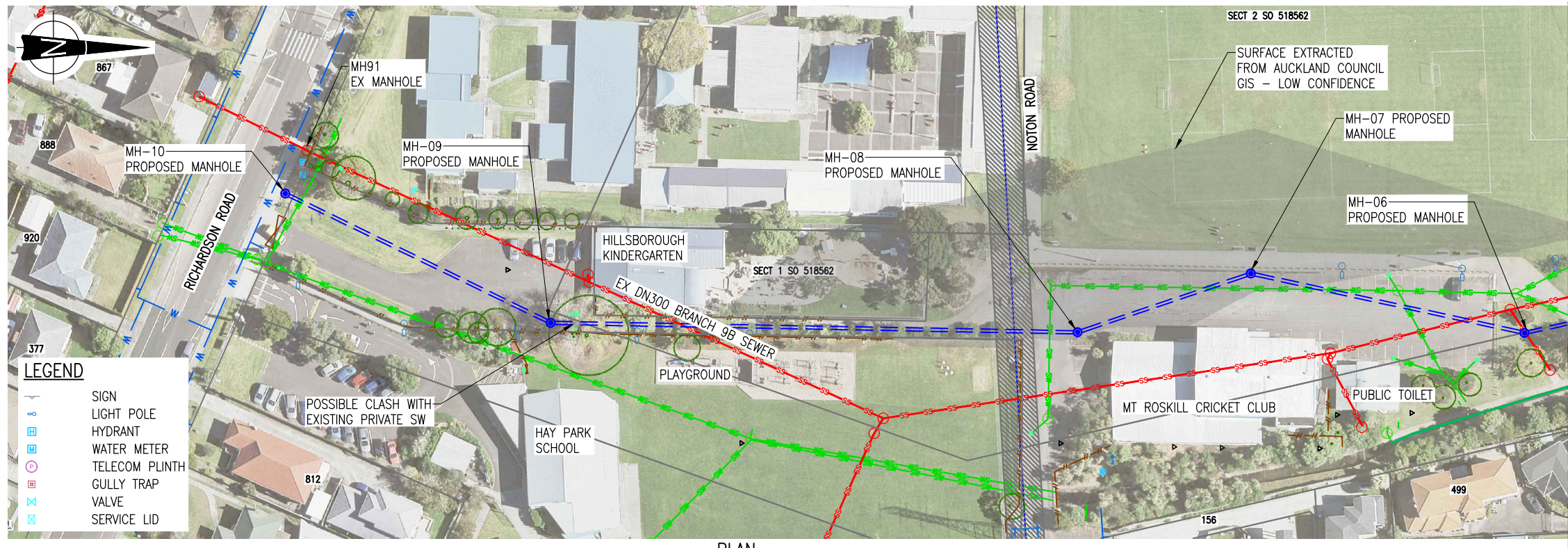
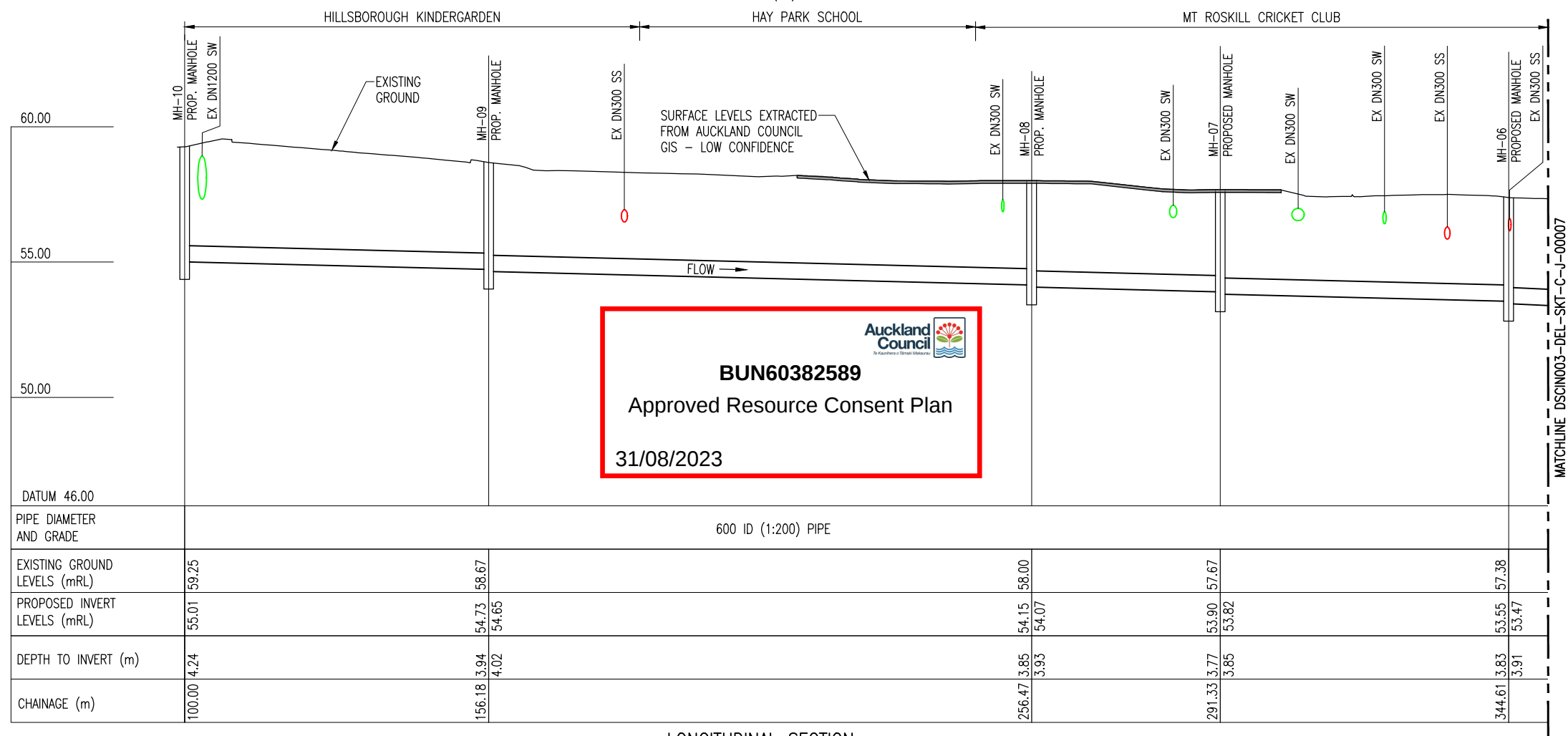




