

PROPOSED SEWERAGE PROPOSED RESIDENTIAL SUBDIVISION 451 MILES PLATTING ROAD, ROCHEDALE, QLD, 4123

GRAVITY SEWER NOTES

- ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT SOUTH EAST QUEENSLAND SEWERAGE CODE SPECIFICATIONS AND STANDARDS.
- UNLESS SPECIFIED OTHERWISE ALL MATERIALS AND WORK SHALL COMPLY WITH THE RELEVANT AUSTRALIAN STANDARDS.
- THE CONSTRUCTION OF THE SEWERAGE WORK SHOWN ON THIS DRAWING SHALL BE SUPERVISED BY AN ENGINEER WHO HAS RPEQ REGISTRATION. SEWERAGE WORKS NOT COMPLYING WITH THIS REQUIREMENT WILL NOT BE PERMITTED TO CONNECT INTO THE UU SEWERAGE SYSTEM.
- ALL LIVE WORK SHALL BE UNDERTAKEN BY THE CONTRACTOR IN ACCORDANCE WITH A VALID NETWORK ACCESS PERMIT, UNDER THE SUPERVISION OF URBAN UTILITIES, AT THE DEVELOPER'S EXPENSE.
- ALL PIPES AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE 'ACCEPTED PRODUCTS AND MATERIALS LIST'.
- EACH ALLOTMENT SHALL BE SERVED BY A DN110 PE PROPERTY CONNECTION. FOR ALLOTMENTS OTHER THAN SINGLE RESIDENTIAL, A DN160 PE PROPERTY CONNECTION SHALL BE PROVIDED.
- PROPERTY CONNECTIONS SHALL BE LOCATED WITHIN THE PROPERTY SHOWN IN THE DRAWINGS.
- PROPERTY CONNECTION BRANCHES SHALL EXTEND INTO THE PROPERTY A MINIMUM OF 300mm AND A MAXIMUM OF 750mm.
- WHERE PIPES ARE LAID IN FILL, THE FILLING SHALL BE CARRIED OUT IN LAYERS NOT EXCEEDING 300mm (LOOSE) IN DEPTH AND SHALL BE COMPACTED UNTIL THE COMPACTION IS NOT LESS THAN 95% OF THE MATERIALS MAXIMUM COMPACTION WHEN TESTED IN ACCORDANCE A.S. 1289 (MODIFIED COMPACTION). TESTING SHALL BE CARRIED OUT AFTER EACH ALTERNATE LAYER. IN ALL SUCH CASES APPROVAL OF CONSTRUCTED SEWERS WILL NOT BE ISSUED BY THE SEQ SERVICE PROVIDER UNLESS CERTIFICATES ARE PRODUCED CERTIFYING THAT THE REQUIRED COMPACTION HAS BEEN ACHIEVED.
- THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF EXISTING SERVICES WITH RELEVANT AUTHORITIES BEFORE COMMENCING WORKS.
- SEWERS SHALL BE DISUSED/ ABANDONED IN ACCORDANCE WITH PROCEDURES SET OUT IN THE SEQ SEWER CODE.
- EXISTING ALLOTMENTS REQUIRING A PROPERTY CONNECTION FROM EXISTING SEWERS SHALL BE PROVIDED BY A QUALIFIED CONTRACTOR AT THE DEVELOPER'S EXPENSE. LIVE WORK SHALL BE UNDERTAKEN BY THE CONTRACTOR IN ACCORDANCE WITH A VALID NETWORK ACCESS PERMIT, UNDER THE SUPERVISION OF URBAN UTILITIES, AT THE DEVELOPER'S EXPENSE.
- THE UNDERSIDE OF ALL MAINTENANCE HOLES ASPROS MUST BE PE LINED AS PER STANDARD DRAWING SEQ-SEW-1301-26
- CONCRETE FOR MH CONSTRUCTION SHALL BE SPECIAL CLASS TO WSA PS-358 WITH CALCAREOUS AGGREGATE.

