

▲Setto : 2915 3064 3065 2916 / Sezione 31

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-16604.9	0.0	0.9	0.05
Sommità	12	-12490.3	0.0	1522.6	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-11545.4	0.0	0.5	-7.0
sc Med	26	-11545.4	0.0	0.5	-7.0
st	24	-11545.4	0.0	0.5	-105.7
sc	26	-11545.4	0.0	0.5	-105.7
Sommità					
sc Max	26	-11545.4	0.0	0.5	-7.0
sc Med	26	-11545.4	0.0	0.5	-7.0
st	24	-11545.4	0.0	0.5	-105.7
sc	26	-11545.4	0.0	0.5	-105.7

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	V _{ed} [kg]	V _{accidentale} V _e [kg]	V _e [kg]
2915-3065	12	-6131.9	1.00	-6131.9	-12734.8	15.8	62910.7	18719.9	43937.7

▲Setto : 3064 3214 3215 3065 / Sezione 31

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-15905.9	0.0	0.9	0.05
Sommità	12	-10540.8	0.0	1481.0	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-11074.0	0.0	0.5	-6.8
sc Med	26	-11074.0	0.0	0.5	-6.8
st	24	-11074.0	0.0	0.5	-101.3
sc	26	-11074.0	0.0	0.5	-101.4
Sommità					
sc Max	26	-11074.0	0.0	0.5	-6.8
sc Med	26	-11074.0	0.0	0.5	-6.8
st	24	-11074.0	0.0	0.5	-101.3
sc	26	-11074.0	0.0	0.5	-101.4

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	V _{ed} [kg]	V _{accidentale} V _e [kg]	V _e [kg]
3064-3215	12	-5945.7	1.00	-5945.7	-12134.8	-12.0	62910.7	18719.9	43138.4

▲Setto : 3214 3363 3364 3215 / Sezione 31

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	V _{ed} [kg]	V _{accidentale} V _e [kg]	V _e [kg]
6256-2617	12	-6152.2	1.00	-6152.2	-13726.8	24.8	62910.7	18719.9	44111.6

▲Setto : 2616 2765 2766 2617 / Sezione 31

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-17729.9	0.0	8.7	0.05
Sommità	12	-11749.5	0.0	1549.5	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-12298.7	0.0	5.8	-7.5
sc Med	26	-12298.7	0.0	5.8	-7.5
st	24	-12298.7	0.0	5.8	-112.1
sc	26	-12298.7	0.0	5.8	-113.1
Sommità					
sc Max	26	-12298.7	0.0	5.8	-7.5
sc Med	26	-12298.7	0.0	5.8	-7.5
st	24	-12298.7	0.0	5.8	-112.1
sc	26	-12298.7	0.0	5.8	-113.1

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	V _{ed} [kg]	V _{accidentale} V _e [kg]	V _e [kg]
2616-2766	12	-6288.1	1.00	-6288.1	-13502.0	22.6	62910.7	18719.9	43973.6

▲Setto : 2765 2915 2916 2766 / Sezione 31

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-17245.4	0.0	4.4	0.05
Sommità	12	-12999.6	0.0	1551.8	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-11975.5	0.0	2.9	-7.3
sc Med	26	-11975.5	0.0	2.9	-7.3
st	24	-11975.5	0.0	2.9	-109.4
sc	26	-11975.5	0.0	2.9	-109.9
Sommità					
sc Max	26	-11975.5	0.0	2.9	-7.3
sc Med	26	-11975.5	0.0	2.9	-7.3
st	24	-11975.5	0.0	2.9	-109.4
sc	26	-11975.5	0.0	2.9	-109.9

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	V _{ed} [kg]	V _{accidentale} V _e [kg]	V _e [kg]
2765-2916	12	-6280.0	1.00	-6280.0	-13241.6	23.1	62910.7	18719.9	43818.2

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-9875.0	0.0	-1.7	-6.0
sc Med	26	-9875.0	0.0	-1.7	-6.0
st	24	-9875.0	0.0	-1.7	-90.3
sc	26	-9875.0	0.0	-1.7	-90.5
Sommia					
sc Max	26	-9875.0	0.0	-1.7	-6.0
sc Med	26	-9875.0	0.0	-1.7	-6.0
st	24	-9875.0	0.0	-1.7	-90.3
sc	26	-9875.0	0.0	-1.7	-90.5

