



No 59

No 57

No 55

NEW PATH TO BE LOCATED
CENTRAL TO VERGE HERE.
INSTALL "TRIPSTOP" OR EQUIV
IN FOOTPATHS ADJACENT TO
TREES - REFER TYPICAL DETAILS.
IF TREE ROOTS ARE TOO
EXTENSIVE, THEN CONSTRUCT
THIS SECTION IN ASPHALT.
RAMP OVER ROOTS WHERE POSSIBLE

LEGEND

NEW CONCRETE FOOTPATH
NEW CONCRETE VERGE
UNREINFORCED PLAN CONCRETE

NEW CONCRETE PAVEMENT
25MPa COMPRESSIVE STRENGTH
"DARK TERRAZZITA" COLOUR

CONCRETE INFILL 130 THICK 25MPa
COMPRESSIVE STRENGTH

TREE TO BE REMOVED

SMALL TREE/SHRUB TO BE REMOVED

RELOCATE SIGN WEST
OF THE NEW PATH
SIGN

PP 3

TREE

TREE

TREE

TREE

TREE

TREE

ADJUST TELECOM PIT

1500

1300

1500

No 53

CONCISE STREET

CAUTION - SERVICES!!!!



- THE POSITION OF SERVICES SHOWN ON THE DRAWING ARE INDICATIVE ONLY AND HAVE BEEN PLOTTED FROM PLANS SUPPLIED BY THE UTILITY PROVIDERS. CONTRACTORS MUST VERIFY THE LOCATION OF ALL PITS, POLES, MARKER POSTS, SIGNS, ETC. HAVE BEEN PLOTTED ON THE DRAWINGS WHERE SIGHTED AT THE TIME OF SURVEY BUT THE UNDETERMINED LOCATION OF SERVICES MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITY ON OR NEAR THE SERVICES.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR PRIOR TO ANY DEMOLITION, EXCAVATION OR CONSTRUCTION ACTIVITY ON OR NEAR THE SERVICES TO OBTAIN A DIAL-BEFORE-YOU-DIG SEARCH AND PHYSICAL SEARCH TO ESTABLISH AND CONFIRM THE EXACT LOCATION/S AND DEPTH/S OF ALL UNDERGROUND SERVICES, PRIOR TO COMMENCEMENT.

WORKING NEAR EXISTING TREES - CAUTION!!!!

WHEN EXCAVATING NEAR TREES TO BE RETAINED WHEN INSTALLING NEW CONCRETE FOOTPATH, THE FOLLOWING METHODS ARE TO BE EMPLOYED:

- CAREFULLY EXCAVATE WITH A TRENCHING MACHINE BETWEEN THE TREE WHERE NECESSARY. A SPOTTER IS TO BE USED TO GUIDE THE MACHINE.
- HAND DIGGING SHALL BE EMPLOYED EITHER SIDE OF THE TREES.
- NO ROOTS GREATER THAN 40mm ARE TO BE CUT WITHOUT PRIOR INSPECTION AND APPROVAL BY COUNCIL'S TREE SERVICES.
- NO MATERIALS ARE TO BE STORED UNDER THE TREES. GROUND SURFACE SHALL BE UNDERMINED AS PER AS4970:2009, SECTION 4.5.3.
- TREE PROTECTION BATIONS ARE TO BE PLACED ON TREE TRUNKS AS PER AS4970:2009, SECTION 4.5.2. AND FIGURE 4.



APPROX. 4 MATURE TREES TO BE REMOVED.

OFFSET PLANTING AT 2:1 RATIO SHALL BE

UNDERTAKEN IN THE VICINITY OF THE BALGOWLAH

AREA IN ACCORDANCE WITH COUNCIL'S

"DRAFT URBAN TREE CANOPY PLAN 2018".

THE REPLACEMENT TREES AND SPECIES SHALL BE

DETERMINED BY COUNCIL'S TREE SERVICES

SECTION SUBJECT TO CONSULTATION WITH RESIDENTS

STEEP DROP-OFF BEHIND

No 65

No 63

No 61

No 59

CURBAN STREET

TREE

TREE

TREE

TREE

PP

SMALL TREE/SHRUB TO BE REMOVED

LEGEND

NEW CONCRETE FOOTPATH
25MPa COMPRESSIVE STRENGTH
UNREINFORCED PLAN CONCRETE

NEW CONCRETE FRAM RAMP
25MPa COMPRESSIVE STRENGTH
"DARK TERACOTTA" COLOUR

CONCRETE INFILL 130 THICK 25MPa
COMPRESSIVE STRENGTH

TREE TO BE REMOVED

CAUTION — SERVICES!!!

