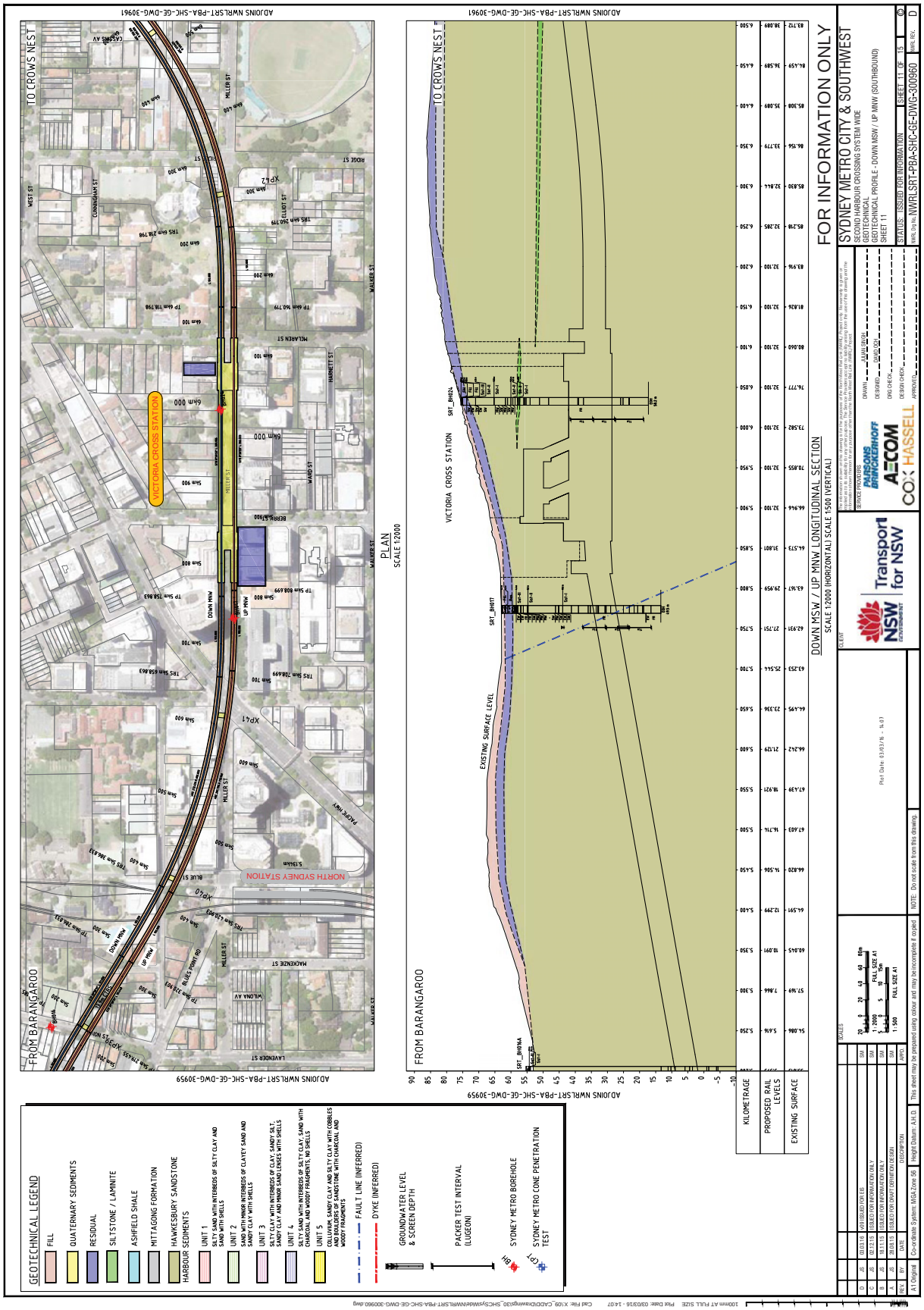
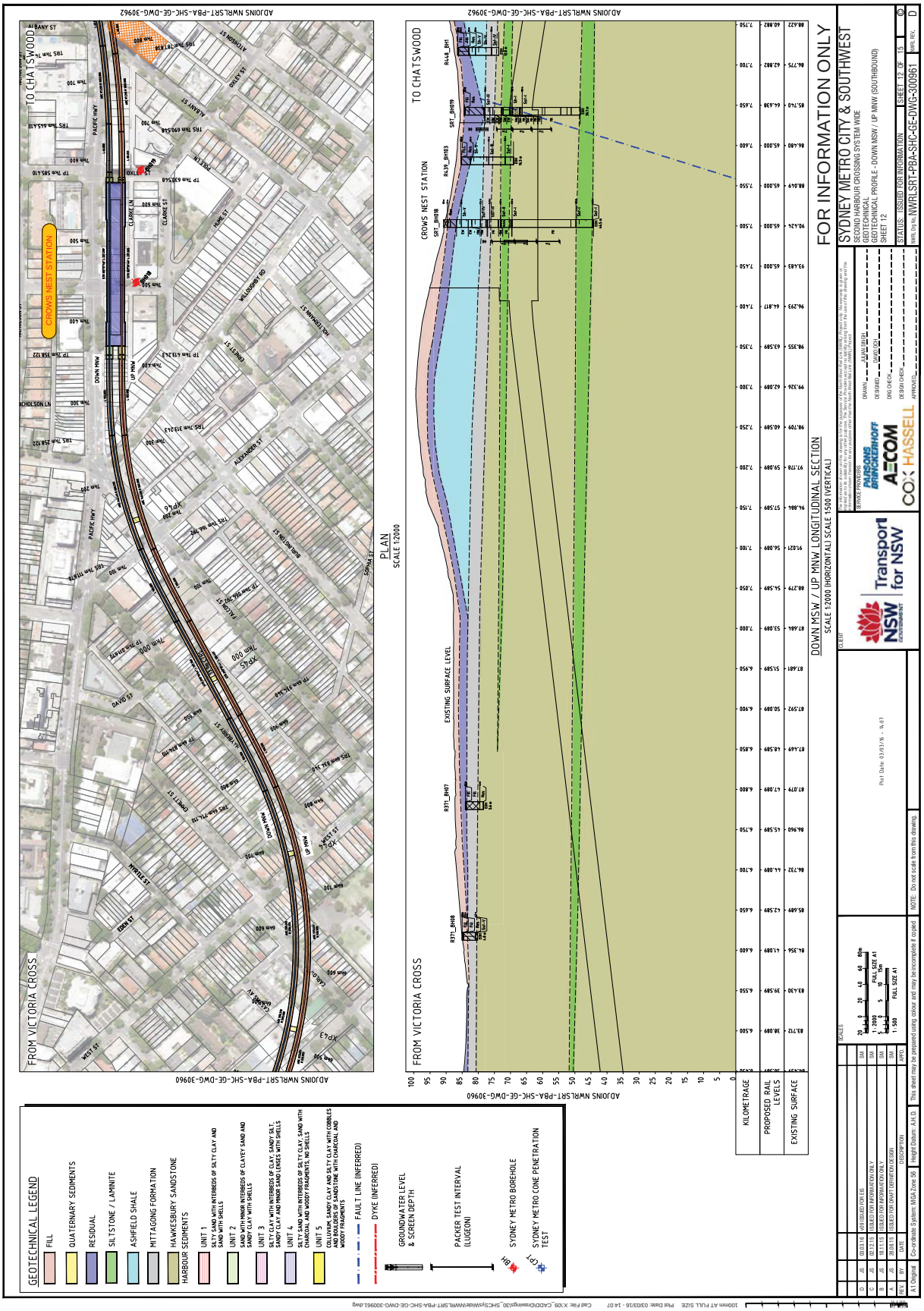

GEOTECHNICAL LEGEND
FILL
QUATERNARY SEDIMENTS
RESIDUAL
SILTSTONE / LAMINITE
ASHFIELD SHALE
MITTAGONG FORMATION
HAWKESBURY SANDSTONE
HARBOUR SEDIMENTS
UNIT 1
SILTY SAND WITH INTERBEDS OF SILTY CLAY AND SAND WITH SHELLS
UNIT 2
SAND WITH MINOR INTERBEDS OF CLAYEY SAND AND SANDY CLAY WITH SHELLS
UNIT 3
SILTY CLAY WITH INTERBEDS OF CLAY, SANDY SILT, SANDY CLAY AND MINOR SAND LENSES WITH SHELLS
UNIT 4
SILTY SAND WITH INTERBEDS OF SILTY CLAY, SAND WITH CHARCOAL AND WOODY FRAGMENTS, NO SHELLS
UNIT 5
COLLUVIUM, SANDY CLAY AND SILTY CLAY WITH COBBLES AND BOULDERS OF SANDSTONE WITH CHARCOAL AND WOODY FRAGMENTS
FAULT LINE (INFERRED)
DYKE (INFERRED)
GROUNDWATER LEVEL & SCREEN DEPTH
PACKER TEST INTERVAL (LUGEON)
SYDNEY METRO BOREHOLE
SYDNEY METRO CONE PENETRATION TEST
ADJOINS NWRLSRT-PBA-SHC-GE-DWG-30959
FROM BARANGAROO
TO CROWS NEST
VICTORIA CROSS STATION
NORTH SYDNEY STATION
PLAN
SCALE 1:2000