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{12d} [kgm]	V _{12d} [kg]	V _{13d} [kg]	V _{12d+13d+14} [kg]	V _e
3513 6807	12	-5451.1	1.00	-5451.1	-9603.5	-12.4	62910.7	18719.9	41620.1	0.29

▲Verifiche a Taglio

▲Setto : 6174 3662 3663 6807 / Sezione 41

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-13549.6	0.0	6.6	0.04
Sommia	12	-8427.5	0.0	1204.3	0.05

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-9369.5	0.0	4.2	-5.7
sc Med	26	-9369.5	0.0	4.2	-5.7
st	24	-9369.5	0.0	4.2	-85.4
sc	26	-9369.5	0.0	4.2	-86.1
Sommia					
sc Max	26	-9369.5	0.0	4.2	-5.7
sc Med	26	-9369.5	0.0	4.2	-5.7
st	24	-9369.5	0.0	4.2	-85.4
sc	26	-9369.5	0.0	4.2	-86.1

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{12d} [kgm]	V _{12d} [kg]	V _{13d} [kg]	V _{12d+13d+14} [kg]	V _e
6374 3663	12	-4812.5	1.00	-4812.5	-8677.0	-8.6	62910.7	18719.9	41058.8	0.26

▲Setto : 3662 3812 3813 3663 / Sezione 41

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-13313.8	0.0	4.8	0.04
Sommia	12	-8206.7	0.0	1187.5	0.05

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-9208.0	0.0	2.9	-5.6
sc Med	26	-9208.0	0.0	2.9	-5.6
st	24	-9208.0	0.0	2.9	-84.0
sc	26	-9208.0	0.0	2.9	-84.5

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-15145.5	0.0	4.5	0.05
Sommia	12	-10012.8	0.0	1439.1	0.06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-10559.3	0.0	3.0	-6.5
sc Med	26	-10559.3	0.0	3.0	-6.4
st	24	-10559.3	0.0	3.0	-96.4
sc	26	-10559.3	0.0	3.0	-96.9
Sommia					
sc Max	26	-10559.3	0.0	3.0	-6.5
sc Med	26	-10559.3	0.0	3.0	-6.4
st	24	-10559.3	0.0	3.0	-96.4
sc	26	-10559.3	0.0	3.0	-96.9

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{12d} [kgm]	V _{12d} [kg]	V _{13d} [kg]	V _{12d+13d+14} [kg]	V _e
3214 3364	12	-5764.5	1.00	-5764.5	-11527.8	-8.8	62910.7	18719.9	42769.4	0.31

▲Setto : 3363 3513 3514 3364 / Sezione 31

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-14330.8	0.0	-0.8	0.04
Sommia	12	-9402.2	0.0	1390.5	0.06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-10042.6	0.0	-0.6	-6.1
sc Med	26	-10042.6	0.0	-0.6	-6.1
st	24	-10042.6	0.0	-0.6	-91.9
sc	26	-10042.6	0.0	-0.6	-92.0
Sommia					
sc Max	26	-10042.6	0.0	-0.6	-6.1
sc Med	26	-10042.6	0.0	-0.6	-6.1
st	24	-10042.6	0.0	-0.6	-91.9
sc	26	-10042.6	0.0	-0.6	-92.0

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{12d} [kgm]	V _{12d} [kg]	V _{13d} [kg]	V _{12d+13d+14} [kg]	V _e
3363 3514	12	-5567.4	1.00	-5567.4	-10943.2	-11.9	62910.7	18719.9	42423.2	0.30

▲Setto : 3513 6174 6807 3514 / Sezione 31

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-14158.1	0.0	-2.3	0.04
Sommia	12	-9259.0	0.0	1365.0	0.06

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{ed} [kg]	V _{ed,estremo} V _d [kg]
3961.4112	12	-4438.9	1.00	-4438.9	-7476.2	-13.6	62910.7	18719.9
								40945.6

▲Setto : 4111 4260 4261 4112 / Sezione 41

▲Armature su ogni faccia Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-10710.5	0.0	-0.1	0.03
Sommila	12	-6683.3	0.0	1086.8	0.05

