



Project / Contract Name
The Pheonix Project

Contract No.
C0125

Week / Report No.
3

Progress Report
Date: 20/12/13
Report Author: JP

Programme Title / Revision / Date
TPP Preliminary RC Programme 18-11-13 Summary

Week Ending
22/12/2013

Item	Activity	Duration	Planned %	Actual %	Remarks / Comments
1	RC WALL BASES & LOW LEVEL WALLS				
2	Wall Base No.1	7d	100	100	Base handed over to HCE on 27/11/13.
3	Wall Base No.2	9d	100	100	Base handed over to HCE on 27/11/13. HCE Commenced excavations pm on 02/12/13. Work to this base was inefficient as the prefabbing of steel and the laydown adrea clashed with the position of the base.
4	Wall Base No.3	9d	100	100	This base was handed over to HCE on 4/12/13. All pad foundations in base 3 were dug down to suitable ground and mass filled as agreed with Ian Coleman. The beams between these foundation's were kept as 450mm as per the drawing. Mass fill and blinding carried out over 2 days on 06-12-13 and 09-12-13. This base was cast in two halves due to the extent of mass filling works to the adjacent Base 4.
5	Wall Base No.4	9d	100	40	Part of this base was handed over to HCE on 4/12/13 and work was progressed weher possible prior to ISG removing the the ramp on 09/12/13 which was fouling 1/2 of the base. This base was mass filled over 7 days, this has been due to the size of the final excavation, instability of the ground and lack of space on site due to Wordsworths incomplete works. Tanking work ongoing. Sean Smithson issued the preliminary drawing 20/12/13 on shear keys which are required in certain foundations (circa 11) and 1 no is in this base - ISG to confirm works involved ASAP to enable works to continue after xmas break. Mass Fill Concrete used = 215m ³ , completed on 16-12-13.
6	Low Level Wall Pour 1	4d	100	100	Cast on 20/12/13
7	Low Level Wall Pour 2	5d	100	100	HCE lost 1 day on this as ISG were reviewing the rebar cover to the 'U' bars being 40mm in lieu of 50mm - Wall pured with 40mm cover.
8	Low Level Wall Pour 3	5d	40	40	Wall reinforcement commenced 19/12/13 which is a consiquence of Base 3 being handed over to HCE late.
9	Low Level Wall Pour 4	6d	100	0	This section of wall has been left out to facilitate a new access ramp, to gain access to the upper basement extention - Variation.

10	Low Level Wall Pour 5	5d	40	100	Complete ahead of programme on 19/12/13 to allow ISG to install a ramp to access Upper Basement Variation.
11	Low Level Wall Pour 6	5d	0	0	
12	Low Level Wall Pour 7	5d	0	0	
13	Low Level Wall Pour 8	5d	0	0	
14	Low level Wall Pour 9	6d	0	0	
15	Low Level Wall Pour 10	6d	0	0	
16	Wall Base No.5	9d	100	22	The batter was re-cut and graded back by Wordsworth from the above road on 16-12-13 at GL 14 / 15, A2 - B. and handed over to HCE on 18/12/13. Pumping out of the base on GL 14 / 15, A2 - B took place all morning on 19/12/13 due to heavy overnight rain. Mass fill currently ongoing.
17	Low Level Wall Pour 11	5d	0	0	
18	Low Level Wall Pour 12	6d	0	0	
19	Low Level Wall Pour 13	6d	0	0	
20	Wall Base No.6	8d	30	33	Handed over partially on 04/12/13 upto GL - F only with restricted access due to the ramp referred to in base 4 and also arisings from the mass fill excavation. This has meant that we have had to mass fill in a piecemeal fashion. Mass fill completed on 16/12/13. As a consequence of the delay to base 3 & 4 this base is behind programme as we have continued to follow the sequence of our programme. Mass Fill Concrete used = 186m3
21	Wall Base No.7	10d	55	15	partially handed over (GL 1, G-J) on to HCE on 17/12/13. On 18/12/13, 2 hours day works was carried out as the stockpiled arisings to be loaded off site by Wordsworth were in the way of commencing the works. Access was gained by moving a small part of these arisings but the remainder of the works from GL F1 / G, 2 - 6 cannot be done until the stockpile whiis moved. Muck shift commenced in this area 19-12-13. The partial mass fill to GL 1 was carried out over the 2 following dates: 16/12/13 & 18/12/13. As a consequence of the delay to base 3 & 4 this base is behind programme as we have continued to follow the sequence of our programme. Concrete used so far = 137m3
22	Low Level Wall Pour 16	6d			
23	Low Level Wall Pour 17	5d			
24	Low Level Wall Pour 18	5d			
25	Low Level Wall Pour 20	6d			
26	Wall Base No.8	9d	33	0	Await Hand Over
27	Low Level Wall Pour 21	6d			
28	Low Level Wall Pour 22	6d			
29	Low Level Wall Pour 23	6d			
30	Wall Base No.9	10d	10	0	Handed over on 17-12-13 with Base 5 , the mass filling of base 5 needs completing first.
31	Low Level Wall Pour 14	6d			

