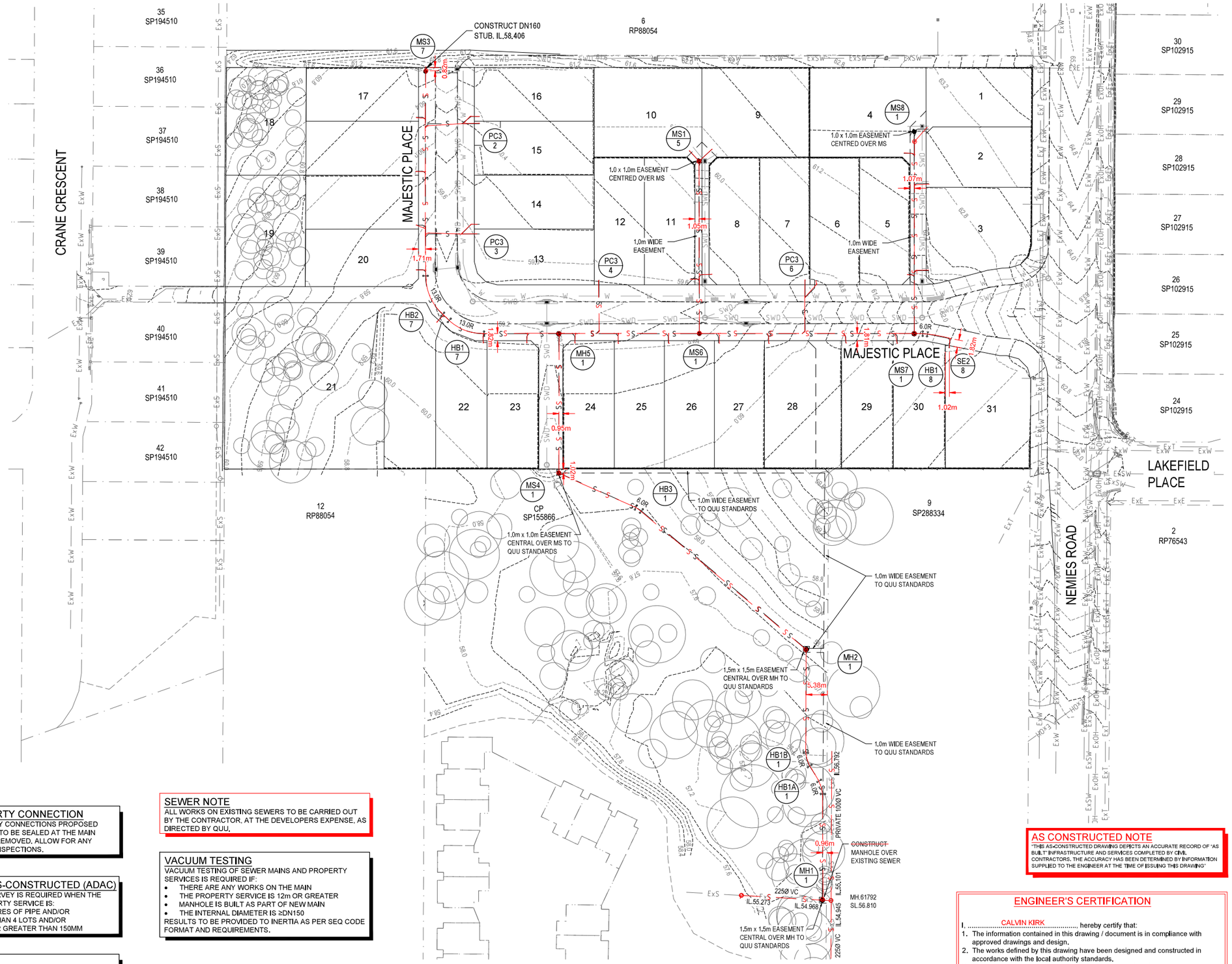
## LEGEND

- SITE BOUNDARY
- EXISTING PROPERTY BOUNDARY
- FINISHED CONTOURS (AT 0.20m INTERVALS)
- EXISTING KERB
- EXISTING STORMWATER
- EXISTING SEWER
- EXISTING WATER
- EXISTING TELSTRA
- EXISTING ELECTRICAL
- EXISTING OVERHEAD ELECTRICAL
- EXISTING GAS
- EXISTING EDGE OF BITUMEN
- EXISTING TREES
- PROPOSED KERB & CHANNEL
- PROPOSED EDGE OF BITUMEN
- PROPOSED STORMWATER DRAINAGE PIPE
- PROPOSED STORMWATER PIT
- STORMWATER DRAINAGE MANHOLE
- PROPOSED STORMWATER KERB GULLY
- PROPOSED STORMWATER DRAINAGE HEADWALL
- PROPOSED SEWER PIPE
- CONSTRUCTED SEWER PIPE
- PROPOSED SEWER HORIZONTAL CURVE TANGENT LOCATION
- PROPOSED SEWER MAINTENANCE STRUCTURE
- MS2 1 — PROPOSED SEWER MAINTENANCE STRUCTURE ID
- PROPOSED WATER PIPE




### EXISTING SERVICES NOTE

EXISTING SERVICES MAY BE PLOTTED FROM BRISBANE CITY COUNCIL RECORDS AND 'D.B.Y.D'. LOCATION AND LEVEL OF ALL EXISTING SERVICES ARE ASSUMED AND ARE TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION. CONTRACTOR TO CONTACT 'DIAL BEFORE YOU DIG' FOR THE LOCATION OF EXISTING PUBLIC UTILITIES PRIOR TO EXCAVATION. ANY DAMAGE TO EXISTING SERVICES WILL BE REPAIRED BY THE CONTRACTOR.

### WORKPLACE HEALTH AND SAFETY

ALL WATER AND SEWER CONSTRUCTION WORKS 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

### DISCLAIMER

WHILST EVERY EFFORT HAS BEEN MADE TO ENSURE THAT THE INFORMATION PROVIDED IN THIS DRAWING/DESIGN WAS ACCURATE AT THE TIME IT WAS COMPILED, AS PART OF Q.U.U'S "AS CONSTRUCTED" RECORDS, IT REMAINS THE RESPONSIBILITY OF PROPERTY OWNERS AND THEIR CONTRACTORS, SUB-CONTRACTORS, EMPLOYEES, SERVANTS AND AGENTS AS IN THE CIRCUMSTANCES TO MAKE ALL REASONABLE EFFORT TO ASCERTAIN THE PRECISE LOCATION OF EXISTING INFRASTRUCTURE INCLUDING WATER MAINS, SEWERS AND DRAINS BEFORE UNDERTAKING EXCAVATION OR CONSTRUCTION WORK.

USERS OF THE INFORMATION SHOULD BE AWARE THAT SINCE THE ORIGINAL RECORDING OF THE DEPTHS IN RELATION TO GROUND LEVELS, CHANGES MAY HAVE OCCURRED AS A RESULT OF SUBSEQUENT WORK OR ACTIVITIES INVOLVING FILLING OR EXCAVATION. CONSEQUENTLY, INERTIA ENGINEERING AND QUEENSLAND URBAN UTILITIES TAKES NO RESPONSIBILITY FOR ANY APPARENT ERROR OR INACCURACIES THAT ARE SHOWN TO EXISTING AS AT THE DATE INFORMATION WAS PROVIDED OR AT A LATER DATE.

THE ABOVE ALSO APPLIES TO LOCATION AND DEPTH OF OTHER PUBLIC UTILITIES.

### EXISTING PROPERTY CONNECTION

ANY EXISTING PROPERTY CONNECTIONS PROPOSED TO BE ABANDONED ARE TO BE SEALED AT THE MAIN AND GROUT FILLED OR REMOVED. ALLOW FOR ANY REQUIRED AUTHORITY INSPECTIONS.

### ASSET DESIGN AS-CONSTRUCTED (ADAC)

A XML FILE AND PDF SURVEY IS REQUIRED WHEN THE SEWER MAIN OR PROPERTY SERVICE IS:

- MORE THAN 12 METRES OF PIPE AND/OR
- SERVICING MORE THAN 4 LOTS AND/OR
- INTERNAL DIAMETER GREATER THAN 150MM

### CCTV

CCTV IS TO BE CARRIED OUT FOR ALL SEWER MAINS OR ALL PROPERTY SERVICES THAT ARE 12m OR GREATER AND FOR REUSE OF PROPERTY SERVICES. CCTV REPORT AND FOOTAGE TO BE PROVIDED TO INERTIA AS PER SEQ CODE FORMAT AND REQUIREMENTS.

### SEWER NOTE

ALL WORKS ON EXISTING SEWERS TO BE CARRIED OUT BY THE CONTRACTOR, AT THE DEVELOPERS EXPENSE, AS DIRECTED BY QUU.

### VACUUM TESTING

VACUUM TESTING OF SEWER MAINS AND PROPERTY SERVICES IS REQUIRED IF:

- THERE ARE ANY WORKS ON THE MAIN
- THE PROPERTY SERVICE IS 12m OR GREATER
- MANHOLE IS BUILT AS PART OF NEW MAIN
- THE INTERNAL DIAMETER IS ≥DN150

RESULTS TO BE PROVIDED TO INERTIA AS PER SEQ CODE FORMAT AND REQUIREMENTS.

### NOTE

ALL EXISTING DRIVEWAYS, CONCRETE FOOTPATHS, RETAINING WALLS AND DISTURBED AREAS TO BE REINSTATED (TYPICAL).

### PROPERTY CONNECTION NOTE

ALL PROPERTY CONNECTIONS SHALL BE IN ACCORDANCE WITH STANDARD DRAWING SEQ-SEW-1106-2 TO 1106-6

### AS CONSTRUCTED NOTE

"THIS AS-CONSTRUCTED DRAWING DEPICTS AN ACCURATE RECORD OF "AS BUILT" INFRASTRUCTURE AND SERVICES COMPLETED BY CIVIL CONTRACTORS. THE ACCURACY HAS BEEN DETERMINED BY INFORMATION SUPPLIED TO THE ENGINEER AT THE TIME OF ISSUING THIS DRAWING"

### ENGINEER'S CERTIFICATION

I, CALVIN KIRK, hereby certify that:

1. The information contained in this drawing / document is in compliance with approved drawings and design.
2. The works defined by this drawing have been designed and constructed in accordance with the local authority standards.
3. This represents an accurate record of as constructed works
4. I accept responsibility for the information contained in this drawing / document.

RPEQ (signature) RPEQ No. 19536 Date: 22.01.2020

AS CONSTRUCTED

| REV | DESCRIPTION | DATE | DRAWN | APPROVED |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| 2 | AS CONSTRUCTED | 22.01.20 | IE | CK |
| 1 | WALL LOCATION, CONTOURS UPDATED | 22.10.19 | MKP | CK |
| 0 | ISSUED FOR CONSTRUCTION | 29.08.19 | MKP | CK |

NORTH POINT:

CLIENT: LENNIUM GROUP PROJECTS 10 PTY LTD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SCALE BARS: 0 10 20 30m — SCALE 1:500 @ A1

PROJECT: PROPOSED DEVELOPMENT 54-64 NEMIES ROAD RUNCORN, QLD 4113

DRAWING TITLE: SEWERAGE LAYOUT PLAN

JOB No. 8231

DESIGNED: MKP | APPROVED: CALVIN KIRK | RPEQ No. 19536

DWG. No. C505 | REVISION 2

Jan 23, 2020 - 08:13am D:\JOB DATA\8231 - Nemeis Rd\4_Civil\3_C4D\2_Production Drawings\C505 Sewerage Layout Plan.dwg