

**General Forming Schedule**

Formwork shall be designed to support the weight of concrete plus the weight of the formwork and the weight of the construction equipment. The design shall be based on the following assumptions:

- Concrete weight: 150 pcf
- Formwork weight: 150 pcf
- Construction equipment weight: 150 pcf
- Wind load: 15 psf
- Temperature differential: 100 F

**Analysis Results**

Member	Max. Moment (ft-k)	Max. Shear (k)	Max. Deflection (in)
Formwork	1.2	0.5	0.1
Support	2.4	1.0	0.2

**Formwork Details**

Formwork shall be supported on a minimum of 4 legs. The legs shall be spaced at a maximum of 4 feet. The formwork shall be braced against lateral movement. The bracing shall be made of 2x4 lumber. The bracing shall be attached to the formwork with 1/2" diameter bolts. The bracing shall be attached to the ground with 2x4 lumber. The bracing shall be attached to the formwork with 1/2" diameter bolts. The bracing shall be attached to the ground with 2x4 lumber.

**Formwork Schedule**

Formwork	Start	End	Duration (days)
Formwork	1/1/20	1/15/20	14
Support	1/1/20	1/15/20	14

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	1/15/20	1/30/20	15
Support	1/15/20	1/30/20	15

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	1/30/20	2/15/20	16
Support	1/30/20	2/15/20	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	2/15/20	3/1/20	17
Support	2/15/20	3/1/20	17

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	3/1/20	3/15/20	14
Support	3/1/20	3/15/20	14

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	3/15/20	3/30/20	15
Support	3/15/20	3/30/20	15

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	3/30/20	4/15/20	16
Support	3/30/20	4/15/20	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	4/15/20	4/30/20	15
Support	4/15/20	4/30/20	15

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	4/30/20	5/15/20	16
Support	4/30/20	5/15/20	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	5/15/20	5/30/20	15
Support	5/15/20	5/30/20	15

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	5/30/20	6/15/20	16
Support	5/30/20	6/15/20	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	6/15/20	6/30/20	15
Support	6/15/20	6/30/20	15

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	6/30/20	7/15/20	16
Support	6/30/20	7/15/20	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	7/15/20	7/30/20	15
Support	7/15/20	7/30/20	15

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	7/30/20	8/15/20	16
Support	7/30/20	8/15/20	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	8/15/20	8/30/20	15
Support	8/15/20	8/30/20	15

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	8/30/20	9/15/20	16
Support	8/30/20	9/15/20	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	9/15/20	9/30/20	15
Support	9/15/20	9/30/20	15

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	9/30/20	10/15/20	16
Support	9/30/20	10/15/20	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	10/15/20	10/30/20	15
Support	10/15/20	10/30/20	15

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	10/30/20	11/15/20	16
Support	10/30/20	11/15/20	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	11/15/20	11/30/20	15
Support	11/15/20	11/30/20	15

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	11/30/20	12/15/20	16
Support	11/30/20	12/15/20	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	12/15/20	12/30/20	15
Support	12/15/20	12/30/20	15

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	12/30/20	1/15/21	16
Support	12/30/20	1/15/21	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	1/15/21	1/30/21	15
Support	1/15/21	1/30/21	15

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	1/30/21	2/15/21	16
Support	1/30/21	2/15/21	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	2/15/21	2/28/21	14
Support	2/15/21	2/28/21	14

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	2/28/21	3/15/21	16
Support	2/28/21	3/15/21	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	3/15/21	3/30/21	15
Support	3/15/21	3/30/21	15

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	3/30/21	4/15/21	16
Support	3/30/21	4/15/21	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	4/15/21	4/30/21	15
Support	4/15/21	4/30/21	15

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	4/30/21	5/15/21	16
Support	4/30/21	5/15/21	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	5/15/21	5/30/21	15
Support	5/15/21	5/30/21	15

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	5/30/21	6/15/21	16
Support	5/30/21	6/15/21	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	6/15/21	6/30/21	15
Support	6/15/21	6/30/21	15

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	6/30/21	7/15/21	16
Support	6/30/21	7/15/21	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	7/15/21	7/30/21	15
Support	7/15/21	7/30/21	15

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	7/30/21	8/15/21	16
Support	7/30/21	8/15/21	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	8/15/21	8/30/21	15
Support	8/15/21	8/30/21	15

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	8/30/21	9/15/21	16
Support	8/30/21	9/15/21	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	9/15/21	9/30/21	15
Support	9/15/21	9/30/21	15

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	9/30/21	10/15/21	16
Support	9/30/21	10/15/21	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	10/15/21	10/30/21	15
Support	10/15/21	10/30/21	15

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
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Support	10/30/21	11/15/21	16

**Formwork Schedule (continued)**

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Support	11/15/21	11/30/21	15

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
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Support	11/30/21	12/15/21	16

**Formwork Schedule (continued)**

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Support	12/15/21	12/30/21	15

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	12/30/21	1/15/22	16
Support	12/30/21	1/15/22	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	1/15/22	1/30/22	15
Support	1/15/22	1/30/22	15

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	1/30/22	2/15/22	16
Support	1/30/22	2/15/22	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	2/15/22	2/28/22	14
Support	2/15/22	2/28/22	14

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	2/28/22	3/15/22	16
Support	2/28/22	3/15/22	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	3/15/22	3/30/22	15
Support	3/15/22	3/30/22	15

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	3/30/22	4/15/22	16
Support	3/30/22	4/15/22	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
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Support	4/15/22	4/30/22	15

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
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Support	4/30/22	5/15/22	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
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Support	5/15/22	5/30/22	15

**Formwork Schedule (continued)**

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Support	6/15/22	6/30/22	15

**Formwork Schedule (continued)**

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**Formwork Schedule (continued)**

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**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
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Support	7/30/22	8/15/22	16

**Formwork Schedule (continued)**

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**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
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Support	8/30/22	9/15/22	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	9/15/22	9/30/22	15
Support	9/15/22	9/30/22	15

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	9/30/22	10/15/22	16
Support	9/30/22	10/15/22	16

**Formwork Schedule (continued)**

Formwork	Start	End	Duration (days)
Formwork	10/15/22	10/30/22	15
Support	10/15/22	10/30/22	15

**Formwork Schedule (continued)**

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