PLAN
SCALE 1:500 (A1)



LONGITUDINAL SECTION
SCALE 1:100 V 1:500 H (A1)

NOTES:

- CO-ORDINATES ARE IN NZTM AND LEVELS ARE TO AUCKLAND L&S 1946 DATUM.
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- CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN OF PIPE STRUCTURE CLASS AND PRESSURE RATING TO BOTH LONG-TERM PERMANENT-CASE AND TEMPORARY LOADS.

LEGEND

- PROPOSED MAIN TUNNEL
- PROPOSED LINK SEWER
- FUTURE CSO COLLECTOR SEWER AND MANHOLE
- PROPOSED SEWERAGE
- PROPOSED STORMWATER
- PROPOSED POWER/CONTROL DUCT
- EXISTING STORMWATER
- EXISTING STORMWATER STREAM
- EXISTING NETWORK WASTEWATER
- EXISTING TRANSMISSION WASTEWATER
- EXISTING WATERMAIN
- LV POWER CABLE
- HV POWER CABLE
- MV POWER CABLE
- TRANSPOWER LINE
- DESIGNATION BOUNDARY
- PROPOSED ALL WEATHER TRAFFICABLE ACCESS
- PROPOSED AIR DUCT
- CADASTRAL BOUNDARY
- OPEN WATER CHANNEL
- FENCE
- SURVEY MARK
- POWER POLE
- BOLLARD
- GATE
- CESSPIT SINGLE
- MANHOLE
- STORMWATER PIPE INVERT
- TREE TRUNK & APPROXIMATE DRIP LINE

SCALE 1:100 (A1)
SCALE 1:500 (A1)

