






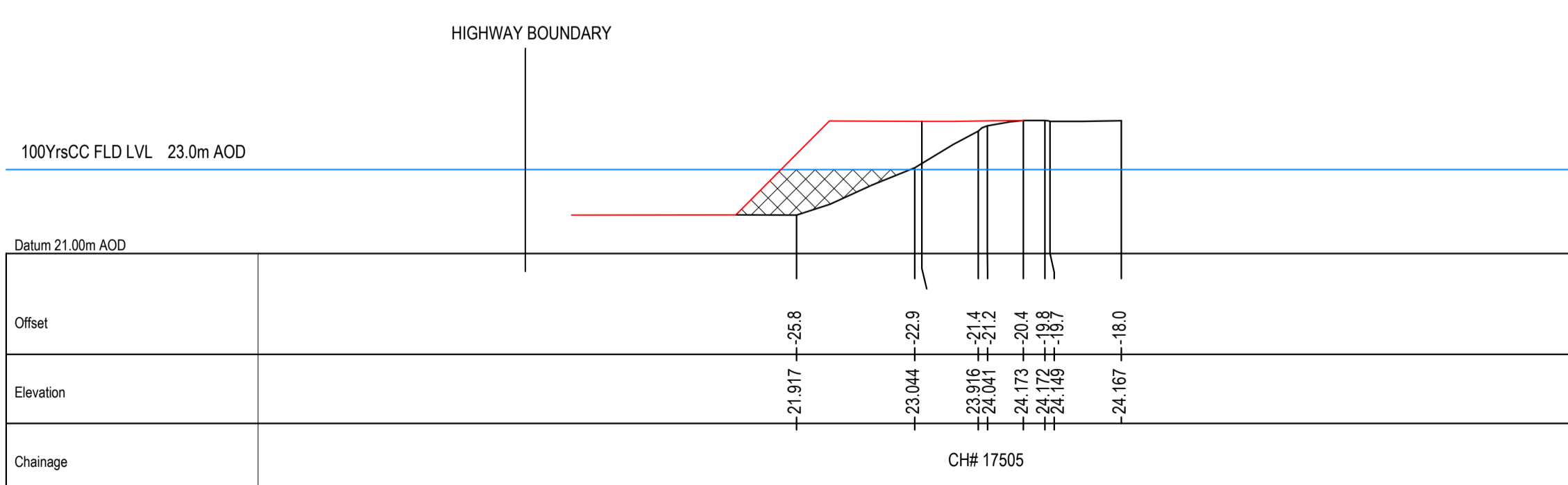
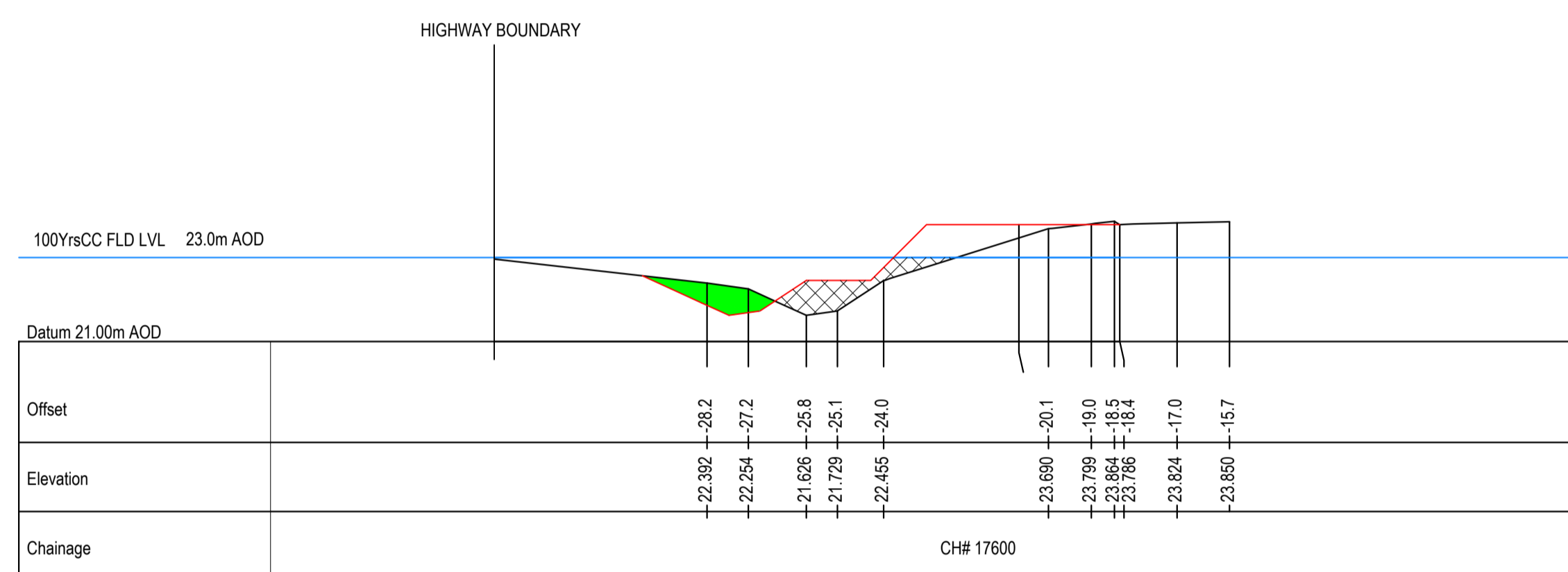
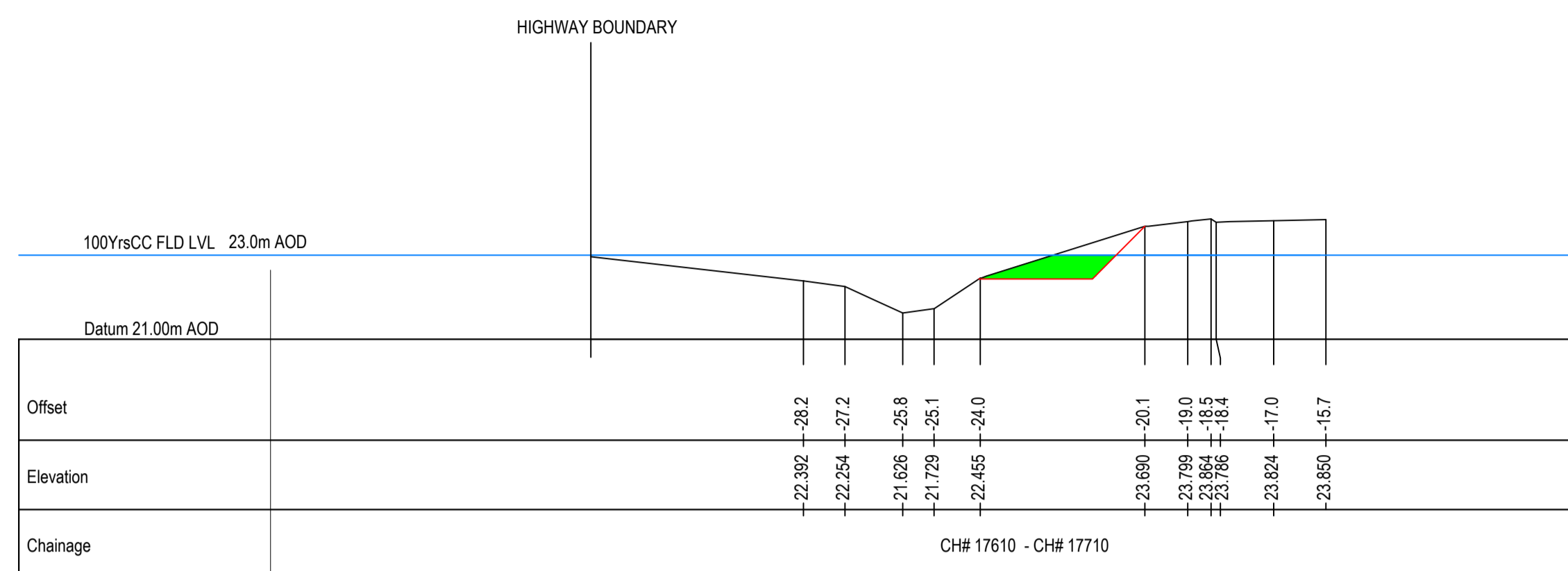
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KEY

-  100 YRS CC FLD LVL
-  EXISTING PROFILE
-  PROPOSED PROFILE
-  FLOOD COMPENSATION
-  FLOOD STORAGE LOSS



| | | | |
|------------------|-------|------|--------|
| Revision Details | By | Date | Suffix |
| | Check | | |

INFORMATION



Project Title
M4 J3 J12 FRA DRAINAGE

Drawing Title
WIDENING WORKS AND FLOOD MAPS CROSS SECTION DRAWING: SITE REF R6

| | | | | |
|--|-------------|----------------|----------------|---------------------|
| Designed BG | Drawn DU | Checked ART | Approved SF | Date 21 OCT 2015 |
| AECOM Internal Project No. 47074338 | | | Suitability | |
| Scale @ A1 1:125 | | Zone | | |

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Drawing Number
514451-MUH-00-ZZ-DR-DR400135






Rev
10

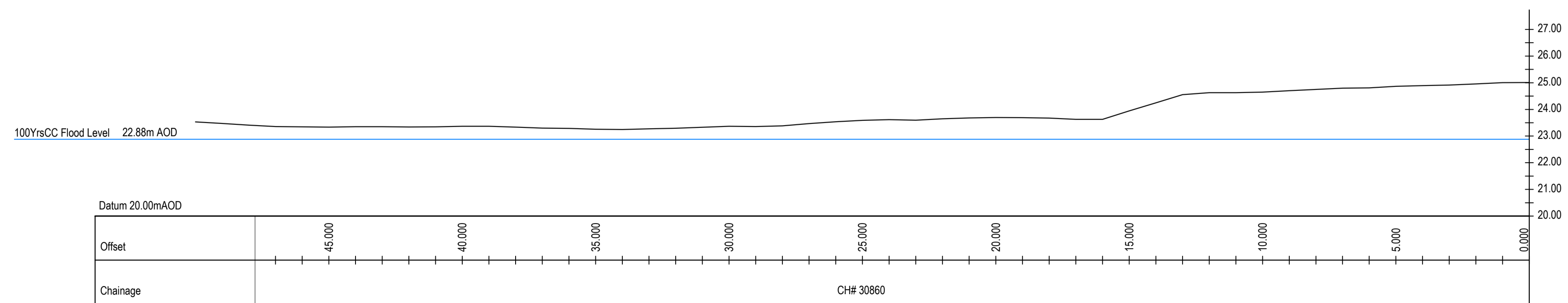
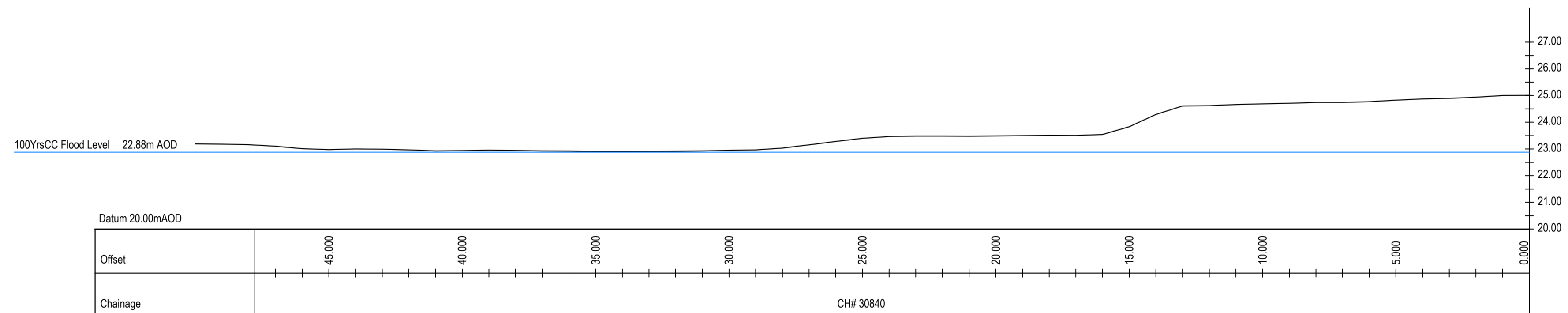
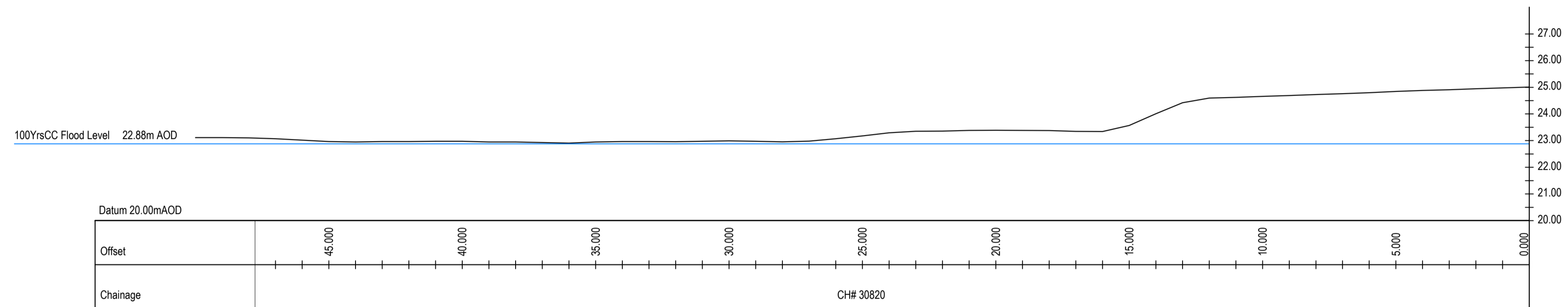
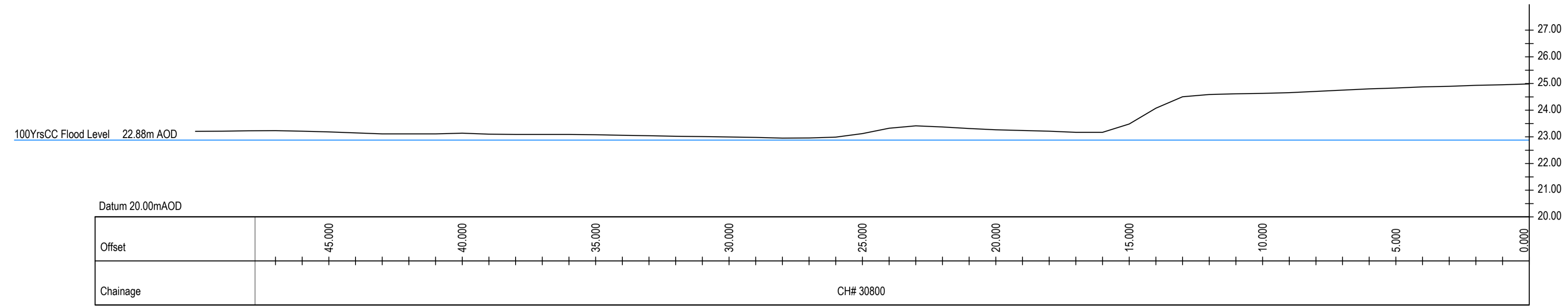
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KEY

-  100 YRS CC FLOOD LEVEL
-  EXISTING PROFILE
-  PROPOSED PROFILE
-  FLOOD COMPENSATION
-  FLOOD STORAGE LOSS



Additional area available for compensation

| | | | | |
|---------------------------------|----|-------|----------|--------|
| Scale and section text amended. | DU | ART | 24/12/15 | I1 |
| Revision Details | By | Check | Date | Suffix |
| Purpose of issue | | | | |

INFORMATION



Project Title
M4 J3 J12 FRA DRAINAGE

Drawing Title
WIDENING WORKS AND FLOOD MAPS CROSS SECTION DRAWING: SITE REF: R29 (SHEET 1 OF 3)

| | | | | |
|----------------|-------------|----------------|----------------|---------------------|
| Designed BG | Drawn DU | Checked ART | Approved SF | Date 21 OCT 2015 |
|----------------|-------------|----------------|----------------|---------------------|

AECOM Internal Project No.
47074338

Scale @ A1
1:125

Zone

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Drawing Number
514451-MUH-00-ZZ-DR-DR-400136

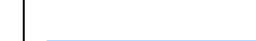




Rev
11

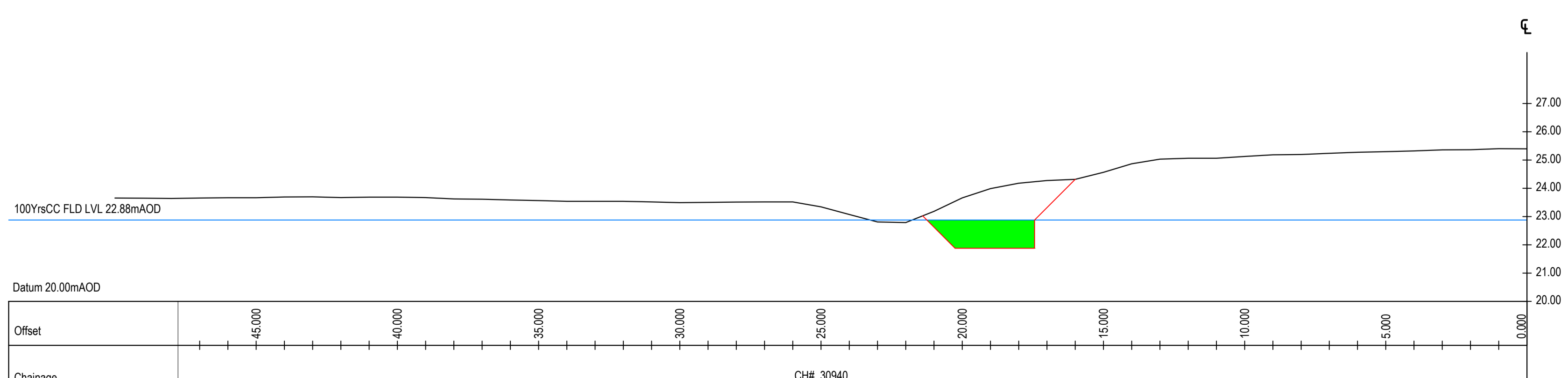
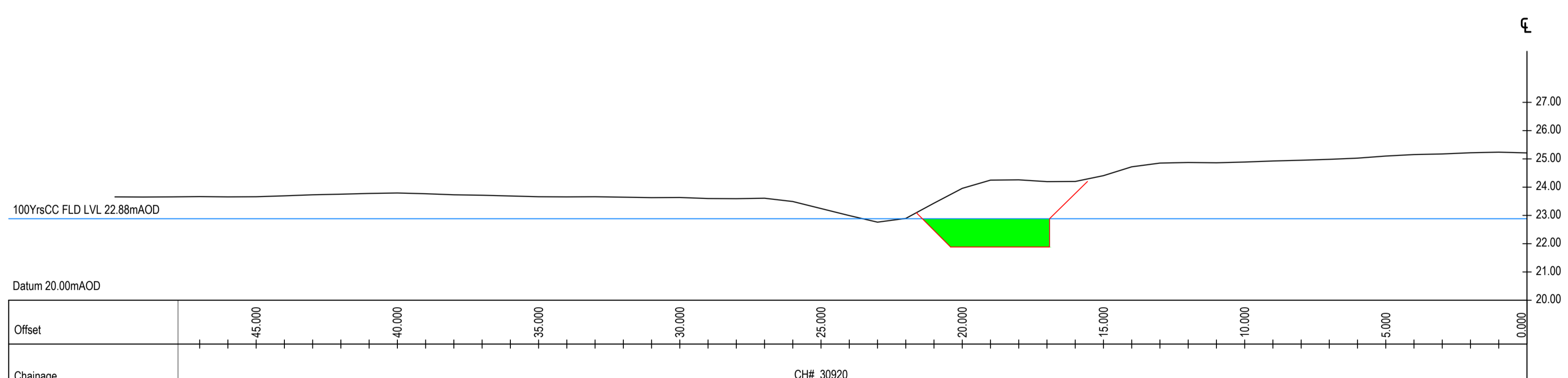
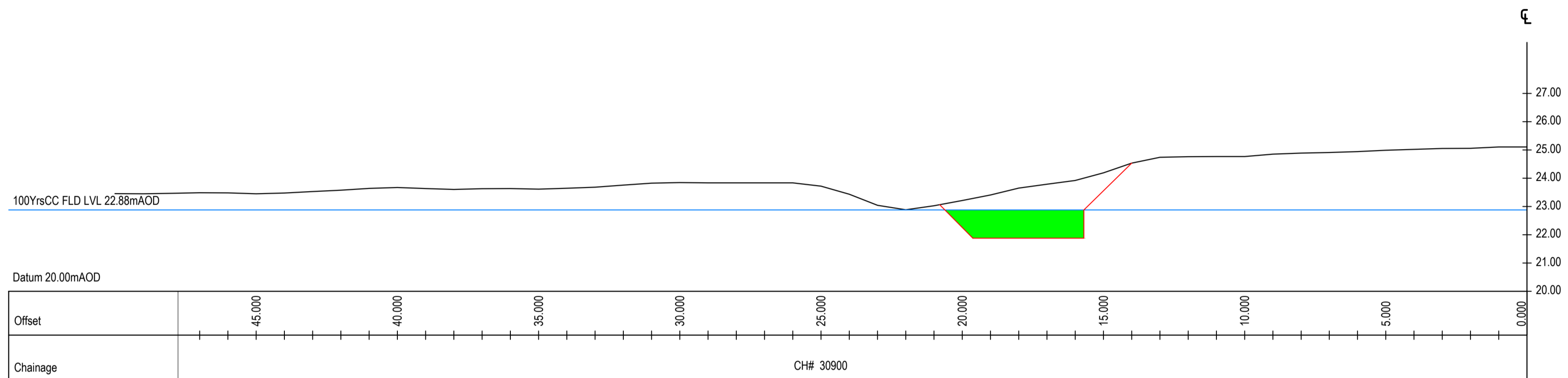
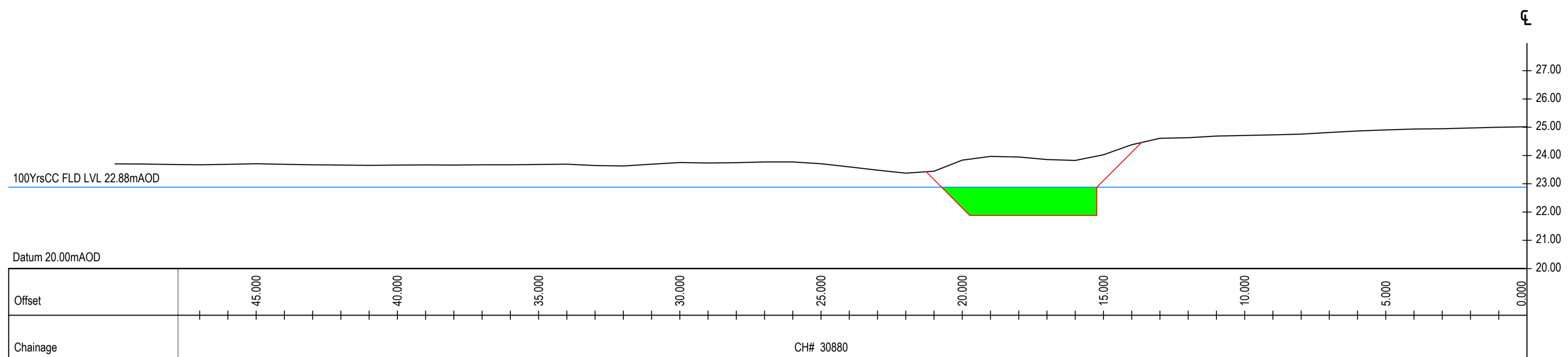
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KEY

-  100 YRS CC FLOOD LEVEL
-  EXISTING PROFILE
-  PROPOSED PROFILE
-  FLOOD COMPENSATION
-  FLOOD STORAGE LOSS



| | | | | |
|---|----|-------|----------|--------|
| Section text amended and flood level corrected. | DU | ART | 24/12/15 | 11 |
| Revision Details | By | Check | Date | Suffix |

INFORMATION



Client
 Project Title
M4 J3 J12 FRA DRAINAGE

Drawing Title
WIDENING WORKS AND FLOOD MAPS CROSS SECTION DRAWING: SITE REF R29 (SHEET 2 OF 3)

| | | | | |
|--|-------------|----------------|----------------|---------------------|
| Designed BG | Drawn DU | Checked ART | Approved SF | Date 21 OCT 2015 |
| AECOM Internal Project No. 47074338 | | Subsidiary | | |
| Scale @ A1 1:125 | | Zone | | |

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Drawing Number
514451-MUH-00-ZZ-DR-DR-400137

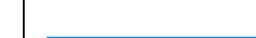




Rev
11

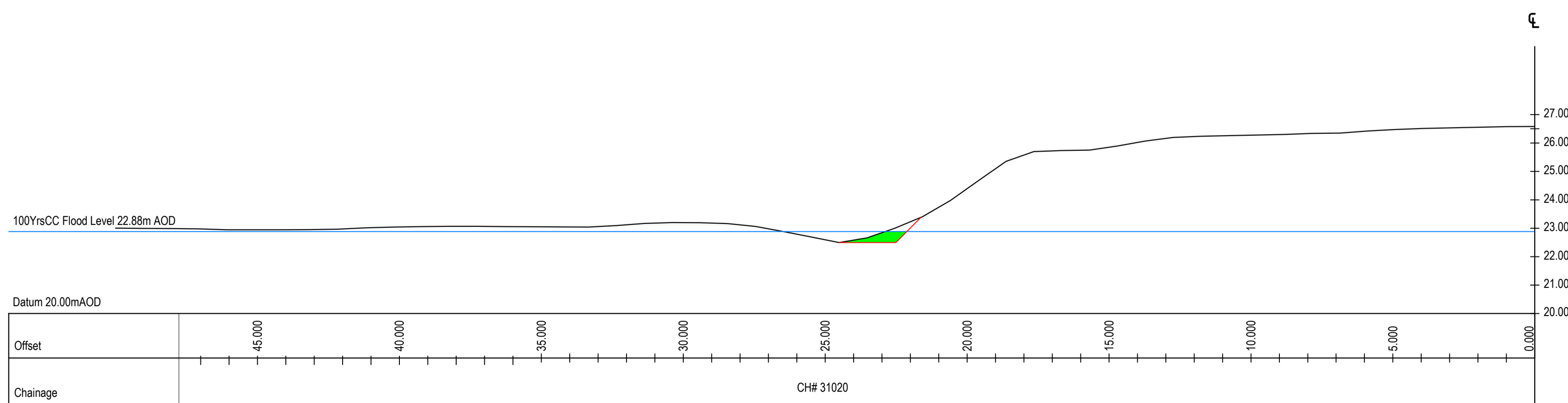
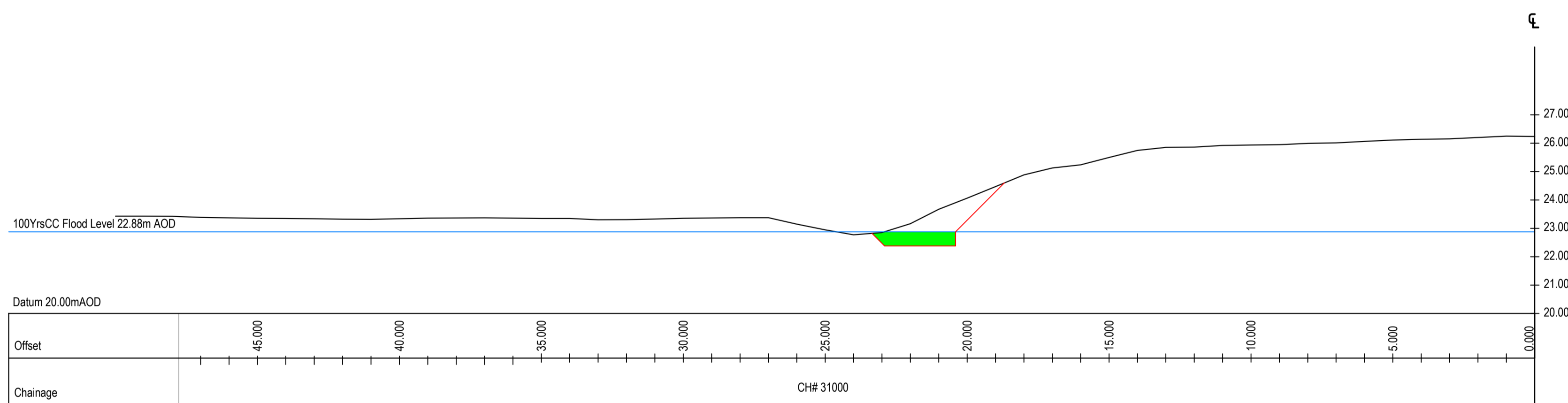
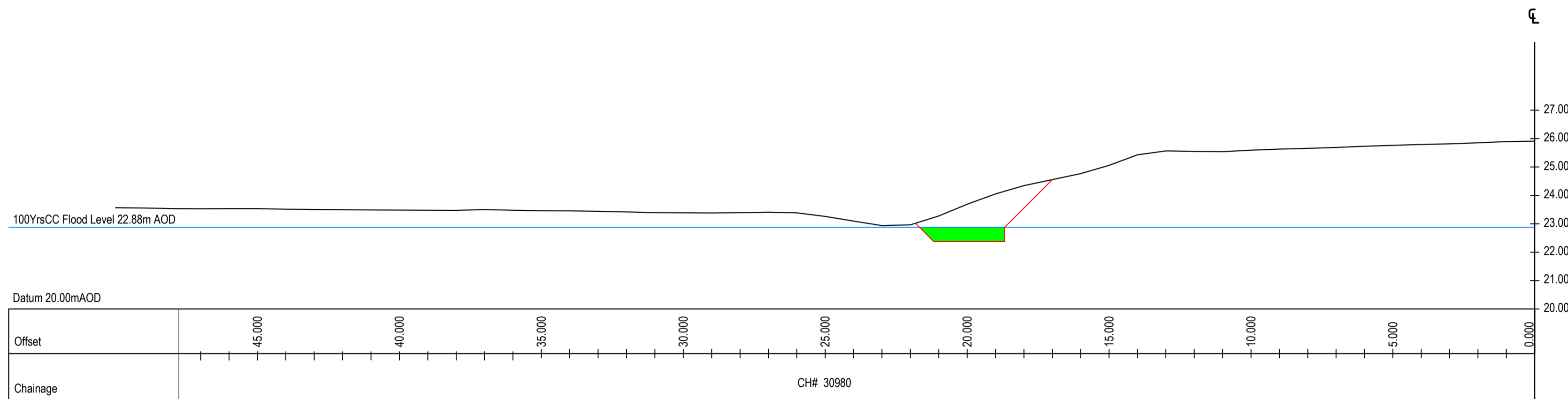
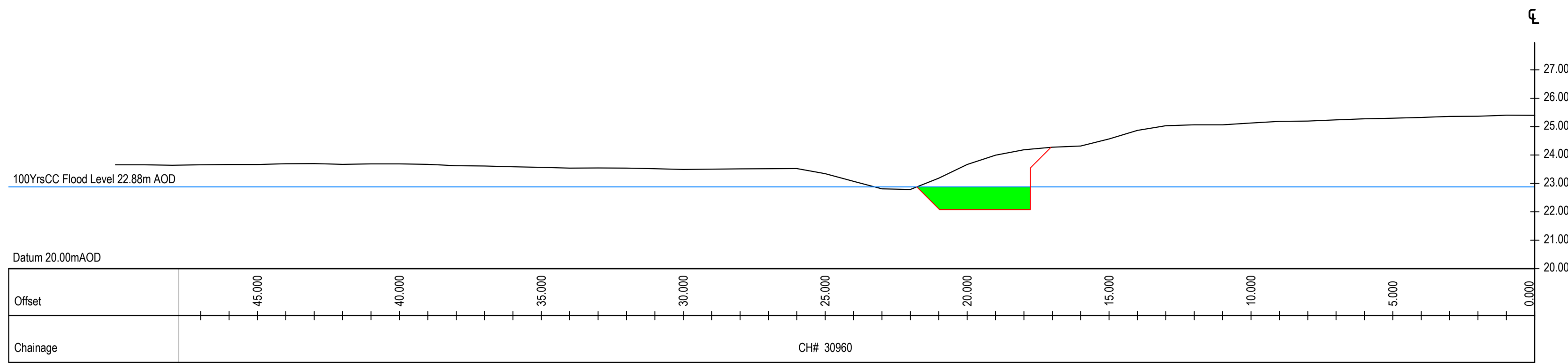
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KEY

-  100 YRS CC FLOOD LEVEL
-  EXISTING PROFILE
-  PROPOSED PROFILE
-  FLOOD COMPENSATION
-  FLOOD STORAGE LOSS



| | | | | |
|---------------------------------|-------|------|----------|----|
| Scale and section text amended. | DU | ART | 24/12/15 | 11 |
| Revision Details | By | Date | Suffix | |
| Purpose of issue | Check | | | |

INFORMATION

Client



Project Title

M4 J3 J12 FRA DRAINAGE

Drawing Title

WIDENING WORKS AND FLOOD MAPS CROSS SECTION DRAWING: SITE REF R29 (SHEET 3 OF 3)

| | | | | |
|----------------------------|-------|----------|----------|-------------|
| Designed | Drawn | Checked | Approved | Date |
| BG | DU | ART | SF | 21 OCT 2015 |
| AECOM Internal Project No. | | Subality | | |
| 47074338 | | | | |
| Scale @ A1 | | Zone | | |
| 1:125 | | | | |

