



PLANS AND DOCUMENTS  
referred to in the PDA APPROVAL

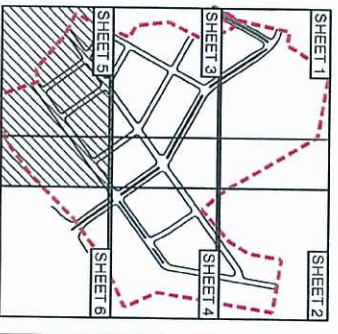
17 DEC 2013

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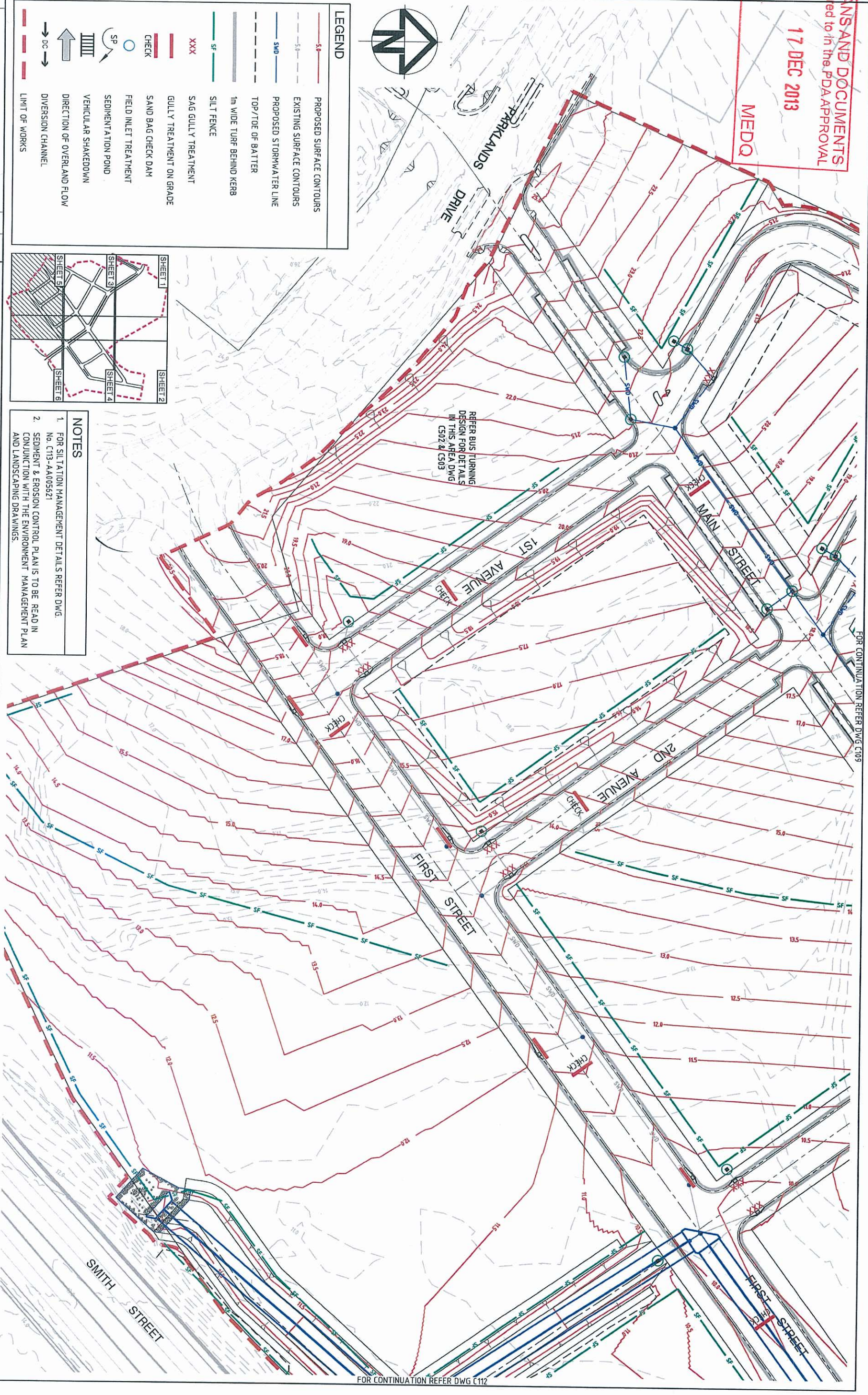


**LEGEND**

- PROPOSED SURFACE CONTOURS
- EXISTING SURFACE CONTOURS
- PROPOSED STORMWATER LINE
- TOP/TIDE OF BATTER
- 1m WIDE TURF BEHIND KERB
- SILT FENCE
- SAG GULLY TREATMENT
- GULLY TREATMENT ON GRADE
- SAND BAG CHECK DAM
- FIELD INLET TREATMENT
- SEDIMENTATION POND
- VEHICULAR SHAKEDOWN
- DIRECTION OF OVERLAND FLOW
- DIVERSION CHANNEL
- LIMIT OF WORKS



- NOTES**
- FOR SILTATION MANAGEMENT DETAILS REFER DWG. No. C113-AA005621
  - SEDIMENT & EROSION CONTROL PLAN IS TO BE READ IN CONJUNCTION WITH THE ENVIRONMENT MANAGEMENT PLAN AND LANDSCAPING DRAWINGS.



|              |                        |               |          |             |  |
|--------------|------------------------|---------------|----------|-------------|--|
| <b>Issue</b> |                        | <b>Author</b> |          | <b>Date</b> |  |
| P1           | PRELIMINARY ISSUE      | BD            | 04/07/13 |             |  |
| P2           | ISSUE FOR COMMENT      | BD            | 20/08/13 |             |  |
| P3           | ISSUE FOR PDA APPROVAL | BD            | 14/07/13 |             |  |

|              |                   |                   |  |
|--------------|-------------------|-------------------|--|
| <b>Scale</b> |                   | <b>Architect</b>  |  |
| 0            | 5 10 20 30 40 50m | <b>ARCHPELAGO</b> |  |

|                                                                                                                                                                                                                |  |                                                                                                  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------|--|
| <b>Surveyor</b>                                                                                                                                                                                                |  | <b>Client</b>                                                                                    |  |
| <b>BENNETT + BENNETT</b><br>Property Consulting Services - Town Planning<br>Attn: Mr. P. Bennett, 60/21, GLENDALE, QLD 4020<br>Tel: (07) 5533 4177<br>Fax: (07) 5533 4178<br>Email: info@bennettbennett.com.au |  | <b>Queensland Government</b><br>DEPARTMENT OF STATE<br>DEVELOPMENT, INFRASTRUCTURE<br>& PLANNING |  |

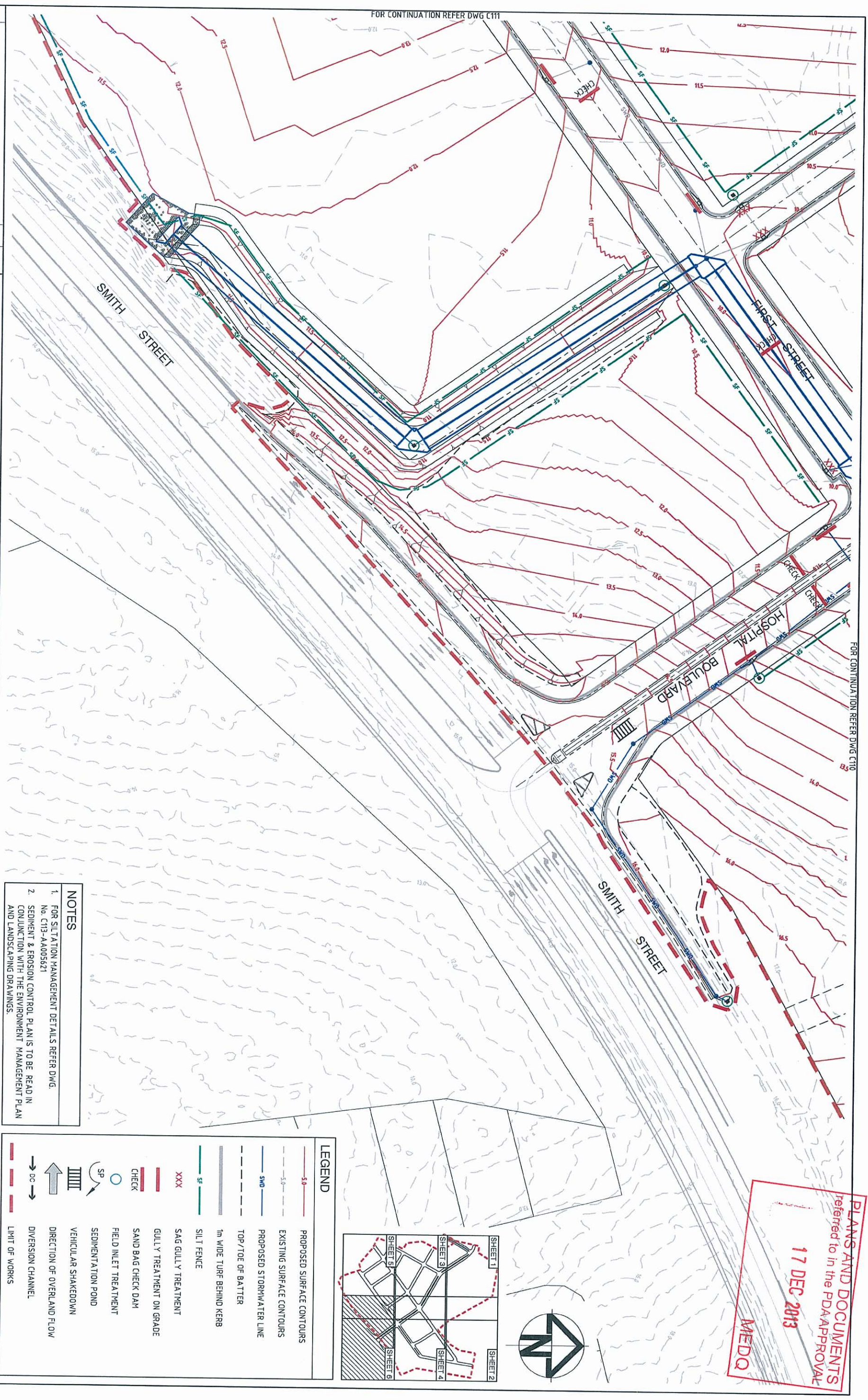
  

|                                                     |  |                                              |  |
|-----------------------------------------------------|--|----------------------------------------------|--|
| <b>Status</b>                                       |  | <b>Project</b>                               |  |
| <b>FOR APPROVAL</b><br>NOT FOR CONSTRUCTION         |  | <b>GOLD COAST</b><br>PARKLANDS REDEVELOPMENT |  |
| <b>Approved</b><br><i>[Signature]</i> REP. No. 8677 |  | <b>BULK EARTHWORKS</b>                       |  |
| <b>Original</b><br>A1                               |  | <b>SEDIMENT &amp; EROSION</b>                |  |
| <b>Height</b><br>AHD                                |  | <b>CONTROL PLAN -</b>                        |  |
| <b>Reviewer</b><br>B. THOMPSON                      |  | <b>SHEET 5 OF 6</b>                          |  |

