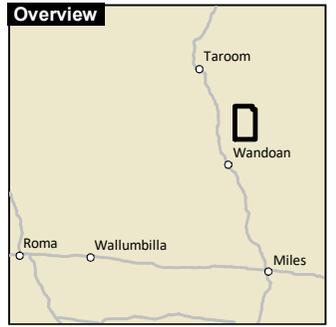


Certain information in this map is provided under license from third parties and is subject to intellectual property rights. Santos has made every effort to ensure that information is accurate and up-to-date but does not guarantee or warrant the accuracy, completeness or currency of, and takes no responsibility for any error or omission relating to, this map. Santos and its related bodies corporate accept no responsibility for any errors or omissions. The "User" acknowledges that information and maps are in a constant state of change and accepts all limitations. To the maximum extent permitted by law, Santos and its related bodies corporate will not be liable for any cost, loss or damage arising out of the use of this map.



- Legend**
- Flowline - Gas; Water; Powerline - Underground
 - Property boundary
 - Cadastral parcel
 - Surat Basin Infrastructure Corridor State Development Area (SBICSDA)
 - Santos Tenement

PLANS AND DOCUMENTS referred to in the SDA APPROVAL

SDA approval: AP2025/001

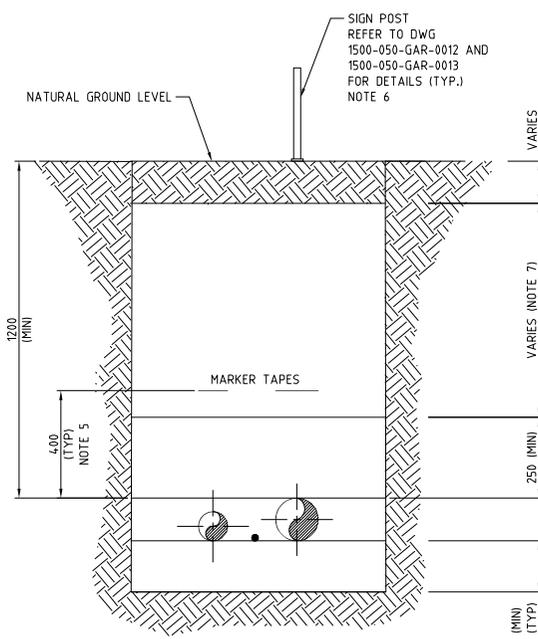
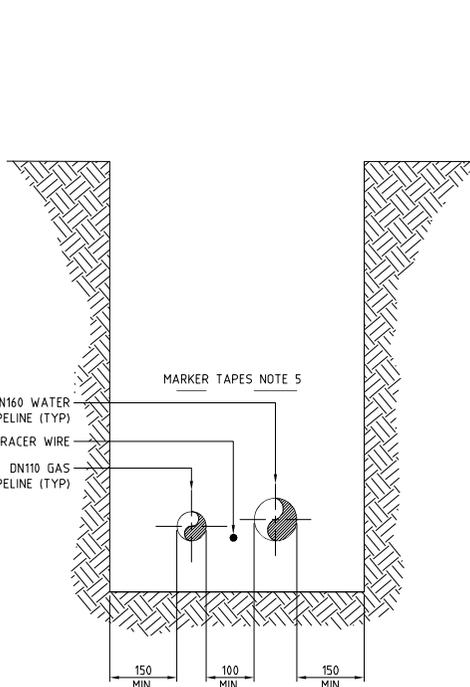
Eastern Queensland

Scotia

SBICSDA Crossing & Intersection Points

Scale 1:75,000

Rev 1
Date: 1/04/2025 File No. SCOTIA 201.WOR



LAYER	MATERIAL	REF NOTE
TOP SOIL	ORIGINAL MATERIAL OR IMPORTED MATERIAL OF EQUAL QUALITY	9
BACKFILL	RESTORE TO ORIGINAL CONDITION USING EXCAVATED MATERIAL WITH: - ROCK TO 150mm - CLAY TO 100mm ROCK BACKFILL SHALL ONLY BE USED WHERE THERE IS SUFFICIENT SOFT SPOIL TO FILL THE VOIDS BETWEEN THE ROCK PIECES.	8
PADDING	MATERIALS EXCAVATED FROM TRENCH, FREE OF ROCKS OR STONES THAT MAY DAMAGE THE PIPE OR CABLES AND COMPLYING TO THE BELOW:	8
PADDING	NO VOIDS ARE TO BE LEFT UNDER OR AROUND THE PIPE.	8
BEDDING	MATERIAL AS ABOVE. SAND BAGS TO BE USED AS REQUIRED TO PREVENT DAMAGE TO PIPES AND CABLES, SUCH AS WHEN INSTALLED IN A ROCK CUT.	8

