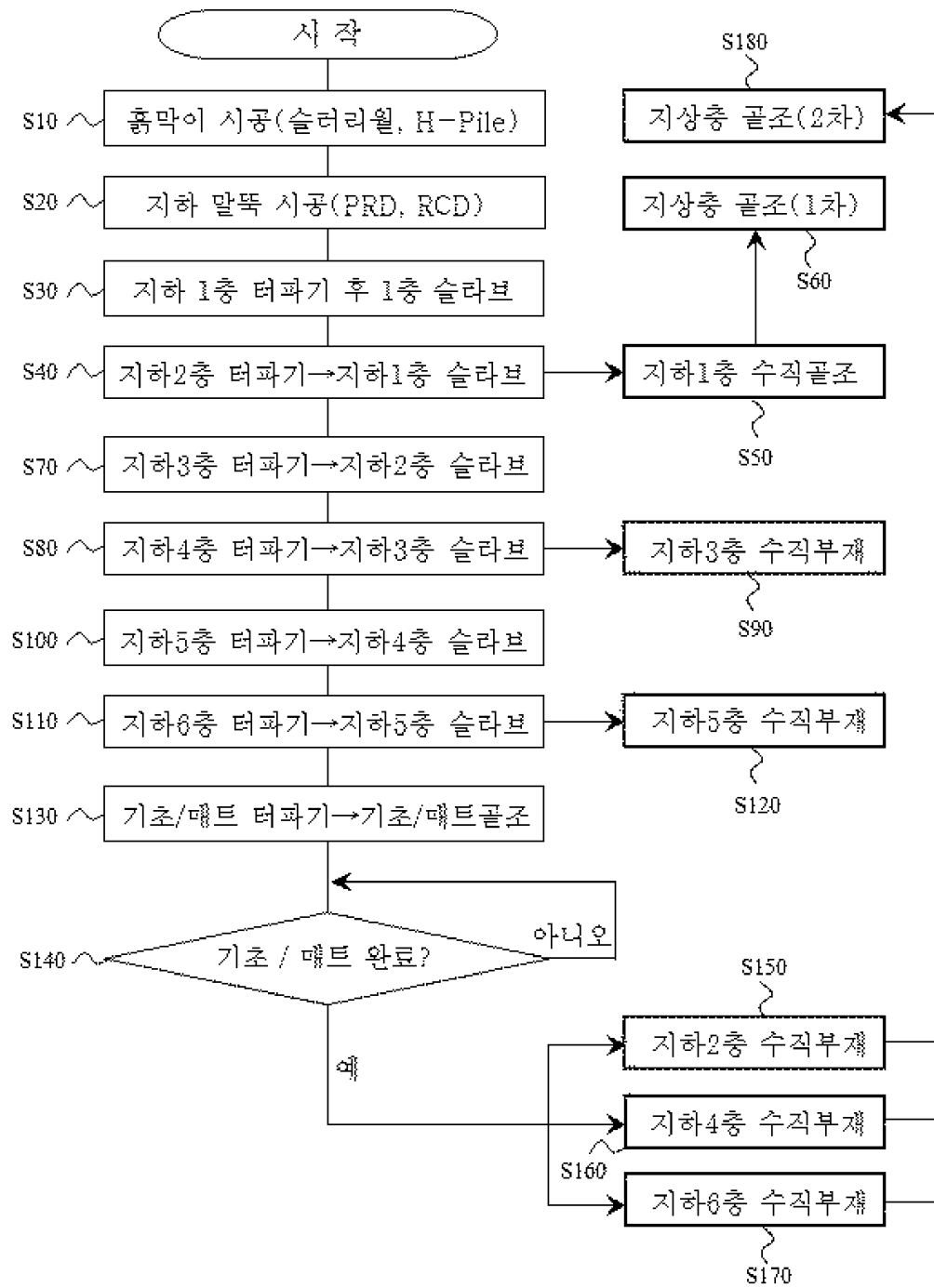
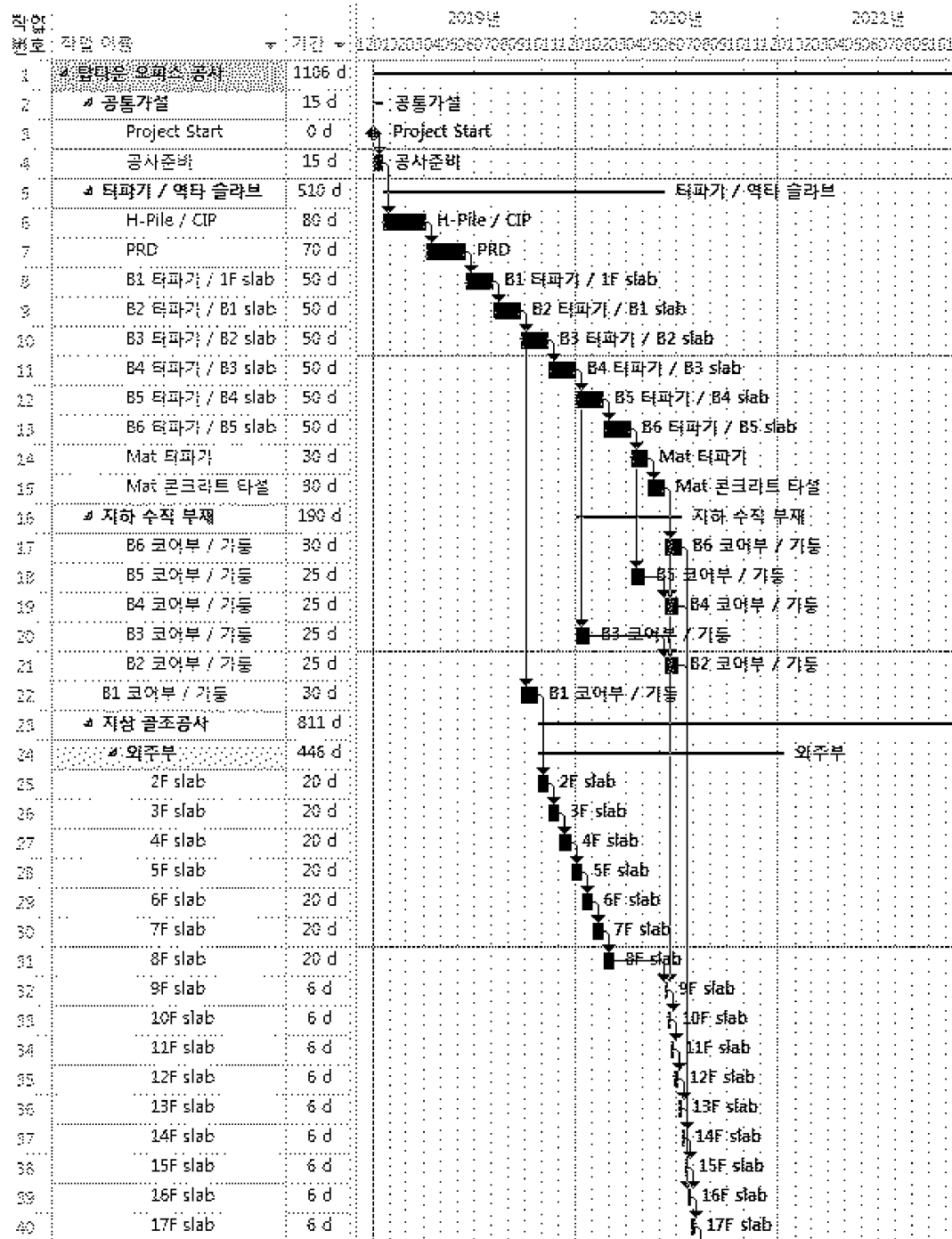


