

NOTES:

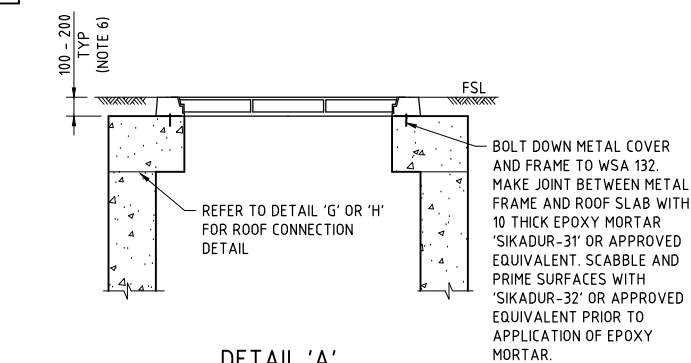
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE FOLLOWING:
 - DTC/2000 - MAINTENANCE HOLES CONSTRUCTION NOTES
 - DTC/2401 - EMERGENCY RELIEF STRUCTURE: INSTRUCTIONS, GENERAL NOTES & DRAWING LIST
- SCRABBLE PENETRATION SURFACE TO EXPOSE COURSE AGGREGATE TO 3mm DEPTH AND WIRE BRUSH CLEAN. COAT SURFACE WITH SIKADUR-32 EPOXY OR APPROVED EQUIVALENT PRIOR TO POURING OF CONCRETE WHILE EPOXY IS STILL TACKY.
- A LAYER OF SAND SHALL BE BONDED TO THE UPVC PIPE WITH SOLVENT CEMENT OVER THE FULL LENGTH OF PENETRATION AFTER CLEANING WITH PRIMING FLUID. SAND COATING SHALL NOT BE APPLIED AT LOCATION OF HYDROPHILIC SEAL.
- FILL ANNULUS WITH SIKADUR-31 EPOXY OR APPROVED EQUIVALENT PRIOR TO POURING OF CONCRETE SURFACE AS PER PRODUCT SUPPLIER REQUIREMENTS.
- SCRABBLE PENETRATION SURFACE TO EXPOSE COURSE AGGREGATE TO 3mm DEPTH AND WIRE BRUSH CLEAN. IMMEDIATELY PRIOR TO PLACEMENT OF CONCRETE PLUG, THE SURFACE OF THE CONSTRUCTION JOINT MUST BE WASHED CLEAN AND THE CONCRETE SURFACE MUST BE SATURATED WITH WATER. ALL EXCESS WATER MUST BE REMOVED. REFER TO SECTION C3.13.2 OF CPDMS0023 TECHNICAL SPECIFICATION - CIVIL.
- WHERE REQUIRED, CONCRETE RISER TO BE INSTALLED TO RAISE THE ACCESS COVER FINISHED LEVEL. REFER TO DETAIL 'F'.
- DOWELS SHALL BE HOT-DIP GALVANIZED IN COMPLIANCE WITH AS/NZS 4680.
- PREPARATION OF SURFACE AT CONSTRUCTION JOINTS TO COMPLY WITH SECTION C3.13.2 OF TECHNICAL SPECIFICATION - CIVIL: DOCUMENT No. CPDMS0023. THE SURFACES OF PREVIOUSLY PLACED CONCRETE AT CONSTRUCTION JOINTS MUST BE ROUGHENED BY REMOVING ALL LOOSE AGGREGATE, LAITANCE AND SUFFICIENT MORTAR TO EXPOSE AGGREGATES TO A DEPTH OF 3 mm.
- THE FOLLOWING COVERS SHALL BE PROVIDED FOR THIS DESIGN:

CLASS B COVER

AREAS WITHIN PRIVATE PROPERTIES, AND PUBLIC SPACES, PEDESTRIAN MALLS AND FOOTWAYS **NOT** SUBJECTED TO VEHICULAR LOADING OR HAVE NO ACCESS FOR VEHICLES.