INFORMATION ISSUE

JACOBS AECOM

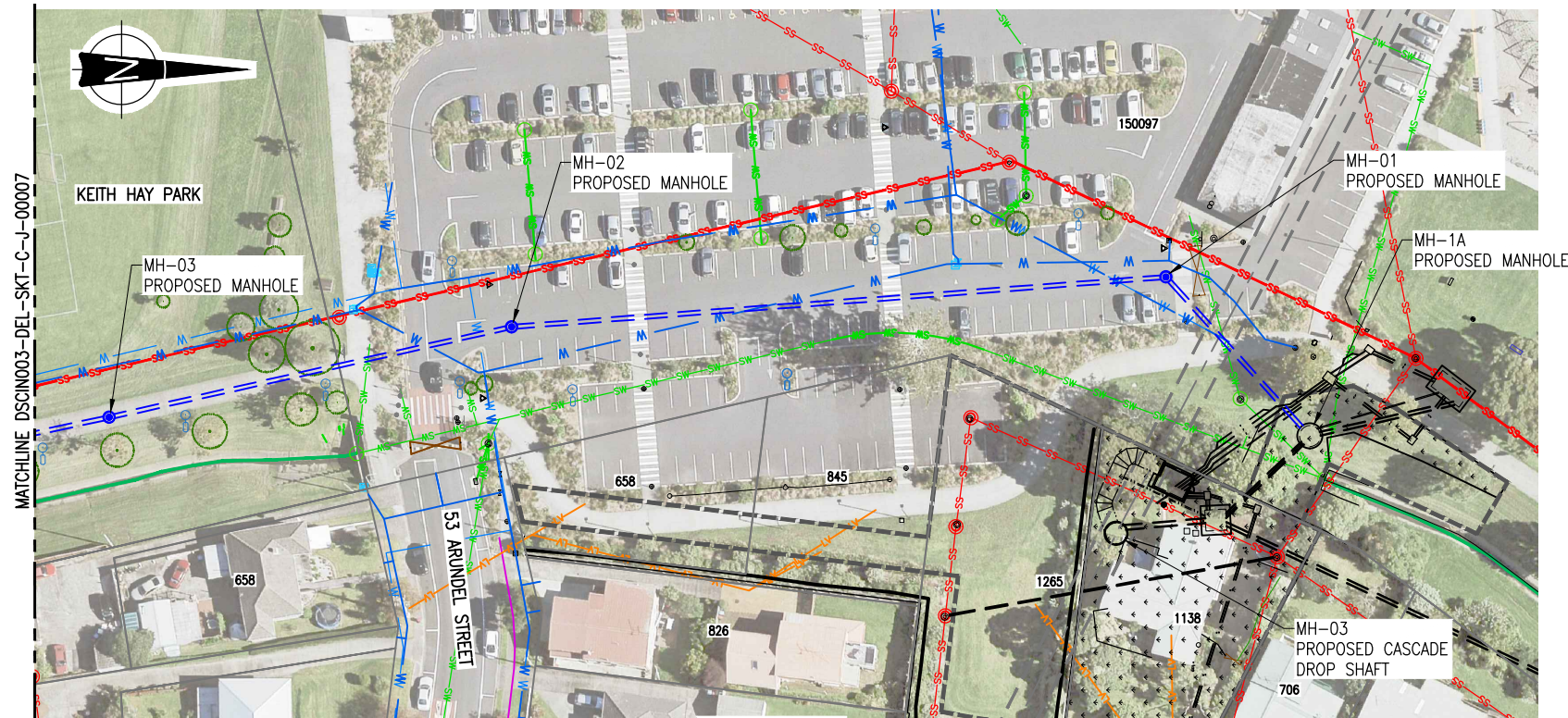
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ISSUE	DATE	AMENDMENT
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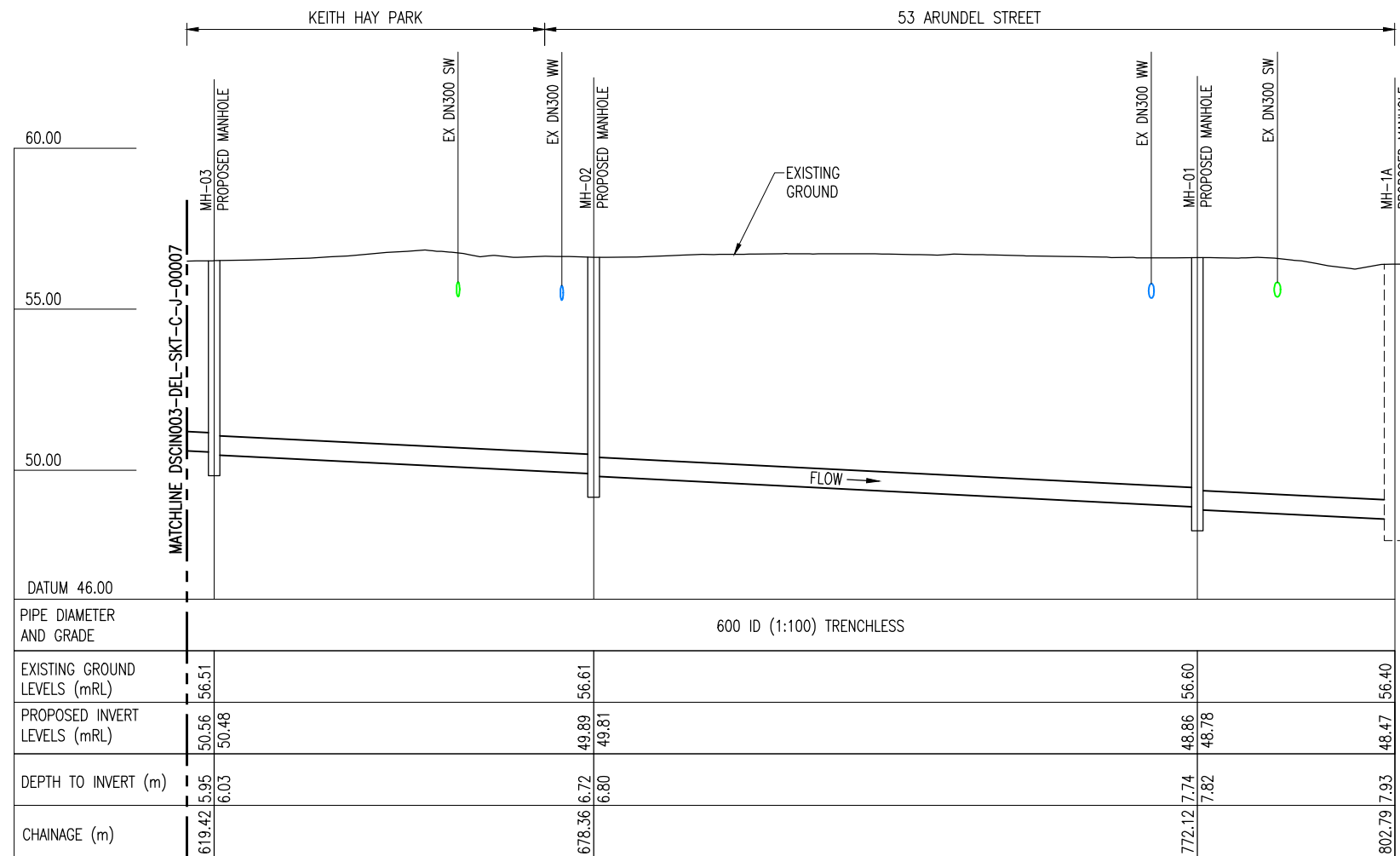
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KEITH HAY PARK - BRANCH 9 MT. ROSKILL (DSB09)
82 GRAVITY SEWER INCLUDING MANHOLES
PLAN AND LONGITUDINAL SECTION - CONSENT OPTION 2 - SHEET 1 OF 3

