

**IDENTIFICATION OF HISTORIC HERITAGE
ITEMS**

NORTHERN PIPELINE INTERCONNECTOR

STAGE 2

**For
Northern Network Alliance**

**January, 2008
Report Reference JD354**

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1.0 INTRODUCTION

This report presents the results of a survey for historic cultural heritage items within or immediately adjacent to the construction corridor of the Northern Pipeline Interconnector (NPI), Stage 2, from Eudlo north to Lake McDonald, including a spur line from Nambour to Image Flat Water Treatment Plant (WTP), Southeast Queensland. The identification was undertaken by Su Davies (Davies Heritage Consultants Pty Ltd) for the client, Northern Network Alliance (NNA).

2.0 SCOPE OF THE STUDY

Based on information from the client, the study aims included a site inspection, impact assessment and preliminary significance assessment of historic items within or immediately adjacent to the alignment of NPI Stage 2.

3.0 THE PROPOSED DEVELOPMENT

The NPI is a drought contingency project that will supply up to or exceeding 65 ML/d of potable water from the Sunshine Coast to Brisbane. To be undertaken in two stages, the NPI will also link existing and potential future water supplies to feed into the SEQ water grid. The NPI has a regulated completion date of 31 December 2008.

Stage 1 of the NPI extends south from Landers Shute Water Treatment Plant near Eudlo to feed into the Brisbane system via the Morayfield reservoirs.

Stage 2 of the NPI involves the construction of a pipeline from Lake McDonald to the termination point for Stage 1 of the NPI near Eudlo. The project is necessary to augment water supplies transported in Stage 1. The piped water for Stage 2 will be treated at Image Flat WTP.

Stage 2 not only includes the construction of a pipeline from the Image Flat WTP to the main line near Duhs Road, Nambour, but also three pump stations and one balance tank. The pump stations and balance tank are required to facilitate the transfer of water to Stage 1.

4.0 THE STUDY AREA

The Study Area extends north from Nobels Road (in the vicinity of Eudlo) to Lake McDonald and includes an alignment which extends west from the vicinity of Image Flat and Duhs Road, Nambour to the Impage Flat WTP. The Study Area is located within the bounds of the Maroochy and Noosa Shire Councils. With the exception of several small sections, the majority of the alignment is located within existing easements, primarily electricity easements.

5.0 BACKGROUND RESEARCH

NNA provided the results of searches of the Queensland Heritage Register and registers held by local government agencies (e.g. Noosa and Maroochy Shire Councils). They also contacted Cooroy-Noosa Genealogical & Historical Research Group Inc., Eumundi and District Historical Society and Yandina and District Historical Society Inc, to certain whether heritage items were within or immediately adjacent to the alignment. Responses from these groups indicated that they are not aware of any historic items within the proposed NPI alignment.

No items on the Queensland Heritage Register are within the NPI alignment; however three are within the vicinity of the alignment:

- Koongalba, Nambour. This item is to the east of the Nambour North Connection Road; the NPI alignment is located to the west of this road. As the alignment is around 500m west of this item it is not under threat of impact further discussion is not necessary;
- Moreton Central Sugar Mill, Nambour. This item is located more than 700m to the west of the NPI alignment and as it is not under threat of impact further discussion is not necessary; and
- Sunny Brae Private Hospital, Eumundi. This item is located on the opposite side of the Bruce Highway to the NPI alignment and as it is not under threat of impact further discussion is not necessary.

The Noosa Shire Council advised that the NPI alignment does not impact upon any historical heritage sites listed in their planning scheme.

The Maroochy Shire Council advised that the pipeline route was assessed against the known properties listed in the Heritage Citations 2006 and the Maroochy Plan 2000, Council's planning scheme. One area was identified:

- Yandina Township – MP2K Townscape Precinct (see Section 6, Item 4). The Maroochy Plan 2000 notes:

The community also values areas having townscape or streetscape significance. While such areas may not otherwise qualify as places of cultural heritage significance, they contribute to an appreciation of the particular qualities that make one place different to another and provide a meaningful link with the historical development of those qualities. Such qualities may be the result of the types of buildings, the street pattern, plantings, fence types, the distribution of buildings along streets, and architectural features such as shop-fronts with leadlight transoms. Places of townscape significance include:

- (i) all buildings within the Shire which were built before 1945 (whether or not the place has been modified) or;

- (ii) All land (other than road reserves) within the Village Centre Precinct.

6.0 INSPECTION RESULTS

The inspection of the study area was undertaken on Thursday 24th January, 2008, by Su Davies (Davies Heritage Consultants Pty Ltd), Benny Alcorn (Local Historian) and Rubina Smith (NNA).

A total of 10 items of historic interest were identified during the inspection. **Table 1** lists the items identified either within or immediately adjacent to the NPI alignment and provides the number of the NPI map on which they are located. Discussion in relation to these items is provided below.

Table 1. Identified Items

| ITEM No | NPI MAP No | DESCRIPTION |
|---------|------------|--|
| 1 | B3a | Daniel Morcombe Memorial |
| 2 | B5c | Nambour Showgrounds |
| 3 | B6a | House, 45 Creightons Road, Kulangoor |
| 4 | B6a/B7 | Townscape Precinct, Yandina |
| 5 | B7 | House, Brandons Road, Yandina |
| 6 | B7 | House, 173 Lees Road, Bridges |
| 7 | B8 | House, 391 Bunya Road, North Arm |
| 8 | B9 | Eumundi Cemetery |
| 9 | B10 | House, Cnr Neeraway Road and Strong Lane, Eerwah |
| 10 | B5a | House, 320 Image Flat Road, Nambour |

• **Item 1 – Daniel Morcombe Memorial**

Daniel Morcombe was abducted from this location. A Memorial to Daniel Morcombe is located under the overpass on the northern side of the Nambour Connection Road. This location is within the proposed NPI alignment (see **Figure 1**).

