architectus™

Architecture **Urban Design Planning** Interior Architecture

ADDITIONAL SHADOW DIAGRAMS - MANLY BEACH AFTERNOON-EVENING:

PROPOSED WINTER SOLSTICE, 21 JUNE, 3PM TO 4:30PM (HALF HOUR INTERVALS) **EXISTING WINTER SOLSTICE,21 JUN3, 3PM TO 4:30PM (HALF HOUR INTERVALS)**

PROPOSED SUMMER SOLSTICE, 21 DEC, 3PM TO 6:30PM (HALF HOUR INTERVALS) EXISTING SUMMER SOLSTICE, 21 DEC, 3PM TO 6:30PM (HALF HOUR INTERVALS)

PROPOSED EQUINOX, 21 MARCH, 3PM TO 6:30PM (HALF HOUR INTERVALS) **EXISTING EQUINOX, 21 DEC, 3PM TO 6:30PM (HALF HOUR INTERVALS)**



Issue

architectus™

IMPACT ON MANLY BEACH FROM 4-5 PM PROPOSED SHADOWS 3:00PM

LINE OF EXISTING SHADOW

EXTENT OF SHADOW FROM PROPOSED BUILDINGS

Architecture Urban Design Planning Interior Architecture





CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

CONCEPT PLAN ONLY: SUBJECT TO DETAIL DESIGN

architectus™

IMPACT ON MANLY BEACH FROM 4-5 PM

PROPOSED SHADOWS 3:30PM

LINE OF EXISTING SHADOW

EXTENT OF SHADOW FROM PROPOSED BUILDINGS

Architecture Urban Design Planning Interior Architecture





CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

CONCEPT PLAN ONLY: SUBJECT TO DETAIL DESIGN

Prepared for ROYAL FAR WEST DATE **MAY 2012**

Drawing ADDITIONAL BEACH SHADOW

Scale 1:1000 TDrawing no

Issue

architectus™

IMPACT ON MANLY BEACH FROM 4-5 PM

PROPOSED SHADOWS 4PM

LINE OF EXISTING SHADOW

EXTENT OF SHADOW FROM PROPOSED BUILDINGS

Architecture Urban Design Planning Interior Architecture





CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

IMPACT ON MANLY BEACH FROM 4-5 PM PROPOSED SHADOWS 4:30

architectus™

LINE OF EXISTING SHADOW

EXTENT OF SHADOW FROM PROPOSED BUILDINGS

Architecture Urban Design Planning Interior Architecture





CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

IMPACT ON MANLY BEACH FROM 4-5 PM EXISTING SHADOWS 3:00PM

architectus™

Architecture Urban Design Planning Interior Architecture





CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

CONCEPT PLAN ONLY: SUBJECT TO DETAIL DESIGN

architectus™

IMPACT ON MANLY BEACH FROM 4-5 PM EXISTING SHADOWS 3:30PM

Architecture Urban Design Planning Interior Architecture





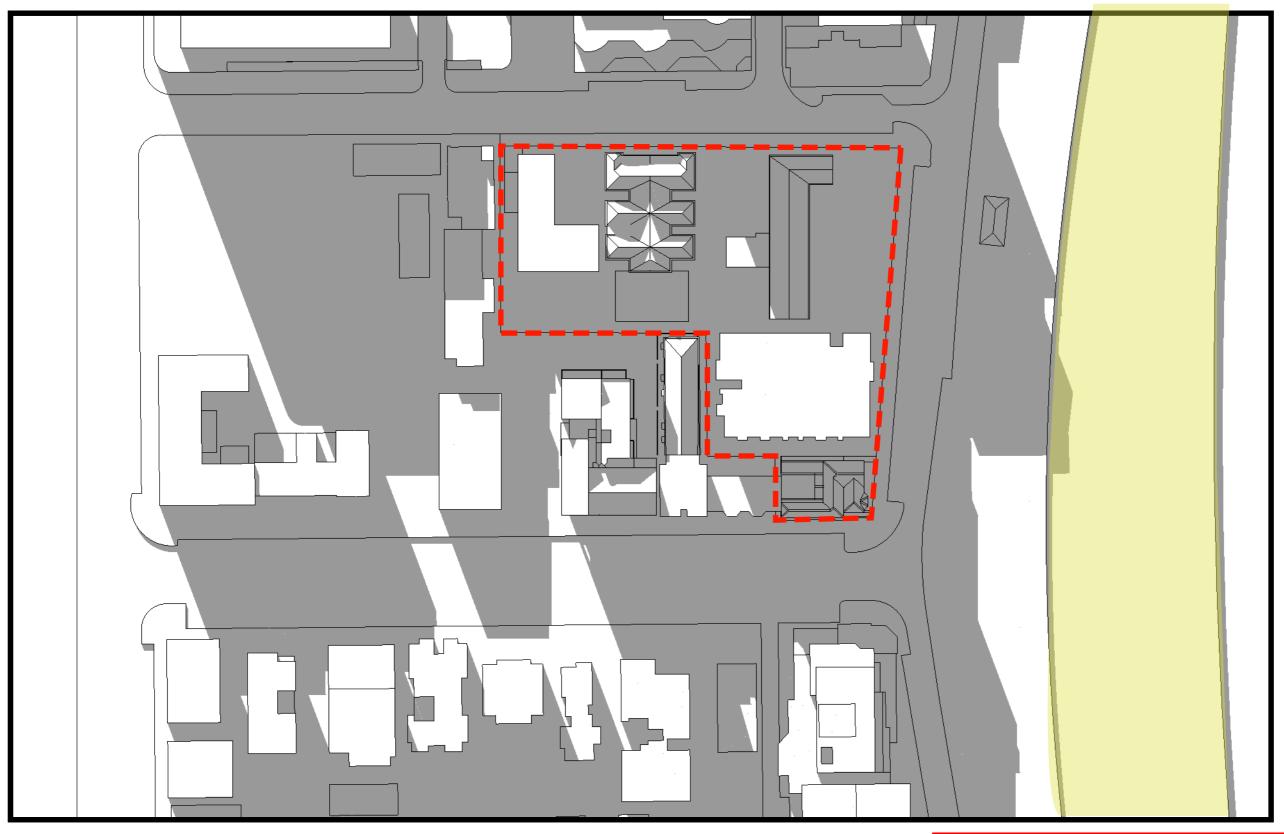
CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