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| Drawing Number | Rev |
| 514451-MUH-00-ZZ-DR-DR-400138 | 11 |

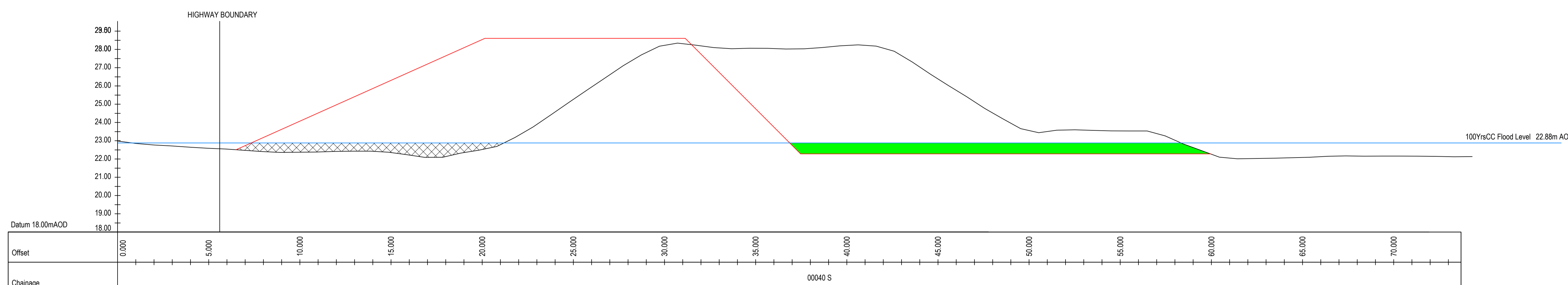
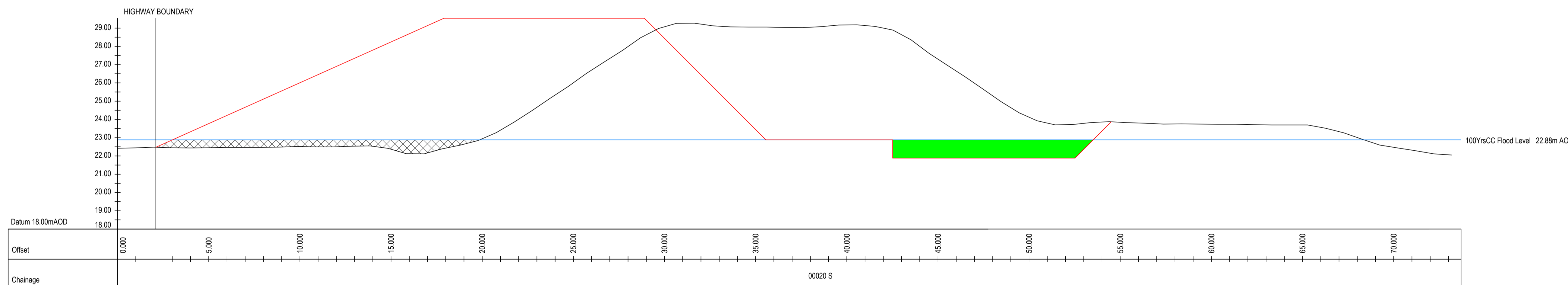
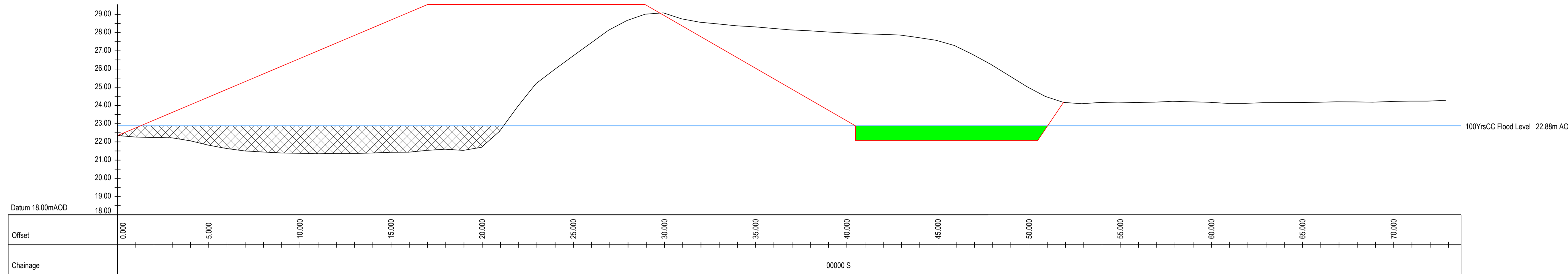
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KEY

-  100 YRS CC FLOOD LEVEL
-  EXISTING PROFILE
-  PROPOSED PROFILE
-  FLOOD COMPENSATION
-  FLOOD STORAGE LOSS



| | | | | |
|-----------------------|----|-------|----------|--------|
| Section text amended. | DU | ART | 24/12/15 | I1 |
| Revision Details | By | Check | Date | Suffix |

INFORMATION



Project Title
M4 J3 J12 FRA DRAINAGE

Drawing Title
WIDENING WORKS AND FLOOD MAPS CROSS SECTION DRAWING: SITE REF MONKEY ISLAND LANE (SHEET 1 OF 3)

| | | | | |
|--|-------------|----------------|----------------|---------------------|
| Designed BG | Drawn DU | Checked ART | Approved SF | Date 21 OCT 2015 |
| AECOM Internal Project No. 47074338 | | Subsidiary | | |
| Scale @ A1 1:125 | | Zone | | |

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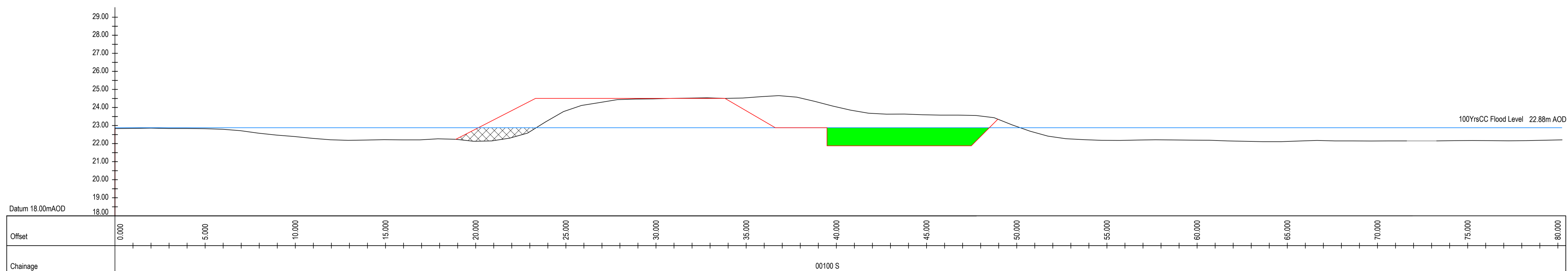
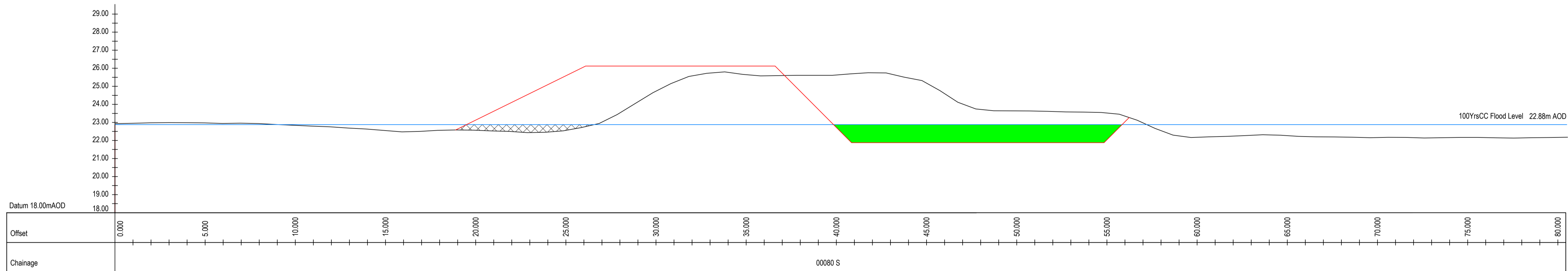
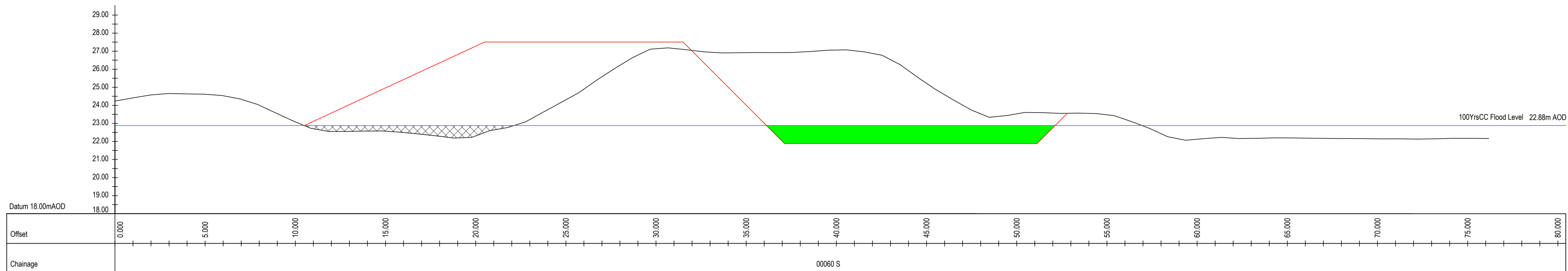
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KEY

-  100 YRS CC FLOOD LEVEL
-  EXISTING PROFILE
-  PROPOSED PROFILE
-  FLOOD COMPENSATION
-  FLOOD STORAGE LOSS



| | | | | |
|---------------------------------|----|-------|----------|--------|
| Scale and section text amended. | DU | ART | 24/12/15 | I1 |
| Revision Details | By | Check | Date | Suffix |

INFORMATION



Client
M4 J3 J12 FRA DRAINAGE

Drawing Title
WIDENING WORKS AND FLOOD MAPS CROSS SECTION DRAWING: SITE REF MONKEY ISLAND LANE (SHEET 2 OF 3)

| | | | | |
|----------|-------|---------|----------|-------------|
| Designed | Drawn | Checked | Approved | Date |
| BG | DU | ART | SF | 21 OCT 2015 |

AECOM Internal Project No. 47074338
Scale @ A1 1:125
Subsidiary Zone

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| Drawing Number | Rev |
| 514451-MUH-00-ZZ-DR-DR-400141 | 11 |

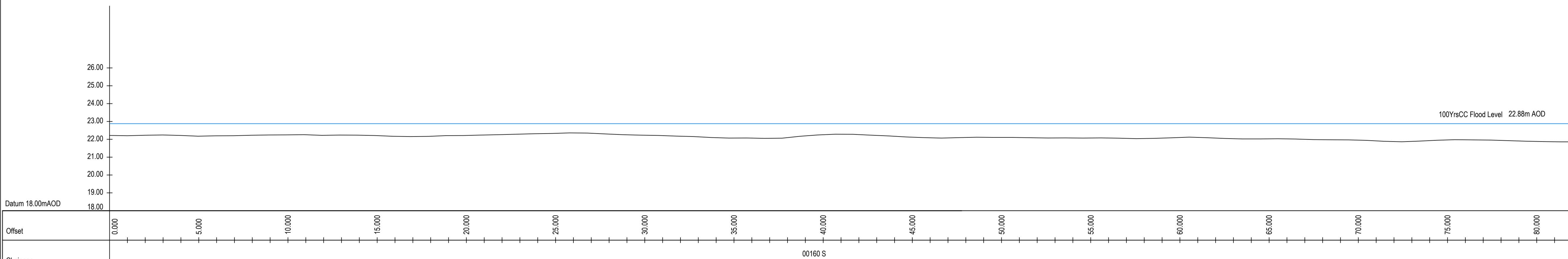
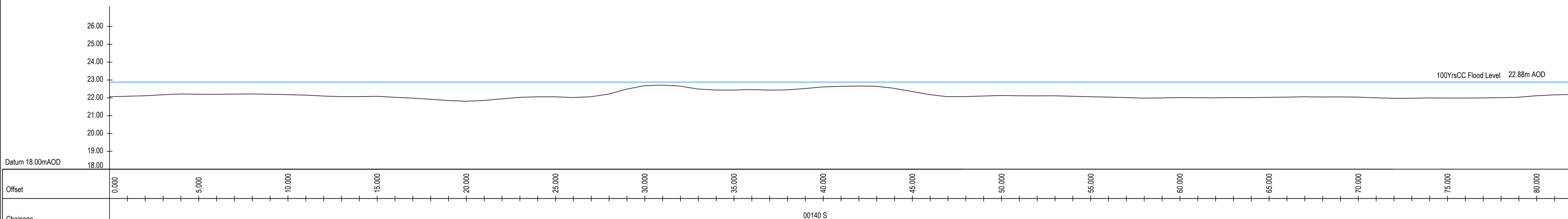
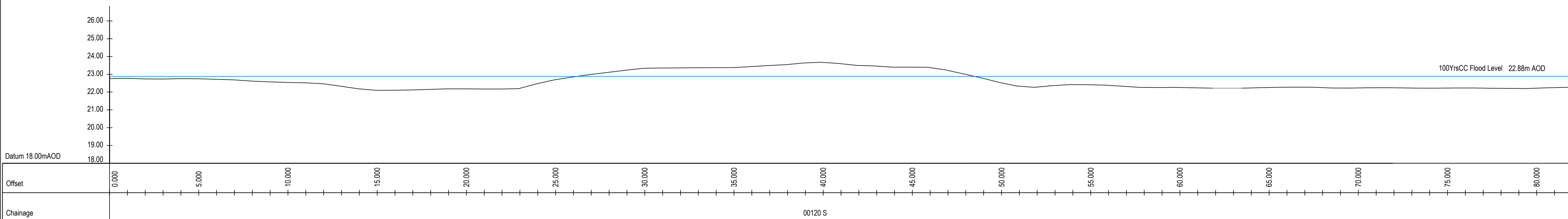
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KEY

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SECTIONS NOT AFFECTED

| | | | | |
|---------------------------------|----|-------|----------|--------|
| Scale and section text amended. | DU | ART | 24/12/15 | I1 |
| Revision Details | By | Check | Date | Suffix |

Purpose of issue

INFORMATION



Project Title
M4 J3 J12 FRA DRAINAGE

Drawing Title
WIDENING WORKS AND FLOOD MAPS CROSS SECTION DRAWING: SITE REF MONKEY ISLAND LANE (SHEET 3 OF 3)

| | | | | |
|----------|-------|---------|----------|-------------|
| Designed | Drawn | Checked | Approved | Date |
| BG | DU | ART | SF | 21 OCT 2015 |

AECOM Internal Project No. 47074338

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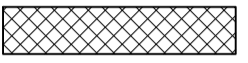
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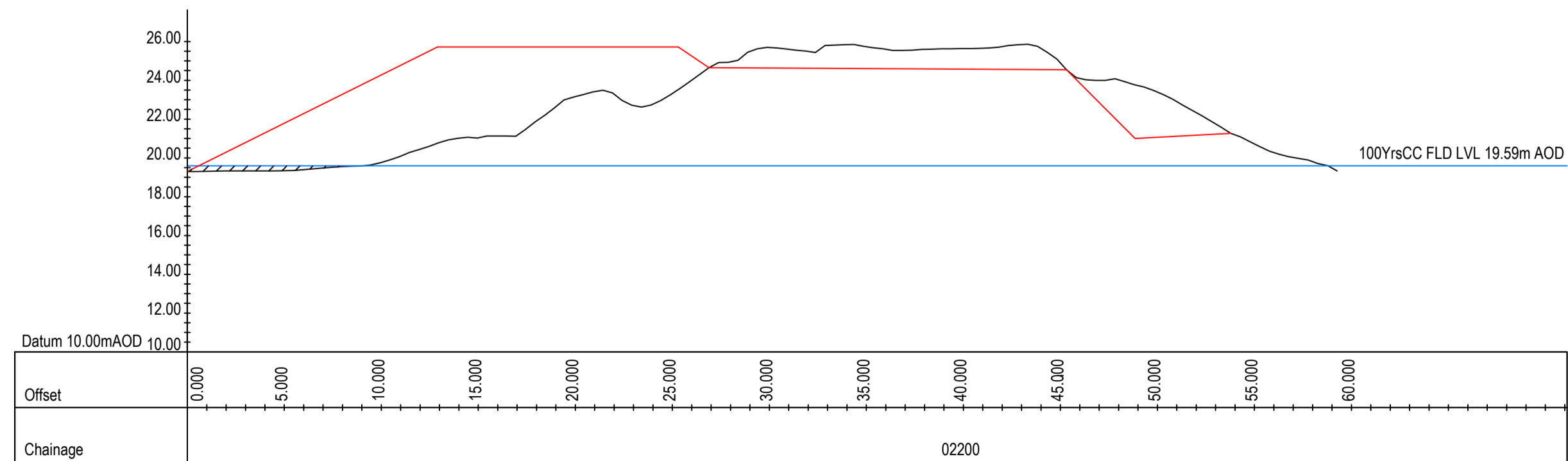
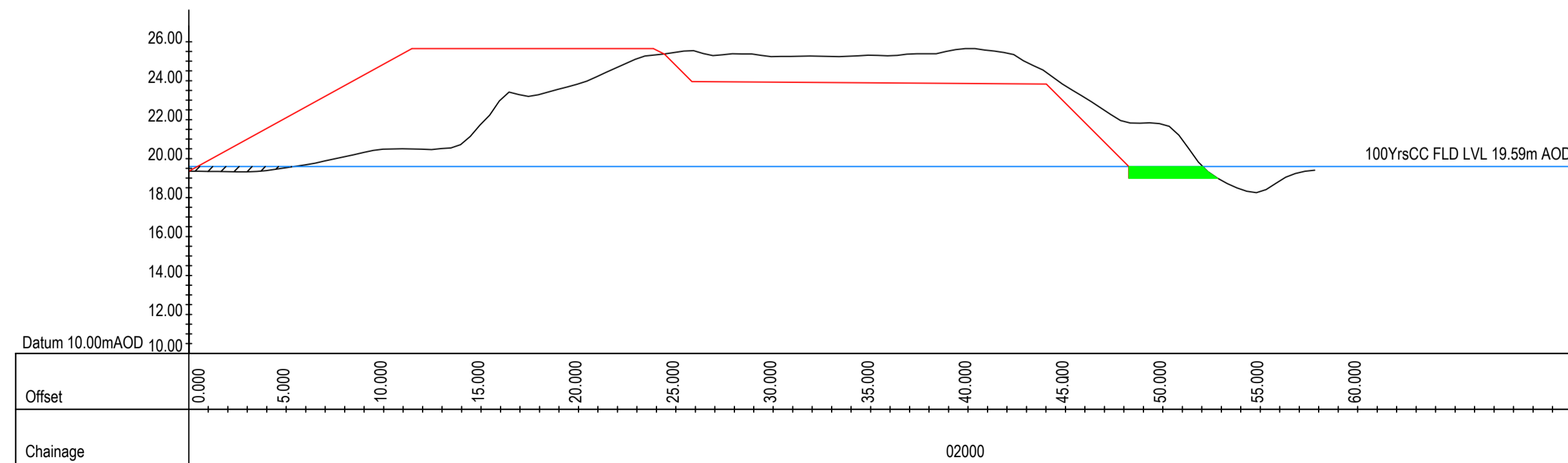
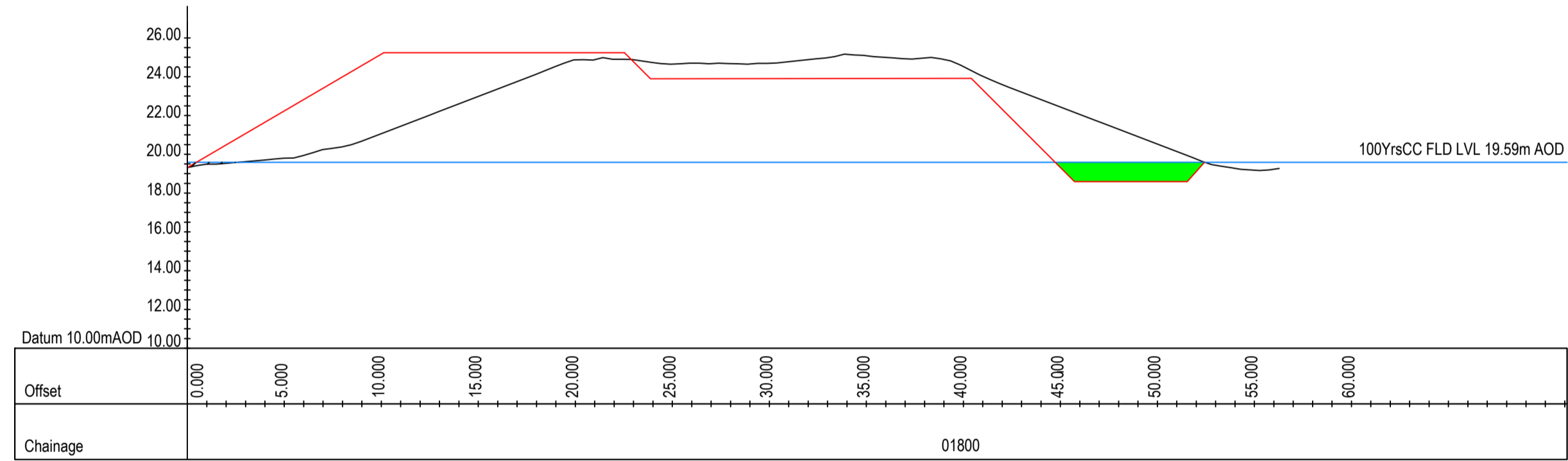
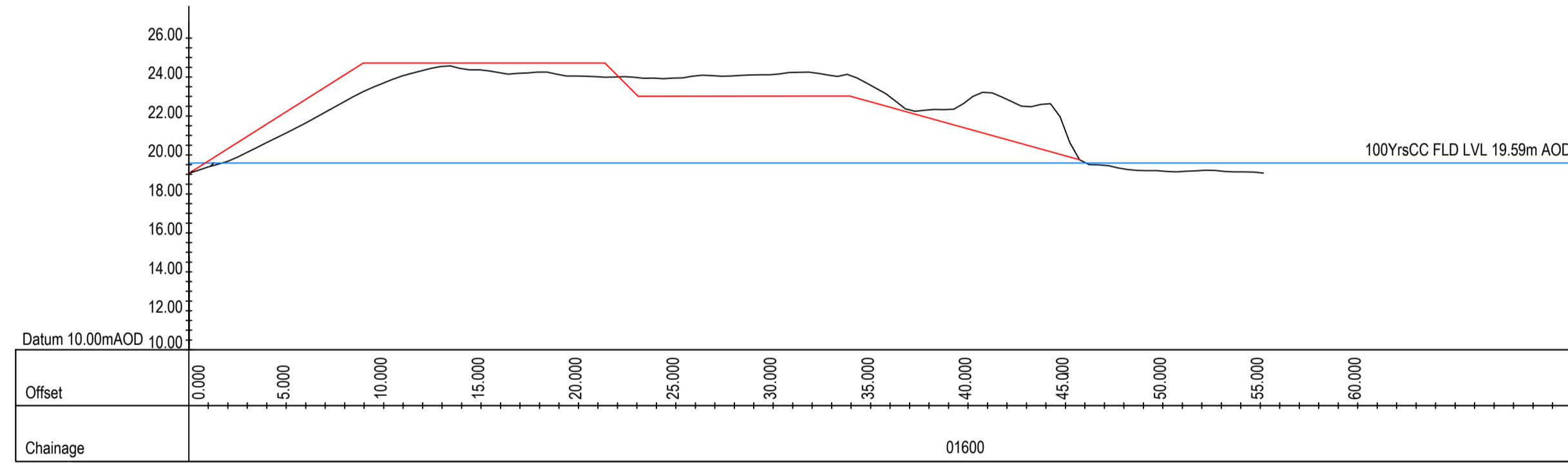
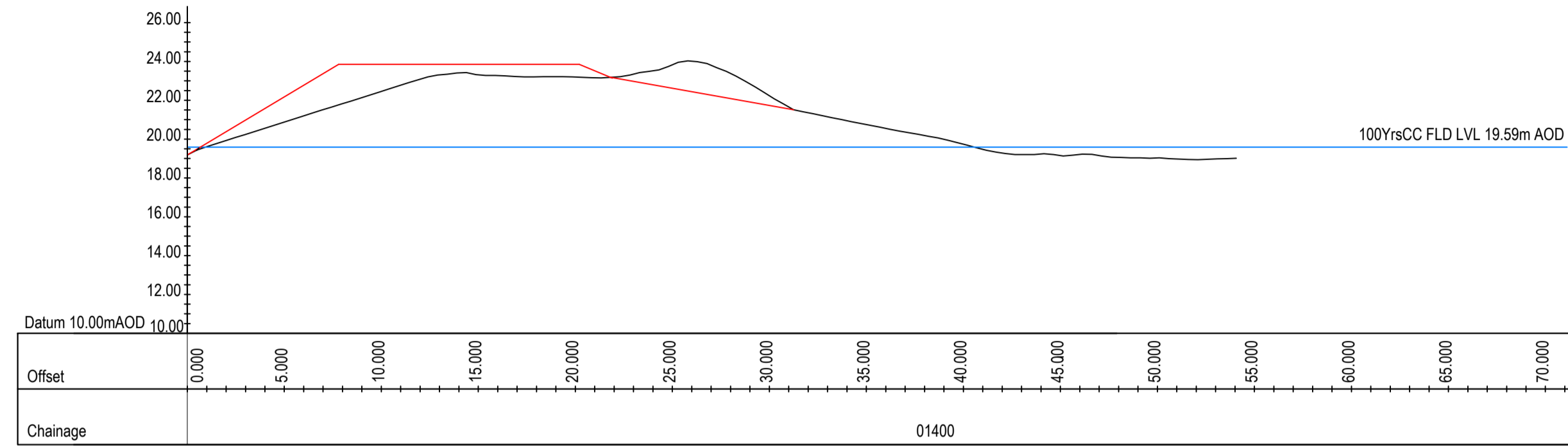
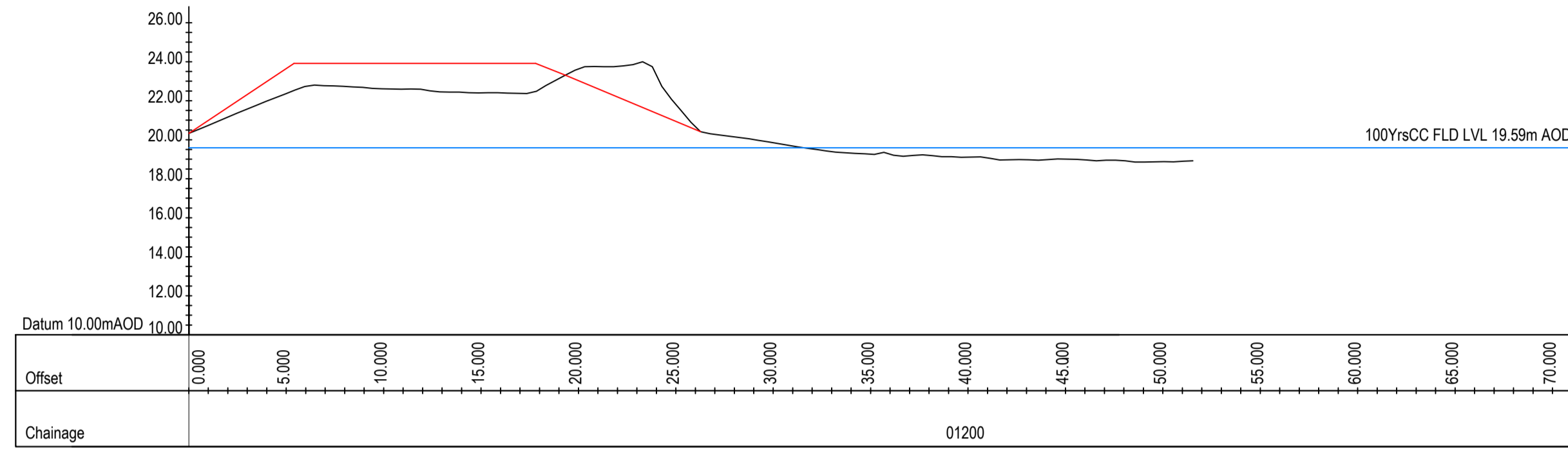
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-  FLOOD COMPENSATION
-  FLOOD STORAGE LOSS



| | | | |
|---------------------------------|-------|----------|--------|
| Scale and section text amended. | DU | 24/12/15 | 11 |
| Revision Details | By | Date | Suffix |
| | Check | | |

INFORMATION



Project Title
M4 J3 J12 FRA DRAINAGE

Drawing Title
WIDENING WORKS AND FLOOD MAPS CROSS SECTION DRAWING SITE REF: RIDING COURT ROAD

| | | | | |
|--|-------------|----------------|----------------|---------------------|
| Designed BG | Drawn DU | Checked ART | Approved SF | Date 21 OCT 2015 |
| AECOM Internal Project No. 47074338 | | | Subsidiary | |
| Scale @ A1 1:250 | | Zone | | |

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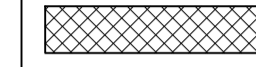
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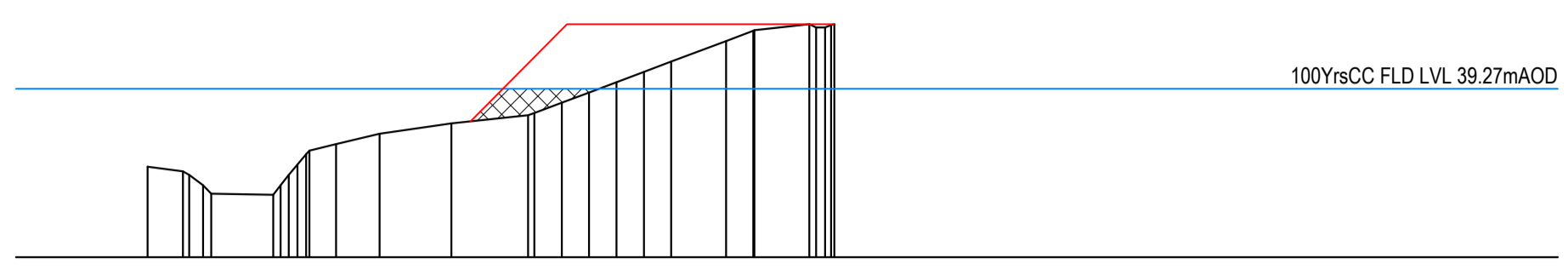
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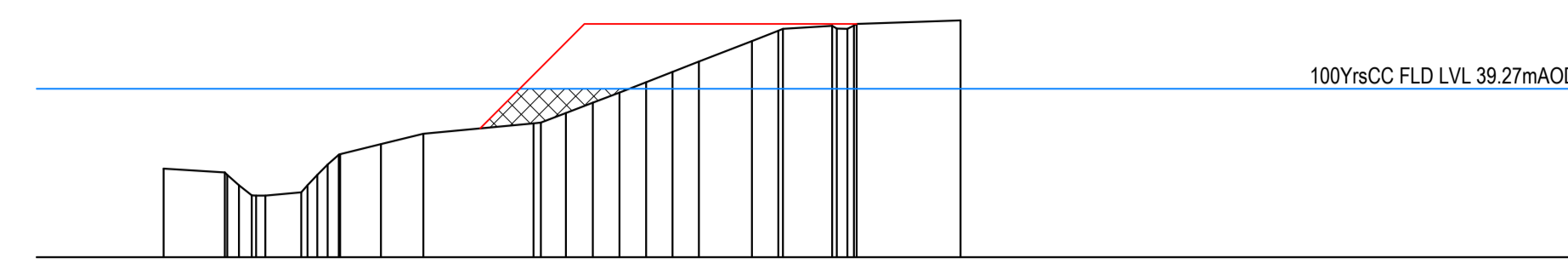
KEY

-  100 YRS CC FLOOD LEVEL
-  EXISTING PROFILE
-  PROPOSED PROFILE
-  FLOOD COMPENSATION
-  FLOOD STORAGE LOSS



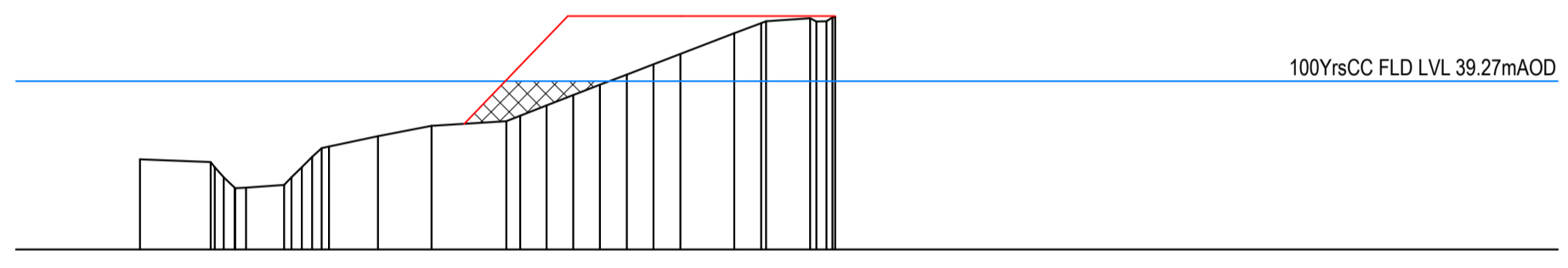
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| Offset | 37.760 -27.438 37.671 -26.749 37.400 -26.200 37.214 -24.995 37.000 -24.000 36.800 -23.281 36.200 -23.771 | 38.400 -22.924 38.600 -21.525 38.756 -20.032 38.800 -19.305 38.200 -18.848 38.400 -18.315 38.600 -17.762 38.800 -17.249 40.200 -16.184 40.400 -15.653 40.500 -14.958 40.506 -14.077 |
| Level | | |
| Chainage | 56180.000 | |