- NOTES:**
- ALL DIMENSIONS IN mm.
 - PIPELINE CONSTRUCTION INCLUDING TRENCHING INSTALLATION, BACKFILL AND COMPACTION TO COMPLY WITH APGA CODE OF PRACTICE AND SANTOS EXCAVATION PROCEDURES SMS-HSS-0502-PD02.
 - ARRANGEMENT SHOWN IS TYPICAL, ALTERNATE TRENCH ARRANGEMENTS MAY BE INSTALLED, PROVIDED THEY MEET THE SEPARATION REQUIREMENTS SPECIFIED IN 1500-040-SEC-0001.
 - ORDER OF PREFERENCE FOR INCREASED SEPARATION DISTANCE BETWEEN SERVICES:
- POWER CABLE AND OTHER SERVICES
- PIPELINE AND TRENCH WALL
- PIPELINES
 - MARKER TAPE DESIGN SHALL COMPLY WITH AS 2648 REQUIREMENTS, TO BE INSTALLED AT:
- NO LESS THAN 400mm ABOVE THE PIPE/CABLE TO A MAXIMUM OF 900mm ABOVE THE PIPE/CABLE.
- NO LESS THAN 300mm BELOW GRADE.
 - MARKER SIGNS ARE TO BE INSTALLED AT INTERVALS COMPLYING WITH APGA CODE OF PRACTICE.
 - DEPTH OF BACKFILL TO BE SITE DETERMINED BASED ON DEPTH OF TOP SOIL AND DEPTH OF COVER.
 - BACKFILL SHALL BE PLACED AND COMPACTED IN SUCH A WAY THAT ENSURES NO DAMAGE IS DONE TO THE PIPES OR CABLES AND NO VOIDS ARE LEFT AROUND THE PIPE.
 - BACKFILL SHALL BE COMPACTED MECHANICALLY OR BY 3 PASSES OF A 5 TONNE VEHICLE, ROLLING TO A DENSITY THAT ACHIEVES SETTLEMENT IN THE TRENCH THAT DOES NOT RESULT IN THE SURFACE OVER THE TRENCH SUBSIDING.
 - GATHERING NETWORK CONSTRUCTION TO BE UNDERTAKEN PRIOR TO CONSTRUCTION OF THE PROPOSED RAILWAY CROSSING
 - THE PIPELINE SHALL BE INSTALLED LEVEL AND STRAIGHT ACROSS THE RAILWAY EASEMENT SHOWN. CROSSING ANGLE TO BE AS PER ALIGNMENT SHEETS AND AT 90 DEGREES +/- 5 DEGREES.
 - METHOD OF CONSTRUCTION FOR THE PROPOSED RAILWAY CROSSING SHALL BE OPEN TRENCH AS PER SANTOS APPROVED PROCEDURES.
 - THE PURPOSE OF THIS DRAWING IS ONLY TO SHOW THE EXTENT OF THE CROSSING BETWEEN THE GATHERING AND PROPOSED RAILWAY EASEMENT. IT IS NOT ENGINEERED AS A PROPER RAILWAY CROSSING. THE GATHERING SECTION THAT FALLS WITHIN THE BOUNDS OF THE RAILWAY EASEMENT SHALL BE BUILT IN ACCORDANCE WITH AS4799 AND QUEENSLAND RAIL'S STANDARDS SHOULD THE RAILWAY BE APPROVED.



HOLD:

- PENDING PIPELINE KEY PLAN DOCUMENT NUMBERS.

PLANS AND DOCUMENTS referred to in the **SDA APPROVAL**

SDA approval: AP2025/001

No	DATE	DRN	CHKD	ENG	SANTOS Q.A.	PROJ NO.	RE NAME	RE NO.	RE COMPANY	DESCRIPTION	DRG No.	SUBJECT
A	13/02/25	FYF	ZMB	GZU		600134798	G.UJVARI	10116	FYFE	ISSUED FOR INFORMATION	1691-050-PKP-XXXX - HOLD 1	PIPELINE KEY PLAN
<p>REVISIONS</p> <p>REFERENCE DRAWINGS</p>												

DRN: FYF SANTOS Q.A.:
 DATE: 13/02/25 PROJ NO.: 600134798
 SCALE: NTS RE NAME: G.UJVARI
 CHKD: ZMB RE NO.: 10116
 ENG: GZU RE COMPANY: FYFE

AREA 1691 - SCOTIA FIELDS
 SBIC SDA CROSSING - KELSALL
 SERVICE LAYOUT DRAWING
 OPEN TRENCH - SC91-188b PROPOSED RAILWAY CROSSING

Santos GLNG DRAWING No. 1691-040-LAY-0011 REV A

A.B.N. 12 131 271 648 AREA 1691 - SBIC SDA CROSSING - AVALON - SERVICE LAYOUT DRAWING A1SHEIT

© COPYRIGHT THIS DRAWING CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM SANTOS GLNG PTY LTD.

CABLE No. - 189F-140-LAY-001_A4.dwg