|                                                                                                                            |  |                                                                         |  |
|----------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------|--|
| <b>Hyder</b>                                                                                                               |  | <b>Hyder</b>                                                            |  |
| ABN 78 104 485 880<br>Southport, QLD 4215<br>Tel: +61 (07) 5532 3933<br>Fax: +61 (07) 5531 1778<br>www.hyderconsulting.com |  | Drawing No. <b>C111</b> - Project No. <b>AA005621</b> - Issue <b>01</b> |  |

PLANS AND DOCUMENTS  
referred to in the PDA/APP/PROVAL  
17 DEC 2013  
MEDQ



NOTES

- FOR SILTATION MANAGEMENT DETAILS REFER DWG. No. C113-AA005621
- SEDIMENT & EROSION CONTROL PLANS TO BE READ IN CONJUNCTION WITH THE ENVIRONMENT MANAGEMENT PLAN AND LANDSCAPING DRAWINGS.

**LEGEND**

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**Hyder**

HYDER CONSULTING PTY. LTD  
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Fax: +61 (07) 5551 4778  
www.hyderconsulting.com

|                   |  |        |  |          |  |
|-------------------|--|--------|--|----------|--|
| Issue             |  | Author |  | Date     |  |
| 01                |  | BD     |  | 14/07/13 |  |
| P2                |  | BD     |  | 27/08/13 |  |
| P1                |  | BD     |  | 04/07/13 |  |
| Issue Description |  |        |  |          |  |

|                     |  |                                   |  |
|---------------------|--|-----------------------------------|--|
| Scale               |  | Architect                         |  |
| 0 5 10 20 30 40 50m |  | ARCHIPELAGO                       |  |
| 1:500               |  | C:\07-C112-AA005621-SED & ERO.DWG |  |

|                                                                                                                                                                                       |  |                                                                                           |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------|--|
| Supervisor                                                                                                                                                                            |  | Client                                                                                    |  |
| BENNETT • BENNETT<br>Property Consultants, Surveyors & Town Planners<br>Attn: Mr. P.O. Box 6021, QLD, 4070<br>m.bennett@bennettbennett.com.au<br>Bennett Pty. Ltd. ABN 62 621 421 505 |  | Queensland Government<br>DEPARTMENT OF STATE<br>DEVELOPMENT, INFRASTRUCTURE<br>& PLANNING |  |
| Status                                                                                                                                                                                |  | Project                                                                                   |  |
| FOR APPROVAL<br>NOT FOR CONSTRUCTION                                                                                                                                                  |  | GOLD COAST<br>PARKLANDS REDEVELOPMENT<br>BULK EARTHWORKS                                  |  |
| Approved<br>No. C113-AA005621                                                                                                                                                         |  | Title                                                                                     |  |
| Scales<br>1:500                                                                                                                                                                       |  | SEDIMENT & EROSION<br>CONTROL PLAN -<br>SHEET 6 OF 6                                      |  |
| Original<br>Size<br>A1                                                                                                                                                                |  | Drawing No.                                                                               |  |
| Height<br>Datum<br>AHD                                                                                                                                                                |  | Project No.                                                                               |  |
| Grid<br>MGA                                                                                                                                                                           |  | Issue                                                                                     |  |
| Copyright reserved                                                                                                                                                                    |  | C112 - AA005621 - 01                                                                      |  |

14/08/2013 4:45 PM

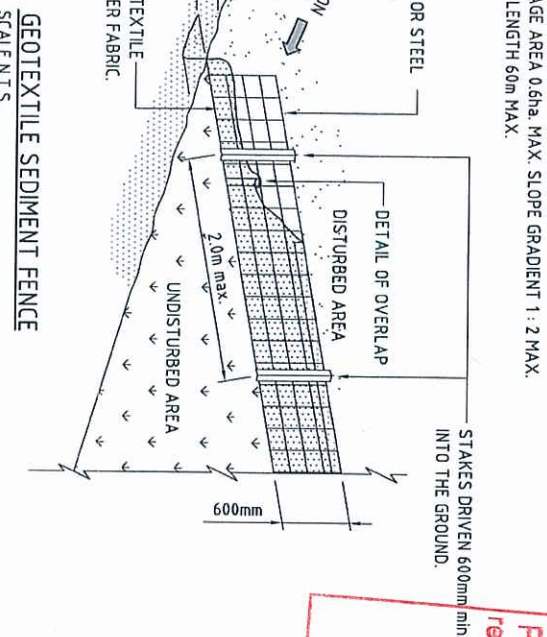
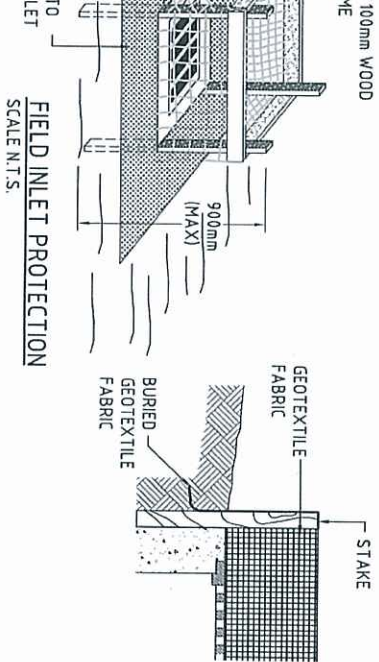
\\nc-rms-gc-1s-011\pos\AA005621\ECAD\EC-CAD\Final\107-C112-AA005621-SED & ERO.dwg

## DESCRIPTIONS

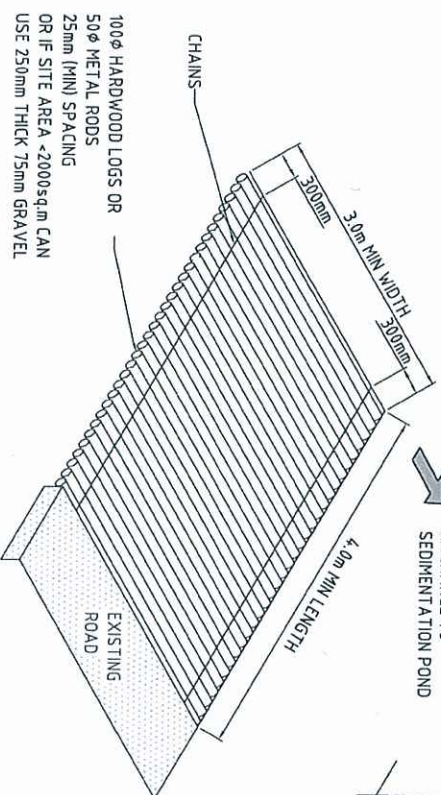
- SILT FENS TO BE EFFECTED ALONG THE OF FILL BATTENS OR AS DIRECTED BY SUPERINTENDENT.
- EXCAVATED MATERIAL TO BE PLACED ON HIGH SIDE OF TRENCH IN ORDER TO PROTECT PIPE WORK AND DIRECT SURFACE FLOW AWAY FROM EXCAVATIONS.
- MEASURES ARE TO BE TAKEN TO PREVENT SILT INGRESS TO STORMWATER SYSTEM.
- EROSION CONTROL MEASURES ARE TO BE INSPECTED AFTER MAJOR EVENTS (> 25mm), ANY REPAIRS REQUIRED ARE TO BE EFFECTED IMMEDIATELY.