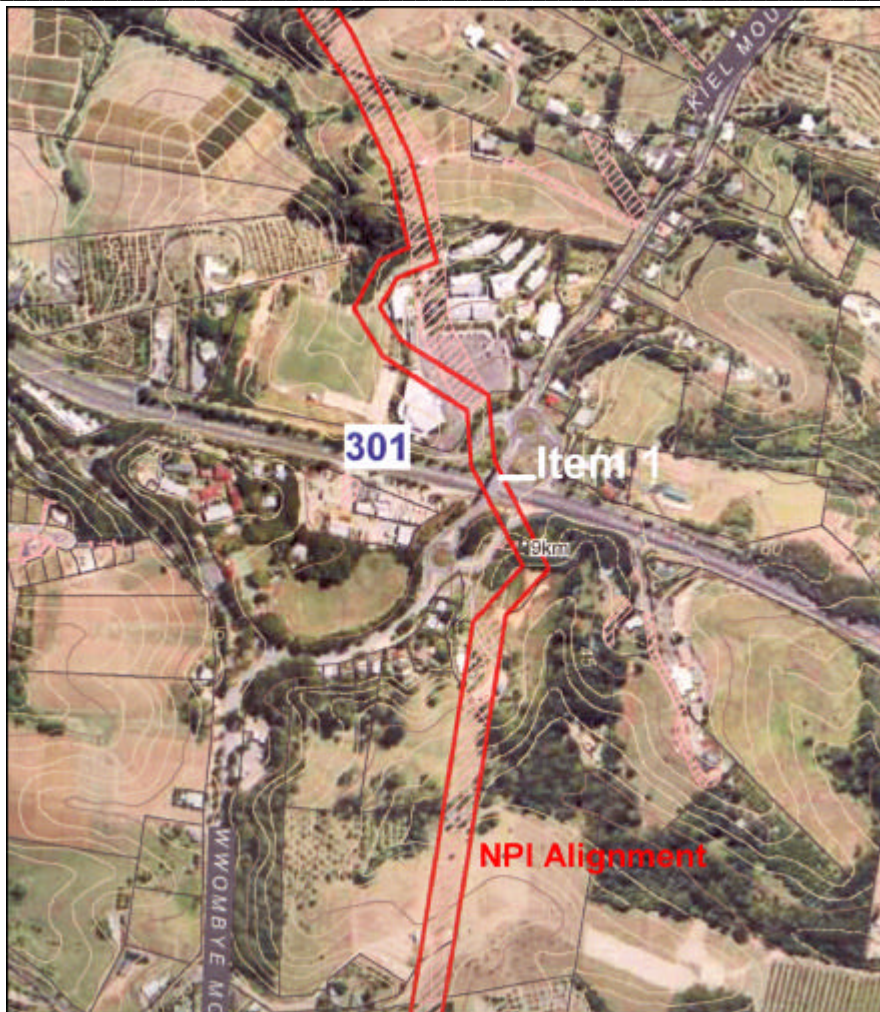


Figure 1. Location of Item 1. NPI Stage 2 Aerial Map B3a dated 16th January, 2008, Rev C (Northern Network Alliance 2008).

• **Item 2 – Nambour Showgrounds**

The Nambour Showgrounds are located on the southeastern side of the corner of Bli Bli Road and the Nambour Connection Road. The NPI alignment is located within and around the eastern and northern boundary of the showgrounds property (see **Figure 2**).

The following information has been summarized from Benny Alcorn (2006):

Prior to 1909 the land which ultimately became the Nambour Recreation and Showground Reserve was used as a racecourse. Social cricket and possibly rugby league games were also played at this location. On 4 May 1909 the land was transferred from private ownership to become Crown land gazetted as the Nambour Recreation and Showground Reserve. The first show was scheduled for June 1909. Timber was cleared from the grounds, the ring was leveled and fenced while facilities were erected including a pavilion. In 1931 the pavilion was replaced with a larger building. In 1947, after the army's occupation of the buildings and grounds during the latter stages of World War II, the pavilion was renovated. Over time other improvements have been added as the

exhibits and attendance increased. These improvements include the development of two additional ovals, horse stalls, cattle pavilion, stock and rodeo yards, grandstand complex and catering hall, etc. In 1970 the acquisition of five acres of land on the eastern side of the grounds increased the area of land. This was used to provide an area for cattle and ponies. It would seem that at least two historic buildings have been moved to the site including a school building and a school principal's house from Kybong. A number of the buildings have also been named to honour the people who made a considerable contribution to the organizing of the shows.

