

PLAN VIEW OF PILE LOCATIONS FOR  
SCREW PILING  
1:50@A3

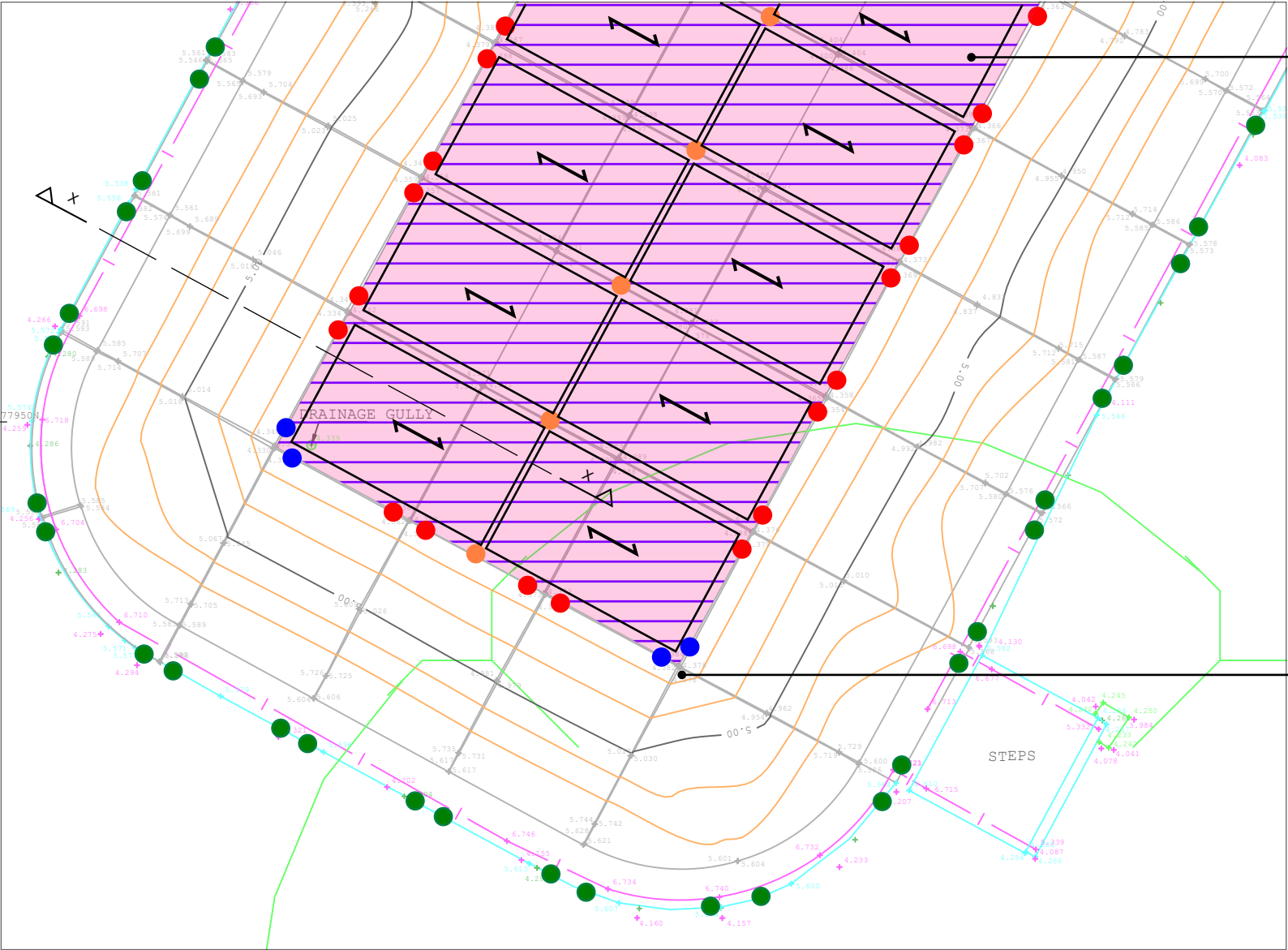
TYPICAL SCREW PILE ARRANGMENT FOR SUPPORT OF SKATEPARK IN PERMANENT CASE  
SHOWN ON EXCERPT ON MAIN BOWL. ARRANGEMENT TO BE REPEATED FOR THE REAMINDER OF THE PARK - SPECIALIST CONTRACTOR TO BRING FORWARD PROPOSALS FOR REDUCING PILE NUMBERS / SHARED SUPPORTS TO UNITS WHERE POSSIBLE.

LEGEND:

- External helical pile support. Detail 1  
SK502 / SK503  
**Reaction to pile:**  
28kN Dead  
20kN Live
- Internal helical pile support. Detail 2  
SK502 / SK503  
**Reaction to pile:**  
40kN Dead  
30kN Live
- Internal support piles installed to new  
flat-bottom sections once perimeter  
units have been levelled.  
**Reaction to pile:**  
40kN Dead  
30kN Live
- Internal support piles to share head with  
corner banked unit.  
**Reaction to pile:**  
40kN Dead  
30kN Live

PILING SPECIALSIT TO ALLOW FOR  
MOMENT TO HEAD OF PILES BASED  
ON ECCENTRICITY OF PROPOSED  
SUPPORTS

Existing flat-bottom slabs broken out to give  
access to piling. Once banked units are  
levelled, cast new in-situ slab is to be cast  
with central support line as shown



At internal corners of radiused banks. Support  
plate between adjacent piles to be oversized  
to level edge of internal corner

THIS DRAWING IS TO BE READ IN  
CONJUNCTION WITH DETAIL OPTIONS  
SK502 / SK503 FOR SPECIALIST  
CONTRACTOR TO BRING FORWARD  
PREFERRED OPTION FOR RE-LEVELLING

Notes:

- All items shown indicatively and subject to detailed input from specialist groundworks contractor
- This drawing is to be read in conjunction with the P&M Structural strategy document and topographical survey data