NOTE - SHEET 1

SH1.1. NOT TO SCALE. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.

SH1.2. DESIGN, DIMENSIONS AND REINFORCEMENT ARE BASED ON THE DEPARTMENT OF HOUSING NSW 1987 STANDARD DRAWINGS.

SH1.3. REINFORCEMENT IS DRAWN DIAGRAMMATICALLY & EXAGGERATED FOR CLARITY. ALL REINFORCING BARS SHALL BE GRADE 400 MIN DEEDED TO AS4671 UNLESS NOTED OTHERWISE. ALL MESH SHALL BE GRADE 500 TO AS4671.

SH1.4. CONCRETE COVER. CLEAR COVER TO REINFORCEMENT SHALL BE 50 mm MINIMUM U.N.O. EXPOSURE CLASSIFICATION IS ASSUMED TO BE B1 AS PER AS4671. IN ADH.COMBO, EXPOSURERN CLASSIFICATIONS, CLEAR COVER TO REINFORCEMENT IS TO BE INCREASED ACCORDINGLY TO AS1065.

SH1.5. CONCRETE. CHARACTERISTIC COMpressive STRENGTH f'c

SH1.6. CONCRETE FINISH. EXPOSED SURFACES TO BE OFF STORM FORM/FRESH OR OF HIGH QUALITY STEEL FLOAT FINISH. ALL EXPOSED JOINTS TO BE ROUNDED TO 5 mm RADIUS.

SH1.7. MASS CONCRETE BENCHING. TOP OF BENCHING TO BE HALF OF THE OUTLET PIPE DIAMETER AND A MINIMUM DISTANCE OF 300 MM AT THE OUTLET PIPE AWAY.

SH1.8. PRECAST CONCRETE. ALL PRECAST COMPONENTS TO BE FACTORY PRODUCED OF VIBRATED CONCRETE AND STEAM CURLED. PRECAST PITS TO BE CONFORM TO AS2300.3.3 CLASSES B3.0 TO 7.5.

SH1.9. PRECAST CONCRETE. PRECAST PITS WITH THIN WALL SECTIONS ON ALL SIDES SHALL BE PROVIDED WITH CENTRALLY LOCATED REINFORCEMENT TO LAST NO. OF PINS TYP. 1 NO. OF HOLE TYP. HOLE WITH 0.03m SIZE CRUSHED ROCK AGGREGATE BEING OPENED IN. IN ALL CASES WHERE DIRECTED TYP. WALLS AS DIRECTED.

SH1.10. PIT WALLS SHALL BE CONSTRUCTED OF SUITABLE MATERIAL TO AVOID BIRD MOLLUSC MACHINES.

SH1.11. NO HOLES, CHASES OR EMBLEMS OF PIPES OTHER THAN THOSE SHOWN ON THE DRAWINGS SHALL BE MADE IN CONCRETE MEMBERS WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ENGINEER.


SH1.13. SUBGRADE DRAINAGE. REFER TO NOTE SH1.16 FOR SUBGRADE DRAINAGE REQUIREMENTS.

SH1.14. CONSTRUCTION DRAINAGE: DURING CONSTRUCTION, PROVIDE 400 mm HOLE AT SUBGRADE LEVEL AT SAG PITS. GRATE HOLE WITH 0.03m CRUSHED ROCK AGGREGATE ONCE PAYMENT IS CONSTRUCTED.

SH1.15. GRATES. GRATES SHALL BE FULLY WELDED WITH A MINIMUM HYDRAULIC AREA OF 0.3 m² BE PROVIDED WITH SECURITY BOLT DOWN. BE LOAD CLASS D (TO BE APPROVED PRIOR TO CONSTRUCTION OR PRIOR TO ISSUE OF BWW BY MCC). BICYCLE SAFE IN ACCORDANCE WITH AS 3996 AND PASSED WITH MANUFACTURER'S NAME, LOAD CLASS AND WEIGHT AND CODE NUMBER AS REQUIRED BY AS3996.

SH1.16. GRATE INSTALLATION ALL GRATES ARE TO BE SET PARALLEL AND IN LINE WITH FRAME OF KERB. DURING INSTALLATION OF GRATE AND FRAME, ENSURE CLEARANCE BETWEEN LINTEL AND OPPOSITE SIDES IS TO BE INCREASED TO 300 MM FOR PIPES Ø100-200, EACH SIDE.

