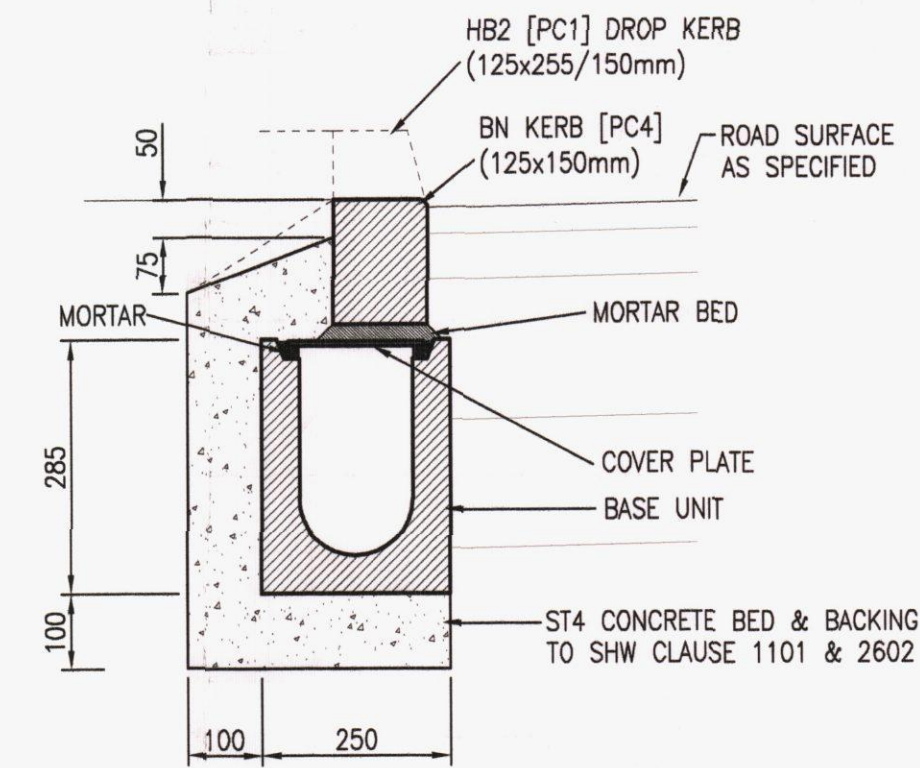
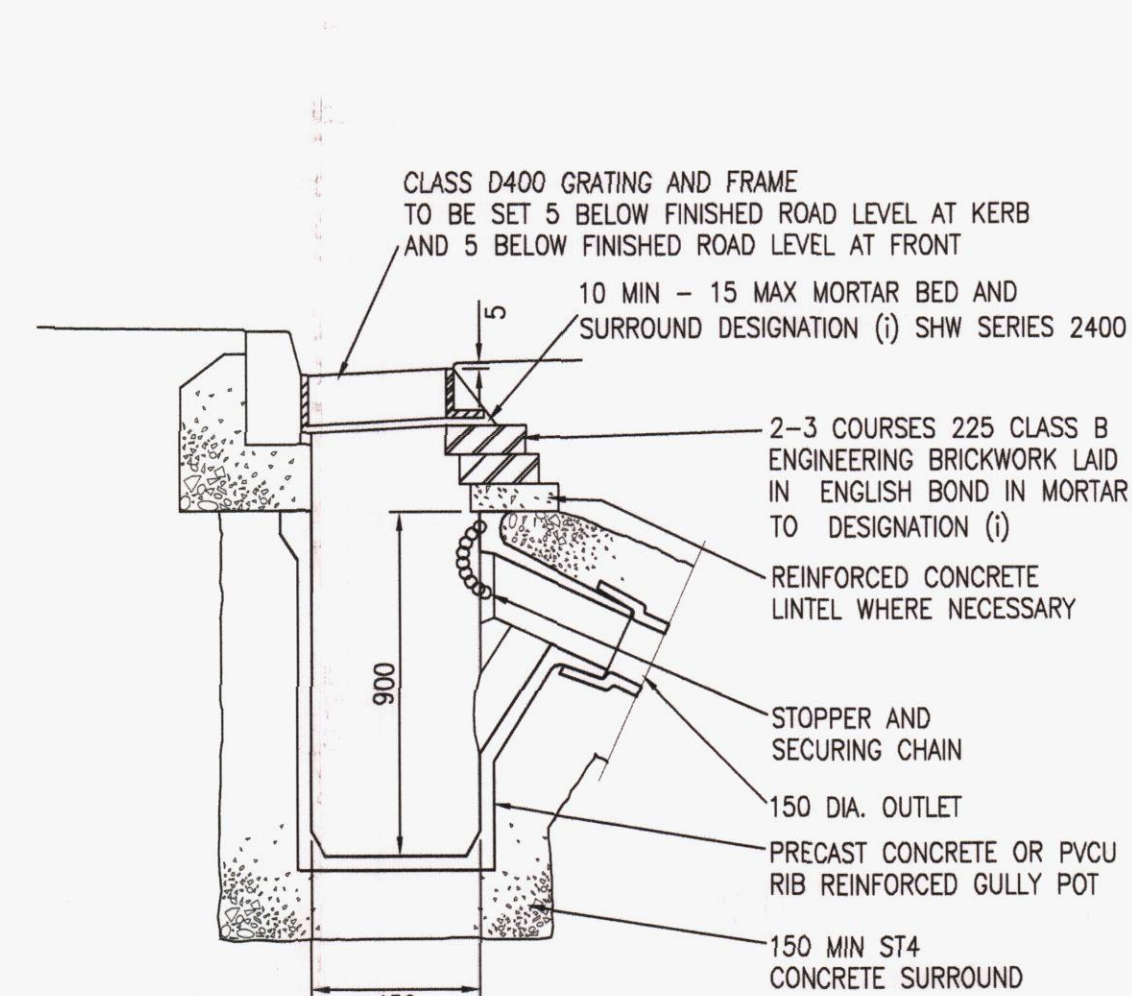