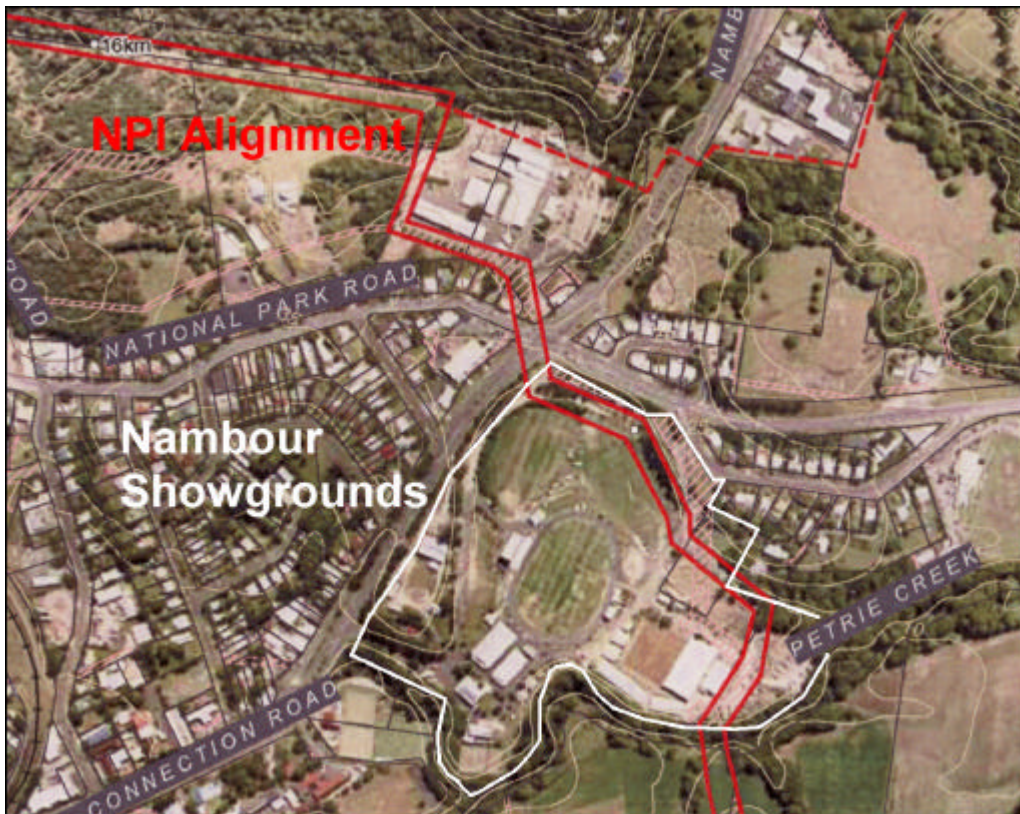


Figure 2. Location of Item 2. NPI Stage 2 Aerial Map B5c dated 16th January, 2008, Rev C (Northern Network Alliance 2008).

• **Item 3 - House, 45 Creightons Road, Kulangoor**

This house, which is located on Lot 1 RP137358, is owned by Ian and Sylvia Grevett. The NPI alignment is located to the immediate west of the house within the far western portion of Lot 1 (see **Figure 3**). The house is a wooden structure which has been altered by additions over time. Mr Grevett advised that the house was the first built along Creightons Road. The house was built in 1950 by the father of Theresa Creighton for Theresa and her husband Harold Creighton (Blyth 2003:39). The Creightons sold the house in the early 1960s (Blyth 2003:39). Plantings in front of the house are recent.



Figure 3. Location of Item 3. NPI Stage 2 Aerial Map B6a dated 16th January, 2008, Rev C (Northern Network Alliance 2008).

• **Item 4 - Townscape Precinct, Yandina**

After the NPI alignment crosses the South Maroochy River it heads north along Lacey Lane and then Buckle Street, Yandina. Buckle Street, Yandina, is within the Yandina Townscape Precinct. It was named after the Reverend Joseph Buckle (1930-1912) (Blyth 2003:22). As noted in Section 5.0, Yandina Townscape Precinct is listed on the Maroochy Shire Council Heritage Citations 2006 and the Maroochy Plan 2000, Council's planning scheme (see **Figure 4**). The Townscape Precinct which has community values includes all land other than road reserves within the Precinct. However, the street pattern, plantings and fence types, etc. are included within the citation.

The house on the corner of Buckle and North Streets (27 North Street) is also listed on the Maroochy Shire Council's Heritage Citations 2006 (see **Figure 4**).

