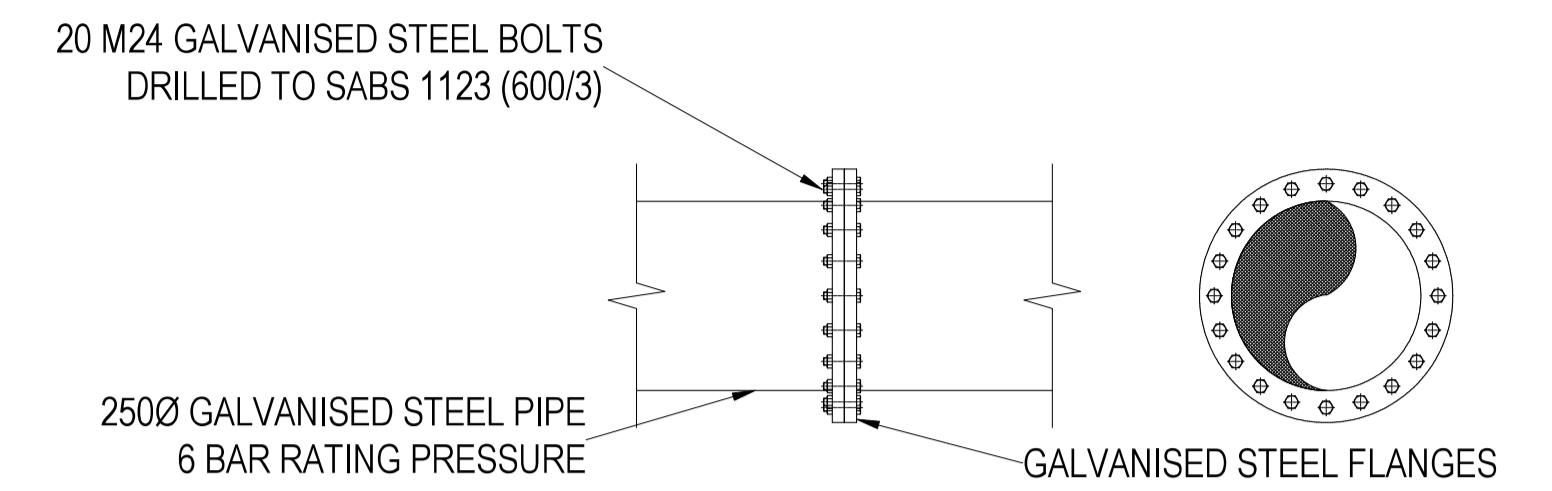
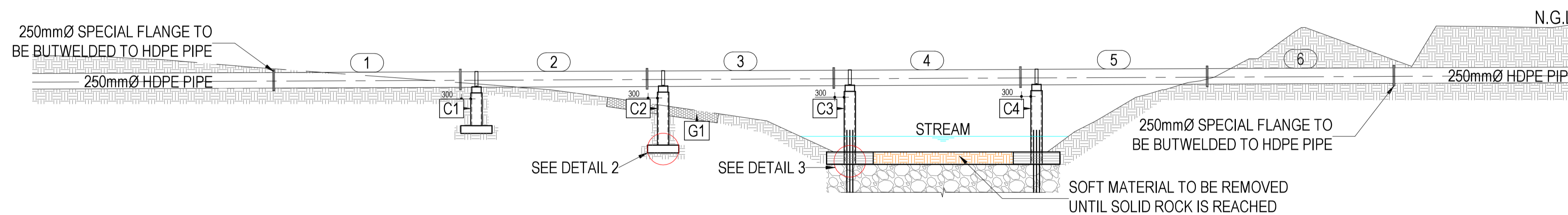