SH1.17. LINTEL LENGTH SHOWN REFERS TO THE 'NOMINAL LINTEL OPENING' OR CLEAR LENGTH OF LINTEL.

SH1.18. OTHER KERB PROFILES. FOR OTHER THAN STANDARD GA, LINTELS ARE TO BE UP TO A MAXIMUM 0.3 TIMES OM THE TOP OF KERB TO MAINTAIN SAFE GRATE CROSSFALL AND OPENING CLEARANCES. LINTEL MAY NEED TO BE SET BACK FROM NOMINAL KERB LINE AS DIRECTED BY MCC INSPECTOR. TRANSITION KERBS ARE TO BE DESIGNED AND DETAIL AS REQUIRED BY MCC INSPECTOR.

SH1.19. LIMITS OF PITS AT SAG PITS. GRATES SHALL BE PLACED CENTRALLY TO THE LINTEL, WITH AN INLET RACE ON BOTH SIDES.

SH1.20. LIMITS OF PITS. GREATEST THAN 600 DEEP. PROVIDE INDIVIDUAL-RUNG (STEP-IRON) LADDERS IN ACCORDANCE WITH MCC AUS SPEC 1004 AND AS 1657.6 ON OPPOSITE WALL TO GRATE HINGE. REFER TO DETAIL ON SHEET 4. SHARP EDGES ARE TO BE ROUNDED AND INDIVIDUAL-RUNG LOADING COMPONENTS ARE TO BE HOT DIP GALVANISED AFTER FABRICATION.

SH1.21. LIMITS OF PITS. GREATEST THAN 600 DEEP. PROVIDE SLIDING MESH CENTRALY IN WALLS AND FLOOR WITH A MINIMUM 50 mm COVER OVERLAY ON ALL WALLS AND CENTRES AND INTO THE FLOOR OR, ALTERNATIVELY, PROVIDE 400 X 400 NO GAGS AT 300 CENTRES.

SH1.22. GALLUISHING. TO BE IN ACCORDANCE WITH AS1214 AND AS4490 FOR ALL EXPOSED COMPONENTS.

SH1.23. CUTTING OF PITS. ALL CUT CONCRETE PITS SHALL HAVE THEIR CUT END SEAMED WITH EPOXY MORTAR TO PROTECT THE STEEL REINFORCEMENT.

SH1.24. KEEP IN MIND THE FOLLOWING.

SH1.25. KEEP IN MIND THE FOLLOWING.
NOTES - SHEET 2

SH2.1. NOT TO SCALE. ALL DIMENSIONS ARE IN MILLIMETRES (mm) U.N.O.

SH2.2. DESIGN, DIMENSIONS AND REINFORCEMENT ARE BASED ON THE DEPARTMENT OF HOUSING NSW 1987 STANDARD DRAWINGS.

SH2.3. REINFORCEMENT: REINFORCEMENT IS DRAWN DIAGRAMMATICALLY & EXAGGERATED FOR CLARITY. ALL REINFORCING BARS SHALL BE GRADE D250 TO AS4100. ALL MESH SHALL BE GRADE 50B, TO AS4100.

SH2.4. CONCRETE COVER: CLEAR COVER TO REINFORCEMENT SHALL BE 50 mm MINIMUM U.N.O. EXPOSURE CLASSIFICATION IS ASSUMED TO BE A1 AS PER AS5100. IN AREAS WITH HIGHER EXPOSURE CLASSIFICATIONS, COVER TO REINFORCEMENT IS TO BE INCREASED ACCORDINGLY TO AS5100.

SH2.5. CONCRETE: CHARACTERISTIC COMpressive STRENGTH (fck) FOR CAST IN SITU CONCRETE SHALL BE A MINIMUM OF 12 MPa. AT 28 DAYS, ALL CONCRETE SHALL CONFORM TO AS 1576. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF AS5100 INCLUDING AMENDMENTS.

SH2.6. CONCRETE FINISH: EXPOSED SURFACES TO BE OFF STEEL FORM FINISH OR OF HIGH QUALITY STEEL, FLOAT FINISH. ALL EXPOSED EDGES TO BE ROUNDED TO 5 mm RADIUS.

