| | | 1 | 2 | З | | 4 | | 5 | | 6 | 7 | 8 | | |
|---|----------------|---|---|--|---|--|-------------------------|--|---|---|--|------------------------|--|--|
| | NOTES: | | 2 | | | _ | | | | | | 0 | | |
| A | 1. 2. 3. | CONDUITS MUST BE IN ACCORDANCE WITH EVOENERGY'S P007335 TECHNICAL SPECIFICATION - ELECTRICAL CONDUIT AND FITTINGS CONDUITS / CABLES TO BE INSTALLED (INCLUDING BACKFILLING AND COMPACTION) MUST BE IN ACCORDANCE WITH EVOENERGY'S CIVIL WORKS MANUAL VOLUME 2. BEDDING OF SAND MUST BE MINIMUM OF 75mm DEPTH FROM ALL SIDES AND MUST BE EVOENERGY APPROVED BEDDING \$ ACCORDANCE WITH EVOENERGY'S P007330 TECHNICAL SPECIFICATION - QUARRY PRODUCT AND RAW MATERIALS. | | | | | | | | 17.1. LAUNCH AND LANDING ENDS. 17.2. PLANNED AND ACTUAL DEPTH. 17.3. DRILL PRESSURE AT EACH LOCATION. 17.4. DIRECTION OF BORE ALONG WITH LEFT/RIGHT CORRECTIONS. 17.5. DEVIATION FROM ALIGNMENT OR VERTICAL DEPTH GREATER 1 N 18. WAE DRAWINGS POSITIONAL ACCURACY REQUIREMENTS FOR HORIZONTALLY AND VERTICALLY WHERE RECORDS INCORPORATE | | | | |
| | 4. | POLYMERIC PROTE | CTION STRIP MUST OVERLAP C | ONDUITS / CABLES B | Y AT LEAST 4 | 0mm AND MUST BE | PLACED A | T LEAST 100mm A | BOVE | BE BETWEEN ± 5 19. WAE DRAWINGS | 0mm AND ± 100mm. MUST SPECIFY IF GPS OR RADIO FRE | EQUENCY TRACING N | | |
| В | 5. | ORANGE WARNING AND MUST COVER | TAPE MUST BE INSTALLED AT THE WIDTH OF THE TRENCH. | APPROXIMATELY 505 | STRIP | OR BORE LOG MUST ALSO BE INCLUDED. ELECTRONIC DETECTI 20. WAE DRAWINGS AND SURVEY PLANS ARE TO BE PROVIDE | | | | | | | | |
| | 6. | CONDUIT SPACERS MAINTAINED AS PE 'THE SPACER COM SPACING. EQUIVAL | TO BE USED AT MINIMUM 4m IN R THE DISTANCES NOMINATED PANY' CONDUIT SPACER SYST ENT SPACER SYSTEM MAY BE | ITERVALS FOR THE EN) IN THE APPLICABLE TEM. PART NUMBERS ALLOWED, SUBJECT T | ITIRE LENGTH TRENCH SECTI QB150-75, QE 0 EVOENERGY | TWEEN CONDUITS 5. EVOENERGY UTI 9. ACHIEVE APPLIC | TO BE LISES ABLE | ND PRIOR TO ANY CABLE BEING INST D CONTRACTOR SHALL VERIFY AND N. | 3EING INSTALLED. RIFY AND RECONCILE 'WAE' I | | | | | |
| | 7. | NOMINAL DEPTH O WHERE CABLES AR BE NOTIFIED WHER | F COVER FOR CONDUITS IS 750 E REQUIRED TO AVOID EXISTIN E THE DEPTH OF COVER CHAN | Omm AND 850mm FOR NG/PROPOSED OTHER IGES OUTSIDE THE RA | OCCUR IS TO N THE | 22. PLEASE REFER TO EVOENERGY'S P00677 ELECTRICAL SAFETY RULES I WORKING ON, NEAR OR IN THE VICINITY OF EVOENERGY'S TRANSMISS SURROUNDING REGION INTO WHICH EVOENERGY'S ELECTRICITY NETWOR 23. PLEASE REFER TO EVOENERGY'S P00718 REQUIREMENTS FOR WORK | | | | | | | | |
| | 8. | ALL FORMED POWER AND AUXILIARY CONDUIT BENDS USED IN THE MAIN CONDUIT BANK SHALL HAVE A MINIMUM BENDING | | | | | | | | FOR EXCAVATION | VATIONS/CONDUITING/CROSSING NEAR 132kV UNDERGE | | | |
| С | | UNLESS SPECIFIED CABLE PIT DRAWIN | OTHERWISE. IF 6.0m CANNOT B GS 394-021 TO 394-025. | BE ACHIEVED, A CABLE |), A CABLE HAULAGE PIT WILL BE REQUIRED | | | evoenergy's sui | TE OF | RELEVANT GOVE | RELEVANT GOVERNMENT DEPT. TO EITHER CONFIRM | | | |
