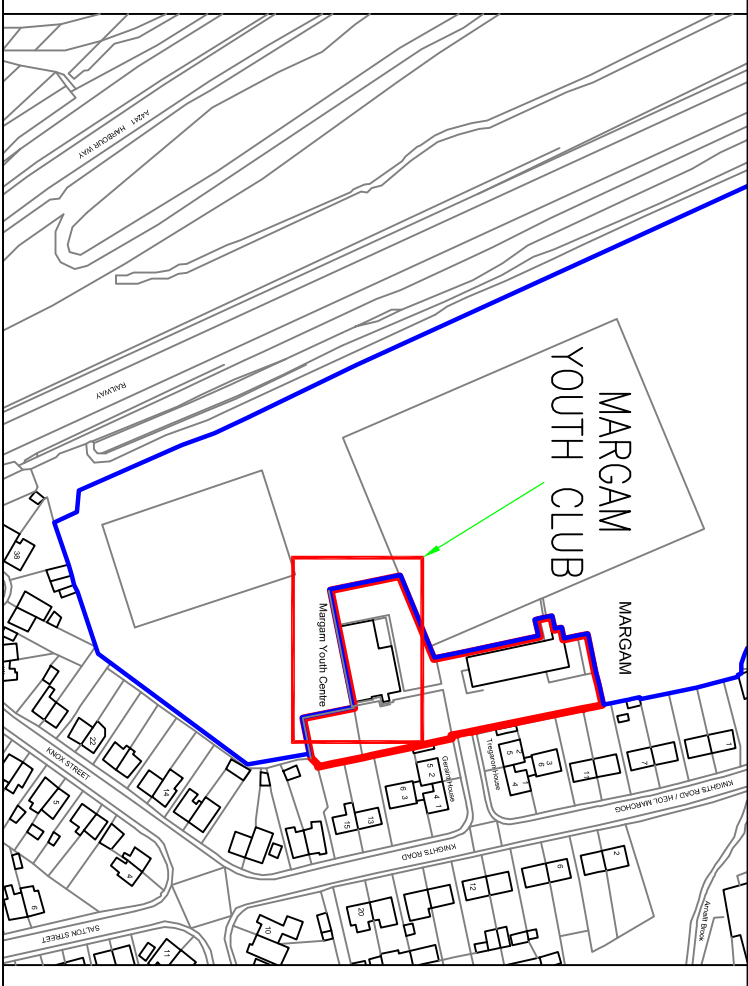
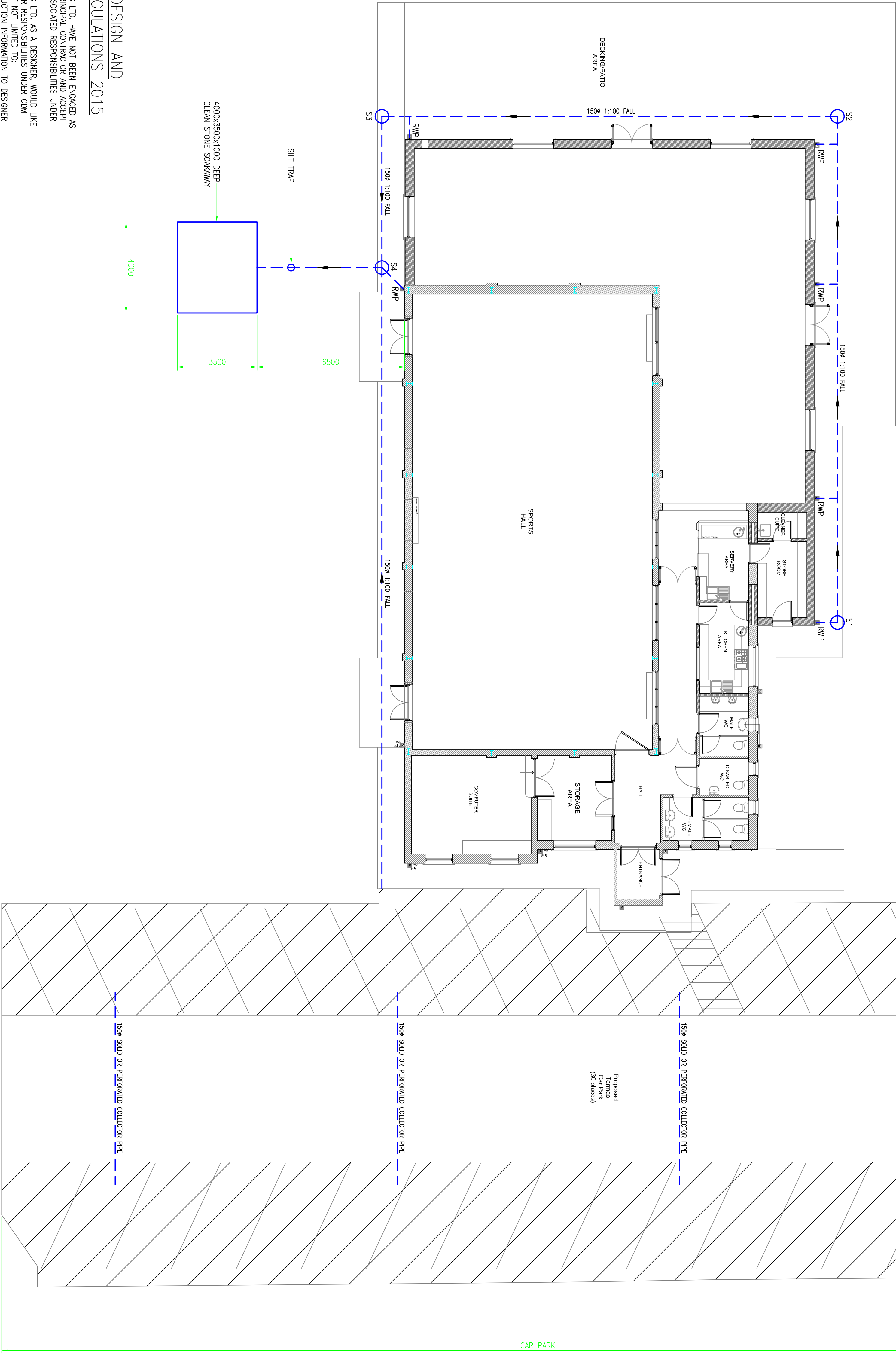


NOTE:
LANDSCAPING AND GENERAL SITE DESIGN BY OTHERS.
CONSIDERATION SHALL BE GIVEN TO SURFACE WATER,
RUN OFF PROFILES AND RISKS ASSOCIATED WITH
SURFACE WATER FLOODING AS PER NRW MAPS.
GROUND LEVEL SHALL BE DESIGNED TO REDUCE
IMPACT FROM POTENTIAL SURFACE WATER FLOOD
SCENARIOS AND PREVENT BUILD UP OF WATER NEAR
BUILDING OR ACCESS ROUTES.

ALL PAVING LEVELS TO BE ENGINEERED BY
OTHERS TO ALLOW SURFACE WATER RUN OFF
FROM IMPERMEABLE AREAS ONTO PERMEABLE
PARKING BAYS



- NOTES:
1. ALL DRAINAGE TO BE DESIGNED, DETAILED AND CONSTRUCTED IN ACCORDANCE WITH BUILDING REGULATIONS APPROVED DOCUMENT PART H.
 2. FINAL INVERT AND LEVELS TO BE CONFIRMED BY PRINCIPAL CONTRACTOR PRIOR TO CONSTRUCTION.
 3. DOWN PIPE TO BE DETAILED BY CONTRACTOR. DOWN PIPES TO CONNECT TO INSPECTION CHAMBER S1, S2, S3 & S4.
 4. ALL INSPECTION CHAMBERS COVERS TO BE GRADE B125.
 5. 4000x3500x1000 DEEP CLEAN STONE SOAKAWAY. DESIGNED TO ACCOMMODATE 1 IN 100 YEAR STORM WITH AN ADDITIONAL 30% ALLOWANCE FOR CLIMATE CHANGE. CLEAN STONE TO HAVE A MINIMUM OF 30% Voids RATIO. SOAKAWAY TO BE WRAPPED IN TERRAM 11000 MEMBRANE OR SIMILAR APPROVED.

NOTE:
ALL EXISTING DRAINAGE TO REMAIN CONNECTED TO EXISTING SURFACE WATER DRAINAGE SYSTEM.
PROPOSED SOAKAWAY ONLY DESIGNED TO DRAINAGE NEW STRUCTURE.

- LEGEND
- DRAINAGE – SURFACE WATER (S1–S4 INSPECTION CHAMBER)
 - INSPECTION CHAMBER 450mmø

HOLDS	
HOLD 1	FINAL INVERT AND LEVELS TO BE CONFIRMED BY PRINCIPAL CONTRACTOR PRIOR TO CONSTRUCTION

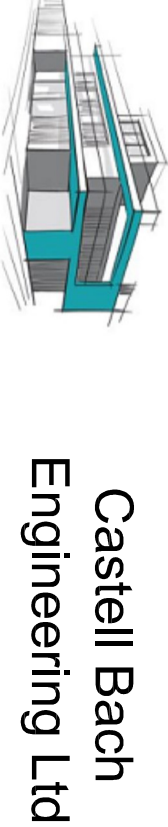
REFERENCE DRAWINGS

172-CL-002	PROPOSED DRAINAGE DETAILS
172-CA-001	PROPOSED DRAINAGE CALCULATIONS

REV	DATE	DESCRIPTION	DESIGN	DRAWN	CHK	APP

PROPRIETARY AND CONFIDENTIAL

THE INTELLECTUAL PROPERTY AND WHERE RELEVANT, COPYRIGHT IN THIS DRAWING IS HELD BY CASTELL BACH ENGINEERING LTD. ANY REPRODUCTION, WHATEVER THE MANNER, WITHOUT THE WRITTEN PERMISSION OF CASTELL BACH ENGINEERING LTD. IS STRICTLY PROHIBITED. THE FULL TERMS OF THE LICENSED AGREEMENT ARE CONTAINED IN CASTELL BACH ENGINEERING LTD TERMS AND CONDITIONS OF BUSINESS, WHICH IS AVAILABLE ON THE COMPANY'S WEBSITE.



PROJECT			
MARGAM YC & FOOTBALL CLUB			
TITLE			
PROPOSED DRAINAGE LAYOUT			
SCALE	PROJECT No	DOCUMENT No	REV
AS SHOWN	172	172-CL-001	0

CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATIONS 2015

- NOTES:
- 1) CASTELL BACH ENGINEERING LTD, HAVE NOT BEEN ENGAGED AS PRINCIPAL DESIGNER OR PRINCIPAL CONTRACTOR AND ACCEPT NO RESPONSIBILITY FOR ASSOCIATED RESPONSIBILITIES UNDER CDM REGULATIONS.
 - 2) CASTELL BACH ENGINEERING LTD, AS A DESIGNER, WOULD LIKE TO INFORM CLIENT OF THEIR RESPONSIBILITIES UNDER CDM REGS 2015, INCLUDING BUT NOT LIMITED TO:
 - a) PROVIDING PRE-CONSTRUCTION INFORMATION TO DESIGNER AND CONTRACTOR;
 - b) PROVIDING SUITABLE WELFARE FACILITIES FOR DURATION OF PROJECT;
 - c) ALLOWING SUFFICIENT TIME AND RESOURCES AT EACH STAGE OF THE PROJECT;
 - d) PREPARES AND UPDATES THE SITE HEALTH AND SAFETY FILE FOR SITE AND/OR PROJECT;
 - 2) PRINCIPAL CONTRACTOR SHOULD PROVIDE A CONSTRUCTION PHASE PLAN BEFORE CONSTRUCTION WORK BEGINS.
 - 3) PRINCIPAL DESIGNER SHOULD BASE DESIGN ON CLIENT PROVIDED INFORMATION, INCLUDING POSSIBLE HEALTH AND SAFETY RISKS AND TAKE STEPS TO REDUCE OR CONTROL ANY RISKS THAT CANNOT BE ELIMINATED.

PLAN ON DRAINAGE LAYOUT

SCALE 1:100