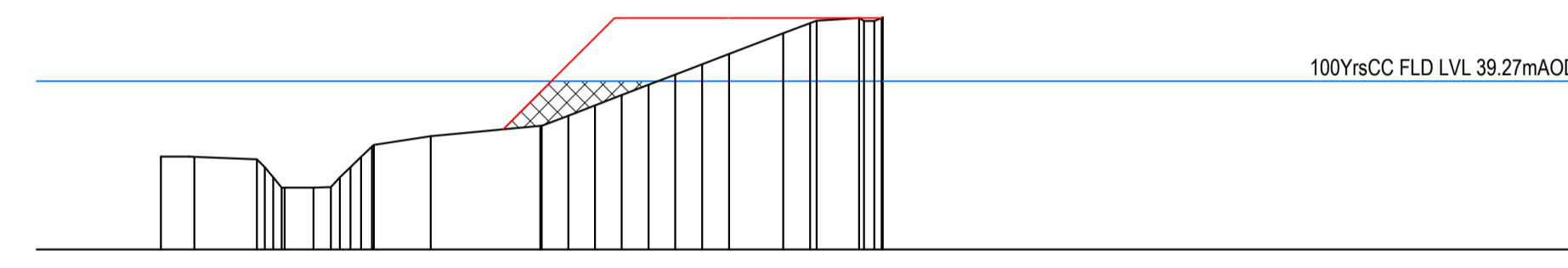
Datum = 36.00m AOD

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| Offset | 37.719 -27.531 37.546 -26.788 37.400 -26.200 37.200 -24.995 37.000 -24.000 36.800 -23.281 | 38.200 -23.298 38.400 -22.475 38.600 -20.731 38.800 -19.700 39.000 -18.778 39.200 -18.669 39.400 -18.443 39.600 -18.225 39.800 -17.113 40.200 -16.084 40.400 -15.569 40.498 -14.920 40.506 -14.064 | 40.600 -12.025 |
| Level | | | |
| Chainage | 56190.000 | | |



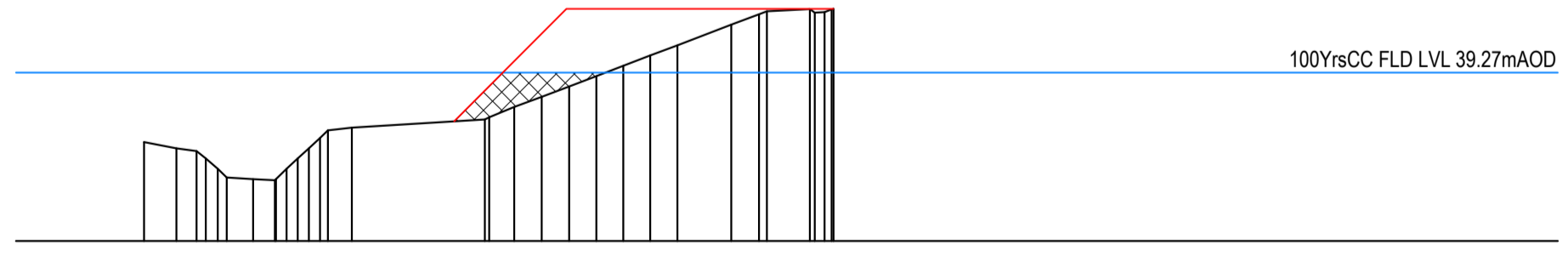
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| Offset | 37.751 -27.585 37.698 -26.611 37.200 -25.923 37.000 -24.438 36.800 -23.967 36.200 -22.854 38.400 -21.911 | 38.665 -20.188 38.800 -19.672 39.000 -19.155 39.200 -18.656 39.400 -18.115 39.600 -17.593 39.800 -17.070 40.200 -16.023 40.400 -15.402 40.498 -14.920 40.506 -14.063 |
| Level | | |
| Chainage | 56200.000 | |



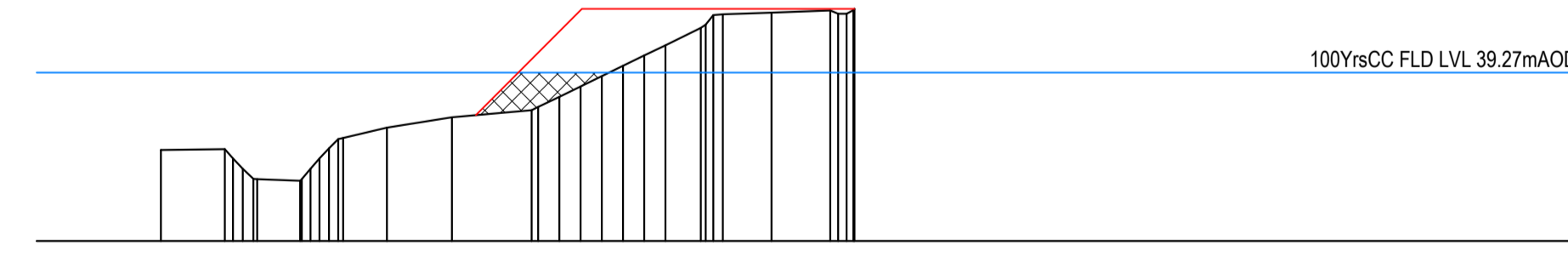
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| Level | | |
| Chainage | 56210.000 | |



Datum = 36.00m AOD

| | | |
|----------|--|--|
| Offset | 37.917 -27.506 37.800 -26.825 37.433 -25.869 37.200 -24.384 37.000 -24.516 36.800 -24.094 36.200 -23.463 | 38.300 -20.765 38.600 -20.305 38.800 -19.771 39.000 -19.235 39.200 -18.706 39.400 -18.166 39.600 -17.652 39.800 -17.132 40.200 -16.080 40.400 -15.563 40.498 -14.920 40.506 -14.064 |
| Level | | |
| Chainage | 56220.000 | |



Datum = 36.00m AOD

| | | |
|----------|--|--|
| Offset | 37.763 -27.579 37.758 -26.835 37.200 -25.769 37.188 -24.870 37.000 -24.494 36.800 -24.039 36.200 -23.185 | 38.400 -21.922 38.600 -20.370 38.800 -19.417 39.000 -18.417 39.200 -18.003 39.400 -18.650 39.600 -17.765 39.800 -17.078 40.135 -16.650 40.400 -15.703 40.431 -15.703 40.498 -14.920 40.506 -14.068 |
| Level | | |
| Chainage | 56230.000 | |

| | | | | |
|--|----|-------|----------|--------|
| Hatching for chainage 56180 corrected. | DU | ART | 08/11/16 | I1 |
| Revision Details | By | Check | Date | Suffix |

INFORMATION



Client
Project Title
M4 J3 J12 FRA DRAINAGE

WIDENING WORKS AND FLOOD MAPS CROSS SECTION DRAWING SITE REF E9-A1 (SHEET 1 OF 3)

| | | | | |
|-------------------------------------|----------|-------------|-------------|------------------|
| Designated BG | Drawn DU | Checked ART | Approved SF | Date 21 OCT 2015 |
| AECOM Internal Project No. 47074338 | | | Subsidiary | |
| Scale @ A1 1:250 | | | Zone | |

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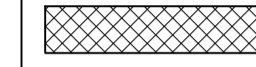
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| Drawing Number | 514451-MUH-00-ZZ-DR-DR-400144 | Rev | I1 |
|----------------|-------------------------------|-----|----|

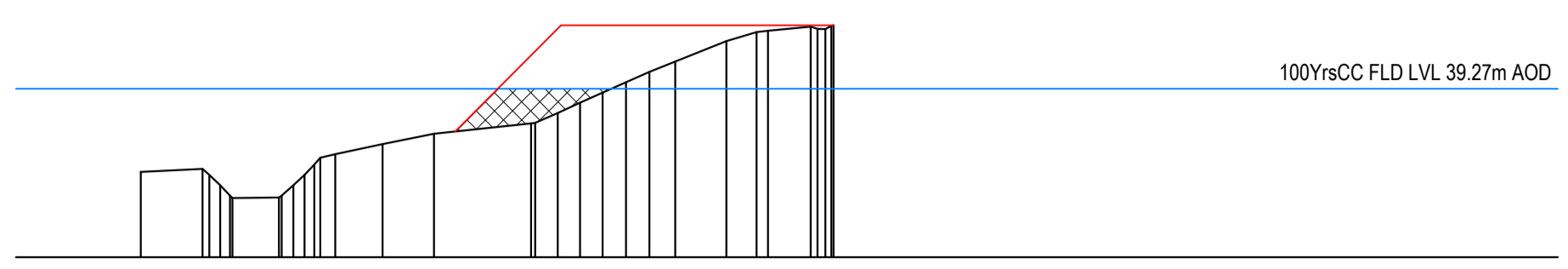
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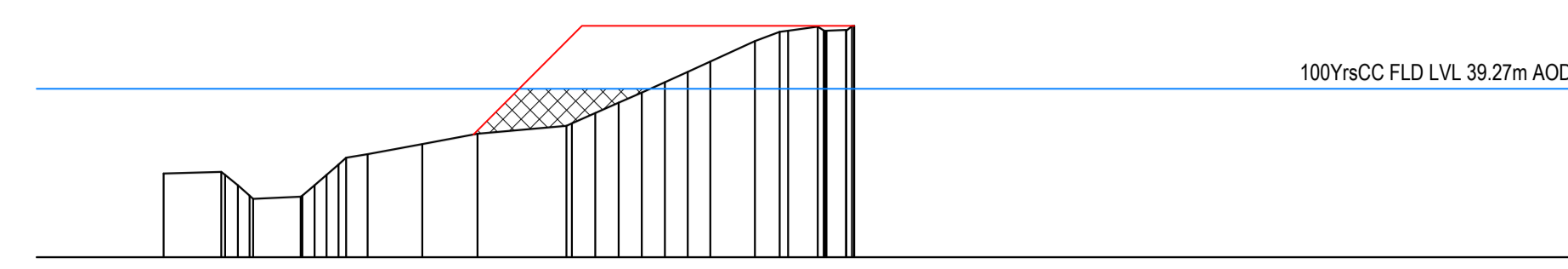
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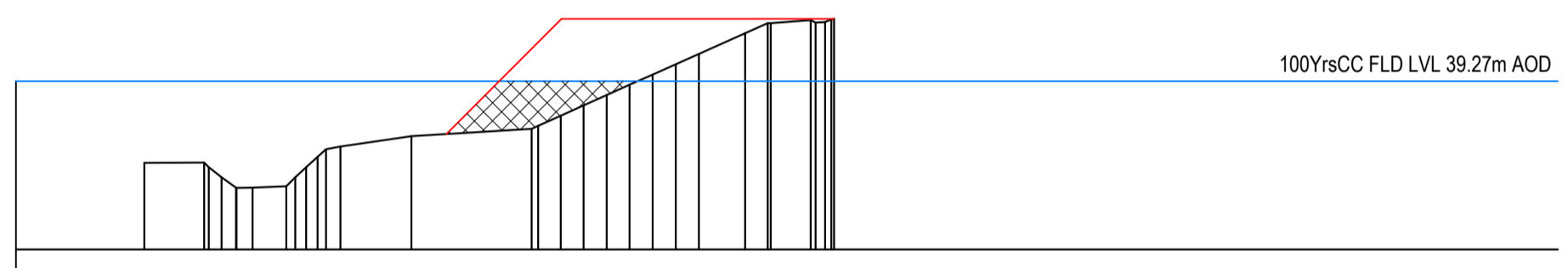
-  100 YRS CC FLOOD LEVEL
-  EXISTING PROFILE
-  PROPOSED PROFILE
-  FLOOD COMPENSATION
-  FLOOD STORAGE LOSS



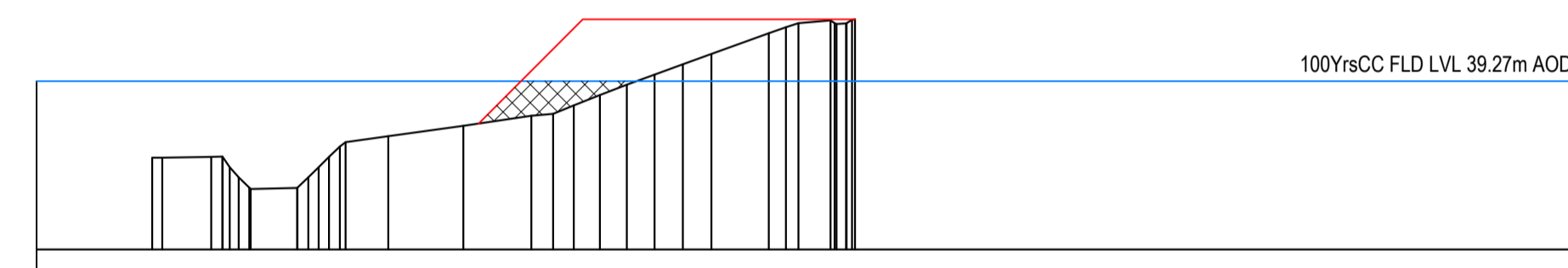
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| Level | |
| Chainage | 56240.000 |



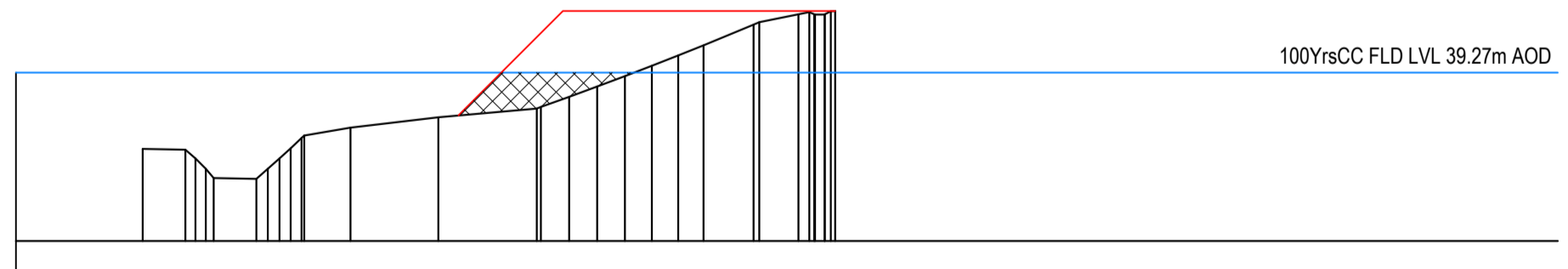
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| Level | |
| Chainage | 56250.000 |



| Datum = 36.00m AOD | |
|--------------------|--|
| Offset | 37.683 -27.500 37.686 -26.336 37.749 -26.767 37.800 -26.859 37.800 -26.196 38.200 -22.868 38.400 -22.303 38.600 -19.965 38.800 -18.369 39.000 -18.957 39.200 -18.508 39.400 -16.059 39.600 -16.161 39.800 -16.712 40.200 -15.914 40.373 -14.588 40.400 -14.588 40.438 -14.588 40.504 -14.059 |
| Level | |
| Chainage | 56260.000 |



| Datum = 36.00m AOD | |
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| Offset | 37.781 -27.557 37.800 -26.605 37.800 -26.243 37.749 -26.859 37.800 -26.859 37.800 -26.512 38.200 -23.969 38.400 -23.195 38.600 -21.665 38.800 -20.972 38.800 -19.823 38.800 -19.550 39.200 -19.041 39.200 -18.516 39.400 -17.975 39.600 -17.427 39.800 -16.871 40.200 -15.753 40.400 -15.179 40.438 -14.588 40.504 -14.076 |
| Level | |
| Chainage | 56270.000 |



| Datum = 36.00m AOD | |
|--------------------|--|
| Offset | 37.785 -27.531 37.770 -26.703 37.749 -26.802 37.206 -25.321 38.006 -24.941 38.200 -23.490 38.400 -21.781 38.600 -19.865 38.800 -19.226 39.000 -18.689 39.200 -16.151 39.400 -17.115 39.600 -16.620 40.200 -15.649 40.400 -14.777 40.438 -14.588 40.463 -14.059 |
| Level | |
| Chainage | 56280.000 |

| | | | |
|---------------------------------------|-------|----------|--------|
| Chainage 56290 cross section removed. | DU | 08/11/16 | I1 |
| Revision Details | By | Date | Suffix |
| | Check | | |

INFORMATION

Client


Project Title
M4 J3 J12 FRA DRAINAGE

Drawing Title
WIDENING WORKS AND FLOOD MAPS CROSS SECTION DRAWING SITE REF E9-A1 (SHEET 2 OF 3)

| | | | | |
|-------------------------------------|----------|-------------|-------------|------------------|
| Designated BG | Drawn DU | Checked ART | Approved SF | Date 21 OCT 2015 |
| AECOM Internal Project No. 47074338 | | | Subsidiary | |
| Scale @ A1 1:125 | | Zone | | |

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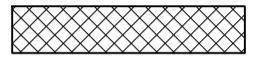
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| Drawing Number | Rev |
| 514451-MUH-00-ZZ-DR-DR-400145 | 11 |

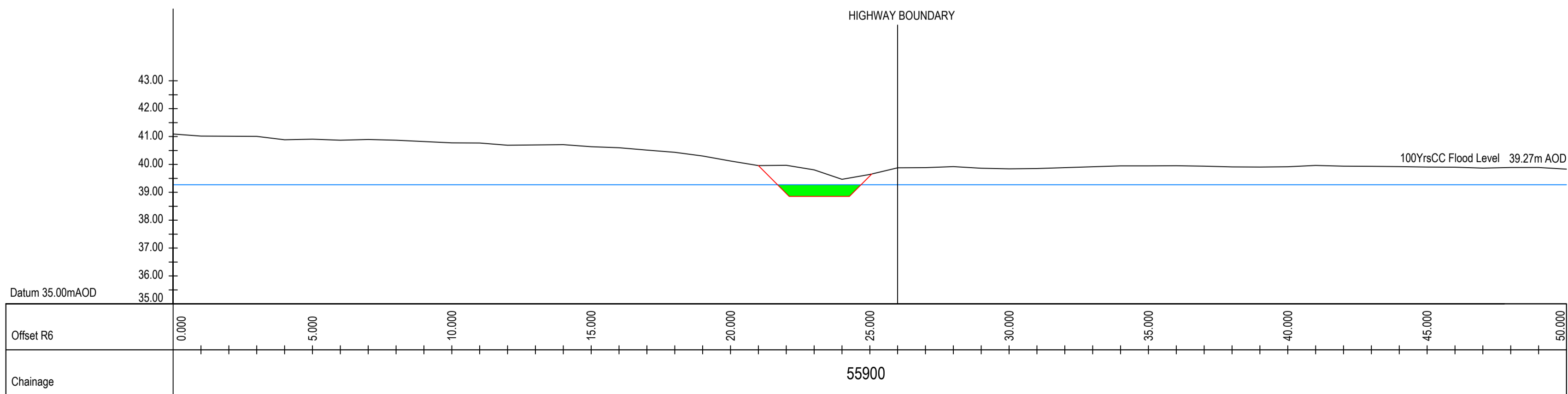
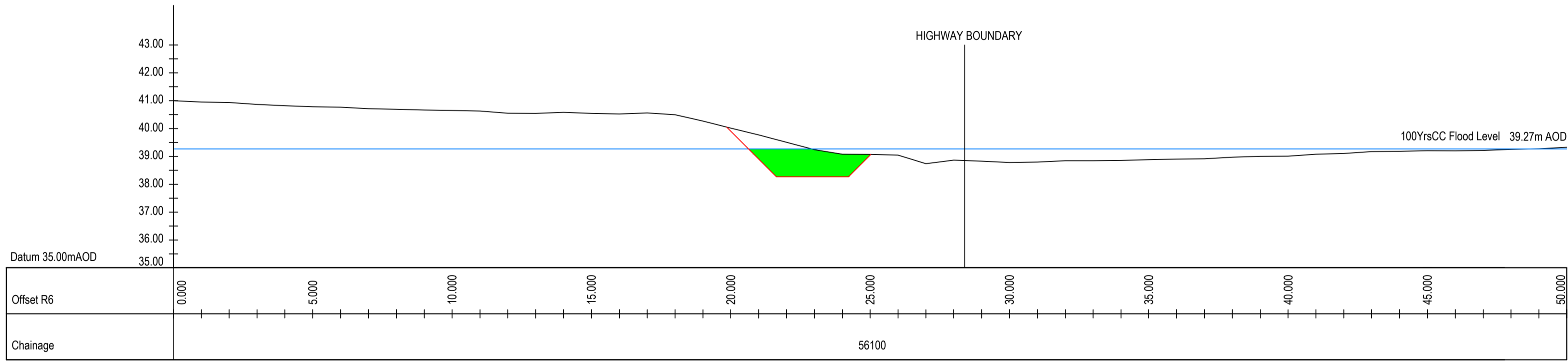
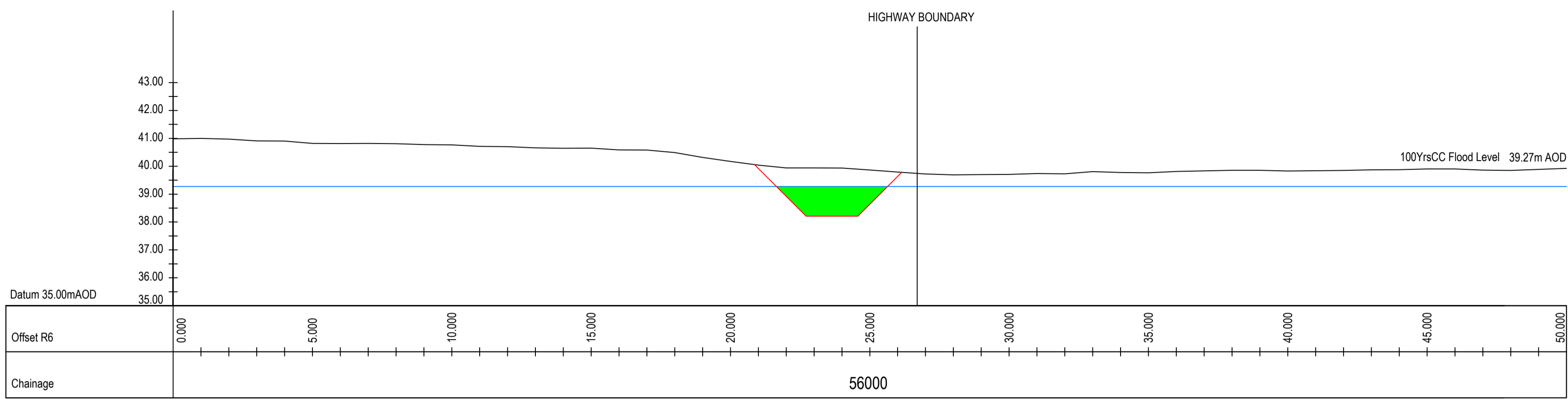
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KEY

-  100 YRS CC FLOOD LEVEL
-  EXISTING PROFILE
-  PROPOSED PROFILE
-  FLOOD COMPENSATION
-  FLOOD STORAGE LOSS



| | | | | |
|-----------------------|----|-------|----------|--------|
| Section text amended. | DU | ART | 24/12/15 | I1 |
| Revision Details | By | Check | Date | Suffix |

INFORMATION



Client
 Project Title
M4 J3 J12 FRA DRAINAGE

Drawing Title
WIDENING WORKS AND FLOOD MAPS CROSS SECTION DRAWING SITE REF E9-A1 (SHEET 3 OF 3)

| | | | | |
|--|-------------|----------------|----------------|---------------------|
| Designed BG | Drawn DU | Checked ART | Approved SF | Date 21 OCT 2015 |
| AECOM Internal Project No. 47074338 | | | Subsidiary | |
| Scale @ A1 1:125 | | | Zone | |

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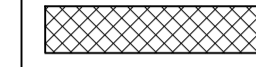
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| Drawing Number | Rev |
| 514451-MUH-00-ZZ-DR-DR-400146 | I1 |

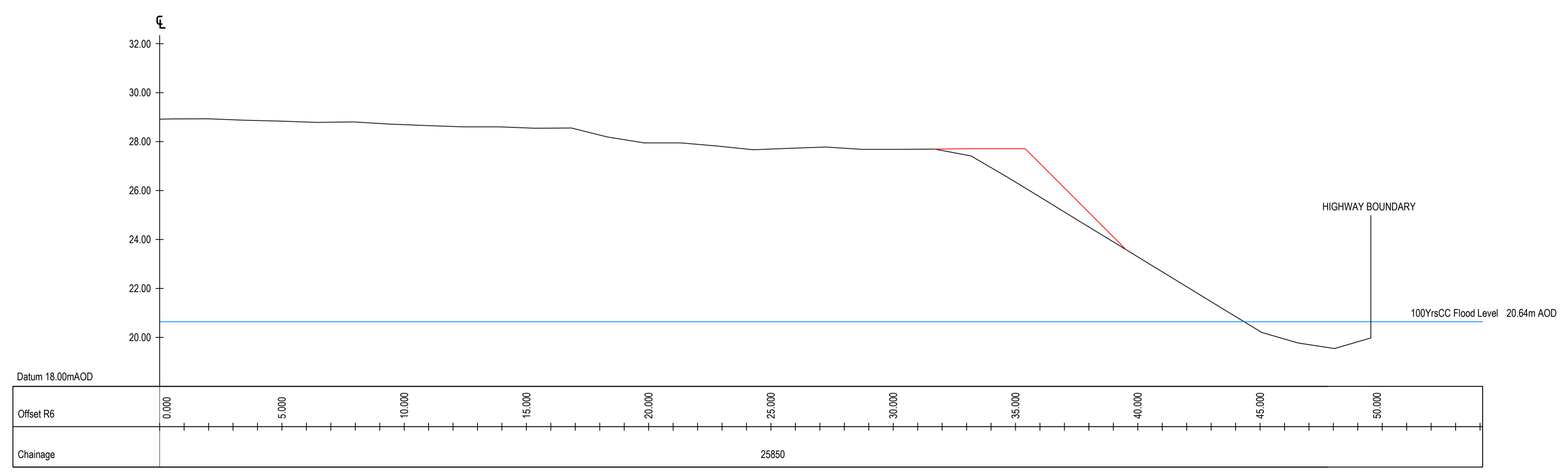
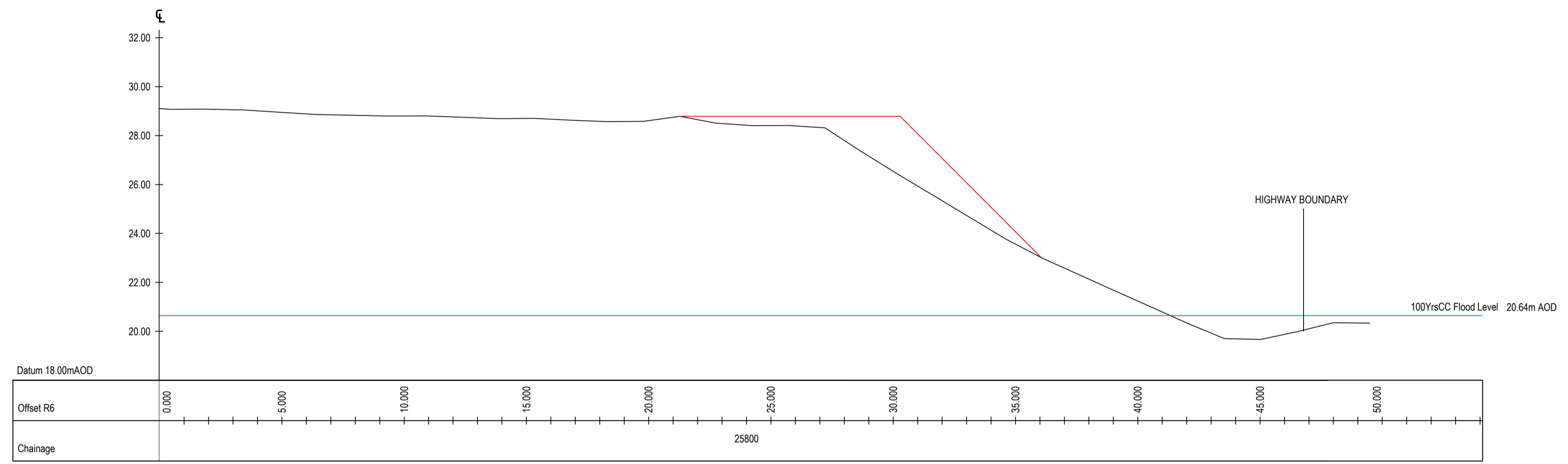
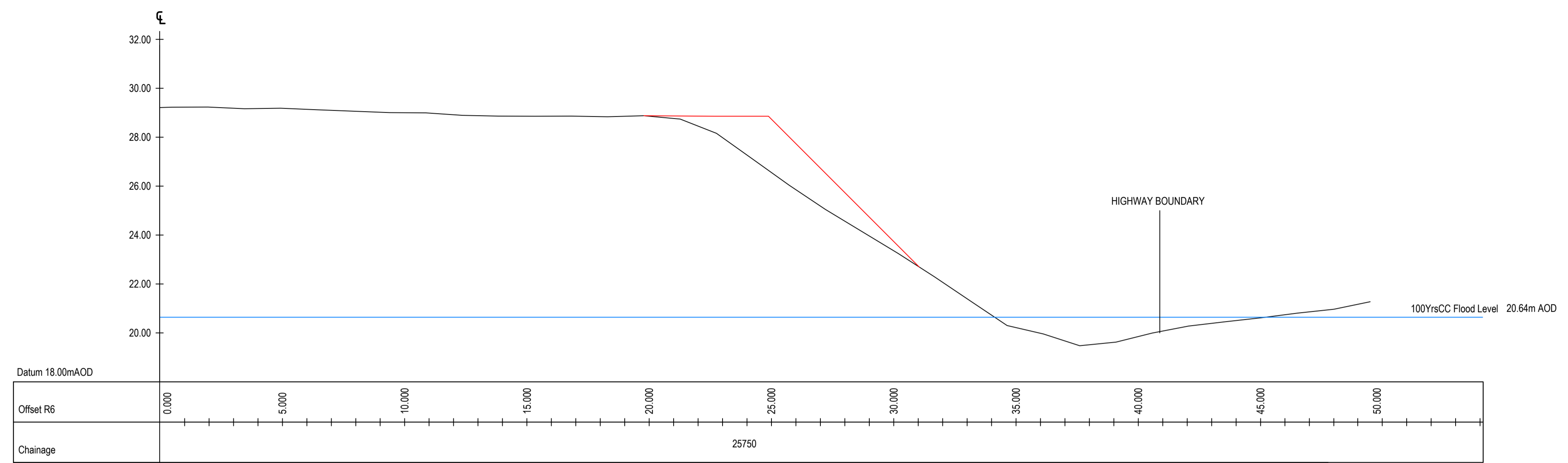
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KEY

-  100 YRS CC FLOOD LEVEL
-  EXISTING PROFILE
-  PROPOSED PROFILE
-  FLOOD COMPENSATION
-  FLOOD STORAGE LOSS



| | | | | |
|-----------------------|----|-------|----------|--------|
| Section text amended. | DU | ART | 24/12/15 | I1 |
| Revision Details | By | Check | Date | Suffix |

INFORMATION

Client


Project Title
M4 J3 J12 FRA DRAINAGE

Drawing Title
WIDENING WORKS AND FLOOD MAPS CROSS SECTION DRAWING SITE REF R16 (SHEET 1 OF 2)

| | | | | |
|--|-------------|----------------|----------------|---------------------|
| Designed BG | Drawn DU | Checked ART | Approved SF | Date 21 OCT 2015 |
| AECOM Internal Project No. 47074338 | | | Suitability | |
| Scale @ A1 1:125 | | | Zone | |

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| | |
|--|------------------|
| Drawing Number 514451-MUH-00-ZZ-DR-DR-400147 | Rev 11 |
|--|------------------|