VEGETATION PROTECTION

- TREES LOCATED ALONG THE FOOTPATH SHALL BE, TRANSPLANTED PRIOR TO CONSTRUCTION, OR REPLACED IF DESTROYED.
- WHEN WORKING WITHIN 4 m OF TREES, RUBBER OR HARDWOOD GIRDLES SHALL BE CONSTRUCTED WITH 1.8 m BATTENS CLOSELY SPACED AND ARRANGED VERTICALLY FROM GROUND LEVEL. GIRDLES SHALL BE STRAPPED TO TREES PRIOR TO CONSTRUCTION AND REMAIN UNTIL COMPLETION.
- TREE ROOTS SHALL BE TUNNELLED UNDER, RATHER THAN SEVERED. IF ROOTS ARE SEVERED THE DAMAGED AREA SHALL BE TREATED WITH A SUITABLE FUNGICIDE. CONTACT RELEVANT COUNCIL ARBORIST FOR FURTHER ADVICE.
- ANY TREE LOPPING REQUIRED SHOULD BE UNDERTAKEN BY AN APPROVED ARBORIST.

SOIL

- TOPSOIL AND SUBSOIL SHALL BE STOCKPILED SEPARATELY.
- CARE SHALL BE TAKEN TO PREVENT SEDIMENT FROM ENTERING THE STORMWATER SYSTEM. THIS MAY INVOLVE PLACING APPROPRIATE SEDIMENT CONTROLS AROUND STOCKPILES.

CREEK CROSSINGS

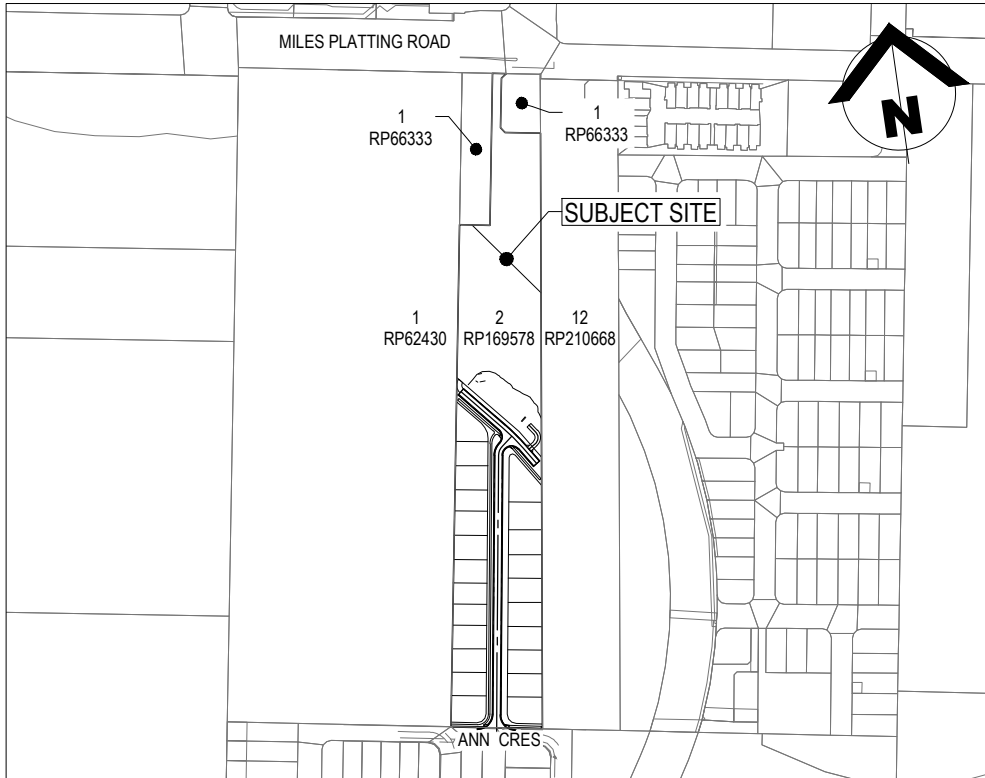
- SILTATION CONTROL MEASURES SHALL BE PLACED DOWNSTREAM OF ANY EXCAVATION WORK.
- APPROPRIATE SEDIMENT CONTROLS SHALL BE USED TO PREVENT SEDIMENT FROM ENTERING THE CREEK.
- NO SOIL SHALL BE STOCKPILED WITHIN 5 m OF THE CREEK.