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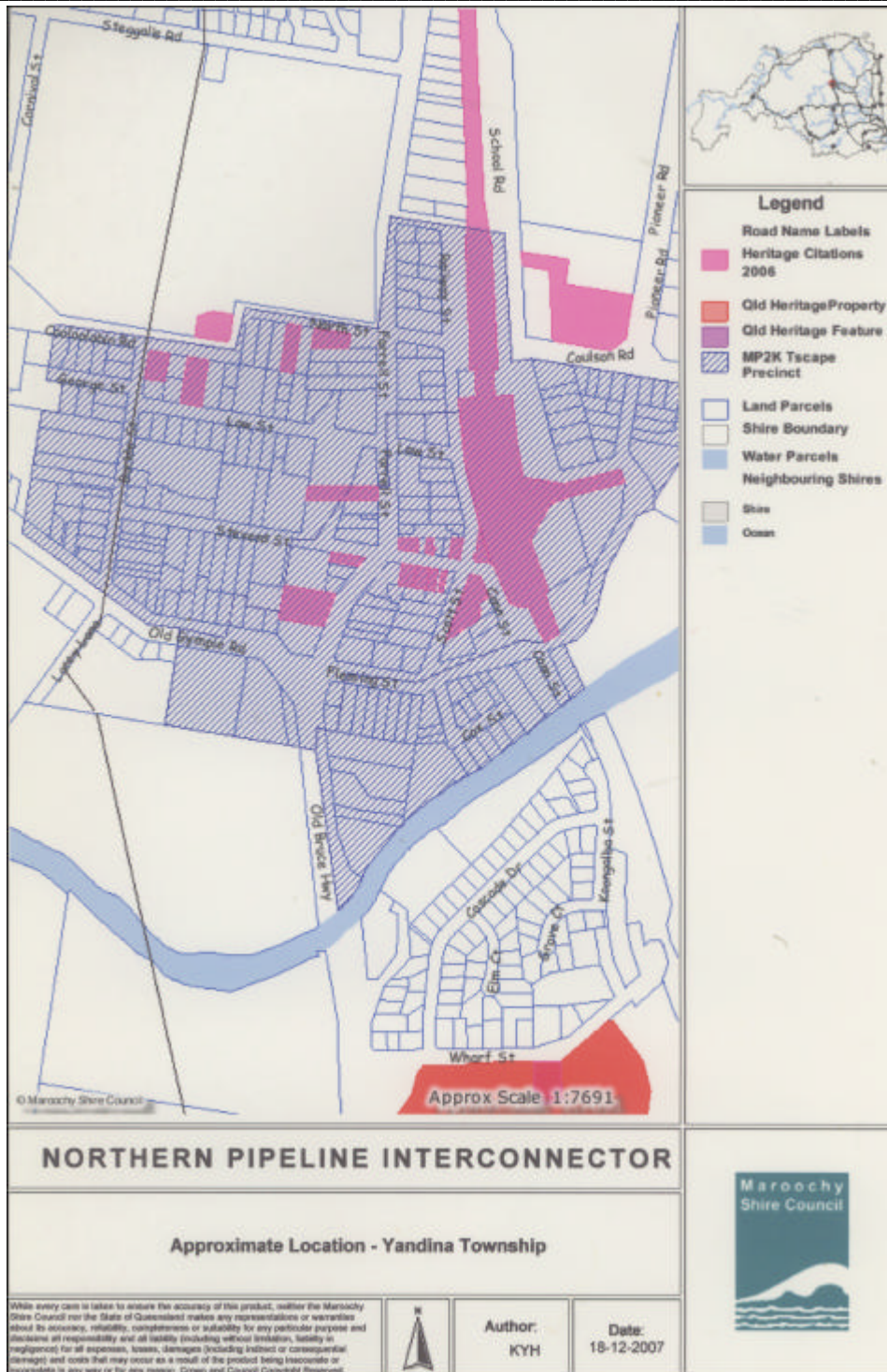


Figure 4. Townscape Precinct, Yandina (Maroochy Shire Council)

• **Item 5 - House, Brandons Road, Yandina**

This house, which is located on Lot 1 CG3849, is owned by Laurel Garland Fay Sommerfeld. Although the NPI alignment is located to the immediate west of the house two sheds are located within the alignment (see **Figure 5**). Laurel Sommerfeld advised that the house which is the oldest in the district was built 107 years ago by Sommer. Blyth (2003:18) notes that the property is part of an original selection by Johann Sommer in 1882: “A formal entrance of camphor laurel and bunya trees line the driveway from the lane (Brandons Road) to the farmhouse, “Rose-mere”, that was established by Mr and Mrs Johann Sommer in 1891-1892”. If these dates are correct the house is more likely to be around 117 years old. One of the sheds in the alignment is also the same age as the house the other shed was erected in the 1960s. Old plantings which surround the house and sheds are also associated with settlement of this lot. The Blandford family owned the property from 1933 to 1941 (Blyth (2003:19). The Brandon’s appear to have purchased the property in 1941. Blyth (2003:20) notes that “a plaque has been placed on a massive old camphor laurel naming the three families who made the farm on Brandon’s Road their home”.

Laurel Sommerfeld also advised that they did not want the pipeline to go through their property particularly so close to house and sheds. They also regard their cane lands has having cultural heritage value. Other members of community also expressed concern in relation to the closeness of the pipeline easement to this house / shed.



Figure 5. Location of Item 5. NPI Stage 2 Aerial Map B7 dated 16th January, 2008, Rev C (Northern Network Alliance 2008).

- **Item 6 -173 Lees Road, Bridges**

This house, which is located on Lot 3 CG6223, has been owned by Rhonda and Victor Flatt since 1963. It was originally constructed in 1911 by Sommer who also constructed the house on Lot 1 CG3849 which is owned by Laurel Garland Fay Sommerfeld (see Item 5). The NPI alignment is located to the east of the house (see **Figure 6**).