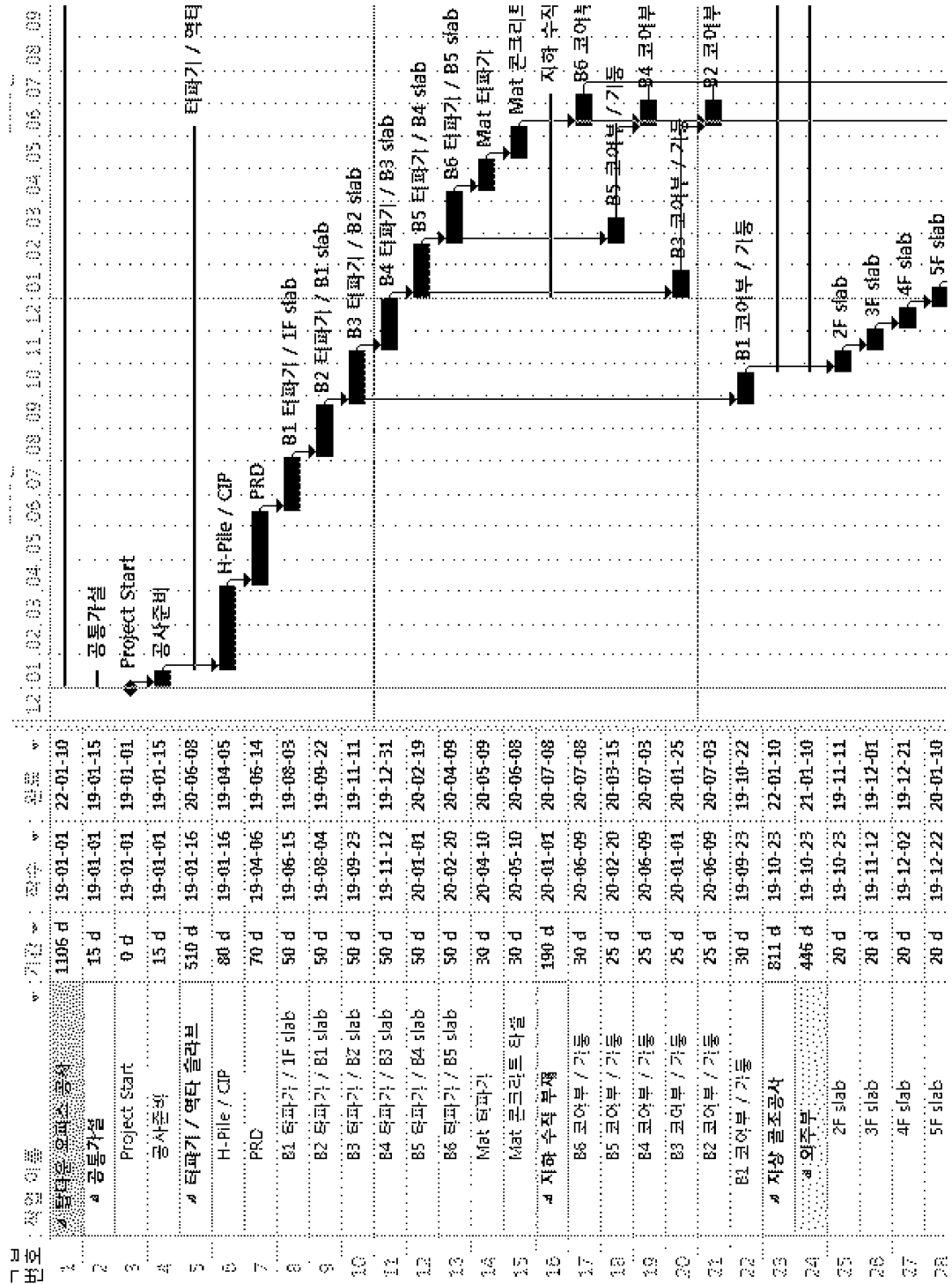


[도2]



작업 번호	작업 이름	기간	2019년		2020년		2021년	
			12월13일04~05060708091011	2019.12.30~405060708091011	2020.12.30~405060708091011	2021.12.30~405060708091011		
28	5F slab	20 d				5F slab		
29	6F slab	20 d				6F slab		
30	7F slab	20 d				7F slab		
31	8F slab	20 d				8F slab		
32	9F slab	6 d				9F slab		
33	10F slab	6 d				10F slab		
34	11F slab	6 d				11F slab		
35	12F slab	6 d				12F slab		
36	13F slab	6 d				13F slab		
37	14F slab	6 d				14F slab		
38	15F slab	6 d				15F slab		
39	16F slab	6 d				16F slab		
40	17F slab	6 d				17F slab		
41	18F slab	6 d				18F slab		
42	19F slab	6 d				19F slab		
43	20F slab	6 d				20F slab		
44	21F slab	6 d				21F slab		
45	22F slab	6 d				22F slab		
46	23F slab	6 d				23F slab		
47	24F slab	6 d				24F slab		
48	25F slab	6 d				25F slab		
49	26F slab	6 d				26F slab		
50	27F slab	6 d				27F slab		
51	28F slab	6 d				28F slab		
52	29F slab	6 d				29F slab		
53	30F slab	6 d				30F slab		
54	31F slab	6 d				31F slab		
55	32F slab	6 d				32F slab		
56	33F slab	6 d				33F slab		
57	34F slab	6 d				34F slab		
58	35F slab	6 d				35F slab		
59	36F slab	6 d				36F slab		
60	37F slab	6 d				37F slab		
61	38F slab	6 d				38F slab		
62	39F slab	6 d				39F slab		
