

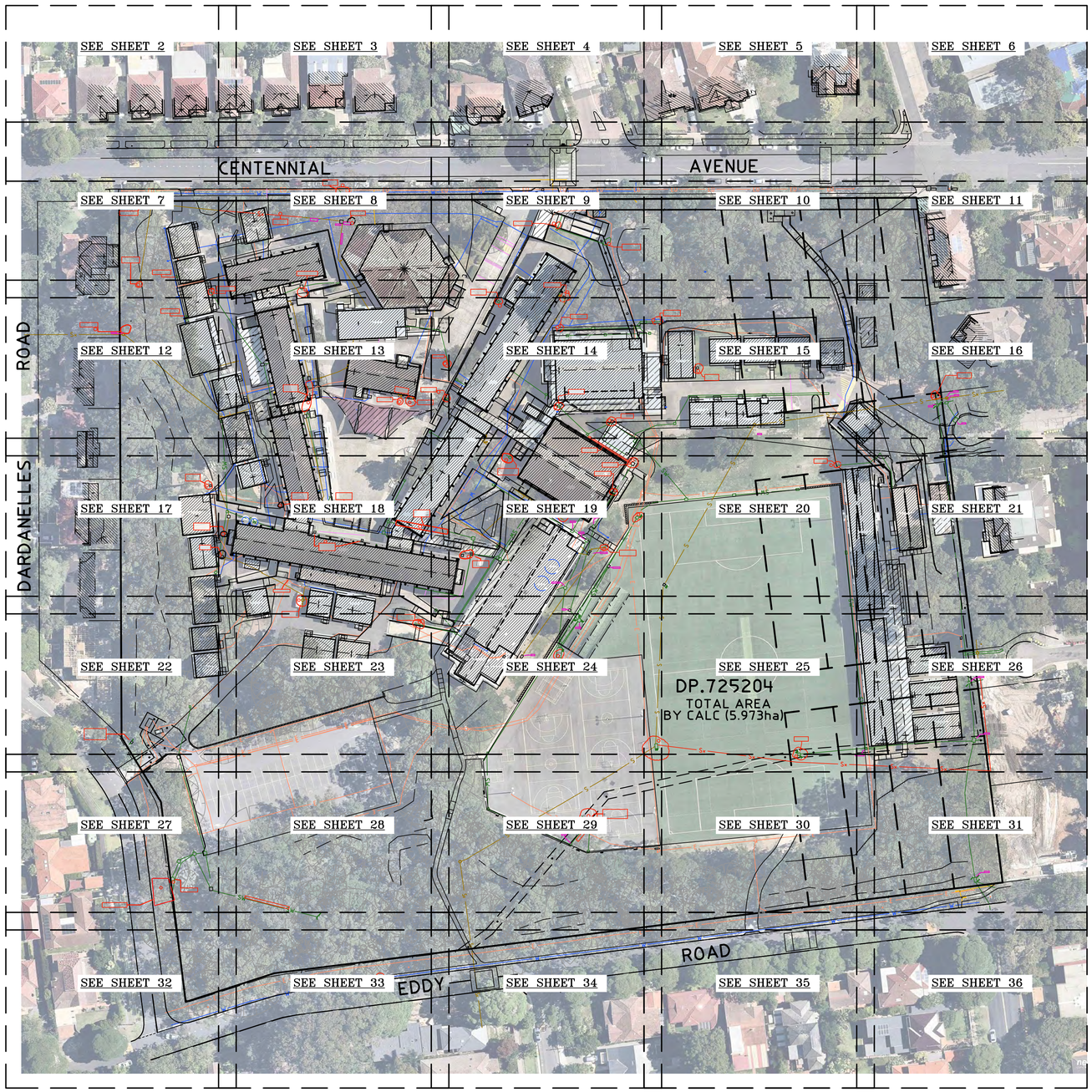
Upgrades to Chatswood Public School and Chatswood High School

Appendix 5 - Site Survey High School

SSD 9483
Prepared by CMS Surveyors
For School Infrastructure NSW, Department of Education

Artists impression of upgrades to Chatswood Public School

A1



MGA NORTH

FOR NOTES SEE SHEET 37
& FOR TREE TABLE SEE SHEET 37

0 10 20 30 40 50 60 70 80

SCALE 1:800

REVISION CLOUDS & NUMBERING REFERS TO SURVEYORS REPORT ON SERVICE PITS ACCOMPANIED BY THIS PAN. (1)

LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:

SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER CHATSWOOD HIGH SCHOOL
LOT 1 IN DP725204
24 CENTENNIAL AVENUE, CHATSWOOD NSW 2067

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY			SHEET 1 OF 37
SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR
SURVEY INSTRUCTION	SCALE	DATE OF SURVEY	
11915B	1:800 @ A1	12-25/01/18, 14-16/01/19	
DRAWING NAME			ISSUE
11915Bdetail			5
CAD FILE			
11915Bdetail 5.dwg			

A1

MGA NORTH

ADJOINS SHEET 3



FOR NOTES SEE SHEET 37
& FOR TREE TABLE SEE SHEET 37

0 1 2 3 4 5 6 7 8 9 10

SCALE 1:100

ADJOINS SHEET 7

LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:

SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER CHATSWOOD HIGH SCHOOL
LOT 1 IN DP725204
24 CENTENNIAL AVENUE, CHATSWOOD NSW 2067

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY | SHEET 2 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: 11915Bdetail
CAD FILE: 11915Bdetail 5.dwg
ISSUE: 5

A1

FOR NOTES SEE SHEET 37
& FOR TREE TABLE SEE SHEET 37

0 1 2 3 4 5 6 7 8 9 10

SCALE 1:100

MGA NORTH



LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:

SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN SHOWING DETAIL & LEVELS OVER CHATSWOOD HIGH SCHOOL LOT 1 IN DP725204 24 CENTENNIAL AVENUE, CHATSWOOD NSW 2067

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY | SHEET 3 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: 11915Bdetail
CAD FILE: 11915Bdetail 5.dwg
ISSUE: 5

A1

FOR NOTES SEE SHEET 37
& FOR TREE TABLE SEE SHEET 37

0 1 2 3 4 5 6 7 8 9 10

SCALE 1:100

MGA NORTH



LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:
SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER
CHATSWOOD HIGH SCHOOL
LOT 1 IN DP725204
24 CENTENNIAL AVENUE,
CHATSWOOD NSW 2067

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY | SHEET 4 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: 11915Bdetail
CAD FILE: 11915Bdetail 5.dwg
ISSUE: 5

A1

FOR NOTES SEE SHEET 37
& FOR TREE TABLE SEE SHEET 37

0 1 2 3 4 5 6 7 8 9 10

SCALE 1:100

MGA NORTH



LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:

CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:

DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:

SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER CHATSWOOD HIGH SCHOOL
LOT 1 IN DP725204
24 CENTENNIAL AVENUE, CHATSWOOD NSW 2067

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY | SHEET 5 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: 11915Bdetail
CAD FILE: 11915Bdetail 5.dwg
ISSUE: 5

A1

MGA NORTH

ADJOINS SHEET 5



FOR NOTES SEE SHEET 37
& FOR TREE TABLE SEE SHEET 37

0 1 2 3 4 5 6 7 8 9 10

SCALE 1:100

LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT - END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:

SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER CHATSWOOD HIGH SCHOOL
LOT 1 IN DP725204
24 CENTENNIAL AVENUE, CHATSWOOD NSW 2067

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY | SHEET 6 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: **11915Bdetail** | ISSUE: **5**

CAD FILE: 11915Bdetail 5.dwg

A1

MGA NORTH

ADJOINS SHEET 2

CENTENNIAL AVENUE

DARDANELLES ROAD

A
DP.105454

I
DP.725204

E. 330957.85
N. 6258644.86
BENCH MARK
NAIL IN CONCRETE
METAL RL 85.51

89° 44' 55"
249.2

359° 44' 55"
167.64

NO.60
1 & 2 STOREY
BRICK HOUSE
TILE ROOF

BRICK GARAGE
TILE ROOF

SEWER PIT FOUND
CANNOT FIT CAMERA
THROUGH EXPOSED ENTRY

END OF SEWER TRACE
FLEXI ROD SNAGS IN PIPE
DUE TO CAMERA/FLEXI ROD
SNAGGING IN PIPE

SHALLOW STORMWATER GRATE
100ø PVC DIRECT OUTLET
TO GARDEN

END OF STORMWATER TRACE
UNABLE TO LOCATE
CONNECTIONS

DEMOUNTABLE BUILDING
METAL ROOF

GARDEN

CONCRETE

BITUMEN

PATH

METAL FENCE

VEHICLE CROSSING

KERB & GUTTER

CONCRETE DRIVEWAY

LAWN

STEPS

SHED

RAMP

PALING FENCE

FOR NOTES SEE SHEET 37
& FOR TREE TABLE SEE SHEET 37

0 1 2 3 4 5 6 7 8 9 10
SCALE 1:100

ADJOINS SHEET 12

ADJOINS SHEET 60

LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:
SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER CHATSWOOD HIGH SCHOOL
LOT 1 IN DP725204
24 CENTENNIAL AVENUE, CHATSWOOD NSW 2067

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY | SHEET 7 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: 11915Bdetail
CAD FILE: 11915Bdetail 5.dwg
ISSUE: 5

A1

ADJOINS SHEET 3

0 1 2 3 4 5 6 7 8 9 10

SCALE 1:100

FOR NOTES SEE SHEET 37
& FOR TREE TABLE SEE SHEET 37

ADJOINS SHEET 7

ADJOINS SHEET 9

ADJOINS SHEET 13

CENTENNIAL AVENUE

WAY

MGA NORTH

STORMWATER OUTLET POSSIBLY COLLAPSED INTERNALLY UNABLE TO TRACE

89° 44' 55"
249.2

SEWER PIPELINE POSSIBLE CONNECTION UNABLE TO CONFIRM BY METHODS OF TRACE

SEWER PIPELINE END OF TRACE CAMERA SNAGS IN PIPE

DP 725204

END OF STORMWATER TRACE POSSIBLE VERTICAL DROP IN STAIRS, CONNECTION UNKNOWN

END OF STORMWATER TRACE UNABLE TO LOCATE CONNECTIONS

DEMOUNTABLE BUILDING METAL ROOF

2 STOREY BRICK BUILDING TILE ROOF

BRICK BUILDING METAL ROOF

GARDEN

CONCRETE

LAWN

KERB

GUTTER

PATH

FENCE

METAL

BITUMEN

BRICK

WALL

STEPS

LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:

CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:

DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:

SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER CHATSWOOD HIGH SCHOOL LOT 1 IN DP725204 24 CENTENNIAL AVENUE, CHATSWOOD NSW 2067

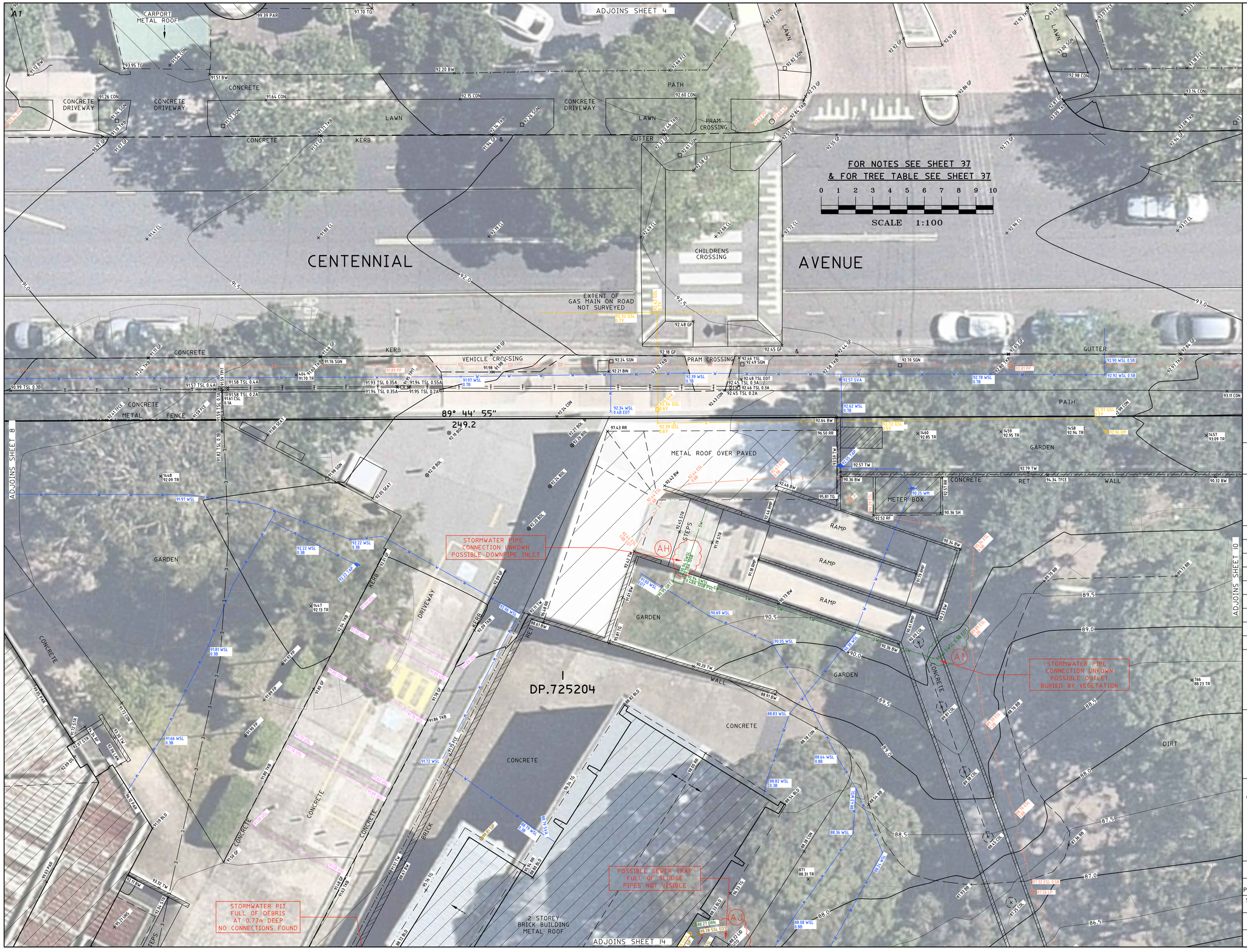
C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY | SHEET 8 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: 11915Bdetail
ISSUE: 5
CAD FILE: 11915Bdetail 5.dwg



LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:
SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER CHATSWOOD HIGH SCHOOL LOT 1 IN DP725204 24 CENTENNIAL AVENUE, CHATSWOOD NSW 2067

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY | SHEET 9 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: 11915Bdetail
CAD FILE: 11915Bdetail 5.dwg
ISSUE: 5

A1

ADJOINS SHEET 5

FOR NOTES SEE SHEET 37
& FOR TREE TABLE SEE SHEET 37

0 1 2 3 4 5 6 7 8 9 10
SCALE 1:100

CENTENNIAL AVENUE

DP.725204

89° 44' 55"
249.2

ADJOINS SHEET 9

ADJOINS SHEET 11

ADJOINS SHEET 15

LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

MGA NORTH

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:
SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER CHATSWOOD HIGH SCHOOL
LOT 1 IN DP725204
24 CENTENNIAL AVENUE, CHATSWOOD NSW 2067

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY | SHEET 10 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: 11915Bdetail
CAD FILE: 11915Bdetail 5.dwg
ISSUE: 5

A1

ADJOINS SHEET 6

ADJOINS SHEET 10

ADJOINS SHEET 16

CENTENNIAL AVENUE

CONCRETE

PATH

LAWN

GUTTER

KERB

VEHICLE CROSSING

GUTTER

CONCRETE

PATH

FENCE

89° 44' 55"

249.2

GARDEN

REND GARAGE
METAL ROOF

CONCRETE

RET WALL

METAL

BALCONIES

16
DP.16534

NO.22
4 STOREY
BRICK BUILDING
TILE ROOF
'THE CARRINGTON HOTEL'

GARDEN

172° 49' 15"

215.705

FENCE

METAL

FENCE

CLAD SHED
METAL ROOF

MGA NORTH

FOR NOTES SEE SHEET 37
& FOR TREE TABLE SEE SHEET 37

0 1 2 3 4 5 6 7 8 9 10

SCALE 1:100

LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:

SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER CHATSWOOD HIGH SCHOOL
LOT 1 IN DP725204
24 CENTENNIAL AVENUE, CHATSWOOD NSW 2067

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

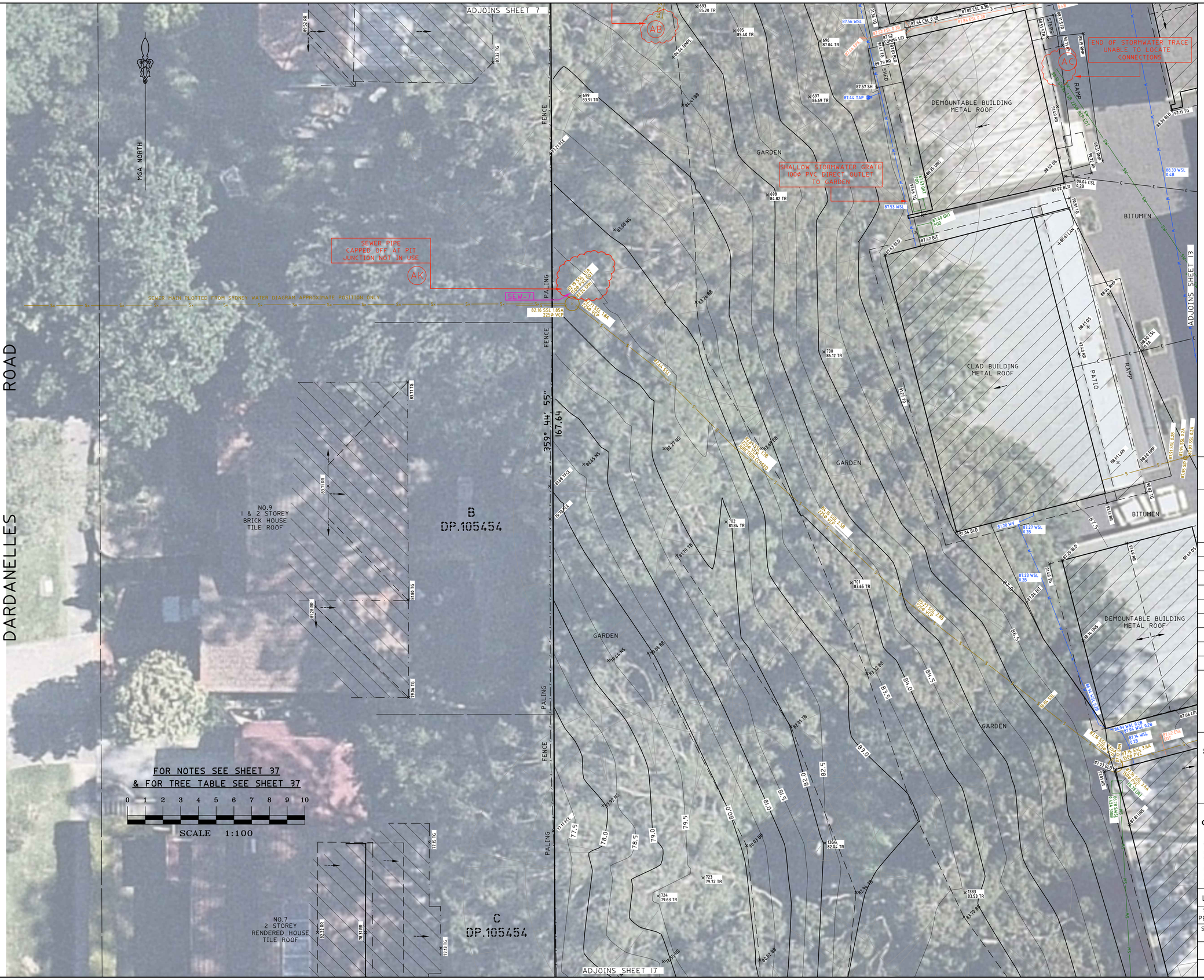
LGA: WILLOUGHBY | SHEET 11 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: 11915Bdetail
ISSUE: 5
CAD FILE: 11915Bdetail 5.dwg

