NOTE: ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED

1. FOR SIGNALISED INTERSECTION TYPE AND LOCATION OF THE POLES, DIRECTION OF THE PEDESTRIAN CROSSING AND RAMPS SHALL BE APPROVED BY CITY OF SYDNEY TRAFFIC OPERATION TEAM PRIOR TO ANY CHANGES. CONSULTATION AND OBTAINING APPROVAL FROM RMS ALSO MAY BE REQUIRED.

2. FOR ANY PEDESTRIAN CROSSING AT THE INTERSECTION SITE SPECIFIC LIGHTING DESIGN SHALL BE PREPARED AND APPROVAL SHALL BE OBTAINED FROM CITY OF SYDNEY'S TECHNICAL SERVICES.
REALIGN NEW PIT COVER TO MATCH NEW PAVING PATTERN (BY INCREASING PIT LID SIZE). MAXIMUM REALIGNMENT TO BE 10 DEG.

CUT PAVERS TO FIT INTO METAL PIT LID TO CONTINUE PATTERN OF SURROUNDING PAVING. LOCATION OF PIT COVER IN RELATION TO PAVING PATTERN VARIES

10mm SEALANT JOINT WITH BACKING ROD TO PERIMETER OF METAL FRAME COLOUR: BLACK

DUMMY CUT INFILL PAVERS AT EDGES OF LID TO AVOID DISLODGEMENT OF SMALL PIECES (MAX 3 WIDE x 3 DEEP CUT) CONTINUE PAVING JOINTS ACROSS THE COVER REGARDLESS OF ITS ORIENTATION

NOTES:

1. OBTAIN APPROVAL FROM AUTHORITY FOR COVER REALIGNMENT.
2. CLEAN PIT LID WITH WIRE BRUSH AND THEN WITH SOFT BRUSH TO REMOVE RUST FROM LID.
3. MOISTEN PAVER AND LID TO AID HYDRATION OF MORTAR MIX.
4. USE CEMENT MORTAR WITH FORTIFYING COMPOUND (ARDEX OR APPROVED EQUIVALENT) AS JOINTING MATERIAL.
5. USE A RICHER MIX e.g. 1:1 CEMENT:SAND THINNER (2-5mm) JOINTS AND 1:2.5 CEMENT:SAND MIX FOR THICKER (12-15mm) JOINT.
6. PIT LID INFILLS TO HAVE APPROX. 3mm GAP ON SIDES SO AS TO NOT TOUCH THE LID.
7. GAPS ON SIDES SHOULD BE GROUTED WITH RICH CEMENT SAND MIX WITH FORTIFYING COMPOUND.
8. TO ENSURE THE SERVICE PIT IS STILL ACCESSIBLE AND FIT FOR USE THE RELEVANT AUTHORITY IS TO PROVIDE SIGN OFF / APPROVAL.

PLAN 1:50

10mm SEALANT JOINT WITH BACKING ROD AROUND PERIMETER OF METAL FRAME. COLOUR: BLACK

CONCRETE SLAB TO ENG. DETAILS

EXISTING PIT WALLS

30mm THICK PAVING TO BE FIXED TO BOTTOM AND SIDES OF METAL LID AS PER NOTES. SURFACE OF PIT LID PAVING AND TOP EDGE OF PIT LID FRAME TO ALIGN WITH ADJACENT PAVERS.

SERVICE AUTHORITY APPROVED DUCTILE IRON FRAME AND LID. INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS

IF REQUIRED EXTEND WALLS WITH NEW CONCRETE TO ENGINEER'S DETAILS TO RAISE TOP OF PIT TO SUIT NEW PAVING LEVEL

NOTE: ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED
EXISTING SERVICES PIT
STAINLESS STEEL EXTENSION STRIPS TO EDGE OF LID AND FRAME (38mm PROJECTION HEIGHT)
DUMMY JOINT TO MAINTAIN PAVING PATTERN
30mm THICK PAVING ON MORTAR BED AS INFILL TO PIT COVER

FORM SET DOWN IN CONCRETE SLAB FOR FRAME OF PIT COVER. BED PIT COVER IN MORTAR

NOTES:
1. IF REQUIRED EXTEND WALLS WITH NEW CONCRETE TO ENGINEER’S DETAILS TO RAISE TOP OF PIT TO SUIT NEW PAVING LEVEL
2. CLEAN PIT LID WITH WIRE BRUSH AND THEN WITH SOFT BRUSH TO REMOVE RUST FROM LID.
3. MOISTEN PAVER AND LID TO AID HYDRATION OF MORTAR MIX
4. USE CEMENT MORTAR WITH FORTIFYING COMPOUND (ARDEX OR APPROVED EQUIVALENT) AS JOINTING MATERIAL
5. USE A RICHER MIX eg. 1:1 CEMENT:SAND THINNER (2-5mm) JOINTS AND 1:2.5 CEMENT:SAND MIX FOR THICKER (12-15mm) JOINTS
6. PIT LID INFILLS TO HAVE APPROX. 3mm GAP ON SIDES SO AS TO NOT TOUCH THE LID
7. GAPS ON SIDES SHOULD BE GROUTED WITH RICH CEMENT SAND MIX WITH FORTIFYING COMPOUND.

NOTE: ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED

PLAN 1:20

SECTION 1:5
NOTE:
1. TO ENSURE THE SERVICE PIT IS STILL ACCESSIBLE AND FIT FOR USE THE RELEVANT AUTHORITY IS TO PROVIDE SIGN OFF / APPROVAL.

