

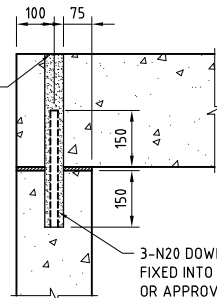
DETAIL "A"
PRECAST ROOF CASTING DETAIL
SCALE 1:10

NOTES:

1. PRECAST CONCRETE ROOF PANEL TO HAVE A MINIMUM STRENGTH OF 25MPa AT LIFTING.
2. SPREADER BARS MUST BE USED DURING LIFTING TO ENSURE LIFT FORCE IS VERTICAL

50 DIA HOLE FULL DEPTH OF ROOF SLAB. FILL HOLE WITH 'SIKADUR-31' OR APPROVED EQUIVALENT AFTER FIXING OF ROOF SLAB

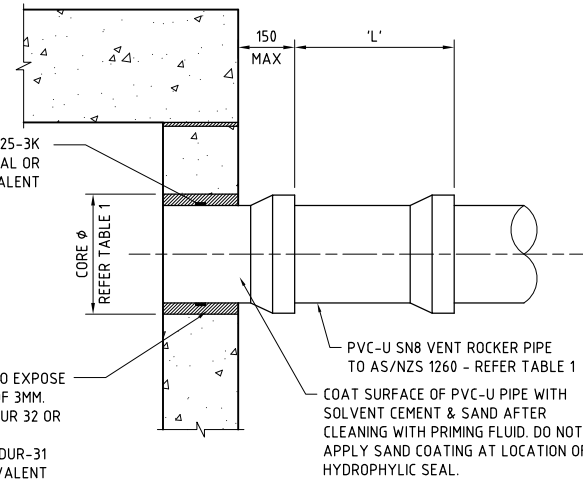
10 THICK EPOXY MORTAR 'SIKADUR-31' OR APPROVED EQUIVALENT. SCABBLE & PRIME SURFACES WITH 'SIKADUR-32' OR APPROVED EQUIVALENT



DETAIL "B"
PRECAST ROOF CONNECTION DETAIL
SCALE 1:10

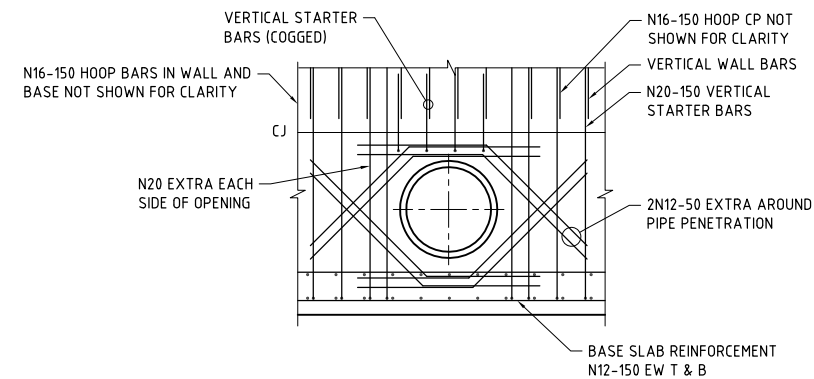
HYDROTITE CJ-0725-3K (25x7mm) HYDROPHILIC SEAL OR APPROVED EQUIVALENT

SCABBLE CORED SURFACE TO EXPOSE AGGREGATES TO A DEPTH OF 3MM. PRIME SURFACE WITH SIKADUR 32 OR APPROVED EQUIVALENT. INJECT ANNULUS WITH SIKADUR-31 EPOXY OR APPROVED EQUIVALENT

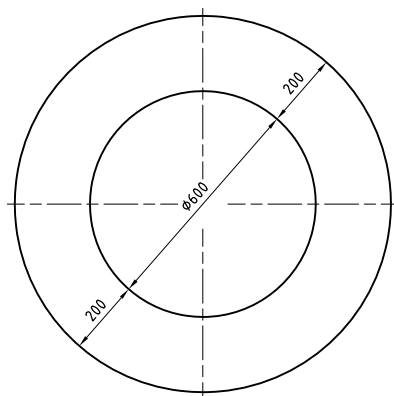


DETAIL "D"
VENT PIPE PENETRATION DETAIL
SCALE 1:10

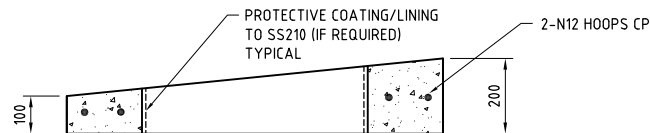
TABLE 1			
SIZE (DN)	"L" MIN	"L" MAX	CORE Ø
150	300	450	200
225	450	675	300



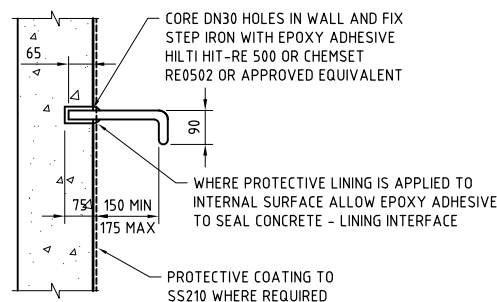
DETAIL "C"
PENETRATION DETAIL IN BASE SLAB
SCALE 1:20