ADJOINS NWRLSRT-PBA-SHC-GE-DWG-30961
FROM BARANGAROO
TO CROWS NEST
VICTORIA CROSS STATION
EXISTING SURFACE LEVEL
KILOMETRAGE
PROPOSED RAIL LEVELS
EXISTING SURFACE
DOWN MSW / UP MNW LONGITUDINAL SECTION
SCALE 1:2000 (HORIZONTAL) SCALE 1:500 (VERTICAL)
FOR INFORMATION ONLY
SYDNEY METRO CITY & SOUTHWEST
SECOND HARBOUR CROSSING SYSTEM WIDE
GEOTECHNICAL PROFILE - DOWN MSW / UP MNW (SOUTHBOUND)
SHEET 11
STATUS: ISSUED FOR INFORMATION
SHEET 11 OF 15
NWRL Dg No. NWRLSRT-PBA-SHC-GE-DWG-300960
REV. D
SERVICE PROVIDERS
PARSONS BRINCKERHOFF
AECOM
COX HASSELL
CLIENT
NSW GOVERNMENT
Transport for NSW
Plot Date 03/03/16 - 14:07
SCALES
1:2000
1:500
FULL SIZE A1
NOTE: Do not scale from this drawing
This sheet may be prepared using colour and may be incomplete if copied
Height Datum: AHD
Co-ordinate System: MGA Zone 56
A1 Original
100mm AT FULL SIZE
Plot Date: 03/03/16 - 14:07
Cad File: X:\09_CADD\Drawings\30_SHC\Sydwide\NWRLSRT-PBA-SHC-GE-DWG-300960.dwg


GEOTECHNICAL LEGEND
FILL
