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2.

2.1. ( . , , - , , , )

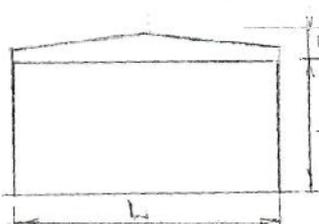
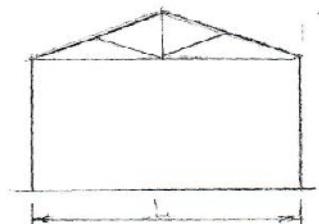
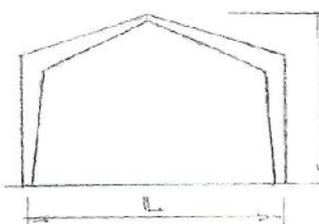
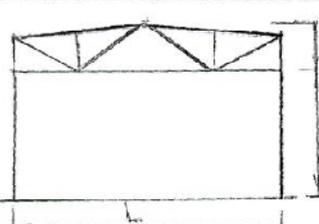
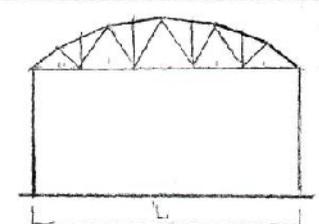
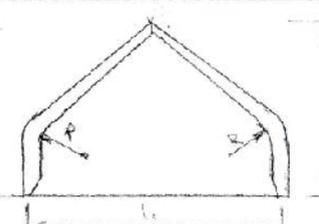
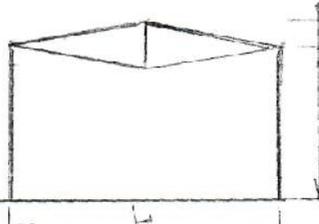
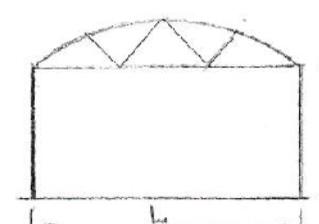
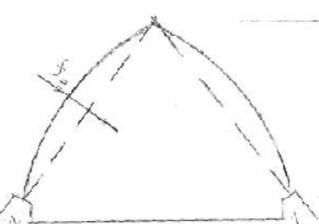
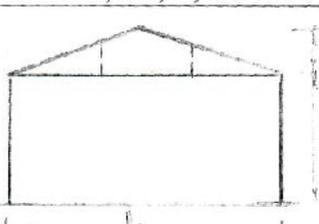
2.2. (I,II,III, );

2.3. - ( 1 2 3 1 2 3 )

2.4. (3, 4, 5, 6, 7, 8, 9 )

2.5. (4,0; 4,2; 4,8;5,0; 5,2; 6,0; 8,0; 9,0; 12 \_\_\_\_\_).

### 3. КОНСТРУКТИВНЫЕ СХЕМЫ ЗДАНИЙ

1	2	3
 <p>Балка: а)клееная из досок б)клефанерная</p>	 <p>Ферма треугольная</p>	 <p>Рама из прямолинейных элементов</p>
L = 12, 15, 18 м	L = 12, 15, 18, 21, 24 м	L = 12, 15, 18 м
4	5	6
 <p>Полигональная ферма</p>	 <p>Многоугольная брусчатая ферма</p>	 <p>Гнутоклееная рама</p>
L = 12, 15, 18, 21 м	L=12,15,18,21,24,27,30м	L = 1,2 15, 18, 21, 24 м
7	8	9
 <p>Ферма шпренгельного типа</p>	 <p>Сегментная ферма с клееным верхним поясом</p>	 <p>Стрельчатая арка</p>
L = 12, 15, 1, 21 м	L = 12,15,18,21,24,30 м	L=15,18,21,24,30,36,45м
10	11	12
 <p>Распорная система треугольного очертания</p>	 <p>Арка с затяжкой</p>	<p>Конструкция по индивидуальному заданию</p>
L = 12, 15, 18, 24 м	L=12, 15, 18, 21, 24, 30 м	L =

4.

\*

4.1.

	( 30, 40, 50, 60, 100 / 3)				
				OSB	
		) , ) -	-	) , ) - )	-
	1	2	3	4	5

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6.

- : — ,

- ( 1:200, 1:300);

- ( 1:200, 1:400);

- ( 1:20, 1:25);

- ( 1:10);

- ( 1:10; 1:20);

- ( 1:200, 1:400);  
2

- , 3 , ;

- , , , , .



8.

					3	
					1	3

( )						
					1	

9.

1. . . . . - :
2. . . . . , 2004. .
3. II-25-80. .- : , 1991. /
4. - : , 1982. ( II 25-80) –
5. :: , 1986. . :: , 2003.
6. 2.01.07-85\*.
7. . . . . .- :
8. . . . . , 2002.

## 24454-80

16	75	100	125	150	-	-	-	-	-
19	75	100	125	150	175	-	-	-	-
22	75	100	125	150	175	200	225		
25	75	100	125	150	175	200	225	250	275
32	75	100	125	150	175	200	225	250	275
40	75	100	125	150	175	200	225	250	275
44	75	100	125	150	175	200	225	250	275
50	75	100	125	150	175	200	225	250	275
60	75	100	125	150	175	200	225	250	275
75	75	100	125	150	175	200	225	250	275
100	2	100	125	150	175	200	225	250	275
125	-	-	125	150	175	200	225	250	-
150	-	-	-	150	175	200	225	250	-
175	-	-	-	-	175	200	225	250	-
200	-	-	-	-	-	200	225	250	-
250	-	-	-	-	-	-	-	250	-

. 1,0 6,5 ,25 ;  
:  
- +50, -250 ;  
- 32 ± 1,0, 40 100 ± 3,0 .

2

1. (Katepal) . - 4,3 / <sup>2</sup>
2. ( Onduline) - 3,2 / <sup>2</sup>
3. - 3,7 / <sup>2</sup>
4. 24045 94 - 8,8-11,1 / <sup>2</sup>
- 5.

1. ( , ) - 24454 - 80
- 2.
3. (LVL Laminated Veneer Lamber)
4. : 2,5 – 18 ; 160 – 1800 ; 21 – 75  
3916.1-96 1

5. ; 1525/1525 : 1380/1525 ; 3050/1525 ; 1220/2440  
 ( (OSB  
 Oriented Strand Board ) =640 / <sup>3</sup>; =0,14 / <sup>0</sup>  
 : 1220/2440; 1220/3660; 915/1830 , 6-38

1. ISOVER : ,  
 : 1000/600/50-200 . =35-50 / <sup>3</sup>, =0.036 / <sup>0</sup>,

2. ROKWOOL 9573-96  
 : 1000/600/50-200 =30-40 / <sup>3</sup>, =0,039 / <sup>0</sup>

1. :
2. : -350, -300, -250
3. 40,60 μk
4. (IZOSPAN)

- 110 / <sup>2</sup>

, - 70 / <sup>2</sup>

, - 90 / <sup>2</sup>