| | 9. | BEFORE-YOU-DIG- INFORMATION PRO ALL SERVICES (INC | RE-YOU-DIG-AUSTRALIA INFORMATION MUST NOT BE OLDER THAN 20 BUSINESS DAYS AT THE TIME OF CONSTRUCTION. THE RMATION PROVIDED IN THE DESIGN MUST BE CHECKED ONSITE WITH THE MOST CURRENT INFORMATION ON THE CONFIGURATION OF SERVICES (INCLUDING EVOENERGY NETWORK), AND MUST BE VERIFIED IMMEDIATELY BEFORE COMMENCEMENT OF CONSTRUCTION. | | | | | | | METHOD PERFORMED BY SUITABLY PERIENCE OPERATORS. | SU DRAWING NO. | | | |
| | 10. | CONDUIT/CABLE M DRAWING 3832-018 | UST MAINTAIN MINIMUM SEP. | ARATION FROM OTHE | R SERVICES | AND UTILITIES IN | COMPLIAN | CE WITH EVOEN | ERGY | 26. ALL PE PIPE JOIN SMOOTH TO THE | NTS SHALL BE DE-BEADED & MADE INTERNAL AND EXTERNAL WALLS | 393-0 <mark>1</mark> 1 | | |
| | 11. | SPARE CONDUITS I APPROVED CAP MU | RE CONDUITS MUST BE CAPPED WITH AN EVOENERGY APPROVED CAP PRIOR TO COVERING THE CONDUIT WITH BEDDING SAND. THE ROVED CAP MUST FITTED SUCH THAT DISLODGMENT PRIOR TO CABLE INSTALLATION IS PREVENTED. OF EACH BORE WHERE POLYETHYLENE (PE) PIL | | | | | | | IALL BE INSTALLED AT THE END HERE POLYETHYLENE (PE) PIPE IS | 393-012 | | | |
| | 12. | ALL CONDUITS MUS FILAMENT ROPE (DI | DNDUITS MUST BE PROVIDED WITH A CONTINUOUS (UN-JOINED AND UN-DAMAGED) GENERAL-PURPOSE SYNTHETIC POLYPROPYLENE TO BE CONNECTED TO A PVC CONDUIT ENSURIN ENT ROPE (DRAW WIRE) OF MINIMUM 6mm DIAMETER. SMOOTH TRANSITION. | | | | | | | | D TO A PVC CONDUIT ENSURING A TION. | 393-013 | | |
| П | 13. | VISIBLE PERMANEN EVOENERGY OFFIC CABLE BY STAINLE ENGRAVED PLATE | IT SURFACE MARKERS MUST B ALS FOR PROJECT/SITE SPEC SS STEEL MUSHROOM HEAD S WITH THE WORDS "DANGER, EL | BE INSTALLED AT 3m CIFIC REASON. THE M. TRIKE ANCHOR. SUITA LECTRICAL CABLE". | NTERVALS AL ARKER SHOUL BLE MARKER (| ROUTE, IF REQUIRE ABOVE THE COND 55mm STAINLESS S | ED BY UIT / STEEL | 28. UNDER BORE PIP PLAIN ELECTRICA 1m BEFORE ENTE HAULAGE/JOINT | E (HDPE) MUST TRANSITION INTO AL CONDUIT (UPVC) FOR AT LEAST RING THROUGH CABLE PIT AS PER 394-024 TO ENSURE | 393-014 | | | | |
| | 14. | . A MINIMUM OF 48 HOURS NOTICE MUST BE PROVIDED TO EVOENERGY OFFICIALS TO ARRANGE THE CONDUIT INSPECTI BACKFILLING TRENCH. | | | | | | | | TO STRAIGHT & PARALLEL CABLE ENTRY. 29. CONSULTANT'S/CONTRACTOR'S POINT OF CONTACT 393-0 | | | | |
| | 15. | I5. EVERY CONDUIT LINE INSTALLED MUST BE MANDRELLED IN ACCORDANCE WITH P00793 CIVIL WORKS MANUAL VOLUME 2. TH CONTRACTOR SHALL NOTIFY THE RELEVANT EVOENERGY OFFICIALS OF ALL PROPOSED MANDRELLING 48 HOURS IN ADVANCE. | | | | | | | | SHALL BE EVOEN PROJECT MANAG | 393-016 | | | |
| | 16. | 16. IN CASE OF CONDUIT TRENCH, WAE DRAWINGS MUST BE SUBMITTED TO EVOENERGY RECORDING THE TRENCH PROFILE PLUS THE TRENCH CENTRELINE AND TOPMOST CONDUITS, MEASURED RELATIVE TO THE PROPERTY LINE AND LOCAL GROUND LEVEL. WHERE NO PROPERTY LINE IS AVAILABLE MEASUREMENTS MAY BE TAKEN FROM LOCAL SUBFACE FEATURES SUCH AS FENCES AND RUILDINGS (PROVIDING THE | | | | | | | | | | 393-017 | | |
| F | 16 | FEATURE IS GEO-R | , EFERENCED). MEASUREMENTS 1 ND EVERY 20M IN CONTINUOUS | TO BE TAKEN PRIOR TO | O BACKFILLING | ā ARE: | | | | | | DRAWING NO. S | | |