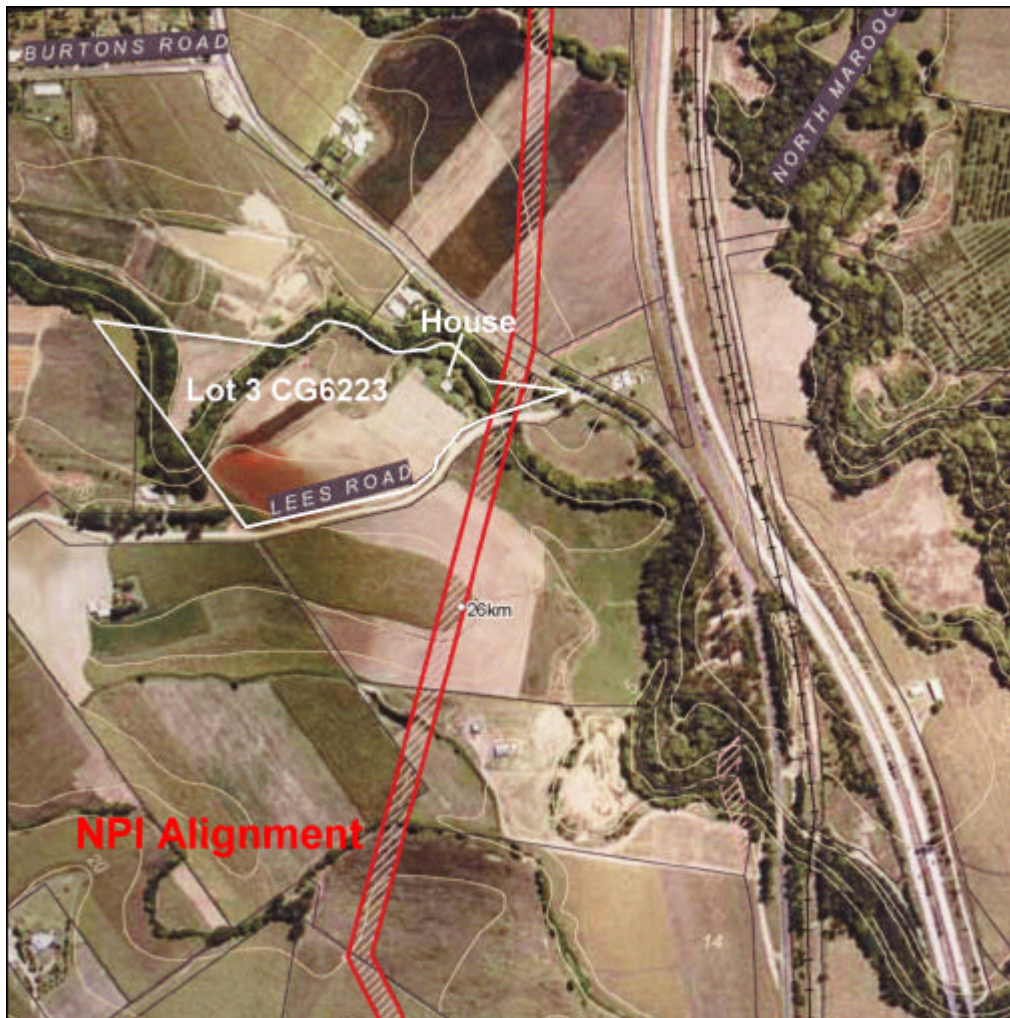


Figure 6. Location of Item 6. NPI Stage 2 Aerial Map B7 dated 16th January, 2008, Rev C (Northern Network Alliance 2008).

- **Item 7 - House, 391 Bunya Road, North Arm**

The house at 391 Bunya Road is located on Lot 2 SP127417 (see **Figure 7**). This house which is owned by Kenneth Michael Dellit was built by Mr Dellit's grandfather around 100 years ago. Blyth (2003:40) notes that the Henry Dellit purchased the property in 1906. This particular house is located to the immediate east of the NPI alignment; another house which was constructed in the 1960s is located to the immediate west of the alignment. A shed constructed in the recent past is located adjacent and to the west of the alignment.

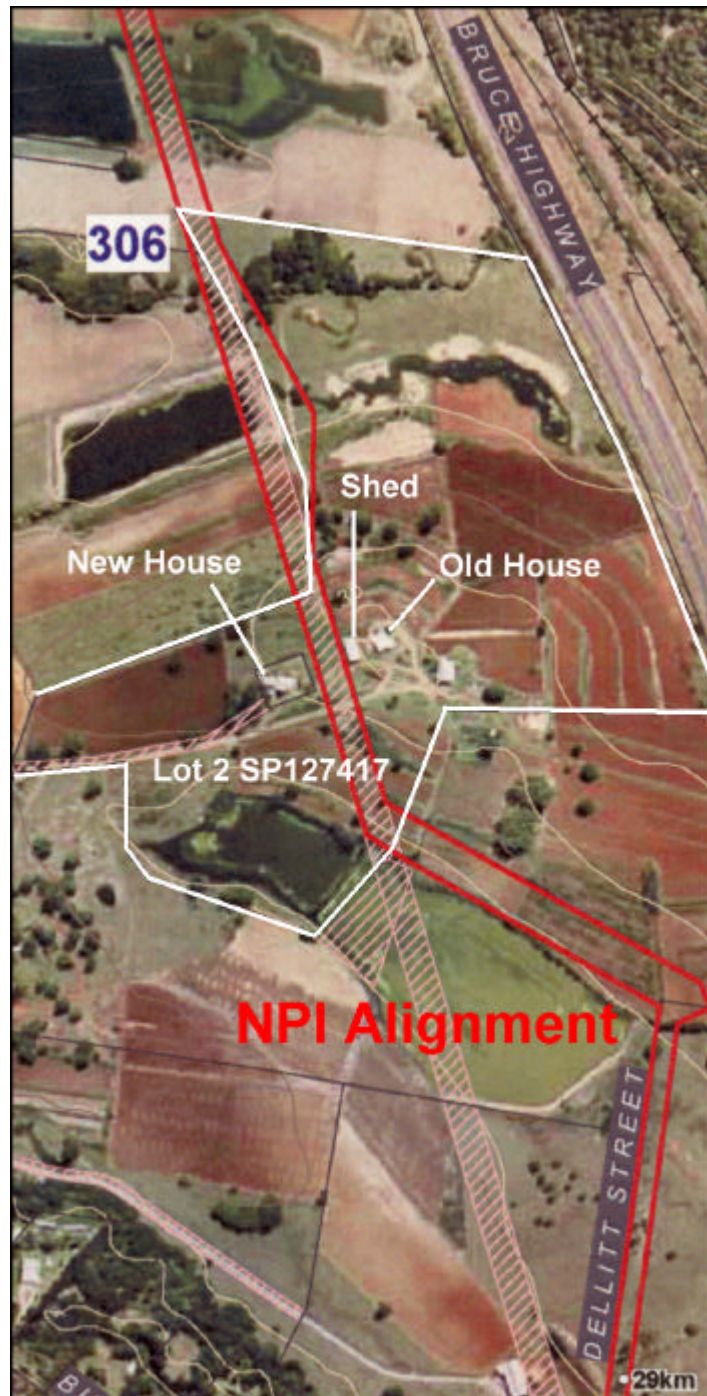


Figure 7. Location of Item 7. NPI Stage 2 Aerial Map B8 dated 16th January, 2008, Rev C (Northern Network Alliance 2008).