QUATERNARY SEDIMENTS
RESIDUAL
SILTSTONE / LAMINITE
ASHFIELD SHALE
MITTAGONG FORMATION
HAWKESBURY SANDSTONE
HARBOUR SEDIMENTS
UNIT 1
SILTY SAND WITH INTERBEDS OF SILTY CLAY AND SANDY CLAY WITH SHELLS
UNIT 2
SAND WITH MINOR INTERBEDS OF CLAYEY SAND AND SANDY CLAY WITH SHELLS
UNIT 3
SILTY CLAY WITH INTERBEDS OF CLAY, SANDY SILT, SANDY CLAY AND MINOR SAND LENSES WITH SHELLS
UNIT 4
SILTY SAND WITH INTERBEDS OF SILTY CLAY, SAND WITH CHARCOAL AND WOODY FRAGMENTS, NO SHELLS
UNIT 5
COLLUVIUM, SANDY CLAY AND SILTY CLAY WITH COBBLES AND BOULDERS OF SANDSTONE WITH CHARCOAL AND WOODY FRAGMENTS
FAULT LINE (INFERRED)
DYKE (INFERRED)
GROUNDWATER LEVEL & SCREEN DEPTH
PACKER TEST INTERVAL (LUGEON)
SYDNEY METRO BOREHOLE
SYDNEY METRO CONE PENETRATION TEST
FROM VICTORIA CROSS
TO CHATSWOOD
CROWS NEST STATION
PLAN
SCALE 1:2000
ADJOINS NWRLSRT-PBA-SHC-GE-DWG-30960
FROM VICTORIA CROSS
TO CHATSWOOD
CROWS NEST STATION
EXISTING SURFACE LEVEL
KILOMETRAGE
PROPOSED RAIL LEVELS
EXISTING SURFACE