63	Roof slab	10 d				Roof slab		
64	PH1	10 d				PH1		
65	PH2	10 d				PH2		
66	파감공사	365 d						

[도4]



작업 번호	작업이름	기간	진수	완료
1	1. 탐사용 오폐수 공사	1106 d	19-01-01	22-01-10
2	2. 공동가설	15 d	19-01-01	19-01-15
3	3. Project Start	0 d	19-01-01	19-01-01
4	4. 공사준비	15 d	19-01-01	19-01-15
5	5. 터파기 / 역타	510 d	19-01-16	20-06-08
6	6. H-Pile / CIP	80 d	19-01-16	19-04-05
7	7. PRD	70 d	19-04-06	19-06-14
8	8. B1 터파기 / 1F slab	50 d	19-06-15	19-08-03
9	9. B2 터파기 / B1 slab	50 d	19-08-04	19-09-22
10	10. B3 터파기 / B2 slab	50 d	19-09-23	19-11-11
11	11. B4 터파기 / B3 slab	50 d	19-11-12	19-12-31
12	12. B5 터파기 / B4 slab	50 d	20-01-01	20-02-19
13	13. B6 터파기 / B5 slab	50 d	20-02-20	20-04-09
14	14. Mat 터파기	30 d	20-04-10	20-05-09
15	15. Mat 콘크리트 타설	30 d	20-05-10	20-06-08
16	16. 지하 수직 부재	55 d	20-05-15	20-07-08
17	17. B6 코어부 / 기둥	30 d	20-06-09	20-07-08
18	18. B5 코어부 / 기둥	25 d	20-05-15	20-06-09
19	19. B4 코어부 / 기둥	25 d	20-06-09	20-07-03
20	20. B3 코어부 / 기둥	25 d	20-05-15	20-06-09
21	21. B2 코어부 / 기둥	25 d	20-06-09	20-07-03
22	22. B1 코어부 / 기둥	30 d	19-09-23	19-10-22
23	23. 지상 골조공사	811 d	19-10-23	22-01-10
24	24. 외주부	446 d	19-10-23	21-01-10
25	25. 2F slab	20 d	19-10-23	19-11-11
26	26. 3F slab	20 d	19-11-12	19-12-01
27	27. 4F slab	20 d	19-12-02	19-12-21
28	28. 5F slab	20 d	19-12-22	20-01-10