SH2.7. MASS CONCRETE BENCHING, TOP OF BENCHING IS TO BE HALF OF THE OUTLET PIPE DIAMETER AND A MINIMUM 100mm AT THE OUTLET PIPE INVERT.

SH2.8. PRECAST CONCRETE: ALL PRECAST COMPONENTS TO BE FACTORY PRODUCED OF VIBRATED CONCRETE AND STEAM CURLED. PRECAST PITS ARE TO CONFORM TO AS2653.3 CLAUSES 5.12.8 AND 7.8.

SH2.9. PRECAST CONCRETE: PRECAST PIT UNITS WITH THIN WALL SECTIONS ON ALL 4 SIDES WILL NOT BE ACCEPTED.

SH3-10. PIT WALLS SHALL BE CONSTRUCTED OF SUFFICIENT INTERNAL DIMENSIONS TO AVOID 'BIRD MOUTHING' OF PIPES.

SH3-11. NO HOLES, CHASING OR EMBEDMENT OF PIPES OTHER THAN THOSE SHOWN ON THE DRAWINGS SHALL BE PERMITTED. ALL CUT CONCRETE PIPES SHALL HAVE THEIR CUT END SEALED WITH EPOXY MORTAR TO PROTECT THE STEEL REINFORCEMENT.


SH3-13. SUBSOIL DRAINAGE: 0.150 SUBSOIL DRAINAGE PIPE 300 long, OR FULL WIDTH OF ROAD, WRAPPED IN FABRIC SOCK TO BE PROVIDED IN PIPE TRENCHES ADJACENT TO INLET/OUTLET PIPES. REFER TO SD0104 FOR FURTHER DETAILS.

SH3-14. PIT DEEPER THAN 1.50m: PROVIDE INDIVIDUAL-RUNG (STEP-IRON) LADDERS IN ACCORDANCE WITH MCC AS2080.1010 AND AS4100.7.1.4 ON ONE WALL - REFER TO DETAILS ON SHEET 4. SHARP EDGES ARE TO BE ROUNDED AND INDIVIDUAL-RUNG LADDER COMPONENTS ARE TO BE HOT DIP GALVANISED AFTER FABRICATION.

SH3-15. PIT DEEPER THAN 0.30m: PROVIDE PLASTIC MESH CENTRALLY IN WALLS AND FLOOR WITH A MINIMUM 50mm COVER. OVERLAP MESH 150mm AT WALL CORNERS AND INTO THE FLOOR, OR ALTERNATIVELY, PROVIDE 400 X 400mm CROSSES AT 200 CENTIMETRES.

SH3-16. GALVANISING: TO BE IN ACCORDANCE WITH AS 1214 AND AS 4889 FOR ALL EXPOSED COMPONENTS.

SH3-17. CUTTING OF PIPES: ALL CUT CONCRETE PIPES SHALL HAVE THEIR CUT END SEALED WITH EPOXY MORTAR TO PROTECT THE STEEL REINFORCEMENT.

SH3-18. SURFACE INLET PIT OPENINGS: AN R20 GALVANISED BAR SHALL BE PLACED HORIZONTALLY ACROSS THE OPENING AT MID-HEIGHT WHEN OPENINGS GREATER THAN 115 mm ARE REQUIRED.

SH6-10.纪委书记

SHEET 2 - SURFACE INLET PITS

SD0110
**NOTES - SHEET 3**

**SH3.7.** PRECAST CONCRETE: MINIMUM 50 mm THICK AT THE OUTLET PIPE INVERT.

**SH3.6.** PRECAST CONCRETE: MINIMUM 32 MPa, AT 28 DAYS. ALL CONCRETE SHALL CONFORM TO AS 1379.

**SH3.1.** MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF AS5100 INCLUDING AMENDMENTS.

**TO NOTE SH3.7**

**REFER TO**

- **B** PRECAST CONCRETE:
  - MINIMUM 50 mm THICK AT THE OUTLET PIPE INVERT.
  - ALL EXPOSED EDGES TO BE ROUNDED TO 5 mm RADIUS.
  - MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF AS5100 INCLUDING AMENDMENTS.
  - MINIMUM OF 32 MPa, AT 28 DAYS. ALL CONCRETE SHALL CONFORM TO AS 1379.