REHABILITATION

- PREDISTURBANCE SOIL PROFILES AND COMPACTION LEVELS SHALL BE REINSTATED.
- PREDISTURBANCE VEGETATION PATTERNS SHALL BE RESTORED.

SAFETY

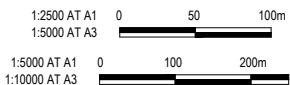
- THE DESIGN AND CONSTRUCTION OF THE WORKS SHALL COMPLY WITH ALL QUEENSLAND LEGISLATION.



SITE PLAN
SCALE: 1:2500 (A1)



LOCALITY PLAN
SCALE: 1:5000 (A1)



ALL WATER AND SEWER CONSTRUCTION WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE QUEENSLAND WORK HEALTH AND SAFETY ACT 2011. CONTACT THE DIVISION OF WORKPLACE HEALTH AND SAFETY FOR INFORMATION PHONE 1300 362 128.

ALL LIVE WORKS TO BE UNDERTAKEN BY THE CONTRACTOR IN ACCORDANCE WITH A VALID NETWORK ACCESS PERMIT UNDER THE SUPERVISION OF URBAN UTILITIES, AT THE DEVELOPERS EXPENSE.

OSKA CIVIL CONSULTANTS
WATER APPROVAL REF. NO: 25-PNT-81360

SIGNED *[Signature]* DATE 31-07-26
YI HE 36142
NAME OF SIGNATORY RPEQ NUMBER

ENGINEER'S CERTIFICATION

I, *[Signature]*, hereby certify that the as-constructed details shown on this drawing are a true and accurate record of the construction works, approved drawings and approved design.

RPEQ (signature) RPEQ No. _____ Date: _____

CONTRACTOR TO DETERMINE AND LOCATE ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS

CONTRACTOR LIVE WORKS TABLE

No.	DESCRIPTION	DIA. SEWER	MH No.	MH/MS TYPE	COVER TYPE	LOT No.	F.S.L	E.S.L.	I.L.	DEPTH TO INVERT
1 (A)	CONTRACTOR TO CONSTRUCT NEW MANHOLE OVER EXISTING SEWER STUB CONNECTION FROM MH571674 (TEMPORARILY END CAPPED)	DN160	MH571674	F	-	21 RP210668	-	48.610m	44.900m	3.710m
1 (B)	CONTRACTOR TO LAY AND CONSTRUCT ALL LINES.	DN160	-	-	-	VARIES	VARIES	VARIES	VARIES	VARIES
1 (C)	CONTRACTOR TO REMOVE TEMPORARY END CAP AND STUB FROM MH571674 AND MAKE LIVE CONNECTION AFTER SUCCESSFUL 'ON-MAINTENANCE' INSPECTION.	DN160	MH571674	F	-	21 RP210668	-	48.610m	44.900m	3.710m

SCHEDULE OF PROJECT DRAWINGS

DWG. No.	DRAWING TITLE
SEWERAGE	
S000	SEWERAGE COVER SHEET
S001	SEWERAGE PLAN
S010	SEWERAGE LONGITUDINAL SECTIONS SHEET 1 OF 2
S011	SEWERAGE LONGITUDINAL SECTIONS SHEET 2 OF 2