- **Item 8 - Eumundi Cemetery**

The Eumundi Cemetery which is located on the corner of Bunya Road and Golden Rain Lane is to the west of the NPI alignment (**Figure 8**). This Cemetery was gazetted in 1903 and the first known recorded burial was in 1906.



Figure 8. Location of Item 8. NPI Stage 2 Aerial Map B9 dated 16th January, 2008, Rev C (Northern Network Alliance 2008).

- **Item 9 - House, Cnr Neeraway Road and Strong Lane, Eerwah Vale**

The house is located on Lot 3 SP127428 (see **Figure 9**). The house is located immediately adjacent to the NPI alignment. This house which is pre 1940s style has been owned by Angela Manuela and Joseph Victor Vella since 1980. As they are unaware of the age or history of the house the Eumundi Historical Society was contacted for information; they advised that they are not aware of any significant items within the NPI alignment. Hence, it is unlikely that Item 9 has local significance values.



Figure 9. Location of Item 9. NPI Stage 2 Aerial Map B10 dated 16th January, 2008, Rev C (Northern Network Alliance 2008).

Item 10 - House, 320 Image Flat Road, Nambour

The house which is an old timber construction is on a property that is not within the NPI alignment (see **Figure 10**). As impacts to this house will not occur, further information was not sought.



Figure 10. Location of Item 10. NPI Stage 2 Aerial Map B10 dated 29th January, 2008, Rev C (Northern Network Alliance 2008).

7.0 SIGNIFICANCE ASSESSMENT

The *Queensland Heritage Act 1992* (QHA) is the basis for the cultural heritage assessment of historic values of the items within the NPI alignment. Note that the assessment of the ten items is preliminary at this stage; a full assessment (including detailed background research) will be undertaken if avoidance of impacts cannot be achieved for any item.

Cultural significance of a place or an object is defined in the QHA to mean 'its aesthetic, historic, scientific or social significance, or other special value, to the present community and future generations'. These values may be enhanced by the qualities of representativeness and rarity. A place must be of State-level significance and meet at least one of following eight significance criteria to be eligible for entry in the Register.

Criterion A: the place is important in demonstrating the evolution of pattern of Queensland's history.

Criterion B: the place demonstrates rare, uncommon or endangered aspects of Queensland's cultural heritage.

Criterion C: the place has potential to yield information that will contribute to an understanding of Queensland's history.

Criterion D: the place is important in demonstrating the principle characteristics of a particular class of cultural places.

Criterion E: the place is important in exhibiting particular aesthetic characteristics valued by the community of a particular cultural group.

Criterion F: the place is important in demonstrating a high degree of creative or technical achievement at a particular period.

Criterion G: the place has a strong or special association with a particular community or cultural group for social, cultural or spiritual reasons.

Criterion H: the place has special association with the life or work of a particular person, group or organisation of importance in Queensland's history.

These criteria are founded on five cultural heritage values:

- **Aesthetic significance**

Sensual qualities that can be judged on beauty, picturesqueness, evocativeness, expressiveness, landmark presence, symbolism or some other quality of nature or human endeavour.

- **Architectural significance**

The principal characteristics of architectural planning, design, style, decorative detailing, or construction technique of a particular class of cultural places; or innovation or extrapolation in these.

- **Historical significance**

Events, people, organisations, phases, movements, processes, activities or ways of life that have made a noticeable contribution to the evolution of our society or environment.

- **Scientific significance**

The potential to reveal, upon further examination of the place and/or their associated documentary materials and artifacts, information that contributes significantly to our understanding of Queensland's past.

- **Social significance**

Perceived meaning or symbolic, spiritual or moral value that is important to a particular community or cultural group and that generates a strong attachment.

• **Technological significance**

Technological excellence, innovation, accomplishment, extension or creative adaptation at a particular period in the fields of architecture, engineering, industrial or scientific design, construction, manufacture, craftsmanship or other technical field.

7.1 Preliminary Significance Assessment of Identified Items

The preliminary significance assessment of the items within and adjacent to the NPI alignment was undertaken using the eight criteria listed above in Section 8.0 (see **Table 2**).

Table 2. Preliminary Significance Assessment

| ITEM No. | CRITERIA | | | | | | | |
|----------|----------|---|---|---|---|---|---|---|
| | a | b | c | d | e | f | g | h |
| 1 | - | - | - | - | - | - | Y | - |
| 2 | Y | - | - | Y | - | - | Y | - |
| 3 | - | - | - | - | - | - | - | - |
| 4 | Y | - | - | - | - | - | Y | - |
| 5 | - | - | - | - | - | - | Y | - |
| 6 | - | - | - | - | - | - | Y | - |
| 7 | - | - | - | - | - | - | - | - |
| 8 | Y | - | - | Y | - | - | Y | - |
| 9 | - | - | - | - | - | - | - | - |
| 10 | - | - | - | - | - | - | - | - |

It is stressed that the assessment is preliminary in nature and that further documentation and assessment may be required of any items that are under threat of impact from the proposed development (see Sections 8.0 and 9.0). Additionally, any further assessment may include community consultation; this was not part of the scope of this study and depending upon the impact to Items 1, 2, 4, 5, 6, 7 and 8 input from the community in relation to social values may be necessary.

