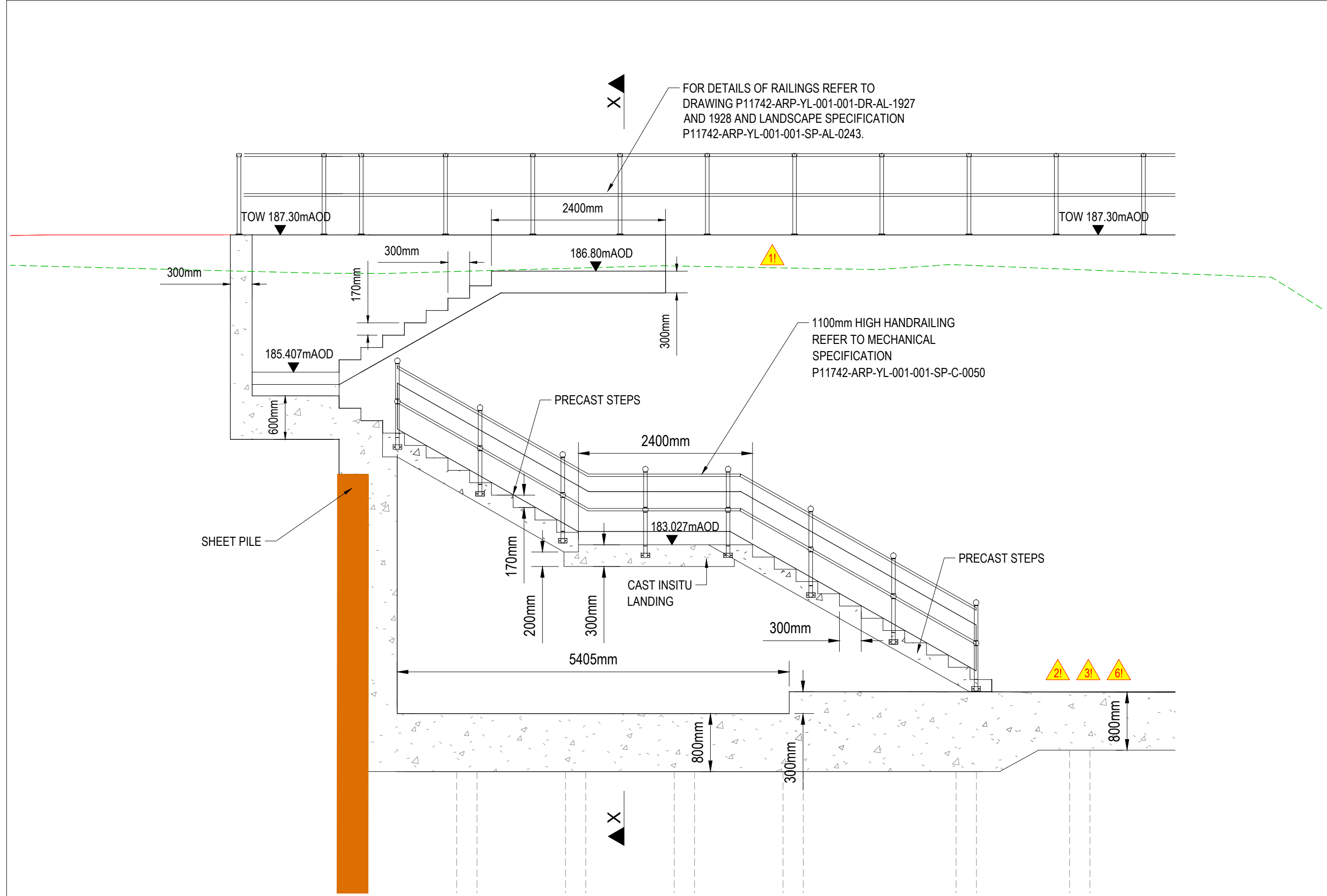