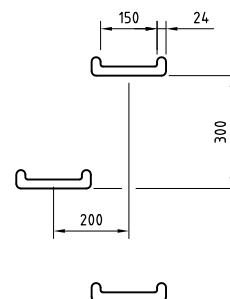
TYPE 5



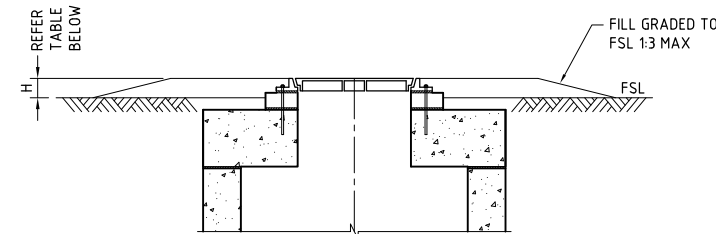
DETAIL "F"
CONSTRUCTION JOINT DETAIL
SCALE 1:10



DETAIL "G"
STEP IRON FIXING DETAIL
SCALE 1:10

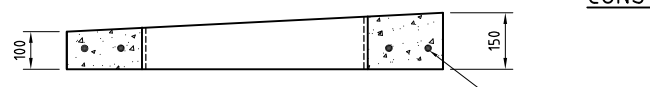


DETAIL "H"
STEP IRON SET OUT DETAIL
SCALE 1:10

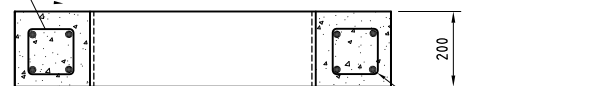


FINISHED LEVELS OF MH COVERS	
LOCATION DESCRIPTION	H
UNDEVELOPED AREAS	100
ROADS, LANEWAYS, FOOTWAYS AND DRIVEWAYS	FLUSH
FLOOD PRONE AREAS (REFER TO DETAIL "K")	150

DETAIL "J"
FINISHED LEVELS ON M.H. COVERS
SCALE 1:20



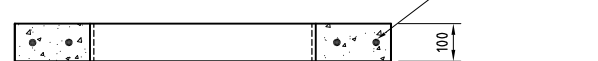
TYPE 4



TYPE 3



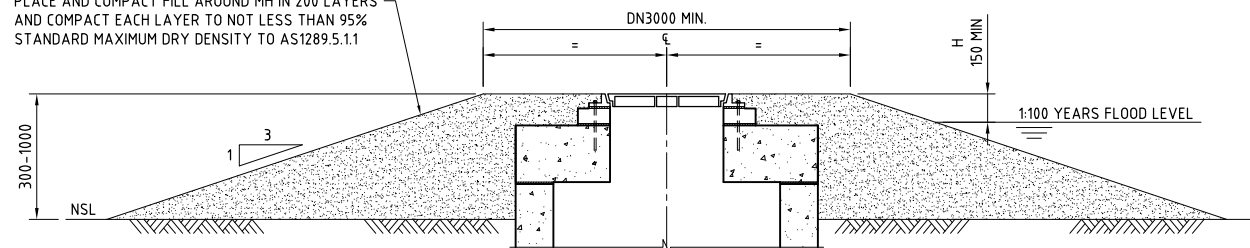
TYPE 2



TYPE 1

DETAIL "E"
PRECAST RING SPACER DETAIL
SCALE 1:10

PLACE AND COMPACT FILL AROUND MH IN 200 LAYERS AND COMPACT EACH LAYER TO NOT LESS THAN 95% STANDARD MAXIMUM DRY DENSITY TO AS1289.5.1.1



DETAIL "K"
M.H. IN FLOOD PRONE AREAS
SCALE 1:20

GENERAL NOTES

G1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE FOLLOWING:

- DTC/2000 MAINTENANCE HOLES CONSTRUCTION NOTES
- DTC/2200 DN1200 MAINTENANCE HOLES CAST IN-SITU REINFORCED CONCRETE SEWERS ? DN450
- DTC/2201 DN1800 MAINTENANCE HOLES CAST IN-SITU REINFORCED CONCRETE SEWERS DN500 TO DN750
- DTC/2202 DN1200 MAINTENANCE HOLES CAST IN-SITU PLAIN CONCRETE SEWERS ? DN450
- DTC/2203 DN1050 MAINTENANCE HOLES CAST IN-SITU PLAIN CONCRETE SEWERS ? DN300
- DTC/2221 MAINTENANCE HOLES DETAILS - SHEET 2
- DTC/2222 MAINTENANCE HOLES DETAILS - SHEET 3
- DTC/2223 MAINTENANCE HOLES DETAILS - SHEET 4

G2. REINFORCEMENT NOT SHOWN FOR CLARITY UNLESS SHOWN OTHERWISE.

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APPROVED

PETER GILLMAN
MANAGER E & ES

ENGINEERING & ENVIRONMENTAL SERVICES

D	REVISED PRECAST RING SPACER DETAIL. REVISED VENT PENETRATION DETAIL. GENERAL REVISION	RL	18/03/15
C	UPDATED NOTES, PRODUCT SPECIFICATIONS	RL	01/03/13
B	GENERAL REVISION (DETAIL E)	PJG	29/03/12
A	ORIGINAL ISSUE	PJG	31/01/12
LETTER	DETAILS OF ISSUE / AMENDMENT	APP'D	DATE

DEEMED TO COMPLY DRAWINGS

MAINTENANCE HOLES
DETAILS
SHEET 1

DTC
2220

ISSUE	DATE
D	18.03.15