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-7449.1	0.0	-0.5	-4.5
sc Med	26	-7449.1	0.0	-0.5	-4.5
st	24	-7449.1	0.0	-0.5	-68.2
sc	26	-7449.1	0.0	-0.5	-68.2
Sommila					
sc Max	26	-7449.1	0.0	-0.5	-4.5
sc Med	26	-7449.1	0.0	-0.5	-4.5
st	24	-7449.1	0.0	-0.5	-68.2
sc	26	-7449.1	0.0	-0.5	-68.2

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{ed} [kg]	V _{ed,estremo} V _d [kg]
4111.4261	12	-4312.7	1.00	-4312.7	-6887.0	-14.3	62910.7	18719.9
								39992.9

▲Setto : 4260 4410 4411 4261 / Sezione 41

▲Armature su ogni faccia Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-9737.0	0.0	4.6	0.03
Sommila	12	-6076.3	0.0	1071.7	0.05

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-6790.8	0.0	2.7	-4.2
sc Med	26	-6790.8	0.0	2.7	-4.1
st	24	-6790.8	0.0	2.7	-61.9
sc	26	-6790.8	0.0	2.7	-62.4
Sommila					
sc Max	26	-6790.8	0.0	2.7	-4.2
sc Med	26	-6790.8	0.0	2.7	-4.1
st	24	-6790.8	0.0	2.7	-61.9
sc	26	-6790.8	0.0	2.7	-62.4

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{ed} [kg]	V _{ed,estremo} V _d [kg]
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▲Verifiche a Taglio

Sommila								
sc Max	26	-9208.0	0.0	2.9	-5.6			
sc Med	26	-9208.0	0.0	2.9	-5.6			
st	24	-9208.0	0.0	2.9	-84.0			
sc	26	-9208.0	0.0	2.9	-84.5			

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{ed} [kg]	V _{ed,estremo} V _d [kg]
3812.3962	12	-4739.8	1.00	-4739.8	-8431.7	-10.0	62910.7	18719.9
								40913.6

▲Setto : 3812 3961 3962 3813 / Sezione 41

▲Armature su ogni faccia Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-12505.5	0.0	-1.3	0.04
Sommila	12	-7812.6	0.0	1154.8	0.05

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-8661.6	0.0	-1.3	-5.3
sc Med	26	-8661.6	0.0	-1.3	-5.3
st	24	-8661.6	0.0	-1.3	-79.2
sc	26	-8661.6	0.0	-1.3	-79.4
Sommila					
sc Max	26	-8661.6	0.0	-1.3	-5.3
sc Med	26	-8661.6	0.0	-1.3	-5.3
st	24	-8661.6	0.0	-1.3	-79.2
sc	26	-8661.6	0.0	-1.3	-79.4

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{ed} [kg]	V _{ed,estremo} V _d [kg]
3812.3962	12	-4605.8	1.00	-4605.8	-8014.7	-11.7	62910.7	18719.9
								40665.8

▲Setto : 3961 4111 4112 3962 / Sezione 41

▲Armature su ogni faccia Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-31621.3	0.0	-2.0	0.03
Sommila	12	-7275.8	0.0	1116.7	0.05

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-8064.5	0.0	-1.8	-4.9
sc Med	26	-8064.5	0.0	-1.8	-4.9
st	24	-8064.5	0.0	-1.8	-73.7
sc	26	-8064.5	0.0	-1.8	-74.0
Sommila					
sc Max	26	-8064.5	0.0	-1.8	-4.9
sc Med	26	-8064.5	0.0	-1.8	-4.9
st	24	-8064.5	0.0	-1.8	-73.7
sc	26	-8064.5	0.0	-1.8	-74.0

4269.4411 | 12 | -4249.9 | 1.00 | -4249.9 | -6383.4 | -14.3 | 62910.7 | 18719.9 | 39630.7 | 0.23 |

▲Setto : 4410 4559 4560 4411 / Sezione 41

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-8794.2	0.0	-1.7	0.03
Sommità	12	-5493.4	0.0	1066.1	0.05

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-61.495	0.0	-1.5	-3.8
sc Med	26	-61.495	0.0	-1.5	-3.8
st	24	-61.495	0.0	-1.5	-56.2
sc	26	-61.495	0.0	-1.5	-56.4
Sommità					
sc Max	26	-61.495	0.0	-1.5	-3.8
sc Med	26	-61.495	0.0	-1.5	-3.8
st	24	-61.495	0.0	-1.5	-56.2
sc	26	-61.495	0.0	-1.5	-56.4

