Te Kẩhui
Whaihanga
New Zealand Institute of Architects

## PRODUCER STATEMENT - PSI - DESIGN

ISSUED BY: CSEng.nz Ltd.
(Design Firm)
TO: Moddex New Zealand
(Owner/Developer)
TO BE SUPPLIED TO: Applicable Territorial Authority
(Building Consent Authority)
IN RESPECT OF: Moddex Barrier System: Conectabal - Occupancy Class A/B/E \& C3
(Description of Building Work)
AT: Various Locations across New Zealand
(Address)
Town/City
LOT
DP
SO
(Address)

We have been engaged by the owner/developer referred to above to provide:
Engineering design.
(Extent of Engagement
services in respect of the requirements of Clauses)......
.of the Building Code for:All or $\square$ Part only (as specified in the attachment to this statement), of the proposed building work.
The design carried out by us has been prepared in accordance with:Compliance Documents issued by the Ministry of Business, Innovation \& Employment
B1/VM1
..or (verification method/acceptable solution)Alternative solution as per the attached schedule
The proposed building work covered by this producer statement is described on the drawings titled:
See schedule attached* and numbered
together with the specification, and other documents set out in the schedule attached to this statement.
On behalf of the Design Firm, and subject to:
(i) Site verification of the following design assumptions ..........................................
(ii) All proprietary products meeting their performance specification requirements;

I believe on reasonable grounds that a) the building, if constructed in accordance with the drawings, specifications, and other documents provided or listed in the attached schedule, will comply with the relevant provisions of the Building Code and that b), the persons who have undertaken the design have the necessary competency to do so. I also recommend the following level of construction monitoring/observation:
$\square$ CM $\square$ CM $\square$ CM $\square$ CM $\square$ CM 5 (Engineering Categories) or $\square$ as per agreement with owner/developer (Architectural)

(Name of Design Professional)
I am a member of: $\square$ Engineering New Zealand $\square$ NZIA and hold the following qualifications:...................................... The Design Firm issuing this statement holds a current policy of Professional Indemnity Insurance no less than \$200,000*. The Design Firm is a member of ACENZ:
$\qquad$
SIGNED BY..........................
(Signature)

(Name of Design Professional)

## ON BEHALF OF CSEng.nz Ltd.

[^0]
## SCHEDULE

## *From page 1:

On behalf of the design firm and subject to site verification of the following design assumptions:

1. The substrate, to which the barrier is fixed, as designed by others, is able to resist the applied loads.
2. The installation of the barrier is in accordance with the limits and specifications as set out on the drawing.

DRAWINGS

| Drawing Number | Sheet | Revision | Date | Description |
| :--- | :---: | :---: | :---: | :--- |
| 160430-100-S002_1 | 1 | 3 | $27 / 05 / 2019$ | Conectabal: Barrier Details and Specification |
| 160430-100-S002_2 | 2 | 4 | $06 / 07 / 2020$ | Conectabal: Barrier Details and Specification |
| 200623-100-S002_3 | 3 | 0 | $27 / 08 / 2020$ | Conectabal: Barrier Details and Specification |
| 200623-100-S003_1 | 1 | 0 | $12 / 08 / 2020$ | Conectabal: Barrier Details and Specification |
| 200623-100-S003_2 | 2 | 0 | $12 / 08 / 2020$ | Conectabal: Barrier Details and Specification |

## DOCUMENTS

## Document Number <br> Revision <br> Date <br> Description

## ALTERNATIVE SOLUTIONS

| NZ Building Code | Document | Date | Description |
| :--- | :--- | :--- | :--- |
| Compliance Clause | Number |  |  |