1000

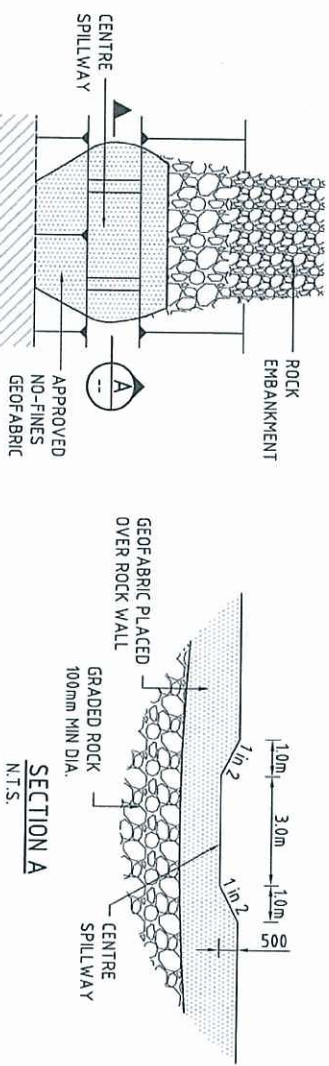
- TO TAKE ANY NECESSARY PRECAUTIONS TO CONTROL EROSION AND SEDIMENTATION DURING ALL STAGES OF CONSTRUCTION INCLUDING PERIOD.
- ALL DEVICES SHALL BE MONITORED, CLEANED AND/OR REPAIRED TO MAINTAIN CAPACITY TO FILTER SEDIMENT TO BE REMOVED. UNPULPULATED SEDIMENT REDUCES THE CAPACITY BY 50%.
- SWALE SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN MINIMUM OF 1%.
- DESIGN SHALL BE DETERMINED BY THE SUPERINTENDENT AND SPECIFIED WITHIN SEVEN DAYS OF FINAL TRIMMING.
- NO SILT FENCE CONTROL MEASURES TO BE DETERMINED ON SITE MEASURES SHOWN ON THIS DRAWING ARE MINIMUM
- AND SILT MANAGEMENT MEASURES TO BE PROVIDED AT HEADWALLS.
- FOR DIRTY SAND REMOVAL FROM CONSTRUCTION VEHICLES AND PUBLIC ROADS. METHOD TO BE APPROVED BY SUPERINTENDENT OF WORK.
- IT CAUSED BY THE MOVEMENT OF CONSTRUCTION TRAFFIC ON THE ROADWAY. SILT SHALL BE REMOVED DAILY.
- IMPLEMENT EROSION AND SEDIMENT CONTROL PROCEDURES AND MAINTENANCE STAGES OF THE DEVELOPMENT AND SHALL TAKE ACTIONS TO COMPLY WITH THE POLICY OBJECTIVES OF THE COUNCIL LOCAL PLANNING POLICY - EROSION AND SEDIMENT CONTROL.
- TO BE RESPONSIBLE FOR THE DAILY REMOVAL OF SILT FOR THE DURATION OF CONSTRUCTION AND MAINTENANCE PERIOD, THAT HAS BEEN BLOWN OFF FROM THE SITE ONTO COUNCIL ROADS OR INTO COUNCIL WATERCOURSES AND ANY PRIVATE PROPERTY.
- TO BE RESPONSIBLE FOR THE CONTROL OF DUST EMANATING FROM THE SITE, INCLUDING ON WEEKENDS AND PUBLIC HOLIDAYS, FOR THE CONSTRUCTION AND MAINTENANCE PERIOD.
- MATERIALS, OILS AND FUELS ARE TO BE CONTAINED AND FUEL SPILLS ARE NOT TO ENTER ANY DRAINAGE SYSTEM.
- TO ENSURE THAT NO SILT REACHES THE DOWNSIDE WATERWAY. PROVIDE ADEQUATE PROTECTION TO PREVENT THIS OCCURRING.
- VEGETATION SHALL BE REPLANTED WITHIN 30 DAYS OF THE REMOVAL OF THE VEGETATION. VEGETATION SHALL BE GRASSED WITH A SUITABLE QUICK STRIKING SPECIES TO PROVIDE A DIVERSION DRAIN OR BLIND ON THE UPHILL SIDE AND A DOWNHILL SIDE OF ALL STOCKPILES.



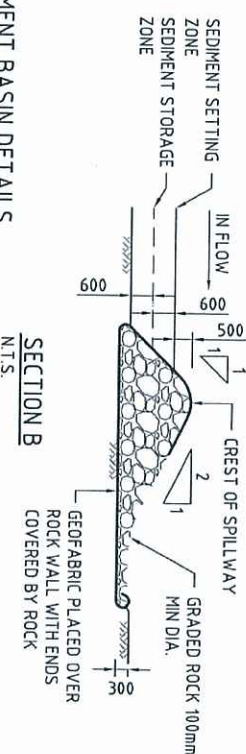
## SCALE N.T.S



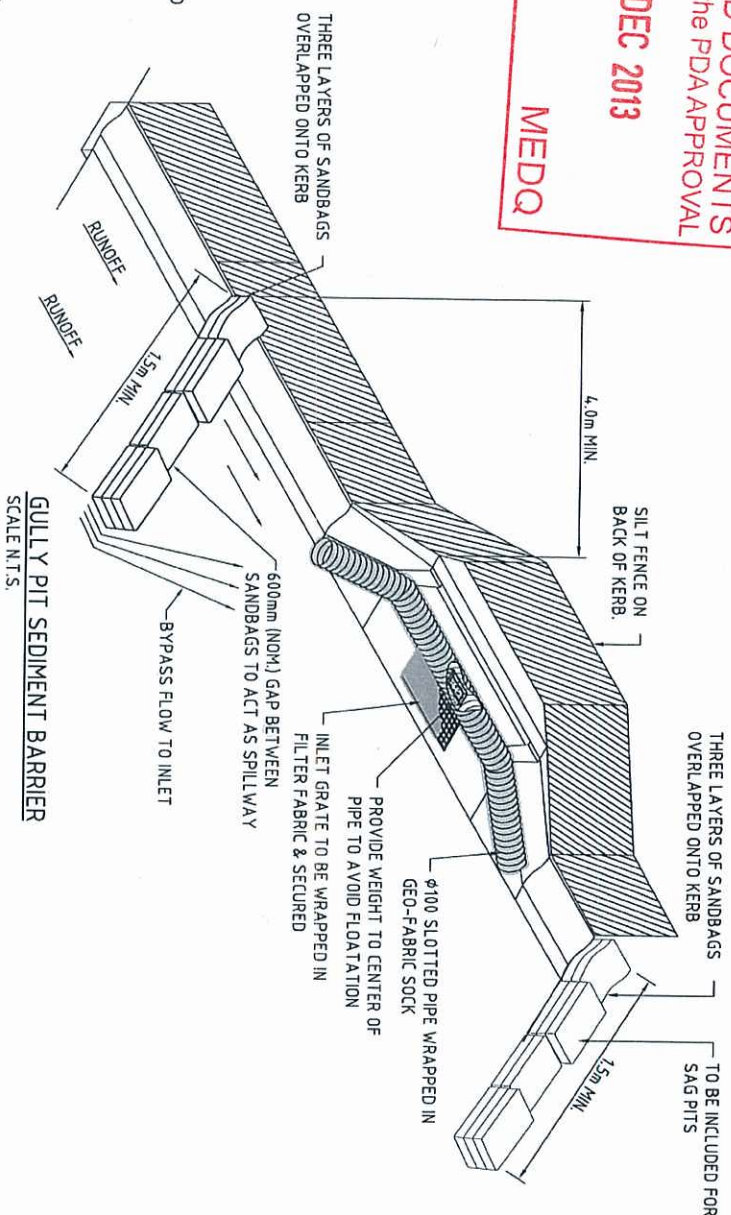
METAL GRID SHAKE DOWN (OR APPROVED EQUIVALENT),  
SCALE N.T.S.



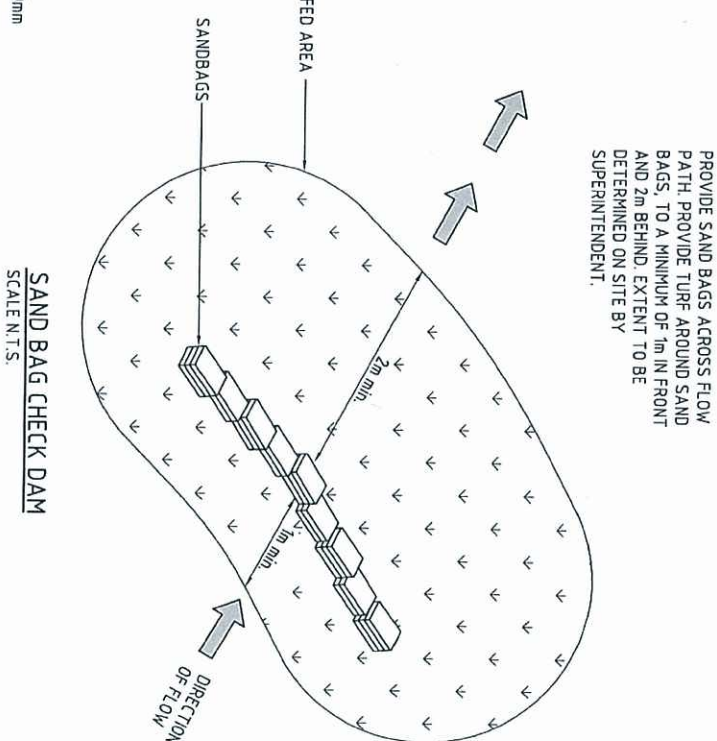
## SECTION A



SELECTION  
N.T.S.



GULLY PIT SEDIMENT BARRIER  
SCALE N.T.S.



## SAND BAG CHECK DAM

[illegible]

NOTES

1. ALL EARTHWORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH G.C.C. STANDARD SPECIFICATIONS.
2. ALL EARTHWORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH AS3798 UNDER LEVEL 1 SUPERVISION.
3. ALL NEW WORKS TO MATCH EXISTING WITH EXISTING. THE CONTRACTOR SHALL CONFIRM LOCATION OF ALL EXISTING SERVICES AND PROTECT THESE SERVICES DURING CONSTRUCTION. DAMAGED SERVICES SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
4. ALL OF THE SITE SHALL BE KEPT FREE DRAINING DURING ALL PHASES OF THE PROJECT.
5. REFER TO ROAD CROSS SECTIONS FOR BATTER GRADES. WHERE GRADE ARE NOT SPECIFIED:-  
FILL - 1:4  
CUT - 1:4
6. MINIMUM TOPSOIL THICKNESS 100mm
7. UNLESS DIRECTED OTHERWISE BY THE SUPERINTENDENT ALL FILL SHALL BE PLACED AT BETWEEN +2% AND -2% OF OPTIMUM MOISTURE CONTENT.