architectus™

IMPACT ON MANLY BEACH FROM 4-5 PM

EXISTING SHADOWS 4:00PM

Architecture Urban Design Planning Interior Architecture





CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

IMPACT ON MANLY BEACH FROM 4-5 PM

EXISTING SHADOWS 4:30PM

architectus™

Architecture Urban Design Planning Interior Architecture





CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

architectus™

IMPACT ON MANLY BEACH FROM 3:00pm to 6:30PM

PROPOSED SHADOWS 3:00PM

LINE OF EXISTING SHADOW

EXTENT OF SHADOW FROM PROPOSED BUILDINGS

Architecture Urban Design Planning Interior Architecture





CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

CONCEPT PLAN ONLY: SUBJECT TO DETAIL DESIGN

architectus™

IMPACT ON MANLY BEACH FROM 3:00pm to 6:30PM

PROPOSED SHADOWS 3:30PM

LINE OF EXISTING SHADOW

EXTENT OF SHADOW FROM PROPOSED BUILDINGS

Architecture Urban Design Planning Interior Architecture





CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

CONCEPT PLAN ONLY: SUBJECT TO DETAIL DESIGN

Drawing ADDITIONAL BEACH SHADOW

Scale 1:1000

architectus™

IMPACT ON MANLY BEACH FROM 3:00pm to 6:30PM

PROPOSED SHADOWS 4:00PM

LINE OF EXISTING SHADOW

EXTENT OF SHADOW FROM PROPOSED BUILDINGS

Architecture Urban Design Planning Interior Architecture





CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

CONCEPT PLAN ONLY: SUBJECT TO DETAIL DESIGN

Prepared for ROYAL FAR WEST DATE **MAY 2012**

Scale 1:1000 Drawing no

architectus™

IMPACT ON MANLY BEACH FROM 3:00pm to 6:30PM

PROPOSED SHADOWS 4:30PM

LINE OF EXISTING SHADOW

EXTENT OF SHADOW FROM PROPOSED BUILDINGS

Architecture Urban Design Planning Interior Architecture





CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

architectus™

IMPACT ON MANLY BEACH FROM 3:00pm to 6:30PM

PROPOSED SHADOWS 5:00PM

LINE OF EXISTING SHADOW

EXTENT OF SHADOW FROM PROPOSED BUILDINGS

Architecture Urban Design Planning Interior Architecture





CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

Prepared for ROYAL FAR WEST

architectus™

IMPACT ON MANLY BEACH FROM 3:00pm to 6:30PM

PROPOSED SHADOWS 5:30PM

LINE OF EXISTING SHADOW

EXTENT OF SHADOW FROM PROPOSED BUILDINGS

Architecture Urban Design Planning Interior Architecture





CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

DATE **MAY 2012**

CONCEPT PLAN ONLY: SUBJECT TO DETAIL DESIGN

Scale

1:1000

architectus™

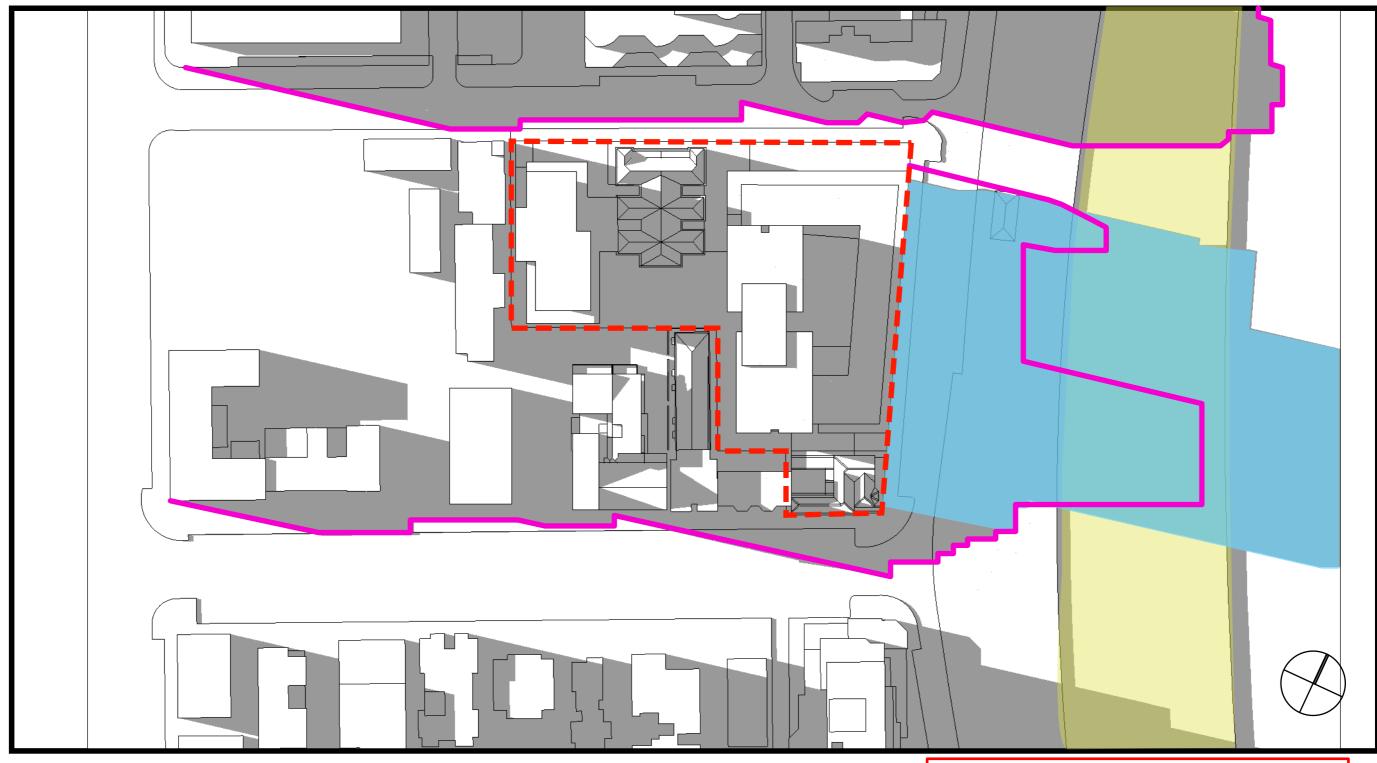
IMPACT ON MANLY BEACH FROM 3:00pm to 6:30PM