CAD FILE	DSCIN003-DEL-SKT-C-J-00006.DWG
REF No.	CI-CIVIL
SKETCH No.	DSCIN003-DEL-SKT-C-J-00006
ORIGINAL SCALE	A1 AS SHOWN
ISSUE	A



PLAN
SCALE 1:500 (A1)



LONGITUDINAL SECTION
SCALE 1:100 V 1:500 H (A1)

NOTES:

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LEGEND

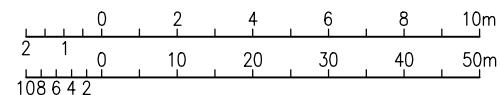
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- PROPOSED LINK SEWER
- FUTURE CSO COLLECTOR SEWER AND MANHOLE
- PROPOSED SEWERAGE
- PROPOSED STORMWATER
- PROPOSED POWER/CONTROL DUCT
- EXISTING STORMWATER
- EXISTING STORMWATER STREAM
- EXISTING NETWORK WASTEWATER
- EXISTING TRANSMISSION WASTEWATER
- EXISTING WATERMAIN
- LV POWER CABLE
- HV POWER CABLE
- MV POWER CABLE
- TRANSPOWER LINE
- DESIGNATION BOUNDARY
- PROPOSED ALL WEATHER TRAFFICABLE ACCESS
- PROPOSED AIR DUCT
- CADASTRAL BOUNDARY
- OPEN WATER CHANNEL
- FENCE
- SURVEY MARK
- POWER POLE
- BOLLARD
- GATE
- CESSPIT SINGLE
- MANHOLE
- STORMWATER PIPE INVERT
- TREE TRUNK & APPROXIMATE DRIP LINE

LEGEND

- SIGN
- LIGHT POLE
- HYDRANT
- WATER METER
- TELECOM PLINTH
- GULLY TRAP
- VALVE
- SERVICE LID

SCALE 1:100 (A1)

SCALE 1:500 (A1)



