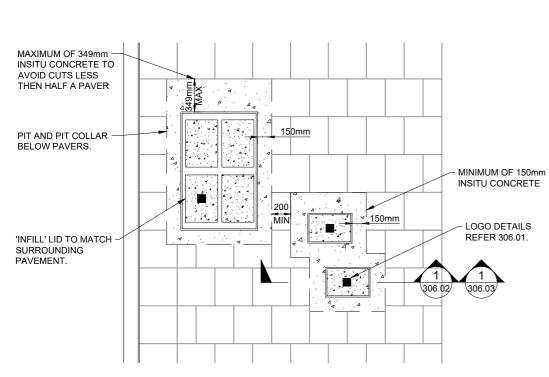
DESIGN & CONSTRUCTION NOTE

SERVICE PIT COVERS IN CITY GREY PAVING

FOOTPATH AND PAVEMENT DESIGN

306.00 REVIEWED: 07.05.2024





GENERAL NOTES

UPON REQUEST, THE CITY OF PERTH WILL CONSIDER PERMITTING SERVICE COVERS INSTALLED AT PAVEMENT LEVEL. SHOULD PERMISSION BE GRANTED, THE FOLLOWING 'BEST PRACTICE' DESIGN AND CONSTRUCTION STANDARDS SHALL APPLY:

- LIDS SHALL BE A 'TRAY' DESIGN IN CAST METAL OR FABRICATED STEEL WITH IN-SITU CONCRETE MATCHING IN COLOUR AND TEXTURE AND WITH A MINIMUM STRENGTH
 OF 25MPA. TO MATCH THE CITY GREY PAVING THE CONCRETE MIX IS: ORANGE GROVE FROM BORAL. MIX NEEDS TO BE WASHED TO PRODUCE A WASHED AGGREGATE
 FINISH.
- 2. SNAP LOCATION OF PIT LID & FRAME TO THE GRID CREATED BY 400X400X60MM PAVERS WHERE POSSIBLE.
- 3. PAVING AROUND THE COVER SHOULD BE NO LESS THAN $rac{1}{2}$ A STANDARD PAVING UNIT CUT ADJACENT PAVER TO ACCOMMODATE IF REQUIRED.
- 4. ALL PITS & LIDS SHALL CONFORM TO AS 3996-2019. CLASŚ C LIDS WOULD BE THE PREFERRED MINIMUM FOR TYPICAL SERVICE COVERS IN THE FOOTPATH. CLASS D WOULD BE REQUIRED FOR HEAVIER VEHICLE LOADING REQUIREMENTS.
- 5. INSITU CONCRETE COLLAR AND INFILL MATERIAL IN LID ARE TO MATCH SURROUNDING PAVING IN COLOUR AND TEXTURE.
- INSITU CONCRETE COLLAR TO ACHIEVE A MINIMUM CHARACTERISTIC COMPRESSIVE STRENGTH OF 25MPa AT 28 DAYS. A MINIMUM NOMINAL AGGREGATE OF 14MM AND SLUMP OF 80MM MAX. SLIP RESISTANCE TO COMPLY WITH AS4586 & AS3661.
- 7. TRAFFIC LOAD TO INCLUDE STREET SWEEPERS & GARBAGE TRUCKS
- 8. EXCEPTIONS HAVE BEEN MADE FOR EXISTING SERVICE PITS & LIDS MAINTENANCE ON D&C NOTE 306.03 ANY FURTHER INQUIRIES REFER TO THE CITY OF PERTH REPRESENTATIVE AT STREET PRESENTATION & MAINTENANCE TUD.INBOX@CITYOFPERTH.WA.GOV.AU