PROPOSED SHADOWS 6:00PM

LINE OF EXISTING SHADOW

EXTENT OF SHADOW FROM PROPOSED BUILDINGS

Architecture Urban Design Planning Interior Architecture



CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

architectus™

IMPACT ON MANLY BEACH FROM 3:00pm to 6:30PM

PROPOSED SHADOWS 6:30PM

LINE OF EXISTING SHADOW

EXTENT OF SHADOW FROM PROPOSED BUILDINGS

Architecture Urban Design Planning Interior Architecture



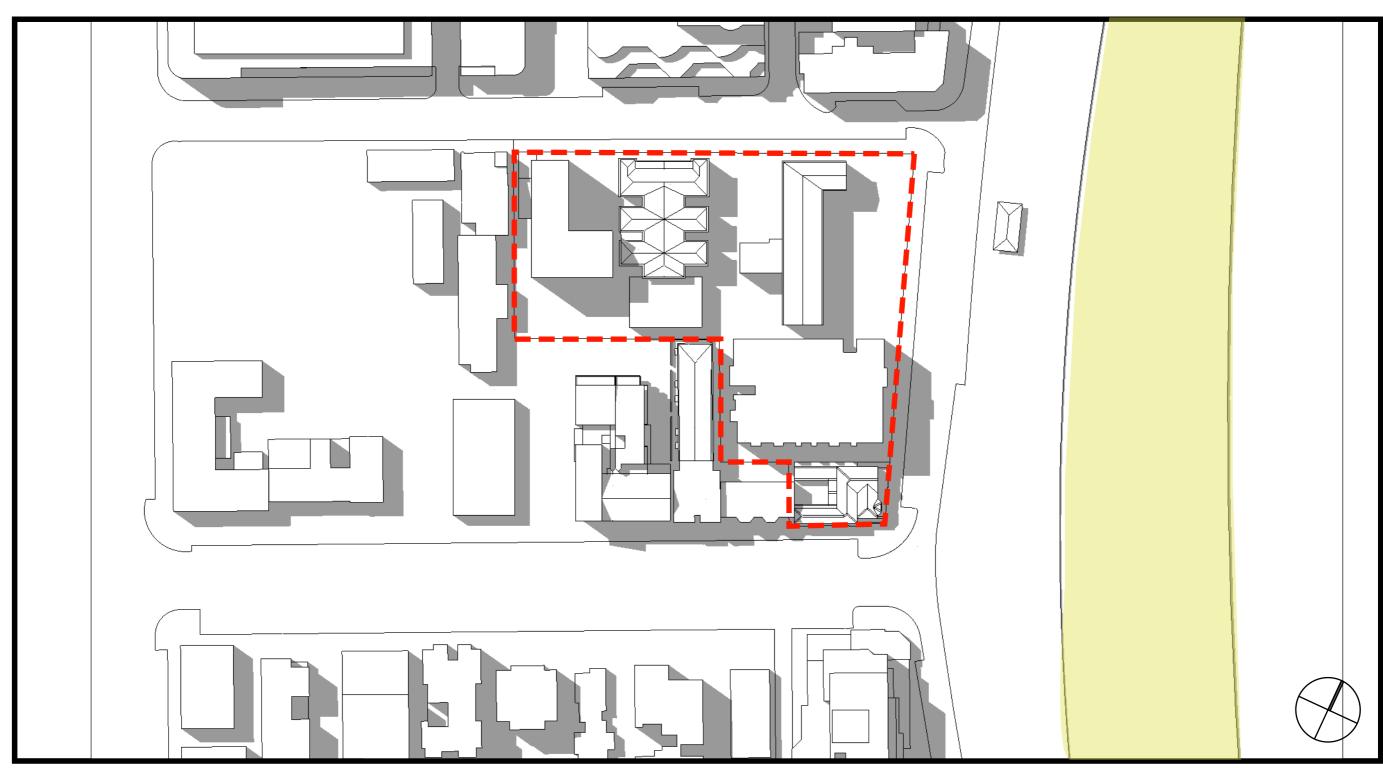


CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

architectus™

IMPACT ON MANLY BEACH FROM 3:00pm to 6:30PM **EXISTING SHADOWS 3:00PM**

Architecture Urban Design Planning Interior Architecture



CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

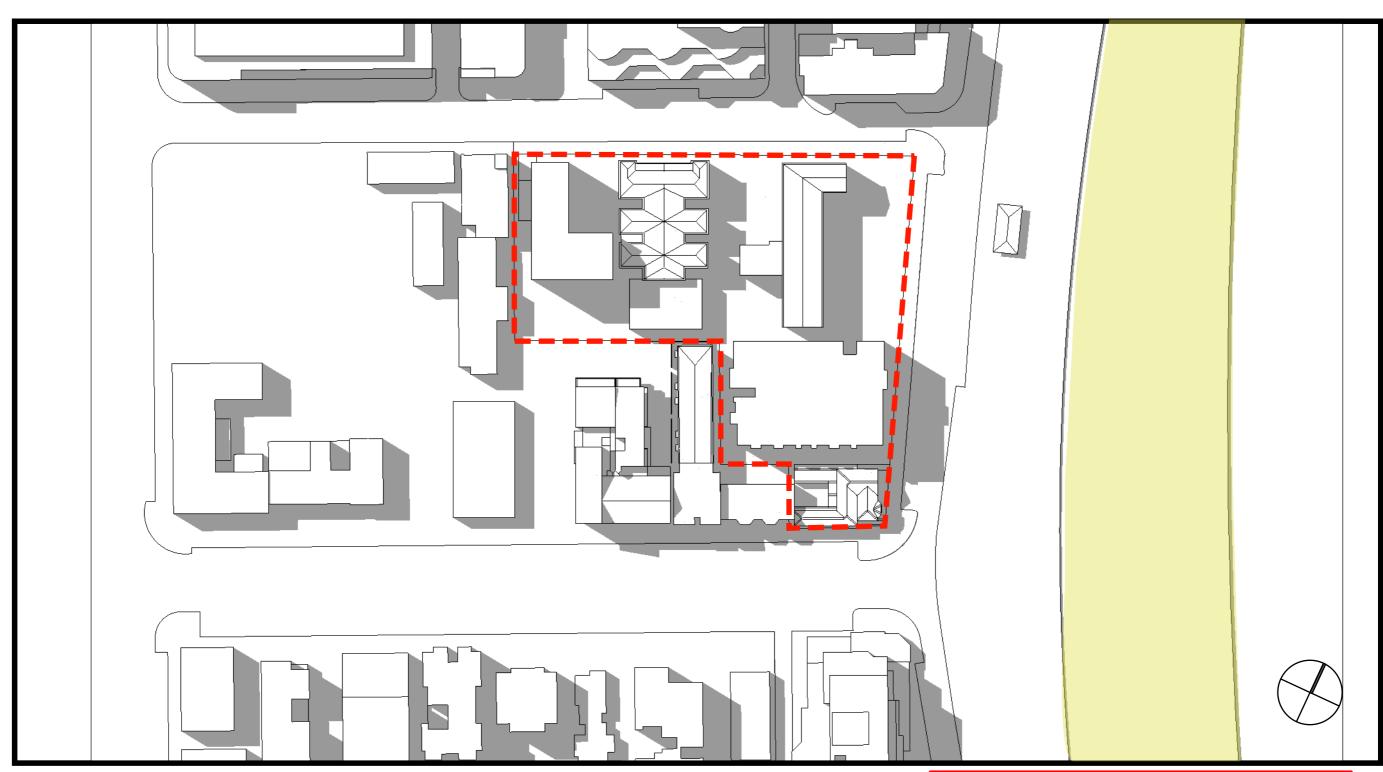
CONCEPT PLAN ONLY: SUBJECT TO DETAIL DESIGN