ALL DESIGN / SETOUT INFORMATION SHOWN ON THIS DRAWING IS AVAILABLE IN DIGITAL FORM. REQUEST BY THE CONTRACTOR

NOTE:  
Q100 FLOOD LEVEL  
RL 8.24m AHD

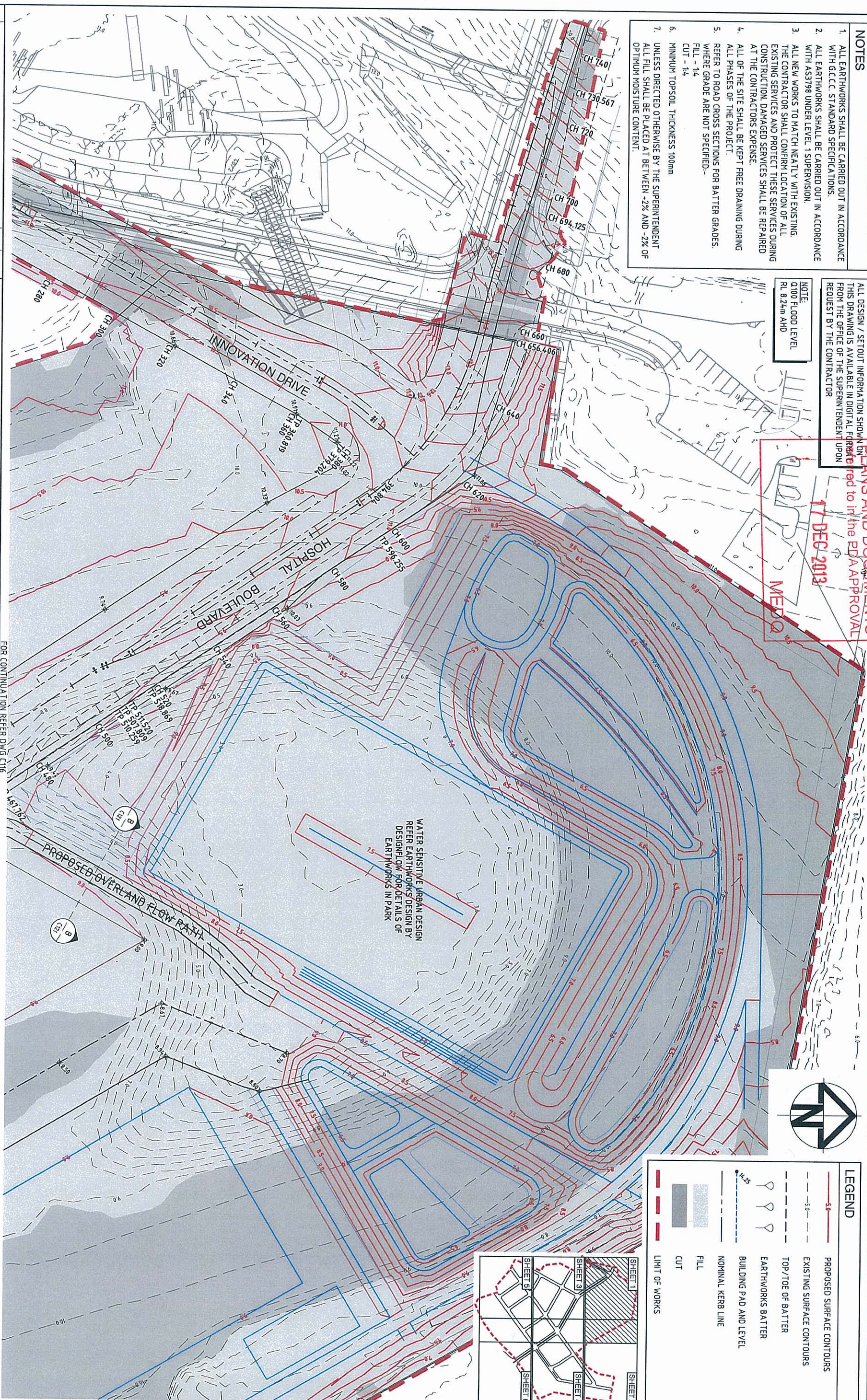
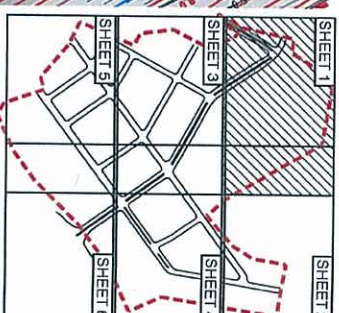
17 DEC 2013

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LEGEND

- PROPOSED SURFACE CONTOURS
- EXISTING SURFACE CONTOURS
- TOP / TOE OF BATTER
- EARTHWORKS BATTER
- BUILDING PAD AND LEVEL
- NOMINAL KERB LINE
- FILL
- CUT
- LIMIT OF WORKS

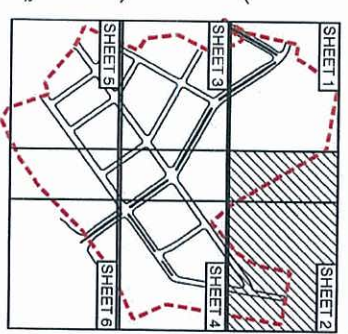


FOR CONTINUATION REFER DWG C116

FOR CONTINUATION REFER DWG C115

|                           |  |                                                                                                                                                                                       |          |                                                                     |                                                                                                                                                                                                 |       |
|---------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 01 ISSUE FOR OPW APPROVAL |  | BD                                                                                                                                                                                    | 14/06/13 | Scale                                                               | 0 5 10 20 30 40 50m                                                                                                                                                                             | 1:500 |
| 02 ISSUE FOR COMMENT      |  | BD                                                                                                                                                                                    | 27/08/13 | Architect                                                           | BENNETT + BENNETT<br>Property Consultants, Surveyors & Town Planners<br>Aerial to: PO Box 1021, QLD, QLD 4705<br>m.bennett@bennett-bennett.com.au<br>Tel: (07) 5523 6177<br>Fax: (07) 5523 6185 |       |
| 03 PRELIMINARY ISSUE      |  | BD                                                                                                                                                                                    | 14/07/13 | Client                                                              | Queensland Government<br>DEPARTMENT OF STATE DEVELOPMENT, INFRASTRUCTURE & PLANNING                                                                                                             |       |
| Issue Description         |  | Author                                                                                                                                                                                | Date     | Status                                                              | FOR APPROVAL<br>NOT FOR CONSTRUCTION<br>Approved: [Signature]<br>R.E.D. No: 86177                                                                                                               |       |
| File Name                 |  | C:\H-C115-AA005621-BLK.EWKS.DWG                                                                                                                                                       |          | Original Size                                                       | A1                                                                                                                                                                                              |       |
| Project                   |  | GOLD COAST PARKLANDS REDEVELOPMENT                                                                                                                                                    |          | Current Issue Signatures                                            | Author: BDAVEY<br>Designer: TDMILE<br>Reviewer: BTHOMPSON                                                                                                                                       |       |
| Drawing No                |  | C114                                                                                                                                                                                  |          | Title                                                               | BULK EARTHWORKS CUT & FILL PLAN - SHEET 1 OF 6                                                                                                                                                  |       |
| Project No                |  | AA005621                                                                                                                                                                              |          | Issue                                                               | 01                                                                                                                                                                                              |       |
| Hyder                     |  | HYDER CONSULTING PTY. LTD<br>ABN 76 104 485 289<br>P.O. Box 1683<br>Southport, QLD 4215<br>Australia<br>Tel: +61 (07) 5532 3933<br>Fax: +61 (07) 5591 4778<br>www.hyderconsulting.com |          | V:\H-C115-AA005621-E-CAD\VC-C115-FINAL\H-C115-AA005621-BLK.EWKS.dwg |                                                                                                                                                                                                 |       |

