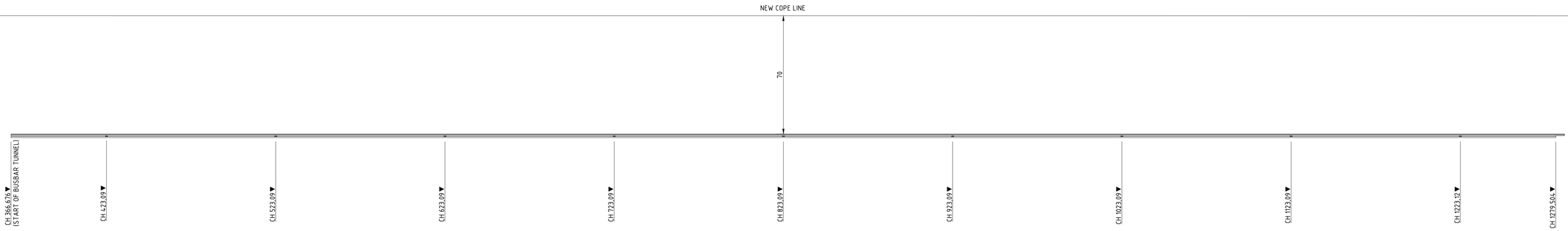
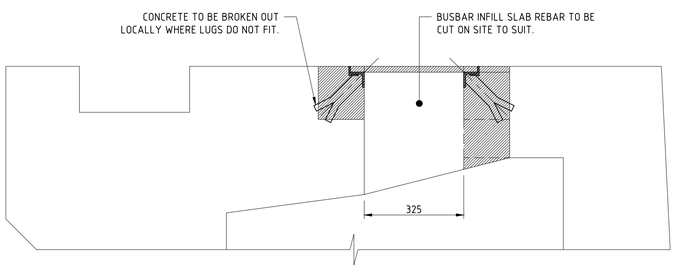
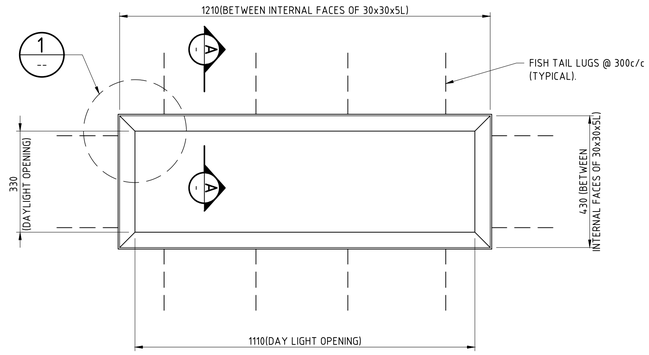
DO NOT SCALE - IF IN DOUBT, ASK



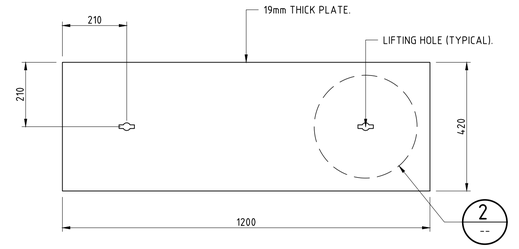

## PLAN SHOWING POSITIONS OF ACCESS HOLES IN EXISTING BUSBAR TUNNEL
1:1200



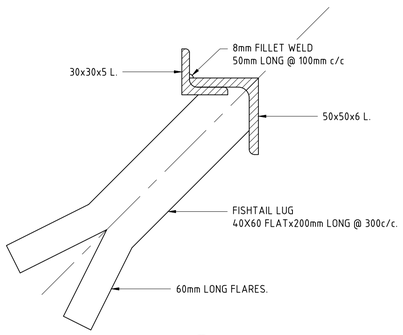

## TYPICAL SECTION
1:10



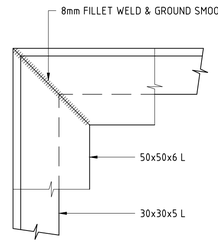

## PLAN ON FRAME
1:10



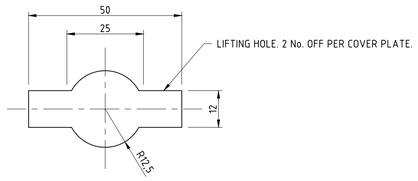

## PLAN ON COVER
1:10




## SECTION A
1:2




## DETAIL 1
1:2




## DETAIL 2
1:1

### NOTES
1. AFTER FABRICATION, THE FRAME IS TO BE COATED WITH A ZINC COATING APPLIED BY THERMO-DIFFUSION COATING (SHERARDIZING) IN ACCORDANCE WITH BS EN 13811:2003