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} massimo [kg]	V _d
4410 4560	12	-4228.1	1.00	-4228.1	-5722.4	-15.5	62910.7	18719.9	39295.8	0.23

▲Setto : 4559 6169 6507 4560 / Sezione 41

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-8511.6	0.0	-3.1	0.03
Sommità	12	-5045.0	0.0	1072.5	0.05

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-5951.8	0.0	-2.5	-3.7
sc Med	26	-5951.8	0.0	-2.5	-3.6
st	24	-5951.8	0.0	-2.5	-54.3
sc	26	-5951.8	0.0	-2.5	-54.7
Sommità					
sc Max	26	-5951.8	0.0	-2.5	-3.7
sc Med	26	-5951.8	0.0	-2.5	-3.6
st	24	-5951.8	0.0	-2.5	-54.3
sc	26	-5951.8	0.0	-2.5	-54.7

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} massimo [kg]	V _d
4559 6507	12	-4246.6	1.00	-4246.6	-5304.1	-16.3	62910.7	18719.9	39486.0	0.23

▲Setto : 6169 4709 4710 6507 / Sezione 51

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

st	24	-2079.3	0.0	-6.2	-18.5
sc	26	-2079.3	0.0	-6.2	-19.6
Sommità					
sc Max	26	-2079.3	0.0	-6.2	-1.3
sc Med	26	-2079.3	0.0	-6.2	-1.3
st	24	-2079.3	0.0	-6.2	-18.5
sc	26	-2079.3	0.0	-6.2	-19.6

▲Verifiche a Taglio

Nodi	Comb.	V _t [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{ed,armatura} [kg]	V _t [kg]
5157 5308	16	3090.9	1.00	3090.9	-2263.6	779.3	62910.7	18719.9	16111.3

▲Setto : 5307 5456 5457 5308 / Sezione 51

▲Armature su ogni faccia Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	Sd/Sr
Base	12	-1929.8	0.0	-36.8	0.01
Sommità	16	123.4	0.0	848.4	0.11

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	21	-874.4	0.0	-12.6	-0.6
sc Med	21	-874.4	0.0	-12.6	-0.5
st	20	-839.2	0.0	-12.8	-6.6
sc	21	-874.4	0.0	-12.6	-9.1
Sommità					
sc Max	21	-874.4	0.0	-12.6	-0.6
sc Med	21	-874.4	0.0	-12.6	-0.5
st	20	-839.2	0.0	-12.8	-6.6
sc	21	-874.4	0.0	-12.6	-9.1

▲Verifiche a Taglio

Nodi	Comb.	V _t [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{ed,armatura} [kg]	V _t [kg]
5307 5457	16	3339.2	1.00	3339.2	123.4	848.4	62910.7	18719.9	14823.4

▲Setto : 5456 5606 5607 5457 / Sezione 51

▲Armature su ogni faccia Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	Sd/Sr
Base	17	1959.9	0.0	8.1	0.06
Sommità	16	1796.4	0.0	1005.1	0.18

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	24	395.0	0.0	-40.7	0.1
sc Med	20	582.2	0.0	-43.0	0.0
st	26	395.0	0.0	-40.7	75.6
sc	24	395.0	0.0	-40.7	9.9
Sommità					
sc Max	24	395.0	0.0	-40.7	0.1
sc Med	20	582.2	0.0	-43.0	0.0
st	26	395.0	0.0	-40.7	75.6

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-4068.3	0.0	-2.4	-2.5
sc Med	26	-4068.3	0.0	-2.4	-2.5
st	24	-4068.3	0.0	-2.4	-37.0
sc	26	-4068.3	0.0	-2.4	-37.5
Sommità					
sc Max	26	-4068.3	0.0	-2.4	-2.5
sc Med	26	-4068.3	0.0	-2.4	-2.5
st	24	-4068.3	0.0	-2.4	-37.0
sc	26	-4068.3	0.0	-2.4	-37.5

▲Verifiche a Taglio

Nodi	Comb.	V _t [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{ed,armatura} [kg]	V _t [kg]
4858 5009	16	-3275.1	1.00	-3275.1	-4697.5	8.8	62910.7	18719.9	38674.4