32	Low Level Wall Pour 15	6d		
33	Wall Base No.10	8d		
34	Low Level Wall Pour 26	6d		
35	Low Level Wall Pour 27	6d		
36	Low Level Wall Pour 28	6d		
37	Wall Base No.11	9d		
38	Low Level Wall Pour 24	6d		
39	Low Level Wall Pour 25	6d		
40	Low Level Wall Pour 29	6d		
42	UPPER WALL POURS			
43	Upper Pour - U1	5d		
44	Upper Pour - U2	5d		
45	Upper Pour - U3	5d		
46	Upper Pour - U4	5d		
47	Upper Pour - U5	5d		
48	Upper Pour - U6	6d		
49	Upper Pour - U7	6d		
50	Upper Pour - U8	6d		
51	Upper Pour - U9	6d		
52	Upper Pour - U10	5d		
53	Upper Pour - U11	5d		
54	Upper Pour - U12	5d		
55	Upper Pour - U13	5d		
56	Upper Pour - U14	5d		
57	Upper Pour - U15	5d		
58	Upper Pour - U16	5d		
59	Upper Pour - U17	5d		
60	Upper Pour - U18	5d		
61	Upper Pour - U19	5d		
62	Upper Pour - U20	5d		
63	Upper Pour - U21	5d		
64	Upper Pour - U22	5d		
65	Upper Pour - U24	5d		
66	Upper Pour - U23	5d		
68	INTERNAL FOUNDATIONS AND SLABS			
69	Monolithic Foundation GL 4 - 7b	13d		
70	Monolithic Foundation GL 7b - 10	12d		
71	Underslab Drainage	15d		
72	Lower Slab Works GL A2-C / 7x-14	12d		
73	Lower Slab Works GL C-F / 1-7x	12d		
74	Lower Slab Works GL C-F / 7x-14	12d		
75	Lower Slab Works GL F-J / 7x-14	12d		
76	Lower Slab Works GL F-J / 1-7x	12d		
78	UPPER BASEMENT EXTENSION			
79	GL - 1 Stepped Wall and Base	12d		
80	GL - 1 Stepped Walls	13d		
81	Upper Car Park GL - A Wall Bases	11d		
82	Upper Car Park GL - A Walls	13d		
83	Ground Slab Works - Phase 1	46d		

84	GL - A3/16 Stepped Wall and Base	11d	0	0	
85	Retaining Wall Adj GL 14 on Base 5	5d			
86	GL - A3/16 Stepped Walls	20d			
87	Ground Slab Works - Phase 2	15d			

Summary:

1. Currently we are behind programme due to the Mass Fill operation which is not specifically included in HCE 16 week programme for the RC Work. As the site wasn't handed over to HCE in full, as intended by ISG, we have not been able to progress work in multiple locations concurrently with the mass fill as recoded in our letter dated 12/12/13.
2. HCE still do not have 100% possession of the work fronts with base 7 not accessible due to the muck shift operation. Wordsworth are anticipated to be complete with the basement and muck shift by 06-01-14.
3. We still have major concerns about the access in to the basement for concrete wagons as we are currently scraping the poor existing ground conditions on a daily basis. At the time of writing we have an issue on how we get concrete wagons over to base 5 for the mass fill. The ground is currently soft under foot so we cannot even attempt to run a concrete wagon over. A suitable access road needs installing as a matter of urgency to provide access to the work.
4. HCE are currently storing steel which is being delivered on the high level to the rear of the tubosider as there is not suitable storage / lay down areas in the basement for this. After the xmas break an additional stoned up / blinded area is required as half of the current pre-fabbing area will be taken away with the access road to the upper basement works. Along with this we have additional shutters coming in line with the programme so a suitable area needs to be given.
5. We are continually encountering varying sub strata conditions along GL 1 A2 - H. This has now also been encountered along grid line 14 in excavating for base 5. This has resulted in excessive mass fill to underside of foundations which will be agreed with ISG and recorded on daily basis.
6. HCE were handed over the access road over the Tubosider after Wordsworth had been shaping up in the area. This hand over was declined by James Page as the area is the current thoroughfare for everyone on site including the muck shift operation and would certainly need works done to bring to a suitable formation. On Tuesday 17-12-13 at 7.15 am James Page witnessed Wordsworth's excavator scraping off this area to enable his muck away wagons to access as it had badly rutted. Obviously the area is going to require scraping down to good ground and stoning back up to formation at a time when the works can be carried out. This is to be agreed on site and there is talk of splitting in to 2 halves which needs to be bottomed out in the new year. HCE would require this handing over when we have access to the area or alternatively would require instructing to carry out the works.

Instructions Received:

1. Tarmac
2. Supply sand Bags
3. Slot Drain - retracted
4. Crossways payment

Instructions Outstanding:

ISG have been slow issuing instruction therefore addition work is being recorded by HCE and signed by Anthony Mitchell/Andy Webb.