2. ALL STEEL TO BE GRADE S355JR.

### MATERIAL LIST PER ACCESS HOLE

| DESCRIPTION | No OFF | MASS/ITEM (kg) | TOTAL MASS (kg) |
|---|---|---|---|
| 50x50x6 ANGLE (1210mm LONG) | 2 | 5.4 | 10.8 |
| 50x50x6 ANGLE (430mm LONG) | 2 | 1.9 | 3.8 |
| 30x30x5 ANGLE (1220mm LONG) | 2 | 2.7 | 5.4 |
| 30x30x5 ANGLE (440mm LONG) | 2 | 1.0 | 2.0 |
| 1200x420x19mm PLATE | 1 | 75.0 | 75.0 |
| FISHTAIL LUG | 2 | 0.4 | 4.8 |

9 No. OFF REQUIRED

1785-CO-110-C-DWG-0001-01 | EXISTING QUAY FURNITURE GENERAL ARRANGEMENT
DRAWING NO. | REFERENCE

REFERENCE DRAWINGS


Engineers
P O Box 26546
HOUT BAY 7872
Tel: +27(21) 791 9100
E-Mail: zaaepna@zaaepna.com

31 Melkhout Crescent
Hout Bay 7806
Fax: +27(21) 790 4470


| PROJECT NO | DIS CODE | AREA | DISP | TYPE | DRG NO | SHEET | STATUS | REV |
|---|---|---|---|---|---|---|---|---|
| 1785 | CO-110 | C | DWG | 0001 | 05 | T | 0A | |

| NO. | DESCRIPTION | BY | CHK'D | APP'D | DATE |
|---|---|---|---|---|---|
| 0A | ISSUED FOR TENDER | AS | MC | JZ | 2019.07.26 |

REVISIONS / ISSUE AUTHORIZATION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EPCM CONSULTANT: TNPA

| TITLE | NAME | SIGNATURE | DATE |
|---|---|---|---|
| LEAD DES. ENG. | | | |
| ENG. COORD. | | | |
| ENG. MANAGER | | | |
| AREA MANAGER | | | |
| PROJECT MGR. | | | |
| DIVISION | | | |
| DIV. TITLE | NAME | SIGNATURE | DATE |

ORIGINATOR: ZAA

| TITLE | NAME | SIGNATURE | DATE |
|---|---|---|---|
| DRAWN | AS | | 19 07 26 |
| CHECKED | MC/WvW | | 19 07 26 |
| ENG. COORD. | | | |
| DISCIP. ENG. | | | |
| ENG. MANAGER | | | |
| AREA MANAGER | | | |
| PR.ENG. / PR.TECH. | | | |
| NAME | J. ZIETSMAN | | DATE |
| SIGNATURE | | | 19 07 26 |
| REG. NUMBER | 760293 | | |
| SCALE : | AS INDICATED | | A1 |


Transnet National Ports Authority
237 MAHATMA GANDHI ROAD
DURBAN
P.O. BOX 31683, DURBAN
TEL: 031 361 8852


# PORT OF DURBAN

## DCT BERTHS 203 to 205 RECONSTRUCTION DEEPENING AND LENGTHENING

## EXISTING QUAY FURNITURE ACCESS HOLES INTO BUSBAR TUNNEL DETAILS

| PROJECT NUMBER | DV | FBS | DIS | TYPE | DRG. NO. | SHT. | REV. | ID |
|---|---|---|---|---|---|---|---|---|
| 2122830 | 1 | 110 | C | GA | 1000 | 05 | 0A | AS |