DOWN MSW / UP MNW LONGITUDINAL SECTION
SCALE 1:2000 (HORIZONTAL) SCALE 1:500 (VERTICAL)
FOR INFORMATION ONLY
SYDNEY METRO CITY & SOUTHWEST
SECOND HARBOUR CROSSING SYSTEM WIDE
GEOTECHNICAL
GEOTECHNICAL PROFILE - DOWN MSW / UP MNW (SOUTHBOUND)
SHEET 12
STATUS: ISSUED FOR INFORMATION
SHEET 12 OF 15
NWRL SRT-PBA-SHC-GE-DWG-300961
D
Transport for NSW
NSW GOVERNMENT
PARSONS BRINCKERHOFF
AECOM
COX HASSELL
Plot Date: 03/03/16 - 14:07
100mm AT FULL SIZE
A1 Original
Co-ordinate System: MGA Zone 56
Height Datum: AHD
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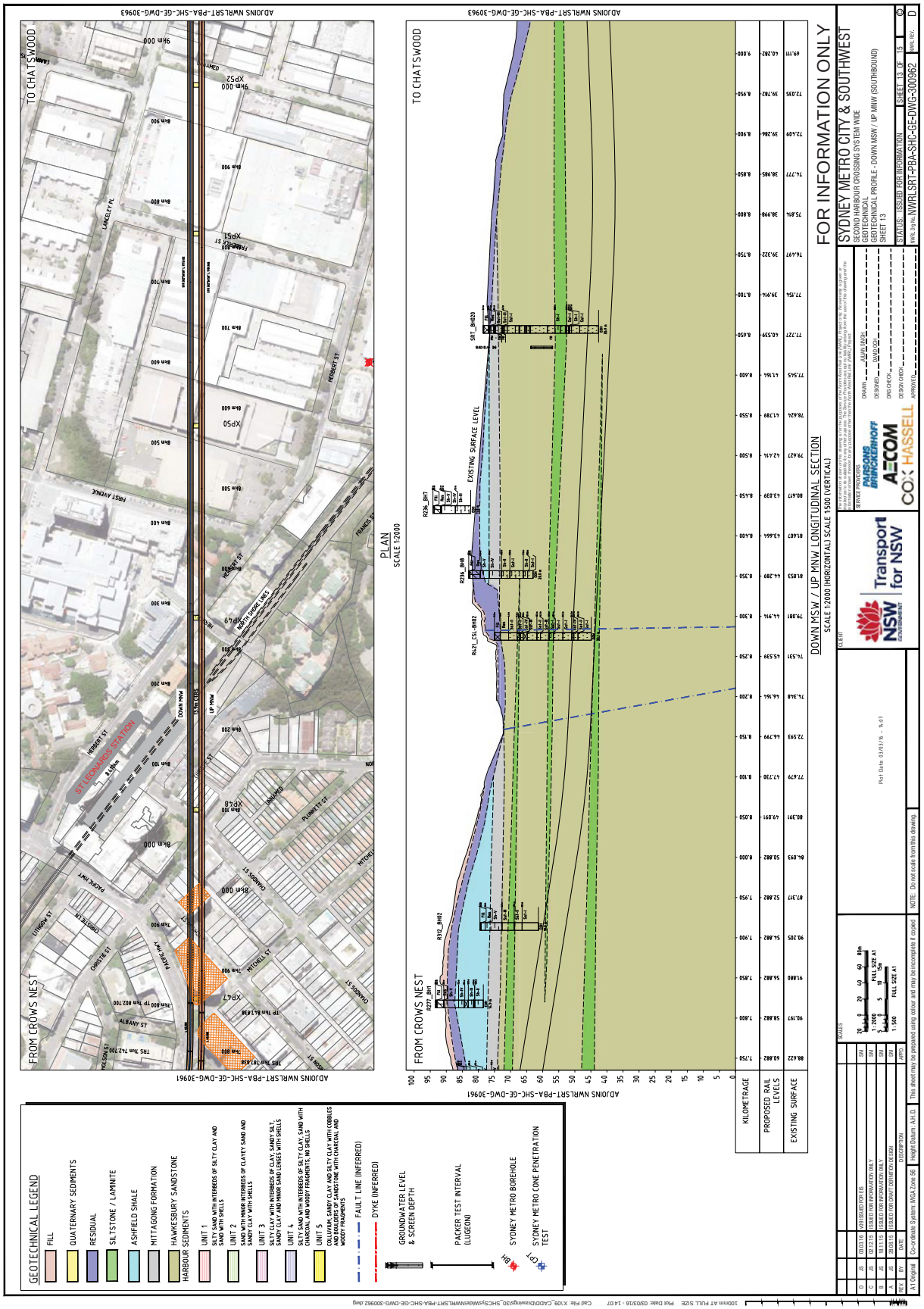
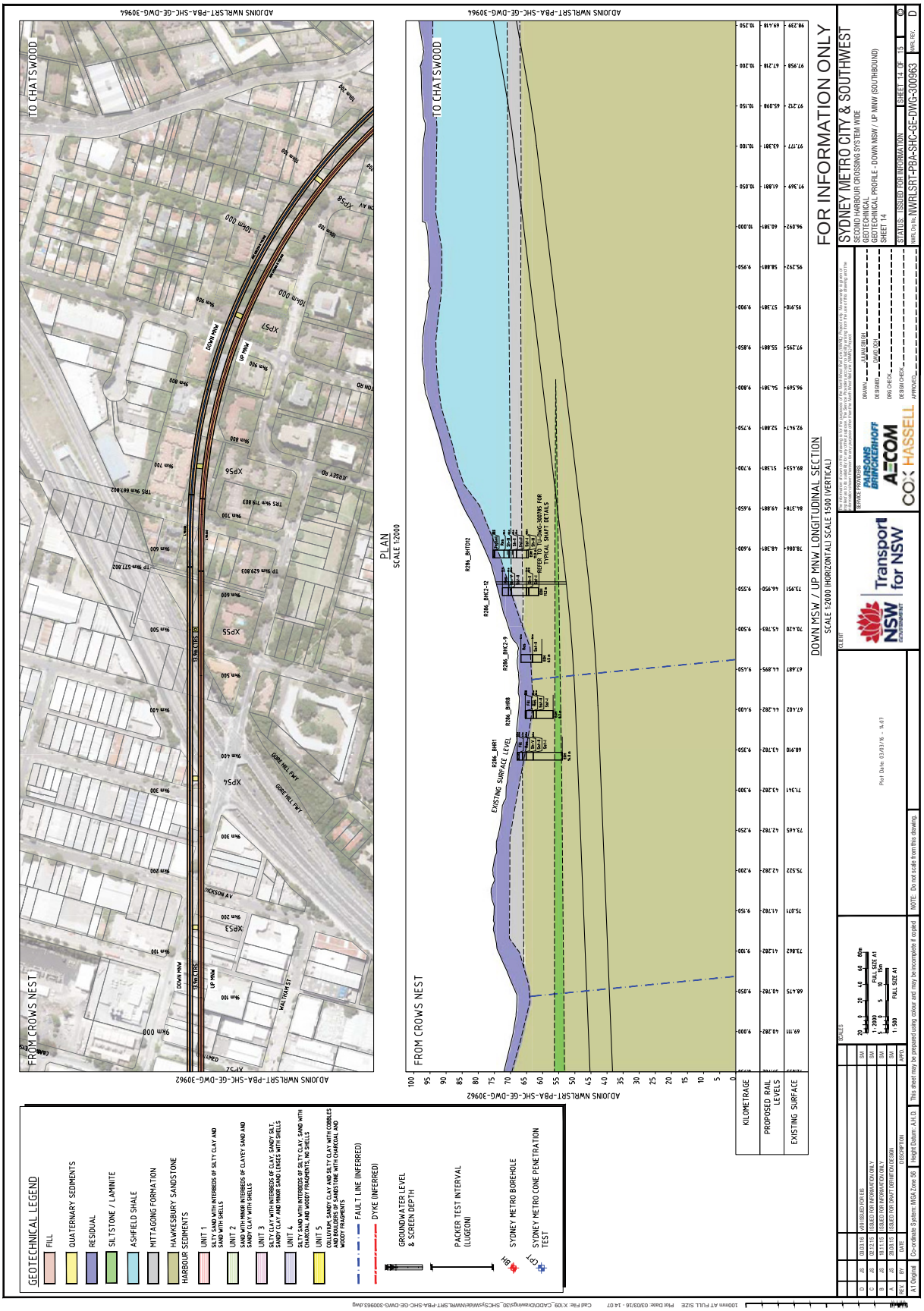
NOTE: Do not scale from this drawing


ADJOINS NWRLSRT-PBA-SHC-GE-DWG-30963
TO CHATSWOOD
FROM CROWS NEST
ST LEONARDS STATION
HERBERT ST
DOWN MNW
UP MNW
PLAN
SCALE 1:2000
EXISTING SURFACE LEVEL
DOWN MSW / UP MNW LONGITUDINAL SECTION
SCALE 1:2000 (HORIZONTAL) SCALE 1:500 (VERTICAL)
KILOMETRAGE
PROPOSED RAIL LEVELS
EXISTING SURFACE