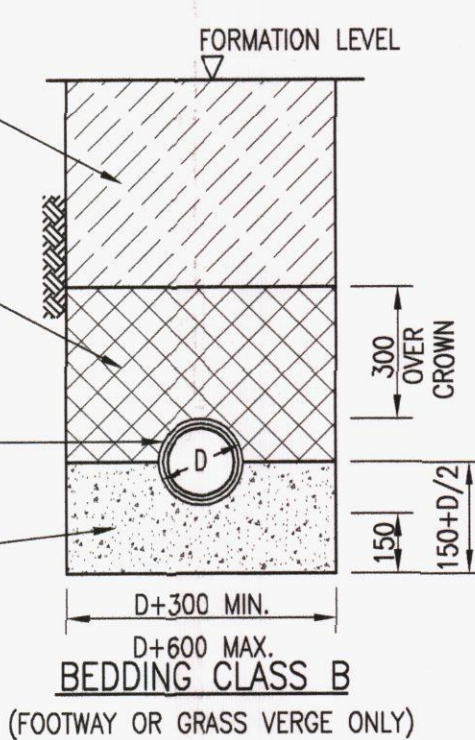


COMBINED KERB & DRAINAGE SYSTEM
BASE UNIT & COVER PLATE AT
CROSSING POINTS

CROSSING POINTS



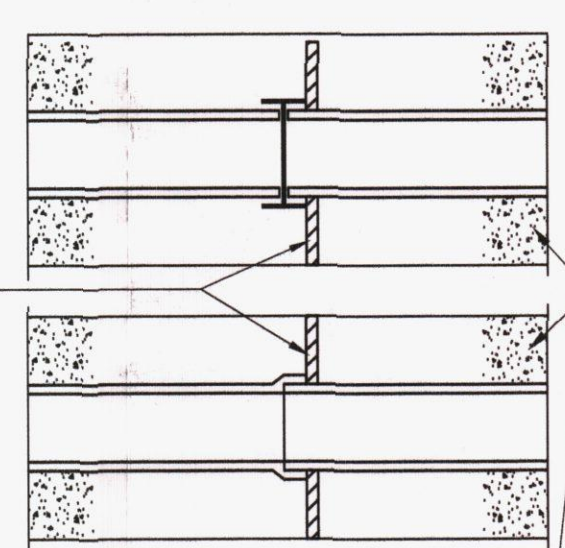
SECTION
TYPICAL PREFORMED
TRAPPED GULLY POT



S

BEDDING CLASS B

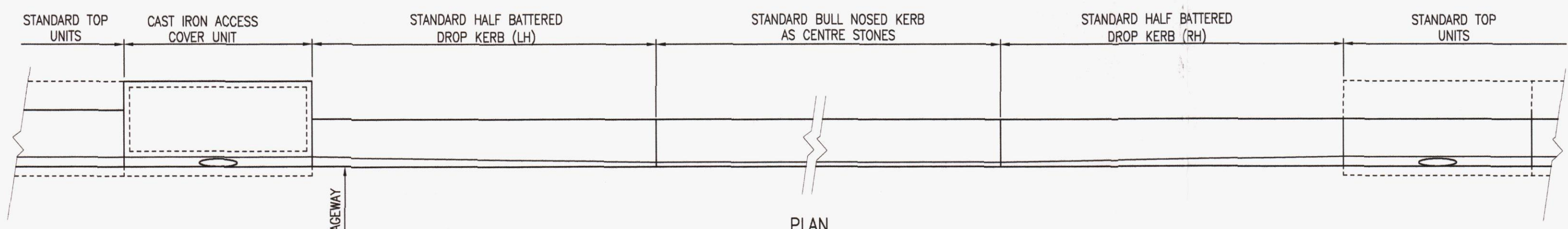
(FOOTWAY OR GRASS VERGE ONLY)



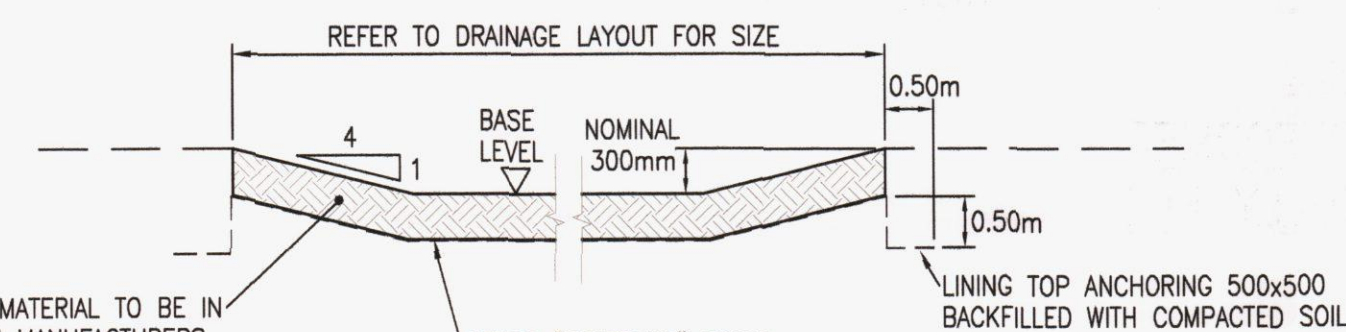
SECTION Z-Z

TYPICAL BEDDING TYPES

NOT TO SCALE



SECTION TYPICAL DETENTION BASIN CONSTRUCTION



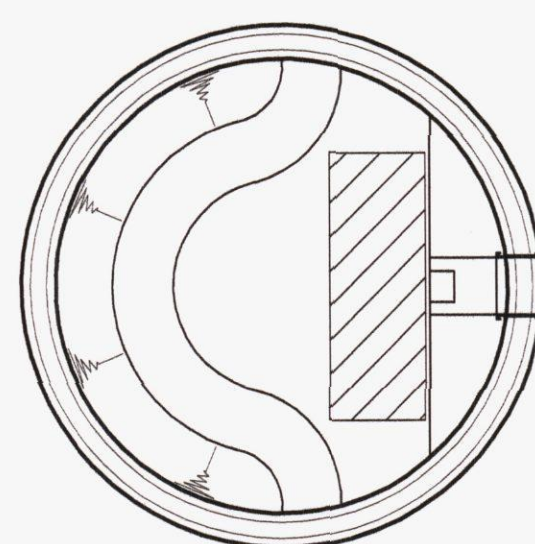
TYPICAL PERMANENT WETLAND FEATURE
(HABITATION POND) CONSTRUCTION

2 (MINIMUM) TO 4 (MAXIMUM) COURSES CLASS B ENGINEERING BRICKWORK (TO BS 771-1) OR PRECAST CONCRETE SEATING RINGS (TO BS 5911) LAID ON CLASS (i) MORTAR TO CLAUSE 2402 OF THE WORKS SPECIFICATION —

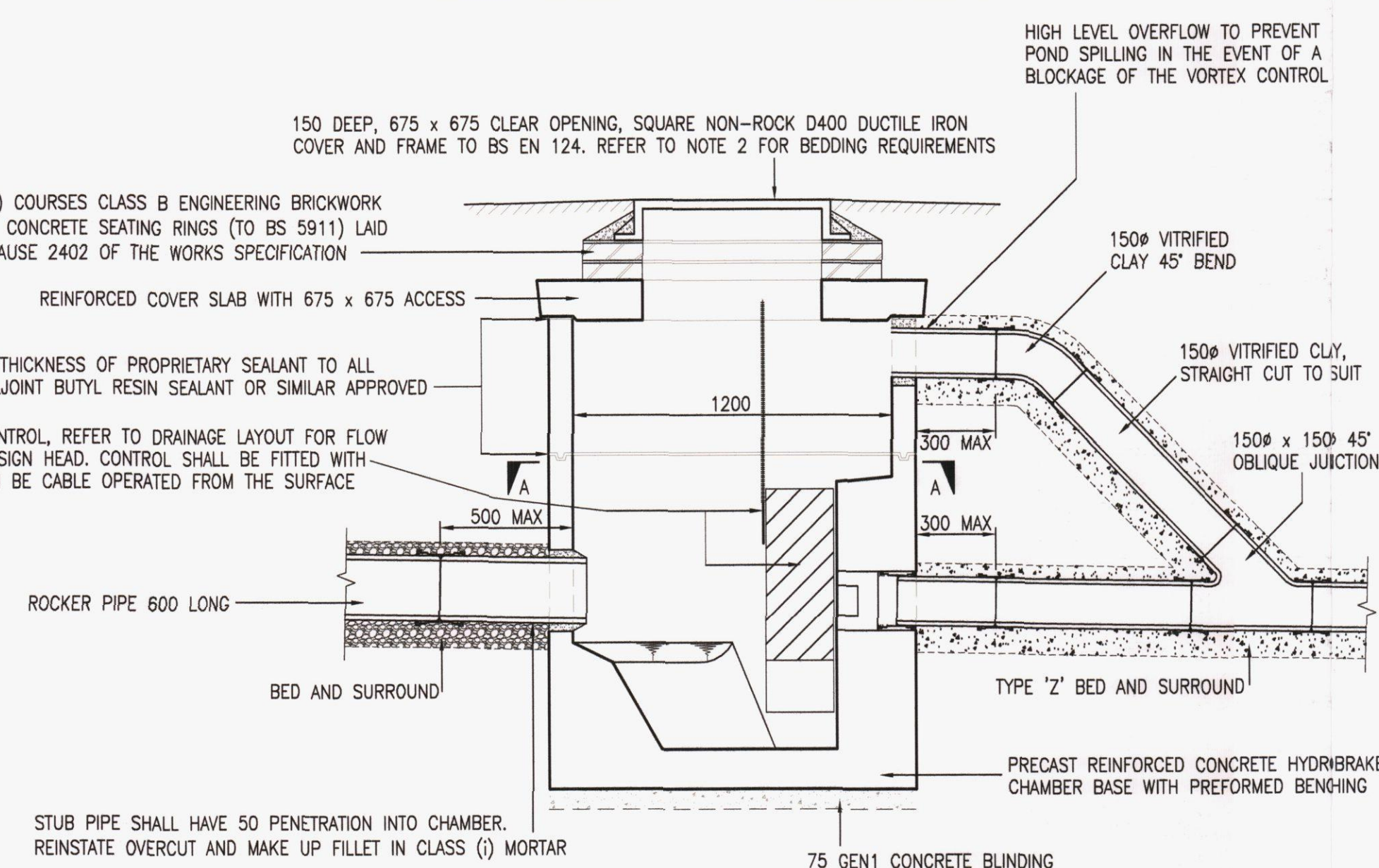
REINFORCED COVER SLAB WITH 675 x 675 ACCESS

10mm UNCOMPRESSED THICKNESS OF PROPRIETARY SEALANT TO ALL
HORIZONTAL JOINTS. MILJOINT BUTYL RESIN SEALANT OR SIMILAR APPROVED

HYDROBRAKE VORTEX CONTROL, REFER TO DRAINAGE LAYOUT FOR FLOW RATE AND HYDRAULIC DESIGN HEAD. CONTROL SHALL BE FITTED WITH BYPASS GATE WHICH CAN BE CABLE OPERATED FROM THE SURFACE



SECTION A-A
TYPICAL PREFORMED BENCHING



PREFABRICATED SURFACE WATER CONTROL CHAMBER
HYDROBRAKE CHAMBER

- PRELIMINARY ISSUE

NOTES: PREFABRICATED CONTROL CHAMBER

1. HYDROBRAKE CONTROL CHAMBERS ARE JOINTLY MANUFACTURED BY CPM GROUP AND HYDRO INTERNATIONAL, CONTACT DETAILS ARE PROVIDED BELOW. ALTERNATIVE REINFORCED PRECAST CONCRETE CONTROL CHAMBER UNITS WILL BE CONSIDERED.

ADDRESS: HYDRO INTERNATIONAL LIMITED
STORMWATER
SHEARWATER HOUSE
CLEVEDON HALL ESTATE
VICTORIA ROAD
CLEVEDON
BS21 7RD

2. FRAMES SHALL BE SET TO ENSURE THAT THE COVER WILL BE FLUSH WITH AND TO THE SAME FALL AS THE ADJACENT FINISHED GROUND LEVEL. FRAMES SHALL BE BEDDED ON AND HAUNCHED WITH POLYESTER RESIN MORTAR WITHIN TRAFFICKED PAVED AREAS OR A HIGH STRENGTH CEMENTIOUS MORTAR WITHIN VERGES OR LANDSCAPED AREAS.

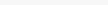
3. BRICKS FOR THE SETTING OF COVERS, GRATINGS AND FRAMES SHALL BE SOLID CLASS B CLAY ENGINEERING BRICKS CONFORMING WITH THE REQUIREMENTS OF BS EN 771-1 FOR CLASS B BRICKS. ALL BRICKS SHALL BE FROST RESISTANT CATEGORY F.

4. BRICKWORK SHALL BE BUILT IN ENGLISH BOND WITH BRICKS SET IN MORTAR WITH ALL BED AND VERTICAL JOINTS FILLED SOLID. EXPOSED FACES SHALL BE FLUSH POINTED WITH JOINTS OF UNIFORM THICKNESS, AVERAGE 10MM, TO FORM A NEAT SEALED FINISH. THE MOISTURE CONTENT OF BRICKS SHALL BE ADJUSTED SO THAT EXCESSIVE SUCTION IS NOT EXERTED ON THE MORTAR.

5. BRICKS IN EACH COURSE SHALL BREAK JOINT CORRECTLY WITH THE BRICKS DIRECTLY BENEATH. COURSES SHALL BE PARALLEL AND KEPT STRAIGHT. BRICKWORK SHALL BE GAUGED TO RISE 300 mm IN FOUR COURSES. BRICKS FORMING INTERNAL ANGLES SHALL BE SELECTED FOR SQUARENESS AND BUILT PLUMB.

6. NO BRICKS SHALL BE LAID WHEN THE AIR TEMPERATURE IN THE SHADE IS BELOW 3°C UNLESS PRECAUTIONS ARE TAKEN EITHER IN ACCORDANCE WITH BS 5628 PART 3 OR TO ENSURE THAT ALL MATERIALS WHEN USED ARE FREE FROM SNOW, ICE AND FROST

7. IMMEDIATELY AFTER LAYING AND FOR THREE DAYS THEREAFTER BRICKWORK SHALL BE ADEQUATELY PROTECTED AGAINST THE HARMFUL EFFECTS OF WEATHER. THE UPPER SURFACE OF NEWLY LAID BRICKWORK SHALL BE PROTECTED AGAINST RAIN DURING CONSTRUCTION



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CRAYFERN HOMES LTD

SCRATCHFACE LANE
BEDHAMPTON

CONSTRUCTION DETAILS
SHEET 3

DATE	DRAWN	CHECKED
JUNE 2013	MSR	
DRAWING NO.	REV.	SCALE
4423.520	A	N.T.S.
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