▲Setto : 5008 5157 5158 5009 / Sezione 51

▲Armature su ogni faccia Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-4407.9	0.0	-3.5	0.01
Sommità	13	-2339.5	0.0	-706.4	0.04

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-3117.9	0.0	-3.3	-1.9
sc Med	26	-3117.9	0.0	-3.3	-1.9
st	24	-3117.9	0.0	-3.3	-28.3
sc	26	-3117.9	0.0	-3.3	-28.8
Sommità					
sc Max	26	-3117.9	0.0	-3.3	-1.9
sc Med	26	-3117.9	0.0	-3.3	-1.9
st	24	-3117.9	0.0	-3.3	-28.3
sc	26	-3117.9	0.0	-3.3	-28.8

▲Verifiche a Taglio

Nodi	Comb.	V _t [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{ed,armatura} [kg]	V _t [kg]
5008 5158	16	-3087.7	1.00	-3087.7	-3672.6	7.4	62910.7	18719.9	38054.4

▲Setto : 5157 5307 5308 5158 / Sezione 51

▲Armature su ogni faccia Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	-2807.8	0.0	-22.1	0.01
Sommità	16	-1263.6	0.0	779.3	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-2079.3	0.0	-6.2	-1.3
sc Med	26	-2079.3	0.0	-6.2	-1.3

	V _u [kg]	V _u [kg]	N _u [kg]	M _u [kg]	V _u [kg]	V _u [kg]	V _u [kg]
3059 3210	12	-7390.0	1.00	-7390.0	-12.667.4	-17.5	62910.7
							18719.9
							43465.6
							0.39

▲Setto : 3209 3358 3359 3210 / Sezione 31

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _u [kg]	M _u [kgm]	M _u [kgm]	Sd/Sr
Base	1	-15615.5	0.0	-15.3	0.05
Sommità	12	-11960.7	0.0	1839.7	0.08

S.L.E.	Combinazione	N [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm²]
Base					
sc Max	26	-10895.6	0.0	-11.0	-6.7
sc Med	26	-10895.6	0.0	-11.0	-6.6
st	24	-10895.6	0.0	-11.0	-98.8
sc	26	-10895.6	0.0	-11.0	-100.7
Sommità					
sc Max	26	-10895.6	0.0	-11.0	-6.7
sc Med	26	-10895.6	0.0	-11.0	-6.6
st	24	-10895.6	0.0	-11.0	-98.8
sc	26	-10895.6	0.0	-11.0	-100.7

▲Verifiche a Taglio

Nodi	Comb.	V _u [kg]	α	V _u [kg]	N _u [kg]	M _u [kg]	V _u [kg]	V _u [kg]	V _u [kg]
3209 3359	12	-7341.7	1.00	-7341.7	-12.126.5	-21.3	62910.7	18719.9	43147.7
									0.39

▲Setto : 3358 3508 3509 3359 / Sezione 31

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _u [kg]	M _u [kgm]	M _u [kgm]	Sd/Sr
Base	1	-14858.1	0.0	-9.6	0.04
Sommità	12	-11301.0	0.0	1751.5	0.08

S.L.E.	Combinazione	N [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm²]
Base					
sc Max	26	-10368.3	0.0	-6.8	-6.4
sc Med	26	-10368.3	0.0	-6.8	-6.3
st	24	-10368.3	0.0	-6.8	-94.3
sc	26	-10368.3	0.0	-6.8	-95.5
Sommità					
sc Max	26	-10368.3	0.0	-6.8	-6.4
sc Med	26	-10368.3	0.0	-6.8	-6.3
st	24	-10368.3	0.0	-6.8	-94.3
sc	26	-10368.3	0.0	-6.8	-95.5

▲Verifiche a Taglio

Nodi	Comb.	V _u [kg]	α	V _u [kg]	N _u [kg]	M _u [kg]	V _u [kg]	V _u [kg]	V _u [kg]
3358 3509	12	-7001.5	1.00	-7001.5	-11.492.2	-17.0	62910.7	18719.9	42759.9
									0.37

▲Setto : 3508 6222 6352 3509 / Sezione 31

sc	24	395.0	0.0	-40.7	9.9
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▲Verifiche a Taglio