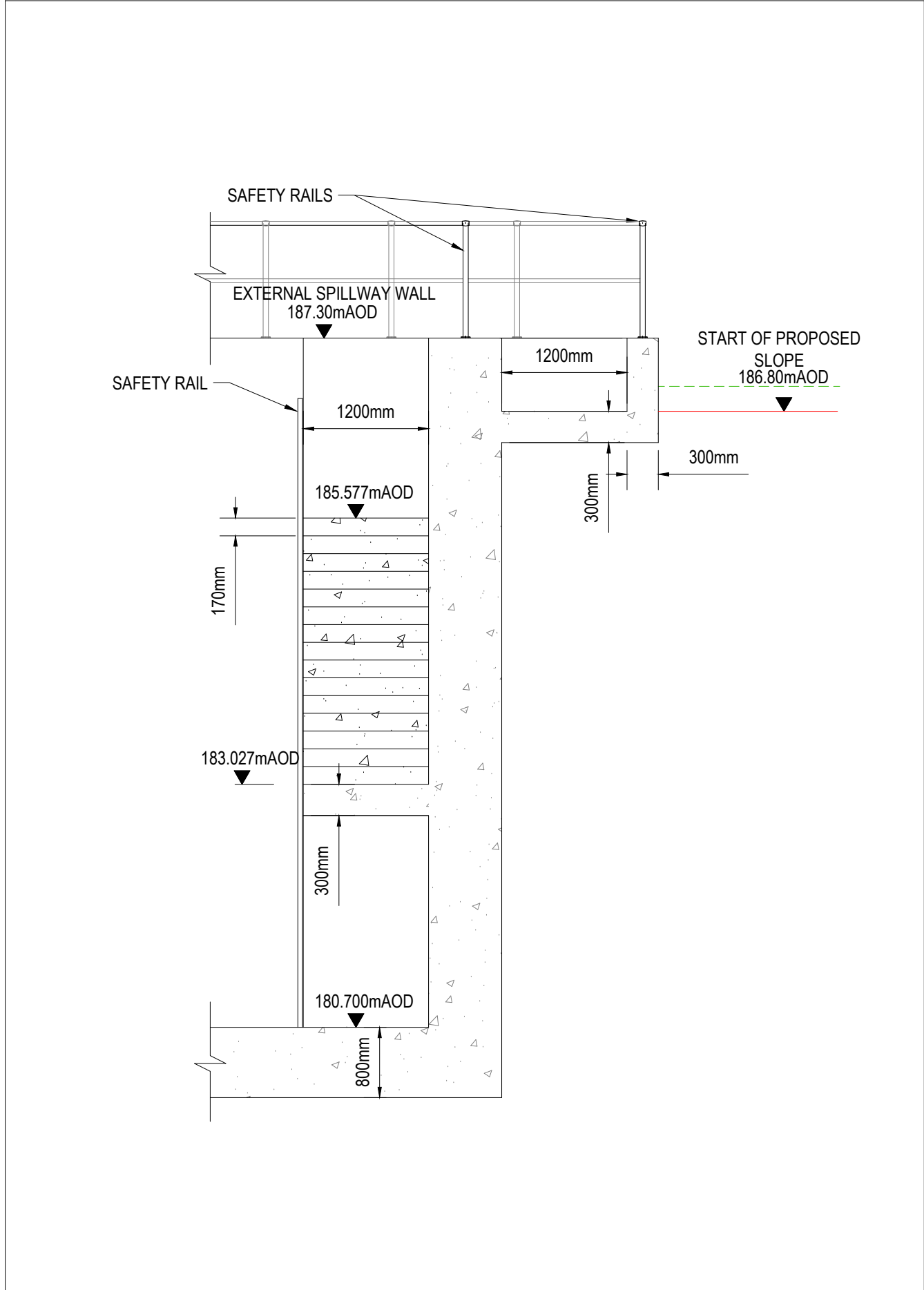


