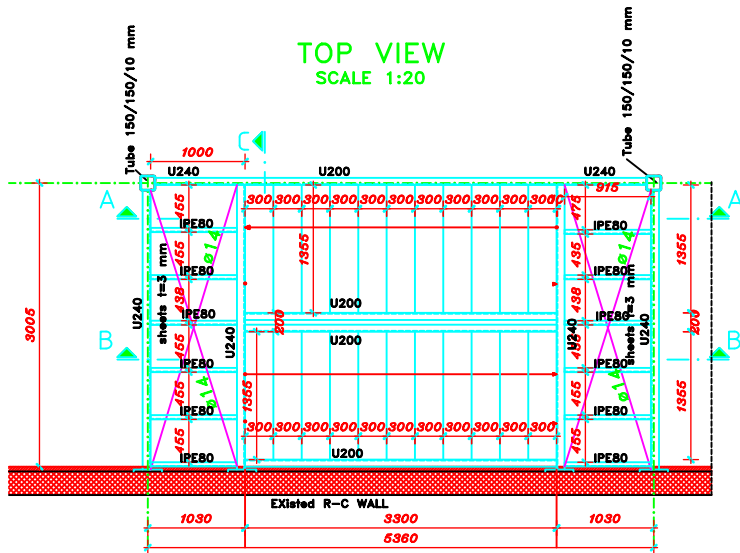
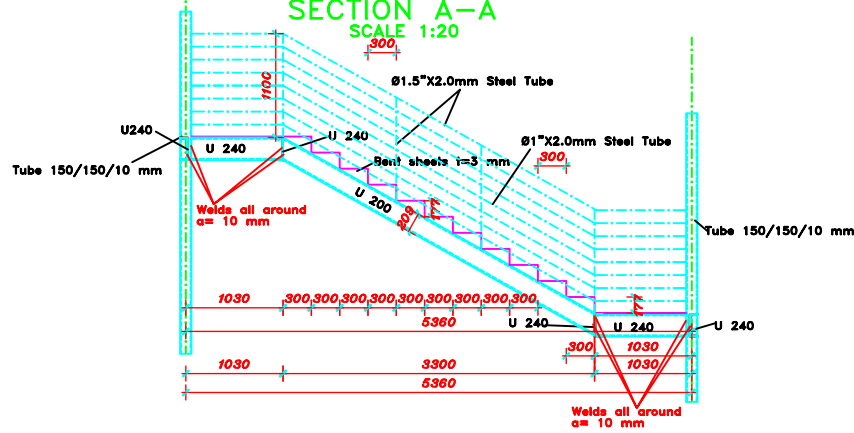


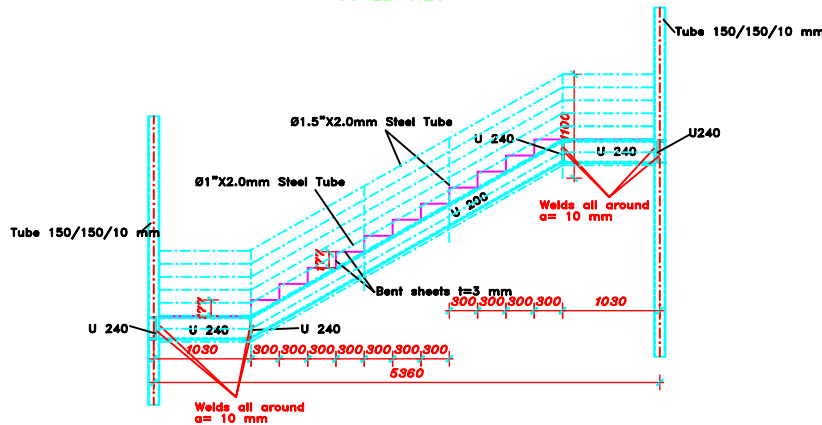
TOP VIEW
SCALE 1:20



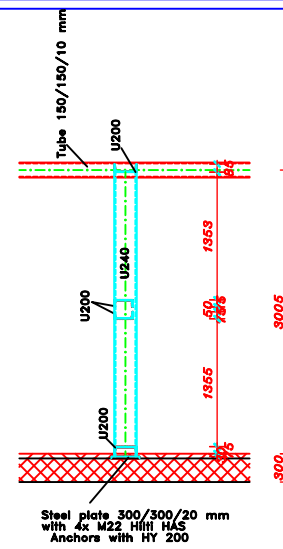
SECTION A-A
SCALE 1:20



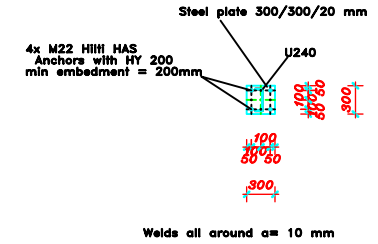
SECTION B-B
SCALE 1:20



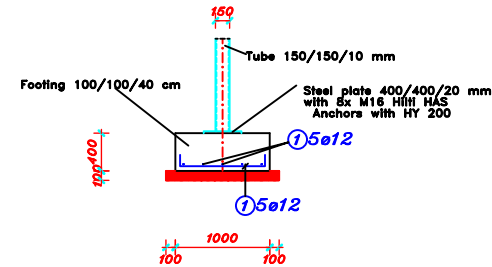
SECTION C-C
SCALE 1:20



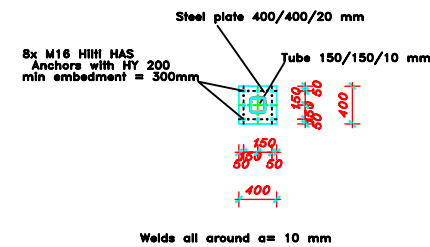
Detail Steel plate (WALL)
SCALE 1:20



Detail of isolated footing
SCALE 1:20



Detail Steel plate (FOOTING)
SCALE 1:20



PROJECT : CONSTRUCTION OF EMERGENCY STAIR
PALESTINE POLYTECHNIC UNIVERSITY
KOREAN BUILDING
HEBRON - PALESTINE

Design code : EC3
Earthquake : ASCE 7-10
COLATERAL LOAD : No.
SNOW LOAD : $q_s = 1,5 \text{ kN/m}^2$
LIVE LOAD $q_l = 5,0 \text{ kN/m}^2$
SOIL : SOFT HARD ROCK
CONSTRUCTION COMPANY : UNKNOWN
Wind load : according EC1 part 4
Painting: Epoxy base tambour and finish Tambour
Profile Steel : Sh. 37 or S 235 JR , Black.
Yield strength $f_y = 235 \text{ N/mm}^2$
Welds : fillet welds with $F_{uw} = 400 \text{ MPa}$ (ZIK)
Steel bolts : M8.8 equivalent to A325 galvanized
Steel bolts , Nut and lock washers (galvanized)
Concrete Anchors HIH HIT-VR- Stainless steel

PROJECT: CONSTRUCTION OF EMERGENCY STAIR
KOREAN BUILDING - PALESTINE POLYTECHNIC UNI.
HEBRON - PALESTINE

OWNER: PALESTINE POLYTECHNIC UNIVERSITY	MEMBER: TOP VIEW & SECTIONS OF STEEL EMERGENCY STAIR	SCALE: 1:20
DESIGNED BY: MAHER AMRO	DRAWN BY: MAHER AMRO	Plan No. S01
DATE 14.09.2026		