GEOTECHNICAL LEGEND
FILL
QUATERNARY SEDIMENTS
RESIDUAL
SILTSTONE / LAMINITE
ASHFIELD SHALE
MITTAGONG FORMATION
HAWKESBURY SANDSTONE
HARBOUR SEDIMENTS
UNIT 1
SILTY SAND WITH INTERBEDS OF SILTY CLAY AND SAND WITH SHELLS
UNIT 2
SAND WITH MINOR INTERBEDS OF CLAYEY SAND AND SANDY CLAY WITH SHELLS
UNIT 3
SILTY CLAY WITH INTERBEDS OF CLAY, SANDY SILT, SANDY CLAY AND MINOR SAND LENSES WITH SHELLS
UNIT 4
SILTY SAND WITH INTERBEDS OF SILTY CLAY, SAND WITH CHARCOAL AND WOODY FRAGMENTS, NO SHELLS
UNIT 5
COLLUVIUM, SANDY CLAY AND SILTY CLAY WITH COBBLES AND BOULDERS OF SANDSTONE WITH CHARCOAL AND WOODY FRAGMENTS
FAULT LINE (INFERRED)
DYKE (INFERRED)
GROUNDWATER LEVEL & SCREEN DEPTH
PACKER TEST INTERVAL (LUGEON)
SYDNEY METRO BOREHOLE
SYDNEY METRO CONE PENETRATION TEST
FOR INFORMATION ONLY
SYDNEY METRO CITY & SOUTHWEST
SECOND HARBOUR CROSSING SYSTEM WIDE
GEOTECHNICAL PROFILE - DOWN MSW / UP MNW (SOUTHBOUND)
SHEET 13
STATUS: ISSUED FOR INFORMATION
SHEET 13 OF 15