| | 16. 16. | 16.2. START/END AND EVERT 2011 IN CONTINUOUS INTERVALS. 16.2. START/END, MIDPOINT AND PROPERTY LINE CROSSING OF EVERY BEND. | | | | | | | | | | 394-021 | | |
| | 16. 16. | 4. CHANGE IN TR | ENCH PROFILE. | | | | | | DODE | ○ ELECIRI | CAL CABLE | 394-022 | | |
| | 17. | CENTRELINE, MEAS | R BURE, WAE DRAWINGS MU SURED RELATIVE TO THE PRO | DERTY LINE AND LO | CAL GROUND | LEVEL. WHERE NO | PROPERT | Y LINE IS AVAIL. | ABLE, | | | 394-023 | | |
| | | GEO-REFERENCED). | MEASUREMENTS TO BE TAKEN | N PRIOR TO BACKFILLIN | NG ENTRY AND | DEXIT PITS: | JS (PRUV | IDING THE FEATO | KE IS | SAMPLE SURFACE M | 1ARKER (SEE 393-017, NOTE 13) | 394-024 394-025 | | |
| | | | | | | | Drawn: J. | Ryan | Designed: N. | Azizi | evoener | ġy | | |
| | | | | | Checked: J. Primmer 24/09/2024 CABLE TRENCH DR | | | | | | CABLE TRENCH DRA | WING NOTES | | |
| F | | | | | | | Approved: | N. Azizi | | 24/09/2024 FOR SUITE OF DRA | | | | |
| F | No | lo Revision The information contained within this drawing & accordated electronic file of | | | ate Checked Approved | | | u. | d by the ACT Foul- | vironment & Sustainable | | 3-016 | | |
| | | not be copied or | used for any other purpose without express | written permission from Evoene | rgy. • Evoenerg | gy. 2018. | Develop | ment Directorate. | | • ACT Gov. 2018. | | | | |
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| | | 9 | 10 | | | | | | |
|--|--|--|----|--|--|--|--|--|--|
| 100m: H UNDERGROUND AND SURFACE ASSETS SHALL BE 100mm DLUTE SPATIAL MEASUREMENTS POSITIONAL ACCURACY SHOULD | | | | | | | | | |
| NOT BE USED FOR OBTAINING ACCURATE DEPTH INFORMATION. DAYS OF THE COMPLETION OF EACH MAJOR CONDUIT SECTION RECORDS ON COMPLETION OF EACH MAJOR STAGE OF WORK OR OR SAFE WORKING REQUIREMENTS AND MINIMUM STANDARDS FOR ON AND DISTRIBUTION NETWORK FACILITIES WITH THE ACT AND EXTENDS. ND OTHER ACTIVITIES WITHIN SUBTRANSMISSION RESERVATIONS AND OVERHEAD LINES. | | | | | | | | | |
| ECT OFFIC NEGOTIAT IITE OF C SHEET N 1 2 | | A PROJECT MANAGER MUST CONSULT WITH THE N ALTERNATIVE ALIGNMENT. BLE TRENCH DRAWINGS TABLE DESCRIPTION SHARED TRENCH AND ELECTRICAL PIT DETAILS FOR URD WITH GAS SHARED TRENCH AND ELECTRICAL PIT DETAILS FOR URD WITHOUT GAS | | | | | | | |
| 3 4 5 6 7 | | DEDICATED ELECTRICAL OPEN TRENCH DETAILS 3, 4 & 6 WAY CONDUIT CROSS SECTIONS DEDICATED ELECTRICAL UNDER BORE DETAILS 2, 3, 4 & 6 WAY CONDUIT CROSS SECTIONS DEDICATED ELECTRICAL OPEN TRNECH FOR DIRECT BURIED CABLES, CONDUITED SERVICE CABLES AND ROAD CROSSINGS ELECTRICAL CONDUIT REQUIREMENTS IN BRIDGE STRUCTURES FOR CABLES <12KV CABLE TRENCH DRAWING NOTES | | | | | | | |
| SUITE C BHEET NO 1 2 3 4 | DF C | CABLE PIT DRAWINGS TABLE DESCRIPTION CABLE HAULAGE PIT (FORMED CONCRETE) CABLE HAULAGE & JOINT PIT (FORMED CONCRETE) CABLE HAULAGE & JOINT PIT EXCAVATION DETAILS (NATURAL GROUND) CABLE HAULAGE & JOINT PIT (NATURAL GROUND) | | | | | | | |
| 5 Scai NT Wor Sta | 5 CABLE HAULAGE & JOINT PIT DRAWING NOTES Scale: Date: 24/09/2024 Sheet No: 7 OF 7 Work Pack No: File: 7 OF 7 Status: CUΓΓΕΠ† A3 393-017 Rev | | | | | | | | |
| 9 10 | | | | | | | | | |