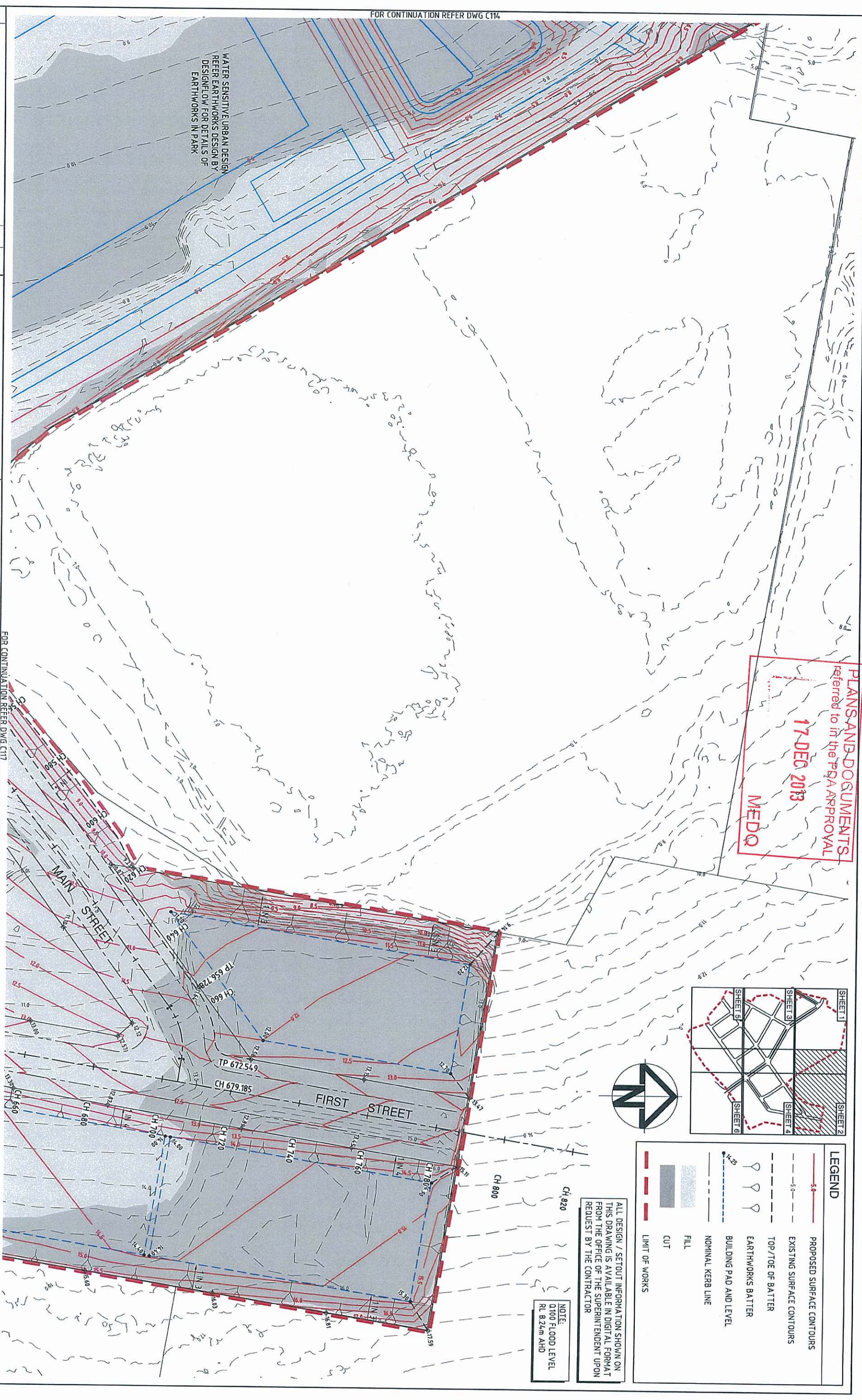
PLANS AND DOCUMENTS  
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17 DEC 2013  
MEDO



| LEGEND |                           |
|--------|---------------------------|
|        | PROPOSED SURFACE CONTOURS |
|        | EXISTING SURFACE CONTOURS |
|        | TOP / TOE OF BATTER       |
|        | EARTHWORKS BATTER         |
|        | BUILDING PAD AND LEVEL    |
|        | NOMINAL KERB LINE         |
|        | FILL                      |
|        | CUT                       |
|        | LIMIT OF WORKS            |

ALL DESIGN / SETOUT INFORMATION SHOWN ON THIS DRAWING IS AVAILABLE IN DIGITAL FORMAT FROM THE OFFICE OF THE SUPERINTENDENT UPON REQUEST BY THE CONTRACTOR

NOTE:  
0100 FLOOD LEVEL  
RL 8.24m AHD



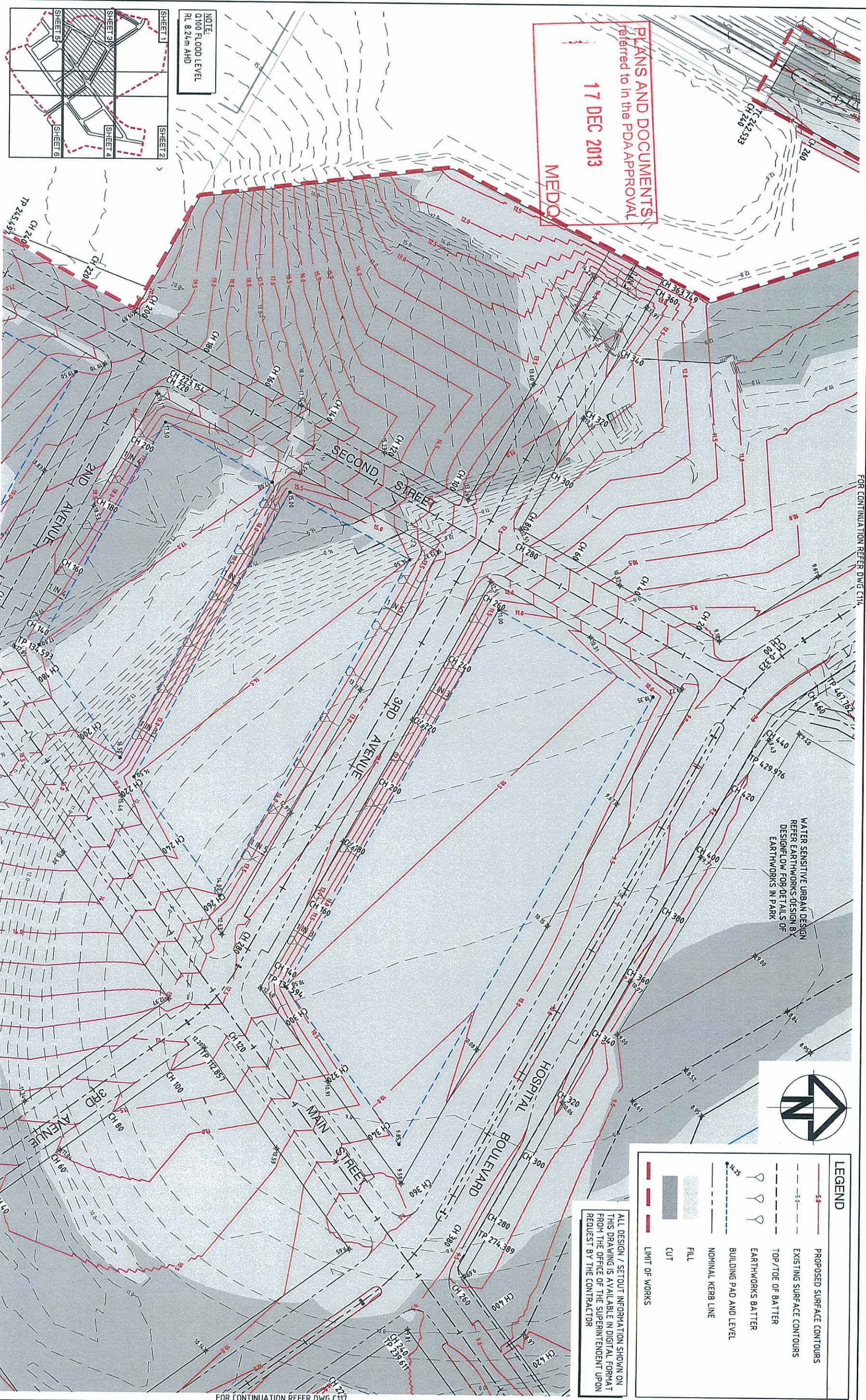
WATER SENSITIVE URBAN DESIGN  
REFER EARTHWORKS DESIGN BY  
DESIGNFLOW FOR DETAILS OF  
EARTHWORKS IN PARK

FOR CONTINUATION REFER DWG C114

FOR CONTINUATION REFER DWG C117

|                                                                                                |  |                                     |                                                       |                                                |  |                                                                                                                                                                                                                            |  |                                                                                                                   |  |                                                                                                                                                                           |  |                                                                                                                                                         |  |                                                                                                                                                                                          |  |                                   |                                       |                           |
|------------------------------------------------------------------------------------------------|--|-------------------------------------|-------------------------------------------------------|------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------|---------------------------------------|---------------------------|
| <b>01</b> ISSUE FOR DPW APPROVAL<br><b>B2</b> ISSUE FOR COMMENT<br><b>P1</b> PRELIMINARY ISSUE |  | <b>BD</b><br><b>BD</b><br><b>BD</b> | <b>14/07/13</b><br><b>21/08/13</b><br><b>04/07/13</b> | <b>Scale</b><br>0 5 10 20 30 40 50m<br>1 : 500 |  | <b>Supervisor</b><br><b>BENNETT + BENNETT</b><br>Property Consultants, Surveyors + Town Planners<br>Attn: Mr. P.O. Box 6021, QLD, 4012<br>Tel: (07) 5552 2933<br>Fax: (07) 5552 2933<br>Email: info@bennett-bennett.com.au |  | <b>Client</b><br><b>Queensland Government</b><br>DEPARTMENT OF STATE<br>DEVELOPMENT, INFRASTRUCTURE<br>& PLANNING |  | <b>Status</b><br><b>FOR APPROVAL</b><br>NOT FOR CONSTRUCTION<br>Approved: <i>[Signature]</i> REP'D No. 8677<br>Scales: 1:500<br>Original: A1<br>Height: AHD<br>Datum: MGA |  | <b>Project</b><br><b>GOLD COAST</b><br>PARKLANDS REDEVELOPMENT<br><b>BULK EARTHWORKS</b><br><b>BULK EARTHWORKS</b><br>CUT & FILL PLAN -<br>SHEET 2 OF 6 |  | <b>Hyder</b><br>HYDER CONSULTING PTY. LTD<br>ABN 76 104 485 289<br>P.O. Box 1653<br>Southport, QLD 4215<br>Tel: +61 (0)7 5552 2933<br>Fax: +61 (0)7 5591 4778<br>www.hyderconsulting.com |  | <b>Drawing No.</b><br><b>C115</b> | <b>Project No.</b><br><b>AA005621</b> | <b>Issue</b><br><b>01</b> |
|------------------------------------------------------------------------------------------------|--|-------------------------------------|-------------------------------------------------------|------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------|---------------------------------------|---------------------------|