INFORMATION ISSUE

JACOBS AECOM

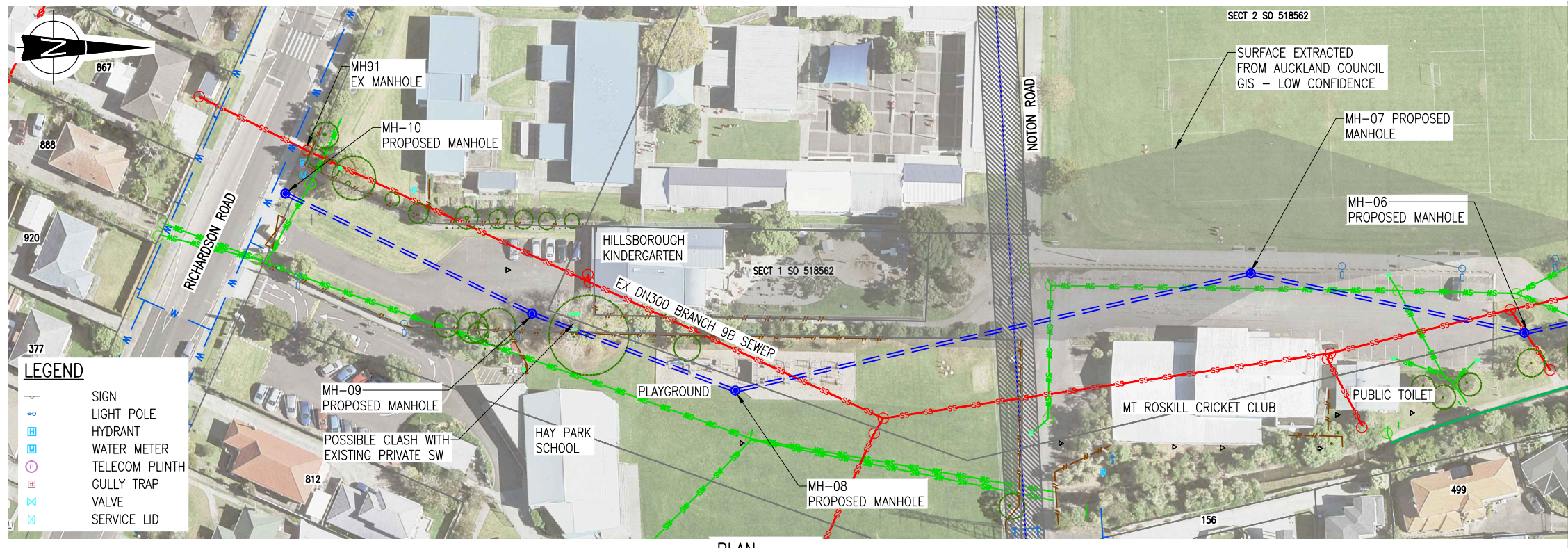
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ISSUE	DATE	AMENDMENT
A	03.02.21	IFI - CC9 CONSENT OPTION ISSUE