THE POSITION OF SERVICES SHOWN ON THE DRAWING ARE INDICATIVE ONLY AND HAVE BEEN DERIVED FROM PLANS SUPPLIED BY THE RELEVANT UTILITY AUTHORITIES. PITS, POLES, MARKER POSTS, SIGNS, ETC. HAVE BEEN PLOTTED ON THE DRAWING FOR INFORMATION ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UNDERGROUND SERVICES PRIOR TO COMMENCEMENT.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR PRIOR TO ANY EXCAVATION TO OBTAIN ALL NECESSARY PERMITS AND TO OBTAIN A DIAL-BEFORE-YOU-DIG SEARCH AND PHYSICAL SEARCH TO ESTABLISH AND CONFIRM THE EXACT LOCATION/S AND DEPTH/S OF ALL UNDERGROUND SERVICES PRIOR TO COMMENCEMENT.

WORKING NEAR EXISTING TREES — CAUTION!!!

WHEN EXCAVATING NEAR TREES TO BE RETAINED WHEN INSTALLING NEW CONCRETE FOOTPATH, THE FOLLOWING METHODS ARE TO BE EMPLOYED:

1. CAREFULLY EXCAVATE WITH TRENCHING MACHINE BETWEEN THE TREE WHERE NECESSARY, A SPOTTER IS TO BE USED TO GUIDE THE MACHINE.
2. HANDWORKING SHALL BE EMPLOYED EITHER SIDE OF THE TREES AND WITHIN 2 METERS OF TREE TRUNKS.
3. NO ROOTS GREATER THAN 40mm ARE TO BE CUT WITHOUT PRIOR APPROVAL FROM THE TREE SERVICES.
4. NO MATERIALS ARE TO BE STORED UNDER THE TREE'S CROWN.
5. PROTECTION SHALL BE UNDERTAKEN AS PER AS4970:2009, SECTION 4.5.3.

PROTECTION BAYONS ARE TO BE PLACED ON TREE TRUNKS AS PER AS4970:2009, SECTION 4.5.2, AND FIGURE 4.



NEW FOOTPATH TO MATCH
INTO EXISTING BUS STOP SLAB.
BUS STOP STEM TO BE
RELOCATED AND TACTILES
INSTALLED - REFER STANDARD
BUS STOP SLAB DETAIL

SV
HYD

SYDNEY WATER PIT

ADJUST
HYDRANT

TREE

STEEP DROP-OFF BEHIND

LEGEND

NEW CONCRETE FOOTPATH
25MPa COMPRESSIVE STRENGTH
UNREINFORCED PLAN CONCRETE

NEW CONCRETE FRAM RAMP
25MPa COMPRESSIVE STRENGTH
"DARK TERACOTTA" COLOUR

CONCRETE INFILL 150 THICK 25MPa
COMPRESSIVE STRENGTH

TREE TO BE REMOVED

CAUTION - SERVICES!!!!

- THE POSITION OF SERVICES SHOWN ON THE DRAWING ARE INDICATIVE ONLY AND HAVE BEEN PLOTTED FROM PLANS SUPPLIED BY THE CLIENT. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL SERVICES PRIOR TO COMMENCEMENT OF WORKS.
- THE DRAWINGS WHERE SIGHTED AT THE TIME OF SURVEY BUT THE SERVICES ARE NOT TO BE INVESTIGATED OR LOCATION OF UNDERGROUND INFRASTRUCTURE.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR PRIOR TO ANY DEMOLITION, EXCAVATION OR CONSTRUCTION ACTIVITY ON OR ADJACENT TO EXISTING SERVICES TO IDENTIFY ALL SERVICES THROUGH A DIAL-BEFORE-YOU-DIG SEARCH AND PHYSICAL SEARCH TO ESTABLISH AND CONFIRM THE EXACT LOCATION/S AND DEPTH/S OF ALL UNDERGROUND SERVICES, PRIOR TO COMMENCEMENT.

WORKING NEAR EXISTING TREES - CAUTION!!!!

