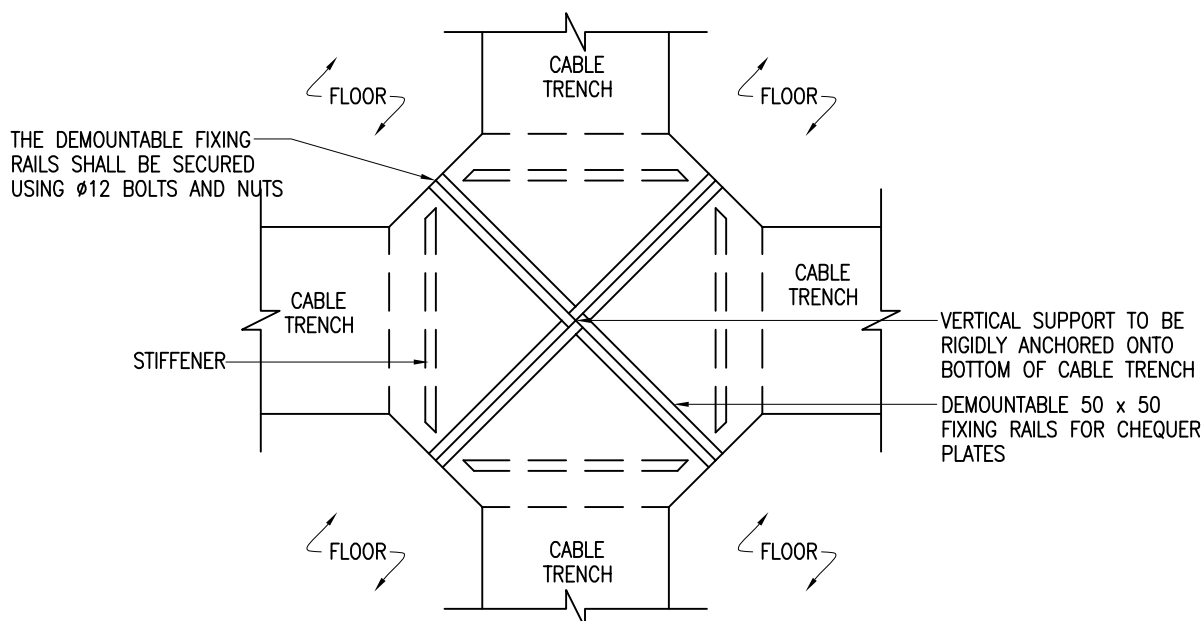


**TYPICAL CROSS SECTION OF CABLE TRENCH**



**TYPICAL ARRANGEMENT FOR VERTICAL SUPPORT**

D	GENERAL REVISION	S.K. YEUNG	12/1/15
C	RE-FORMATTED TO CSWP	W.K. CHIU	18/7/03
B	GENERAL REVISION	W.K. CHIU	6/12/01
A	A NEW SHEET ADDED	K.W. CHAN	2/11/96
REF.	REVISION	APPROVED	DATE

TYPICAL CABLE TRENCH  
(HEC REQUIREMENTS)



水務署  
Water Supplies Department

APPROVED

G.C. LEE  
AD/NW

DATE

9/6/92

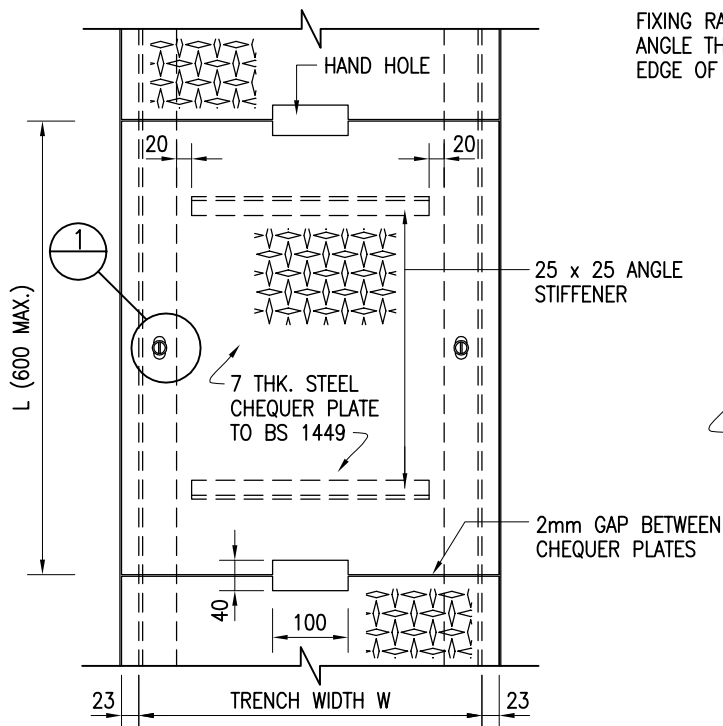
SCALE

N.T.S.

DRAWING NO.