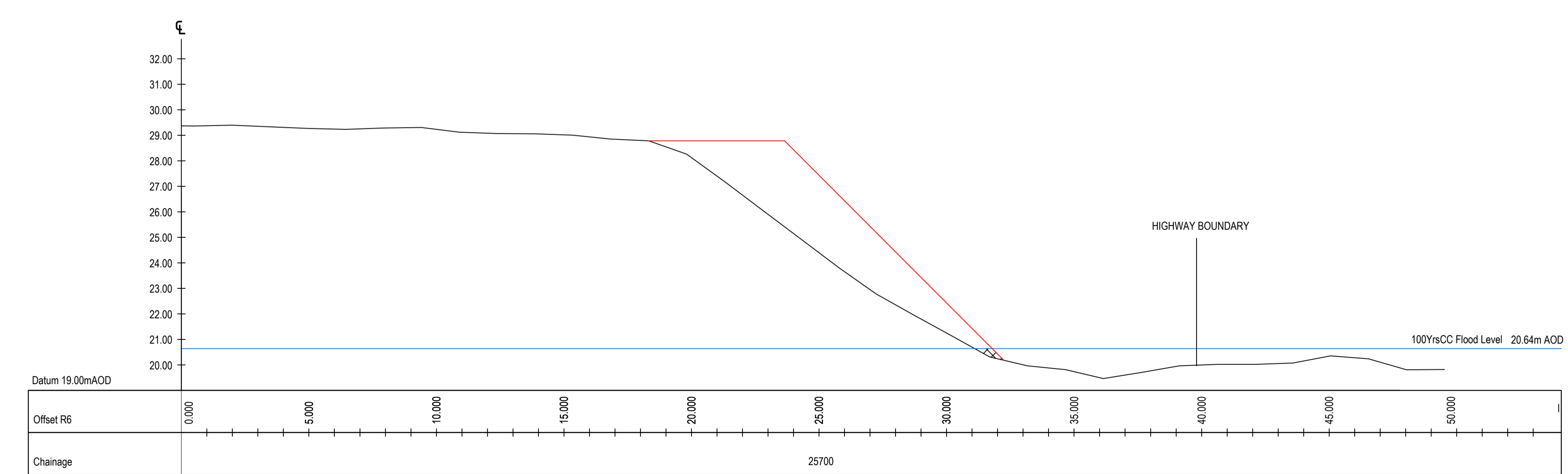
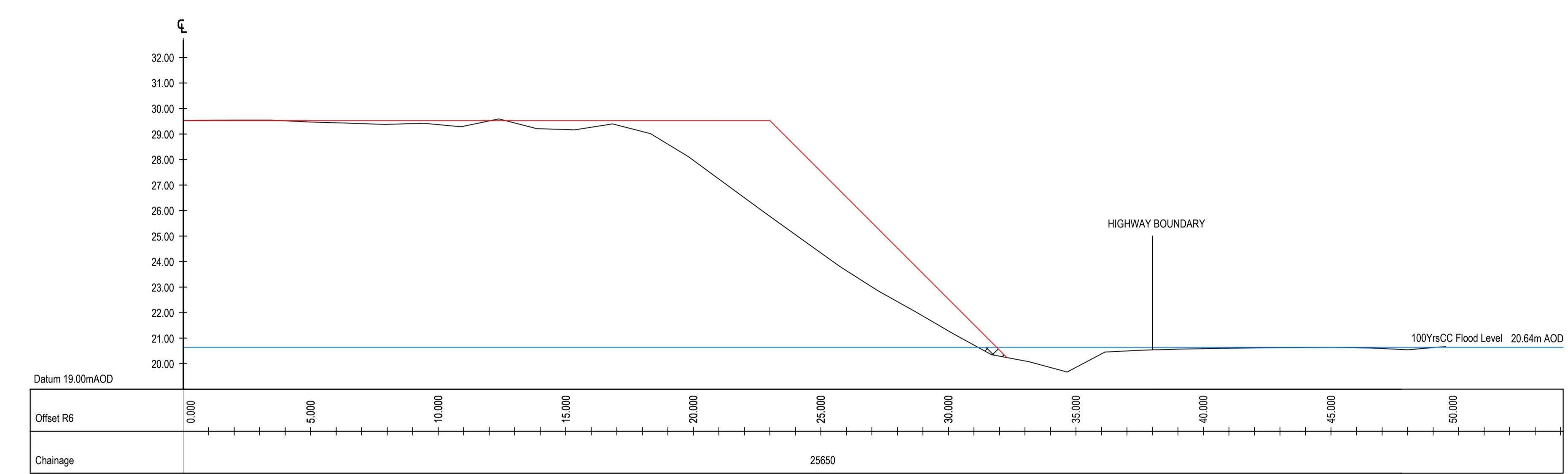
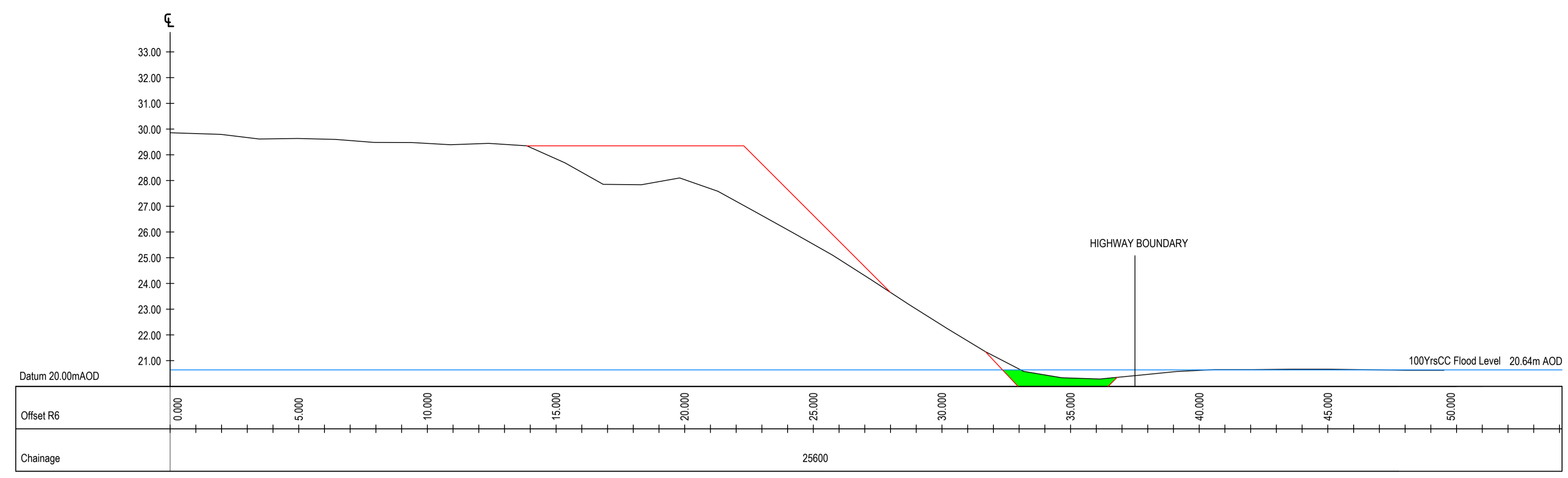
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KEY

- 100 YRS CC FLOOD LEVEL
- EXISTING PROFILE
- PROPOSED PROFILE
- FLOOD COMPENSATION
- FLOOD STORAGE LOSS



| | | | | |
|-----------------------|----|-------|----------|--------|
| Section text amended. | DU | ART | 24/12/15 | 11 |
| Revision Details | By | Check | Date | Suffix |

Purpose of issue

INFORMATION

Client

Project Title

M4 J3 J12 FRA DRAINAGE

Drawing Title

**WIDENING WORKS AND FLOOD
MAPS CROSS SECTION DRAWING
SITE REF R16
(SHEET 2 OF 2)**

| | | | | |
|--|-------------|----------------|----------------|---------------------|
| Designed BG | Drawn DU | Checked ART | Approved SF | Date 21 OCT 2015 |
| AECOM Internal Project No. 47074338 | | | Subsidiary | |
| Scale @ A1 1:125 | | | Zone | |

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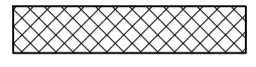
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| Drawing Number 514451-MUH-00-ZZ-DR-DR-400148 | Rev 11 |
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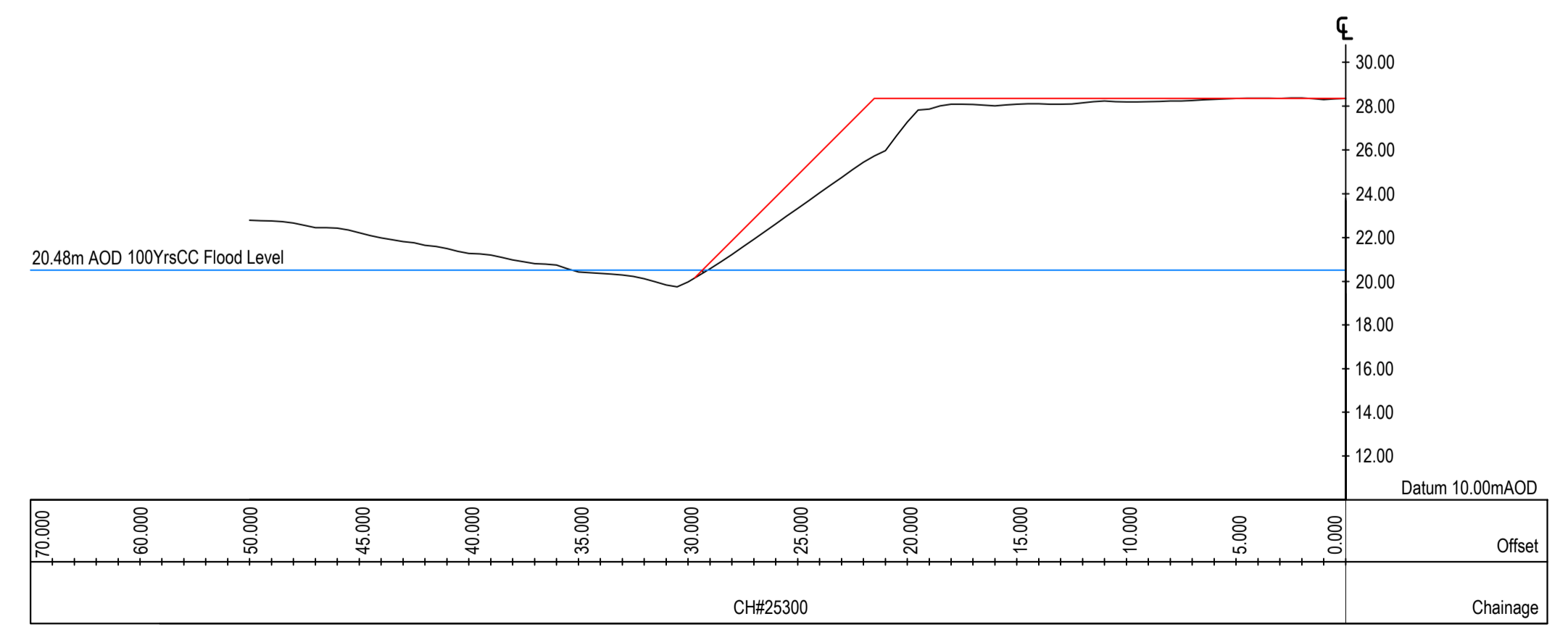
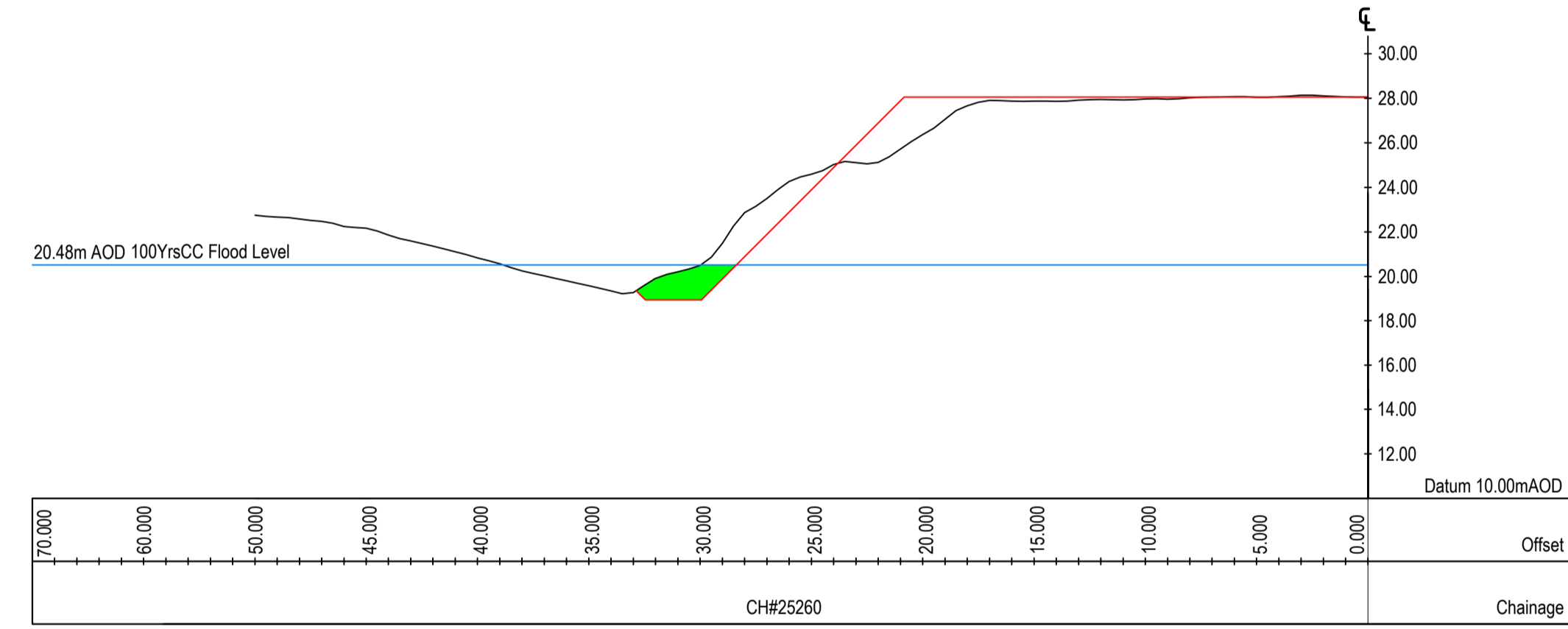
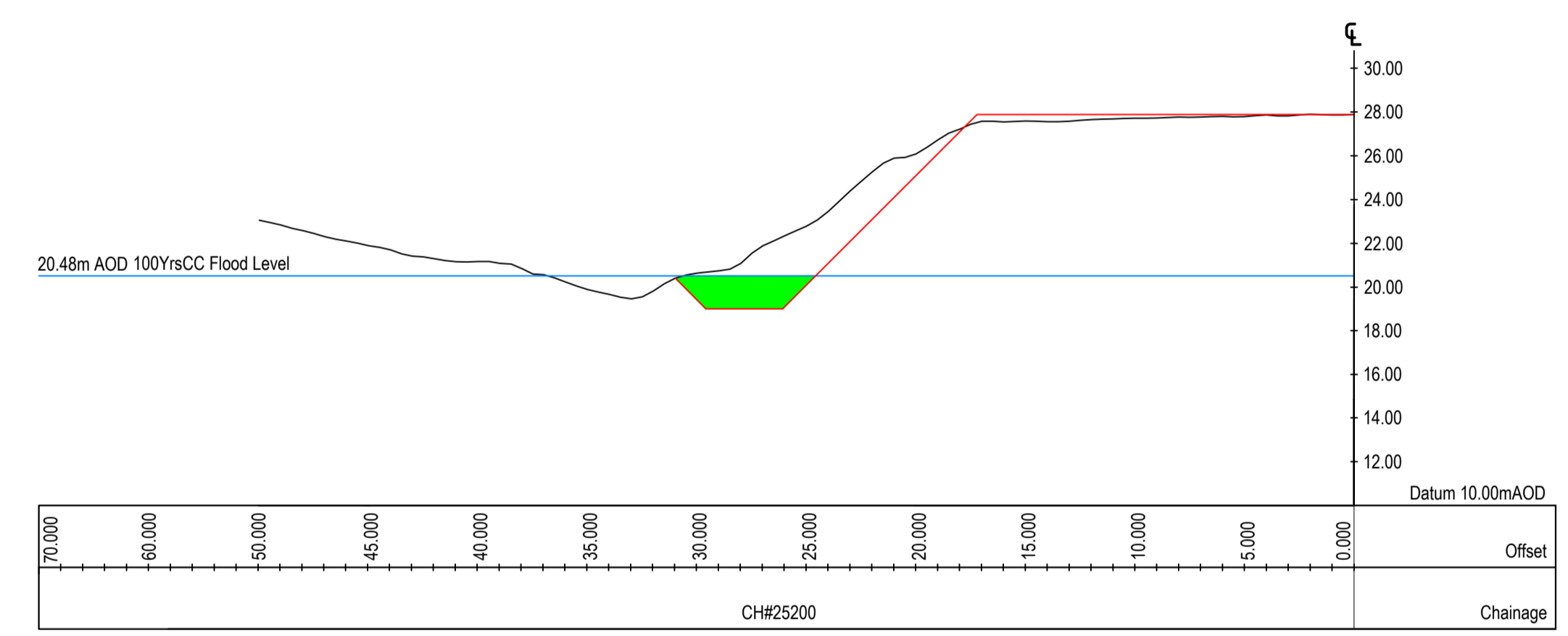
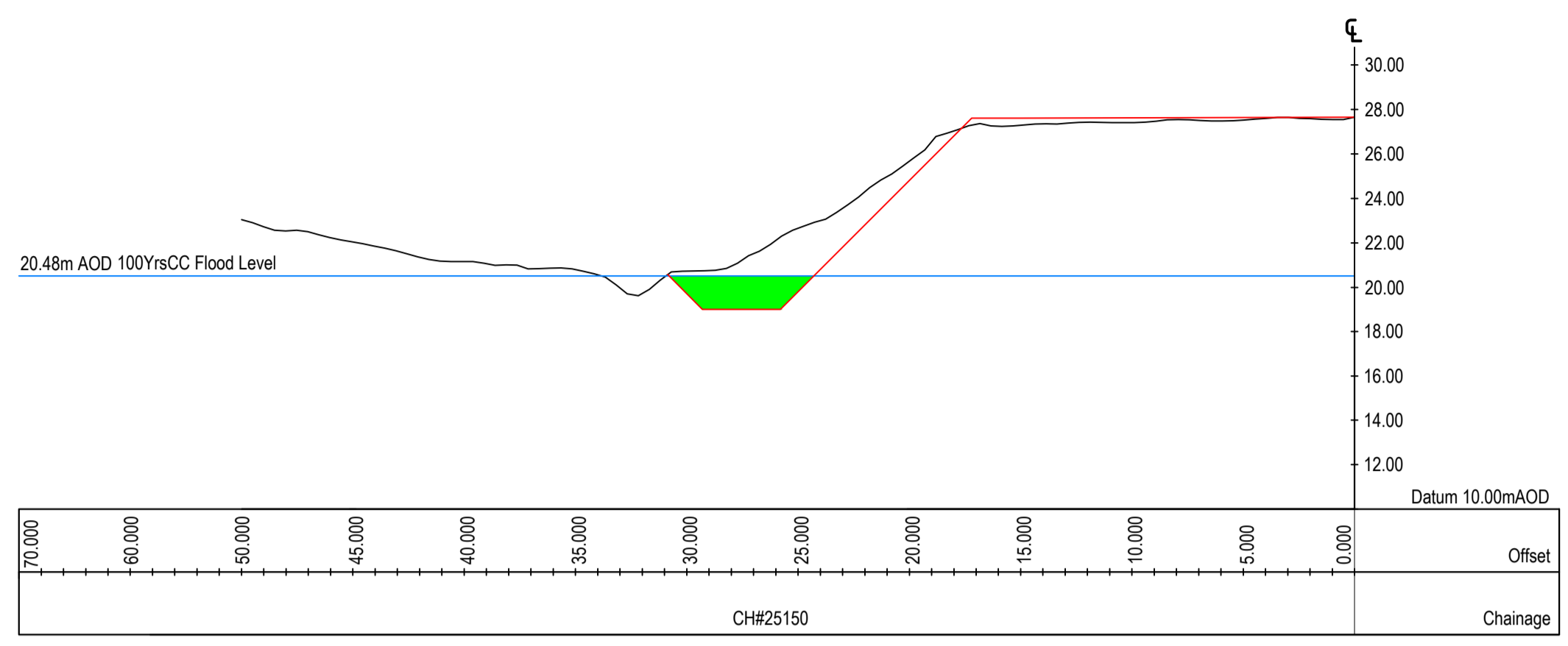
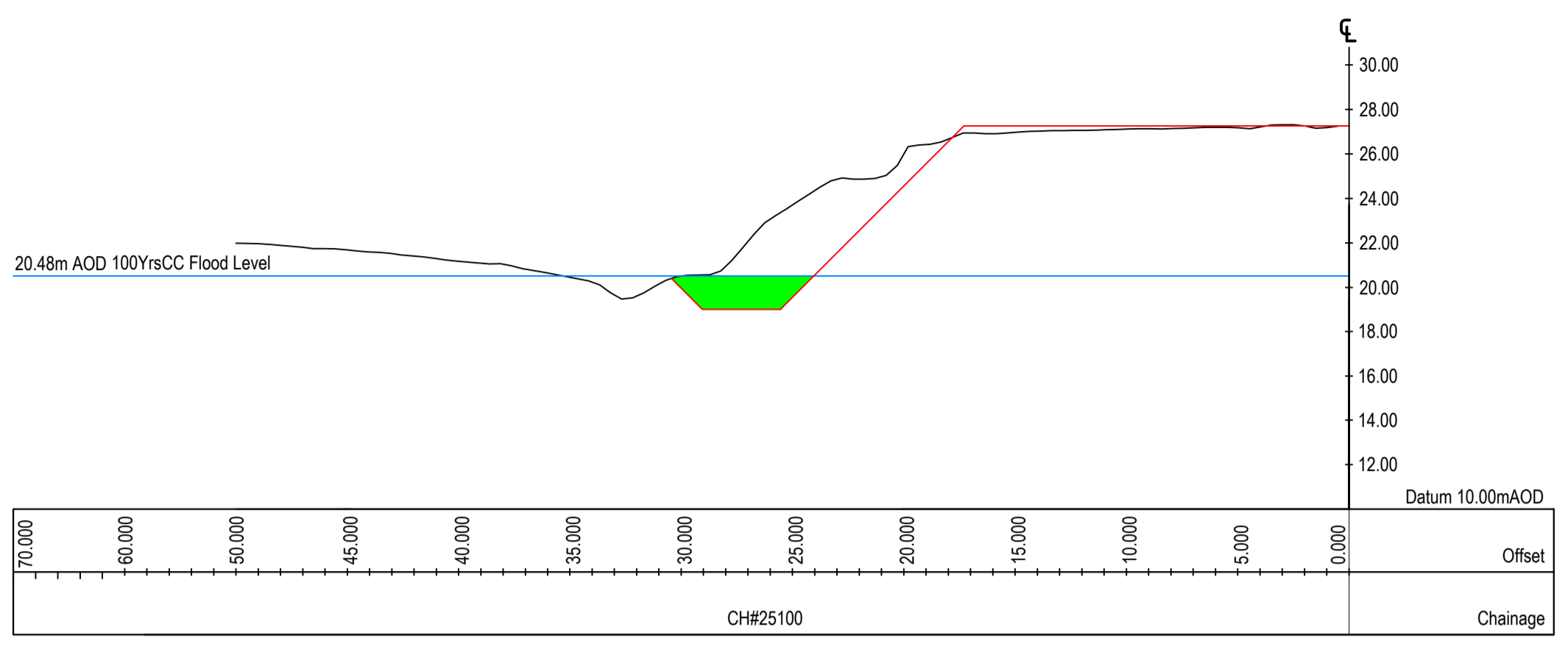
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KEY

-  100 YRS CC FLOOD LEVEL
-  EXISTING PROFILE
-  PROPOSED PROFILE
-  FLOOD COMPENSATION
-  FLOOD STORAGE LOSS



| | | | | |
|------------------------------------|----|-------|----------|--------|
| Orientation of sections corrected. | DU | ART | 8/1/16 | I2 |
| Section text amended. | DU | ART | 24/12/15 | I1 |
| Revision Details | By | Check | Date | Suffix |

Purpose of issue

INFORMATION

Client


Project Title
M4 J3 J12 FRA DRAINAGE

Drawing Title
WIDENING WORKS AND FLOOD MAPS CROSS SECTION DRAWING SITE REF R17 (SHEET 1 OF 3)

| | | | | |
|--|-------------|----------------|----------------|---------------------|
| Designed BG | Drawn DU | Checked ART | Approved SF | Date 21 OCT 2015 |
| AECOM Internal Project No. 47074338 | | | Subality | |
| Scale @ A1 1:250 | | | Zone | |

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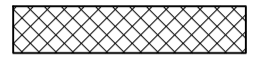
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| Drawing Number 514451-MUH-00-ZZ-DR-DR-400149 | Rev I2 |
|--|------------------|