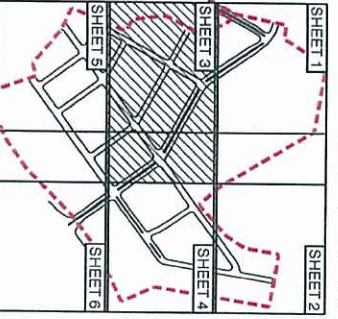
FOR CONTINUATION REFER DWG C114



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17 DEC 2013

MEDG

NOTE:  
0100 FLOOD LEVEL  
RL 8.24m AHD

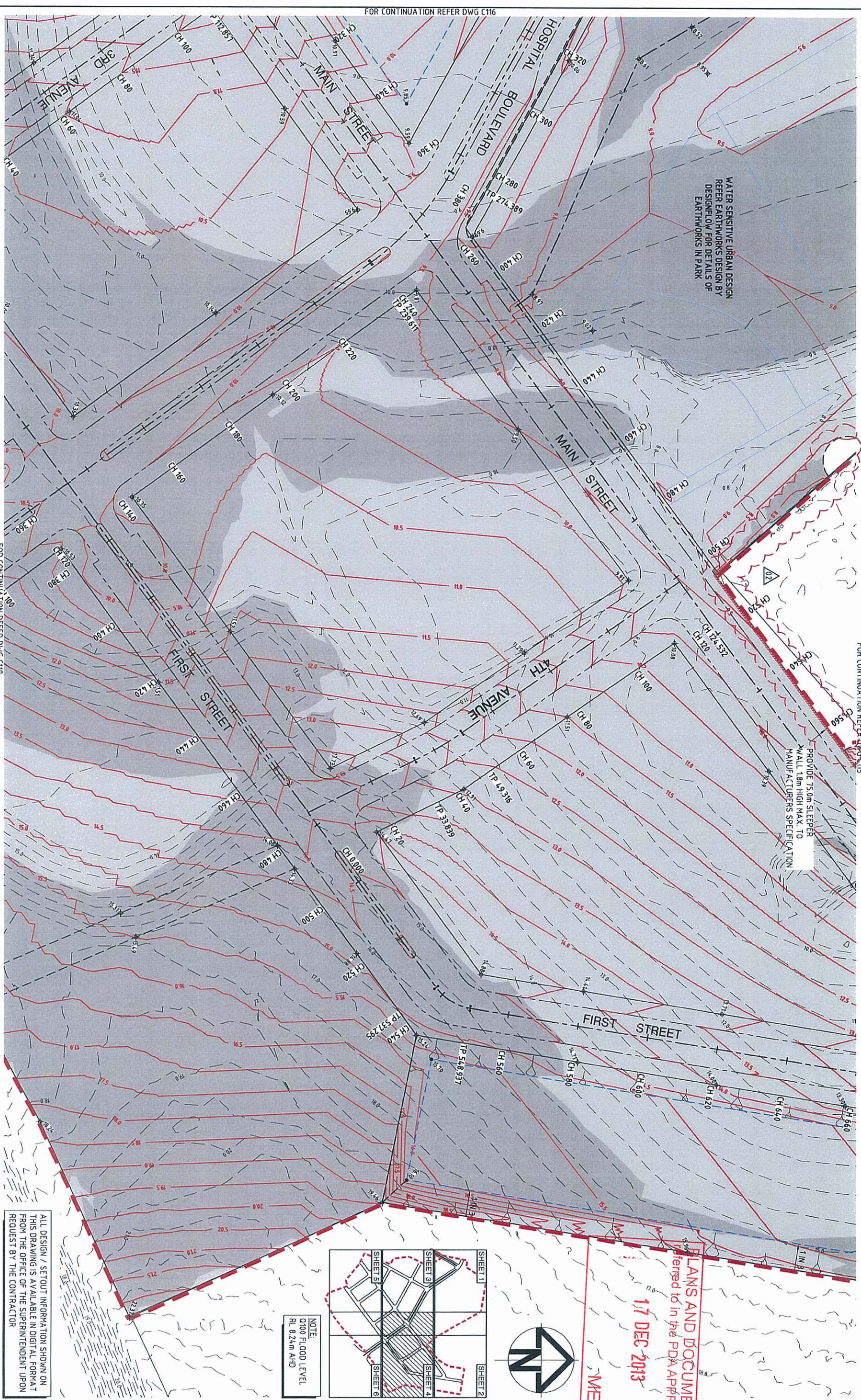


| LEGEND |                           |
|--------|---------------------------|
|        | PROPOSED SURFACE CONTOURS |
|        | EXISTING SURFACE CONTOURS |
|        | TOP/TOE OF BATTER         |
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|        | BUILDING PAD AND LEVEL    |
|        | NOMINAL KERB LINE         |
|        | FILL                      |
|        | CUT                       |
|        | LIMIT OF WORKS            |

ALL DESIGN / SETOUT INFORMATION SHOWN ON  
THIS DRAWING IS AVAILABLE IN DIGITAL FORMAT  
FROM THE OFFICE OF THE SUPERINTENDENT UPON  
REQUEST BY THE CONTRACTOR

FOR CONTINUATION REFER DWG C117

|                           |  |                     |  |                                              |  |                      |  |                         |  |                 |  |
|---------------------------|--|---------------------|--|----------------------------------------------|--|----------------------|--|-------------------------|--|-----------------|--|
| <b>Issue</b>              |  | <b>Scale</b>        |  | <b>Supervisor</b>                            |  | <b>Status</b>        |  | <b>Project</b>          |  | <b>Hyder</b>    |  |
| 01 ISSUE FOR DPW APPROVAL |  | 0 5 10 20 30 40 50m |  | BENNETT • BENNETT                            |  | FOR APPROVAL         |  | GOLD COAST              |  | Hyder           |  |
| 02 ISSUE FOR COMMENT      |  | 1 : 500             |  | ARCHPELAGO                                   |  | NOT FOR CONSTRUCTION |  | PARKLANDS REDEVELOPMENT |  | BULK EARTHWORKS |  |
| 03 PRELIMINARY ISSUE      |  |                     |  |                                              |  |                      |  |                         |  |                 |  |
| Issue Description         |  | Author              |  | Client                                       |  | Approved             |  | Title                   |  | Drawing No.     |  |
| BO                        |  | 14/09/13            |  | BENNETT • BENNETT                            |  | 1500                 |  | BULK EARTHWORKS         |  | C116            |  |
| BO                        |  | 27/08/13            |  | ARCHPELAGO                                   |  | A1                   |  | CUT & FILL PLAN -       |  | AA005621        |  |
| BO                        |  | 04/07/13            |  | DEPARTMENT OF STATE                          |  | AHD                  |  | SHEET 3 OF 6            |  | 01              |  |
| Issue                     |  | Date                |  | File Name                                    |  | Grid                 |  | MGA                     |  | Project No.     |  |
|                           |  |                     |  | C:\Users\BENNETT\Documents\BENNETT • BENNETT |  |                      |  |                         |  |                 |  |
|                           |  |                     |  | ARCHPELAGO                                   |  |                      |  |                         |  |                 |  |
|                           |  |                     |  | DEPARTMENT OF STATE                          |  |                      |  |                         |  |                 |  |
|                           |  |                     |  | DEVELOPMENT, INFRASTRUCTURE                  |  |                      |  |                         |  |                 |  |
|                           |  |                     |  | & PLANNING                                   |  |                      |  |                         |  |                 |  |
|                           |  |                     |  | Queensland Government                        |  |                      |  |                         |  |                 |  |
|                           |  |                     |  | BULK EARTHWORKS                              |  |                      |  |                         |  |                 |  |
|                           |  |                     |  | CUT & FILL PLAN -                            |  |                      |  |                         |  |                 |  |
|                           |  |                     |  | SHEET 3 OF 6                                 |  |                      |  |                         |  |                 |  |
|                           |  |                     |  | Hyder                                        |  |                      |  |                         |  |                 |  |
|                           |  |                     |  | Hyder Consulting Pty. Ltd.                   |  |                      |  |                         |  |                 |  |
|                           |  |                     |  | ABN 76 104 483 688                           |  |                      |  |                         |  |                 |  |
|                           |  |                     |  | P.O. Box 1653                                |  |                      |  |                         |  |                 |  |
|                           |  |                     |  | Southport, QLD 4215                          |  |                      |  |                         |  |                 |  |
|                           |  |                     |  | Australia                                    |  |                      |  |                         |  |                 |  |
|                           |  |                     |  | Tel: +61 (07) 5532 3933                      |  |                      |  |                         |  |                 |  |
|                           |  |                     |  | Fax: +61 (07) 5591 4778                      |  |                      |  |                         |  |                 |  |
|                           |  |                     |  | www.hyderconsulting.com                      |  |                      |  |                         |  |                 |  |



FOR CONTINUATION REFER DWG C116

FOR CONTINUATION REFER DWG C115

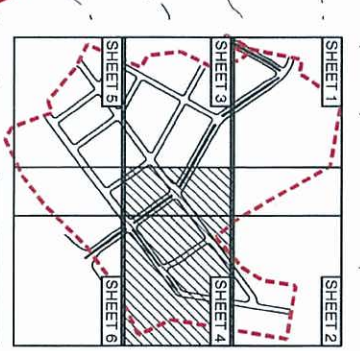
WATER SENSITIVE URBAN DESIGN  
REFER EARTHWORKS DESIGN BY  
DESIGNFLOW FOR DETAILS OF  
EARTHWORKS IN PARK

PROVIDE 75.0m SLEEPER  
WALL 1.8m HIGH MAX. TO  
MANUFACTURERS SPECIFICATION

FOR CONTINUATION REFER DWG C119

ALL DESIGN / SETOUT INFORMATION SHOWN ON  
THIS DRAWING IS AVAILABLE IN DIGITAL FORMAT  
FROM THE OFFICE OF THE SUPERINTENDENT UPON  
REQUEST BY THE CONTRACTOR