**TO NOTE SH3.16**

**REFERENCES TO**

- **B**- PRECAST CONCRETE:
  - MINIMUM 50 mm THICK AT THE OUTLET PIPE INVERT.

**MINIMUM OF 32 MPa, AT 28 DAYS. ALL CONCRETE SHALL CONFORM TO AS 1379.**

**ALL WORKMANSHIP AND REINFORCEMENT:**

- DESIGN, DIMENSIONS AND REINFORCEMENT ARE BASED ON THE DEPARTMENT OF HOUSING NSW 1987 GRADE 500L TO AS4671.

**CONCRETE FINISH:**

- CONCRETE COVER:
  - STANDARD DRAWINGS.

**CONCRETE COVER:**

- CLEAR COVER TO REINFORCEMENT SHALL BE 50 mm MINIMUM.
- U.N.O. EXPOSURE

**CONCRETE FINISH:**

- STANDARD DRAWINGS.

**STANDARD DRAWING**

- FRAME GRATE & LEGS TO BE HOT DIP GALVANISED AFTER FABRICATION

**DETAIL 1**

- Holding Down Bolt (Pit Type A Shown)

**DETAIL 2**

- Holding Down Bolt (Pit Type A Shown)

**SECTION A**

- SURCHARGE PIT GRATE - SEE TABLE FOR TYPE, GRATE AND LEGS TO BE PROVIDED FOR GRATE TO MANUFACTURERS DETAILS

**SECTION B**

- SURCHARGE PIT GRATE - SEE TABLE FOR TYPE, GRATE AND LEGS TO BE PROVIDED FOR GRATE TO MANUFACTURERS DETAILS

**SECTION C**

- SURCHARGE PIT GRATE - SEE TABLE FOR TYPE, GRATE AND LEGS TO BE PROVIDED FOR GRATE TO MANUFACTURERS DETAILS

**PATHWAY GRATED PIT**

- HOLDING DOWN BOLT DETAIL

**PATHWAY PIT**

- PRECAST Lintel UNLESS 1220 LONG (TYP.)

**SURCHARGE PIT GRATE**

- Reference to Note SH3.7

**CONCRETE COVER**

- MASS CONCRETE BENCHING: ALSO REFER TO NOTE SH3.7

**SURCHARGE PIT NOMINAL INSIDE DIMENSIONS & GRATE TYPES**

- PI OPENING SIZE
  - TYPE A 90 X 600
  - TYPE B 75 X 500
  - TYPE C 60 X 400

**SURCHARGE PITS - PIPE MAX. DIAM. (mm)**

- INLET PIPE ON STRAIGHT
  - 750
- OUTLET PIPE ON STRAIGHT
  - 750

**EXPANSION JOINT**

- TO MANUFACTURERS DETAILS OR AS PER DETAIL

**GRATE AS SHOWN**

- ALSO REFER TO NOTE SH3.14

**# 1200 TRANSITION FOR 100 TO 150 KERB HEIGHT & 125 TO 150 KERB WITHIN WHERE APPLICABLE**

**SD0110 Inlet Pits.dwg**

**AutoCAD File:**

- FOOTPATH
  - SD0104
  - MANUFACTURES NAME, LOAD CLASS, GRATE WEIGHT AND CODE NUMBER AS REQUIRED BY AS3996.

**PLAN - STANDARD PATHWAY**

- SD0110

**PLAN - STANDARD SURFACE DRAIN**

- STANDARD INLET PITS

- MANUFACTURES NAME, LOAD CLASS, GRATE WEIGHT AND CODE NUMBER AS REQUIRED BY AS3996.

**GRATING**

- GRATES SHALL BE FULLY WELDED, HYDRAULICALLY OPTIMISED, BE PROVIDED WITH SECURITY BOLT-DOWNS, BE HINGED, BE LOAD CLASS A (TO BE APPROVED PRIOR TO CONSTRUCTION OR PRIOR TO ISSUE OF SWC BY MCC), BICYCLE SAFE IN ACCORDANCE WITH AS 3996 AND TAGGED WITH MANUFACTURER'S NAME, LOAD CLASS, GRATE WEIGHT AND CODE NUMBER AS REQUIRED BY AS3996.

**PATHWAY PIT**

- PRECAST CONCRETE LINTEL UNLESS 1220 LONG (TYP.)