Issue

architectus™

IMPACT ON MANLY BEACH FROM 3:00pm to 6:30PM **EXISTING SHADOWS 3:30PM**

Architecture Urban Design Planning Interior Architecture



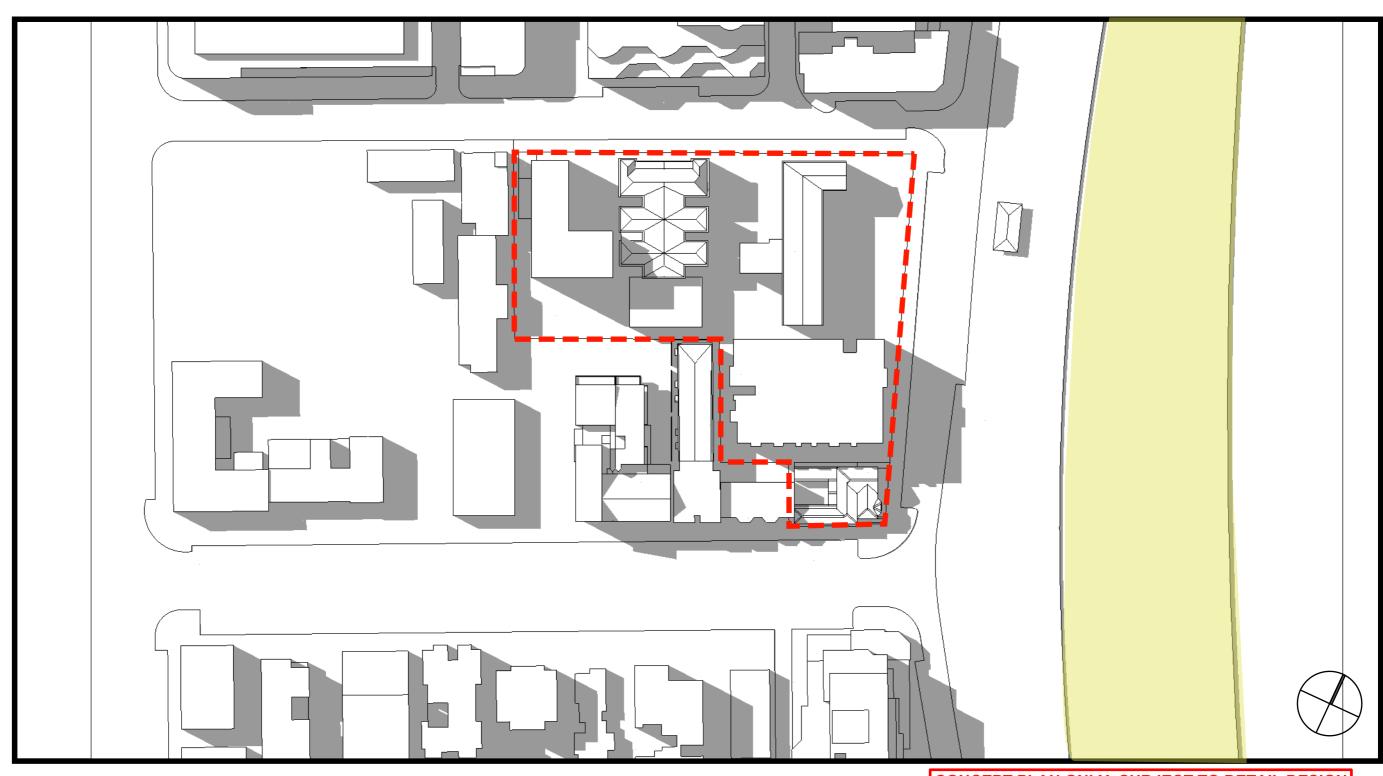
CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

