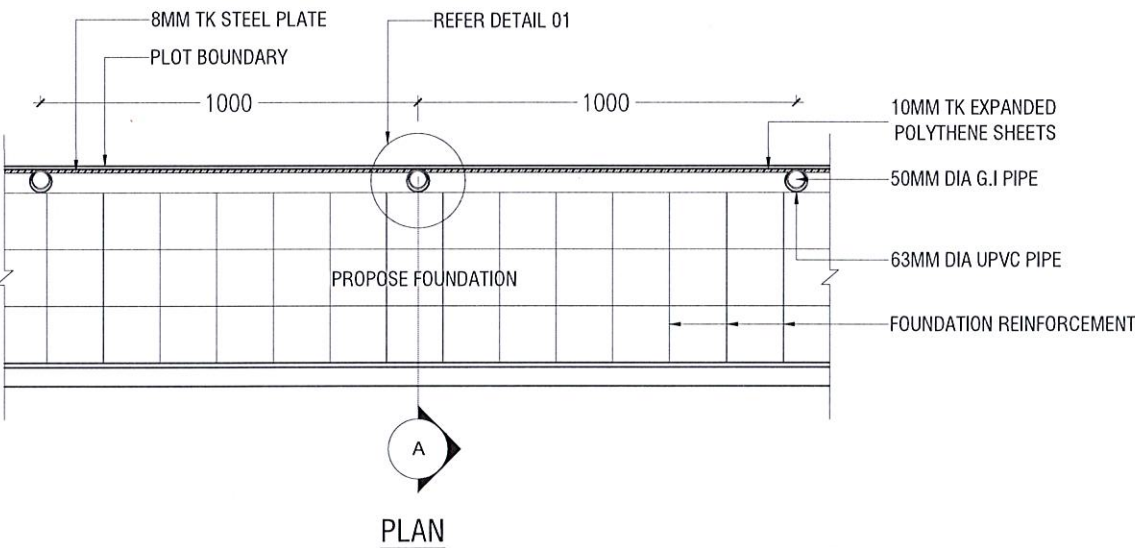


METHOD OF PROTECTING ADJACENT STRUCTURES DURING EXCAVATION FOR FOUNDATION

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

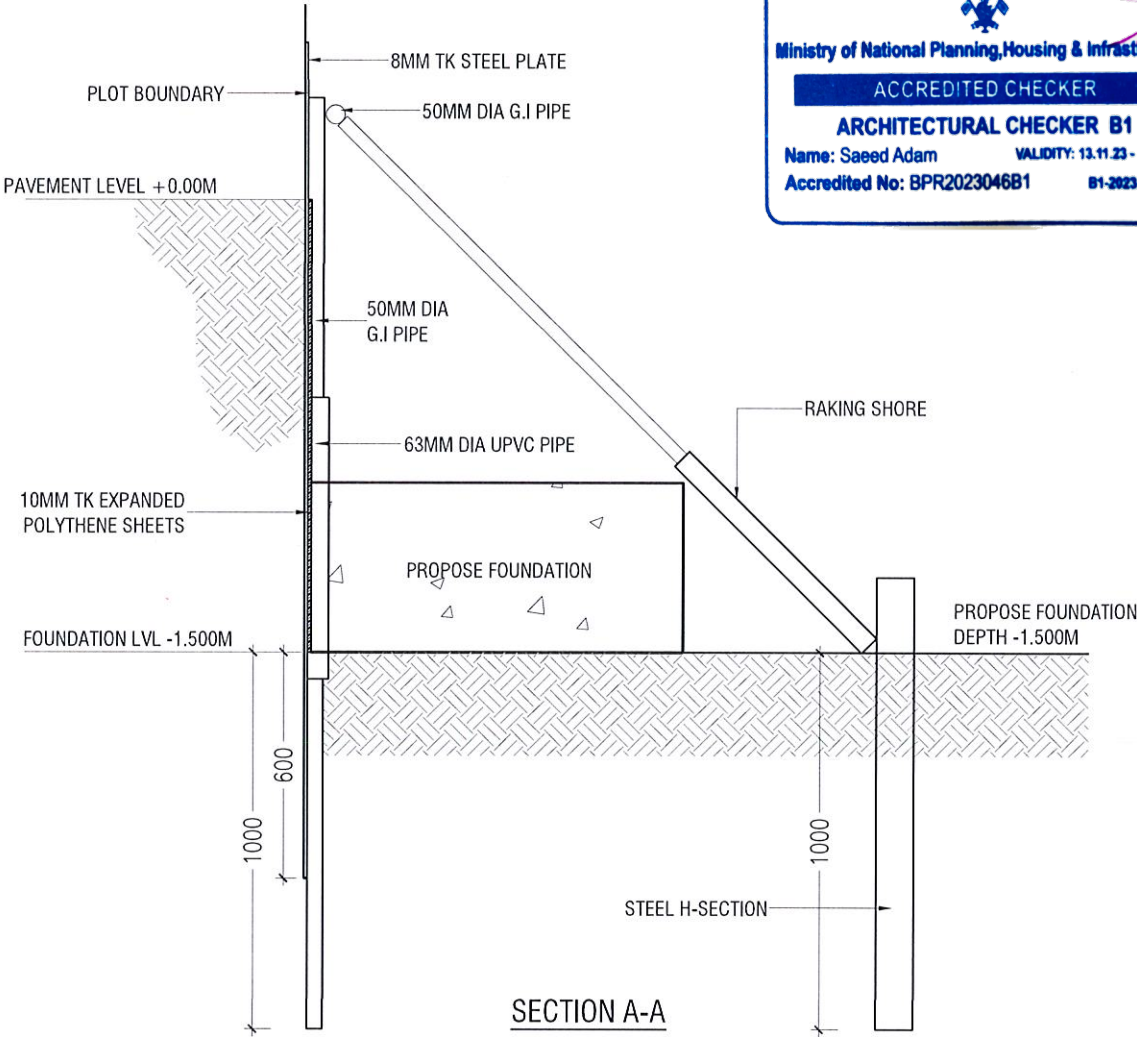
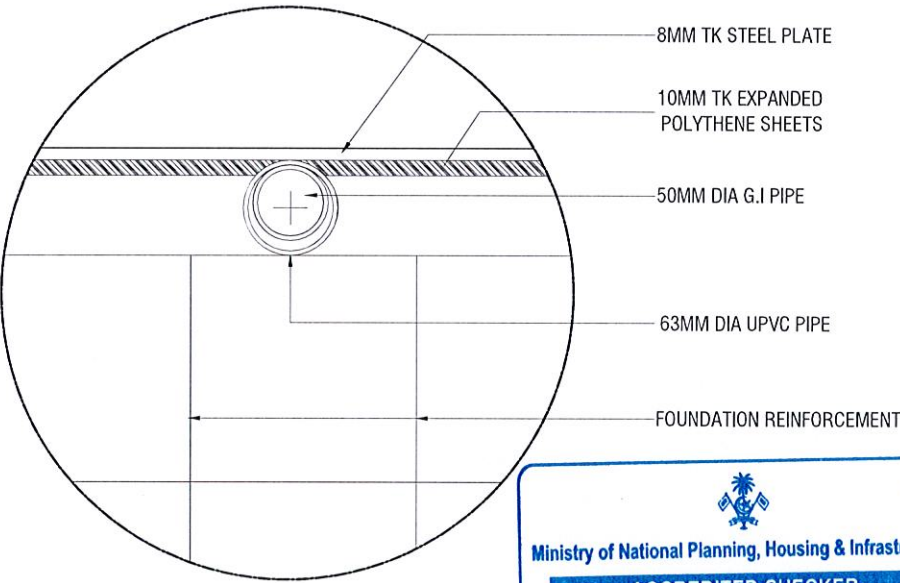
NOTE
STEEL PLATES MAY REQUIRE STIFFENING WITH WELDED ANGLES IN BOTH DIRECTIONS. EXCAVATION & SHORE PROTECTION MUST PROCEED IN PORTIONS, DECIDED BASED ON SITE CONDITIONS FOR MAXIMUM SAFETY & PROTECTION.

FOUNDATION PROTECTION METHOD



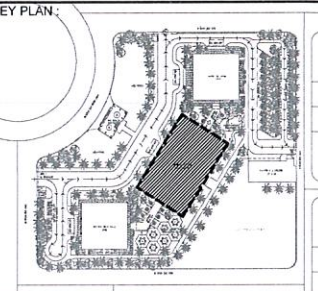
FOUNDATION PROTECTION
[CITY COUNCIL BUILDING - GDH. THINADHOO]
SCALE 1:20

Zimam Hassan Yousuf
DPR 2022 162 LE



Ministry of National Planning, Housing & Infrastructure
ACCREDITED CHECKER
STRUCTURAL CHECKER A1
Name: Mohamed Muththalib Waleed VALIDITY: 23.09.23 - 11.09.25
Accredited No: BPR2023042A1 A1-2023-042-001

THINADHOO CITY COUNCIL



NOTES:

- THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION UNLESS CERTIFIED.
- CONTRACTOR TO VERIFY ALL DIMENSIONS OF EXISTING SITE BEFORE COMMENCING ANY WORK OR PREPARING SHOP DRAWINGS.
- DO NOT SCALE DRAWINGS, USE WRITTEN DIMENSIONS ONLY.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATIONS AND CONDITIONS OF CONTRACT.
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NO.	REVISION	DATE

PROJECT:
THINADHOO
CITY COUNCIL
MCH BUILDING

DISCIPLINE:
☐ ARCHITECTURAL DESIGN
☒ STRUCTURAL DESIGN
☐ INTERIOR DESIGN
☐ SERVICES DESIGN

PHASE:
☐ CONCEPTUAL DESIGN
☐ DESIGN DEVELOPMENT
☐ BUILDING APPROVAL
☒ CONSTRUCTION DOCUMENTATION
☐ AS-BUILT DRAWINGS

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ENGINEER	ZIMAAM HASSAN YOUSUF
ARCH. CHECKER	SAEED ADAM
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CONTENTS:
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