As assignment of significance under the above criterion for Item 5 and particularly Item 6 is extremely tentative. However, although they may not fulfill any of the eight criteria the Items (including Items 3, 5, 6, 7 and 10) may still be eligible for placement on local historic registers (e.g. Maroochy and Noosa Shire Council registers). This is particularly applicable for Items 5 and 6.

8.0 IMPACT ASSESSMENT

The impact assessment of the identified items is outlined below in **Table 3**.

Table 3. Impact Assessment

| ITEM No | WITHIN NPI ALIGNMENT | ADJACENT TO NPI ALIGNMENT |
|---------|----------------------|--|
| 1 | Yes | |
| 2 | Yes | |
| 3 | No | Yes (alignm ent through Lot on which house is located) |
| 4 | Yes | |
| 5 | Yes | Yes (alignment through Lot on which house and shed is located) |
| 6 | No | Yes (alignment through Lot on which house is located) |
| 7 | No | Yes (alignment through Lot on which house is located) |
| 8 | No | |
| 9 | No | Yes (alignment through Lot on which house is located) |
| 10 | No | Yes (property is adjacent to alignment) |

From the information provided in **Table 3** six of the items (3, 6, 7, 8, 9 and 10) are not within the NPI alignment; however, with the exception of Item 10, the alignment cuts through the property on which they are located. Hence, it is considered that avoidance of impacts specifically to the Items can be achieved.

Item 1 is within the NPI alignment and the alignment is located through the area of Item 2. Although the NPI alignment is located through Item 4 it will be in road reserve which is not included within the Townscape Precinct. However, the street pattern, plantings and fence types which are included within the citation have the potential to be impacted by installation of the NPI. An historic dwelling and plantings (Item 5) are located immediately adjacent to the NPI alignment and an historic shed, which is associated with the house is located within the NPI alignment.

In summary, with the exception of Item 8 (Eumundi Cemetery) and Item 10 (House) the installation of the NPI has the potential to impact upon the remaining items either indirectly (Items 3, 6, 7 and 9) or directly (Items 1, 2, 4 and 5).

9.0 MITIGATION OPTIONS

The prime mitigation option is for avoidance of impacts. For all Items identified, their location must be clearly marked on all construction plans so construction crews are aware of the location of the Item.

9.1 Items within the NPI Alignment

Items 1, 2, 4 and 5 are within the NPI alignment. In an attempt to avoid all impacts the following mitigation measures are proposed:

➤ **Item 1**

SRWP Alliance must consult with the Morcombe Family and advise them of the location of the NPI alignment so that their views and concerns can be documented. Based on the results of consultation a possible realignment of the NPI may be required.

➤ **Item 2**

Ideally the NPI alignment should be moved so that avoidance of impact to this Item is achieved. If realignment is not possible it must be kept around the margin of showground property (see **Figure 2**). All impacts to built structures and plantings must be avoided. Bunting must be placed along the margins of the alignment and access to and from the alignment must be via established roads/tracks.

➤ **Item 4**

Ideally the NPI should be moved (i.e. to the west) so that avoidance of impact to this Item is achieved. If realignment is not possible the alignment must be contained within the road reserve of Buckle Street and all impacts to plantings and fences and any impacts that may compromise the street pattern must be avoided.

➤ **Item 5**

Ideally, the NPI alignment should be moved to the east (preferably adjacent to the Bruce Highway) to avoid all impacts to this property. This is definitely the preferred mitigation option and the following alternate option is provided hesitantly.

If the NPI alignment cannot be moved to the east, then it should be moved a minimum of 100 metres to the west to avoid all impacts to the house (indirect), sheds and plantings (possible direct impacts).

9.1 Items Adjacent to the NPI Alignment

As noted in Section 8.0 it is considered that total avoidance can be achieved for Items 3, 6, 7, 8, 9 and 10. As Items 6, 8 and 10 are located at a distance from the NPI alignment it is considered that direct mitigation options are not required; impacts from installation of the pipeline should not occur.

➤ **Items 3, 7 and 9**

SRWP Cultural Heritage Advisor must inspect the commencement of installation activities (e.g. vegetation clearance, NPI alignment preparation) at these Items to ensure that impacts are being avoided. If the Cultural Heritage Advisor has concerns that indirect impacts may occur, the Cultural Heritage Advisor must arrange for the construction crew to install bunting along the margin of the alignment adjacent to the item so that all impacts are avoided.

➤ **Items 6, 8 and 10**

As these three Items are a distance from the NPI alignment and are not under threat of impact from installation activities, it is considered that mitigation options are not necessary.

10.0 RECOMMENDATIONS

The following recommendations outlined in **Table 4** are provided for the identified Items.

