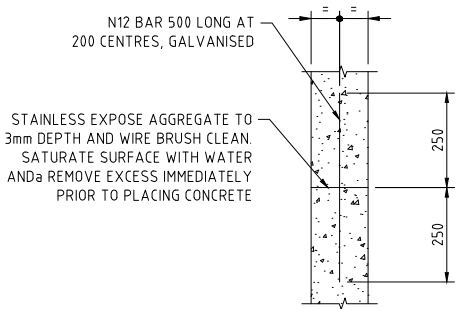


MAINTENANCE HOLE - PLAN

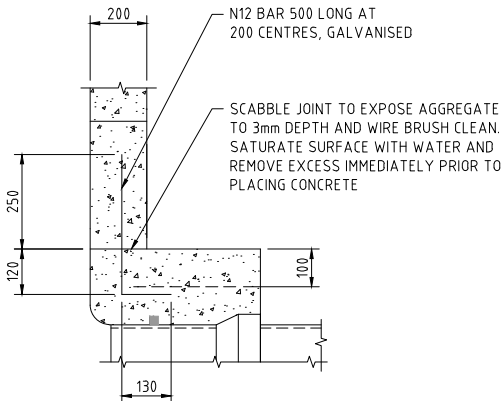
SCALE 1:20

CIRCULAR OR SQUARE BASE SLAB CAN BE ADOPTED. SQUARE BASE SLAB HAS BEEN OMITTED FROM PLAN FOR CLARITY



CONSTRUCTION JOINT (C.J.1)

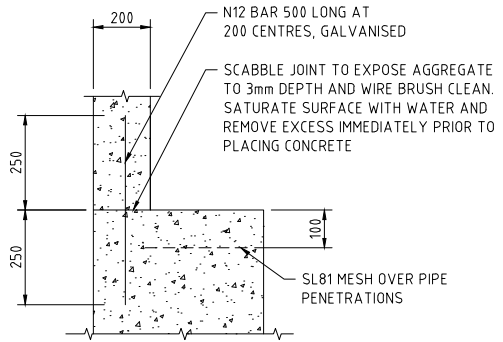
SCALE 1:10



CONSTRUCTION JOINT (C.J.2)

(AT PIPE PENETRATIONS)

SCALE 1:10



CONSTRUCTION JOINT (C.J.2)

(WITHOUT PIPE PENETRATIONS)

SCALE 1:10

NOTES:

1. NUMBER, SIZE, LOCATION AND LEVEL OF INLETS AND OUTLETS ARE INDICATIVE ONLY.
2. THIS DESIGN IS SUITABLE FOR

TYPE 1 PRECAST ROOF SLAB - CLASS B COVER

AREAS WITHIN PRIVATE PROPERTIES, AND PUBLIC PLACES, PEDESTRIAN MALLS AND FOOTWAYS NOT SUBJECTED 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 PRECAST ROOF SLAB - CLASS D COVER

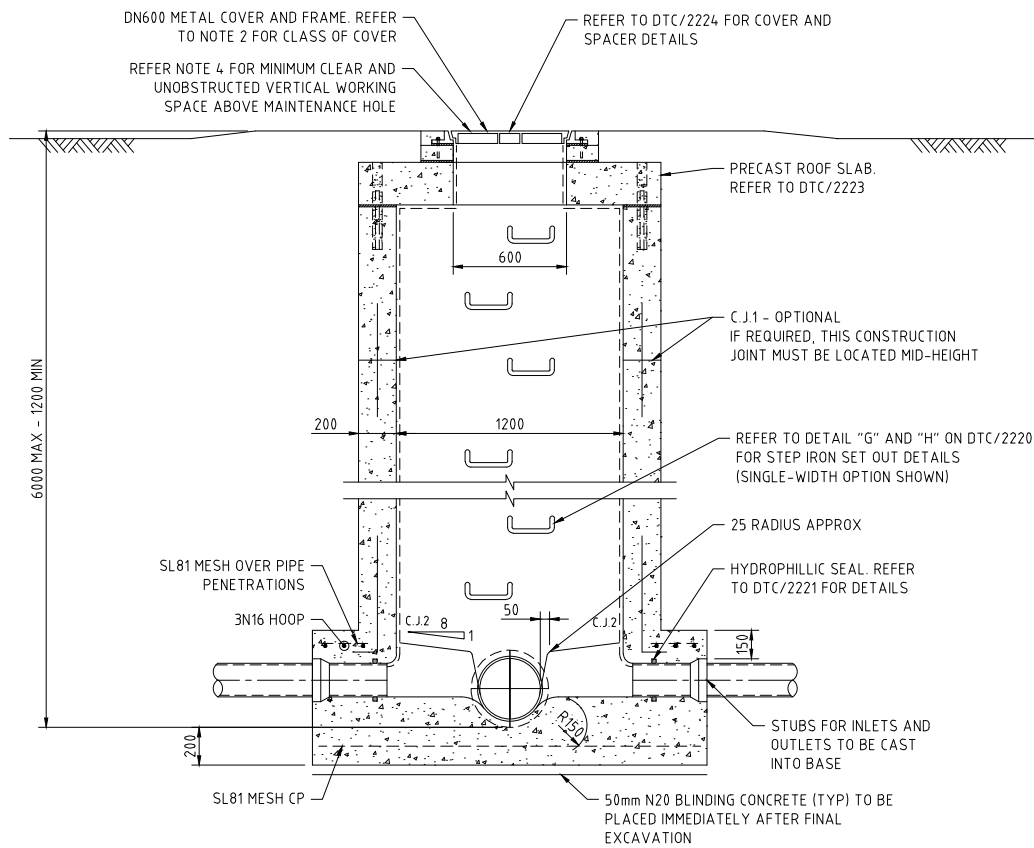
FOOTWAYS AND DRIVEWAYS IN AREAS ZONED RESIDENTIAL NOT RESTRICTED TO VEHICLES, AND PARKLAND WITH NO RESTRICTION TO VEHICULAR ACCESS. THIS DESIGN IS NOT SUITABLE IN ROAD CARRIAGEWAYS.