Nodi	Comb.	V _u [kg]	α	V _u [kg]	N _u [kg]	M _u [kg]	V _u [kg]	V _u [kg]	V _u [kg]
5455 6107	16	-3863.1	1.00	-3863.1	1444.5	-2.0	62910.7	18719.9	10941.3
									0.37

▲Setto : 5606 6106 6107 5607 / Sezione 51

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _u [kg]	M _u [kgm]	M _u [kgm]	Sd/Sr
Base	17	3048.1	0.0	82.9	0.10
Sommità	16	3035.7	0.0	1235.6	0.24

S.L.E.	Combinazione	N [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm²]
Base					
sc Max	24	1180.1	0.0	-32.4	6.3
sc Med	20	1452.1	0.0	-30.1	0.0
st	26	1180.1	0.0	-32.4	153.9
sc	24	1180.1	0.0	-32.4	101.6
Sommità					
sc Max	24	1180.1	0.0	-32.4	6.3
sc Med	20	1452.1	0.0	-30.1	0.0
st	26	1180.1	0.0	-32.4	153.9
sc	24	1180.1	0.0	-32.4	101.6

▲Verifiche a Taglio

Nodi	Comb.	V _u [kg]	α	V _u [kg]	N _u [kg]	M _u [kg]	V _u [kg]	V _u [kg]	V _u [kg]
5606 6107	16	-4602.6	1.00	-4602.6	2451.7	51.8	62910.7	18719.9	10541.3
									0.44

▲Setto : 3059 3209 3210 3060 / Sezione 31

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _u [kg]	M _u [kgm]	M _u [kgm]	Sd/Sr
Base	1	-16238.3	0.0	-7.4	0.05
Sommità	12	-12499.2	0.0	18431	0.08

S.L.E.	Combinazione	N [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm²]
Base					
sc Max	26	-11323.8	0.0	-5.4	-6.9
sc Med	26	-11323.8	0.0	-5.4	-6.9
st	24	-11323.8	0.0	-5.4	-103.2
sc	26	-11323.8	0.0	-5.4	-104.1
Sommità					
sc Max	26	-11323.8	0.0	-5.4	-6.9
sc Med	26	-11323.8	0.0	-5.4	-6.9
st	24	-11323.8	0.0	-5.4	-103.2
sc	26	-11323.8	0.0	-5.4	-104.1

▲Verifiche a Taglio

Nodi	Comb.	α
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Sommità	12	-101.473	0.0	1303.5	0.06
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S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-9467.3	0.0	-7.8	-5.8
sc Med	26	-9467.3	0.0	-7.8	-5.8
st	24	-9467.3	0.0	-7.8	-86.0
sc	26	-9467.3	0.0	-7.8	-87.3
Sommità					
sc Max	26	-9467.3	0.0	-7.8	-5.8
sc Med	26	-9467.3	0.0	-7.8	-5.8
st	24	-9467.3	0.0	-7.8	-86.0
sc	26	-9467.3	0.0	-7.8	-87.3

Nodi	Comb.	V _a [kg]	α	V _{ad} [kg]	N _{ad} [kg]	M _{12d} [kgm]	V _{12d} [kg]	M _{13d} [kgm]	V _{ad,estremo} [kg]	V _i
3657 3808	12	-5185.8	1.00	-5185.8	-10325.1	-18.8	62910.7	18719.9	42062.2	0.28

▲Verifiche a Taglio

▲Setto : 3807 3956 3957 3808 / Sezione 41

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ad} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-12834.5	0.0	-3.3	0.04
Sommità	12	-9631.9	0.0	1439.8	0.06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-8926.4	0.0	-2.1	-5.5
sc Med	26	-8926.4	0.0	-2.1	-5.4
st	24	-8926.4	0.0	-2.1	-81.5
sc	26	-8926.4	0.0	-2.1	-81.9
Sommità					
sc Max	26	-8926.4	0.0	-2.1	-5.5
sc Med	26	-8926.4	0.0	-2.1	-5.4
st	24	-8926.4	0.0	-2.1	-81.5
sc	26	-8926.4	0.0	-2.1	-81.9

▲Verifiche a Taglio

▲Setto : 3956 4106 4107 3957 / Sezione 41

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Nodi	Comb.	V _a [kg]	α	V _{ad} [kg]	N _{ad} [kg]	M _{12d} [kgm]	V _{12d} [kg]	M _{13d} [kgm]	V _{ad,estremo} [kg]	V _i
3807 3957	12	-5745.6	1.00	-5745.6	-9742.0	-12.7	62910.7	18719.9	41703.5	0.31

