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1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS AND THE SPECIFICATION.
2. ALL CONCRETE MATERIALS TO BE IN ACCORDANCE WITH BS.8500-1:2002. ALL CONCRETE WORKMANSHIP TO BE IN ACCORDANCE WITH BS.8000-2.1:1990. ALL CONCRETE CONSTRUCTION TO BE IN ACCORDANCE WITH BS.8110-1:1997.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXECUTION OF THE WORKS IN ACCORDANCE WITH THE DRAWINGS AND THE SPECIFICATION AND FOR THE ACCURACY OF ALL DIMENSIONS AND SETTING OUT ON SITE.
4. ALL MATERIALS MUST BE APPROVED BY THE ENGINEER PRIOR TO USE. GRADING CERTIFICATES ARE REQUIRED FOR Df9 TYPE 1 SUB-BASE MATERIAL.
5. PAD BASE FOUNDATIONS HAVE BEEN DESIGNED ON A PERMISSIBLE SAFE GROUND BEARING CAPACITY OF 50 kN/m². THE FORMATION LEVEL IS TO BE IMPROVED BY THE USE OF A POWER RAMMER. THE ANTICIPATED FORMATION LEVELS SHOWN, BEING A MINIMUM. ANY OVER DIG TO REACH A SUITABLE FORMATION LEVEL IS TO BE MADE UP IN SRPC CONCRETE. ALL FOMNATIONS TO BE APPROVED BY THE ENGINEER.
6. CEMENT TO BE OPC TO BS.8500-2:2002.
7. ALL BURIED CONCRETE TO BE CLASSIFIED AS DESIGN SULPHATE CLASS DS-1 AND ACEC CLASS AC-1. ALL FOUNDATION CONCRETE TO BE GRADE C28/35 AND HAVE A MINIMUM CEMENT CONTENT OF 300kg/m³ AND A MAXIMUM FREE WATER CEMENT RATIO OF 0.60. UNLESS STATED OTHERWISE.
8. FOUNDATION CONCRETE TO BE CAST AGAINST NATURAL VERTICAL EARTH FACES. ANY OVER EXCAVATION TO BE FILLED TO THE APPROPRIATE LEVELS INDICATED, MONOLITHICALLY, WITH THE APPROPRIATE GRADE OF CONCRETE SPECIFIED.
9. ALL ORGANIC MATERIAL / TOPSOIL TO BE REMOVED FROM THE BUILDING PLAN FOOTPRINT.
10. Tarmac Spec:
    30mm AC10 CLOSE SURF 100/150
    60mm AC20 DENSE BINDER 100/150
    100mm AC32 DENSE BASE 100/150
    225mm DOT TYPE 1 SUB BASE FORMATION TO BE PROOF ROLLED, SOFT SPOTS REMOVED AND INFILLED WITH TYPE 1 MATERIAL
    PROVIDE OPPOTEX 100 WOVEN GEOTEXTILE 100 GSM WEED BARRIER BY FIBERLOK GEOSYNTHETICS TO ALL AREAS OF TARMAC
11. PAVING SLABS TO SIT ON 30mm SAND BED WITH 150mm DOT TYPE 1
12. PROVIDE OPPOTEX 100 WOVEN GEOTEXTILE 100 GSM WEED BARRIER BY FIBERLOK GEOSYNTHETICS BENEATH ALL GRAVEL AREAS WITHIN COMPOUND.
13. 25MM LAYER OF FINISH GRAVEL ON GRANULAR SUB-BASE OF 300MM 6F2 COMPACTED IN 150MM LAYERS ON ROLLED FORMATION.
14. Stone Spec:
    225mm Type 1 sub base (CL 803) on 225mm copping layer 6F2 on Oppotex Geotextile weed barrier on well rolled formation

NOLAN ASSOCIATES

PRELIMINARY DRAWING

NOT TO BE USED FOR CONSTRUCTION

REV	DESCRIPTION	BY	CHKD	DATE
P2	Switch room orientation updated	RW	ARW	11.08.15
P1	Preliminary	KH	ARW	31.07.15

GF Energy
Timet, Swansea

Site Layout

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Drawn by	Date	Plot Date	Scale
KH	14.07.15	14.07.15	1:125@A0
Checked by	Project No		Dwg No
ARW	2015-193		001 P2

Road Extension
(Scale 1:125)