architectus™

IMPACT ON MANLY BEACH FROM 3:00pm to 6:30PM

EXISTING SHADOWS 4:00PM

Architecture Urban Design Planning Interior Architecture



CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

Prepared for ROYAL FAR WEST

CONCEPT PLAN ONLY: SUBJECT TO DETAIL DESIGN

Issue

architectus™

IMPACT ON MANLY BEACH FROM 3:00pm to 6:30PM EXISTING SHADOWS 4:30PM

Architecture Urban Design Planning Interior Architecture



CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

architectus™

IMPACT ON MANLY BEACH FROM 3:00pm to 6:30PM **EXISTING SHADOWS 5:00PM**

Architecture Urban Design Planning Interior Architecture





CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

architectus™

IMPACT ON MANLY BEACH FROM 3:00pm to 6:30PM

EXISTING SHADOWS 5:30PM

Architecture Urban Design Planning Interior Architecture



CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

CONCEPT PLAN ONLY: SUBJECT TO DETAIL DESIGN

Issue

architectus™

IMPACT ON MANLY BEACH FROM 3:00pm to 6:30PM

EXISTING SHADOWS 6:00PM

Architecture Urban Design Planning Interior Architecture



CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

architectus™

IMPACT ON MANLY BEACH FROM 3:00pm to 6:30PM

EXISTING SHADOWS 6:30PM

Architecture Urban Design Planning Interior Architecture



CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

architectus™

IMPACT ON MANLY BEACH FROM 3:00PM -5:00 PM

PROPOSED SHADOWS 3:00PM

LINE OF EXISTING SHADOW

EXTENT OF SHADOW FROM PROPOSED BUILDINGS

Architecture Urban Design Planning Interior Architecture



CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

CONCEPT PLAN ONLY: SUBJECT TO DETAIL DESIGN

Prepared for ROYAL FAR WEST DATE **MAY 2012**

Scale

TDrawing no

architectus™

IMPACT ON MANLY BEACH FROM 3:00PM -5:00 PM

PROPOSED SHADOWS 3:30PM

LINE OF EXISTING SHADOW

EXTENT OF SHADOW FROM PROPOSED BUILDINGS