NOTE:  
0.00 FLOOD LEVEL  
RL 8.24m AHD



PLANS AND DOCUMENTS  
referred to in the PDA APPROVAL  
17 DEC 2013  
MEDQ

|              |                        |                    |          |               |             |
|--------------|------------------------|--------------------|----------|---------------|-------------|
| <b>Issue</b> |                        | <b>Description</b> |          | <b>Author</b> | <b>Date</b> |
| B2           | LIMIT OF WORKS AMENDED | T.D                | 25/11/13 |               |             |
| B1           | ISSUE FOR OPW APPROVAL | B.D                | 14/10/13 |               |             |
| P2           | ISSUE FOR COMMENT      | B.D                | 21/09/13 |               |             |
| P1           | PRELIMINARY ISSUE      | B.D                | 04/07/13 |               |             |

|              |                   |                                          |  |
|--------------|-------------------|------------------------------------------|--|
| <b>Scale</b> |                   | <b>Architect</b>                         |  |
| 0            | 5 10 20 30 40 50m | <b>ARCHIPELAGO</b>                       |  |
| 1 : 500      |                   | FILENAME: C117-C119-4A005621-BLK EWS.DWG |  |

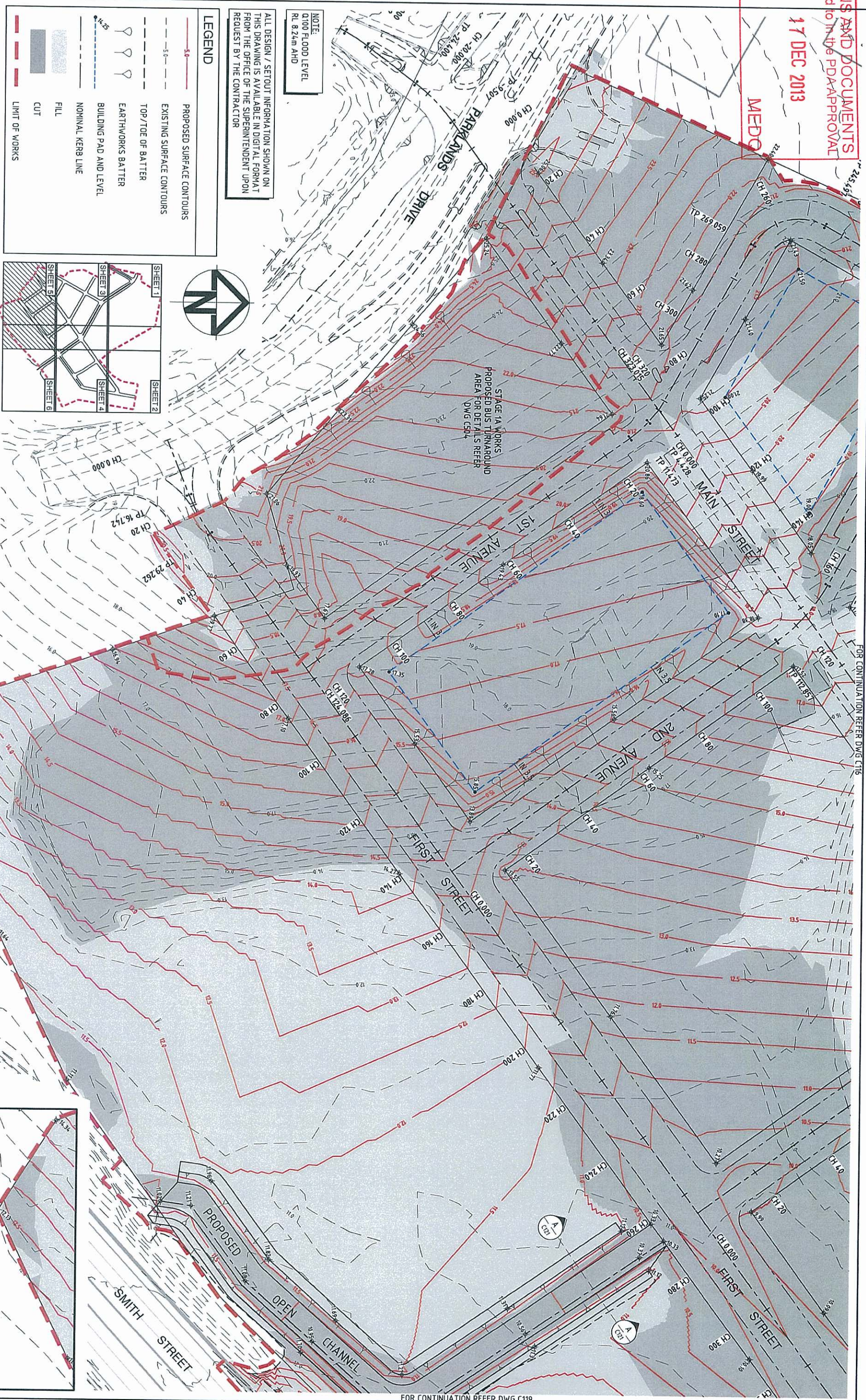
|                                                                                                                                                                          |  |                                                                                                  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------|--|
| <b>Supervisor</b>                                                                                                                                                        |  | <b>Client</b>                                                                                    |  |
| <b>BENNETT + BENNETT</b><br>Property Consultants, Surveyors & Town Planners<br>As noted by: P.O. Box 5021, GOVIND, QLD 4710<br>Mobile: 08 9438 4000<br>Fax: 08 9438 4002 |  | <b>Queensland Government</b><br>DEPARTMENT OF STATE<br>DEVELOPMENT, INFRASTRUCTURE<br>& PLANNING |  |

|                                             |                                       |                                              |  |
|---------------------------------------------|---------------------------------------|----------------------------------------------|--|
| <b>Status</b>                               |                                       | <b>Project</b>                               |  |
| <b>FOR APPROVAL</b><br>NOT FOR CONSTRUCTION |                                       | <b>GOLD COAST</b><br>PARKLANDS REDEVELOPMENT |  |
| Approved                                    | Signature: [Signature] Date: 15/01/14 | BULK EARTHWORKS                              |  |
| Current Issue                               | Signature: [Signature] Date: 15/01/14 | CUT & FILL PLAN - SHEET 4 OF 6               |  |

|                                                                                                                                                         |  |                                  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------|--|
| <b>Hyder</b>                                                                                                                                            |  | <b>Hyder</b>                     |  |
| ABN 76 104 486 289<br>P.O. Box 1653<br>Southport QLD 4215<br>Australia<br>Tel: +61 (0)7 5592 9933<br>Fax: +61 (0)7 5591 4778<br>www.hyderconsulting.com |  | Project No. C117 - AA005621 - 02 |  |

17 DEC 2013

MEDQ

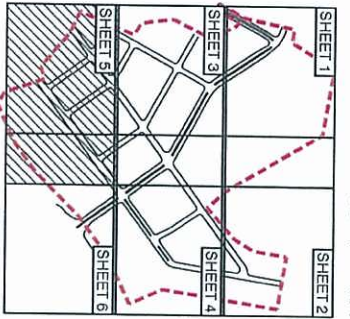


ALL DESIGN / SETOUT INFORMATION SHOWN ON THIS DRAWING IS AVAILABLE IN DIGITAL FORMAT FROM THE OFFICE OF THE SUPERINTENDENT UPON REQUEST BY THE CONTRACTOR

NOTE:  
0100 FLOOD LEVEL  
RL 8.24m AHD

LEGEND

- PROPOSED SURFACE CONTOURS
- EXISTING SURFACE CONTOURS
- TOP/TOE OF BATTER
- EARTHWORKS BATTER
- BUILDING PAD AND LEVEL
- NOMINAL KERB LINE
- FILL
- CUT
- LIMIT OF WORKS