CLASS D COVER

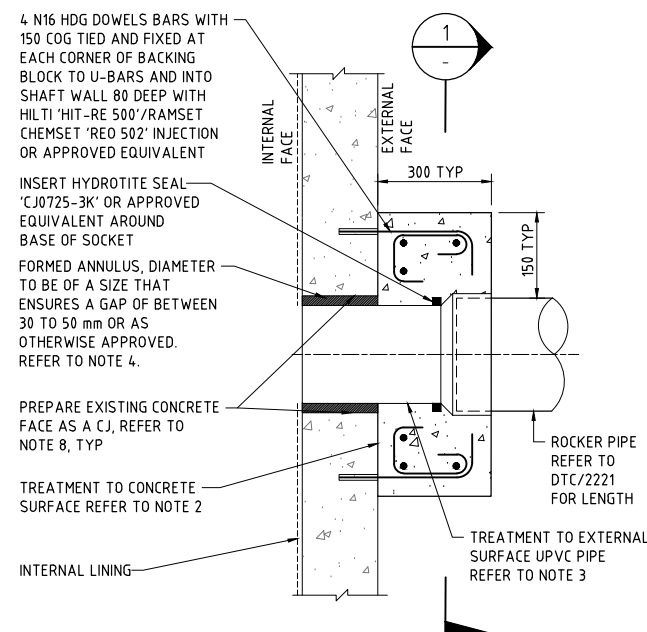
FOOTWAYS AND DRIVEWAYS IN AREAS ZONED RESIDENTIAL NOT RESTRICTED TO VEHICLES, AND PARKLAND WITH NO RESTRICTION TO VEHICULAR ACCESS.