BCC DS
RECEIVED
31-AUG-2026
APPLICATION REF
A007103312

A1

REV NO	DATE	REVISION PURPOSE / DESCRIPTION	DRAWN	RPEQ	RPEQ No	CHECKED	YH	DATE
C	21-07-26	ISSUED FOR CONSTRUCTION	KQ	YH	36142	DRAWN	RH	21-07-26
B	22-05-26	ISSUED FOR CONSTRUCTION	RH	YC	21472	CHECKED	HH	21-07-26
A	18-07-25	ISSUED FOR APPROVAL	YL	DC	26363	APPROVED	YH	21-07-26



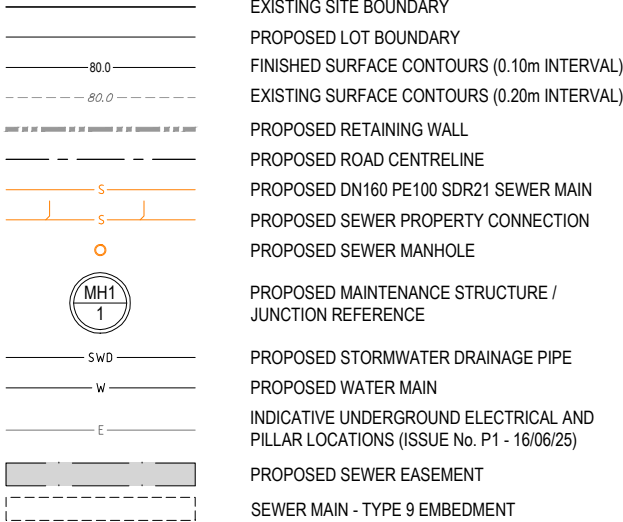
CHANGFA QLD PTY LDA

PROPOSED RESIDENTIAL SUBDIVISION
451 MILES PLATTING ROAD, ROCHEDALE, QLD, 4123

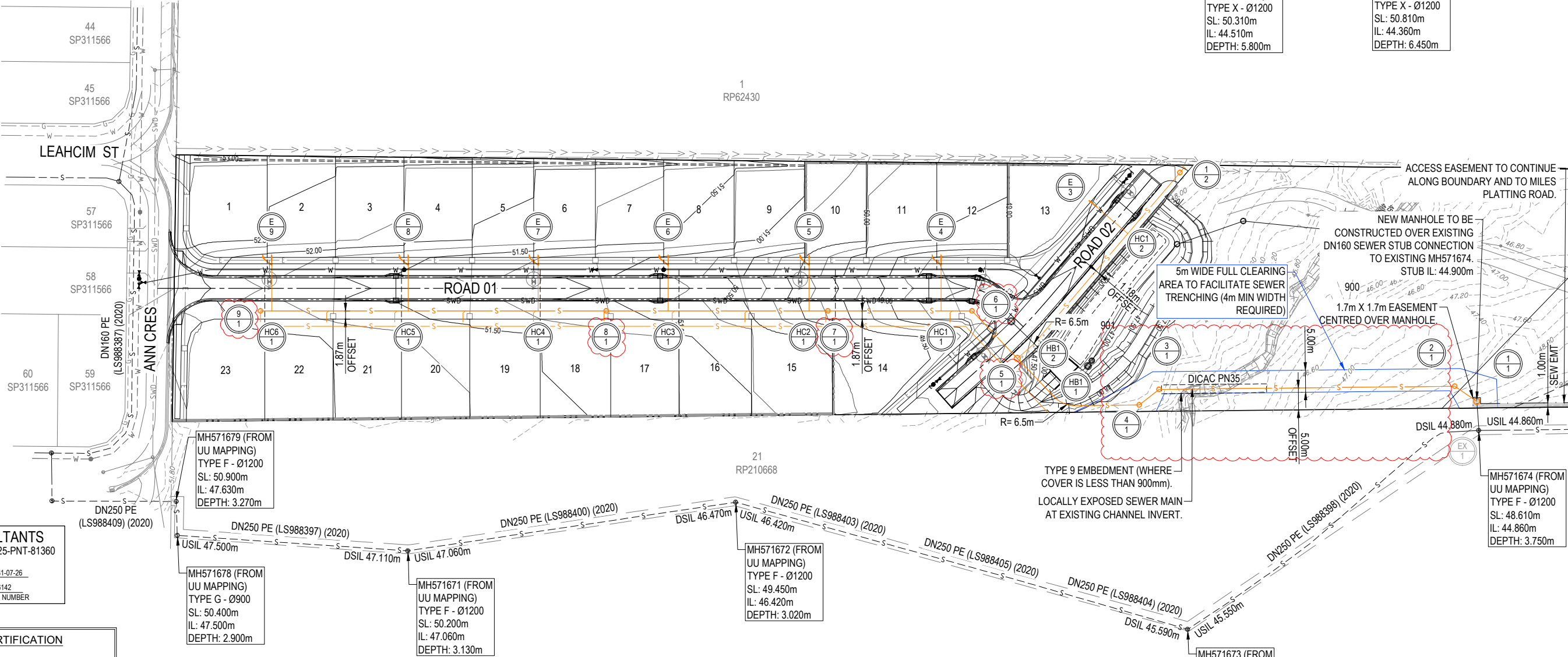
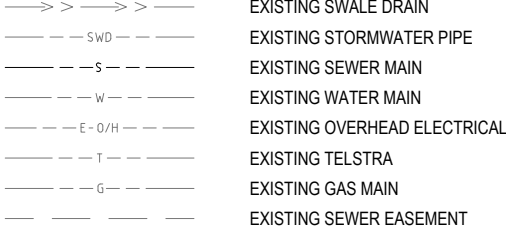
SEWERAGE COVER SHEET