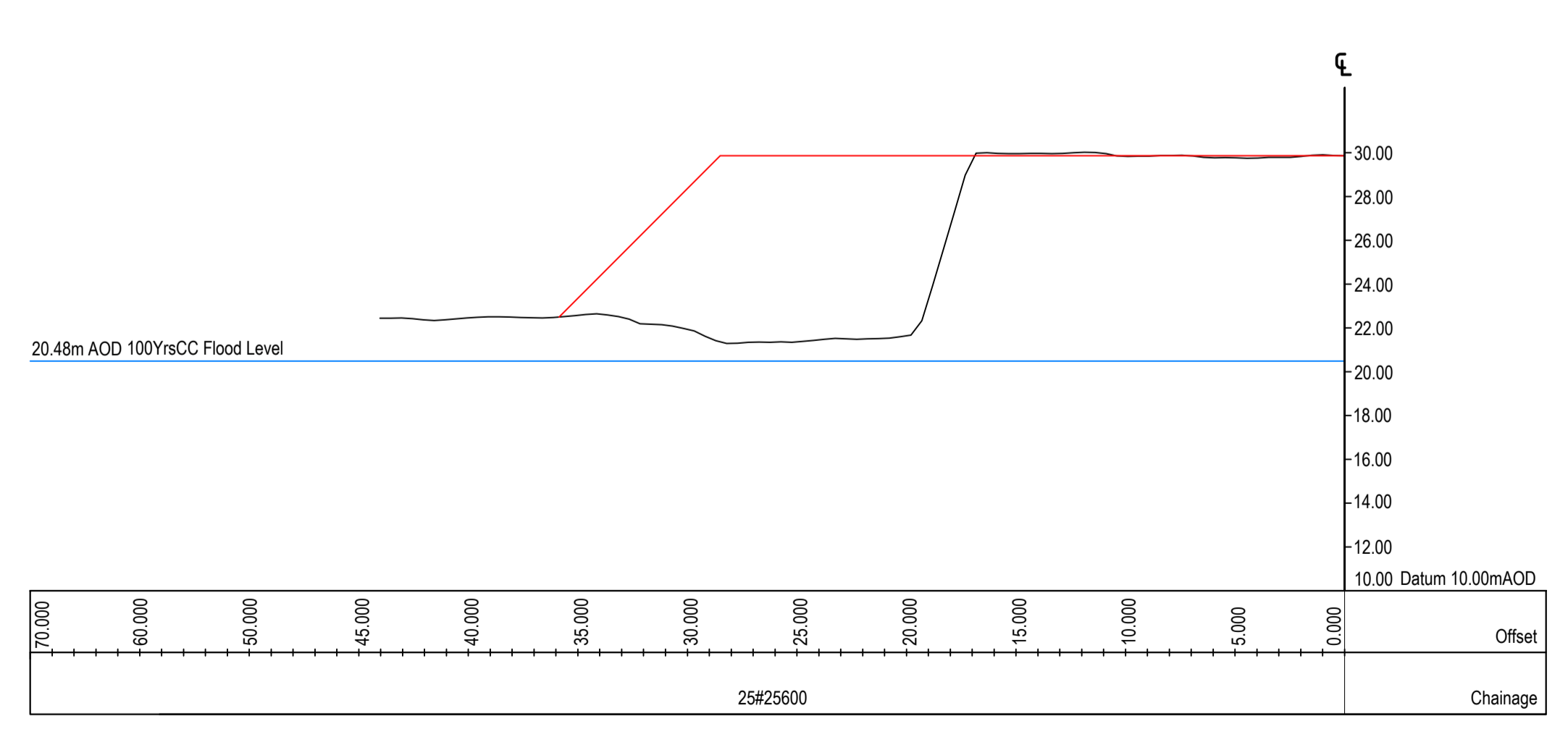
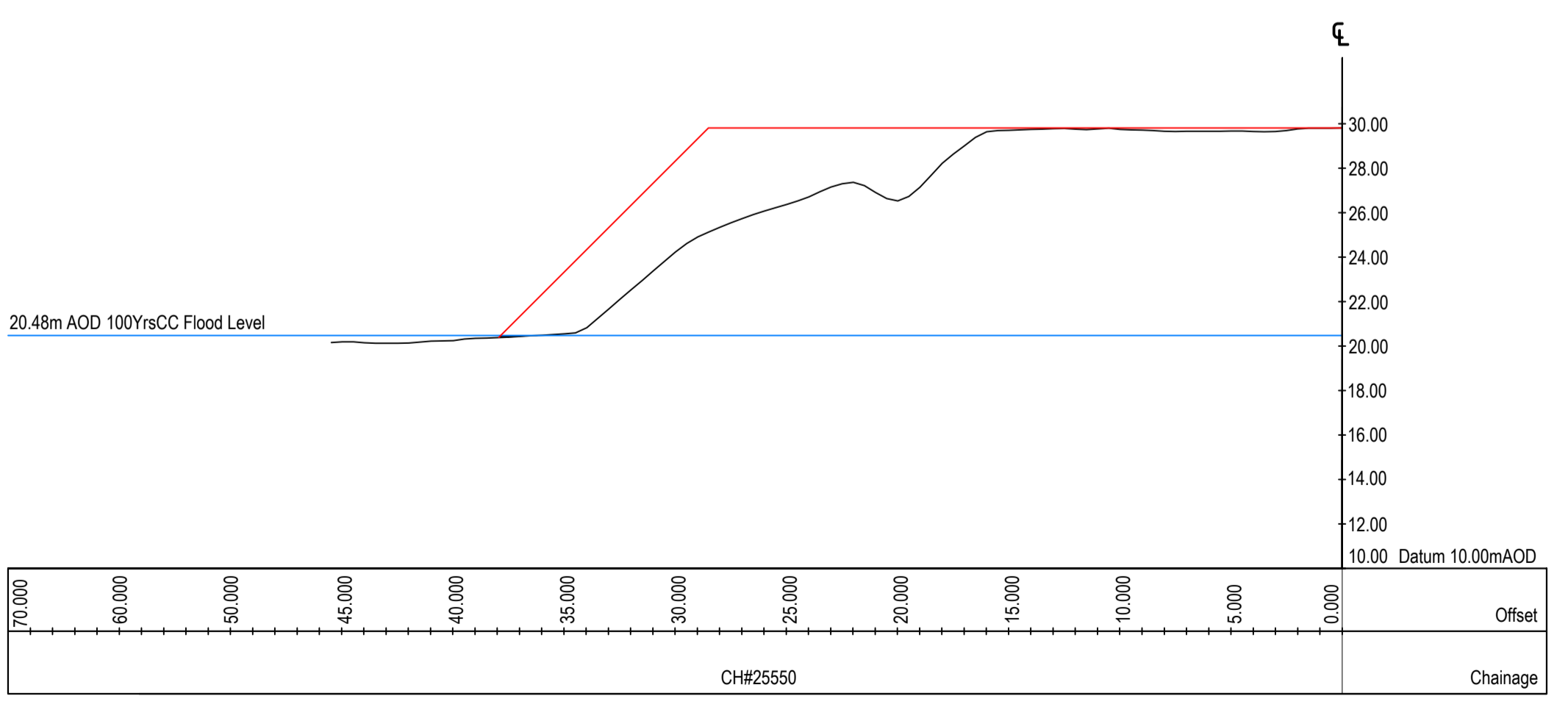
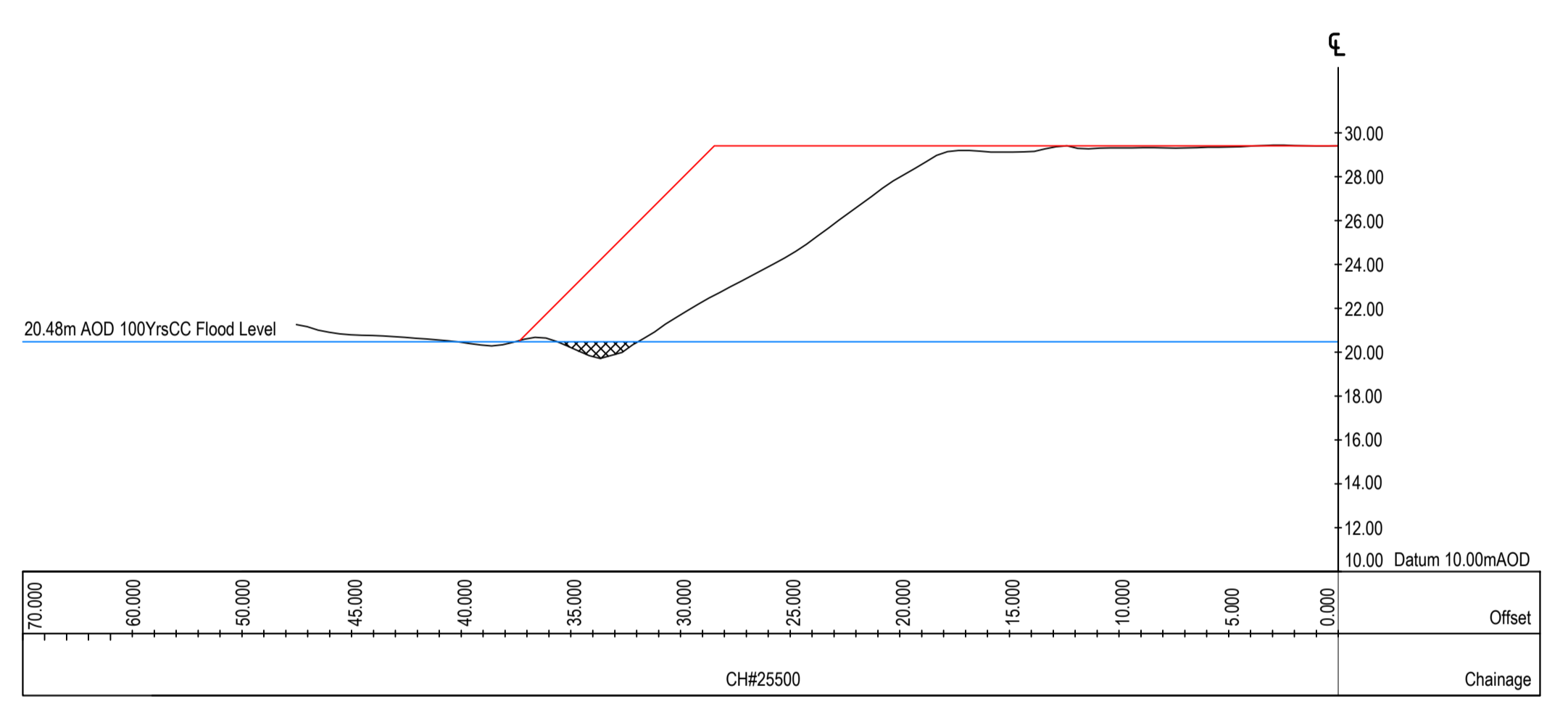
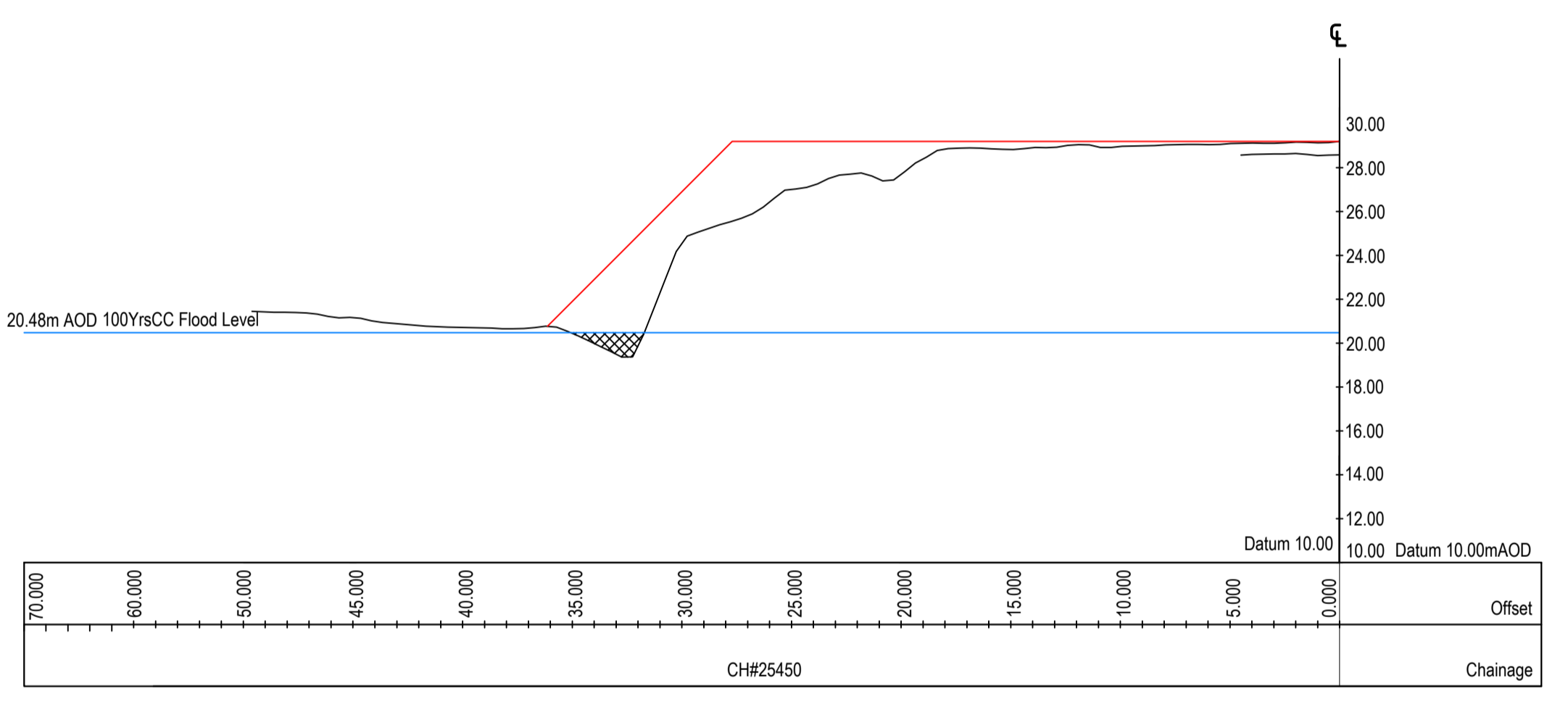
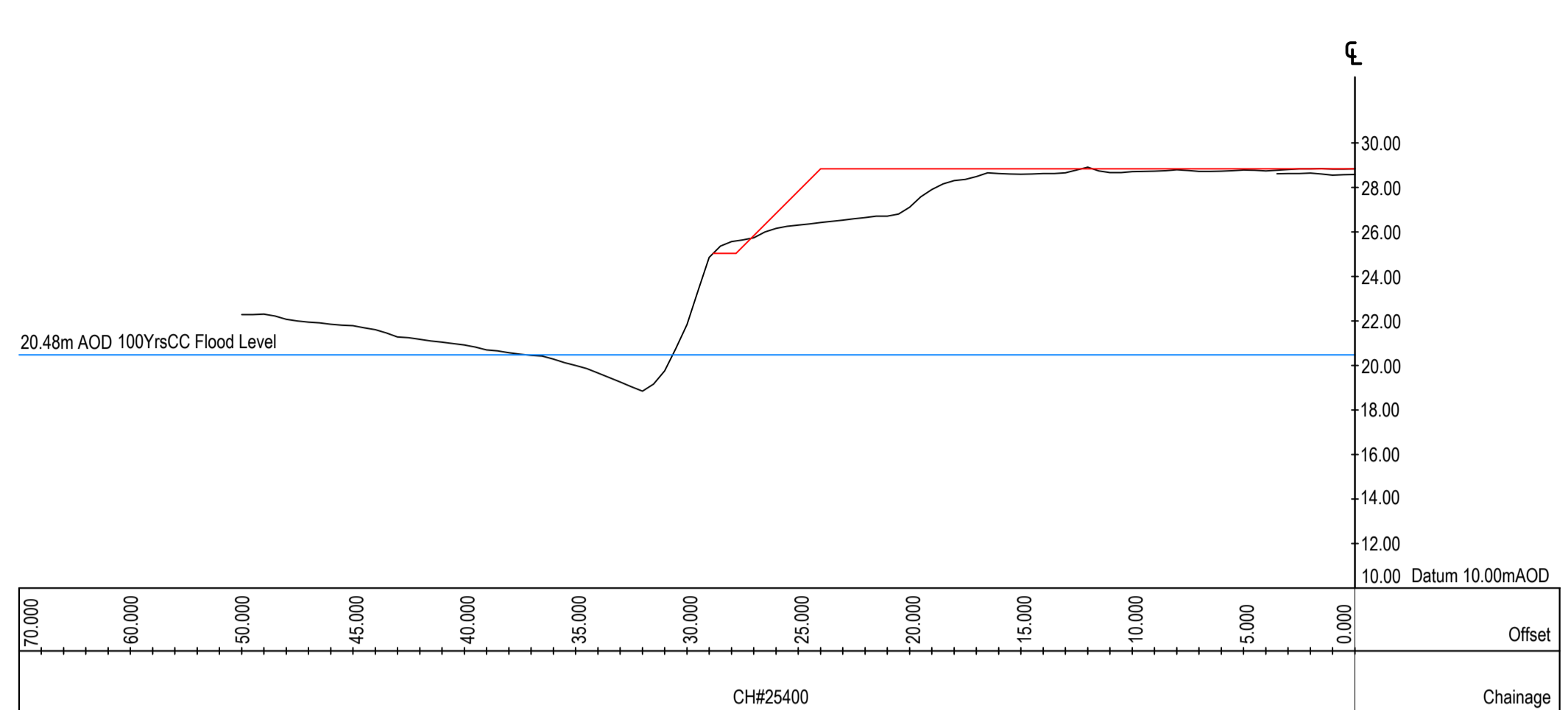
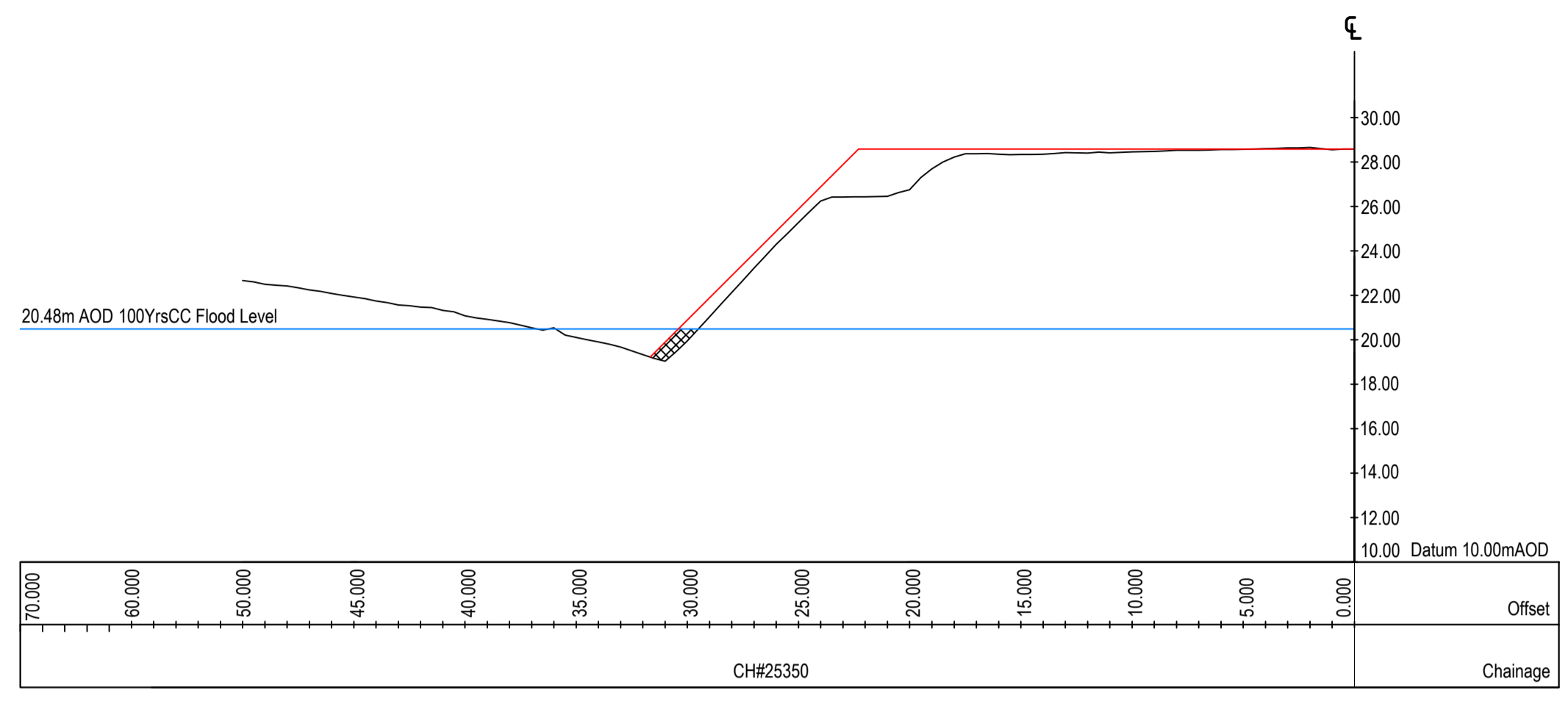
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KEY

-  100 YRS CC FLOOD LEVEL
-  EXISTING PROFILE
-  PROPOSED PROFILE
-  FLOOD COMPENSATION
-  FLOOD STORAGE LOSS



| | | | | |
|------------------------------------|----|-------|----------|--------|
| Orientation of sections corrected. | DU | ART | 8/1/16 | I2 |
| Section text amended. | DU | ART | 24/12/15 | I1 |
| Revision Details | By | Check | Date | Suffix |

INFORMATION

Client



Project Title

M4 J3 J12 FRA DRAINAGE

Drawing Title

WIDENING WORKS AND FLOOD MAPS CROSS SECTION DRAWING SITE REF R17 (SHEET 2 OF 3)

| | | | | |
|-------------------------------------|-------|---------|----------|-------------|
| Designed | Drawn | Checked | Approved | Date |
| BG | DU | ART | SF | 21 OCT 2015 |
| AECOM Internal Project No. 47074338 | | | | Suitability |
| Scale @ A1 1:250 | | | | Zone |

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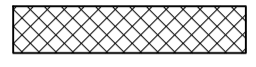
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| Drawing Number | Rev |
| 514451-MUH-00-ZZ-DR-DR-400150 | I2 |

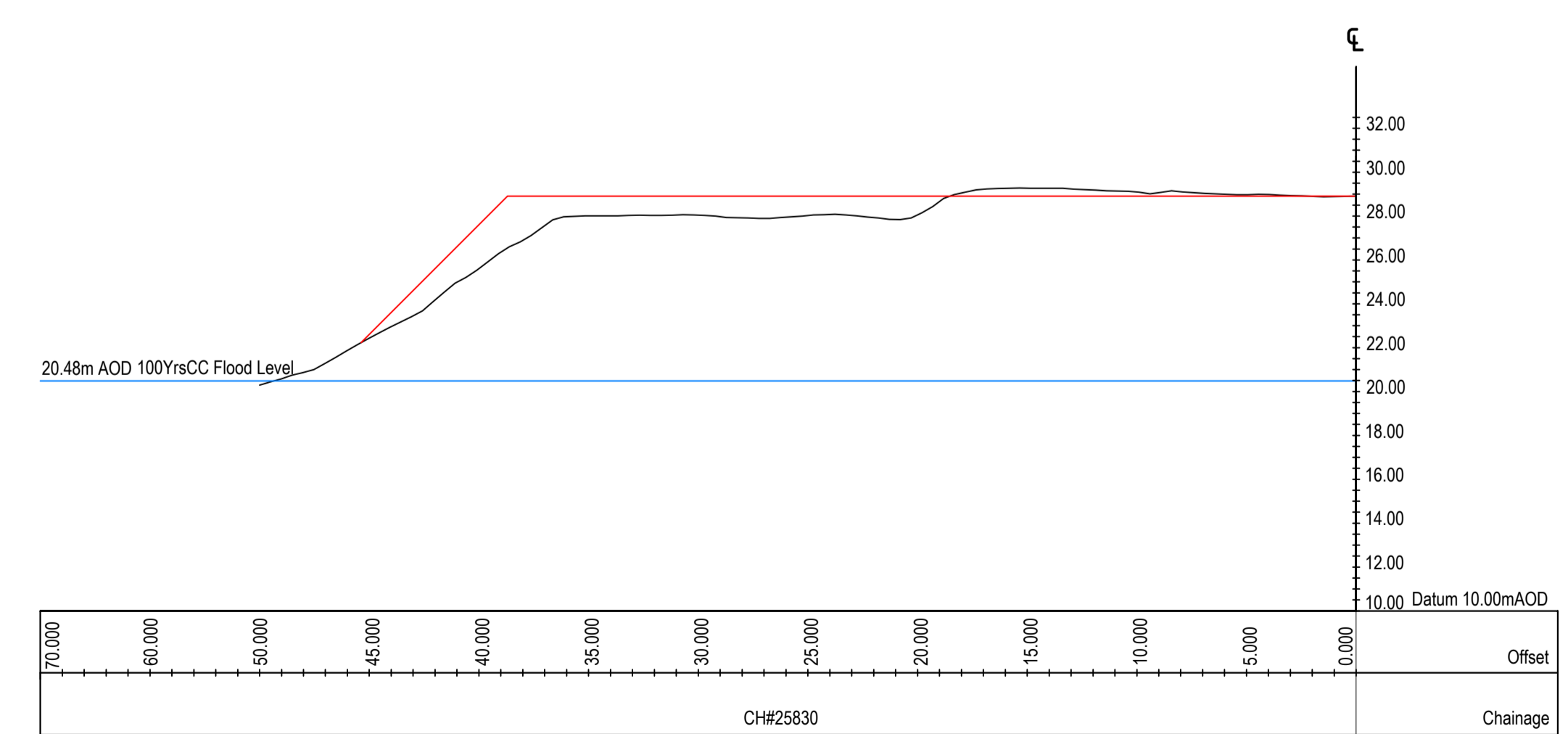
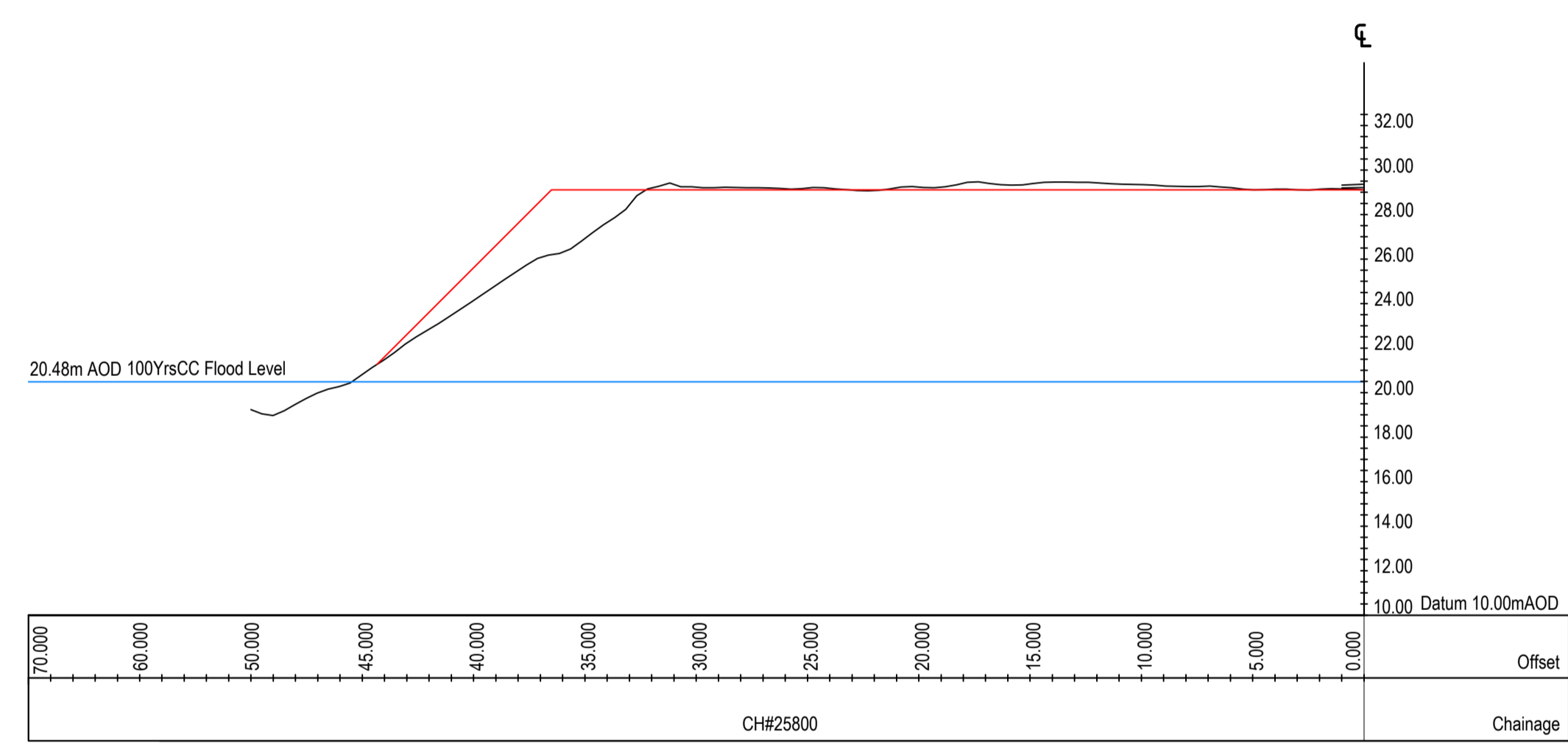
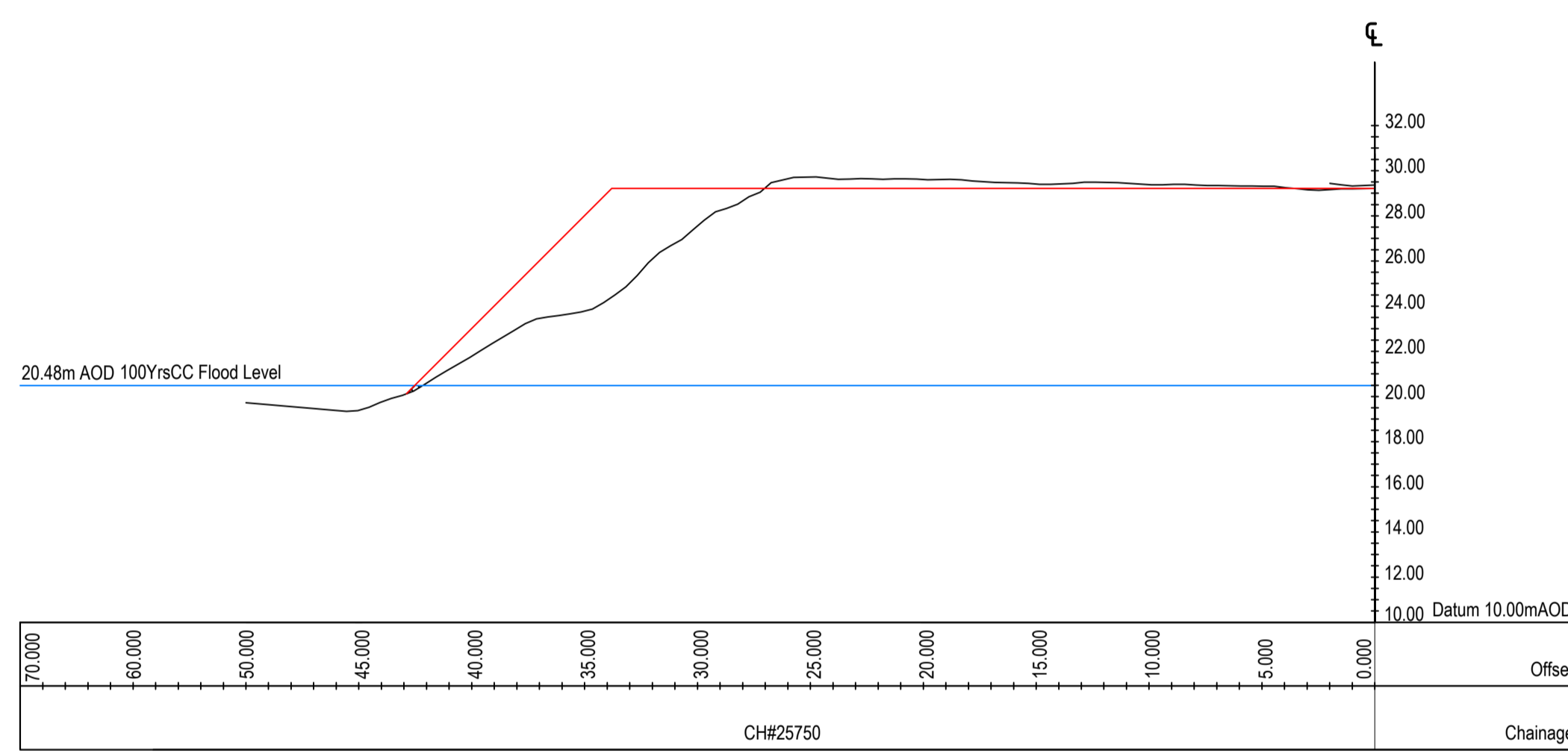
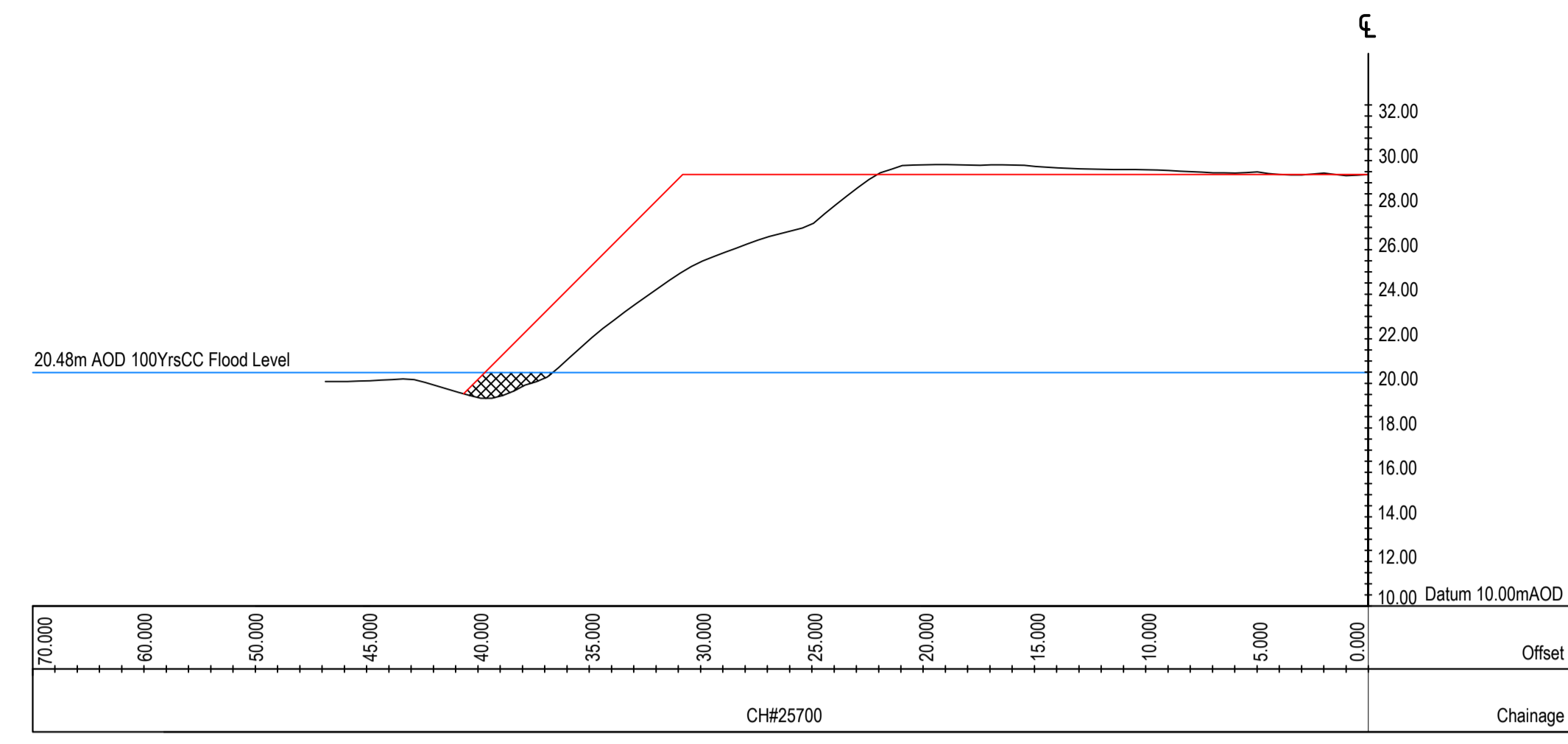
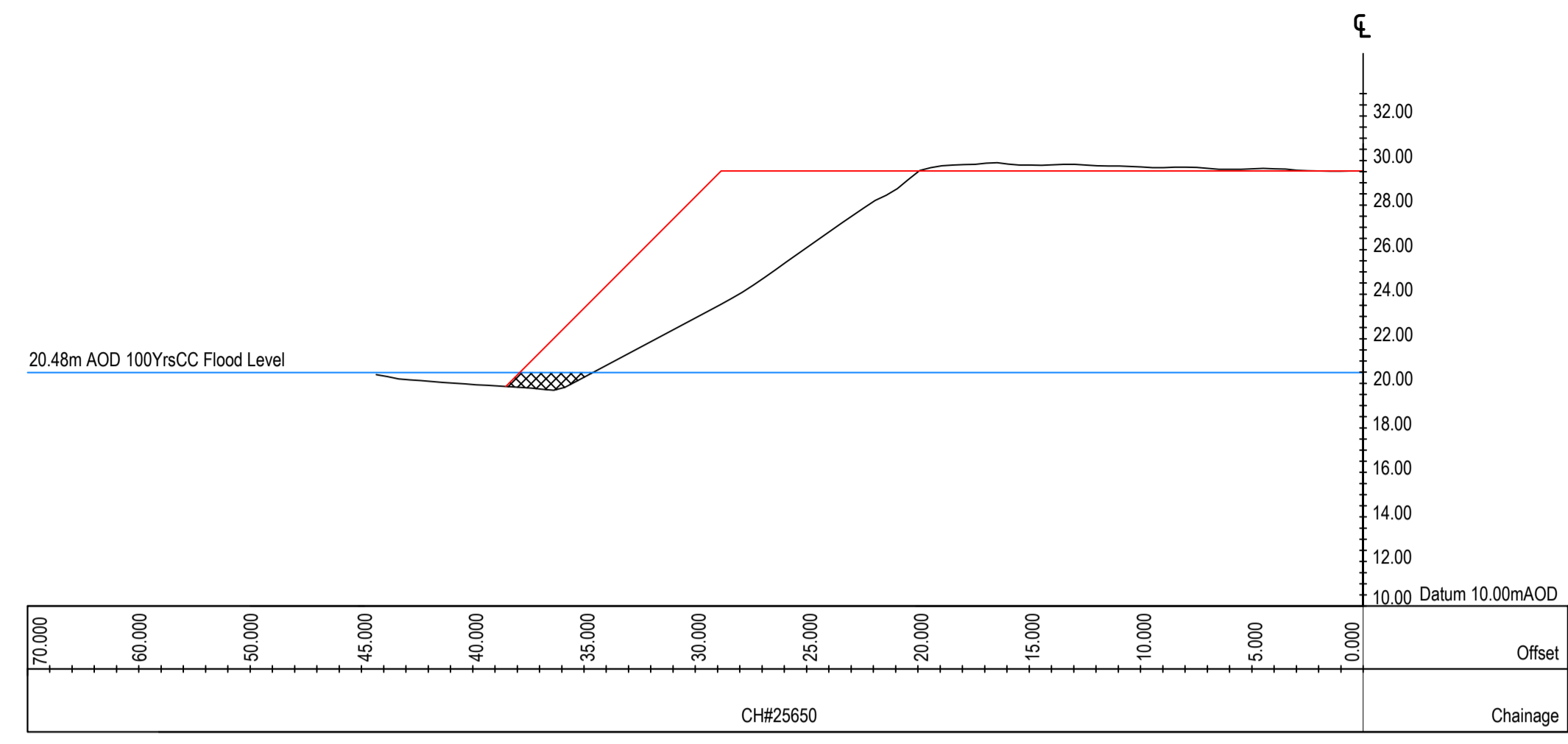
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KEY

-  100 YRS CC FLOOD LEVEL
-  EXISTING PROFILE
-  PROPOSED PROFILE
-  FLOOD COMPENSATION
-  FLOOD STORAGE LOSS



| | | | | |
|------------------------------------|----|-------|----------|--------|
| Orientation of sections corrected. | DU | ART | 8/1/16 | I2 |
| Section text amended. | DU | ART | 24/12/15 | I1 |
| Revision Details | By | Check | Date | Suffix |

INFORMATION



Client

Project Title

M4 J3 J12 FRA DRAINAGE

Drawing Title

WIDENING WORKS AND FLOOD MAPS CROSS SECTION DRAWING SITE REF R17 (SHEET 3 OF 3)

| | | | | |
|----------------------------|-------|---------|----------|-------------|
| Designed | Drawn | Checked | Approved | Date |
| BG | DU | ART | SF | 21 OCT 2015 |
| AECOM Internal Project No. | | | Subality | |
| 47074338 | | | | |
| Scale @ A1 | | Zone | | |
| 1:250 | | | | |

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| Drawing Number | Rev |
| 514451-MUH-00-ZZ-DR-DR-400151 | I2 |