1. HCE to carry out the muck away operation, following Wordsworth leaving site.
2. Mass fill base H1 on GL C/1 to bedrock including standing time waiting for Curtins.
3. Form Laydown area for pre-fabbing steel between GL B-C /8-11
4. Relocate formwork and materials due to restricted site access.
5. Move Steel to new compound behind GL J/O.
6. Maintaining site stockpiles due to material not removed from site.
7. Maintenance of site access.

Outstanding Information/ RFI Schedule:

- 1 See attached RFI summary (3 no RFI's are now well overdue)
2. Shear key construction drawing to be issued

Commercial Issues:

ISG to provide instruction for dressing type 1 & Tarmac.

ISG to confirm Contract period for the RC work 16W excluding Christmas and 50 weeks overall.

Andy Webb & Anthony Mitchell are the only ISG staff who can issue instructions from 3/12/13

ISG to confirm Andy Webb email of 18/10/13 to apply to Order Number 18004.

Howard Civil Engineering

CONTRACT : The Phoenix Project

ISSUE NUMBER : 12

REQUEST FOR INFORMATION (RFI) : REGISTER

DATE ISSUED : 09.12.2013



HOWARD
CIVIL ENGINEERING

Key :
Overdue
Ongoing
Actioned

RFI Number	Request by	Date Issued	Description	Respondent	Date Information Required	Information received	Comment / Reply
1	JP	18/10/2013	Ducting across the Access Road	Sean Smithson	18/10/2013	22/10/2013	Work to drawing
2	CB	18/10/2013	Invert Level of FD1 and FD2	Sean Smithson	18/10/2013	14/10/2013	Typo and the correct level is 92.80
3	JP	14/10/2013	Drainage details required, soffit to soffit or invert to invert	Sean Smithson	15/10/2013	22/10/2013	Soffit to Soffit confirmed, drawing D003 sheet 2 of 2 uploaded
4	JP	15/10/2013	Road build up details	Sean Smithson	18/10/2013	22/10/2013	Drawing issued
5	JP	15/10/2013	Site Level drawings required	Sean Smithson	18/10/2013	18/10/2013	Drawing issued
6	JP	15/10/2013	Redundant Interceptor and Manholes	Sean Smithson	18/10/2013		To be concreted or full system grubbed out. TBC dependant on what is easier
7	JP	29/10/2013	Kiln Interceptor proposal	Sean Smithson	01/11/2013	06/11/2013	Proposal accepted
8	JP	29/10/2013	Clarification on service duct diameter's	Sean Smithson	01/11/2013		Drawing issued
9	JP	29/10/2013	Service duct chamber specifications	Sean Smithson	01/11/2013		Proposal accepted
10	AN	30/10/2013	GL 14 Corbel Query	Sean Smithson	04/11/2013	08/11/2013	Work to drawing
11	AN	30/10/2013	GL 14 Wall Thickening Query	Sean Smithson	04/11/2013	08/11/2013	Proposal accepted with thickening
12	AN	30/10/2013	Isolated Corbel Query GL A2	Sean Smithson	04/11/2013	08/11/2013	Work to drawing
13	AN	30/10/2013	Isolated Corbel Query GL 1	Sean Smithson	04/11/2013	08/11/2013	Work to drawing
14	AN	30/10/2013	Isolated Corbel Query GL 14	Sean Smithson	04/11/2013	08/11/2013	Work to drawing
15	JP	05/11/2013	Clarity of drawings	Craig Stanley	06/11/2013	19/11/2013	Work to drawing
16	CB	05/11/2013	S9 - S10	Craig Stanley	05/11/2013	05/11/2013	New levels issued
17	CB	05/11/2013	Tubosider setting out	Craig Stanley	05/11/2013	11/11/2013	New setting out issued
18	LH	11/11/2013	Rev Drainage SPEC	Sean Smithson	15/11/2013		Updated and sent as RFI 24
18	AN	12/11/2013	Base Tanking Details	Sean Smithson	15/11/2013	13/11/2013	Work to drawing and product manuals
19	AN	12/11/2013	Monolithic Base Request	Sean Smithson	15/11/2013	19/11/2013	Proposal accepted
20	JP	19/11/2013	Petrol Interceptor bed area and details	Sean Smithson	19/11/2013	19/11/2013	Work to drawing
21	LH	21/11/2013	Cube Making	Craig Stanley	13/11/2013	21/11/2013	Spec updated
22	CB	26/11/2013	F7 to F9	Craig Stanley	11/12/2013		
23	CB	26/11/2013	Retaining Wall Drainage Design	Craig Stanley	11/12/2013		
24	LH	26/11/2013	Drainage within Foundations	Craig Stanley	11/12/2013		
21	TS	02/12/2013	Backfill Materials for Foundations	Sean Smithson	04/12/2013	09/12/2013	Backfill to be tested or 6F2
25	LH	05/12/2013	Schedule 703	Craig Stanley	05/12/2013	05/12/2013	Work to schedule 703
26	AN	06/12/2013	Wall alterations	Sean Smithson	10/12/2013	11/12/2013	Backfill non-structural
27	JP	18/12/2013	Concrete to underside of wall pockets request	Sean Smithson	06/01/2014		
28							
29							
30							
31							