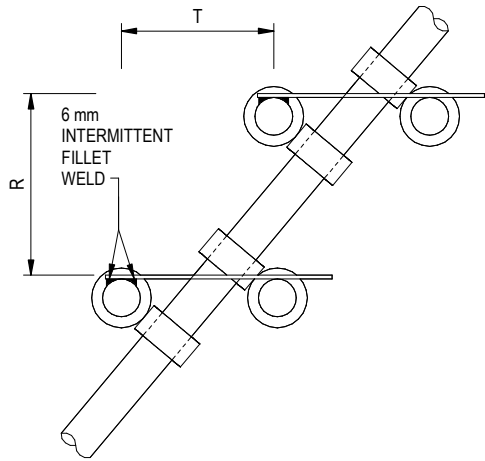


700



T x R = 50 000 APPROX.
 R = 370 FOR 70° SLOPE
 R = 300 FOR 60° SLOPE
 R = 240 FOR 50° SLOPE
 R = 200 FOR 40° SLOPE
 R = 170 FOR 30° SLOPE

SECTION X - X

SCALE 1:10

危險-不得擅用

DANGER NO UNAUTHORISED USE

Date Inspected :
Next Inspection Date :

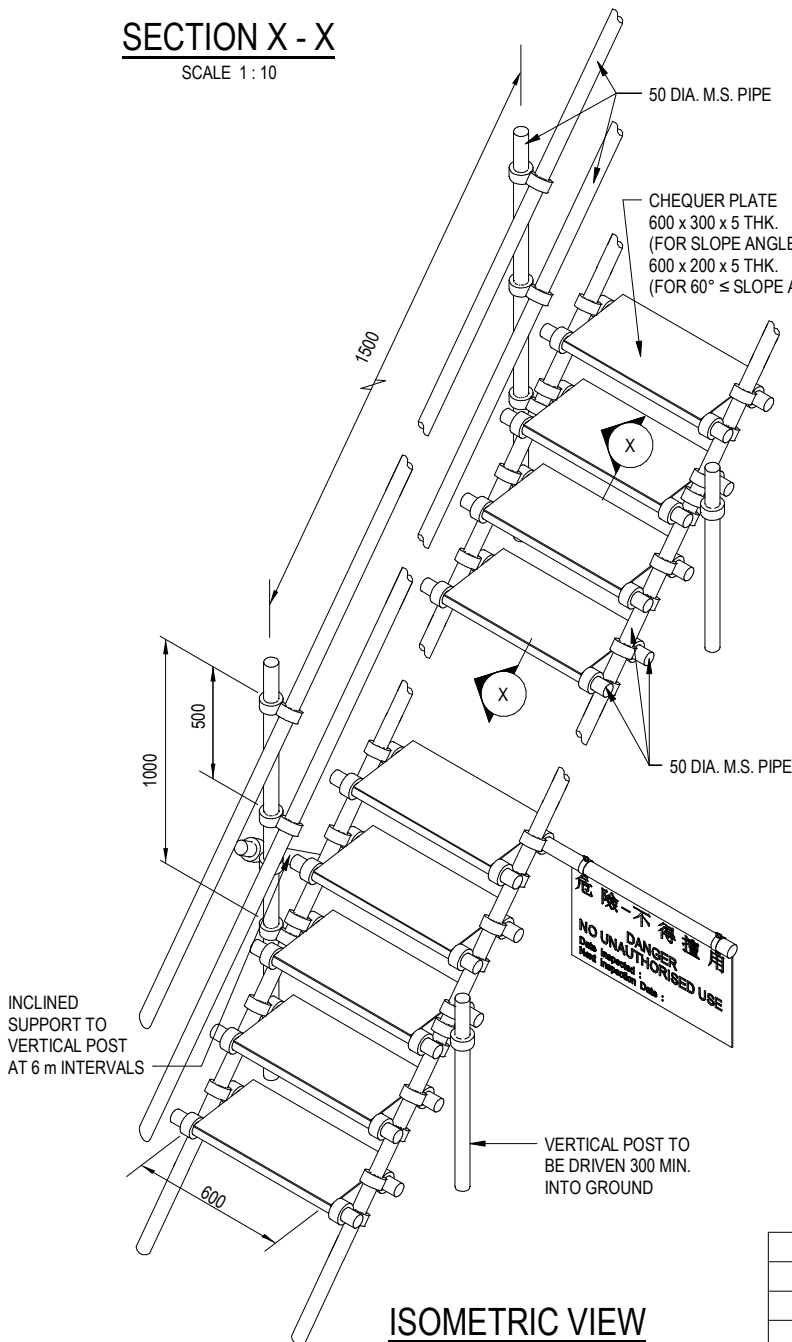
WARNING SIGN

(RED CHARACTERS ON WHITE BACKGROUND)

SCALE 1:10

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES.
- ALL WELDS SHALL BE CHIPPED AND GROUND SMOOTH AND BRUSHED TO REMOVE SLAG.
- ALL MILD STEEL PIPES SHALL BE GALVANIZED, 50 mm DIA. WITH WALL THICKNESS ≥ 4 mm, YIELD STRESS ≥ 235 N/mm² AND COMPLY WITH BS1139.
- ALL CLAMPS SHALL BE SWIVEL CLAMPS. ALL LAPPING PIPES SHALL BE CONNECTED RIGIDLY BY AT LEAST TWO SWIVEL CLAMPS OR OTHER APPROPRIATE COUPLERS.
- ALL EXPOSED SHARP ENDS OF STEEL HANDRAIL PIPES SHALL BE PROPERLY PROTECTED AND ALL SHARP CORNERS OF CHEQUER PLATES SHALL BE ROUNDED TO AVOID CAUSING INJURY.
- THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS AS STIPULATED IN PART V A OF THE CONSTRUCTION SITES (SAFETY) REGULATIONS TO ENSURE THAT THE LADDER IS SAFE FOR USE.