DRAWING STATUS	
FOR CONSTRUCTION	
SHEET 1 OF 4 SHEETS	REV. C
DRAWING NO. OSK6533-S000	

LEGEND



LEGEND (CONT.)



OSKA CIVIL CONSULTANTS
WATER APPROVAL REF. NO: 25-PNT-81360

SIGNED: [Signature] DATE: 31-07-26
YI HE 36142
NAME OF SIGNATORY RPEQ NUMBER

ENGINEER'S CERTIFICATION

I, [Signature], hereby certify that the as-constructed details shown on this drawing are a true and accurate record of the construction works, approved drawings and approved design.

RPEQ (signature) RPEQ No. Date:

CONTRACTOR TO DETERMINE AND LOCATE ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS

ALL WATER AND SEWER CONSTRUCTION WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE QUEENSLAND WORK HEALTH AND SAFETY ACT 2011. CONTACT THE DIVISION OF WORKPLACE HEALTH AND SAFETY FOR INFORMATION PHONE 1300 362 128.

ALL LIVE WORKS TO BE UNDERTAKEN BY THE CONTRACTOR IN ACCORDANCE WITH A VALID NETWORK ACCESS PERMIT UNDER THE SUPERVISION OF URBAN UTILITIES, AT THE DEVELOPERS EXPENSE.

BCC DS
RECEIVED
31-AUG-2026
APPLICATION REF
A007103312

1:500 AT A1
1:1000 AT A3

A1

REV NO	DATE	REVISION PURPOSE / DESCRIPTION	DRAWN	RPEQ	RPEQ No	APPROVED	INITIALS	DATE
D	21-07-26	ISSUED FOR CONSTRUCTION	KQ	YH	36142			
C	22-05-26	ISSUED FOR CONSTRUCTION	RH	YC	21472	DRAWN	RH	21-07-26
B	18-07-25	ISSUED FOR APPROVAL	YL	DC	26353	CHECKED	HH	21-07-26
A	28-04-25	ISSUED FOR COORDINATION	KB			APPROVED	YH	21-07-26



CHANGFA QLD PTY LDA

PROPOSED RESIDENTIAL SUBDIVISION
451 MILES PLATTING ROAD, ROCHEDALE, QLD, 4123

SEWERAGE PLAN

DRAWING STATUS	
FOR CONSTRUCTION	
SHEET 2 OF 4 SHEETS	REV.
DRAWING NO. OSK6533-S001	D

BCC DS
RECEIVED
31-AUG-2026
APPLICATION REF
A007103312

MAINT. HOLE / SHAFT No.