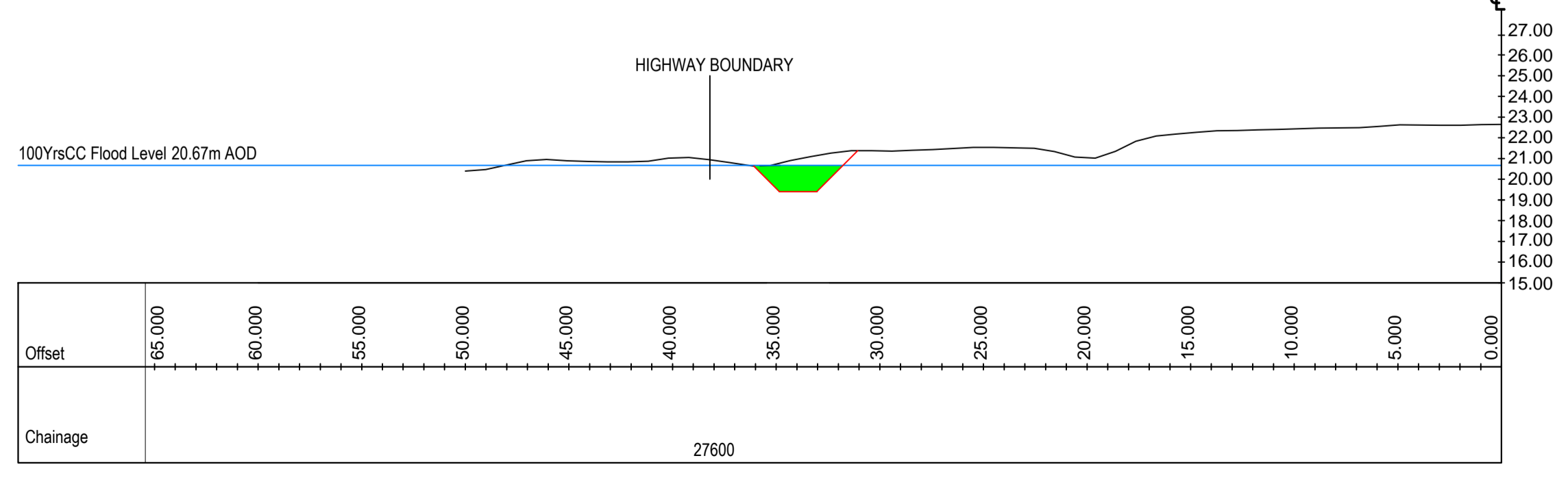
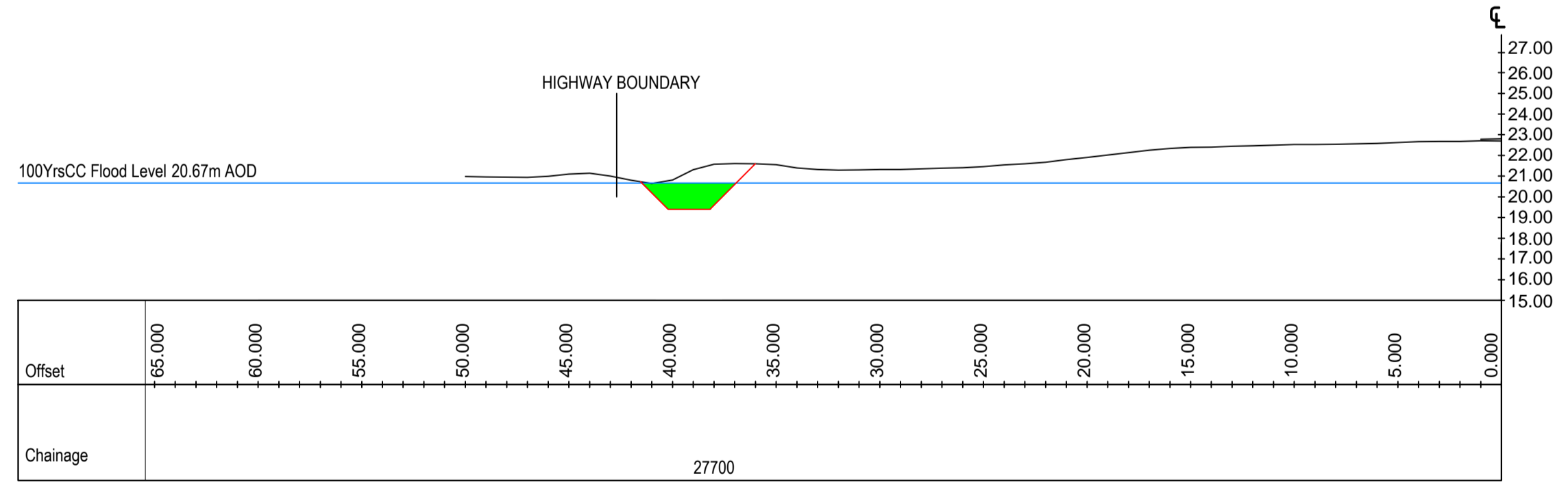
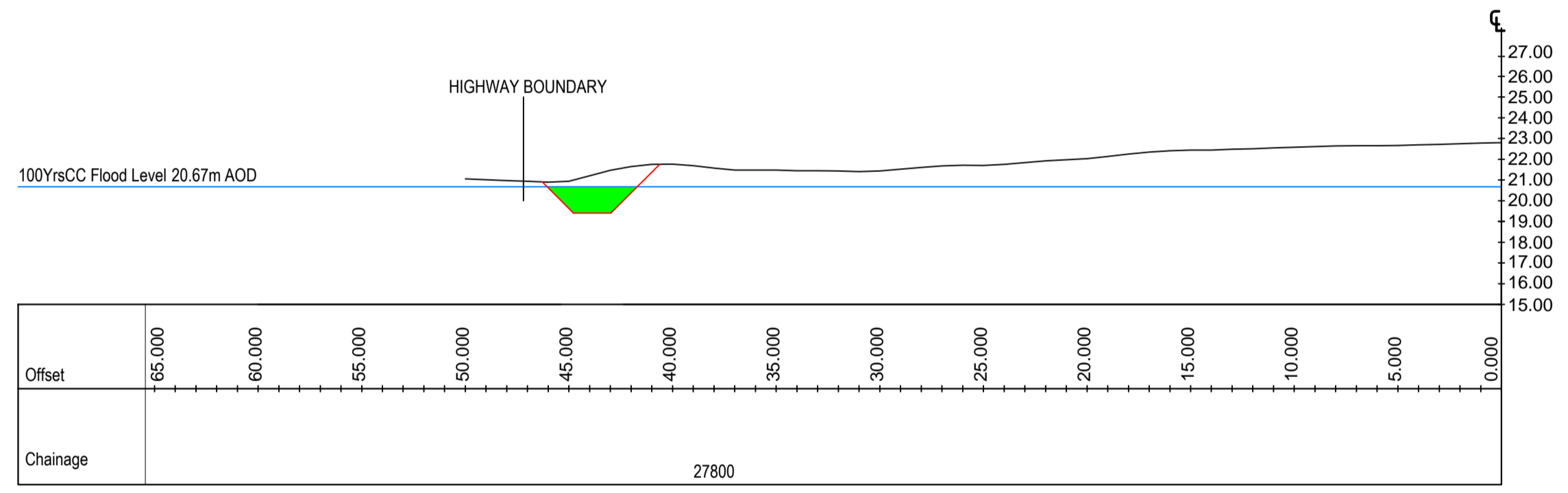
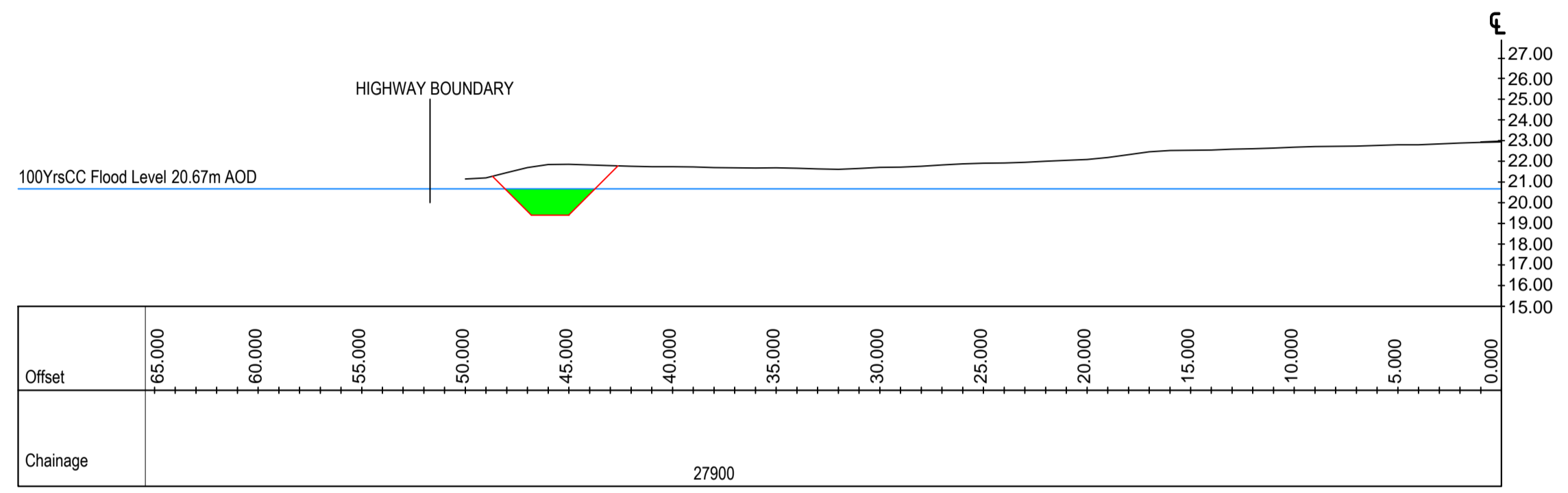
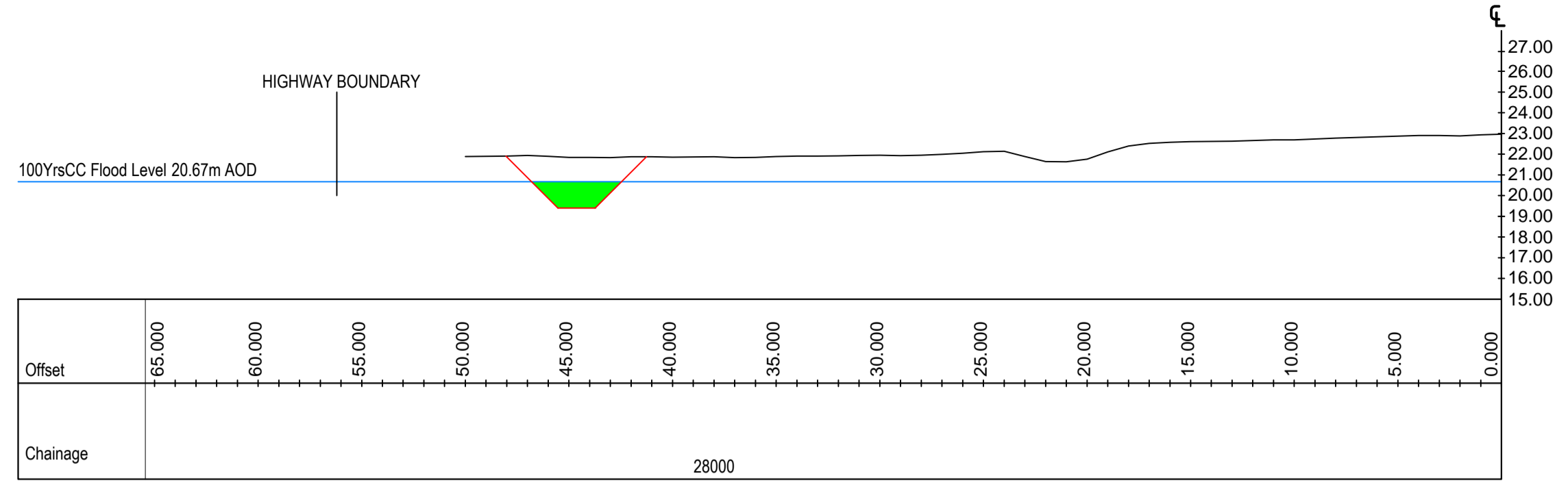
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KEY

-  100 YRS CC FLOOD LEVEL
-  EXISTING PROFILE
-  PROPOSED PROFILE
-  FLOOD COMPENSATION
-  FLOOD STORAGE LOSS



| | | | | |
|----------------------------|---|------------|----------|-------------|
| Section text amended. | DU | ART | 24/12/15 | I1 |
| Revision Details | By | Check | Date | Suffix |
| Purpose of issue | INFORMATION | | | |
| Client |  | | | |
| Project Title | M4 J3 J12 FRA DRAINAGE | | | |
| Drawing Title | WIDENING WORKS AND FLOOD MAPS CROSS SECTION DRAWING SITE REF R18 (SHEET 1 OF 2) | | | |
| Designed | Drawn | Checked | Approved | Date |
| BG | DU | ART | SF | 21 OCT 2015 |
| AECOM Internal Project No. | | Subsidiary | | |
| 47074338 | | | | |
| Scale @ A1 | | Zone | | |
| 1:125 | | | | |

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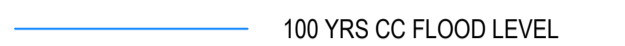



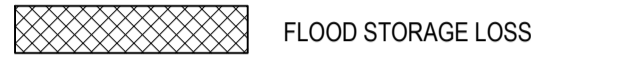
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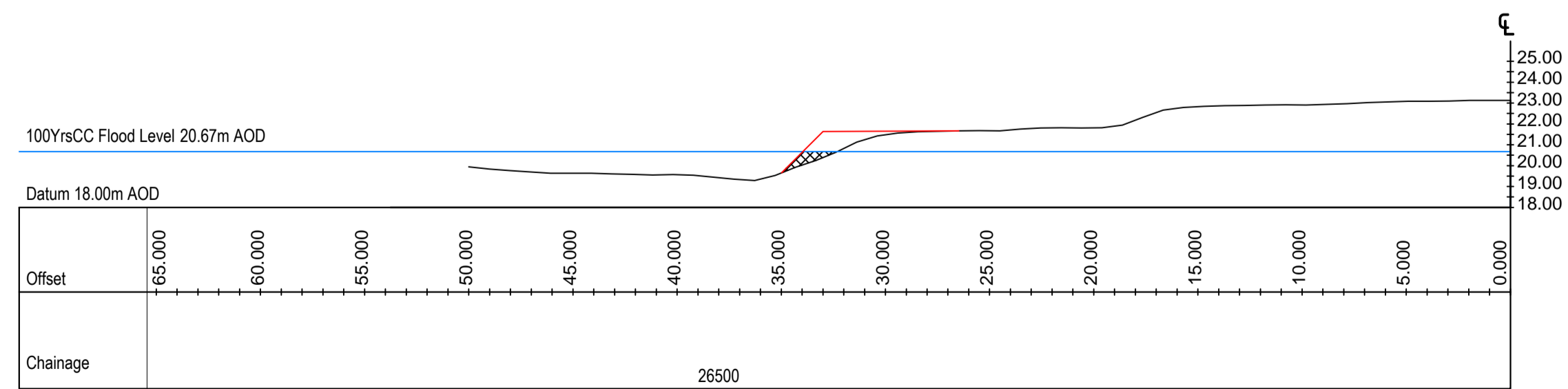
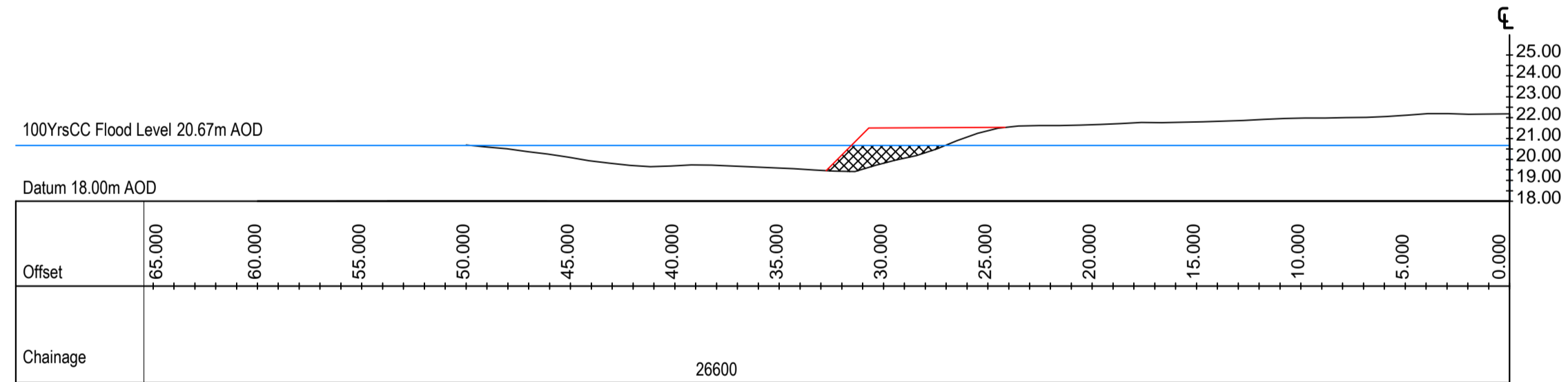
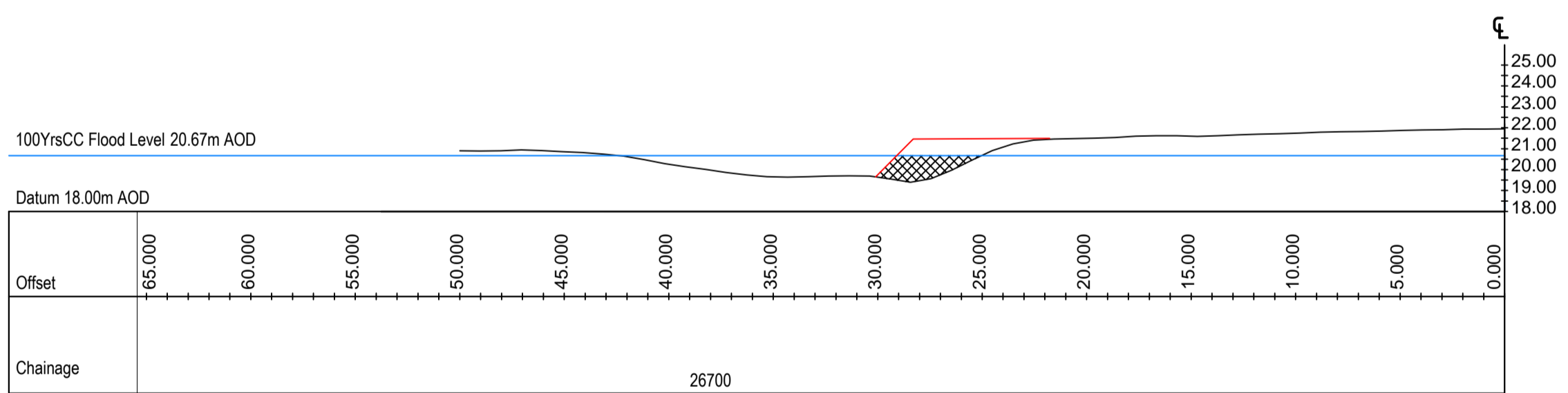
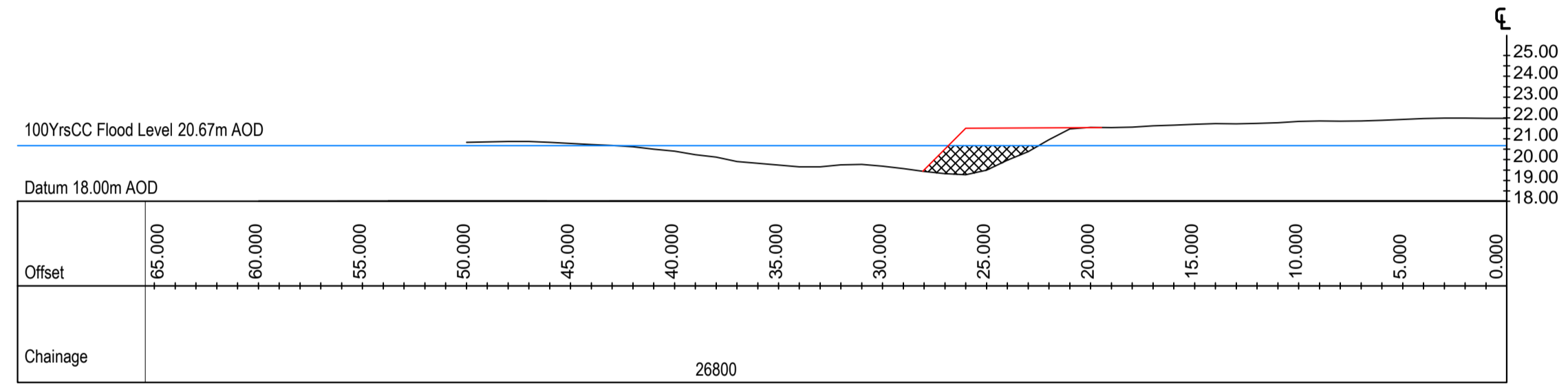
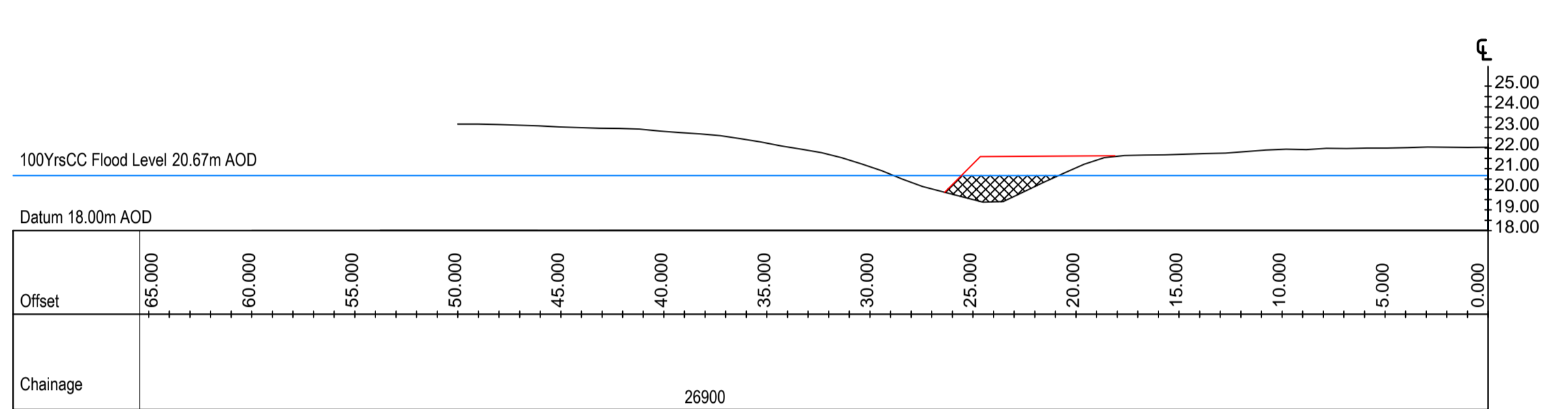
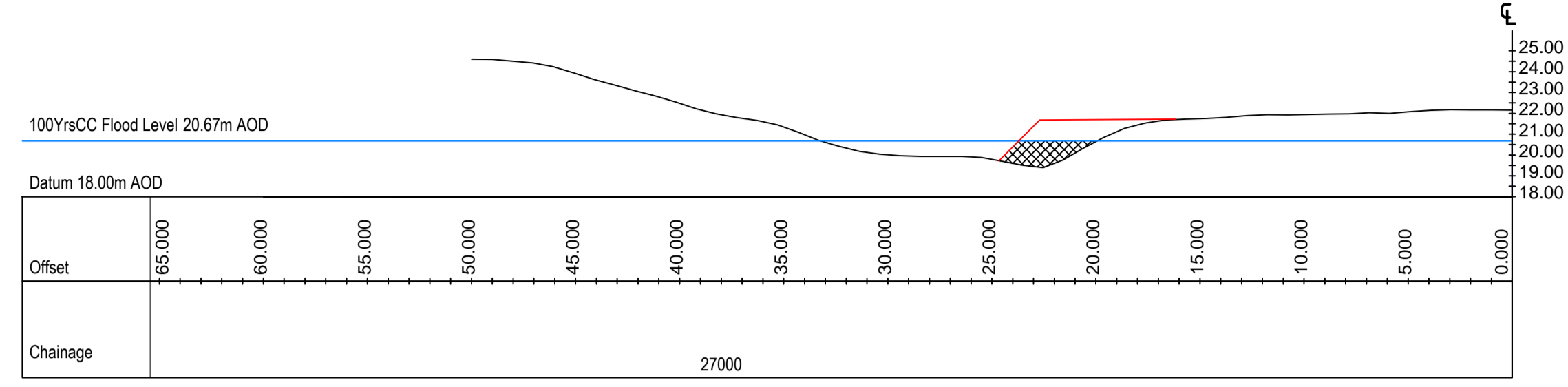
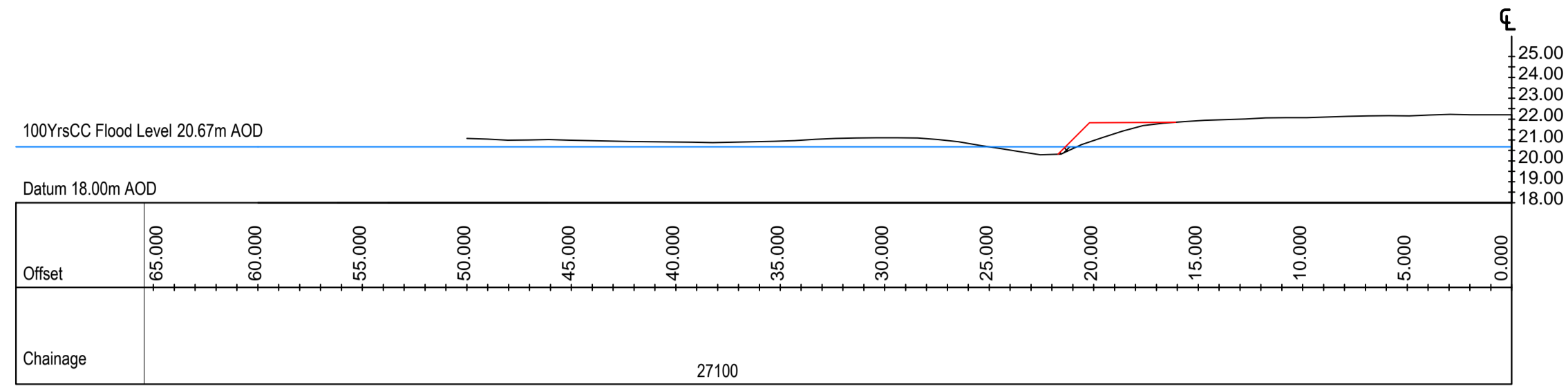
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KEY

-  100 YRS CC FLOOD LEVEL
-  EXISTING PROFILE
-  PROPOSED PROFILE
-  FLOOD COMPENSATION
-  FLOOD STORAGE LOSS



| | | | | |
|-----------------------|----|-------|----------|--------|
| Section text amended. | DU | ART | 24/12/15 | 11 |
| Revision Details | By | Check | Date | Suffix |

Purpose of Issue

INFORMATION

Client



Project Title

M4 J3 J12 FRA DRAINAGE

Drawing Title

WIDENING WORKS AND FLOOD MAPS CROSS SECTION DRAWING SITE REF R18 (SHEET 2 OF 2)

| | | | | |
|----------------------------|-------|---------|-------------|-------------|
| Designed | Drawn | Checked | Approved | Date |
| BG | DU | ART | SF | 21 OCT 2015 |
| AECOM Internal Project No. | | | Suitability | |
| 47074338 | | | | |
| Scale @ A1 | | Zone | | |
| 1:250 | | | | |

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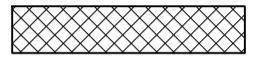
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| Drawing Number | Rev |
| 514451-MUH-00-ZZ-DR-DR-400153 | 11 |