**PICTURE**

- GRATE AND LEGS TO BE APPROVED PRIOR TO CONSTRUCTION OR PRIOR TO ISSUE OF SWC BY MCC

**CLASSES**

- CLASS A
  - STEEL GRAILEY, 750 N/M2, 750 N/M2

**PRECAST CONCRETE**

- MANUFACTURES NAME, LOAD CLASS, GRATE WEIGHT AND CODE NUMBER AS REQUIRED BY AS3996.

**SURCHARGE PITS - PIPE**

- NOTE SH3.13

**PATHWAY PIT**

- MANUFACTURES NAME, LOAD CLASS, GRATE WEIGHT AND CODE NUMBER AS REQUIRED BY AS3996.

**PITS GREATER THAN 1200 DEEP:**

- PROVIDE SL82 MESH CENTRALLY IN WALLS AND FLOOR WITH A MINIMUM 50 MM OVERLAP MESH AT WALL CORNERS AND INTO THE FLOOR, OR ALTERNATIVELY, PROVIDE 400 X 400 M12 COGS AT 200 CENTRES.
NOTES - SHEET 4

SH4.1. NOT TO SCALE. ALL DIMENSIONS ARE IN MILLIMETRES (mm) U.N.O.
SH4.2. DESIGN DIMENSIONS AND DIMENSIONS ARE BASED ON THE DEPARTMENT OF HOUSING NSW 1987
STANDARD DRAWINGS.
SH4.3. REINFORCEMENT: REINFORCEMENT IS DRAWN DIAGONOMICALLY & EXAGGERATED FOR CLARITY, ALL
REINFORCING BARS SHALL BE GRADE DOWN TO 431501 UNLESS NOTED OTHERWISE. ALL MESH SHALL BE
GRADE 5855 TO AS4671.
SH4.4. CONCRETE COVER: CLEAR COVER TO REINFORCEMENT SHALL BE 50 mm MINIMUM U.N.O.
EXPOSURE CLASSIFICATION IS ASSUMED TO BE B1 AS PER AS5100. IN AREAS WITH HIGHER EXPOSURE
CLASSIFICATIONS, CONCRETE COVER: STANDARDS.
SH4.5. CONCRETE FINISH: COVER TO REINFORCEMENT IS TO BE INCREASED ACCORDING TO AS5100.
CLASSIFICATION IS ASSUMED TO BE B1 AS PER AS5100. IN AREAS WITH HIGHER EXPOSURE
CLASSIFICATIONS, CONCRETE COVER: STANDARDS.
SH4.6. STEEL REINFORCEMENT IS DRAWN DIAGRAMMATICALLY & EXAGGERATED FOR CLARITY. ALL
EXPOSED EDGES TO BE ROUNDED TO 5 mm RADIUS.
SH4.7. CONCRETE FINISH: OPENING AT MID-HEIGHT WHEN OPENINGS GREATER THAN 115 mm ARE REQUIRED.
SH4.8. CONCRETE FINISH: OPENING AT MID-HEIGHT WHEN OPENINGS GREATER THAN 115 mm ARE REQUIRED.
SH4.9. CONCRETE FINISH: OPENING AT MID-HEIGHT WHEN OPENINGS GREATER THAN 115 mm ARE REQUIRED.
SH4.10. PIT WALLS SHALL BE CONSTRUCTED OF SUFFICIENT INTERNAL DIMENSIONS TO AVOID 'BIRD MOUTLING' OF
PIPS.
SH4.11. NO HOLES, CHASING OR EMBEDMENT OF PIPIES OTHER THAN THOSE SHOWN ON THE DRAWINGS SHALL BE
MADE IN CONCRETE MEMBERS WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ENGINEER.
SH4.12. THE DESIGN, CERTIFICATION, CONSTRUCTION, INSPECTION AND PERFORMANCE OF THE FORMWORK AND
FABRICATION. PRECAST PITS ARE TO CONFORM TO AS/NZS 3500.3 CLAUSES 2.12.8 AND 7.5.
SH4.13. PITS GREATER THAN 1200 DEEP: PROVIDE SL82 MESH CENTRALLY IN WALLS AND FLOOR WITH A MINIMUM
COVER. OVERLAP MESH 300 AT WALL CORNERS AND INTO THE FLOOR, OR ALTERNATIVELY, PROVIDE 400 X
400 GALVANISED COGS AT 200 CENTRES.
SH4.14. CUTTING OF PIPES: ALL CUT CONCRETE PIPES SHALL HAVE THEIR CUT END SEALED WITH EPOXY MORTAR TO
PROTECT THE STEEL REINFORCEMENT.
SH4.15. PIT WALLS SHALL BE CONSTRUCTED OF SUFFICIENT INTERNAL DIMENSIONS TO AVOID 'BIRD MOUTLING' OF
PIPS.
SH4.16. NO HOLES, CHASING OR EMBEDMENT OF PIPIES OTHER THAN THOSE SHOWN ON THE DRAWINGS SHALL BE
MADE IN CONCRETE MEMBERS WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ENGINEER.
SH4.17. THE DESIGN, CERTIFICATION, CONSTRUCTION, INSPECTION AND PERFORMANCE OF THE FORMWORK AND
FALSE WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
SH4.18. CONCRETE FINISH: OPENING AT MID-HEIGHT WHEN OPENINGS GREATER THAN 115 mm ARE REQUIRED.
SH4.19. CONCRETE FINISH: OPENING AT MID-HEIGHT WHEN OPENINGS GREATER THAN 115 mm ARE REQUIRED.
SH4.20. STEEL REINFORCEMENT IS DRAWN DIAGRAMMATICALLY & EXAGGERATED FOR CLARITY. ALL
EXPOSED EDGES TO BE ROUNDED TO 5 mm RADIUS.
SH4.21. CONCRETE FINISH: OPENING AT MID-HEIGHT WHEN OPENINGS GREATER THAN 115 mm ARE REQUIRED.
SH4.22. CONCRETE FINISH: OPENING AT MID-HEIGHT WHEN OPENINGS GREATER THAN 115 mm ARE REQUIRED.