A1



LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:
SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER CHATSWOOD HIGH SCHOOL LOT 1 IN DP725204 24 CENTENNIAL AVENUE, CHATSWOOD NSW 2067

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY | SHEET 12 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: 11915Bdetail
CAD FILE: 11915Bdetail 5.dwg
ISSUE: 5

A1

ADJOINS SHEET 8

ADJOINS SHEET 12

ADJOINS SHEET 14

ADJOINS SHEET 18

DP.725204

DP.725204

2 STOREY BRICK BUILDING TILE ROOF

2 STOREY BRICK BUILDING TILE ROOF

BRICK BUILDING METAL ROOF

METAL CLAD BUILDING METAL ROOF

BRICK BUILDING TILE ROOF

2 STOREY BRICK BUILDING TILE ROOF

METAL ROOF OVER BITUMEN

METAL ROOF OVER CONCRETE

DEMOUNTABLE BUILDING METAL ROOF

DEMOUNTABLE BUILDING METAL ROOF

PLASTIC ROOF

SHADE SAILS OVER CONCRETE

BITUMEN

CONCRETE

PATIO

RAMP

GARDEN

STEPS

PATH

WALL

RET

BRICK

MGA NORTH

STORMWATER PIT SHOWS NO OUTLET

STORMWATER PIT FULL OF DEBRIS NO CONNECTIONS FOUND

SERVICE LID CONTAINS WATER & OLD CABLES POSSIBLY REDUNDANT

SEWER PIPE CONNECTION CONFIRMED BY SONIC TESTING POSITION OF BEND IN PIPE UNKNOWN

SEWER PIPE PRODUCES NO SIGNAL UNABLE TO TRACE

GAS PIPE PRODUCES NO SIGNAL UNABLE TO TRACE

FOR NOTES SEE SHEET 37
& FOR TREE TABLE SEE SHEET 37

0 1 2 3 4 5 6 7 8 9 10

SCALE 1:100

LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:

CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:

DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:

SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN SHOWING DETAIL & LEVELS OVER CHATSWOOD HIGH SCHOOL LOT 1 IN DP725204 24 CENTENNIAL AVENUE, CHATSWOOD NSW 2067

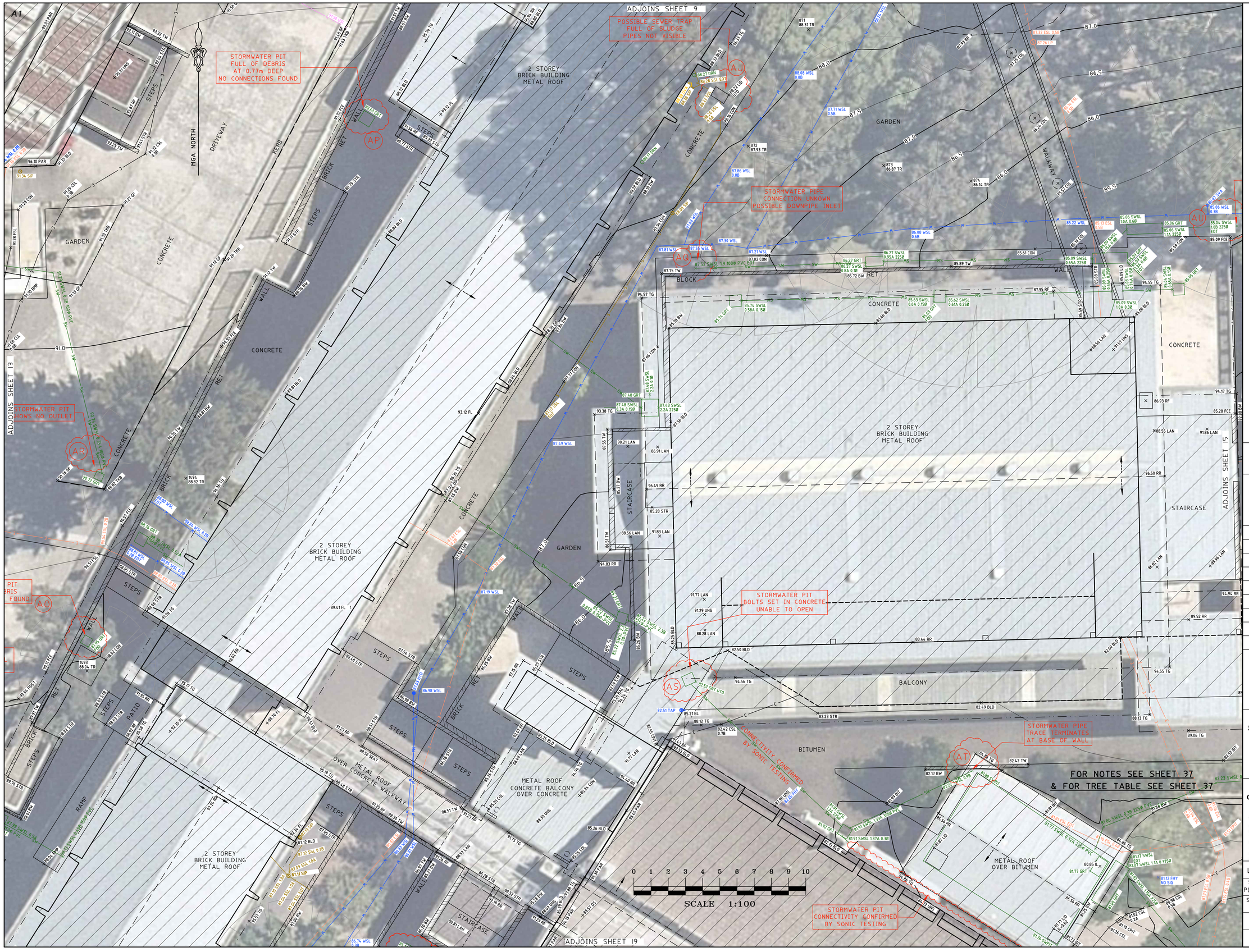
C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY | SHEET 13 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: 11915Bdetail
ISSUE: 5
CAD FILE: 11915Bdetail 5.dwg



LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:

CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:

DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:

SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER CHATSWOOD HIGH SCHOOL
LOT 1 IN DP725204
24 CENTENNIAL AVENUE, CHATSWOOD NSW 2067

FOR NOTES SEE SHEET 37
& FOR TREE TABLE SEE SHEET 37

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY | SHEET 14 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: 11915Bdetail
ISSUE: 5
CAD FILE: 11915Bdetail 5.dwg

A1

ADJOINS SHEET 10

ADJOINS SHEET 16

ADJOINS SHEET 14

ADJOINS SHEET 20

STORMWATER PIPE CONNECTION UNKNOWN POSSIBLE SHARP BEND NORTH

GREASE TRAP FULL OF SLUDGE VISIBLE INLET FROM BUILDING OUTLET NOT VISIBLE

1 DP.725204

20 SEC 8 DP.2273

19 SEC 8 DP.2273

18 SEC 8 DP.2273

DEMOUNTABLE BUILDING METAL ROOF

CLAD SHED METAL ROOF

METAL ROOF OVER CONCRETE

CONCRETE BLOCK WALL

BRICK WALL

DIRT

LAWN

BITUMEN

CONCRETE

STAIRCASE

STEPS

DISH

DRAIN

GUTTER

BITUMEN CARPARK

DRIVEWAY

SEW-1

0 1 2 3 4 5 6 7 8 9 10

SCALE 1:100

FOR NOTES SEE SHEET 37

& FOR TREE TABLE SEE SHEET 37

MGA NORTH

LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:
SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER
CHATSWOOD HIGH SCHOOL
LOT 1 IN DP725204
24 CENTENNIAL AVENUE,
CHATSWOOD NSW 2067

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY
SHEET 15 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: 11915Bdetail
CAD FILE: 11915Bdetail 5.dwg
ISSUE: 5



LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:
SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER CHATSWOOD HIGH SCHOOL
LOT 1 IN DP725204
24 CENTENNIAL AVENUE, CHATSWOOD NSW 2067

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY | SHEET 16 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: 11915Bdetail
CAD FILE: 11915Bdetail 5.dwg
ISSUE: 5

A1



FOR NOTES SEE SHEET 37
& FOR TREE TABLE SEE SHEET 37

0 1 2 3 4 5 6 7 8 9 10

SCALE 1:100

LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:
SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER
CHATSWOOD HIGH SCHOOL
LOT 1 IN DP725204
24 CENTENNIAL AVENUE,
CHATSWOOD NSW 2067

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY | SHEET 17 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: 11915Bdetail
CAD FILE: 11915Bdetail 5.dwg
ISSUE: 5

A1

ADJOINS SHEET 13

FOR NOTES SEE SHEET 37
& FOR TREE TABLE SEE SHEET 37

0 1 2 3 4 5 6 7 8 9 10
SCALE 1:100

DP.725204

E. 331030.82
N. 6258547.57
BENCH MARK
NAIL IN CONCRETE
RL 88.245

FRAGILE UNKNOWN PIT POSSIBLY STORMWATER UNSAFE TO OPEN DUE TO DILAPIDATED CONCRETE LIDS

POSSIBLE STORMWATER PIT UNABLE TO OPEN DUE TO CONCRETE SURROUNDS

STORMWATER PIPELINE POSSIBLE CONNECTION SONIC TESTING PROVIDES MINOR CONFIRMATION

ELECTRICITY EXITING WALL METAL COVER OVER

PIT LIDS INSCRIBED WITH 'GAS' LIDS BEGIN TO CRACK UNABLE TO OPEN SAFELY

GREASE TRAP UNABLE TO TRACE

ADJOINS SHEET 17

ADJOINS SHEET 19

ADJOINS SHEET 23

LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:
SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER CHATSWOOD HIGH SCHOOL
LOT 1 IN DP725204
24 CENTENNIAL AVENUE, CHATSWOOD NSW 2067

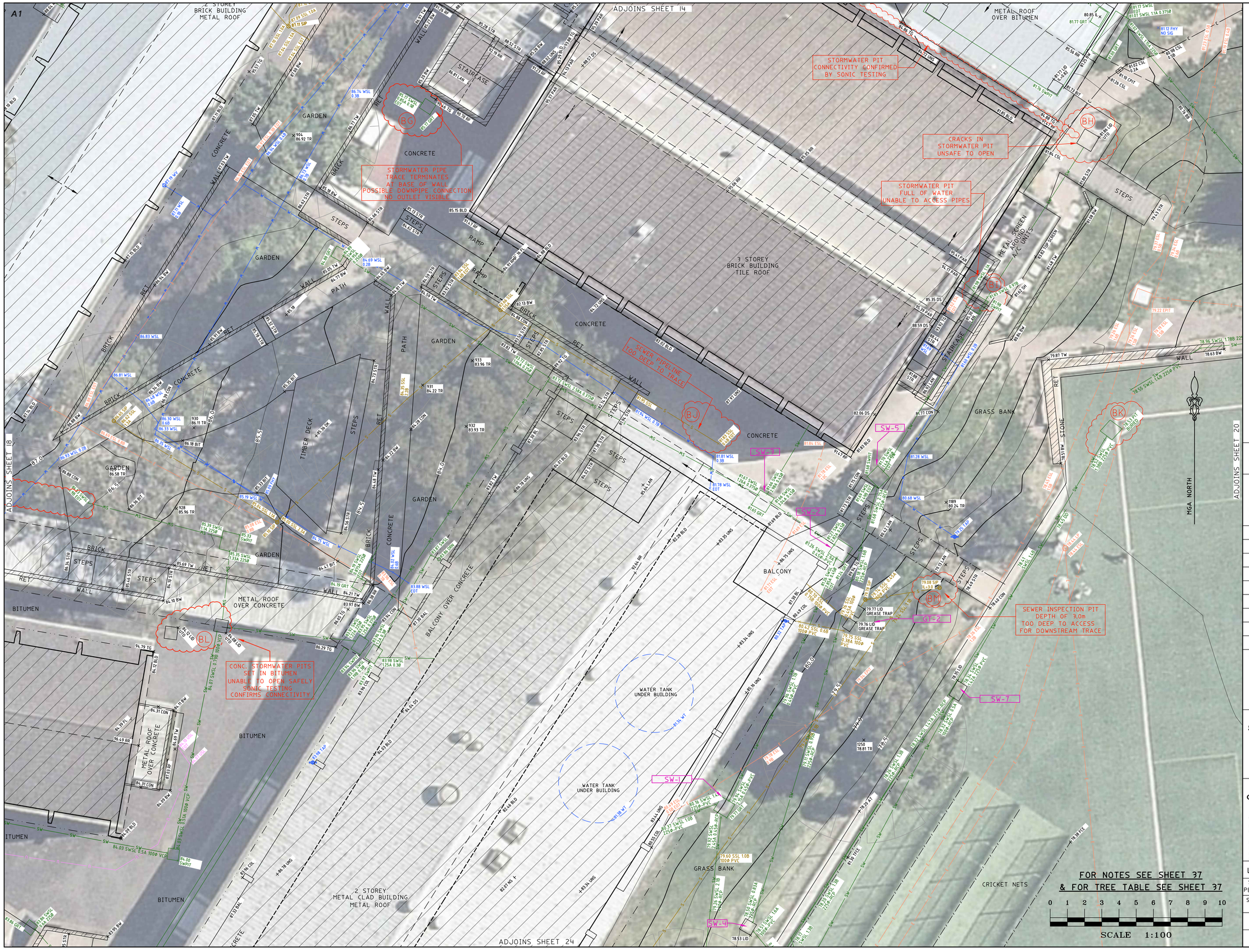
C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY | SHEET 18 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: 11915Bdetail
CAD FILE: 11915Bdetail 5.dwg
ISSUE: 5



LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:
SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER CHATSWOOD HIGH SCHOOL
LOT 1 IN DP725204
24 CENTENNIAL AVENUE, CHATSWOOD NSW 2067

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY
SHEET 19 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: 11915Bdetail
ISSUE: 5
CAD FILE: 11915Bdetail 5.dwg

ADJOINS SHEET 15

ADJOINS SHEET 19

ADJOINS SHEET 21

ADJOINS SHEET 25

GRASS BANK

GRASS BANK

ASTRO TURF PLAYING FIELD

DP.725204

MGA NORTH

STORMWATER PIPE TRACE TERMINATES CONNECTION UNKNOWN

STONE

WALL

WALL

RET

RET

DEMOUNTABLE BUILDING METAL ROOF

81.0

81.5

80.0

80.5

79.5

79.0

81.12 FHY NO SIG

80.98 CSL 0.5B

81.23 CSL 0.7B

81.70 CSL 0.7B

81.97 CSL 0.7B

83.48 BIT

83.41 EPIT

83.74 BW

83.74 TOP

83.74 TOP

83.74 TOP



LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM16561?

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:
SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN SHOWING DETAIL & LEVELS OVER CHATSWOOD HIGH SCHOOL LOT 1 IN DP725204 24 CENTENNIAL AVENUE, CHATSWOOD NSW 2067

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why
NSW 2099
2/99A South Creek Road,
Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY | SHEET 21 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: 11915Bdetail
CAD FILE: 11915Bdetail 5.dwg
ISSUE: 5

A1

ADJOINS SHEET 17

MGA NORTH

F
DP.105454

NO.1
HOUSE UNDER CONSTRUCTION
(RAW FRAME ONLY AT TIME OF SURVEY)

OVERGROWN VEGETATION

DEMOUNTABLE BUILDING
METAL ROOF

DEMOUNTABLE BUILDING
METAL ROOF

DEMOUNTABLE BUILDING
METAL ROOF

RAMP

DP.725204

359° 44' 55"
167.64

328° 28' 40"
23.76

DARDANELLES ROAD

REDUNDANT
STORMWATER PIT
INLET AND OUTLET
HAVE BEEN SEALED
WITH CONCRETE

ELECTRICITY KIOSK

ELECTRICITY KIOSK

DRIVEWAY

DRIVEWAY

BITUMEN

GARDEN

RET WALL
STONE

LAWN

CONCRETE KERB & GUTTER

E. 330961.31
N. 6258471.83
BENCH MARK
NAIL IN BITUMEN
RL 77.77

ADJOINS SHEET 27

ADJOINS SHEET 23

FOR NOTES SEE SHEET 37
& FOR TREE TABLE SEE SHEET 37

0 1 2 3 4 5 6 7 8 9 10
SCALE 1:100

LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:
SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER CHATSWOOD HIGH SCHOOL
LOT 1 IN DP725204
24 CENTENNIAL AVENUE, CHATSWOOD NSW 2067

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY | SHEET 22 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: 11915Bdetail
ISSUE: 5
CAD FILE: 11915Bdetail 5.dwg

A1

DEMOUNTABLE BUILDING METAL ROOF

DEMOUNTABLE BUILDING METAL ROOF

ADJOINS SHEET 18

BITUMEN

GREASE TRAP UNABLE TO TRACE DUE TO PIPES SUBMERGED IN SLUDGE

MGA NORTH

DEMOUNTABLE BUILDING METAL ROOF

BITUMEN

BRICK

CONCRETE BANK

RET

STEPS

WALL

CONCRETE

GARDEN

UNABLE TO TRACE STORMWATER PIPE DUE TO CAMERA/FLEXI ROD SNAGGING IN PIPE

CONCRETE

WALL

GARDEN

BITUMEN

CONCRETE

RAMP

DEMOUNTABLE BUILDING METAL ROOF

DEMOUNTABLE BUILDING METAL ROOF

GARDEN

GARDEN

GARDEN

DRIVEWAY

RAMP

BITUMEN

I
DP.725204

ADJOINS SHEET 22

GARDEN

GARDEN

GARDEN

GARDEN

GARDEN

WALL

GARDEN

GARDEN

CONCRETE

ADJOINS SHEET 24

GARDEN

RET

STONE

BITUMEN CARPARK

BITUMEN CARPARK

GARDEN

FOR NOTES SEE SHEET 37
& FOR TREE TABLE SEE SHEET 37

0 1 2 3 4 5 6 7 8 9 10

SCALE 1:100

ADJOINS SHEET 28

LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:

SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN SHOWING DETAIL & LEVELS OVER CHATSWOOD HIGH SCHOOL LOT 1 IN DP725204 24 CENTENNIAL AVENUE, CHATSWOOD NSW 2067

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY | SHEET 23 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: 11915Bdetail
CAD FILE: 11915Bdetail 5.dwg
ISSUE: 5

A1



FOR NOTES SEE SHEET 37
& FOR TREE TABLE SEE SHEET 37

0 1 2 3 4 5 6 7 8 9 10

SCALE 1:100

LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:
SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER
CHATSWOOD HIGH SCHOOL
LOT 1 IN DP725204
24 CENTENNIAL AVENUE,
CHATSWOOD NSW 2067

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY | SHEET 24 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: **11915Bdetail** | ISSUE: **5**
CAD FILE: 11915Bdetail 5.dwg