- WHEN EXCAVATING NEAR TREES TO BE RETAINED WHEN INSTALLING NEW CONCRETE FOOTPATH, THE FOLLOWING METHODS ARE TO BE EMPLOYED:
- CAREFULLY EXCAVATE WITH TREPOUSING MACHINE BETWEEN THE TREE WHERE NECESSARY, A SPOTTER IS TO BE USED TO GUIDE THE MACHINE.
 - HAND DIGGING SHALL BE EMPLOYED EITHER SIDE OF THE TREES AND THE MACHINE SHALL BE USED TO EXCAVATE THE TREE TRUNKS.
 - NO ROOTS GREATER THAN 40mm ARE TO BE CUT WITHOUT PRIOR INSPECTION AND APPROVAL BY COUNCIL'S TREE SERVICES.
 - NO MATERIALS ARE TO BE STORED UNDER THE TREES; GROUND PROTECTION SHALL BE UNDERTAKEN AS PER AS4970:2009, SECTION 4.5.3.
 - TREE PROTECTION BATONS ARE TO BE PLACED ON TREE TRUNKS AS PER AS4970:2009, SECTION 4.5.2. AND FIGURE 4.



CAUTION — SERVICES!!!!

- THE POSITION OF SERVICES SHOWN ON THE DRAWINGS ARE INDICATIVE ONLY AND HAVE BEEN PLOTTED FROM PLANS SUPPLIED BY THE RELEVANT UTILITY AUTHORITIES.
- PITS, POLES, MARKER POSTS, SIGNS, ETC. HAVE BEEN PLOTTED ON THE DRAWINGS FOR INFORMATION ONLY. THEY DO NOT EXIST UNTIL THE SURVEY DOES NOT INCLUDE INVESTIGATION OR LOCATION OF UNDERGROUND INFRASTRUCTURE.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR PRIOR TO ANY DEMOLITION, EXCAVATION OR CONSTRUCTION ACTIVITY ON OR ADJACENT TO THE SITE TO OBTAIN UPDATED SERVICES DIAGRAMS THROUGH A DIAL-BEFORE-YOU-DIG SEARCH AND PHYSICAL SEARCH OF ALL UNDERGROUND SERVICES PRIOR TO COMMENCEMENT OF ALL UNDERGROUND SERVICES.

WORKING NEAR EXISTING TREES — CAUTION!!!!

WHEN EXCAVATING NEAR TREES TO BE RETAINED WHEN INSTALLING NEW CONCRETE FOOTPATH, THE FOLLOWING METHODS ARE TO BE EMPLOYED:

1. CAREFULLY EXCAVATE WITH TRENCHING MACHINE BETWEEN THE TREE WHERE NECESSARY, A SPOTTER IS TO BE USED TO GUIDE THE MACHINE.
2. HAND DIGGING SHALL BE EMPLOYED EITHER SIDE OF THE TREES AND WITHIN 2 METERS OF TREE TRUNKS.
3. NO ROOTS GREATER THAN 40mm ARE TO BE CUT WITHOUT PRIOR APPROVAL FROM THE LOCAL COUNCIL.
4. NO MATERIALS ARE TO BE STORED UNDER THE TREES. GROUND PROTECTION SHALL BE UNDERTAKEN AS PER AS4970:2009, SECTION 5.3.2.
5. TREE PROTECTION BAYONS ARE TO BE PLACED ON TREE TRUNKS AS PER AS4970:2009, SECTION 4.3.2, AND FIGURE 4.

CONCRETE INFILL WITH
130 THICK SLAB
ACROSS DRIVEWAY

FOOTPATH MAY NEED TO BE
NARROWED HERE TO AVOID POLE

REMOVE REDUNDANT LAYBACK
AND REPLACE WITH 150 HIGH
STANDARD KERB AND GUTTER
5500 LENGTH

VALLEY ROAD

START WING AT
EDGE OF SW PIT

NEW FOOTPATH TO MATCH
INTO EXISTING BUS STOP SLAB.
BUS STOP STEM TO BE
RELOCATED AND TACTILES

SYDNEY WATER PIT

LEGEND

- NEW CONCRETE FOOTPATH
25MPa COMPRESSIVE STRENGTH
UNREINFORCED PLAIN CONCRETE
- NEW CONCRETE IRAM RAMP
25MPa COMPRESSIVE STRENGTH
"DARK TERACOTTA" COLOUR
- CONCRETE INFILL 130 THICK 25MPa
COMPRESSIVE STRENGTH
- TREE TO BE REMOVED



CAUTION - SERVICES!!!!