GENERAL

1. THESE SPECIFICATIONS SHALL TARE PRECEDENCE UNLESS OTHERWISE ADVISED BY THE DESIGN ENGINEER
2. COMPLY WITH CONTRACTORS HSE PLAN.
3. COMPLY WITH CONTRACTORS HSE PLAN. MAINTAN SAFE SITE AND WORK PRACTICES AT ALL TMES.
4. ALL WORK AND MATERALIS SHALL COMPLY YTHTH THE BUILIING ACT \& REGULATIONS.
5. THE BULDING DESIGGER R REESPONSIBLE FOR ENSURING THE NECESSARY SUPPORTING STRUCTURE IS 5. THE SUPPORTING STRUCTURE SHALL BE DESIGNED FOR THE MIIMUM DESIIGN LOADS SPECIFIED IN THE
BASIS OF DESIGN. 6. THE SUPPORTING STRUCTURE SHALL BE DESIINED TO ACCOMMODATE THE SPEGIFIED BARRIIRR ANCHORS. 7. OBTAN BULIDIGG CONSEET A A REQURIRED, ALLL FOR ALL SCHEDULED INSPECTIONS AND FINAL INSPECTION

REFER ENGINEERIN DIMENSION NIN FOR DETALS.
6. ALLCOMPONENTS OF THE MODEX BARRIER SYSTEM INCLUDING FXINGS AND
ANCHORS SHAL BE SUPLIED BY MODDEX NZ.
BASIS OF DESIGN
7. DESIGN LIFE



| тем no. | materal | grade |
| :---: | :---: | :---: |
| 1 | CASt base flange | malleable cast iron |
| 2 | CAST BASE SOCKET | malleable Cast iron |
| 3 | CAST Connector | malleable cast iron |
| 4 | $48.30 \mathrm{O} \times 4.0$ Galvanized chs | 250 |
| 5 | $48.30 \mathrm{O} \times 3.2$ Galvanized chs | 250 |
| 6 | 12 DIA . ROUND BAR | 300 |

ALL PIPE TO CONFORM TO :AS 1074
2. GALVANZING TO: ASIZSS 4680 : 2006
3. REERR
DETALS. MODDEX BARRIER SYSTEM :
3. REFERTO MODDEX BARRIER SYSTEM : UUFFRALL FOR FURTHER PRODUCT SPECIFICATION
DETALS.
BARRIER CONFIGURATION OPTIONS

1. TOP RAL \& BOTTOM RALL.
2. TOP RALL, BOTTOM RAL\& TOE-BOARD.

| $\varepsilon$ | 1 200S | 001 | 0¢t091 |
| :---: | :---: | :---: | :---: |
|  | n | so!as | əquin |


| 160430 | 100 |
| :--- | :--- |


|  |  |  |  |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
| 7ขอ\|] |  |  |  |
|  | $\begin{array}{\|c\|c} \hline \\ \hline \end{array}$ |  |  |
|  | $8: 8$ | \% | - |
|  |  |  | \% |
|  | $\sim \sim$ | - | - |


$\underbrace{}_{\substack{\text { REFER DWG } \\ \text { BASEPLATE } \\ \text { SIXING } \\ \text { 2 FOR } \\ \text { DETALL }}}$
$\boldsymbol{\forall N O I L O E S} \because$




$\bigodot$ ALT. FACE MOUNT FIXING


| $\|$$\|l\|$      <br> Drawn: SDTe:     AS SHOWN <br> File nome:      <br> Job Number      Series |
| :--- |
| 200623 |


| Sheet Title |
| :--- |
|  |
| BARRIER DETAILS AND |
| SPECIFICATION |


| moddex | 䓂 | CSEng.nz <br> info@cseng.nz | 蒿 | MODDEX BARRIER <br> SYSTEM: CONECTABAL |
| :---: | :---: | :---: | :---: | :---: |


[^0]:    Note: This statement shall only be relied upon by the Building Consent Authority named above. Liability under this statement accrues to the Design Firm only. The total maximum amount of damages payable arising from this statement and all other statements provided to the Building Consent Authority in relation to this building work, whether in contract, tort or otherwise (including negligence), is limited to the sum of $\$ 200,000 *$

    This form is to accompany Form 2 of the Building (Forms) Regulations 2004 for the application of a Building Consent. THIS FORM AND ITS CONDITIONS ARE COPYRIGHT TO ACENZ, ENGINEERING NEW ZEALAND AND NZIA

