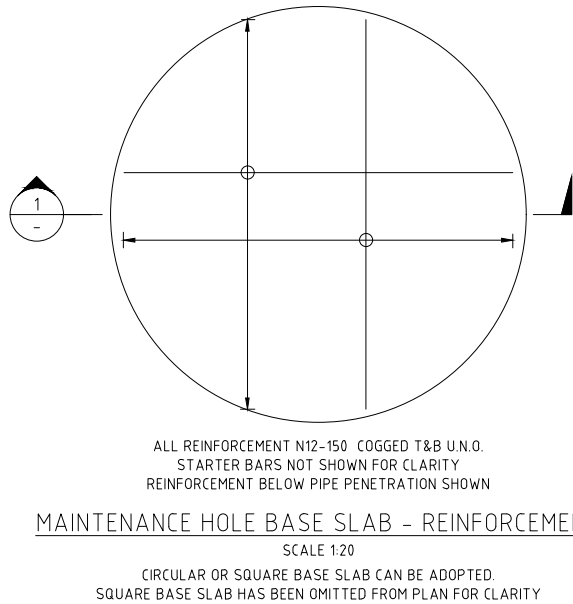
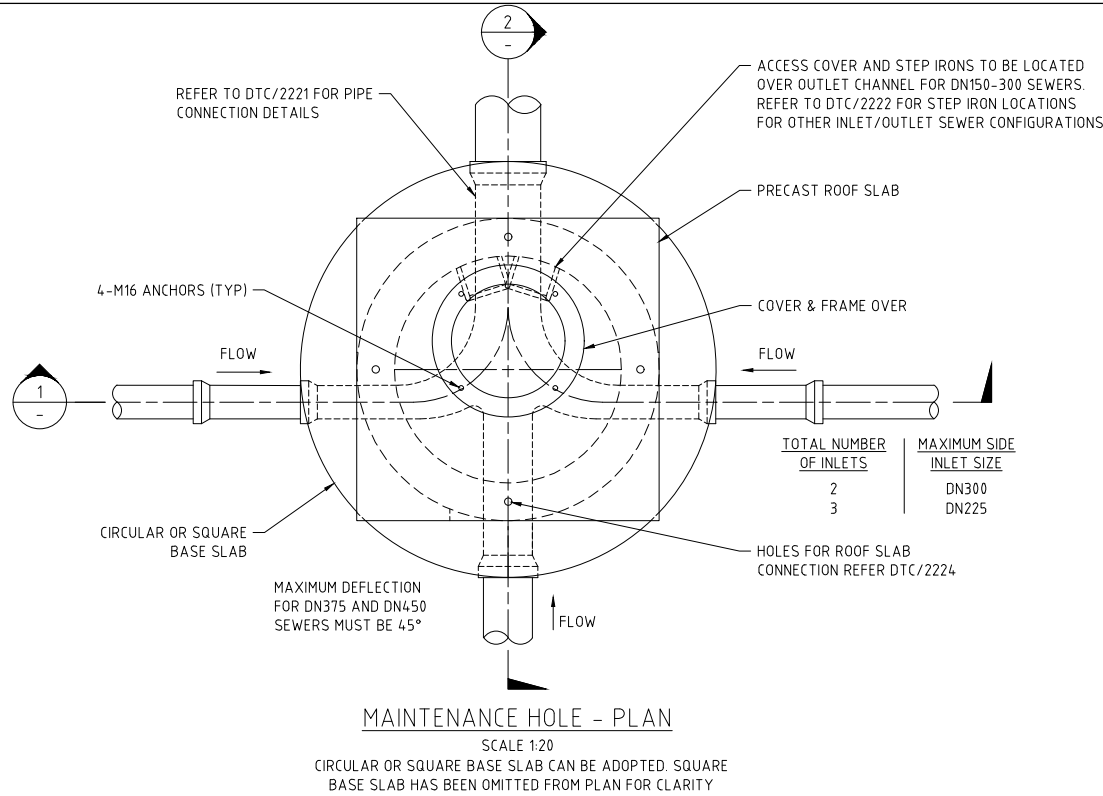


THIS DRAWING MAY ONLY BE USED IN THE COURSE OF AND FOR THE PURPOSE OF CREATING SYDNEY WATER ASSETS. USE THIS DRAWING WITH CARE. THE USER IS RESPONSIBLE FOR THE CORRECT APPLICATION OF THIS DRAWING. DEEMED TO COMPLY DRAWINGS ARE SUBJECT TO TERMS AND CONDITIONS OF USE AS PUBLISHED BY SYDNEY WATER.