MAINT. HOLE / SHAFT No.	1/1	2/1	3/1	4/1	HB1/1	5/1	6/1	HC1/1	7/1	HC2/1	HC3/1	8/1	HC4/1	HC5/1	HC6/1	9/1
MH/MS COVER TYPE	ⓑ	ⓑ	ⓑ	ⓑ		ⓓ	ⓓ		ⓓ			ⓓ				ⓓ
MH/MS TYPE	F	G	G	R 6.5m LRB		F	G	CON	G	CON	CON	G	CON	CON	CON	G
MH/MS DROP TYPE	A	A	A			D	A		C			A				
BRANCH LINE No.						2		4		5	6		7	8	9	
PROPERTY CONNECTION TYPE						C2	C4	C2	C2	C4	C2	C2	C4			

LEGEND

MH G = Ø1050
MH F = Ø1200
ⓑ = NON-TRAFFICABLE COVER
ⓓ = TRAFFICABLE COVER
CON = CONNECTION
A = HOUSE CONNECTION TYPE A
B = HOUSE CONNECTION TYPE B
C = HOUSE CONNECTION TYPE C
DROP TYPE A = STRAIGHT THROUGH DROP
DROP TYPE C = OBLIQUE BACKDROP
DROP TYPE D = EXTERNAL BACKDROP
FP = VERGE
PP = PRIVATE PROPERTY

CONSTRUCT SEWER MANHOLE
OVER EXISTING SEWER STUB.

TYPE 9 EMBEDMENT WHERE
COVER IS LESS THAN 900mm
(APPROX. CH 42.705 - 73.230).

DESIGN SURFACE
EXISTING SURFACE

PROVIDE 1.5m LONG DN160
PE100 STUB AT 1:100 GRADE
& END CAP FOR FUTURE
CONNECTION.

DATUM

PROPERTY DESCRIPTION

NOM. DIAMETER, TYPE, CLASS
GRADE (1 IN X)
LENGTH (m)

EMBEDMENT TYPE

DEPTH OF INVERT BELOW FSL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						</
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LINE - 1

LINE - 2

1:1000 AT A1 (1:2000 AT A3) 0 20 40m HOR
1:100 AT A1 (1:200 AT A3) 0 2 4m VERT

REFER PACIFIC GEOTECH REPORT FOR
EMERSON CLASS TESTING AND TRENCH
DESIGN RECOMMENDATIONS (REF: PG-13482)

OSKA CIVIL CONSULTANTS
WATER APPROVAL REF. NO: 25-PNT-81360

SIGNED *[Signature]* DATE 31-07-26
YI HE 36142
NAME OF SIGNATORY RPEQ NUMBER

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CONTRACTOR TO DETERMINE AND LOCATE
ALL EXISTING SERVICES PRIOR TO
COMMENCEMENT OF WORKS

A1

REV NO	DATE	REVISION PURPOSE / DESCRIPTION	DRAWN	RPEQ	RPEQ No.	CHECKED	INITIALS	DATE
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CHANGFA QLD PTY LDA