- THE POSITION OF SERVICES SHOWN ON THE DRAWING ARE INDICATIVE ONLY AND HAVE BEEN PLOTTED FROM PLANS SUPPLIED BY THE CLIENT. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL SERVICES PRIOR TO ANY EXCAVATION. MARKER POSTS, SIGNS, ETC. HAVE BEEN PLOTTED ON THE DRAWINGS WHERE SIGHTED AT THE TIME OF SURVEY BUT THE CONTRACTOR SHALL MAKE AN INVESTIGATION OF LOCATION OF ALL SERVICES PRIOR TO ANY EXCAVATION.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR PRIOR TO ANY EXCAVATION, DEMOLITION OR CONSTRUCTION ACTIVITY ON OR ADJACENT TO ANY EXISTING OR PROPOSED CONCRETE FOOTPATHS TO ESTABLISH AND CONFIRM THE EXACT LOCATION/S AND DEPTH/S OF ALL UNDERGROUND SERVICES, PRIOR TO COMMENCEMENT.

WORKING NEAR EXISTING TREES - CAUTION!!!

WHEN EXCAVATING NEAR TREES TO BE RETAINED WHEN INSTALLING NEW CONCRETE FOOTPATH, THE FOLLOWING METHODS ARE TO BE EMPLOYED:

- CAREFULLY EXCAVATE WITH TRENCING MACHINE BETWEEN THE TREE WHERE NECESSARY, A SPOTTER IS TO BE USED TO GUIDE THE MACHINE.
- HAND DIGGING SHALL BE EMPLOYED EITHER SIDE OF THE TREES TO BE RETAINED.
- NO ROOTS GREATER THAN 40mm ARE TO BE CUT WITHOUT PRIOR INSPECTION AND APPROVAL BY COUNCIL'S TREE SERVICES.
- NO MATERIALS ARE TO BE STORED UNDER THE TREES' GROUND COVER.
- TREE PROTECTION BATONS ARE TO BE PLACED ON TREE TRUNKS AS PER AS4970:2009, SECTION 4.5.2. AND FIGURE 4.

TRANSITION INTO EXISTING
DRIVEWAY (TYP)

CURBAN STREET

PP

LEGEND

NEW CONCRETE FOOTPATH
25MPa COMPRESSIVE STRENGTH
UNREINFORCED PLAIN CONCRETE

NEW CONCRETE PAVI RAMP
25MPa COMPRESSIVE STRENGTH
"DARK TERACOTTA" COLOUR

CONCRETE INFILL 130 THICK 25MPa
COMPRESSIVE STRENGTH

TREE TO BE REMOVED



CAUTION - SERVICES!!!!



- THE POSITION OF SERVICES SHOWN ON THE DRAWING ARE INDICATIVE ONLY AND HAVE BEEN PLOTTED FROM PLANS SUPPLIED BY THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL SERVICES PRIOR TO ANY EXCAVATION.
- PITS, POLES, MARKER POSTS, SIGNS, ETC. HAVE BEEN PLOTTED ON THE DRAWINGS WHERE SIGHTED AT THE TIME OF SURVEY BUT THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL SERVICES PRIOR TO ANY EXCAVATION.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR PRIOR TO ANY DEMOLITION, EXCAVATION OR CONSTRUCTION ACTIVITY ON OR OFF THE SITE TO OBTAIN ALL NECESSARY PERMITS AND APPROVALS THROUGH A DIAL-BEFORE-YOU-DIG SEARCH AND PHYSICAL SEARCH TO ESTABLISH AND CONFIRM THE EXACT LOCATION/S AND DEPTH/S OF ALL UNDERGROUND SERVICES, PRIOR TO COMMENCEMENT.

WORKING NEAR EXISTING TREES - CAUTION!!!!

WHEN EXCAVATING NEAR TREES TO BE RETAINED WHEN INSTALLING NEW CONCRETE FOOTPATH, THE FOLLOWING METHODS ARE TO BE EMPLOYED:

1. CAREFULLY EXCAVATE WITH TRENDING MACHINE BETWEEN THE TREE AND THE EXCAVATION. A SPOTTER IS TO BE USED TO GUIDE THE MACHINE.
2. HAND DIGGING SHALL BE EMPLOYED EITHER SIDE OF THE TREES.
3. NO ROOTS GREATER THAN 40mm ARE TO BE CUT WITHOUT PRIOR INSPECTION AND APPROVAL BY COUNCIL'S TREE SERVICES.
4. NO MATERIALS ARE TO BE STORED UNDER THE TREES. GROUND SURFACE SHALL BE UNDERMAINTAINED AS PER AS4970:2009, SECTION 4.5.3.
5. TREE PROTECTION BATONS ARE TO BE PLACED ON TREE TRUNKS AS PER AS4970:2009, SECTION 4.5.2. AND FIGURE 4.