12-01 02-03 04-05 06-07 08-09 10-11 12-01 02-03 04-05 06-07 08-09

2019년

12-01 02-03 04-05 06-07 08-09 10-11 12-01 02-03 04-05 06-07 08-09

2020년

— 공동가설

Project Start

공사준비

H-Pile / CIP

PRD

B1 터파기 / 1F slab

B2 터파기 / B1 slab

B3 터파기 / B2 slab

B4 터파기 / B3 slab

B5 터파기 / B4 slab

B6 터파기 / B5 slab

Mat 터파기

Mat 콘크리트

지하 수직

B6 코어부

B5 코어부 / 기둥

B4 코어부

B3 코어부 / 기둥

B2 코어부

B1 코어부 / 기둥

지상 골조공사

외주부

2F slab

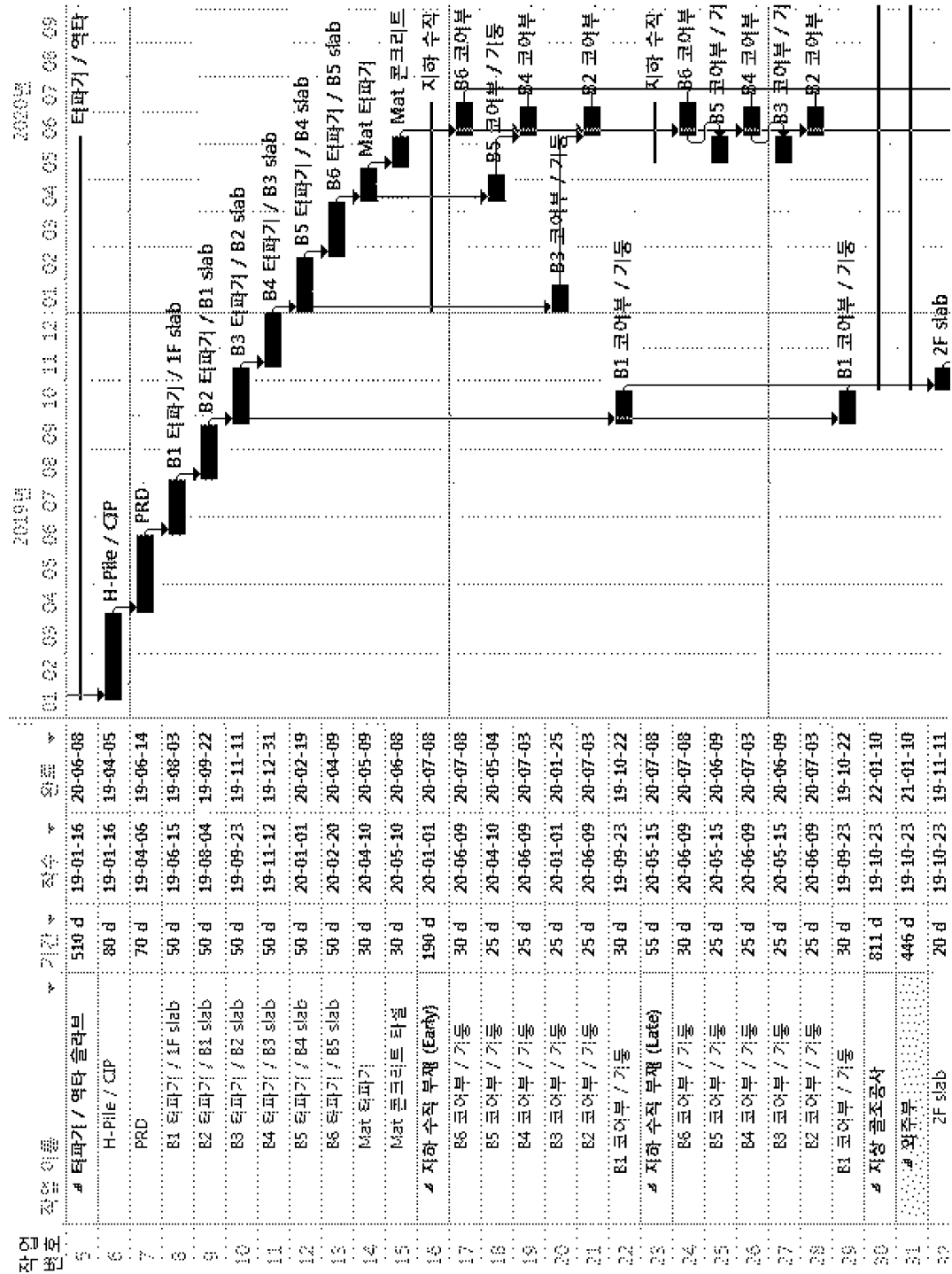
3F slab

4F slab

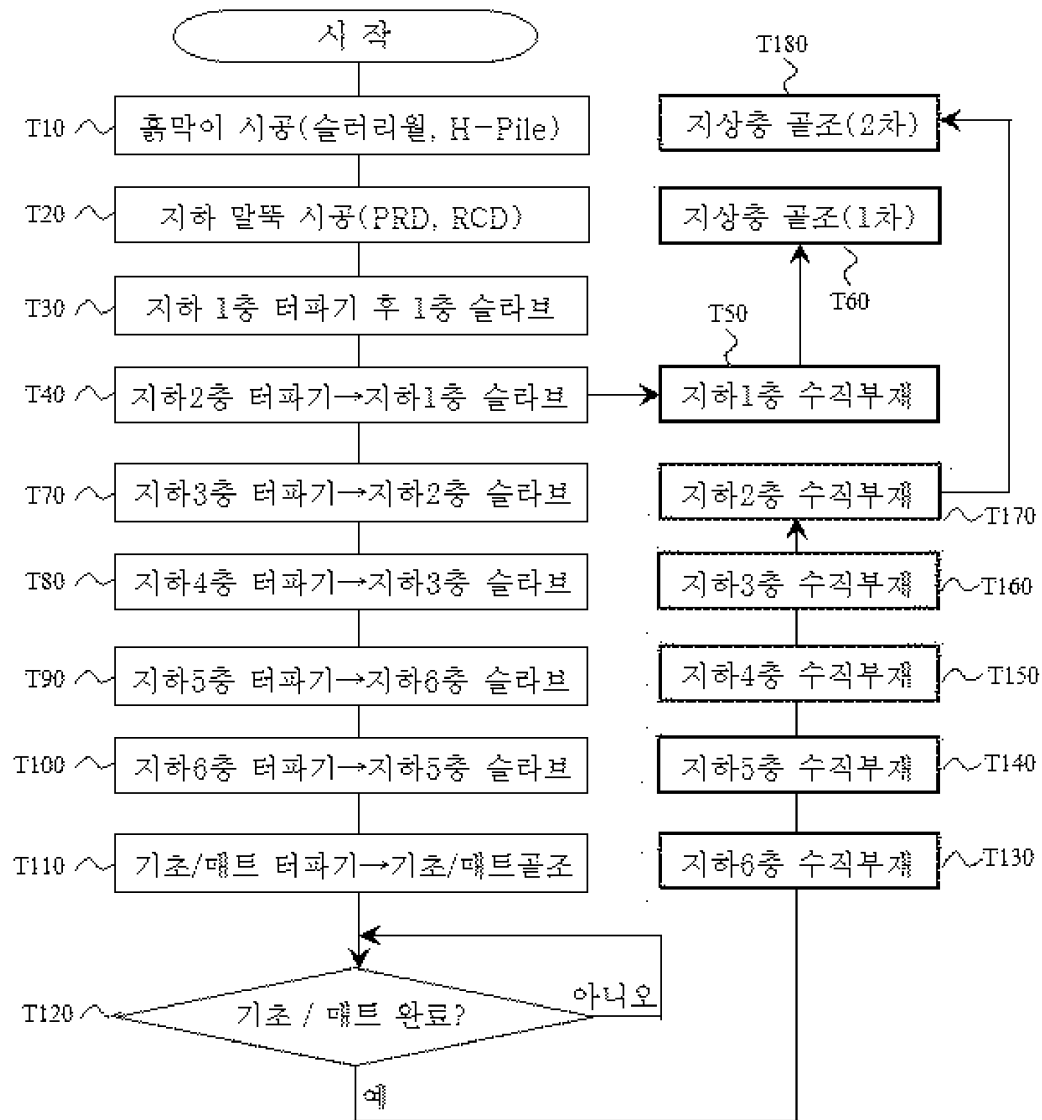
5F slab

터파기 / 역타

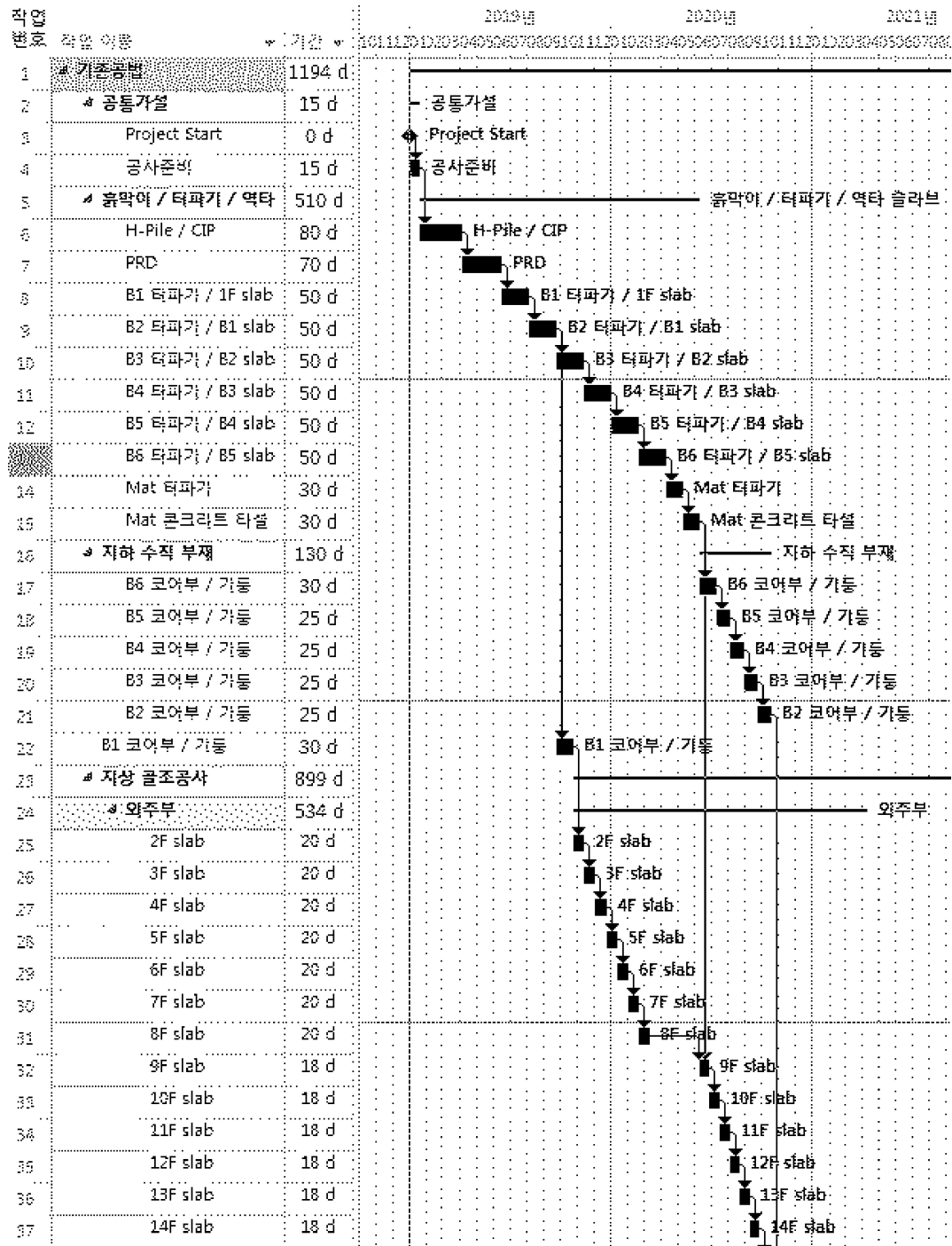
[도6]