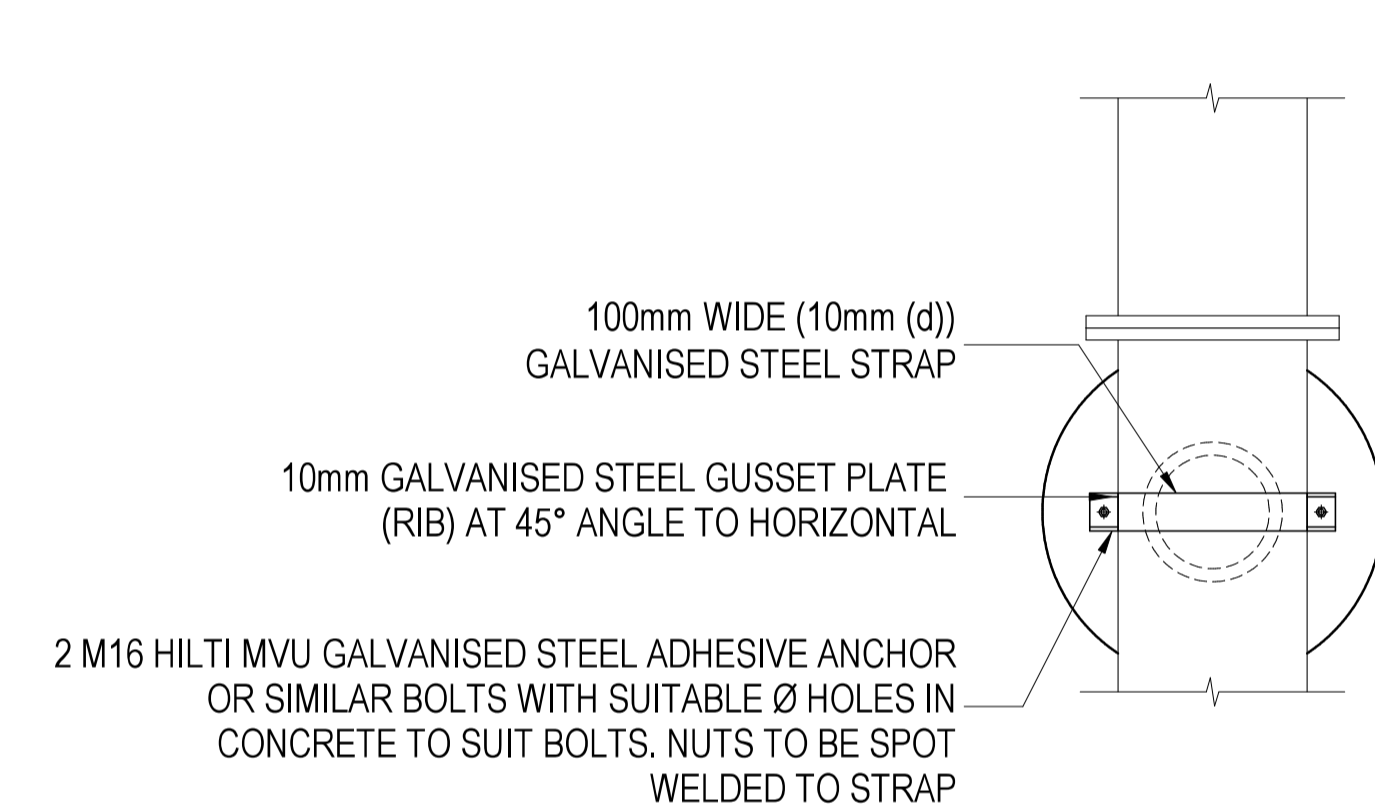
PLAN: RIVER CROSSING
SCALE: 1:100



DETAIL 1 : FLANGE CONNECTION
SCALE: 1:20

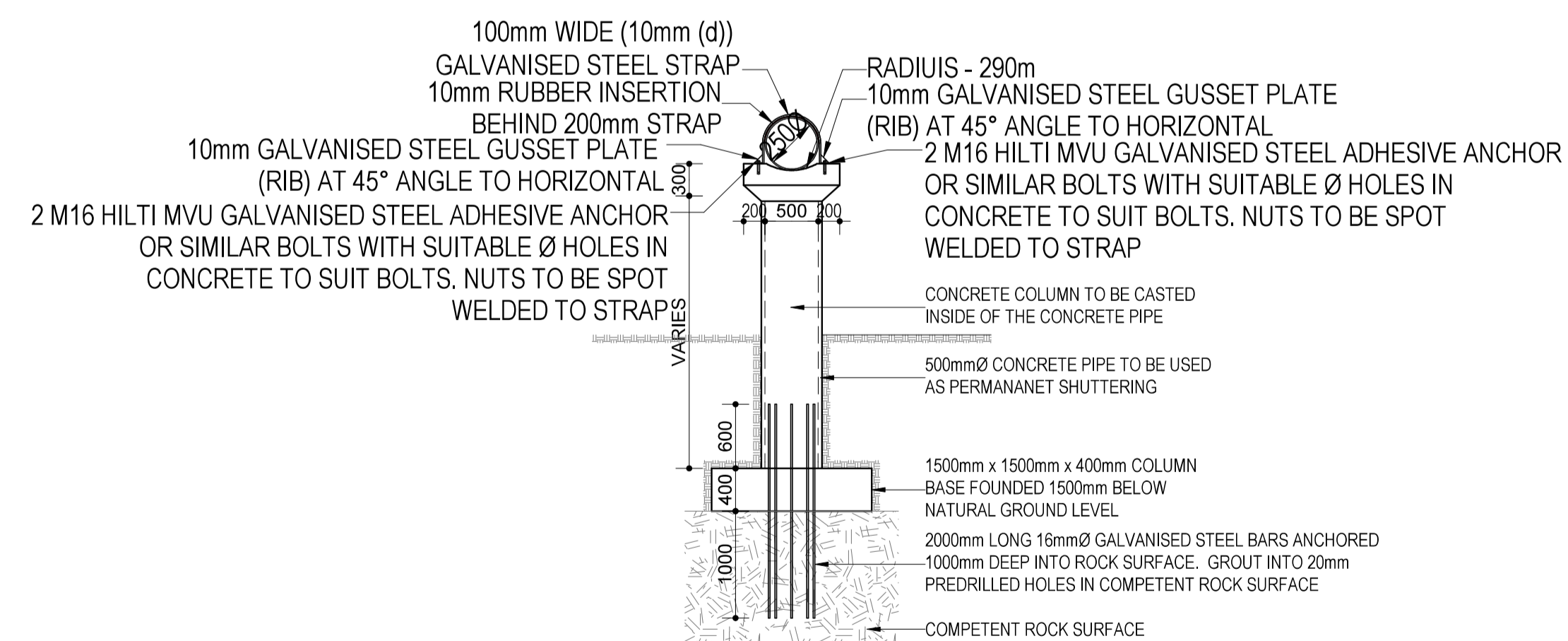


SECTION A-A
SCALE: 1:100

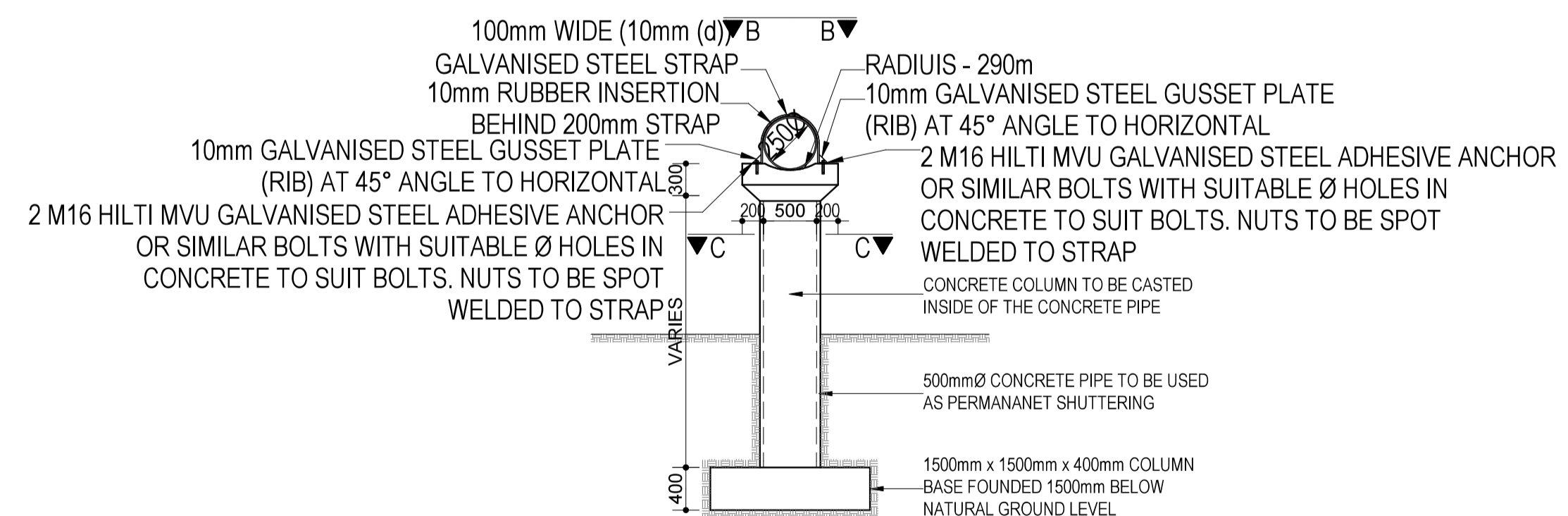


SECTION B-B
SCALE: 1:20

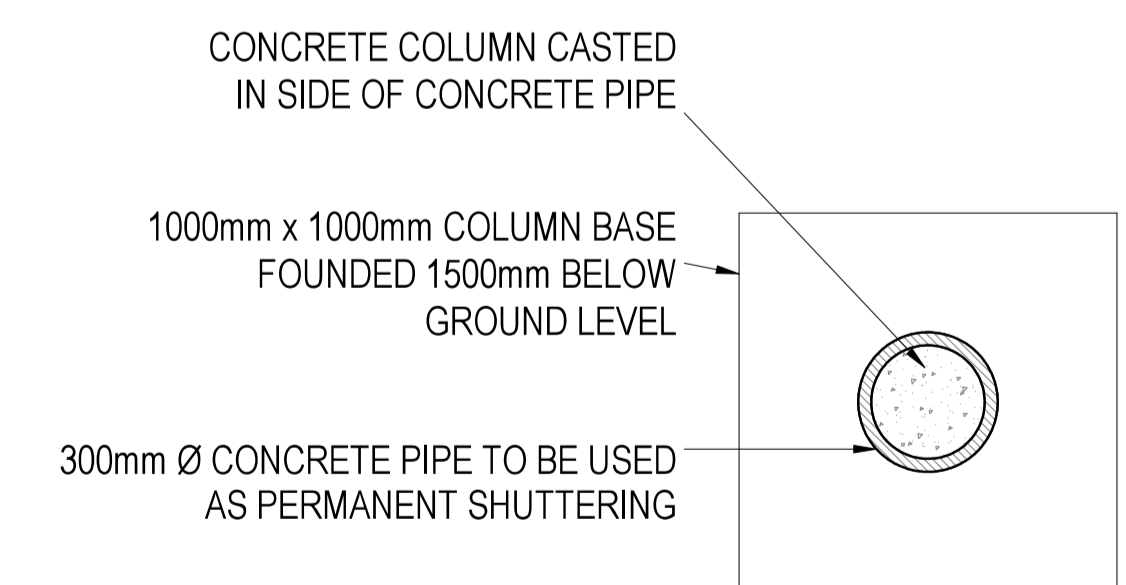
NOTE:
1) PIPES 1-6 ARE 250mmØ GALVANISED STEEL PIPE SECTIONS 6m LONG
2) COLUMNS C1-C4 IS 300mmØ CONCRETE PIPE TO BE USED AS PERMANENT SHUTTERING AND CONCRETE COLUMN TO BE CASTED IN SIDE OF CONCRETE PIPE