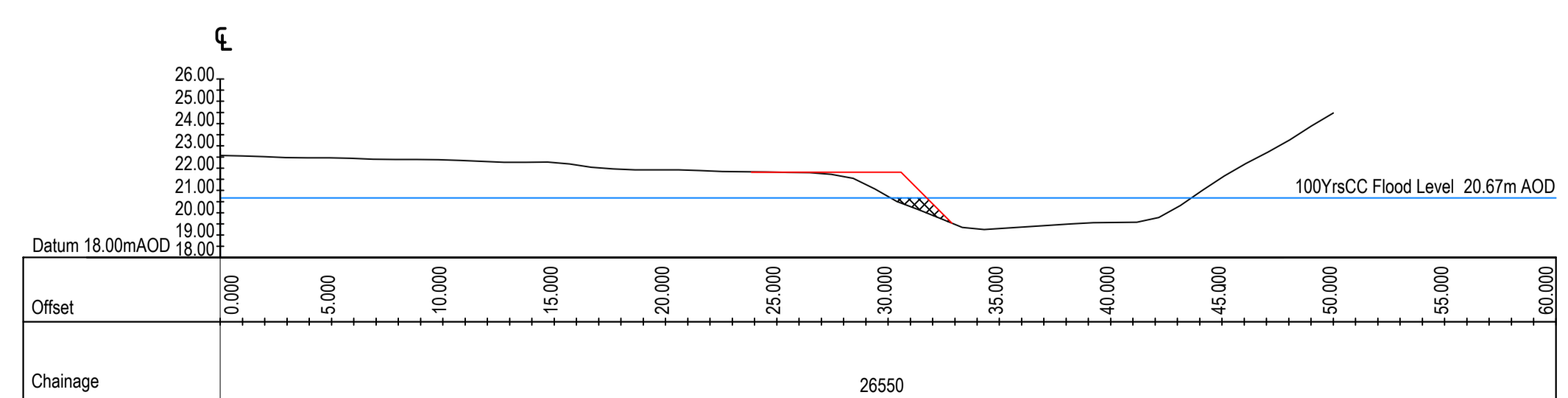
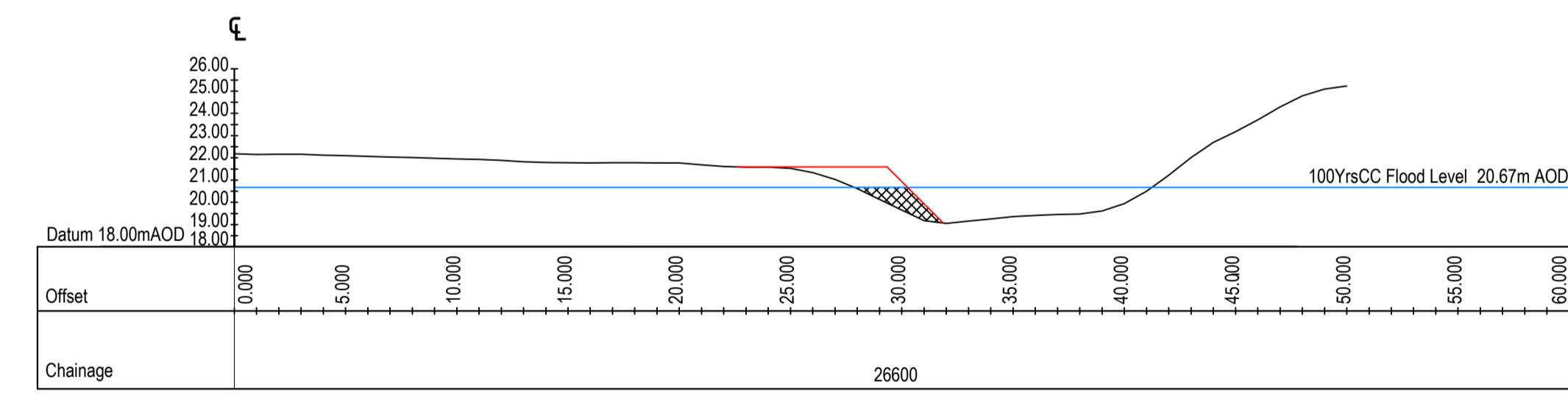
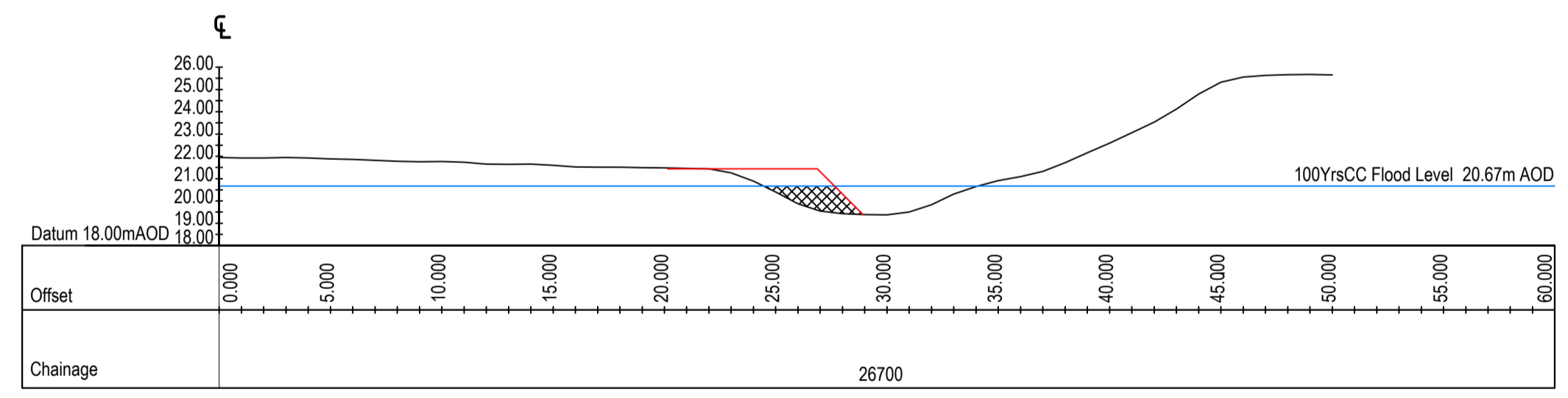
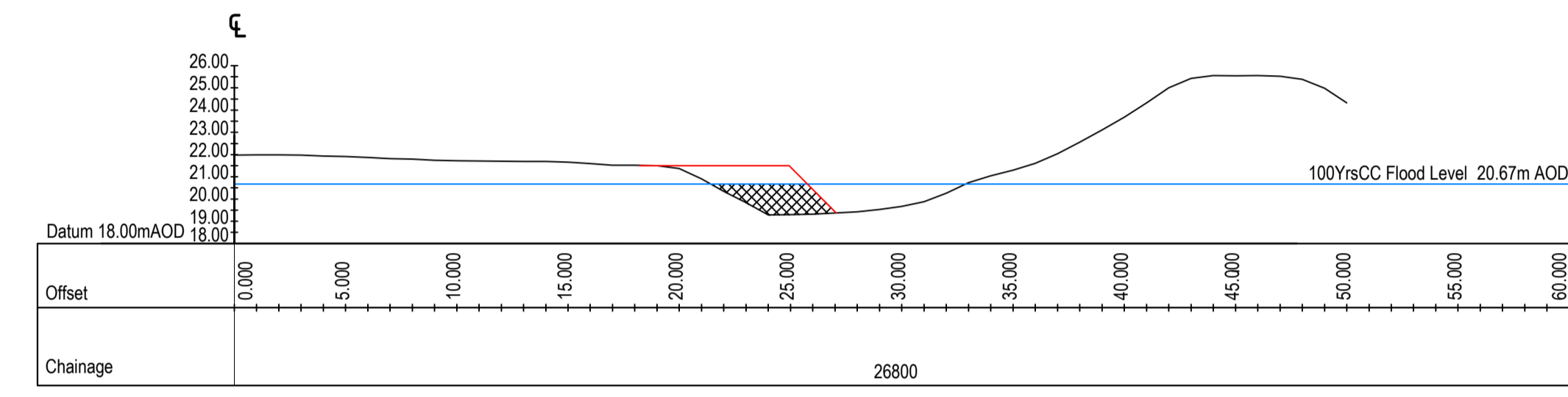
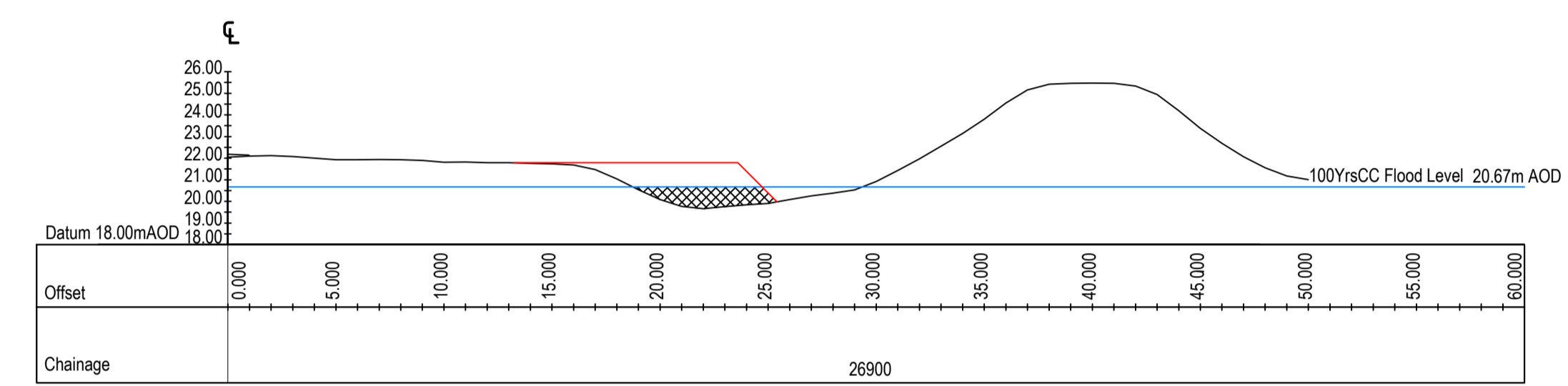
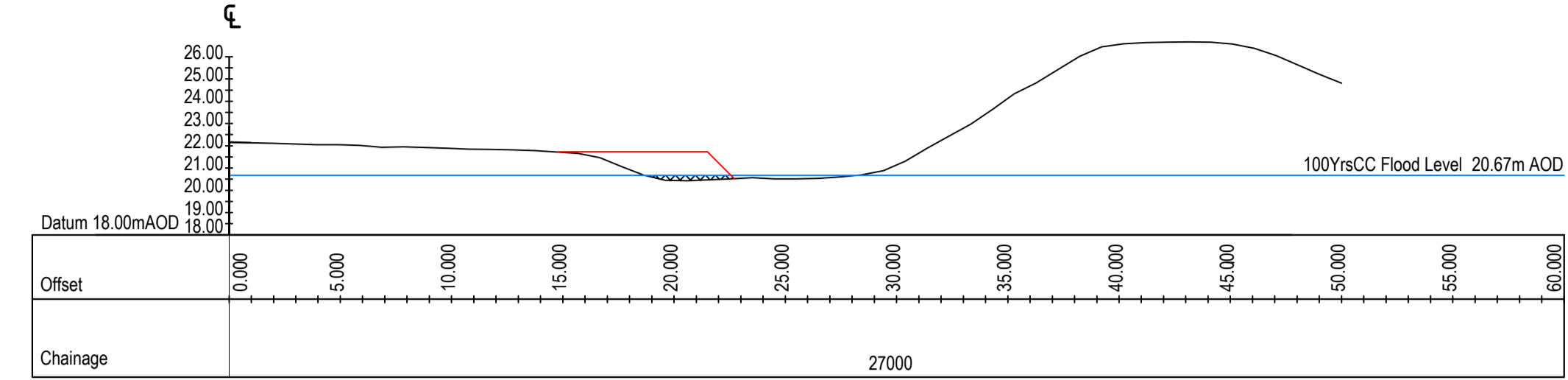
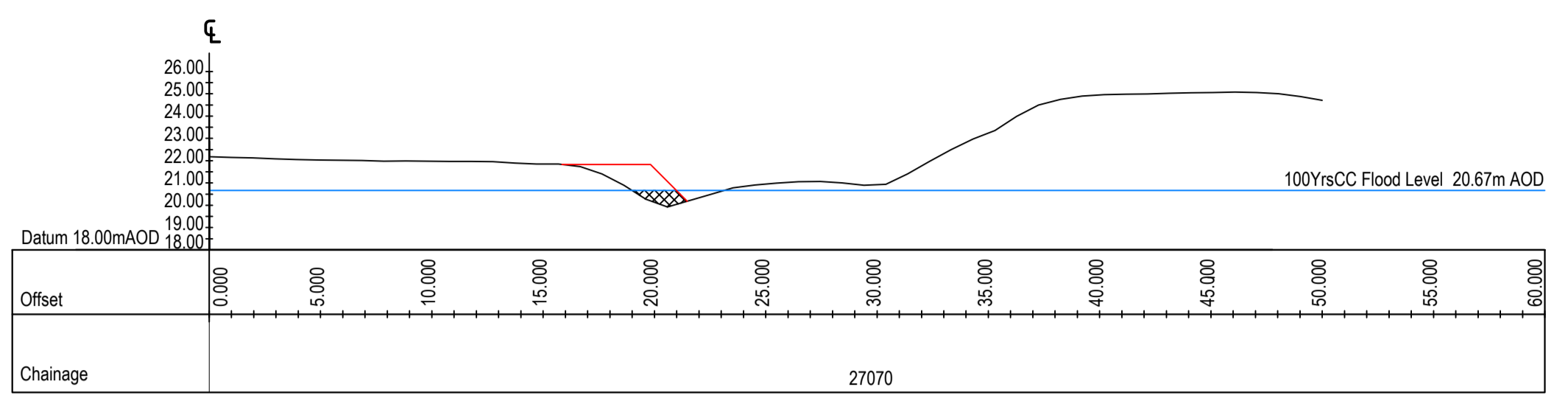
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KEY

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-  EXISTING PROFILE
-  PROPOSED PROFILE
-  FLOOD COMPENSATION
-  FLOOD STORAGE LOSS



| | | | | |
|-----------------------|----|-------|----------|--------|
| Section text amended. | DU | ART | 24/12/15 | 11 |
| Revision Details | By | Check | Date | Suffix |

INFORMATION

Client

 Project Title
M4 J3 J12 FRA DRAINAGE

WIDENING WORKS AND FLOOD MAPS CROSS SECTION DRAWING: SITE REF R19 (SHEET 1 OF 3)

| | | | | |
|--|-------------|----------------|----------------|---------------------|
| Designed BG | Drawn DU | Checked ART | Approved SF | Date 21 OCT 2015 |
| AECOM Internal Project No. 47074338 | | | Subsidiary | |
| Scale @ A1 | | Zone | | |

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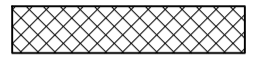
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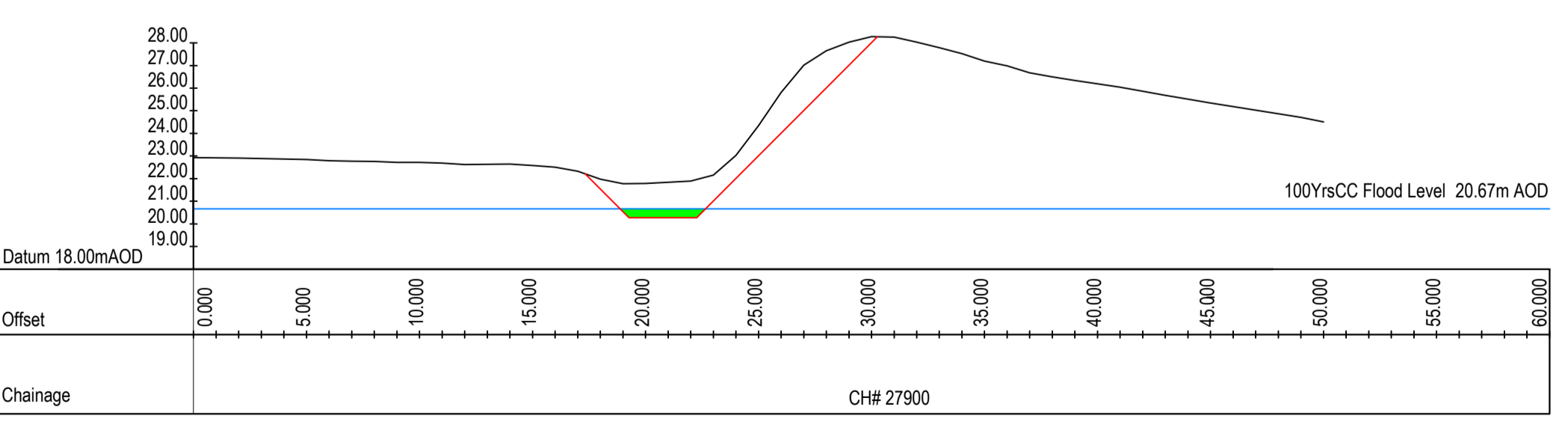
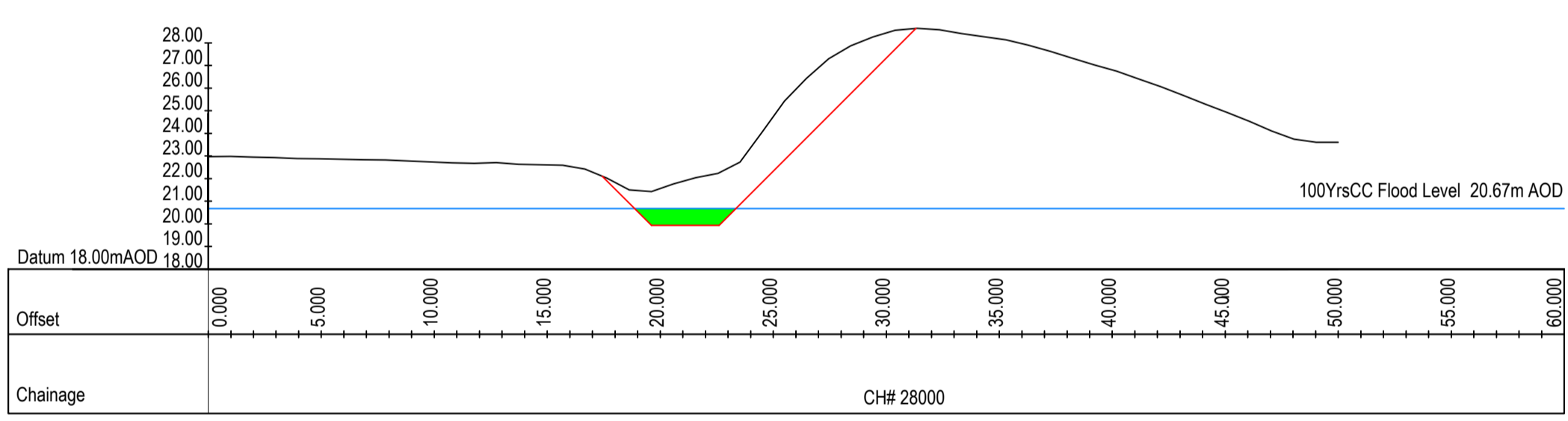
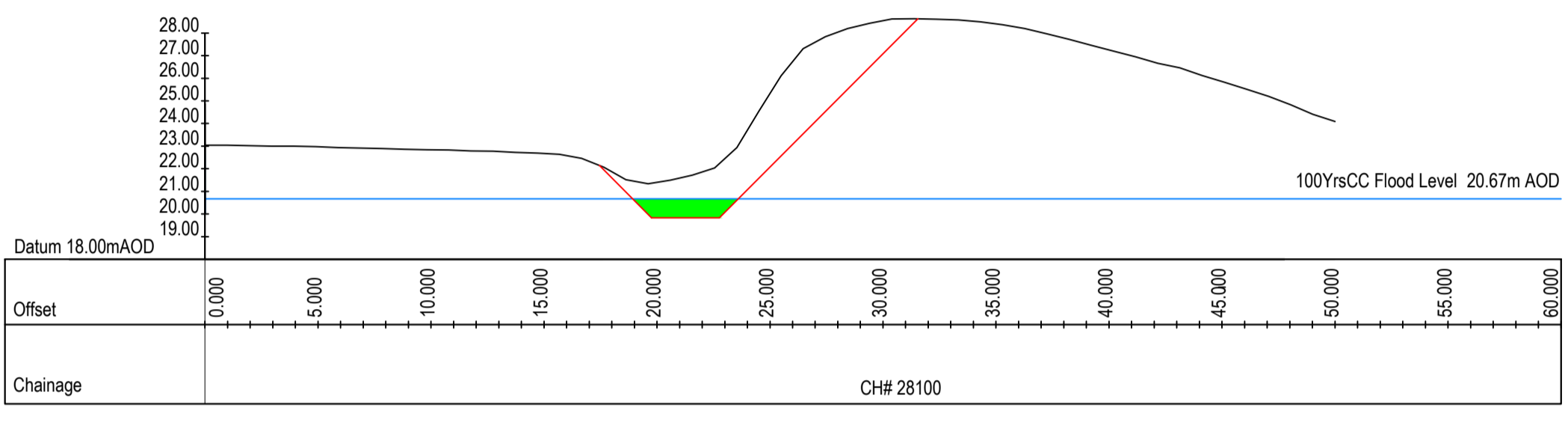
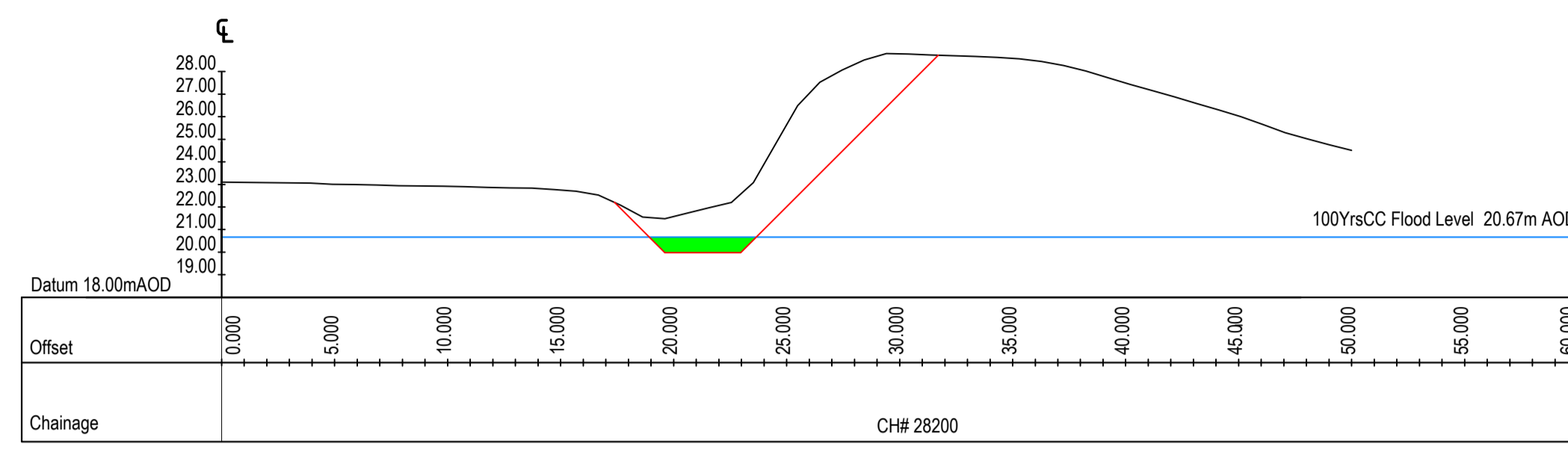
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KEY

-  100 YRS CC FLOOD LEVEL
-  EXISTING PROFILE
-  PROPOSED PROFILE
-  FLOOD COMPENSATION
-  FLOOD STORAGE LOSS



| | | | | |
|---------------------------------|----|-------|----------|--------|
| Scale and section text amended. | DU | ART | 24/12/15 | I1 |
| Revision Details | By | Check | Date | Suffix |

Purpose of issue

INFORMATION

Client



Project Title

M4 J3 J12 FRA DRAINAGE

Drawing Title

WIDENING WORKS AND FLOOD MAPS CROSS SECTION DRAWING: SITE REF R19 (SHEET 2 OF 3)

| | | | | |
|----------------------------|-------|---------|------------|-------------|
| Designed | Drawn | Checked | Approved | Date |
| BG | DU | ART | SF | 21 OCT 2015 |
| AECOM Internal Project No. | | | Subsidiary | |
| 47074338 | | | | |
| Scale @ A1 | | Zone | | |
| 1:250 | | | | |

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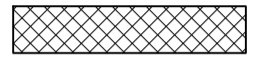
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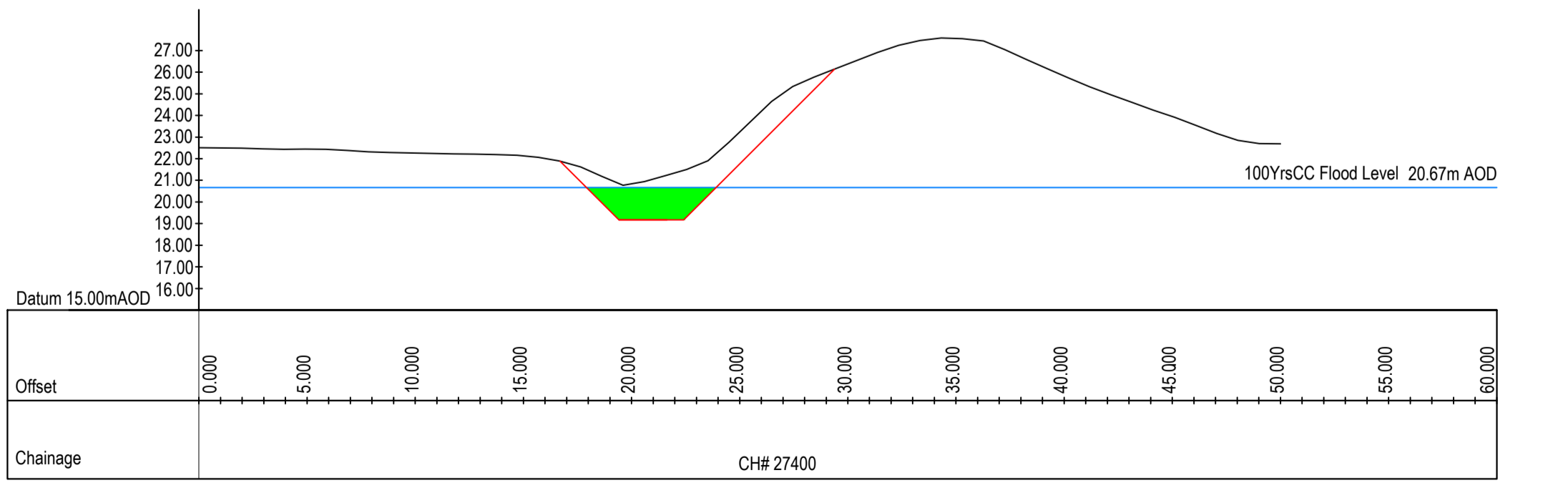
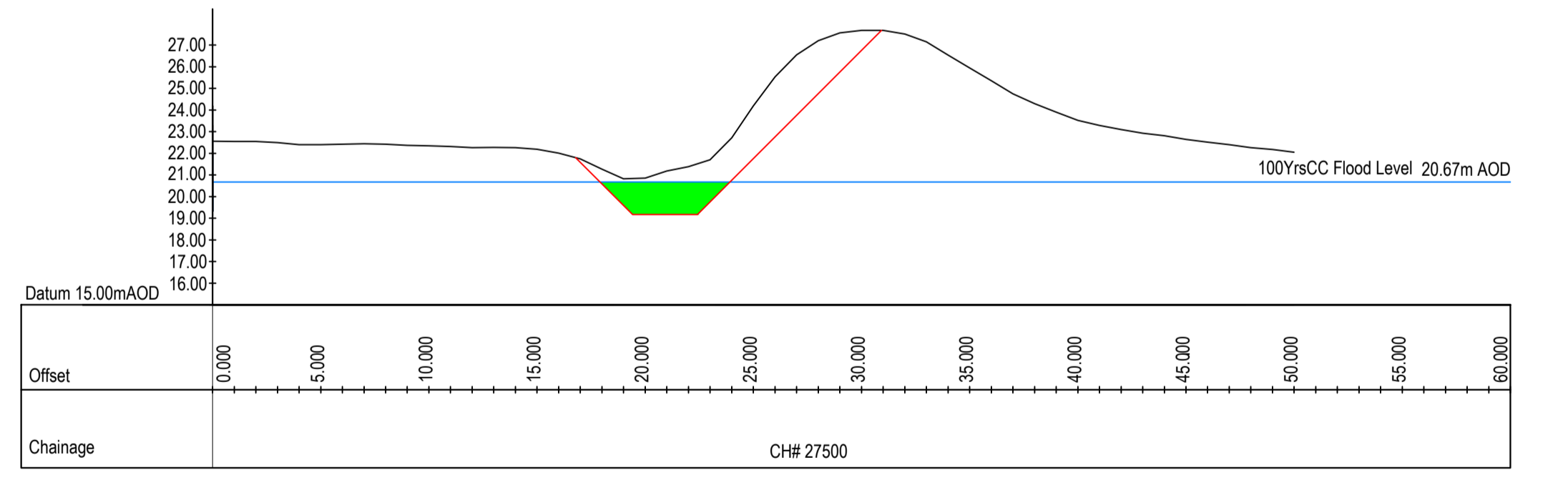
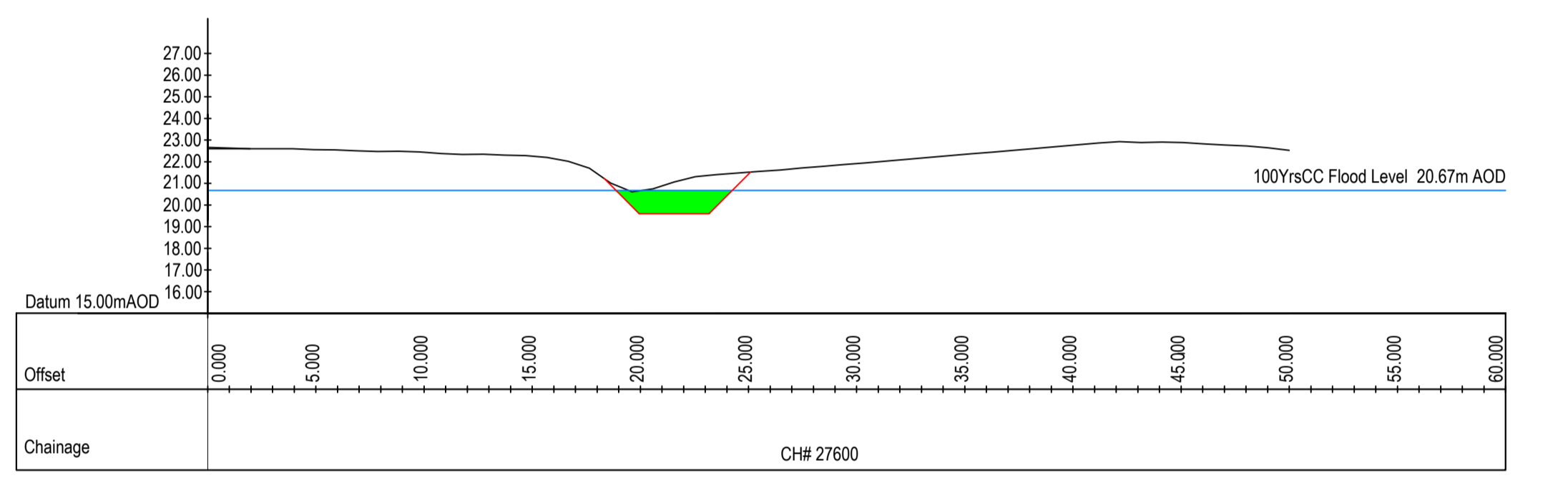
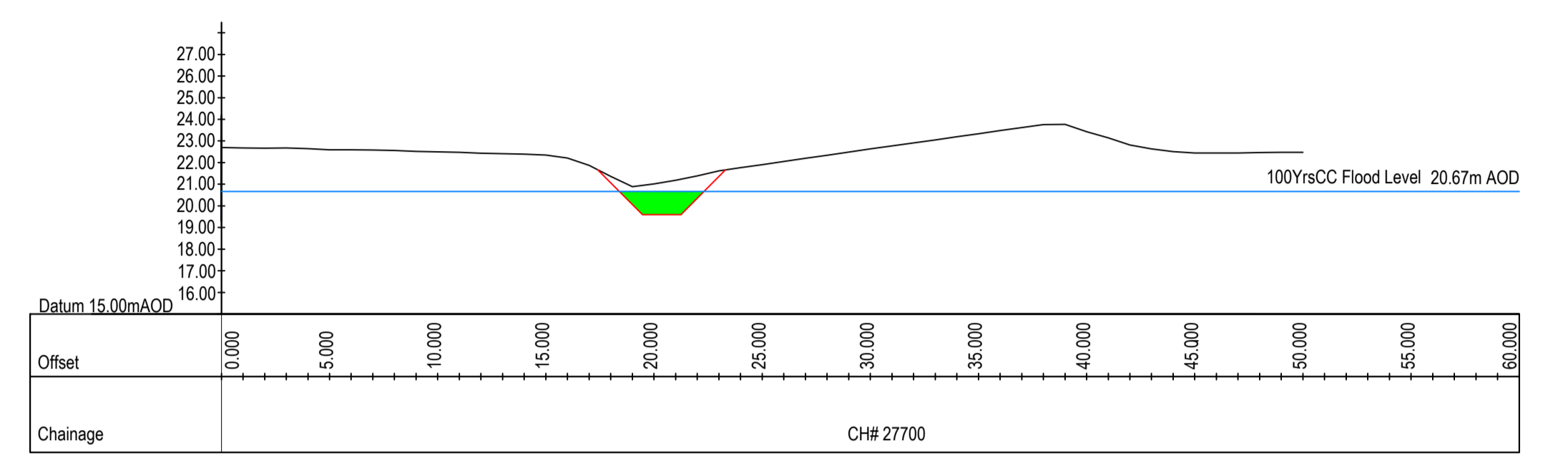
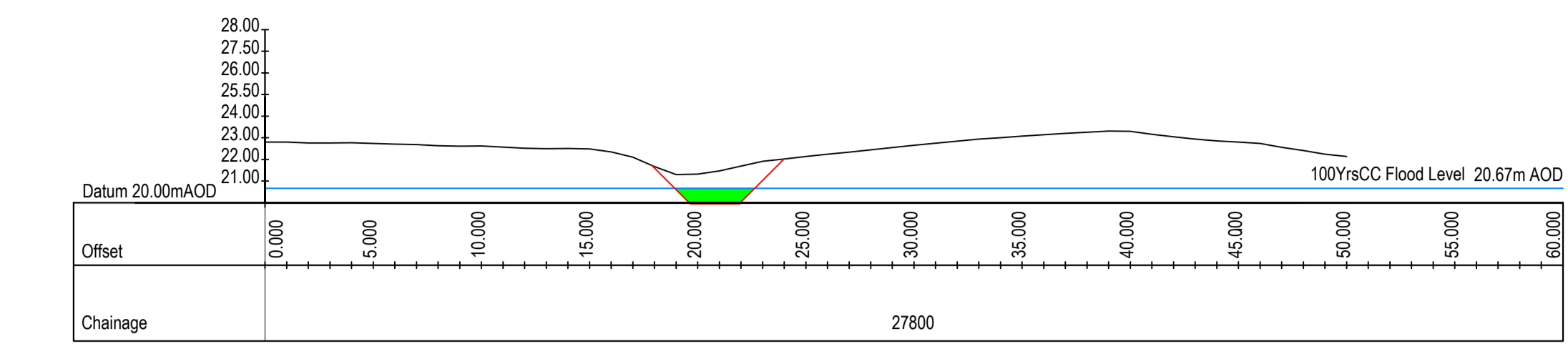
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KEY

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-  FLOOD STORAGE LOSS



| | | | | |
|---------------------------------|----|-------|----------|--------|
| Scale and section text amended. | DU | ART | 24/12/15 | I1 |
| Revision Details | By | Check | Date | Suffix |

Purpose of issue

INFORMATION

Client



Project Title

M4 J3 J12 FRA DRAINAGE

Drawing Title

WIDENING WORKS AND FLOOD MAPS CROSS SECTION DRAWING: SITE REF R19 (SHEET 3 OF 3)

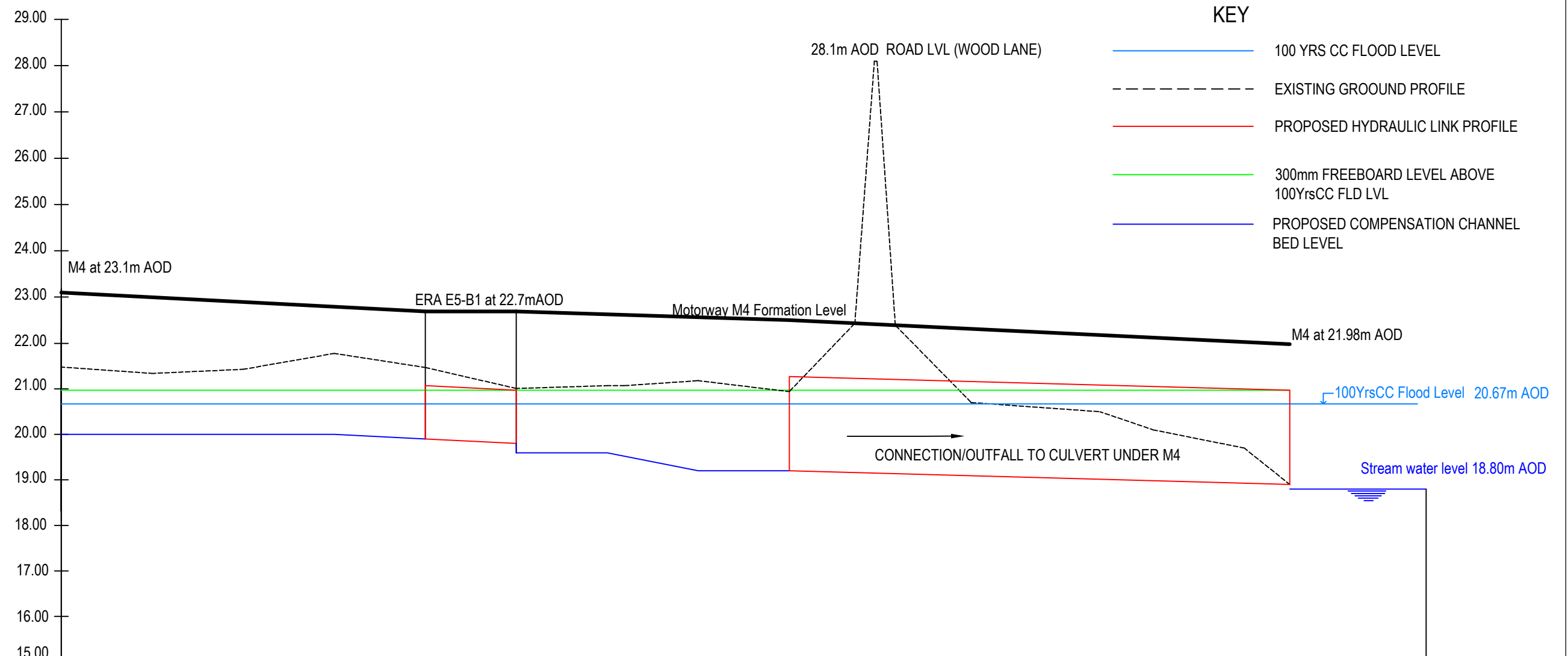
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| Designed | Drawn | Checked | Approved | Date |
| BG | DU | ART | SF | 21 OCT 2015 |
| AECOM Internal Project No. 47074338 | | | Subsidiary | |
| Scale @ A1 1:250 | | Zone | | |