[도7]

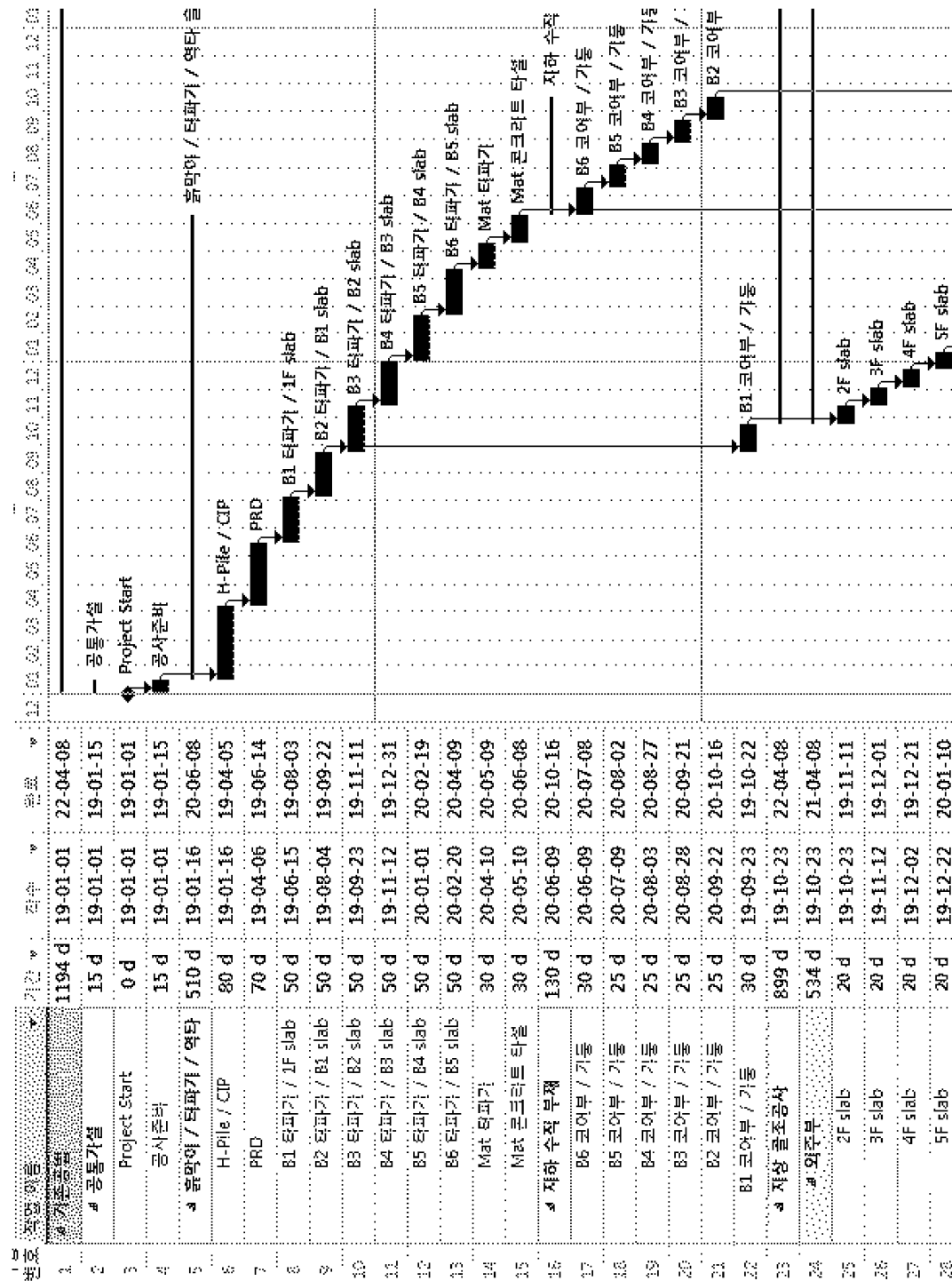


[도8]