WBS. Dg No. NWRLSRT-PBA-SHC-GE-DWG-300962
REV. D
Transport for NSW
AECOM
COX HASSELL
SCALES
1:2000
FULL SIZE A1
1:500
FULL SIZE A1
NOTE: Do not scale from this drawing
This sheet may be prepared using colour and may be incomplete if copied
Height Datum: AHD
Co-ordinate System: MGA Zone 56
100mm AT FULL SIZE
Plot Date: 03/03/16 - 14:07


GEOTECHNICAL LEGEND
FILL
QUATERNARY SEDIMENTS
RESIDUAL
SILTSTONE / LAMINITE
ASHFIELD SHALE
MITTAGONG FORMATION
HAWKESBURY SANDSTONE HARBOUR SEDIMENTS
UNIT 1 SILTY SAND WITH INTERBEDS OF SILTY CLAY AND SAND WITH SHELLS
UNIT 2 SAND WITH MINOR INTERBEDS OF CLAYEY SAND AND SANDY CLAY WITH SHELLS
UNIT 3 SILTY CLAY WITH INTERBEDS OF CLAY, SANDY SILT, SANDY CLAY AND MINOR SAND LENSES WITH SHELLS
UNIT 4 SILTY SAND WITH INTERBEDS OF SILTY CLAY, SAND WITH CHARCOAL AND WOODY FRAGMENTS, NO SHELLS
UNIT 5 COLLUVIUM, SANDY CLAY AND SILTY CLAY WITH COBBLES AND BOULDERS OF SANDSTONE WITH CHARCOAL AND WOODY FRAGMENTS
FAULT LINE (INFERRED)
DYKE (INFERRED)