Table 4. Recommendations

| ITEM No | NPI MAP No | RECOMMENDATION | ACTION |
|---------|------------|---|---|
| 1 | B3a | <ul style="list-style-type: none"> • Consultation with the Morcombe Family; • Based on the results of consultation a possible realignment of the NPI may be required. | <ul style="list-style-type: none"> • The NNA Cultural Heritage Advisor must liaise with the consultant undertaking the social assessment of the NPI to ensure that consultation with the Morcombe Family is undertaken. • The NNA Cultural Heritage Advisor must instigate processes required to implement recommendations arising from this consultation. |
| 2 | B5c | <ul style="list-style-type: none"> • Realignment of NPI alignment so that avoidance of impact to this Item is achieved; or if avoidance cannot be achieved • The NPI alignment must be placed around margin of showground property and all impacts to built structures and plantings must be avoided. | <ul style="list-style-type: none"> • The NNA Cultural Heritage Advisor must arrange for bunting to be installed along the margin of the NPI alignment within the grounds of this Item a for access to and from the NPI alignment to be along established roads / tracks. • The NNA Cultural Heritage Advisor must inspect the commencement of installation activities (e.g. vegetation clearance, NPI alignment preparation) at this Item to ensure that impacts are being avoided, bunting is installed and access is via established roads / tracks. • The NNA Heritage Advisor should regularly inspect installation works within the Showgrounds property to ensure that built structures, plantings, etc. are not being impacted and approved access ways are being used. |

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|---|--------|--|---|
| 3 | B6a | <ul style="list-style-type: none"> It is not recommended that the NPI alignment be moved to avoid Lot 1 RP137358; however, all construction and associated activities must avoid any impacts to the house located on this property. | <ul style="list-style-type: none"> The NNA Cultural Heritage Advisor must inspect the commencement of installation activities (e.g. vegetation clearance, NPI alignment preparation) at this Item to ensure that impacts are being avoided. If the NNA Cultural Heritage Advisor has concerns that indirect impacts may occur, the NNA Cultural Heritage Advisor must arrange for the construction crew to install bunting along the margin of the alignment adjacent to the Item so that all impacts are avoided. |
| 4 | B6a/B7 | <ul style="list-style-type: none"> Realignment of NPI alignment (i.e. to the west) so that avoidance of impact to this Item is achieved; or if avoidance cannot be achieved The NPI alignment must be contained within the road reserve of Buckle Street and all impacts to plantings and fences and any impacts that may compromise the street pattern must be avoided. | <ul style="list-style-type: none"> The NNA Cultural Heritage Advisor must arrange for bunting to be installed along the margin of the NPI alignment within Buckle Street. The NNA Cultural Heritage Advisor must inspect the commencement of installation activities (e.g. vegetation clearance, NPI alignment preparation) in Buckle Street to ensure that impacts to plantings and fences are being avoided and bunting is installed. The NNA Cultural Heritage Advisor should regularly inspect installation works within Buckle Street to ensure that fence and plantings are not being impacted. The NNA Cultural Heritage Advisor should ensure that rehabilitation works at the completion of installation activities do not compromise the street pattern of Buckle Street. |
| 5 | B7 | <ul style="list-style-type: none"> The NPI alignment should be moved to the east (preferably adjacent to the Bruce Highway) to avoid all impacts to this property; or The NPI alignment should be moved a minimum of 100 metres to the west to avoid all impacts to the house, sheds and plantings | <ul style="list-style-type: none"> NNA route selectors must make every effort to move the NPI alignment (preferably to the east) away from this Item. If either of these two realignments cannot be achieved, further consultation and assessment will be required. |
| 6 | B7 | <ul style="list-style-type: none"> It is not recommended that the NPI alignment be moved to avoid Lot 3 CG6223; however, all construction and associated activities must avoid any impacts to the house located on this property. | <ul style="list-style-type: none"> No action is required. |

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| | | | |
|----|-----|--|--|
| 7 | B8 | <ul style="list-style-type: none"> It is not recommended that the NPI alignment be moved to avoid Lot 2 SP127417; however, all construction and associated activities must avoid any impacts to the house located on this property. | <ul style="list-style-type: none"> The NNA Cultural Heritage Advisor must inspect the commencement of installation activities (e.g. vegetation clearance, NPI alignment preparation) at this Item to ensure that impacts are being avoided. If the NNA Cultural Heritage Advisor has concerns that indirect impacts may occur, the NNA Cultural Heritage Advisor must arrange for the construction crew to install bunting along the margin of the alignment adjacent to the Item so that all impacts are avoided. |
| 8 | B9 | <ul style="list-style-type: none"> The location of this Item should be clearly marked on all construction plans. | <ul style="list-style-type: none"> No action is required. |
| 9 | B10 | <ul style="list-style-type: none"> It is not recommended that the NPI alignment be moved to avoid Lot 3 SP127428; however, all construction and associated activities must avoid any impacts to the house located on this property. | <ul style="list-style-type: none"> The NNA Cultural Heritage Advisor must inspect the commencement of installation activities (e.g. vegetation clearance, NPI alignment preparation) at this Item to ensure that impacts are being avoided. If the NNA Cultural Heritage Advisor has concerns that indirect impacts may occur, the NNA Cultural Heritage Advisor must arrange for the construction crew to install bunting along the margin of the alignment adjacent to the Item so that all impacts are avoided. |
| 10 | B5a | Direct recommendations are not provided for this property as it is not within the proposed NPI alignment. | <ul style="list-style-type: none"> No action is required. |

11.0 REFERENCES

- Blyth, A. 2003 **Streets and Roads of Yandina & District: their History & Origins. Including the Localities of: Bridges, Cooloolabin, Kiamba, Kulangoor, Maroochy River, North Arm, Valdora and Yandina Creek.** Queensland Complete Printing Services: Nambour.