A1

ADJOINS SHEET 20

ADJOINS SHEET 24

ADJOINS SHEET 26

ADJOINS SHEET 30

MGA NORTH

21
SEC 7
DP.2273

20
SEC 7
DP.2273

1
DP.725204

TOTAL AREA
BY CALC (5.973ha)

ASTRO TURF PLAYING FIELD

185

78.33 AT

78.62 AT

78.63 AT

78.41 AT

78.28 AT

78.65 AT

78.88 SSL 7.46A
225Ø VCP

78.06 SSL 7.46A
225Ø VCP

78.07 PIT
BURIED

78.14 SSL 7.56A
225Ø VCP

SEWER MAIN PLOTTED FROM SYDNEY WATER DIAGRAM APPROXIMATE POSITION ONLY

BURIED
STORMWATER PIT
REVIEW CCTV FOOTAGE

78.13 PIT
BURIED

78.42 SWSL 4.5Y
0.9Ø-RCP

78.41 PIT
BURIED

78.49 SWSL 4.5Y
0.9Ø-RCP

78.36 SWSL
4.57A 0.9Ø-RCP

78.66 SWSL
4.55A 0.9Ø-RCP

73.92 IL
78.49 GRT

78.50 SWSL 1.12A
0.15Ø-PVC

SW-15

78.88 BLD

78.84 BLD

73.63 BLD

73.24 BLD

78.75 UNS

FOR NOTES SEE SHEET 37
& FOR TREE TABLE SEE SHEET 37

0 1 2 3 4 5 6 7 8 9 10
SCALE 1:100

LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:
SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER
CHATSWOOD HIGH SCHOOL
LOT 1 IN DP725204
24 CENTENNIAL AVENUE,
CHATSWOOD NSW 2067

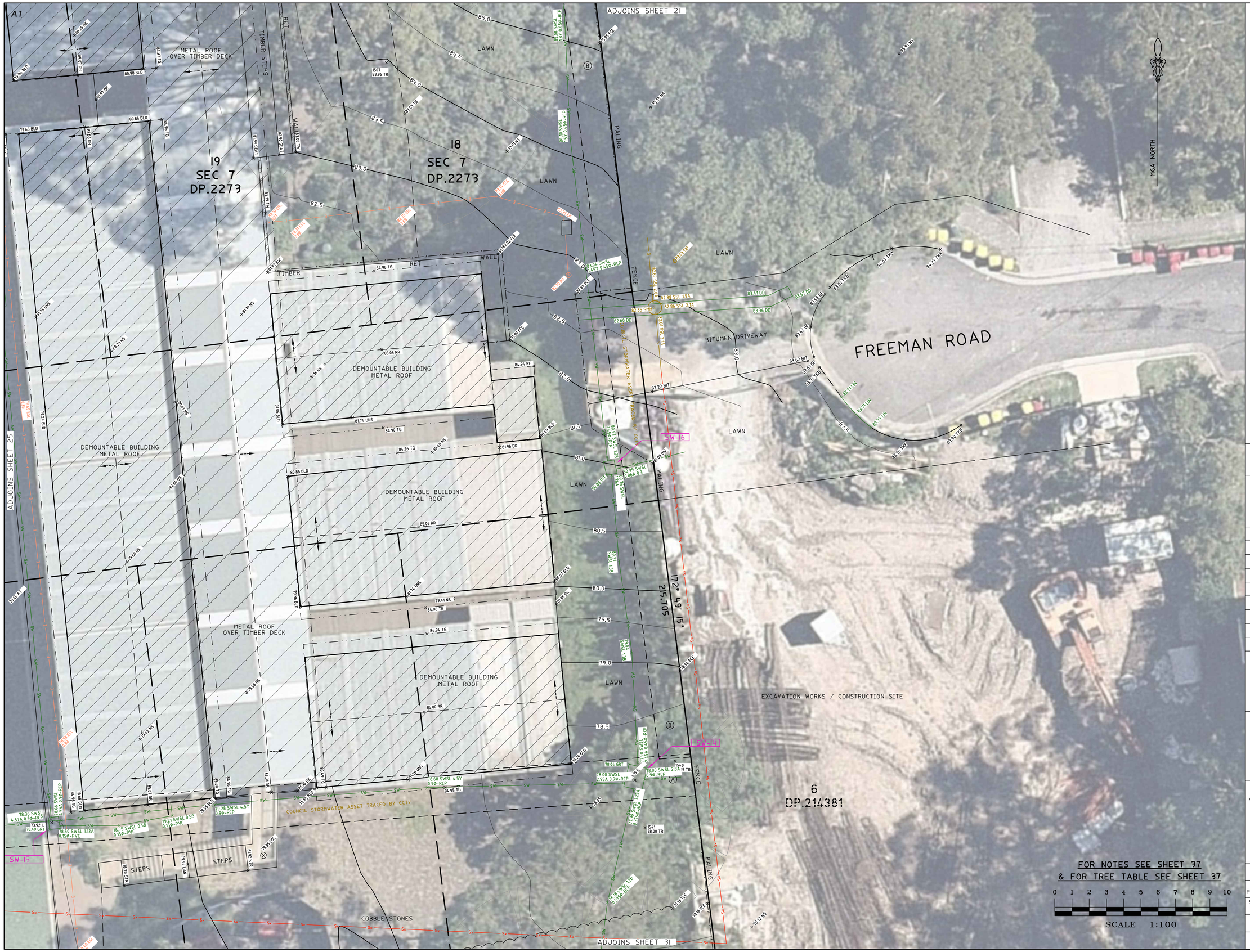
C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY | SHEET 25 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: **11915Bdetail** | ISSUE: **5**
CAD FILE: 11915Bdetail 5.dwg



FOR NOTES SEE SHEET 37
& FOR TREE TABLE SEE SHEET 37

0 1 2 3 4 5 6 7 8 9 10

SCALE 1:100

LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:

SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER CHATSWOOD HIGH SCHOOL
LOT 1 IN DP725204
24 CENTENNIAL AVENUE, CHATSWOOD NSW 2067

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY | SHEET 26 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: 11915Bdetail
CAD FILE: 11915Bdetail 5.dwg
ISSUE: 5

A1

MGA NORTH

ADJOINS SHEET 22

ADJOINS SHEET 28

ADJOINS SHEET 32

DE VILLIERS AVENUE

DP.725204

328° 28' 40" 12.56

352° 56' 40" 67.01

VEHICLE CROSSING

BITUMEN

GUTTER

KERB

CONCRETE

METAL FENCE

VEGETATED BANK

GARDEN

STORMWATER PIT FULL OF WATER

NO VISIBLE STORMWATER OUTLETS IN THIS AREA

FOR NOTES SEE SHEET 37
& FOR TREE TABLE SEE SHEET 37

0 1 2 3 4 5 6 7 8 9 10

SCALE 1:100

LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:

CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:

DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:

SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER CHATSWOOD HIGH SCHOOL
LOT 1 IN DP725204
24 CENTENNIAL AVENUE, CHATSWOOD NSW 2067

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY			SHEET 27 OF 37
SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR
SURVEY INSTRUCTION	SCALE	DATE OF SURVEY	
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19	
DRAWING NAME		ISSUE	
11915Bdetail		5	
CAD FILE			
11915Bdetail 5.dwg			

A1

FOR NOTES SEE SHEET 37
& FOR TREE TABLE SEE SHEET 37

0 1 2 3 4 5 6 7 8 9 10
SCALE 1:100

MGA NORTH

DP.725204

ADJOINS SHEET 23

ADJOINS SHEET 27

ADJOINS SHEET 29

ADJOINS SHEET 32

BITUMEN CARPARK

BITUMEN CARPARK

GARDEN

PATH

CONCRETE

CONCRETE

PATH

HEAVILY VEGETATED NATURAL BUSH (TREE PROTECTION ZONE)

HEAVILY VEGETATED NATURAL BUSH (TREE PROTECTION ZONE)

HEAVILY VEGETATED NATURAL BUSH (TREE PROTECTION ZONE)

CONNECTIVITY CONFIRMED BY SONIC TESTING

A 300Ø RCP

LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM16561?

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:
SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER CHATSWOOD HIGH SCHOOL
LOT 1 IN DP725204
24 CENTENNIAL AVENUE, CHATSWOOD NSW 2067

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY | SHEET 28 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: 11915Bdetail
CAD FILE: 11915Bdetail 5.dwg
ISSUE: 5

A1

ADJOINS SHEET 24

BITUMEN BASKETBALL COURTS

I
DP.725204

BITUMEN BASKETBALL COURTS

BURIED STORMWATER PIT
UNLINKED CONNECTIONS
ARE INDICATIVE
ONLY

FOR NOTES SEE SHEET 37
& FOR TREE TABLE SEE SHEET 37

0 1 2 3 4 5 6 7 8 9 10

SCALE 1:100

MGA NORTH

CCTV RECORDED

GARDEN

CONCRETE

PATH

STEPS

METAL

WIRE

FENCE

HEAVILY VEGETATED
NATURAL BUSH
(TREE PROTECTION ZONE)

ADJOINS SHEET 28
ADJOINS SHEET 30
ADJOINS SHEET 34

LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:

SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER CHATSWOOD HIGH SCHOOL
LOT 1 IN DP725204
24 CENTENNIAL AVENUE, CHATSWOOD NSW 2067

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY | SHEET 29 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: 11915Bdetail
ISSUE: 5
CAD FILE: 11915Bdetail 5.dwg

A1

ADJOINS SHEET 25

ADJOINS SHEET 29

ADJOINS SHEET 31

ADJOINS SHEET 35

ASTRO TURF PLAYING FIELD

COUNCIL STORMWATER ASSET NOT TRACED

FOR NOTES SEE SHEET 37
& FOR TREE TABLE SEE SHEET 37

0 1 2 3 4 5 6 7 8 9 10

SCALE 1:100

1
DP.725204

23
SEC 6
DP.2273

22
SEC 6
DP.2273

SW-15

DRIVEWAY

CONCRETE

METAL GATE

FENCE

METAL

GRASS

PATH

HEAVILY VEGETATED
NATURAL BUSH
(TREE PROTECTION ZONE)

VEGETATED
AL BUSH
ECTION ZONE)

229.42
262° 54' 05"

LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

MGA NORTH

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:
SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER
CHATSWOOD HIGH SCHOOL
LOT 1 IN DP725204
24 CENTENNIAL AVENUE,
CHATSWOOD NSW 2067

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY | SHEET 30 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: **11915Bdetail**
CAD FILE: 11915Bdetail 5.dwg
ISSUE: 5



LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:

SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER CHATSWOOD HIGH SCHOOL
LOT 1 IN DP725204
24 CENTENNIAL AVENUE, CHATSWOOD NSW 2067

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY		SHEET 31 OF 37	
SURVEYED PB,BB,TC,ME	DRAWN CJR	CHECKED PB,BB,TC,ME	APPROVED SE & DR
SURVEY INSTRUCTION 11915B	SCALE 1:100 @ A1	DATE OF SURVEY 12-25/01/18, 14-16/01/19	
DRAWING NAME 11915Bdetail		ISSUE 5	
CAD FILE 11915Bdetail 5.dwg			

A1

MGA NORTH



FOR NOTES SEE SHEET 37
& FOR TREE TABLE SEE SHEET 37

0 1 2 3 4 5 6 7 8 9 10

SCALE 1:100

LEGEND

SLA = SURFACE LEVEL ABOVE
AT = ASTRO TURF
BAL = BALCONY
BB = BOTTOM OF BANK
BIN = RUBISH BIN
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SLA
DD = DISH DRAIN
DK = DECK
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
EOT = END OF TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SLA
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FOCM = FIBRE OPTIC CABLE MARKER
FOD = FULL OF DEBRIS
FP = FLAG POLE
FSL = FIBRE OPTIC SLA
GAFL = GARAGE FLOOR LEVEL
GAR = GARAGE
GF = GUTTER LEVEL
GM = GAS METER
GRT = GRATE
GSL = GAS SLA
GVA = GAS VALVE
HYD = HYDRANT
IL = INVERT LEVEL
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LIGHT POLE
NS = NATURAL SURFACE
PAR = PARAPET
POST = POST
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SLA
STR = STAIRS
SVA = STOP VALVE
SWPIT = STORMWATER PIT
SWSL = STORMWATER SLA
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TLE = TREE LINE
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SLA
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SLA
UTO = UNABLE TO OPEN
VC = VEHICLE CROSSING
WM = WATER METER
WSL = WATER SLA
WT = WATER TANK
WV = WATER VALVE

TREE
SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:

CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:

DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:

SCHOOLS INFASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER CHATSWOOD HIGH SCHOOL LOT 1 IN DP725204 24 CENTENNIAL AVENUE, CHATSWOOD NSW 2067

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

LGA: WILLOUGHBY | SHEET 32 OF 37

SURVEYED	DRAWN	CHECKED	APPROVED
PB,BB,TC,ME	CJR	PB,BB,TC,ME	SE & DR

SURVEY INSTRUCTION	SCALE	DATE OF SURVEY
11915B	1:100 @ A1	12-25/01/18, 14-16/01/19

DRAWING NAME: 11915Bdetail
ISSUE: 5
CAD FILE: 11915Bdetail 5.dwg