DETAIL 'A'
TYPICAL ROAD CARRIAGEWAYS & DRIVEWAYS

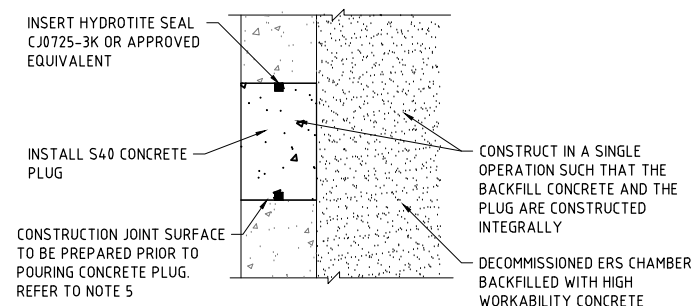
CLASS D COVER

SCALE 1:20

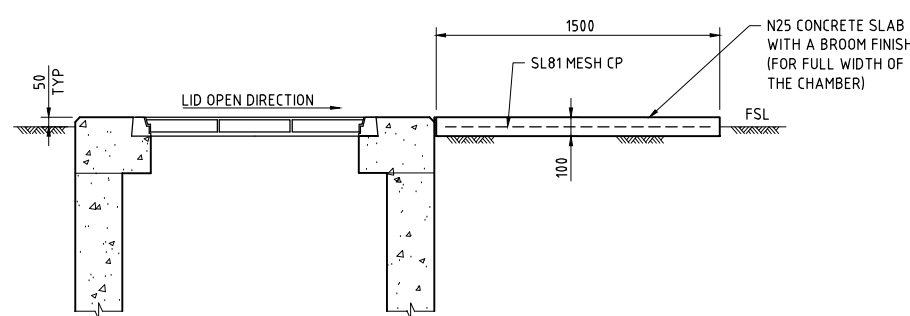


DETAIL 'C' - TYPICAL PIPE PENETRATION DETAIL

SCALE 1:10



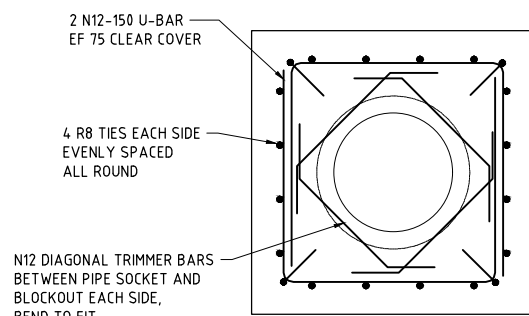
DETAIL 'E'
TYPICAL CONCRETE PLUG
FOR WALL PENETRATION DETAIL



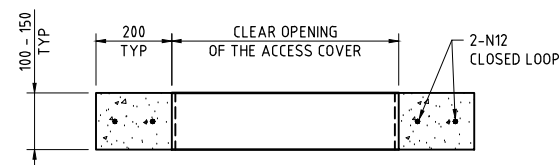
DETAIL 'B1' - SOFT LANDSCAPE

TYPICAL PARKLANDS, FOOTPATHS, PUBLIC & PRIVATE PROPERTIESCOVER CLASS AS PER NOTE 9

SCALE 1:20

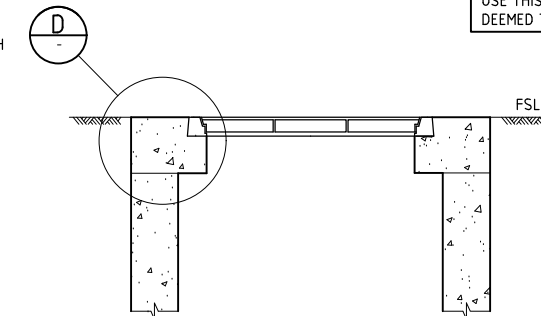


SECTION 1
SCALE 1:10

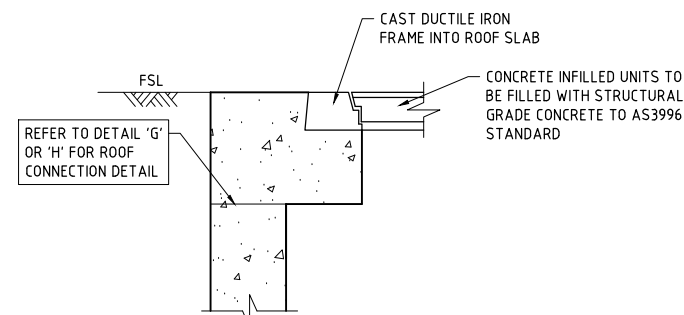


DETAIL 'F'
TYPICAL RISER DETAIL

SCALE 1:10

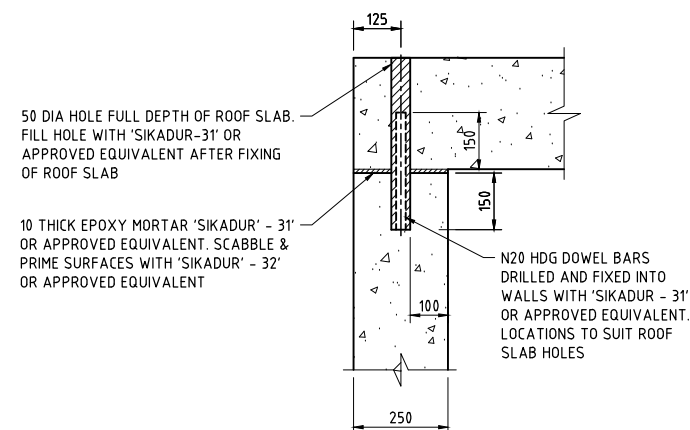


DETAIL 'B2' - HARD LANDSCAPE



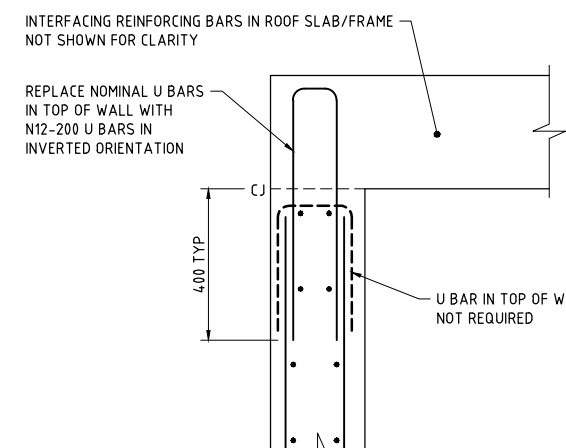
DETAIL 'D'
TYPICAL REBATE DETAIL

SCALE 1:10



DETAIL 'G'
TYPICAL ROOF CONNECTION DETAIL
FOR PRECAST ROOF SLAB

SCALE 1:10



DETAIL 'H'
TYPICAL ROOF CONNECTION DETAIL
FOR CAST IN-SITU ROOF SLAB

SCALE 1:10

Sydney
WATER



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APPROVED

DINESH DINESHHARAN
MANAGER - ENGINEERING

ENGINEERING & TECHNICAL SUPPORT

DEEMED TO COMPLY DRAWINGS

EMERGENCY RELIEF STRUCTURE
TYPICAL DETAILS

DTC**2409**

ISSUE DATE

A 14/09/21

A	ORIGINAL ISSUE	D.D.	14/09/21
LETTER	DETAILS OF ISSUE / AMENDMENT	APP'D	DATE