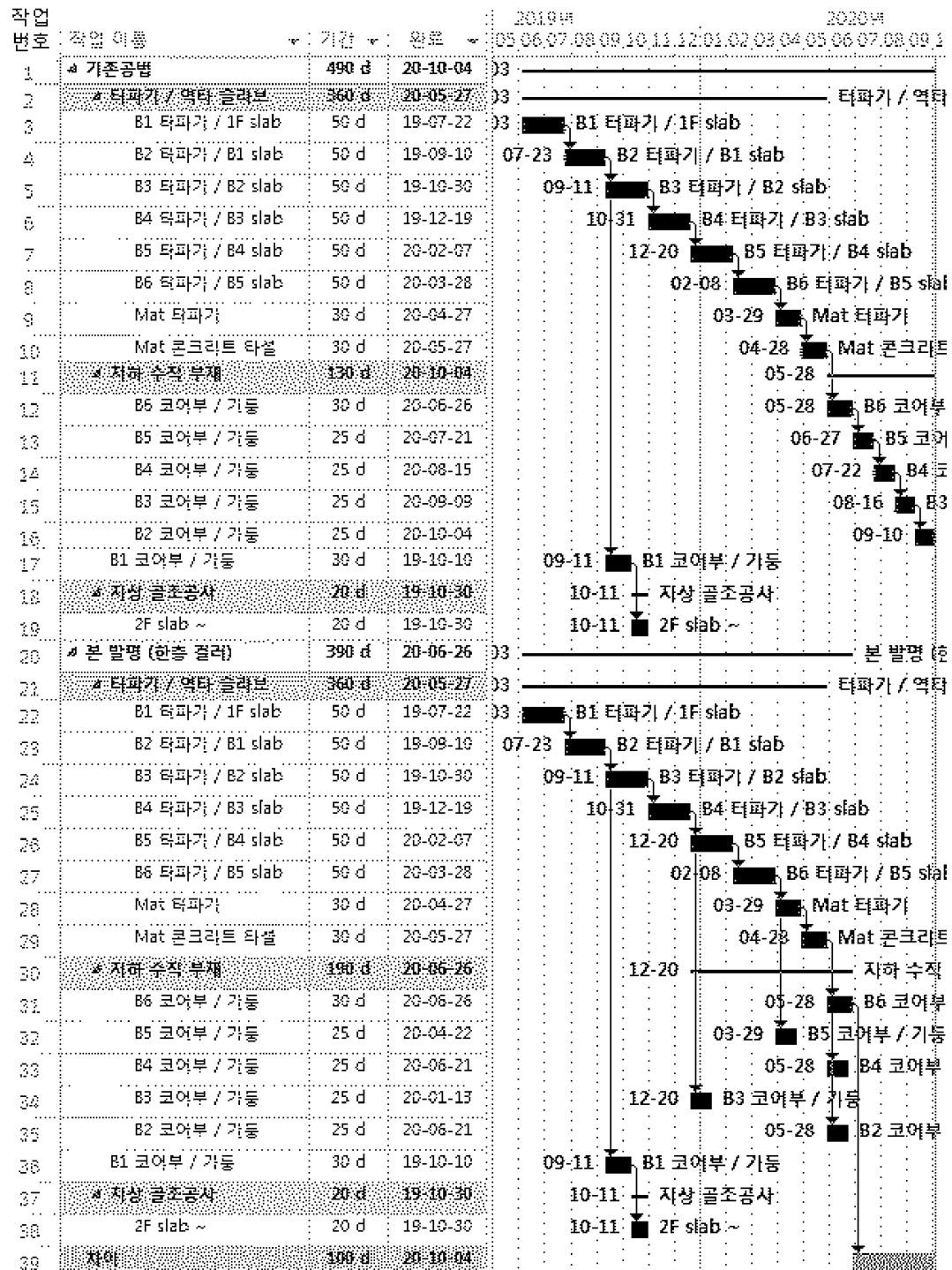


[illegible]

[도 10]



[도11]



[도12]