PROPOSED RESIDENTIAL SUBDIVISION
451 MILES PLATTING ROAD, ROCHEDALE, QLD, 4123

SEWERAGE LONGITUDINAL SECTIONS SHEET 1 OF 2

DRAWING STATUS
FOR CONSTRUCTION

SHEET 3 OF 4 SHEETS

DRAWING NO. OSK6533-S010
REV. C

BCC DS
RECEIVED
31-AUG-2026
APPLICATION REF
A007103312

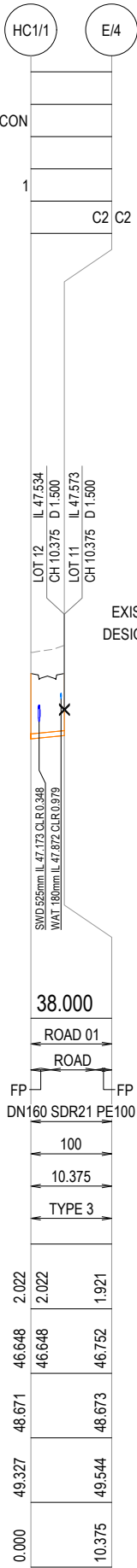
MAINT. HOLE / SHAFT No.	
MH/MS COVER TYPE	
MH/MS TYPE	CON
MH/MS DROP TYPE	
BRANCH LINE No.	2
PROPERTY CONNECTION TYPE	C2

LEGEND
MH G = Ø1050
MH F = Ø1200
B = NON-TRAFFICABLE COVER
D = TRAFFICABLE COVER
CON = CONNECTION
A = HOUSE CONNECTION TYPE A
B = HOUSE CONNECTION TYPE B
C = HOUSE CONNECTION TYPE C
DROP TYPE A = STRAIGHT THROUGH DROP
DROP TYPE C = OBLIQUE BACKDROP
DROP TYPE D = EXTERNAL BACKDROP
FP = VERGE
PP = PRIVATE PROPERTY

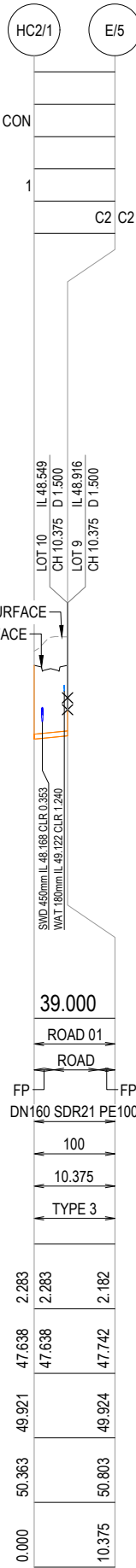
DATUM	37.000
PROPERTY DESCRIPTION	ROAD 02 ROAD
NOM. DIAMETER, TYPE, CLASS	DN160 SDR21 PE100
GRADE (1 IN X)	21.05
LENGTH (m)	9.325
EMBEDMENT TYPE	TYPE 3

DEPTH OF INVERT BELOW FSL	2.360	2.360	1.988
INVERT LEVEL (IL)	46.043	46.043	46.486
FINISHED SURFACE LEVEL (FSL)	48.404		48.474
EXISTING SURFACE LEVEL (ESL)	48.324		48.501
CHAINAGE (CH)	0.000	9.325	