PLAN 1:10

SURFACE OF PIT LID PAVING AND TOP EDGE OF PIT LID FRAME TO ALIGN WITH ADJACENT PAVERS

10mm SEALANT JOINT WITH BACKING ROD. COLOUR : BLACK

CAST IRON ACCESS COVER & FRAME

PAVING TO BE FIXED TO BOTTOM AND SIDES OF METAL LID AS PER NOTES

EXISTING SERVICES: PIT

IF REQUIRED EXTEND PIT WALLS WITH NEW CONCRETE OR TRIM TO ENG. DETAILS TO RAISE OR LOWER TOP OF PIT TO SUIT NEW PAVING LEVEL

NOTE:
1. CLEAN PIT LID WITH BRUSH AND THEN SOFT BRUSH TO CLEAR RUST FROM LID
2. MOISTEN PAVER AND LID TO AID HYDRATION OF MORTAR MIX
3. USE CEMENT MORTAR WITH FORTIFYING COMPOUND (ARDEX OR APPROVED EQUIVALENT) AS JOINTING MATERIALS
4. USE A RICHER MIX eg: 1:1 CEMENT:SAND FOR THINNER (3-5mm) JOINTS AND 1:2.5 CEMENT:SAND MIX FOR THICKER (12-15mm) JOINTS
5. PIT LID INFILLS TO HAVE APPROX. 3mm GAP ON SIDES SO AS NOT TO TOUCH THE LID
6. GAPS ON SIDES SHOULD BE GROUTED WITH RICH CEMENT SAND MIX WITH FORTIFYING COMPOUND.

SECTION 1:10

NOTE: ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED
CAST IRON TO REQUIREMENTS OF RELEVANT AUTHORITY

FOOTPATH TO BE LAID UP TO EDGE OF COVER

MIN 150mm THICK MASS CONCRETE BASE AROUND VALVE COVER FRAME

COVER SET IN PLACE USING MORTAR

FOOTPATH IN ACCORDANCE WITH RELEVANT FOOTPATH DETAIL

NOTE:

1. TO ENSURE THE SERVICE VALVE IS STILL ACCESSIBLE, THE RELEVANT AUTHORITY IS TO PROVIDE SIGN OFF / APPROVAL
2. FOR FIRE FIGHTING OPERATIONS, SERVICE VALVE COVERS ARE TO BE REINSTATED IN ACCORDANCE WITH THE WATER SUPPLY CODE OF AUSTRALIA WSA 03-2002-2.2 SYDNEY WATER EDITION VERSION, AND SPECIFICALLY DRAWINGS WAT-1305-V AND WAT-1306-V. ON COMPLETION THE NSWFB ZONE COMMANDERS EAST ONE (TEL: 0419 993 065) SHOULD BE CONTACTED TO ARRANGE TESTING TO ENSURE COMPLIANCE. TYPICALLY, THE CBD HAS SCREW HYDRANTS Whilst OUTSIDE CBD, SPRING HYDRANTS ARE USED.
3. WHERE PIT LID IS GREATER THAN 300mm IN ANY DIRECTION, AN INFILL LID IS TO BE USED.

SECTION 1:5

NOTE: ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED
TYPICAL PLAN

100mm DEEP SELF EXPANDING JOINT FILLER IN CASE OF SURROUNDING AREA BEING INFLEXIBLE PAVEMENT (eg CONCRETE)

SERVICE PIT

FOOTPATH / ROAD AREA

FLEXIBLE PAVEMENT ELEVATION

FLEXIBLE PAVEMENT

VARIES

VARIES

VARIES

VARIES

SELF EXPANDING JOINT FILLER TO DEPTH OF RIGID PAVEMENT

RIGID PAVEMENT ELEVATION

RIGID PAVEMENT

VARIES

VARIES

VARIES

VARIES

SCALE 1:20

NOTE: ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED
FOOTPATH

STRUCTURAL SOIL (REFER TO CITY OF SYDNEY STREET TREE MASTER PLAN)

100mm THICK COMPACTED DGB20 BASE

TREE

AG-DRAIN

KERB

GUTTER

ROAD

100mm THICK COMPACTED DGB20 BASE

SOIL MIX (REFER TO CITY OF SYDNEY STREET TREE MASTER PLAN)

STRUCTURAL SOIL (REFER TO CITY OF SYDNEY STREET TREE MASTER PLAN)

PLAN 1:50

SECTION 1:20

NOTE: ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED

GENERAL FOOTPATH

STRUCTURAL SOIL

FOOTWAYS

Rev B
Date 22.03.13
Approved P S
Dwg No. 2.1.7
JUNCTION ALONG PROPERTY BOUNDARY

ROAD/FOOTWAY

PROPERTY/EASEMENT

BOUNDARY

30mm THICK MORTAR BED MAXIMUM

PAVER

M8 ANCHOR BOLTS AT 500mm SPACING

90x50x3 S/S ANGLE

FOOTPATH AS SPECIFIED

REINFORCED CONCRETE BASE

NOTE: ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED

SECTION 1:5
CLASS D IRON TREE GRATE SIMILAR TO CITYGREEN 'CASTLE'. SIZE AND DEPTH TO BE COORDINATED WITH PAVING LAYOUT. INNER RINGS TO BE REMOVABLE TO ACCOMMODATE TREE GROWTH.

150MM SQ. GRATE EQUAL TO 'SPS SQUARE FLO SERIES' WITH HINGED LID (2NO.) OVER WATERING PIPE

REMOVABLE STAINLESS STEEL TREE GUARD TO BE COORDINATED WITH GRATE

NOTE: ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED