

SITE PLAN: scale 1:500 @A1

LEGEND:

- PADMOUNTED TRANSFORMER.
- EXISTING PADMOUNTED TRANSFORMER.
- RING MAIN UNIT.
- EXISTING RING MAIN UNIT.
- PILLAR
- CROSS ROAD PILLAR
- LINK PILLAR
- EXISTING PILLAR
- SERVICE CONDUITS TO LOTS
- EARTH - PLACED AS SHOWN ON DRAWING
- STATION NUMBER
- STREET LIGHT
- EXISTING STREET LIGHT
- TRENCH/UNDERGROUND CONDUIT ROUTE WHERE 'XX' INDICATES SECTION DETAIL
- EXISTING UNDERGROUND CONDUITS
- ZERO LOT BOUNDARY
- DRIVEWAY ACCESS

CONSTRUCTION NOTES:

- STANDARD NOTES**
- CONDUIT DEPTHS, ALIGNMENTS AND TRENCHING DETAILS REFER UNDERGROUND CONSTRUCTION MANUAL TRENCHING DRAWING 5163. PROVIDE POLYMERIC CABLE PROTECTION COVER IN ACCORDANCE WITH CONSTRUCTION PRACTICES DRAWING 5124.
 - DEVELOPER TO SUPPLY AND INSTALL CONDUITS, LIGHTING FOUNDATIONS, MARKERS AND SITE FINISH.
 - DEVELOPER TO CONTACT ERGON FOR SITE AUDITS IN ACCORDANCE WITH RSC07.
 - LOCAL COUNCIL TO ACCEPT STREETLIGHTS AND POSITIONS.
 - ALTERATION TO DESIGN - ERGON ENERGY MUST BE CONTACTED ON 07 4432 8276 BEFORE PROCEEDING.
 - SPECIFICATIONS
THIS WORKS PLAN IS TO BE READ IN CONJUNCTION WITH THE FOLLOWING ERGON ENERGY MANUALS AND SPECIFICATIONS.
- RSC06 URD MAIN SPECIFICATION
- RSC07 URD CIVIL WORKS
- U/G CONSTRUCTION MANUAL
- LIGHTING CONSTRUCTION MANUAL
CONSUMERS INSTALLATION SHALL COMPLY WITH AS3000 2007 - SAA WIRING RULES
 - CIVIL WORKS CONSIST OF
- ALL TRENCHING
- ALL CONDUIT INSTALLATION
- ALL FOUNDATIONS FOR TRANSFORMERS
- OPENING UP AND BACKFILLING OF TRANSFORMER, RMU, PULLING PITS, PILLARS AND THE LIKE TO ALLOW FOR THE ELECTRICAL INSTALLATION.
- OPENING UP AND BACKFILLING OF REQUESTED LOCATIONS TO ENABLE ERGON INSPECTIONS.
 - ELECTRICAL WORKS CONSIST OF
- TRANSFORMER/RMU CONCRETE SURROUNDS
- ALL CABLING INSTALLATION
- LIGHT POLES, TRANSFORMERS, PILLARS AND THE LIKE
- SPECIAL NOTES**
- LIVE RETICULATION (CABLES, PILLARS AND HV SWITCHGEAR) EXIST IN THE VICINITY OF STATIONS 4, 5, 6, 18, 22 & 29. CONFIRM LOCATION OF ALL EXISTING INFRASTRUCTURE BEFORE DIGGING. CONNECTION TO THESE STATION NUMBER IS ERGON WORKS.
 - REQUIRES 6.0m x 3.0m SERVICES FREE ZONE FOR T/F 1 AND RMU 1 'NOTCHED' INTO THE ROAD RESERVE. CO-ORDINATE WITH SURVEYOR.
 - STREET LIGHT CABLES IN LV SCHEMATIC ARE NOT SHOWN. FOR MINOR STREET LIGHTS USE 4sqmm 2 CORE COPPER NEUTRAL SCREENED.
 - PROVIDE MARKER BALLS AT HV CABLE JOINT LOCATIONS AND HV SPARE CONDUIT ENDS AS PER ERGON'S STANDARD SPECIFICATION. ALSO PROVIDE ADDITIONAL MARKER BALLS AS DIRECTED BY ERGON AT PRESTART.
 - WHEN REQUIRED CONCRETE ENCASE CONDUITS IN ACCORDANCE WITH ERGON STANDARDS AS PER DRAWING 5017.
 - WHEN REQUIRED CONCRETE COVER CONDUITS IN ACCORDANCE WITH ERGON STANDARDS AS PER DRAWING 5016.
 - LINK PILLAR AT STATION 10 NORMALLY OPEN TO STATION 17.
 - STREET LIGHTING IS TO AS1158 CATEGORY P4.
 - ALL P-CATEGORY (MINOR) LIGHT POLES TO BE OFFSET 1.05m FROM THE BACK OF KERB TO CENTRE OF POLE FOUNDATION UNLESS OTHERWISE NOTED.
 - SUPPLY AND INSTALLATION OF TERMINATION POLE AT STATION 1 SHALL BE WORKS CARRIED OUT BY ERGON. COIL 15m OF CABLE BURIED AT THE BASE OF THE POLE FOR ERGON TO TERMINATE.
 - PROVIDE 3.0m ERGON EASEMENT AROUND HV CABLE ROUTE AND ERGON TERMINATION POLE.
 - OFFSET PILLAR TOWARD LOT 709 IN ACCORDANCE WITH ERGON STANDARD DRAWING 5196.
 - ENSURE CAUTION TAPE DEPTH IS STRICTLY IN ACCORDANCE WITH ERGON STANDARD DRAWING 5163: 350±50 BELOW FINISHED SURFACE FOR FOOTPATHS AND 500±50 FOR ROADWAYS.
 - ALL MEASUREMENTS ARE TAKEN FROM CAD DRAWINGS ENSURE SITE MEASUREMENTS OF ALL CABLE AND CONDUIT LENGTHS PRIOR TO ORDERING MATERIALS.

ON COMPLETION, MARK UP THIS PRINT CLEARLY WITH ALL FINAL CHANGES AND RETURN TO ASHBURNER FRANCIS

CHANGES Yes/No

CIVIL CONTRACTOR

COMPLETION DATE:

NAME:

SIGNATURE:

DATE:

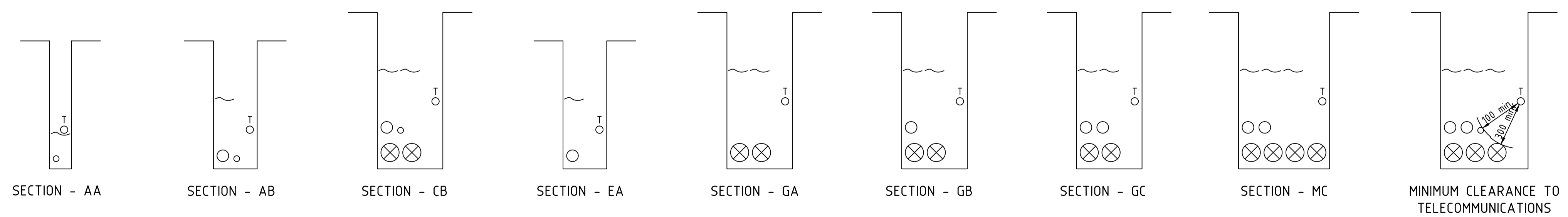
ELECTRICAL CONTRACTOR

COMPLETION DATE:

NAME:

SIGNATURE:

DATE:



TRENCH SECTION DETAILS: not to scale

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SCALE 1:500

no.	date	issue/amendment	init.
C	30/11/16	REVISED LAYOUT TO SUIT SEWER	MM
B	15/08/16	LOT 735 SPLIT	MM
A	11/07/16	ORIGINAL ISSUE	MM

client

ECONOMIC DEVELOPMENT QUEENSLAND

TRENCH SECTION DETAILS:
AA, AB, CB, EA, GA, GB, GC, MC

Ashburner Francis consulting engineers

ASHBURNER FRANCIS PTY LTD (A.B.N. 46 009 975 197)

TOWNSVILLE
501 Flinders Street, Townsville QLD 4810
t: (07) 4722 4333
e: townsv@ashburnerfrancis.com.au

BRISBANE
TOOWOOMBA
DARWIN
PERTH

project

THE VILLAGE STAGE 7A

location
OONOOBNA, TOWNSVILLE

ELECTRICAL SERVICES

title
URD AND STREET LIGHTING LAYOUT PLAN

date: JUL' 2016 scale: AS SHOWN @A1

designed: MM
drawn: MM
checked: TVH

CAD file name: 16-4-108 E01

1141571 E01 C
job no. sheet no. issue