3. 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.
4. MINIMUM CLEAR AND UNOBSTRUCTED VERTICAL WORKING SPACE ABOVE MAINTENANCE HOLE TO BE AS FOLLOWS:

FOR SEWER ≤DN300: NO ABOVE AGROUND 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)
5. ENSURE MIN. 70mm CLEAR DISTANCE FROM EDGE OF HOLE TO INTERNAL AND EXTERNAL FACES.

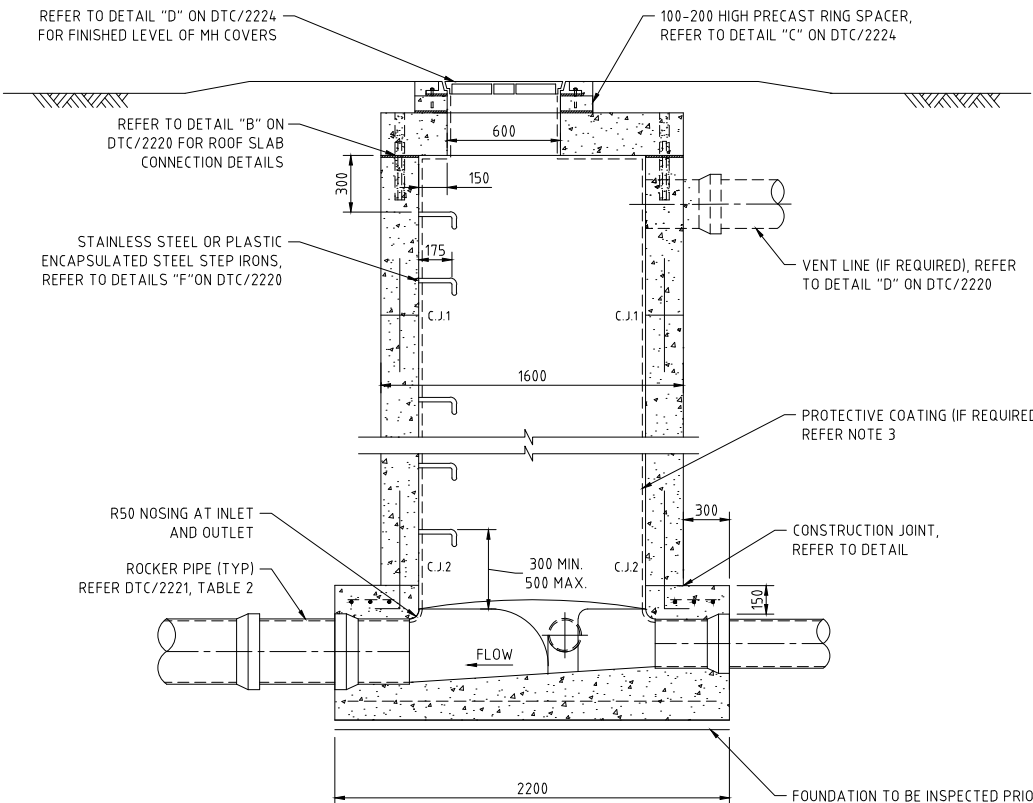
REFERENCE DRAWINGS

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 HOLES DETAILS - COVER AND SPACER DETAILS



SECTION 1

SCALE 1:20



SECTION 2

SCALE 1:20

Sydney
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APPROVED

NORBERT SCHAEFER

ENGINEERING MODERNISATION MANAGER

ENGINEERING & TECHNICAL SUPPORT

F

GENERAL UPDATE

NS

31/07/24

E

WALL THICKNESS REDUCED, REVISED PROTECTIVE COATING SPECIFICATION, REVISED ACCESS COVER AND ROOF SLAB CONNECTION ARRANGEMENT, INLET SIZE LIMITATION ADDED, NOTES REVISED, GENERAL REVISION

RL

18/03/15

D

NOTE G5 ADDED. ROCKER PIPE DIMENSIONS AMENDED

RL

22/04/13

C

GENERAL REVISION. REVISED ROOF SLAB. INCREASED SIZE RANGE TO DN450

RL

01/03/13

B

MINOR REVISION

RL

04/07/12

LETTER

DETAILS OF ISSUE / AMENDMENT

APP'D

DATE

DEEMED TO COMPLY DRAWINGS

DN1200 MAINTENANCE HOLES
CAST IN-SITU PLAIN CONCRETE WALL
SEWER ≤DN450
DEPTH TO INVERT 1.2m TO 6m

DTC

2202

ISSUE

DATE

F

31/07/24