- WHEN THE LADDER IS ERECTED IMMEDIATELY ADJACENT TO A ROAD OR PATHWAY, UNLESS OTHERWISE AGREED BY THE ENGINEER OR HIS REPRESENTATIVE, OVERLAY OR SCREEN NETS SHALL BE ERECTED TO ENVELOP THE LADDER FOR THE PROTECTION OF PERSON OR VEHICULAR TRAFFIC AGAINST FALLING OBJECTS.
- ELECTRICAL INSTALLATION ON THE METAL LADDER SHALL BE AVOIDED. OTHERWISE, THE INSTALLATION, IF NECESSARY SHALL BE PROPERLY INSTALLED SO AS TO PREVENT ELECTRIC SHOCK.
- FOR LADDER GRADIENT STEEPER THAN 75°, THE HANDRAIL AND STEPPING CHEQUER PLATES (PLUS THE BACK SUPPORTING HORIZONTAL M.S. PIPES) ARE NOT REQUIRED AND THE LADDER SHOULD PROJECT AT LEAST 1 m ABOVE THE TOP LANDING PLATFORM TO FACILITATE HAND-GRASPING.
- IF A PERSON IS LIABLE TO FALL OVER 2 m, GUARD RAILS SHALL BE PROVIDED TO THE SIDE(S) WHERE FALLING OVER 2 m MIGHT OCCUR.



ISOMETRIC VIEW

SCALE 1:25

E	BIM OBJECT REVISION.	Original Signed	12.2025
D	NOTE 6 AMENDED.	Original Signed	04.2016
C	NAME OF DEPARTMENT AMENDED.	Original Signed	01.2005
B	GENERAL REVISION.	Original Signed	03.2004
A	SUPERSEDES SPECIAL WOODEN LADDER.	Original Signed	09.1998
REF.	REVISION	SIGNATURE	DATE

TEMPORARY STEEL LADDER FOR SLOPE ACCESS



CIVIL ENGINEERING AND
DEVELOPMENT DEPARTMENT

SCALE AS SHOWN

DRAWING NO.

DATE APRIL 1998

C2504E