Architecture Urban Design Planning Interior Architecture



CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

DATE **MAY 2012**

architectus™

IMPACT ON MANLY BEACH FROM 3:00PM -5:00 PM

PROPOSED SHADOWS 4:00PM

LINE OF EXISTING SHADOW

EXTENT OF SHADOW FROM PROPOSED BUILDINGS

Architecture Urban Design Planning Interior Architecture



CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

DATE **MAY 2012**

CONCEPT PLAN ONLY: SUBJECT TO DETAIL DESIGN

Drawing ADDITIONAL BEACH SHADOW Prepared for ROYAL FAR WEST

Scale 1:1000

architectus™

IMPACT ON MANLY BEACH FROM 3:00PM -5:00 PM

PROPOSED SHADOWS 4:30PM

LINE OF EXISTING SHADOW

EXTENT OF SHADOW FROM PROPOSED BUILDINGS

Architecture Urban Design Planning Interior Architecture



CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

CONCEPT PLAN ONLY: SUBJECT TO DETAIL DESIGN

Drawing ADDITIONAL BEACH SHADOW Prepared for ROYAL FAR WEST DATE **MAY 2012**

Scale 1:1000 T_{Drawing} no

architectus™

IMPACT ON MANLY BEACH FROM 3:00PM -5:00 PM

PROPOSED SHADOWS 5:00PM

LINE OF EXISTING SHADOW

EXTENT OF SHADOW FROM PROPOSED BUILDINGS

Architecture Urban Design Planning Interior Architecture



CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

CONCEPT PLAN ONLY: SUBJECT TO DETAIL DESIGN

Drawing ADDITIONAL BEACH SHADOW Prepared for ROYAL FAR WEST DATE **MAY 2012**

Scale 1:1000

architectus™

IMPACT ON MANLY BEACH FROM 3:00PM -5:00 PM PROPOSED SHADOWS 5:30PM

LINE OF EXISTING SHADOW

EXTENT OF SHADOW FROM PROPOSED BUILDINGS

Architecture Urban Design Planning Interior Architecture



CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

DATE **MAY 2012**

CONCEPT PLAN ONLY: SUBJECT TO DETAIL DESIGN

Prepared for ROYAL FAR WEST

Drawing ADDITIONAL BEACH SHADOW STUDIES

Scale 1:1000

Drawing no

architectus™

IMPACT ON MANLY BEACH FROM 3:00PM -5:00 PM

