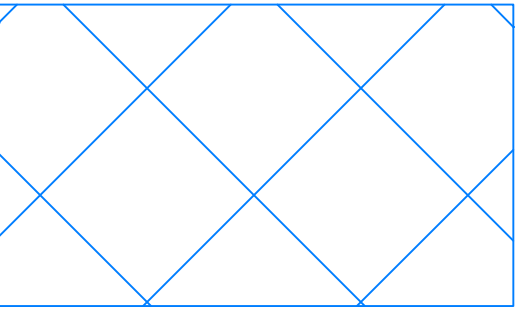




DRAWING NOTES

1. THIS DRAWING WAS PREPARED TO INVESTIGATE THE TRUE EXTENT OF PREDICTED TIDAL FLOODING AT THE SITE FOLLOWING PUBLICATION BY THE ENVIRONMENT AGENCY OF A REVISED FLOOD MAP FOR PLANNING THAT SHOWS REVISED EXTENTS OF TIDAL FLOOD ZONES 2 AND 3, AS SHOWN IN THE SMALL DRAWING BOX BELOW. THE CHANGE FOLLOWED PUBLICATION OF A NEW LIDAR DTM IN 2018. THE PREVIOUS FLOOD MAP FOR PLANNING WAS BASED ON THE 2013 DTM.
2. FLOOD ZONE 2, WHICH IS THE APPROXIMATE EXTENT OF 1,000 YEAR FLOODING, HAS A 2.5 METRE RESOLUTION, WHICH IS TOO COARSE TO ASCERTAIN THE TRUE EXTENT OF FLOODING AT THE SITE. FURTHERMORE, WHERE BUILDINGS WITH RAISED FLOORS EXIST, NO FLOODING WOULD BE OBSERVED OVER THE FOOTPRINTS OF THOSE SUCH BUILDINGS.
3. THE AERIAL PHOTOGRAPH INCLUDED IN THIS DRAWING WAS SUPPLIED BY CHANNEL COAST OBSERVATORY. OUTLINES OF THE PROPOSED DEVELOPMENT AND THE SITE BOUNDARY ARE DEPICTED BY THICK RED LINES AND ARE TAKEN FROM JON DALE ARCHITECTS DRAWINGS SSP/495/1 & 2 DATED MAY 2019.
4. NUMBERS SHOWN IN THE MAIN DRAWING BOX ARE THE DIFFERENCES IN LEVEL IN METRES BETWEEN THE ENVIRONMENT AGENCY'S 2018 LIDAR DTM AND THE LEVEL OF TODAY'S ESTIMATED 1,000 YEAR FLOOD LEVEL, 3.60 MAOD. THEY USE THE ONE METRE GRID OF THE PUBLISHED 2018 LIDAR DTM.
5. NUMBERS IN RED SIGNIFY BARE LAND THAT IS BELOW TODAY'S ESTIMATED 1,000 YEAR FLOOD LEVEL, NUMBERS IN BLACK SIGNIFY BARE LAND THAT IS ABOVE THAT FLOOD LEVEL.
6. BECAUSE THE LIDAR DTM IS A BARE EARTH DTM, IT USES ESTIMATES GROUND LEVELS BELOW THE FOOTPRINTS OF STRUCTURES DERIVED FROM INTERPOLATION OF EXTERNAL GROUND LEVELS.
7. TWO PARTIUCULAR ADJUSTMENTS TO THE AREAS DEPICTED BY NUMBERS IN RED ARE REQUIRED TO DERIVE THE TRUE EXTENT OF THE PREDICTED 1,000 YEAR TIDAL FLOOD AT THE SITE.
8. THE FIRST ADJUSTMENT IS TO REMOVE EXISTING STRUCTURES WITH FLOOR LEVELS ABOVE THE FLOOD.
9. THE SECOND ADJUSTMENT IS TO REMOVE LOW AREAS THAT ARE DISCONNECTED FROM TIDAL WATERS.
10. THE TRUE EXTENT OF TODAY'S 1,000 YEAR FLOOD AT THE SITE IS DEPICTED BY DARK BLUE CROSS HATCHING. THE MAXIMUM FLOOD DEPTH IS 70 MM



TRUE EXTENT OF TODAY'S
1,000 YEAR TIDAL FLOOD
WITHIN THE SITE RED LINE.
MAXIMUM DEPTH OF
FLOODING IS 70 MM.



FLOOD ZONES 2 AND 3 FEBRUARY 2020
(CYAN DEPICTS FLOOD ZONE 2, BLUE FLOOD ZONE 3)

Simon Jones-Parry BSc CEng MICE Swans Farm Winchfield Hook RG27 8DB Tel 01256 704940			
SOUTHERN PLANNING PRACTICE LTD PROPOSED REDEVELOPMENT 14 EASTOKE AVENUE HAYLING ISLAND PO11 9QW		TRUE EXTENT OF TODAY'S 1,000 YEAR TIDAL FLOOD	
Scale 1:50@A1	Date 05/02/20	Drawing Nr 60	