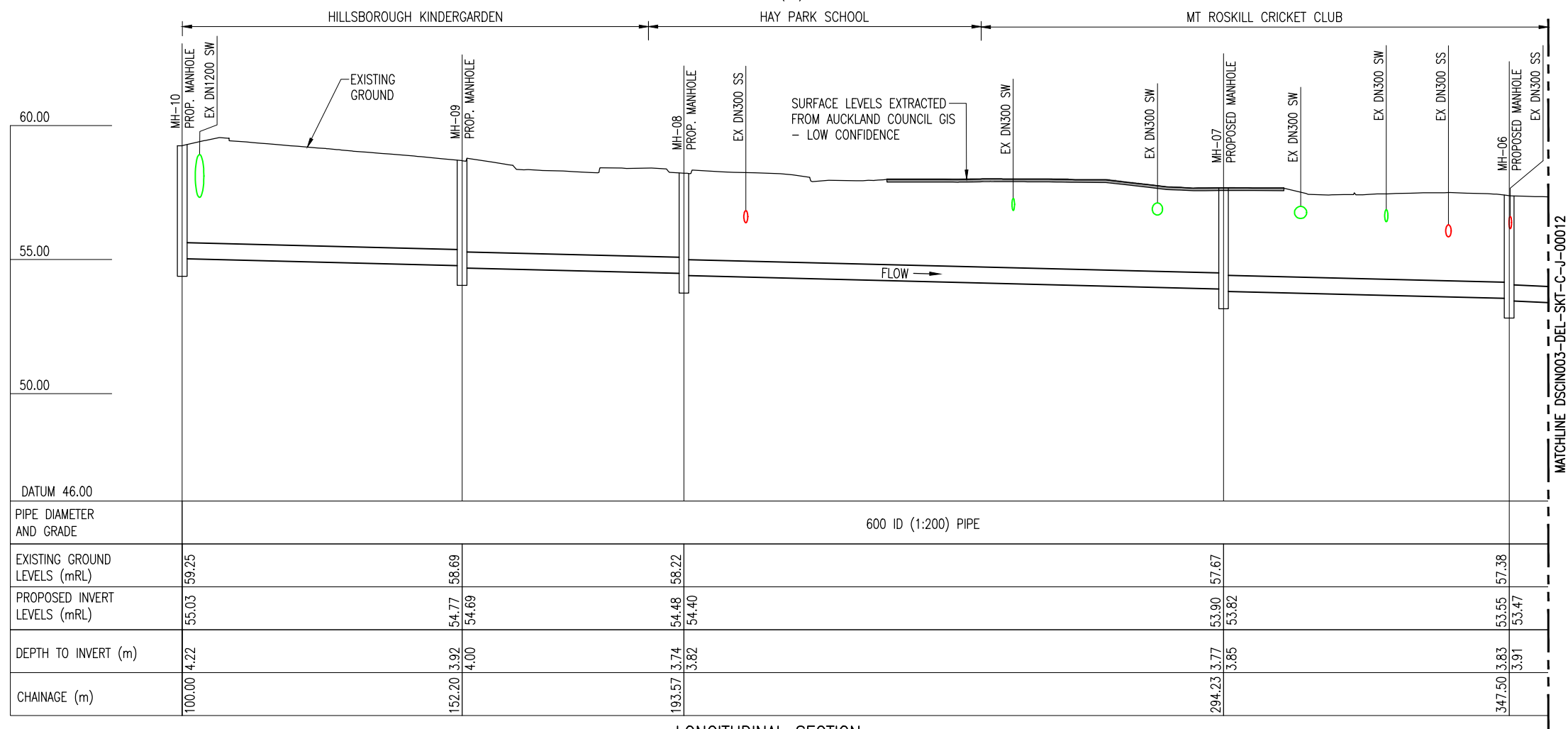


KEITH HAY PARK - BRANCH 9 MT. ROSKILL (DSB09)
82 GRAVITY SEWER INCLUDING MANHOLES
PLAN AND LONGITUDINAL SECTION - CONSENT OPTION 2 - SHEET 3 OF 3

CAD FILE	DSCIN003-DEL-SKT-C-J-00008.DWG
REF No.	CI-CIVIL
ORIGINAL SCALE	A1
AS SHOWN	
SKETCH No.	
DSCIN003-DEL-SKT-C-J-00008	A



PLAN
SCALE 1:500 (A1)



LONGITUDINAL SECTION
SCALE 1:100 V 1:500 H (A1)

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 - CADASTRAL BOUNDARY
 - OPEN WATER CHANNEL
 - FENCE
 - SURVEY MARK
 - POWER POLE
 - BOLLARD
 - GATE
 - CESSPIT SINGLE
 - MANHOLE
 - STORMWATER PIPE INVERT
 - TREE TRUNK & APPROXIMATE DRIP LINE
- SCALE 1:100 (A1)
SCALE 1:500 (A1)