3) GABION BASKETS (3600mm x 3600mm x 300mm) G1 TO BE CONSTRUCTED FOR EROSION PROTECTION



DETAIL 3: PIPE ANCHOR
SCALE: 1:50



DETAIL 2: PIPE COLUMN BASE
SCALE: 1:50



SECTION C-C
SCALE: 1:20

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|--|-----|----------|-------|---------|------|
| DESIGNED NAME: L.B.F. AMBROSE DATE: JAN 2021 | No. | REVISION | DRAWN | CHECKED | DATE |
| DRAWN NAME: L.B.F. AMBROSE DATE: JAN 2021 | | | | | |
| CHECKED NAME: L.B.F. AMBROSE DATE: JAN 2021 | | | | | |
| SIGNATURE:..... DATE: JAN 2021 | | | | | |

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| No. | REVISION | DRAWN | CHECKED | DATE |
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| PROJECT DETAIL | SERVICE DETAIL |
| MANTSOPA LOCAL MUNICIPALITY: LADYBRAND BULK WATER SUPPLY PHASE 2A | TYPICAL RIVER CROSSING DETAILS |

| | |
|---|--------------------------------|
| PROJECT DETAIL | SERVICE DETAIL |
| MANTSOPA LOCAL MUNICIPALITY: LADYBRAND BULK WATER SUPPLY PHASE 2A | TYPICAL RIVER CROSSING DETAILS |