A	B	C	D	E	F	G	H	I
작업 번호	작업 이름	기존공법			본 발명 (한층 걸리)			완료일 차이
		기간	작수	완료	기간	작수	완료	
1	합다운 오피스 공사	1194	19-01-01	22-04-08	1106	19-01-01	22-01-19	-88
2	공통가설	15	19-01-01	19-01-15	15	19-01-01	19-01-15	0
3	Project Start	0	19-01-01	19-01-01	0	19-01-01	19-01-01	0
4	공사준비	15	19-01-01	19-01-15	15	19-01-01	19-01-15	0
5	터파기 / 역타 슬라브	510	19-01-18	20-06-08	510	19-01-18	20-06-08	0
6	H-Pile / CIP	80	19-01-18	19-04-05	80	19-01-18	19-04-05	0
7	PRD	70	19-04-06	19-05-14	70	19-04-06	19-05-14	0
8	B1 터파기 / 1F slab	50	19-06-15	19-08-03	50	19-06-15	19-08-03	0
9	B2 터파기 / B1 slab	50	19-08-04	19-09-22	50	19-08-04	19-09-22	0
10	B3 터파기 / B2 slab	50	19-09-23	19-11-11	50	19-09-23	19-11-11	0
11	B4 터파기 / B3 slab	50	19-11-12	19-12-31	50	19-11-12	19-12-31	0
12	B5 터파기 / B4 slab	50	20-01-01	20-02-19	50	20-01-01	20-02-19	0
13	B6 터파기 / B5 slab	50	20-02-20	20-04-09	50	20-02-20	20-04-09	0
14	Mat 터파기	30	20-04-10	20-05-09	30	20-04-10	20-05-09	0
15	Mat 콘크리트 타설	30	20-05-10	20-06-08	30	20-05-10	20-06-08	0
16	지하 수직 부재	130	20-06-09	20-10-16	190	20-01-01	20-07-30	-100
17	B6 코어부 / 기둥	30	20-06-09	20-07-08	30	20-06-09	20-07-08	0
18	B5 코어부 / 기둥	25	20-07-09	20-08-02	25	20-04-10	20-05-04	-90
19	B4 코어부 / 기둥	25	20-08-03	20-08-27	25	20-06-09	20-07-03	-55
20	B3 코어부 / 기둥	25	20-08-28	20-09-21	25	20-01-01	20-01-25	-240
21	B2 코어부 / 기둥	25	20-09-22	20-10-16	25	20-06-09	20-07-03	-105
22	B1 코어부 / 기둥	30	19-09-23	19-10-22	30	19-09-23	19-10-22	0
23	지상 골조공사	899	19-10-23	22-04-08	811	19-10-23	22-01-19	-88
24	외주부	534	19-10-23	21-04-08	446	19-10-23	21-01-19	-88
25	2F slab	20	19-10-23	19-11-11	20	19-10-23	19-11-11	0
26	3F slab	20	19-11-12	19-12-01	20	19-11-12	19-12-01	0
27	4F slab	20	19-12-02	19-12-21	20	19-12-02	19-12-21	0
28	5F slab	20	19-12-22	20-01-10	20	19-12-22	20-01-10	0
29	6F slab	20	20-01-11	20-01-30	20	20-01-11	20-01-30	0
30	7F slab	20	20-01-31	20-02-19	20	20-01-31	20-02-19	0
31	8F slab	20	20-02-20	20-03-10	20	20-02-20	20-03-10	0
32	9F slab	18	20-06-09	20-06-26	6	20-06-09	20-06-14	-12
33	10F slab	18	20-06-27	20-07-14	6	20-06-15	20-06-20	-24
34	11F slab	18	20-07-15	20-08-01	6	20-06-21	20-06-26	-36
35	12F slab	18	20-08-02	20-08-19	6	20-06-27	20-07-02	-48
36	13F slab	18	20-08-20	20-09-06	6	20-07-03	20-07-08	-60
37	14F slab	18	20-09-07	20-09-24	6	20-07-09	20-07-14	-72
38	15F slab	18	20-09-25	20-10-12	6	20-07-15	20-07-20	-84
39	16F slab	6	20-10-17	20-10-22	6	20-07-21	20-07-26	-88
40	17F slab	6	20-10-23	20-10-28	6	20-07-27	20-08-01	-88

[도13]

A	B	C	D	E	F	G	H	I
작업 번호	작업 이름	기존공법			본 발명 (한층 걸리)			완료일 차이
		기간	작수	완료	기간	작수	완료	
41	18F slab	6	20-10-29	20-11-03	6	20-08-02	20-08-07	-88
42	19F slab	6	20-11-04	20-11-09	6	20-08-08	20-08-13	-88
43	20F slab	6	20-11-10	20-11-15	6	20-08-14	20-08-19	-88
44	21F slab	6	20-11-16	20-11-21	6	20-08-20	20-08-25	-88
45	22F slab	6	20-11-22	20-11-27	6	20-08-26	20-08-31	-88
46	23F slab	6	20-11-28	20-12-03	6	20-09-01	20-09-06	-88
47	24F slab	6	20-12-04	20-12-09	6	20-09-07	20-09-12	-88
48	25F slab	6	20-12-10	20-12-15	6	20-09-13	20-09-18	-88
49	26F slab	6	20-12-16	20-12-21	6	20-09-19	20-09-24	-88
50	27F slab	6	20-12-22	20-12-27	6	20-09-25	20-09-30	-88
51	28F slab	6	20-12-28	21-01-02	6	20-10-01	20-10-06	-88
52	29F slab	6	21-01-03	21-01-08	6	20-10-07	20-10-12	-88
53	30F slab	6	21-01-09	21-01-14	6	20-10-13	20-10-18	-88
54	31F slab	6	21-01-15	21-01-20	6	20-10-19	20-10-24	-88
55	32F slab	6	21-01-21	21-01-26	6	20-10-25	20-10-30	-88
56	33F slab	6	21-01-27	21-02-01	6	20-10-31	20-11-05	-88
57	34F slab	6	21-02-02	21-02-07	6	20-11-06	20-11-11	-88
58	35F slab	6	21-02-08	21-02-13	6	20-11-12	20-11-17	-88
59	36F slab	6	21-02-14	21-02-19	6	20-11-18	20-11-23	-88
60	37F slab	6	21-02-20	21-02-25	6	20-11-24	20-11-29	-88
61	38F slab	6	21-02-26	21-03-03	6	20-11-30	20-12-05	-88
62	39F slab	6	21-03-04	21-03-09	6	20-12-06	20-12-11	-88
63	Roof slab	10	21-03-10	21-03-19	10	20-12-12	20-12-21	-88
64	PH1	10	21-03-20	21-03-29	10	20-12-22	20-12-31	-88
65	PH2	10	21-03-30	21-04-08	10	21-01-01	21-01-10	-88
66	마감공사	365	21-04-09	22-04-08	365	21-01-11	22-01-10	-88

[도 14]