NOTES

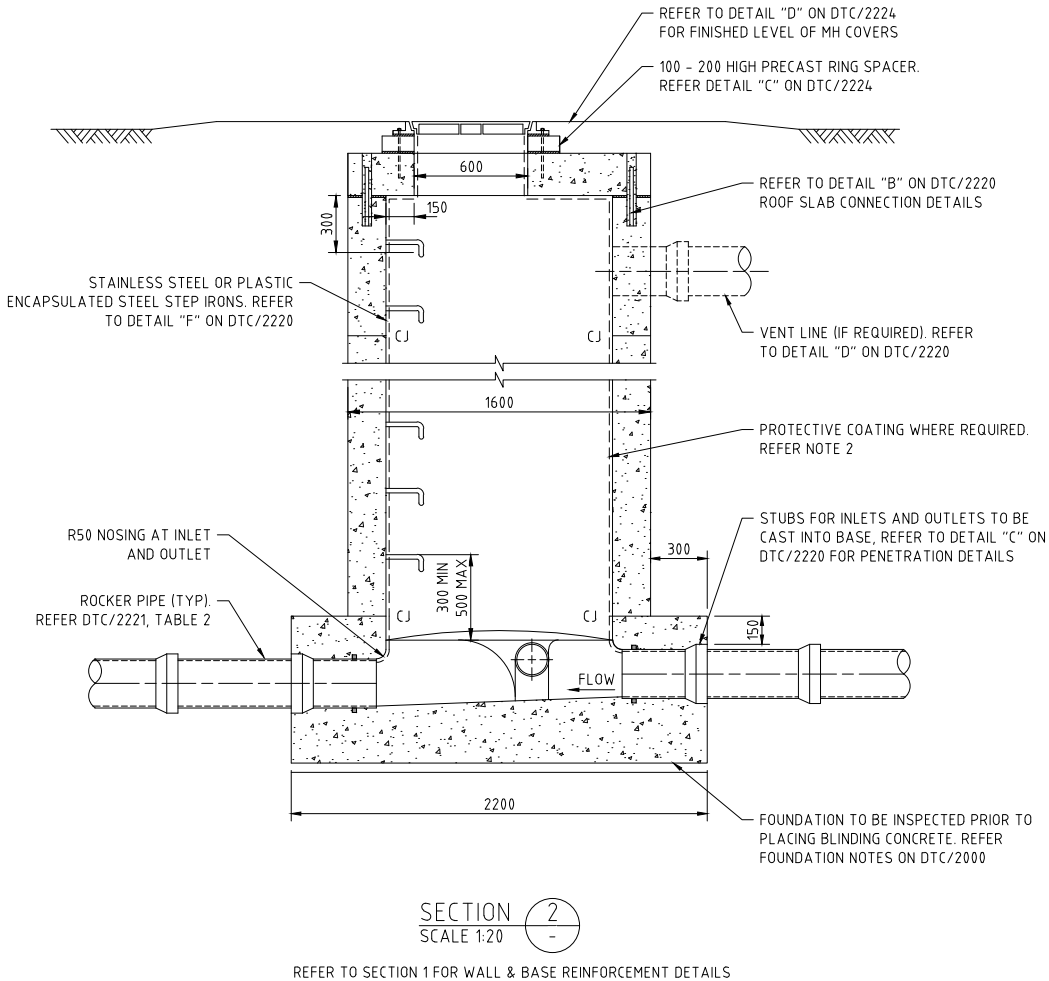
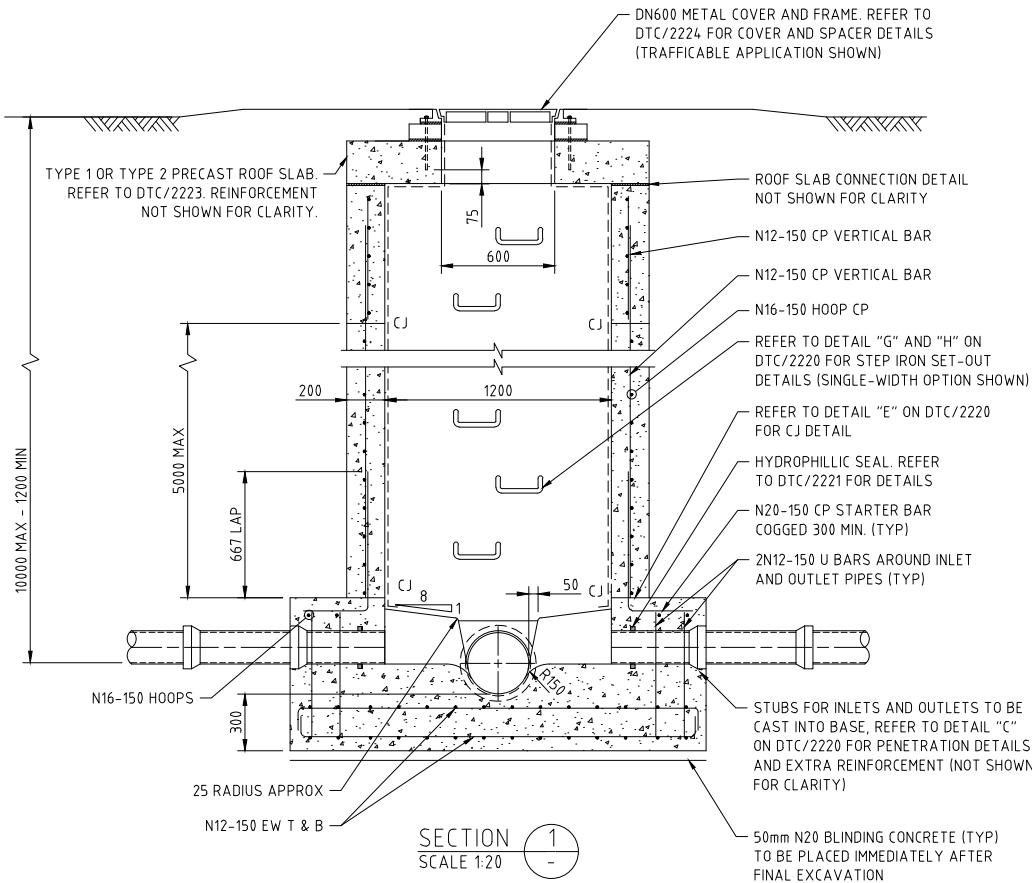
1. NUMBER, SIZE, LOCATION AND LEVEL OF INLETS AND OUTLET ARE INDICATIVE ONLY.
2. FOR DN375 AND DN450 SEWERS, ALL INTERNAL SURFACES (EXCLUDING BENCHING) OF MAINTENANCE HOLES MUST BE PROVIDED WITH A PROTECTIVE COATING IN ACCORDANCE WITH WSA 201 AND SYDNEY WATER SUPPLEMENT. COATING SYSTEM MUST BE CPL, EUH OR NOV.