INFORMATION ISSUE

JACOBS AECOM

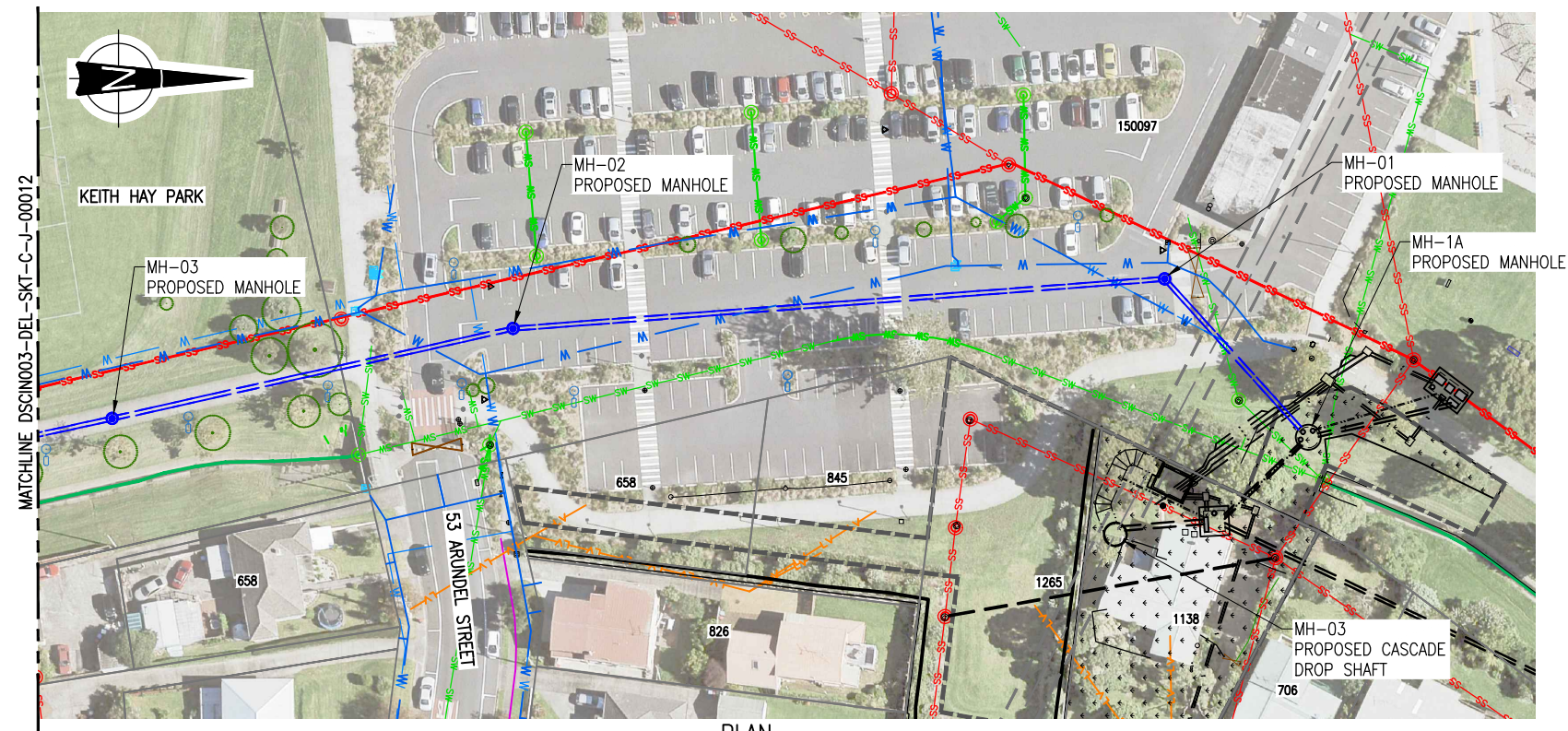
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A	03.02.21	IFI - CC9 CONSENT OPTION ISSUE
ISSUE	DATE	AMENDMENT