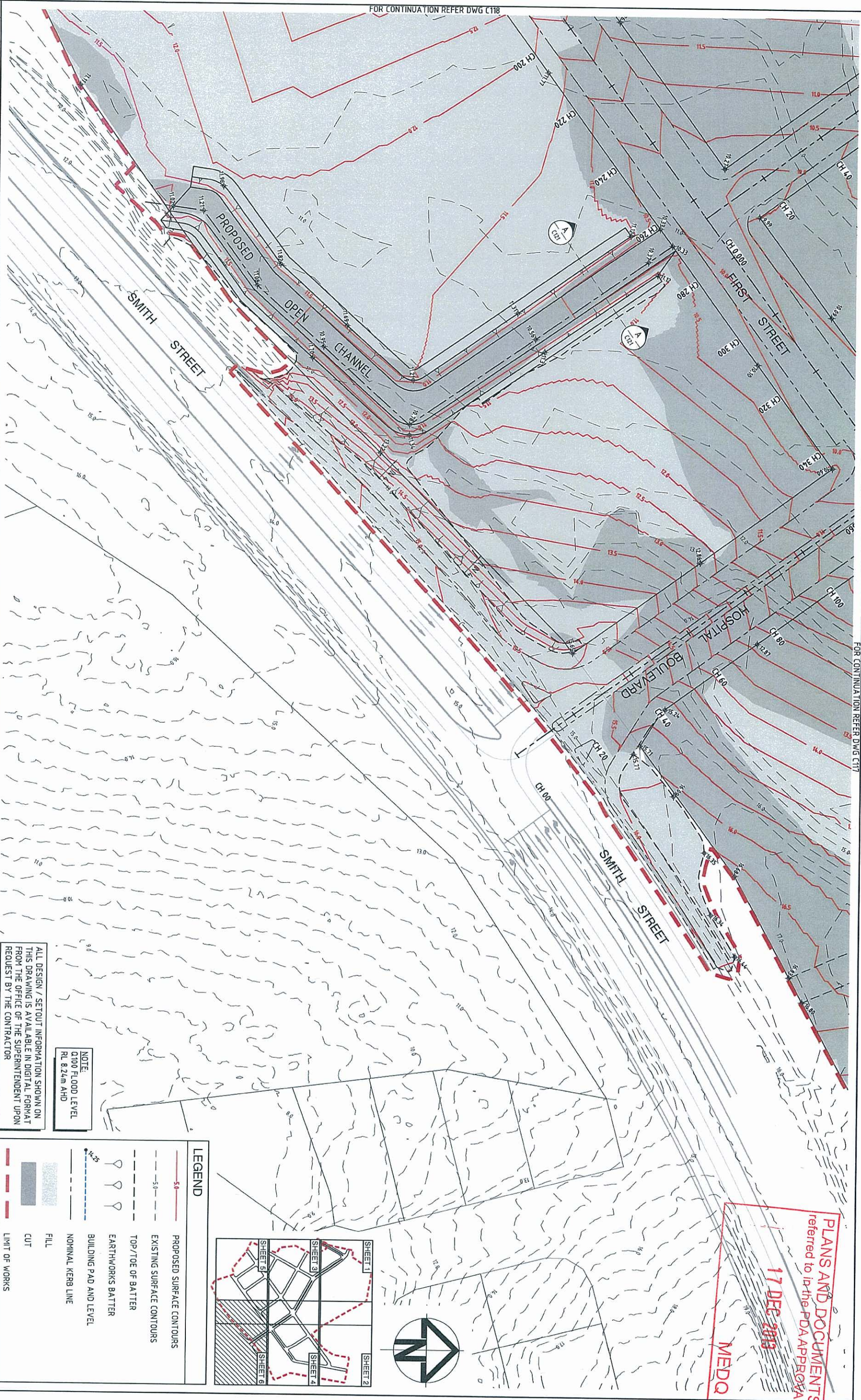
FOR CONTINUATION REFER DWG C116

INSET

FOR CONTINUATION REFER DWG C119

|       |                         |        |          |       |                     |       |           |                                                                                                                                                                                                                                |        |                                                                                           |        |                                      |         |                                                                                               |       |                                                                                                                                                                          |
|-------|-------------------------|--------|----------|-------|---------------------|-------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------|--------|--------------------------------------|---------|-----------------------------------------------------------------------------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01    | ISSUE FOR PD&A APPROVAL | BD     | 14/10/13 | Scale | 0 5 10 20 30 40 50m | 1:500 | Architect | BENNETT • BENNETT<br>Property Consultants, Surveyors & Town Planners<br>Attn: Mr. P.D. Bennett, G.D.M.C. (CIVIL), CH. 8720<br>PO Box 6021, QLD 4031<br>Ph: (07) 5591 4477<br>Fax: (07) 5591 4478<br>www.bennett-bennett.com.au | Client | Queensland Government<br>DEPARTMENT OF STATE<br>DEVELOPMENT, INFRASTRUCTURE<br>& PLANNING | Status | FOR APPROVAL<br>NOT FOR CONSTRUCTION | Project | GOLD COAST<br>PARKLANDS REDEVELOPMENT<br>BULK EARTHWORKS<br>CUT & FILL PLAN -<br>SHEET 5 OF 6 | Hyder | HYDER CONSULTING PTY. LTD<br>ABN 76 104 485 289<br>P.O. Box 1653<br>Southport, QLD 4215<br>Tel: +61 (07) 5592 3933<br>Fax: +61 (07) 5591 4778<br>www.hyderconsulting.com |
| 02    | ISSUE FOR COMMENT       | BD     | 20/08/13 | Scale | 0 5 10 20 30 40 50m | 1:500 | Architect | BENNETT • BENNETT<br>Property Consultants, Surveyors & Town Planners<br>Attn: Mr. P.D. Bennett, G.D.M.C. (CIVIL), CH. 8720<br>PO Box 6021, QLD 4031<br>Ph: (07) 5591 4477<br>Fax: (07) 5591 4478<br>www.bennett-bennett.com.au | Client | Queensland Government<br>DEPARTMENT OF STATE<br>DEVELOPMENT, INFRASTRUCTURE<br>& PLANNING | Status | FOR APPROVAL<br>NOT FOR CONSTRUCTION | Project | GOLD COAST<br>PARKLANDS REDEVELOPMENT<br>BULK EARTHWORKS<br>CUT & FILL PLAN -<br>SHEET 5 OF 6 | Hyder | HYDER CONSULTING PTY. LTD<br>ABN 76 104 485 289<br>P.O. Box 1653<br>Southport, QLD 4215<br>Tel: +61 (07) 5592 3933<br>Fax: +61 (07) 5591 4778<br>www.hyderconsulting.com |
| 03    | PRELIMINARY ISSUE       | BD     | 14/07/13 | Scale | 0 5 10 20 30 40 50m | 1:500 | Architect | BENNETT • BENNETT<br>Property Consultants, Surveyors & Town Planners<br>Attn: Mr. P.D. Bennett, G.D.M.C. (CIVIL), CH. 8720<br>PO Box 6021, QLD 4031<br>Ph: (07) 5591 4477<br>Fax: (07) 5591 4478<br>www.bennett-bennett.com.au | Client | Queensland Government<br>DEPARTMENT OF STATE<br>DEVELOPMENT, INFRASTRUCTURE<br>& PLANNING | Status | FOR APPROVAL<br>NOT FOR CONSTRUCTION | Project | GOLD COAST<br>PARKLANDS REDEVELOPMENT<br>BULK EARTHWORKS<br>CUT & FILL PLAN -<br>SHEET 5 OF 6 | Hyder | HYDER CONSULTING PTY. LTD<br>ABN 76 104 485 289<br>P.O. Box 1653<br>Southport, QLD 4215<br>Tel: +61 (07) 5592 3933<br>Fax: +61 (07) 5591 4778<br>www.hyderconsulting.com |
| Issue | Description             | Author | Date     | Scale | 0 5 10 20 30 40 50m | 1:500 | Architect | BENNETT • BENNETT<br>Property Consultants, Surveyors & Town Planners<br>Attn: Mr. P.D. Bennett, G.D.M.C. (CIVIL), CH. 8720<br>PO Box 6021, QLD 4031<br>Ph: (07) 5591 4477<br>Fax: (07) 5591 4478<br>www.bennett-bennett.com.au | Client | Queensland Government<br>DEPARTMENT OF STATE<br>DEVELOPMENT, INFRASTRUCTURE<br>& PLANNING | Status | FOR APPROVAL<br>NOT FOR CONSTRUCTION | Project | GOLD COAST<br>PARKLANDS REDEVELOPMENT<br>BULK EARTHWORKS<br>CUT & FILL PLAN -<br>SHEET 5 OF 6 | Hyder | HYDER CONSULTING PTY. LTD<br>ABN 76 104 485 289<br>P.O. Box 1653<br>Southport, QLD 4215<br>Tel: +61 (07) 5592 3933<br>Fax: +61 (07) 5591 4778<br>www.hyderconsulting.com |

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|                           |  |        |          |                                         |                                                                                                                                                                                                                              |                                                                                                            |                                                                                                                                                                             |                                                                                                                                           |                                                                      |                                                                     |                               |                                                                                                                                                                                       |  |  |  |  |  |
|---------------------------|--|--------|----------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| 01 ISSUE FOR DPW APPROVAL |  | BD     | 14/07/13 | Scale<br>0 5 10 20 30 40 50m<br>1 : 500 | Architect<br><b>BENNETT + BENNETT</b><br>CONSULTING OFFICE<br>Property Consultants, Surveyors & Town Planners<br>Aerial to: PO Box 6021, QLD, 4041 9728<br>melbourne@bennett.com.au<br>Melbourne 4001<br>Phone: 03 9593 4000 | Client<br><b>Queensland Government</b><br>DEPARTMENT OF STATE<br>DEVELOPMENT, INFRASTRUCTURE<br>& PLANNING | Status<br><b>FOR APPROVAL</b><br>NOT FOR CONSTRUCTION<br>Approved <i>for VLM</i> REP. No: 8677<br>Scales<br>Original<br>Size<br>A1<br>Height<br>Datum<br>AHD<br>Grid<br>MGA | Project<br><b>GOLD COAST</b><br>PARKLANDS REDEVELOPMENT<br><b>BULK EARTHWORKS</b><br>BULK EARTHWORKS<br>CUT & FILL PLAN -<br>SHEET 6 OF 6 | Title<br><b>BULK EARTHWORKS</b><br>CUT & FILL PLAN -<br>SHEET 6 OF 6 | Drawing No<br><b>C119</b>                                           | Project No<br><b>AA005621</b> | Issue<br><b>01</b>                                                                                                                                                                    |  |  |  |  |  |
| 02 ISSUE FOR COMMENT      |  | BD     | 21/08/13 |                                         |                                                                                                                                                                                                                              |                                                                                                            |                                                                                                                                                                             |                                                                                                                                           |                                                                      |                                                                     |                               |                                                                                                                                                                                       |  |  |  |  |  |
| 03 PRELIMINARY ISSUE      |  | BD     | 04/07/13 |                                         |                                                                                                                                                                                                                              |                                                                                                            |                                                                                                                                                                             |                                                                                                                                           |                                                                      |                                                                     |                               |                                                                                                                                                                                       |  |  |  |  |  |
| Issue Description         |  | Author |          | Date                                    |                                                                                                                                                                                                                              | Filename                                                                                                   |                                                                                                                                                                             | Copyright reserved                                                                                                                        |                                                                      | VLM-2005-05-15-01\035\AA005621-01\DWG-C119-01\AA005621-BLK_EWKS.dwg |                               | Hyder                                                                                                                                                                                 |  |  |  |  |  |
|                           |  |        |          |                                         |                                                                                                                                                                                                                              |                                                                                                            |                                                                                                                                                                             |                                                                                                                                           |                                                                      |                                                                     |                               | Hyder CONSULTING PTY. LTD<br>ABN 76 104 485 589<br>P.O. Box 1653<br>Southport, QLD 4215<br>Australia<br>Tel: +61 (0)7 5592 3993<br>Fax: +61 (0)7 5591 4778<br>www.hyderconsulting.com |  |  |  |  |  |