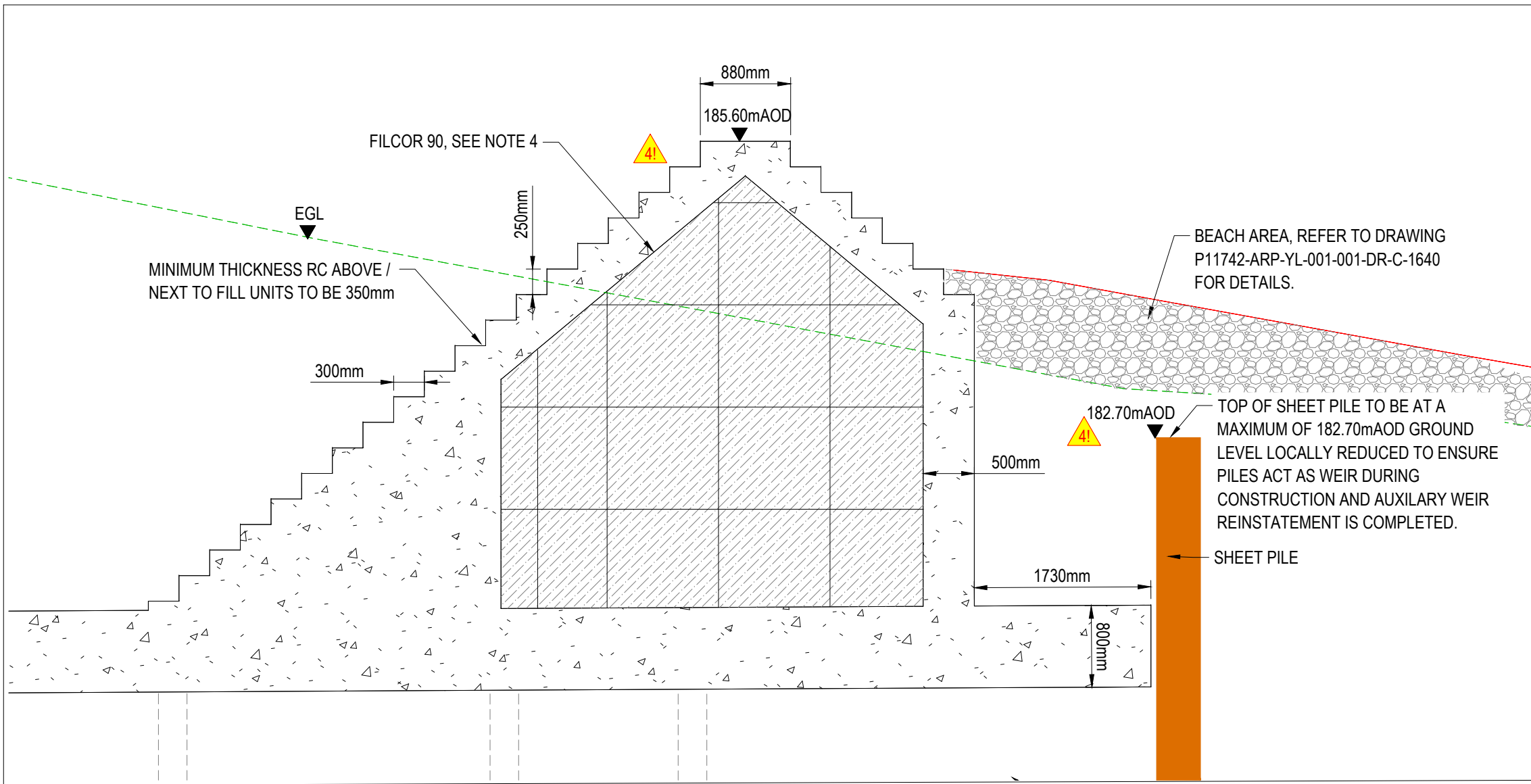
STEPS PLAN
SCALE 1:50



STEPS ELEVATION
SCALE 1:50

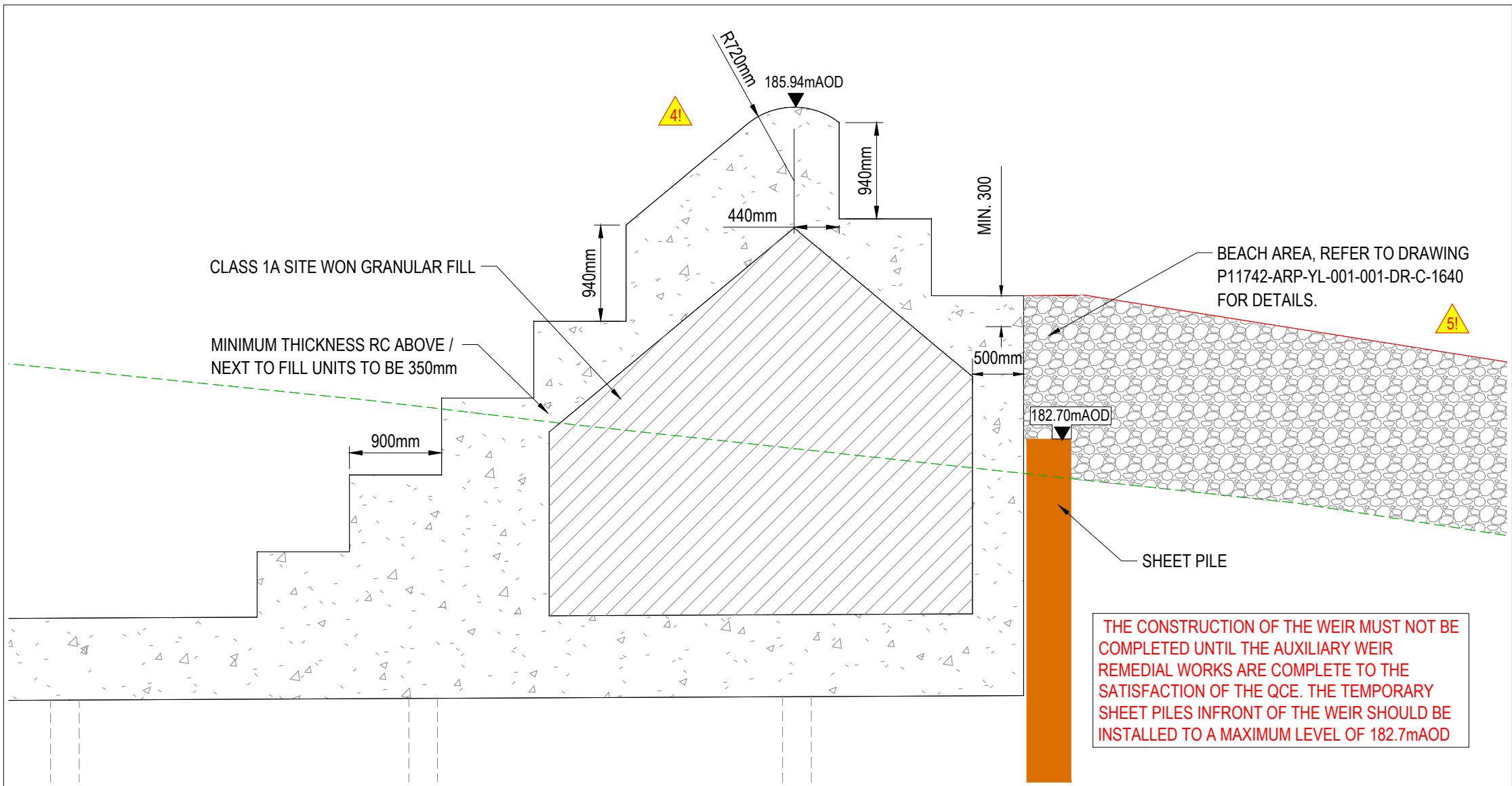


STEPS SECTION X-X
SCALE 1:50



CROSS SECTION A-A THROUGH WEIR
BETWEEN MOVEMENT JOINTS 1 AND 2
SCALE 1:50

THE CONSTRUCTION OF THE WEIR MUST NOT BE COMPLETED UNTIL THE AUXILIARY WEIR REMEDIAL WORKS ARE COMPLETE TO THE SATISFACTION OF THE QCE. THE TEMPORARY SHEET PILES INFRONT OF THE WEIR SHOULD BE INSTALLED TO A MAXIMUM LEVEL OF 182.7mAOD