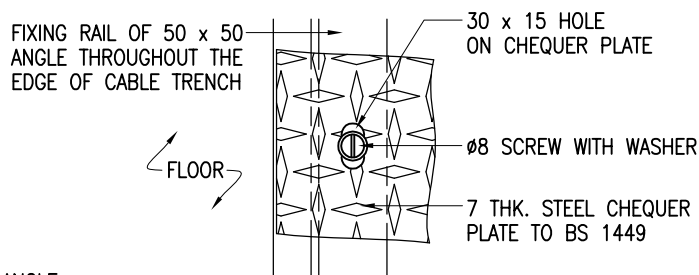
WSD 2.19D  
(SHEET 1 OF 2)

CSWP



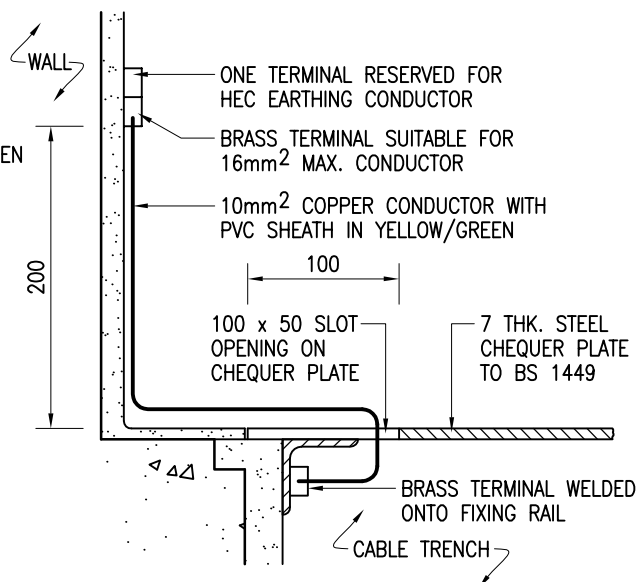
**DETAILS OF CHEQUER PLATE**

SCALE 1 : 10



**DETAIL '1'**

SCALE 1 : 5



**DETAILS OF CHEQUER PLATE  
EARTHING POINT**

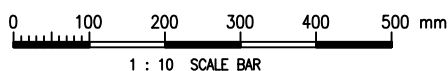
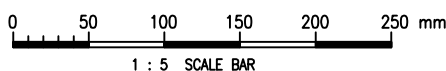
SCALE 1 : 5

**NOTES :**

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. WEIGHT OF EACH PIECE OF CHEQUER PLATE SHALL NOT EXCEED 25kg.
3. THE CHEQUER PLATES, FIXING RAILS, STIFFENERS, VERTICAL SUPPORTS, BOLTS, NUTS, SCREWS AND WASHERS SHALL BE OF HOT DIP GALVANIZED STEEL TO BS EN ISO 1461.
4. STIFFENERS SHALL BE PROVIDED IF MEASUREMENT BETWEEN 2 OPPOSITE FIXING RAILS EXCEEDS 600mm.

L	DETAILS OF STIFFENER
$L \leq 300$	1 NO. AT CENTRE
$300 < L \leq 600$	2 NOS. AT SEPARATION OF $70\% \times L$

5. THE CHEQUER PLATES SHALL BE CUT TO SIZE AND SHAPE, AND FITTED IN POSITION FOR THE TRENCH AS INDICATED IN THE LAYOUT DRAWING OF THE TRANSFORMER ROOM. VERTICAL SUPPORTS SHALL BE PROVIDED FOR THE CHEQUER PLATES AND THE POSITIONS OF VERTICAL SUPPORTS SHALL BE SO SELECTED THAT THE SIDE LENGTH OF EACH PIECE OF CHEQUER PLATE WILL NOT EXCEED 800mm.
6. THE CHEQUER PLATES SHALL BE NUMBERED IN SEQUENTIAL ORDER BY PAINTING NUMBERS OF 50mm HIGH IN WHITE COLOUR ON BOTH SURFACES OF EACH CHEQUER PLATE SO AS TO FACILITATE REINSTATEMENT OF CHEQUER PLATES AFTER CABLES INSTALLED. A SKETCH IN PERMANENT MANNER SHOWING THE LAYOUT AND NUMBERING OF CHEQUER PLATES SHALL BE POSTED ON THE WALL OF THE TRANSFORMER ROOM FOR REFERENCE AS DIRECTED BY THE ENGINEER.
7. THE FIXING RAILS SHALL BE CONSTRUCTED WITH EARTHING CONTINUITY. AT LEAST TWO EARTHING POINTS FOR CHEQUER PLATES SHALL BE PROVIDED IN EACH TRANSFORMER ROOM. PLEASE REFER TO THE LAYOUT DRAWING OF THE TRANSFORMER ROOM FOR THE EXACT POSITIONS OF EARTHING POINTS FOR CHEQUER PLATES.



**TYPICAL CABLE TRENCH  
(HEC REQUIREMENTS)**



**水務署  
Water Supplies Department**

APPROVED

G.C. LEE  
AD/NW

DATE

9/6/92

SCALE

1 : 10 OR AS SHOWN

DRAWING NO.

WSD 2.19D

(SHEET 2 OF 2)

CSWP