FABRICATION:

SH4.23. PRECAST CONCRETE LID AND STEAM CURVED. PRECAST PITS ARE TO CONFORM TO AS/NZS 3600 CLAUSES 2.12.8 AND 7.5.
SH4.24. COVERS. OVERLAP MESH 300 AT WALL CORNERS AND INTO THE FLOOR, OR ALTERNATIVELY, PROVIDE 400 X
400 GALVANISED COGS AT 200 CENTRES.
SH4.25. NO HOLES, CHASING OR EMBEDMENT OF PIPIES OTHER THAN THOSE SHOWN ON THE DRAWINGS SHALL BE
MADE IN CONCRETE MEMBERS WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ENGINEER.
FABRICATION. PRECAST PITS ARE TO CONFORM TO AS/NZS 3500.3 CLAUSES 2.12.8 AND 7.5.
SH4.27. PITS GREATER THAN 1200 DEEP: PROVIDE SL82 MESH CENTRALLY IN WALLS AND FLOOR WITH A MINIMUM
COVER. OVERLAP MESH 300 AT WALL CORNERS AND INTO THE FLOOR, OR ALTERNATIVELY, PROVIDE 400 X
400 GALVANISED COGS AT 200 CENTRES.
SH4.28. CONCRETE FINISH: OPENING AT MID-HEIGHT WHEN OPENINGS GREATER THAN 115 mm ARE REQUIRED.
SH4.29. CONCRETE FINISH: OPENING AT MID-HEIGHT WHEN OPENINGS GREATER THAN 115 mm ARE REQUIRED.
SH4.30. STEEL REINFORCEMENT IS DRAWN DIAGRAMMATICALLY & EXAGGERATED FOR CLARITY. ALL
EXPOSED EDGES TO BE ROUNDED TO 5 mm RADIUS.
SH4.31. CONCRETE FINISH: OPENING AT MID-HEIGHT WHEN OPENINGS GREATER THAN 115 mm ARE REQUIRED.
SH4.32. CONCRETE FINISH: OPENING AT MID-HEIGHT WHEN OPENINGS GREATER THAN 115 mm ARE REQUIRED.
SH4.33. CONCRETE FINISH: OPENING AT MID-HEIGHT WHEN OPENINGS GREATER THAN 115 mm ARE REQUIRED.
SH4.34. CONCRETE FINISH: OPENING AT MID-HEIGHT WHEN OPENINGS GREATER THAN 115 mm ARE REQUIRED.