CROSS SECTION B-B THROUGH WEIR
BETWEEN MOVEMENT JOINTS 3 AND 4
SCALE 1:50

0 500 1000 1500 2000 2500mm
SCALE 1:50 @ A1; 1:100 @ A3

GENERAL NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
- ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM (mAOD) UNLESS STATED OTHERWISE.
- FOR SECTIONS IN PLAN REFER TO DRAWING NO. P11742-ARP-YL-001-001-DR-C-1210
- FILCOR 90 OR EQUIVALENT ACCEPTED MATERIAL TO BE USED TO INFILL THE WEIR BETWEEN MOVEMENT JOINTS 1 AND 2. SITE WON GRANULAR FILL TO BE USED TO INFILL THE WEIR FROM MOVEMENT JOINT 2 ONWARDS.
- CONNECTION DETAILS BETWEEN PRECAST STEPS AND CAST INSITU LANDING TBC PENDING AGREEMENT WITH THE MANUFACTURER.
- ALL CONCRETE STEPS AND LANDING TO HAVE A BRUSHED FINISH.

LEGEND:

- EXISTING PROFILE
- PROPOSED GROUND PROFILE
- REINFORCED CONCRETE (IN-SITU)
- REINFORCED CONCRETE (PRE-CAST)
- PROPOSED FILCOR 90 FILL UNITS (OR EQUIVALENT APPROVED)
- SITE WON GRANULAR FILL
- PROPOSED BEACH RE-PROFILING FILL

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:

- CONSTRUCTION
- RISK OF FALL FROM HEIGHT DUE TO DEEP EXCAVATIONS.
 - RISK OF MINE GAS ENTERING EXCAVATION.
 - RISK OF EXCAVATION BELOW GROUND WATER LEVEL AND ANY RISKS ASSOCIATED WITH ANY DE-WATERING UNDERTAKEN BY CONTRACTOR.
 - MAINTENANCE/CLEANING/OPERATION
 - RISK OF FALL FROM HEIGHT DUE TO DEEP EXCAVATIONS.
 - RISK OF SLIPS, TRIPS AND FALLING FROM HEIGHT ON STEPS.
 - RISK OF EROSION OF BEACH MATERIAL EXPOSING SHEET PILES.
 - RISK OF INCREASING WATER LEVEL IN LOW FLOW CHANNEL AND TUMBLEBAY
 - DECOMMISSIONING/DEMOLITION
 - RISK OF FALL FROM HEIGHT DUE TO DEEP EXCAVATIONS.
 - RISK OF MINE GAS ENTERING EXCAVATION.
 - RISK OF EXCAVATION BELOW GROUND WATER LEVEL AND ANY RISKS ASSOCIATED WITH ANY DE-WATERING UNDERTAKEN BY CONTRACTOR.
 - RISK OF INCREASING WATER LEVEL IN LOW FLOW CHANNEL AND TUMBLEBAY
- REFER TO THE DESIGNER'S HAZARD RISK REGISTER FOR FURTHER DETAILS.
- IT IS ASSUMED THAT ALL THE WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WHO HAS CARRIED OUT A COMPREHENSIVE RISK ASSESSMENT.

C02	13/06/22	JAH	AP	DN
ISSUED FOR DETAILED DESIGN				
C01	27/05/22	JAH	AP	DN
ISSUED FOR DETAILED DESIGN				
Rev	Date	By	Chkd	Appd

ARUP

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Client



Project Title

TODDBROOK RESERVOIR

Drawing Title

PROPOSED WEIR & TUMBLE BAY
ACCESS STEP DETAILS

Scale at A1 AS SHOWN

Role CIVIL

Suitability A4 - AUTHORISED AND ACCEPTED

Arup Job No
277087-00

Name
P11742-ARP-YL-001-001-DR-C-1212