FOR DN150 - DN300 SEWERS, 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. COATING SYSTEM MUST BE CPL, EUH, NOV.
3. THIS DESIGN IS SUITABLE FOR RESIDENTIAL, COMMERCIAL & INDUSTRIAL AREAS INCLUDING:
 - PUBLIC AND PRIVATE PROPERTIES
 - PARKLAND & FOOTWAYS
 - ROAD CARRIAGEWAYS & DRIVEWAYS
4. MINIMUM CLEAR AND UNOBSTRUCTED VERTICAL WORKING SPACE ABOVE MAINTENANCE HOLE TO BE AS FOLLOWS SUBJECT TO SITE SPECIFIC SAFETY IN DESIGN:

FOR SEWER ≤ DN300: NO ABOVE GROUND OBSTRUCTIONS WITHIN 1m OF MH ACCESS COVER
FOR SEWER > DN300: NO ABOVE GROUND OBSTRUCTIONS WITHIN ZONE OF INFLUENCE (AS DEFINED IN SYDNEY WATER TECHNICAL GUIDELINES - BUILDING OVER AND ADJACENT TO PIPE ASSETS)

REFERENCE DRAWINGS

DTC/2000	MAINTENANCE HOLES- CAST IN-SITU CONSTRUCTION NOTES
DTC/2220	MAINTENANCE HOLES DETAILS - SHEET 1
DTC/2221	MAINTENANCE HOLES DETAILS - SHEET 2
DTC/2222	MAINTENANCE HOLES DETAILS - SHEET 3
DTC/2223	DN1200 MAINTENANCE HOLES - ROOF SLAB DESIGN
DTC/2224	MAINTENANCE HOLE DETAILS - COVER AND SPACER DETAILS



Sydney
WATER

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APPROVED

NORBERT SCHAEFER
ENGINEERING MODERNISATION MANAGER

ENGINEERING & TECHNICAL SUPPORT

G	GENERAL UPDATE	NS	31/07/24
F	REVISED PROTECTIVE COATING SPECIFICATION. INLET SEWER SIZE LIMITATION ADDED. GENERAL REVISION	RL	18/03/15
E	NOTE G3 AMENDED	RL	22/04/13
D	GENERAL REVISION. REVISED ROOF SLAB. INCREASED SIZE RANGE TO DN450	RL	01/03/13
C	MINOR REVISION	RL	04/07/12
B	GENERAL REVISION	PJG	29/03/12
LETTER	DETAILS OF ISSUE / AMENDMENT	APP'D	DATE

DEEMED TO COMPLY DRAWINGS

DN1200 MAINTENANCE HOLES
CAST IN-SITU REINFORCED CONCRETE
SEWERS ≤DN450
DEPTH TO INVERT 1.2m TO 10m

DTC
2200

ISSUE	DATE
G	31/07/24