

SHORING DETAIL PLAN VIEW  
SCALE 1:20

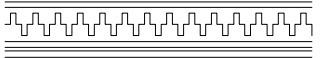
## FOUNDATION PROTECTION METHOD

SCALE 1:20

### METHOD OF PROTECTING ADJACENT STRUCTURES DURING EXCAVATION FOR FOUNDATION

WHERE ADJACENT BUILDING IS LESS THAN 3 STORIES HIGH OR WHERE ADJACENT FOUNDATION IS BELOW THE DEPTH OF THE PROPOSED FOUNDATION

- 1- BEFORE THE LEVEL OF EXCAVATION REACHES THE BOTTOM OF THE ADJACENT FOUNDATION, PLACE THE STEEL PLATE AGAINST THE ADJACENT PROPERTY' AND
- 2- DRIVE THE UPRIGHT G.I PIPES (WITH THE UPVC SLEEVES) INTO THE GROUND.
- 3- DRIVE THE STEEL PLATES 400-500 mm INTO THE GROUND
- 4- EXCAVATE ANOTHER 300mm DEEPER.
- 5- DRIVE THE STEEL PLATE ANOTHER 300mm DEEPER.
- 6- FOLLOW THIS PROCEDURE UNTIL THE REQUIRED DEPTH (AS SHOWN IN THE DIAGRAM) IS REACHED.
- 7- PROP THE G.I PIPES USING WALING AND RAKING SHORES AS SHOWN IN THE DIAGRAM.
- 8- POUR THE FOUNDATION.
- 9- AFTER 3 DAYS REMOVE THE UPRIGHT G.I PIPES AND PLACE THE WALING AGAINST THE STEEL SHEET, USING RAKING SHORES AS BEFORE.
- 10- GROUT THE SPACE INSIDE UPVC PIPES.
- 10- WHILE BACKFILLING, REMOVE STEEL SHEETS AND RAKING SHORES.



PROJECT TITLE:

L . FONADHOO POLICE STATION

APPROVED

DESIGN APPROVED BY:

RECOMMENDATION APPROVED

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SHEET NO.	DATE: 19 AUG 2021

S-14