EXISTING SHADOWS 3:00PM

Architecture Urban Design Planning Interior Architecture



CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

DATE **MAY 2012**

CONCEPT PLAN ONLY: SUBJECT TO DETAIL DESIGN

Drawing ADDITIONAL BEACH SHADOW Prepared for ROYAL FAR WEST

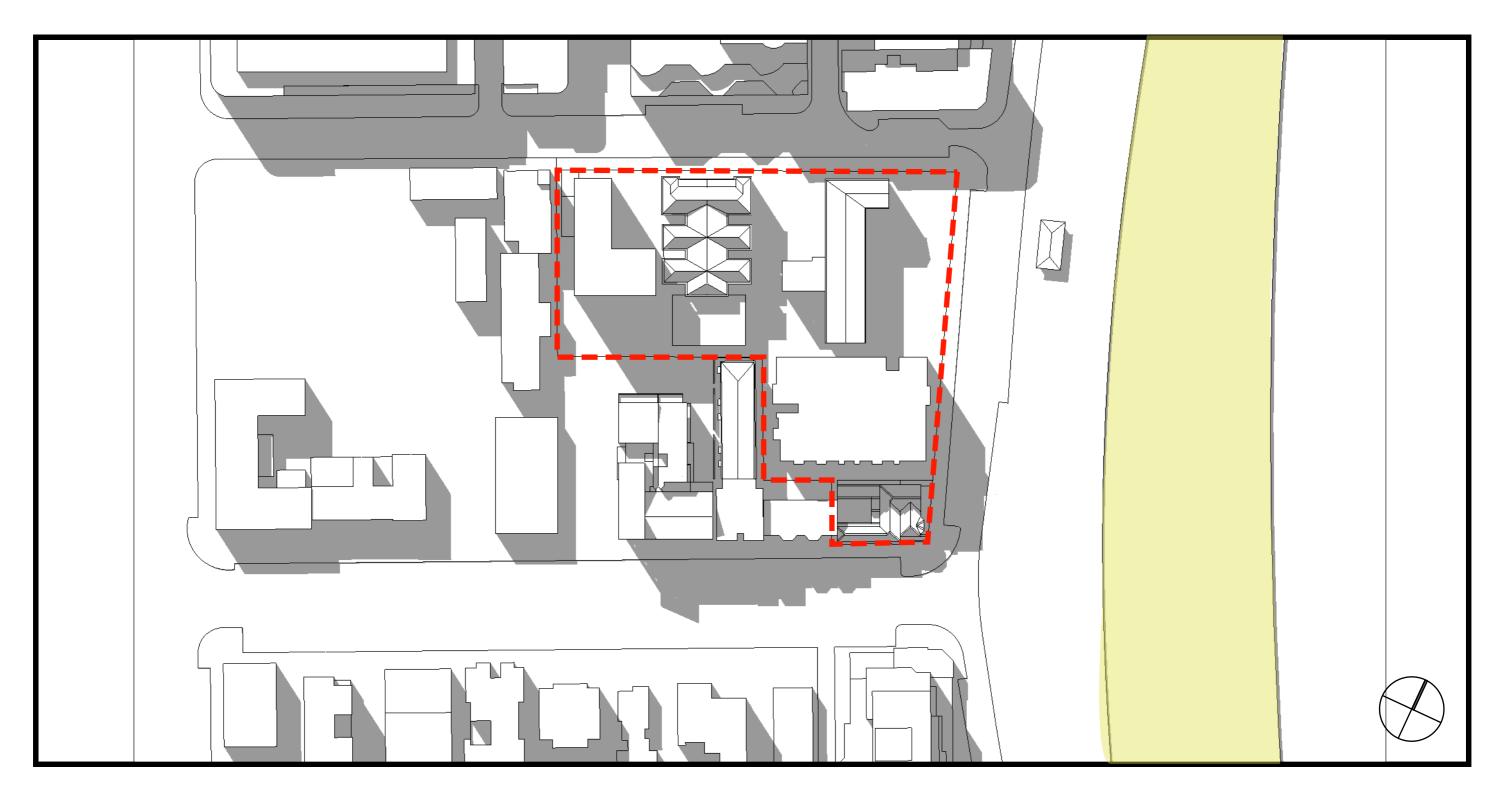
Scale 1:1000

architectus™

IMPACT ON MANLY BEACH FROM 3:00PM -5:00 PM

EXISTING SHADOWS 3:30PM

Architecture Urban Design Planning Interior Architecture



CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

CONCEPT PLAN ONLY: SUBJECT TO DETAIL DESIGN

DATE MAY 2012 Prepared for ROYAL FAR WEST Drawing ADDITIONAL BEA

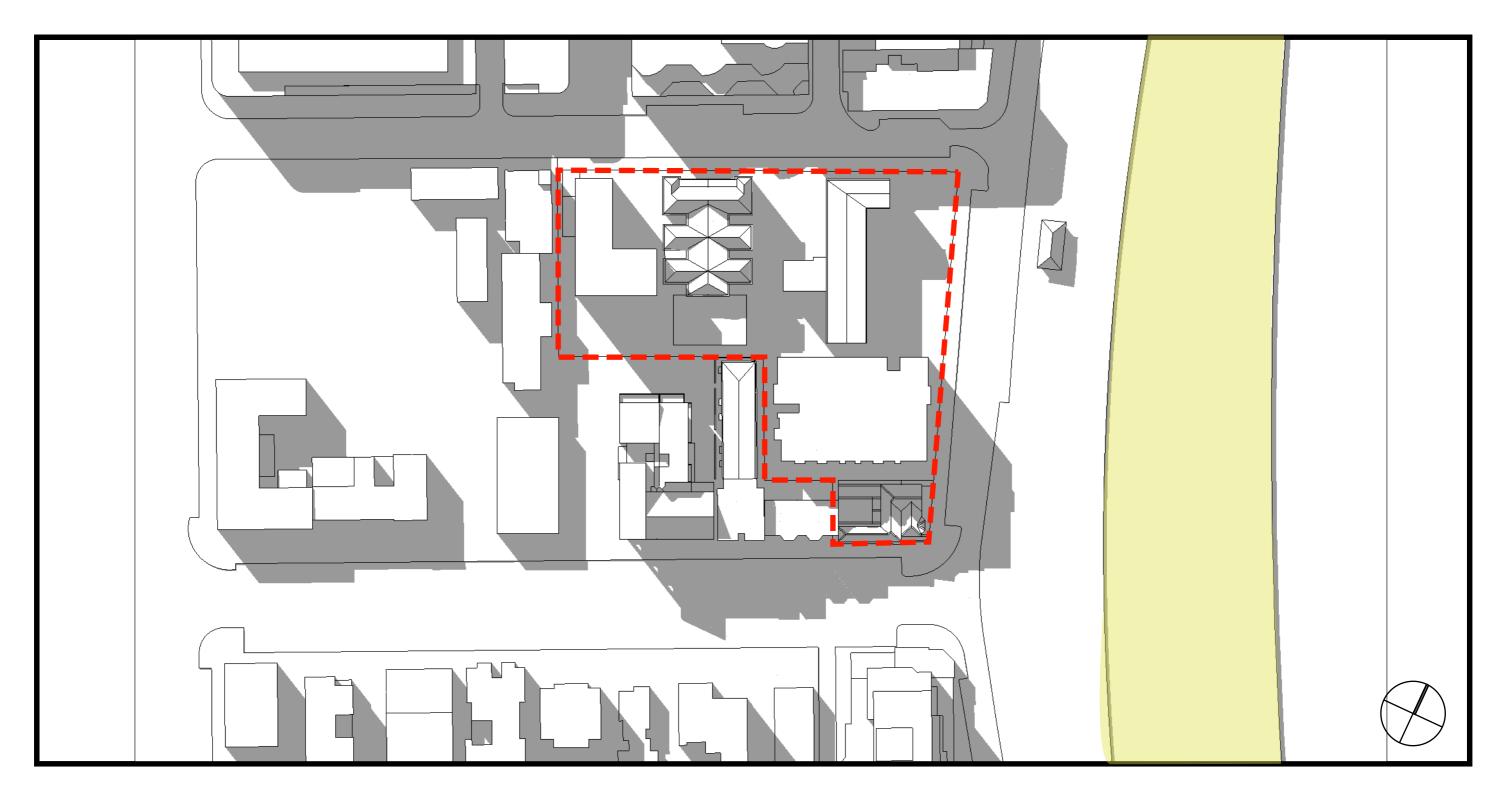
1:1000

architectus™

IMPACT ON MANLY BEACH FROM 3:00PM -5:00 PM

EXISTING SHADOWS 4:00PM

Architecture Urban Design Planning Interior Architecture



CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

CONCEPT PLAN ONLY: SUBJECT TO DETAIL DESIGN

Drawing ADDITIONAL BEACH SHADOW Prepared for ROYAL FAR WEST DATE **MAY 2012 STUDIES**

Scale 1:1000

architectus™

IMPACT ON MANLY BEACH FROM 3:00PM -5:00 PM

Architecture Urban Design Planning Interior Architecture

EXISTING SHADOWS 4:30PM



CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

architectus™

IMPACT ON MANLY BEACH FROM 3:00PM -5:00 PM

EXISTING SHADOWS 5:00PM

Architecture Urban Design Planning Interior Architecture



CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

Prepared for ROYAL FAR WEST

CONCEPT PLAN ONLY: SUBJECT TO DETAIL DESIGN

Issue

architectus™

IMPACT ON MANLY BEACH FROM 3:00PM -5:00 PM

EXISTING SHADOWS 5:30PM

Architecture Urban Design Planning Interior Architecture



CONCEPT PLAN -PROPOSED MIXED USE DEVELOPMENT. MANLY, NSW

DATE **MAY 2012**

CONCEPT PLAN ONLY: SUBJECT TO DETAIL DESIGN

Drawing ADDITIONAL BEACH SHADOW Prepared for ROYAL FAR WEST **STUDIES**

Scale

Drawing no