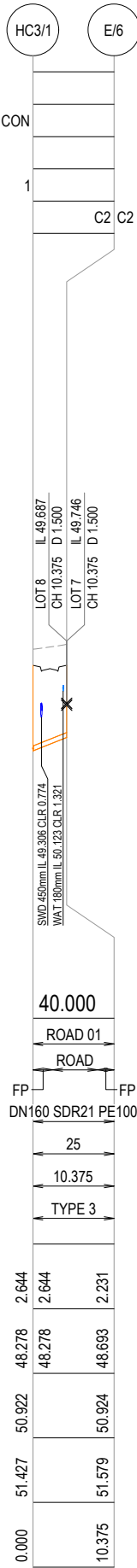
LINE - 3



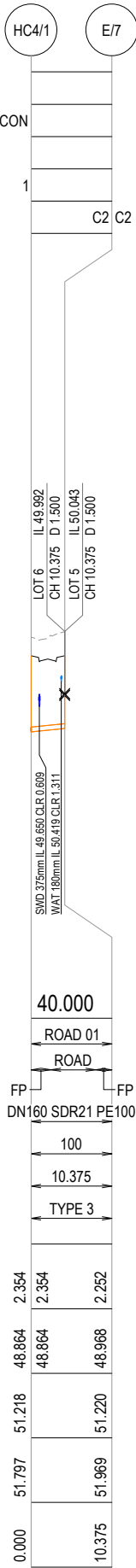
LINE - 4



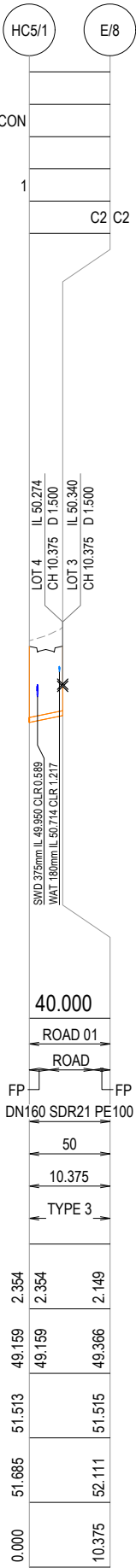
LINE - 5



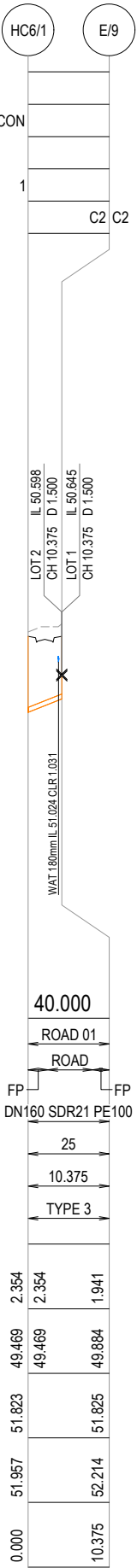
LINE - 6



LINE - 7



LINE - 8



LINE - 9

REFER PACIFIC GEOTECH REPORT FOR EMERSON CLASS TESTING AND TRENCH DESIGN RECOMMENDATIONS (REF: PG-13482)

OSKA CIVIL CONSULTANTS
WATER APPROVAL REF. NO: 25-PNT-81360
SIGNED: [Signature] DATE: 31-07-26
YI HE 36142
NAME OF SIGNATORY RPEQ NUMBER

ENGINEER'S CERTIFICATION
I, _____, hereby certify that the as-constructed details shown on this drawing are a true and accurate record of the construction works, approved drawings and approved design.
RPEQ (signature) RPEQ No. _____ Date: _____

CONTRACTOR TO DETERMINE AND LOCATE ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS

1:1000 AT A1 (1:2000 AT A3) 0 20 40m HOR
1:100 AT A1 (1:200 AT A3) 0 2 4m VERT

A1

REV NO	DATE	REVISION PURPOSE / DESCRIPTION	DRAWN	RPEQ	RPEQ No	CHECKED	HH	DATE
C	21-07-26	ISSUED FOR CONSTRUCTION	KQ	YH	36142	DRAWN	RH	21-07-26
B	22-05-26	ISSUED FOR CONSTRUCTION	RH	YC	21472	CHECKED	HH	21-07-26
A	18-07-25	ISSUED FOR APPROVAL	YL	DC	26363	APPROVED	YH	21-07-26



CHANGFA QLD PTY LDA

PROPOSED RESIDENTIAL SUBDIVISION
451 MILES PLATTING ROAD, ROCHEDALE, QLD, 4123
SEWERAGE LONGITUDINAL SECTIONS SHEET 2 OF 2

DRAWING STATUS FOR CONSTRUCTION
SHEET 4 OF 4 SHEETS
DRAWING NO. OSK6533-S011
REV. C