CONSTRUCT BUS STOP SLAB
2100 WIDE x 1900 LONG
75 THICK, 25MPa.

ORIENTATION OF BUS TOP STEM
AND TACTILES
AS PER STANDARD DETAIL

IF WIDTH IN FRONT OF TREE IS LESS THAN 1500,
ROUTE FOOTPATH BEHIND TREE

FLORAL ARRANGEMENT AROUND
POLE TO BE REMOVED OR RELOCATED

PP

NO 89

NO 87

NO 85

LEGEND

NEW CONCRETE FOOTPATH
25MPa COMPRESSIVE STRENGTH
UNREINFORCED PLAIN CONCRETE

NEW CONCRETE FRAM RAMP
25MPa COMPRESSIVE STRENGTH
"DARK TERACOTTA" COLOUR

CONCRETE INFILL 130 THICK 25MPa
COMPRESSIVE STRENGTH

TREE TO BE REMOVED



NEW STREET EAST

RECONSTRUCT PRAM RAMP
TO NEW STANDARD

CONNECT NEW PATH
INTO EXISTING

CONSTRUCT NEW PRAM RAMP
TO COUNCIL STANDARDS
REFER DETAIL

EXISTING SHRUBS TO
BE PRUNED BACK

FOOTPATH MAY NEED TO BE REDUCED
TO 1200 WIDTH NEAR SIGNIFICANT TREE

TREE

TREE

PP

PATH WIDTH AT 1500 WIDTH
WHERE-EVER PRACTICAL

LEGEND

NEW CONCRETE FOOTPATH
25MPa COMPRESSIVE STRENGTH
UNREINFORCED PLAN CONCRETE

NEW CONCRETE PRAM RAMP
25MPa COMPRESSIVE STRENGTH
"DARK TERRAZZITA" COLOUR

CONCRETE INFILL 130 THICK 25MPa
COMPRESSIVE STRENGTH

TREE TO BE REMOVED



CAUTION - SERVICES!!!!

- THE POSITION OF SERVICES SHOWN ON THE DRAWING ARE INDICATIVE ONLY AND HAVE BEEN PLOTTED FROM PLANS SUPPLIED BY THE CLIENT. ALL SERVICES ARE TO BE DEPTH SEARCHED PRIOR TO ANY PITS, POLES, MARKER POSTS, SIGNS, ETC. HAVE BEEN PLOTTED ON THE DRAWINGS WHERE SIGHTED AT THE TIME OF SURVEY BUT THE CONTRACTOR MUST TAKE RESPONSIBILITY FOR INVESTIGATION OR LOCATION OF UNDERGROUND INFRASTRUCTURE.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR PRIOR TO ANY DEMOLITION, EXCAVATION OR CONSTRUCTION ACTIVITY ON OR OFF THE ROAD TO OBTAIN ALL NECESSARY PERMITS AND APPROVALS THROUGH A DIAL-BEFORE-YOU-DIG SEARCH AND PHYSICAL SEARCH TO ESTABLISH AND CONFIRM THE EXACT LOCATION/S AND DEPTH/S OF ALL UNDERGROUND SERVICES, PRIOR TO COMMENCEMENT.

WORKING NEAR EXISTING TREES - CAUTION!!!

WHEN EXCAVATING NEAR TREES TO BE RETAINED WHEN INSTALLING NEW CONCRETE FOOTPATH, THE FOLLOWING METHODS ARE TO BE EMPLOYED:

- CAREFULLY EXCAVATE WITH TREPOUSING MACHINE BETWEEN THE TREE TRUNK WHERE NECESSARY, A SPOTTER IS TO BE USED TO GUIDE THE MACHINE.
- HAND DIGGING SHALL BE EMPLOYED EITHER SIDE OF THE TREES.
- NO ROOTS GREATER THAN 40mm ARE TO BE CUT WITHOUT PRIOR INSPECTION AND APPROVAL BY COUNCIL'S TREE SERVICES.
- NO MATERIALS ARE TO BE STORED UNDER THE TREES; GROUND PROTECTION SHALL BE UNDERTAKEN AS PER AS4970:2009, SECTION 4.5.3.
- TREE PROTECTION BATONS ARE TO BE PLACED ON TREE TRUNKS AS PER AS4970:2009, SECTION 4.5.2. AND FIGURE 4.

CONSTRUCT BUS STOP SLAB

Y:\PROJECTS 2018-19\urban street No 53 to new st east footpath\TCL-CURBAN STREET NEW FOOTPATH-JFC.dwg