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| Drawing Number | Rev |
| 514451-MUH-00-ZZ-DR-DR-400156 | 11 |



| | | | | | | | | | | | | | | | |
|--|----------------------------|-------|-------|-------|-------------------------------|----------------|----------------------------|-------|-------|----------------------------------|-------|-------|-------------------------|-------------------------|-------|
| Existing Ground Elevation Along Compensation Route | 21.48 | 21.34 | 21.43 | 21.78 | 21.47 | 21.01 | 21.07 | 21.18 | 20.94 | 20.70 | 20.50 | 20.10 | 19.70 | | |
| Compensation Channel Bed / Hydraulic Link Invert Level | 20.00 | 20.00 | 19.90 | 20.00 | 19.90 | 19.60 19.80 | 19.60 | 19.20 | 19.20 | 28.10 | 19.09 | 19.04 | 18.98 | 18.90 | |
| Chainage | 28200 | 28100 | 28000 | 27900 | 27800 | 27700 | 27600 | 27500 | 27400 | 27330 27300 27280 | 27200 | 27100 | 27070 | 27000 26960 26900 | 26850 |
| Area Description | COMPENSATION AREA | | | | | | | | | WOOD LANE ABOVE M4 | | | FLOOD STORAGE LOSS AREA | | |
| Hydraulic Link | COMPENSATION CHANNEL DITCH | | | | PROPOSED HYDRAULIC LINK: PIPE | | COMPENSATION CHANNEL DITCH | | | PROPOSED HYDRAULIC LINK: CULVERT | | | | | |

NOTE
 1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH FLOOD MAP 514451-MUH-ZZ-DR-DR-400157

| | | | | | | | | |
|--|---|--|----------|----------------|-------------|-----------------|--|--|
| Project Title M4 J3 J12 FRA DRAINAGE | Drawing Title WIDENING WORKS AND FLOOD MAP LONG SECTION DRAWING: SITE REF R19 | Purpose of issue INFORMATION | | | | | THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF AECOM'S APPOINTMENT BY ITS CLIENT. AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED. | AECOM Infrastructure & Environment UK Limited URS House, Horne Lane Bedford MK40 1TS Tel: +44 (0)1234 349 641 Fax: +44 (0)1234 261 268 www.aecom.com |
| | | Designed BG | Drawn DU | Checked GP | Approved SF | Date 24/12/2015 | | |
| Client | | AECOM Internal Project No. 47074338 | | Suitability | | | | |
| | | Scale @ A3 H 1:5000 V 1:100 | | Zone / Mileage | | | | |








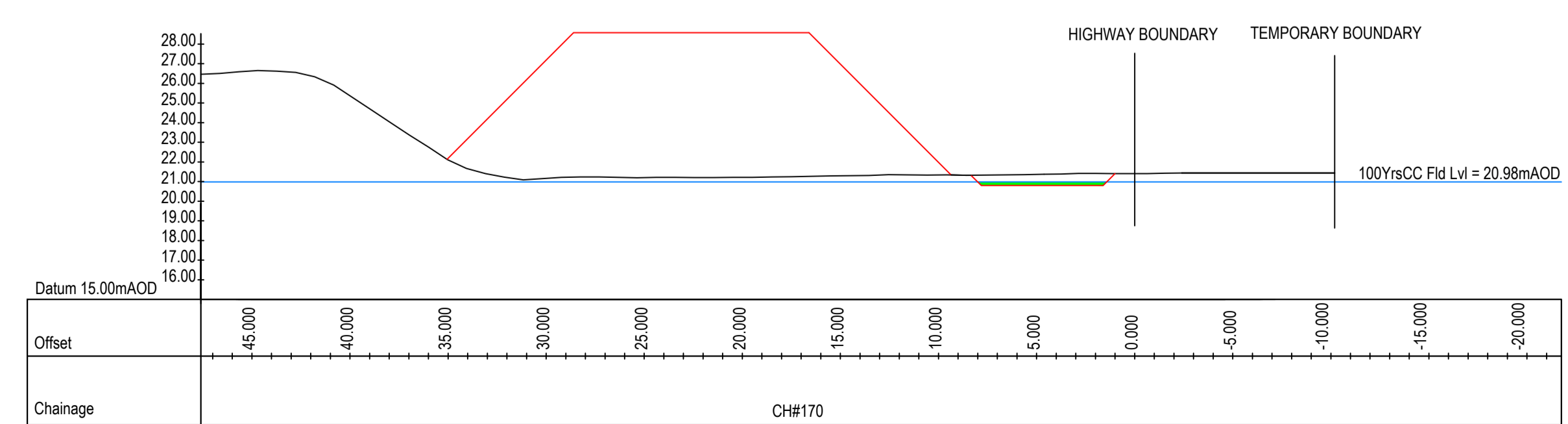
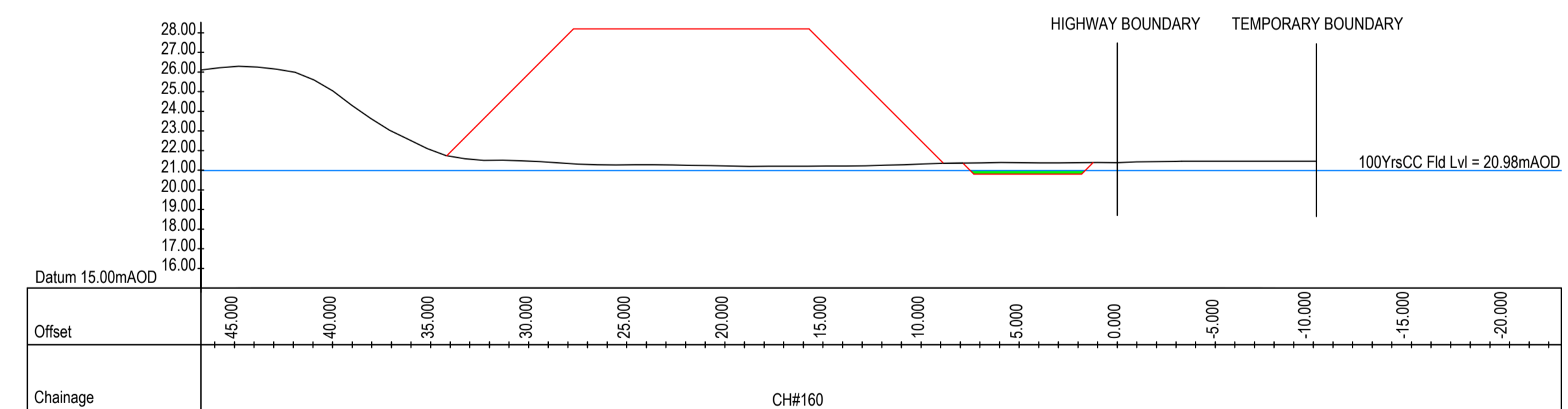
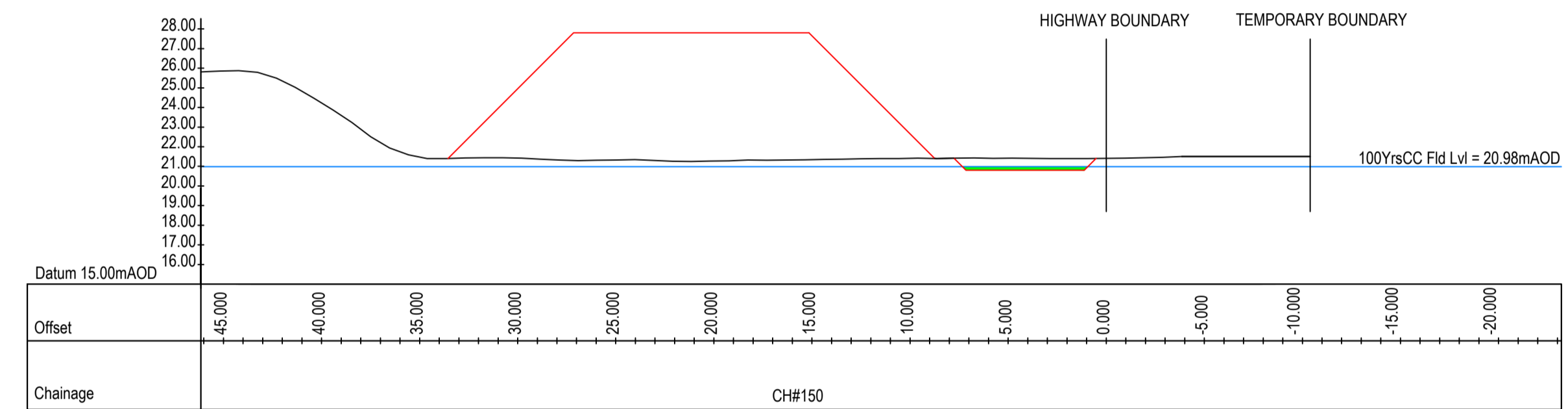
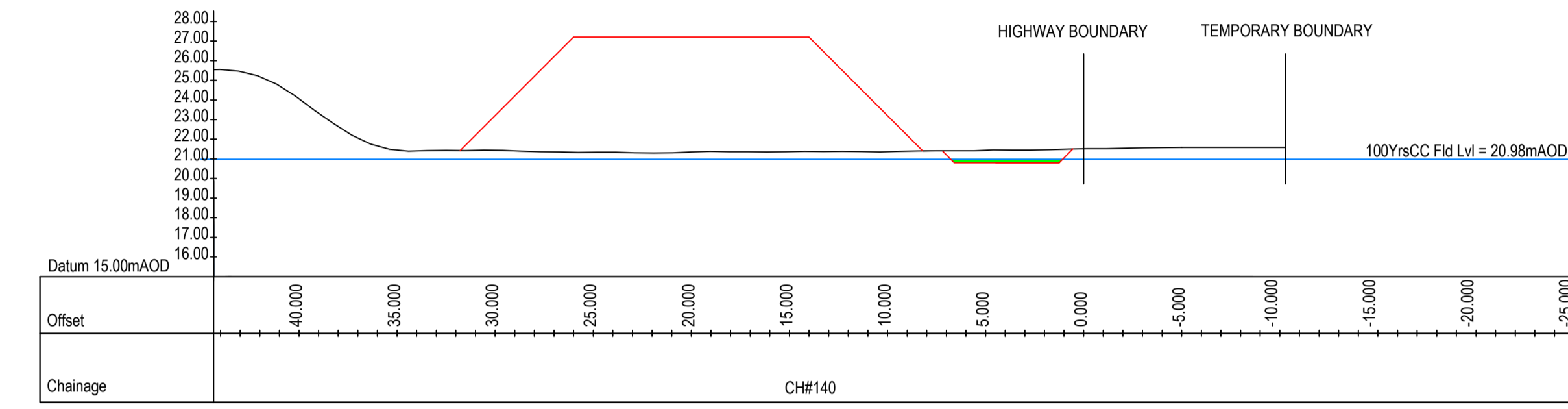
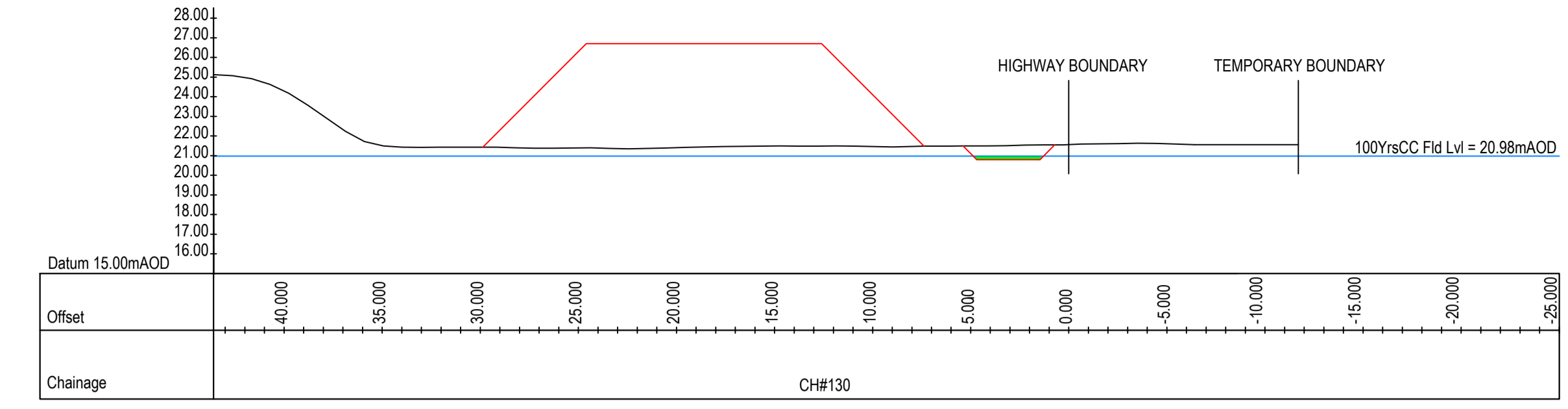
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KEY

-  100 YRS CC FLOOD LEVEL
-  EXISTING PROFILE
-  PROPOSED PROFILE
-  FLOOD COMPENSATION
-  FLOOD STORAGE LOSS



| | | | |
|------------------|-------|------|--------|
| Revision Details | By | Date | Suffix |
| | Check | | |

Purpose of issue

INFORMATION



Client

Project Title

M4 J3 J12 FRA DRAINAGE

Drawing Title

WIDENING WORKS AND FLOOD MAPS CROSS SECTION DRAWING: SITE REF WOOD LANE (SHEET 1 OF 3)

| | | | | |
|----------------------------|-------|---------|----------|-------------|
| Designed | Drawn | Checked | Approved | Date |
| BG | DU | ART | SF | 08 JAN 2016 |
| AECOM Internal Project No. | | | Subality | |
| 47074338 | | | | |
| Scale @ A1 | | | Zone | |
| 1:250 | | | | |

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| Drawing Number | Rev |
| 514451-MUH-00-ZZ-DR-DR-400219 | 10 |

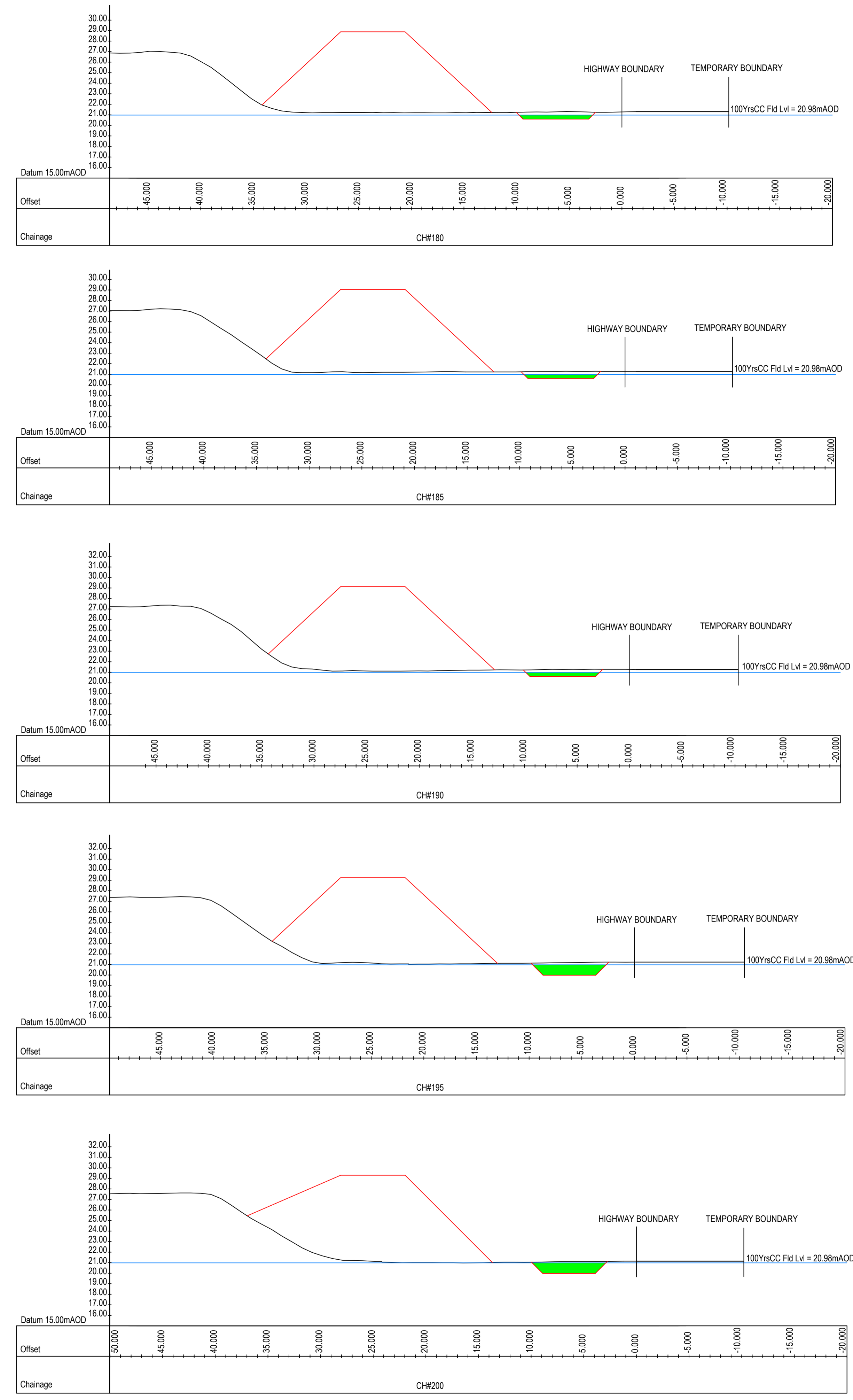
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KEY

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-  PROPOSED PROFILE
-  FLOOD COMPENSATION
-  FLOOD STORAGE LOSS



| | | | |
|------------------|-------|------|--------|
| Revision Details | By | Date | Suffix |
| | Check | | |

INFORMATION

Client

 driving forward

Project Title
M4 J3 J12 FRA DRAINAGE

Drawing Title
WIDENING WORKS AND FLOOD MAPS CROSS SECTION DRAWING: SITE REF WOOD LANE (SHEET 2 OF 3)

| | | | | |
|--|-------------|----------------|----------------|---------------------|
| Designed BG | Drawn DU | Checked ART | Approved SF | Date 08 JAN 2016 |
| AECOM Internal Project No. 47074338 | | | Subsidiary | |
| Scale @ A1 1:250 | | | Zone | |

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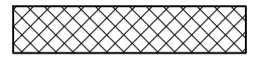
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|---|-----------|

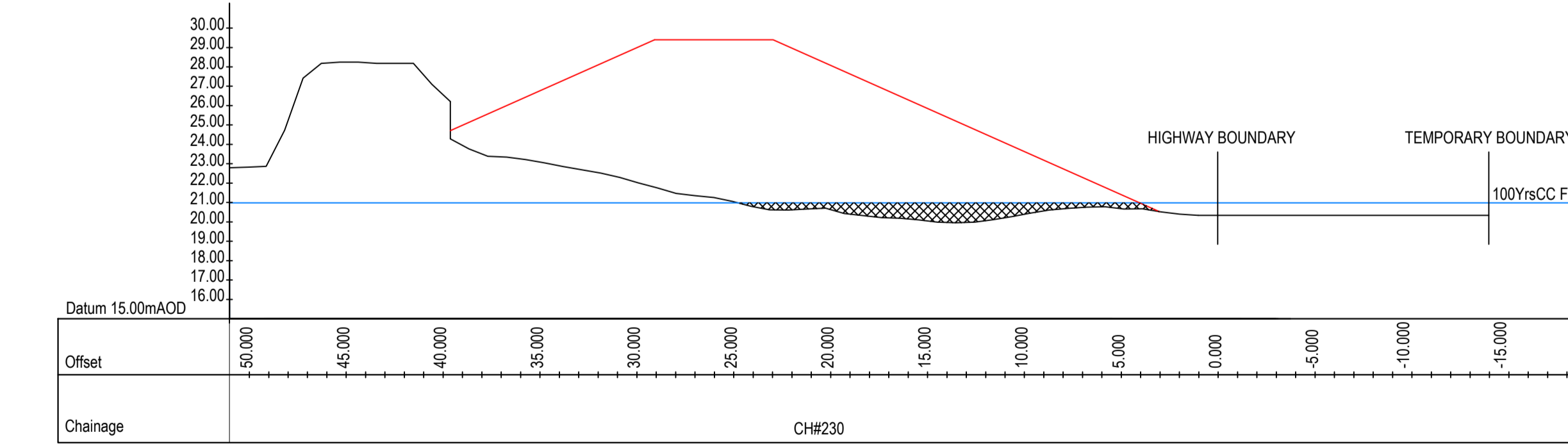
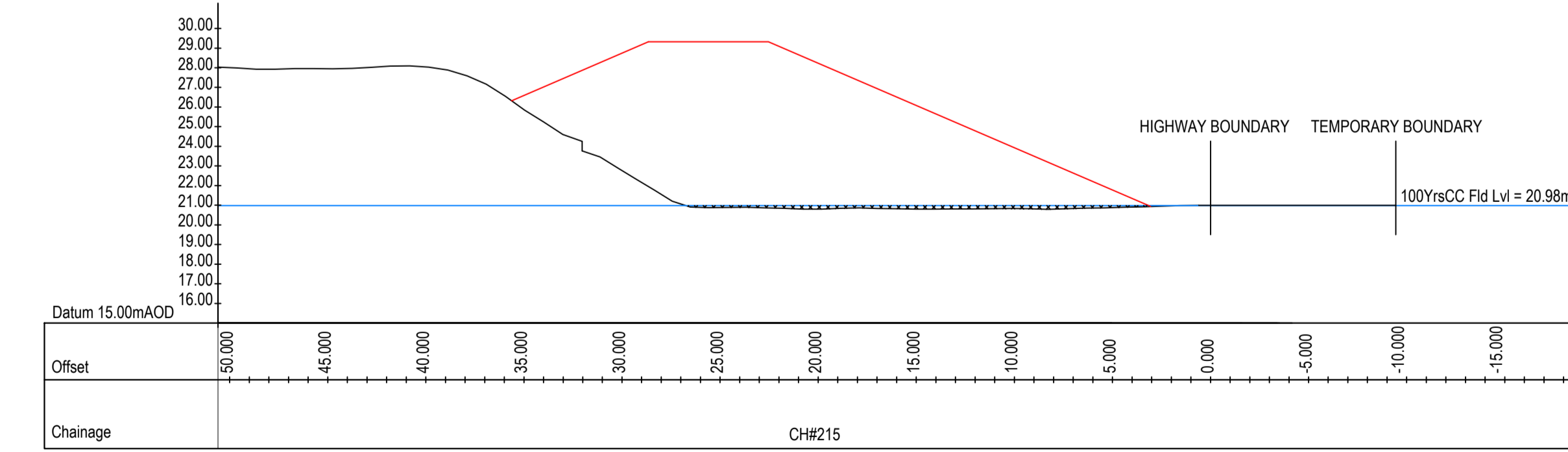
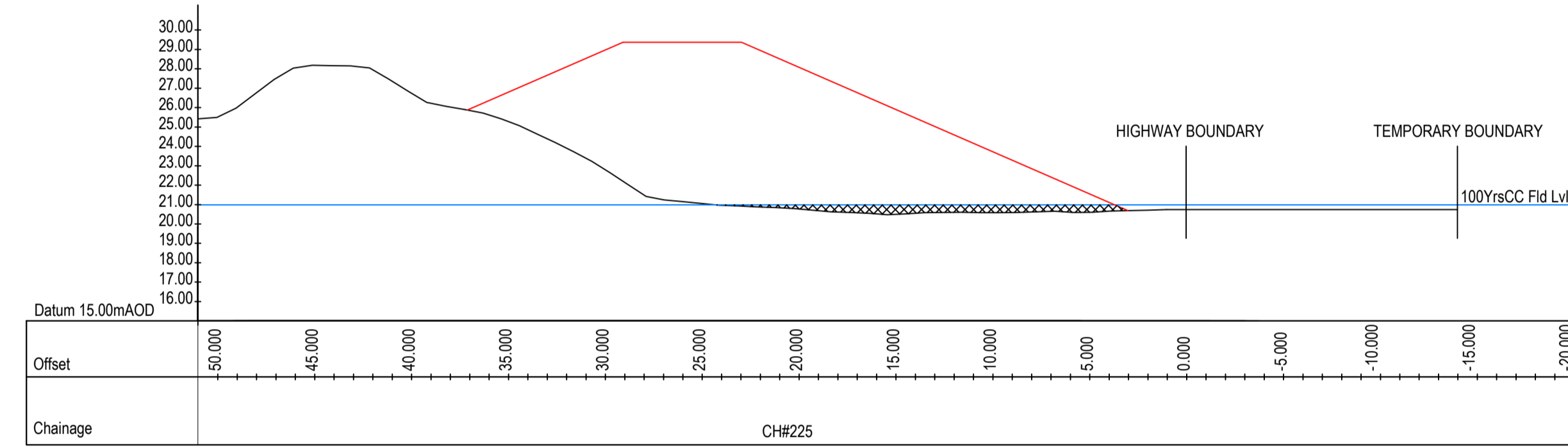
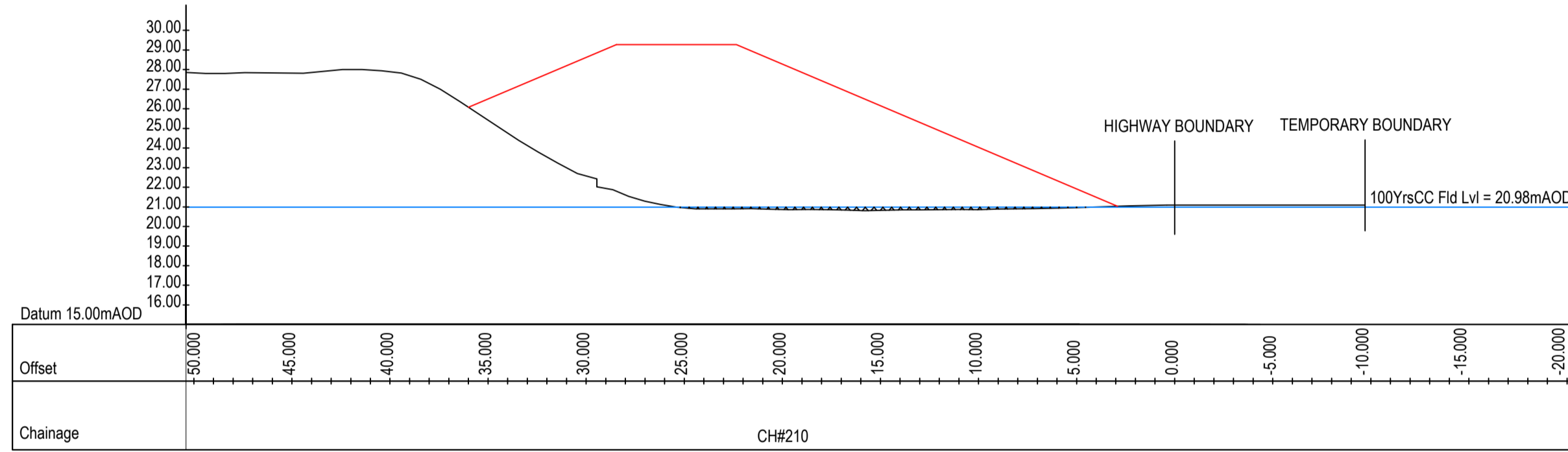
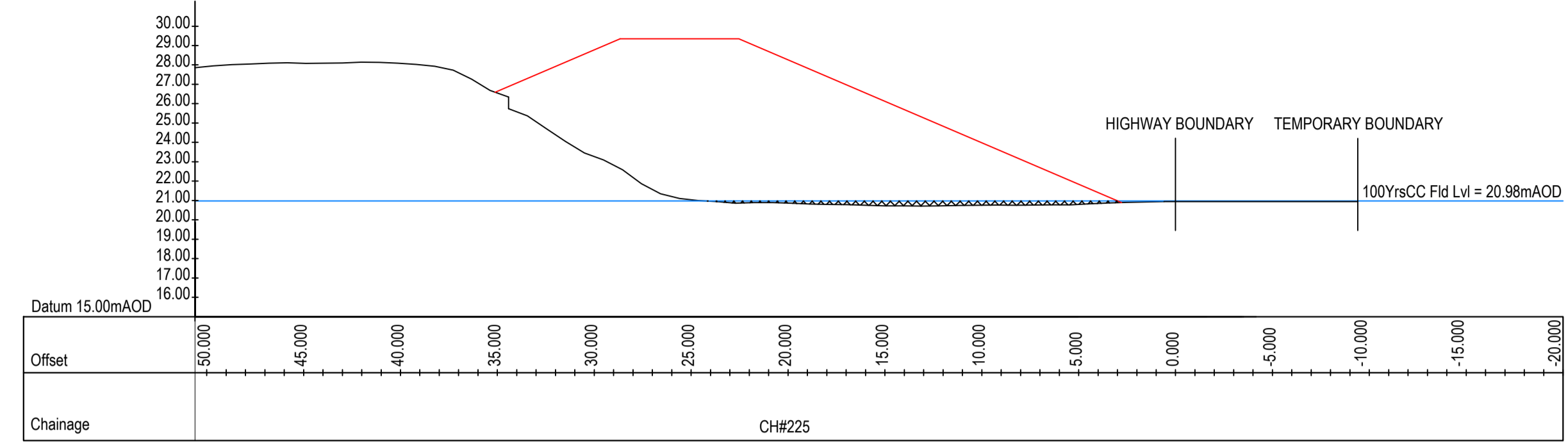
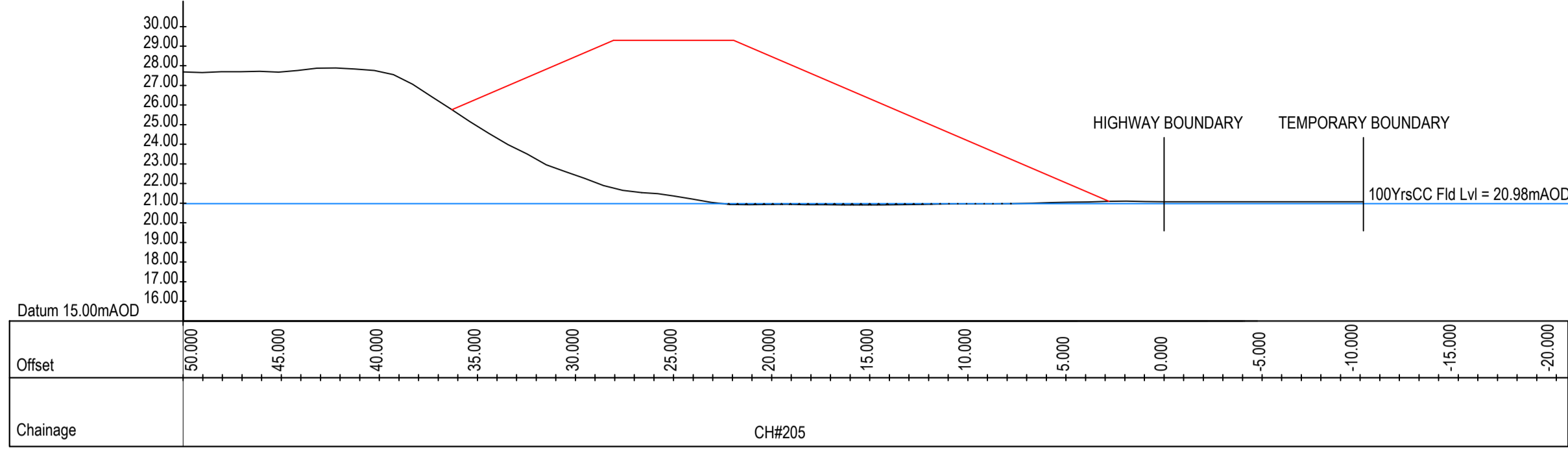
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KEY

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-  EXISTING PROFILE
-  PROPOSED PROFILE
-  FLOOD COMPENSATION
-  FLOOD STORAGE LOSS



| | | | |
|------------------|-------|------|--------|
| Revision Details | By | Date | Suffix |
| | Check | | |

INFORMATION



Client
 Project Title
M4 J3 J12 FRA DRAINAGE

WIDENING WORKS AND FLOOD MAPS CROSS SECTION DRAWING: SITE REF WOOD LANE (SHEET 3 OF 3)

| | | | | |
|--|-------------|----------------|----------------|---------------------|
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| AECOM Internal Project No. 47074338 | | | Subsidiary | |
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