GROUNDWATER LEVEL & SCREEN DEPTH
PACKER TEST INTERVAL (LUGEON)
SYDNEY METRO BOREHOLE
SYDNEY METRO CONE PENETRATION TEST
ADJOINS NWRLSRT-PBA-SHC-GE-DWG-30964
FROM CROWS NEST
TO CHATSWOOD
PLAN
SCALE 1:2000
DOWN MNW
UP MNW
GORE HILL FWY
WALTHAM ST
JACKSON AV
REDFERN ST
EXISTING SURFACE LEVEL
R286_BH101
R286_BH102
R286_BH103
R286_BH104
R286_BH105
R286_BH106
REFER TO DWG 300705 FOR TYPICAL SHAFT DETAILS
KILOMETRAGE
PROPOSED RAIL LEVELS
EXISTING SURFACE
DOWN MSW / UP MNW LONGITUDINAL SECTION
SCALE 1:2000 (HORIZONTAL) SCALE 1:500 (VERTICAL)
FOR INFORMATION ONLY
SYDNEY METRO CITY & SOUTHWEST
SECOND HARBOUR CROSSING SYSTEM WIDE
GEOTECHNICAL
GEOTECHNICAL PROFILE - DOWN MSW / UP MNW (SOUTHBOUND)
SHEET 14
STATUS: ISSUED FOR INFORMATION
SHEET 14 OF 15
NWRL SRT-PBA-SHC-GE-DWG-300963
D
A1 Original
Co-ordinate System: MGA Zone 56
Height Datum: AHD
This sheet may be produced using colour and may be incomplete if copied
NOTE: Do not scale from this drawing
Plot Date: 03/03/16 - 14:07