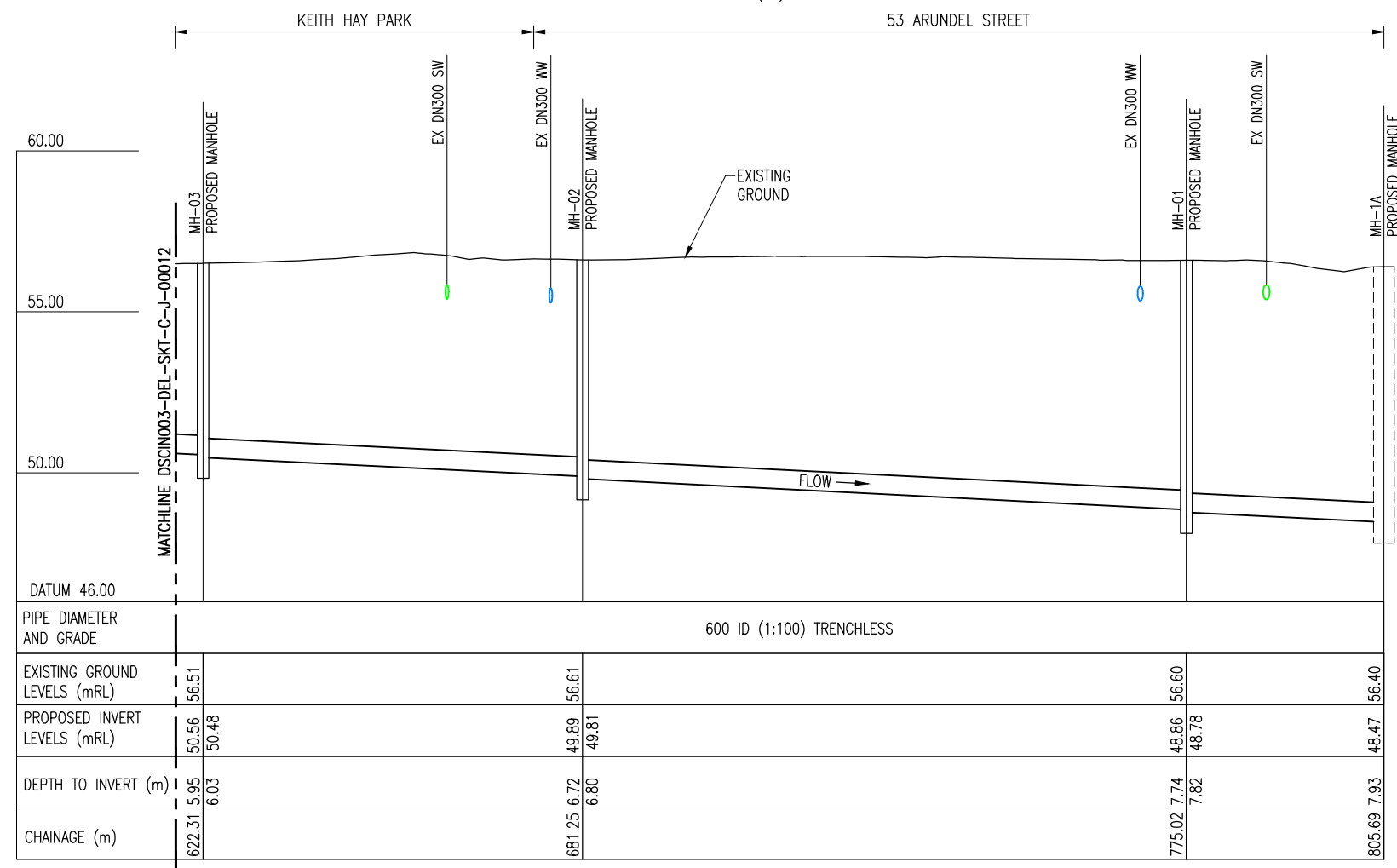
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KEITH HAY PARK - BRANCH 9 MT. ROSKILL (DSB09)
82 GRAVITY SEWER INCLUDING MANHOLES
PLAN AND LONGITUDINAL SECTION - CONSENT OPTION 3 - SHEET 1 OF 3

CAD FILE	DSCIN003-DEL-SKT-C-J-00011.DWG
REF No.	CI-CIVIL
ORIGINAL SCALE	A1
AS SHOWN	
SKETCH No.	
ISSUE	
DSCIN003-DEL-SKT-C-J-00011	A



PLAN
SCALE. 1:500 (A1)



LONGITUDINAL SECTION
SCALE: 1:100 V 1:500 H (A1)

LEGEND

	SIGN
	LIGHT POLE
	HYDRANT
	WATER METER
	TELECOM PLINTH
	GULLY TRAP
	VALVE
	SERVICE LID

NOTES:

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	PROPOSED LINK SEWER
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	PROPOSED STORMWATER
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	EXISTING NETWORK WASTEWATER
	EXISTING TRANSMISSION WASTEWATER
	EXISTING WATERMAIN
	LV POWER CABLE
	HV POWER CABLE
	MV POWER CABLE
	TELEPOWER LINE
	DESIGNATION BOUNDARY
	PROPOSED ALL WEATHER TRAFFICABLE ACCESS
	PROPOSED AIR DUCT
	CADASTRAL BOUNDARY
	OPEN WATER CHANNEL
	FENCE

	SURVEY MARK
	POWER POLE
	BOLLARD
	GATE
	CESSPIT SINGLE
	MANHOLE
	STORMWATER PIPE INVERT
	TREE TRUNK & APPROXIMATE DRIP LINE

INFORMATION ISSUE

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A	03.02.21	IFI – CC9 CONSENT OPTION ISSUE
ISSUE	DATE	AMENDMENT



KEITH HAY PARK – BRANCH 9 MT. ROSKILL (DSB09)
82 GRAVITY SEWER INCLUDING MANHOLES
PLAN AND LONGITUDINAL SECTION – CONSENT OPTION 3 – SHEET 3 OF 3

CAD FILE DSCIN003-DEL-SKT-C-J-00013.DWG	
REF No. CI-CIVIL	ORIGINAL SCALE A1 AS SHOWN
SKETCH No. DSCIN003-DEL-SKT-C-J-00013	ISSUE A