Sezione	Comb.	N _{ad} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-12083.2	0.0	-4.8	0.04
Sommità	12	-9080.0	0.0	1531.2	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ad} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-14582.7	0.0	-8.7	0.04
Sommità	12	-10849.3	0.0	1660.3	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-10186.1	0.0	-6.1	-6.3
sc Med	26	-10186.1	0.0	-6.1	-6.2
st	24	-10186.1	0.0	-6.1	-92.7
sc	26	-10186.1	0.0	-6.1	-93.8
Sommità					
sc Max	26	-10186.1	0.0	-6.1	-6.3
sc Med	26	-10186.1	0.0	-6.1	-6.2
st	24	-10186.1	0.0	-6.1	-92.7
sc	26	-10186.1	0.0	-6.1	-93.8

▲Verifiche a Taglio

▲Setto : 6222 3657 3658 6352 / Sezione 41

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Nodi	Comb.	V _a [kg]	α	V _{ad} [kg]	N _{ad} [kg]	M _{12d} [kgm]	V _{12d} [kg]	M _{13d} [kgm]	V _{ad,estremo} [kg]	V _i
3508 6352	12	-6616.2	1.00	-6616.2	-11131.6	-15.8	62910.7	18719.9	42541.8	0.35

Sezione	Comb.	N _{ad} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-13904.1	0.0	-13.3	0.04
Sommità	12	-10203.7	0.0	1193.4	0.06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-9664.8	0.0	-9.3	-6.0
sc Med	26	-9664.8	0.0	-9.3	-5.9
st	24	-9664.8	0.0	-9.3	-87.7
sc	26	-9664.8	0.0	-9.3	-88.3
Sommità					
sc Max	26	-9664.8	0.0	-9.3	-6.0
sc Med	26	-9664.8	0.0	-9.3	-5.9
st	24	-9664.8	0.0	-9.3	-87.7
sc	26	-9664.8	0.0	-9.3	-88.3

▲Verifiche a Taglio

▲Setto : 3657 3807 3808 3658 / Sezione 41

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Nodi	Comb.	V _a [kg]	α	V _{ad} [kg]	N _{ad} [kg]	M _{12d} [kgm]	V _{12d} [kg]	M _{13d} [kgm]	V _{ad,estremo} [kg]	V _i
6222 3658	12	-4735.9	1.00	-4735.9	-10508.2	-19.9	62910.7	18719.9	42173.5	0.25

Sezione	Comb.	N _{ad} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-13613.2	0.0	-11.2	0.04

sc Max	26	-73645	0,0	-127	-4,5
sc Med	24	-73645	0,0	-127	-663
sc	26	-73645	0,0	-127	-685

▲Verifiche a Taglio

Nodi	Comb.	V _{ed} [kg]	α	N _{ed} [kg]	M _{ed} [kg]	V _{ed} [kg]	M _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]
4255-4406	12	-6130,1	1,00	-6130,1	-8037,2	-25,2	629107	18719,9	406984	0,33

▲Setto : 4405-4554-4555-4406 / Sezione 41

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kg]	M _{ed} [kg]	M _{ed} [kg]	Sd/Sr
Base	1	-5661,9	0,0	-13,1	0,03	
Sommila	12	-7181,5	0,0	1451,4	0,07	

S.L.E.	Combinazione	N [kg]	M _{ed} [kg]	M _{ed} [kg]	M _{ed} [kg]	σ [kg/cm²]
Base						
sc Max	26	-6752,6	0,0	-9,0	-4,2	
sc Med	26	-6752,6	0,0	-9,0	-4,1	
sc	24	-6752,6	0,0	-9,0	-61,0	
sc	26	-6752,6	0,0	-9,0	-62,6	
Sommila						
sc Max	26	-6752,6	0,0	-9,0	-4,2	
sc Med	26	-6752,6	0,0	-9,0	-4,1	
sc	24	-6752,6	0,0	-9,0	-61,0	
sc	26	-6752,6	0,0	-9,0	-62,6	

▲Verifiche a Taglio

Nodi	Comb.	V _{ed} [kg]	α	N _{ed} [kg]	M _{ed} [kg]	V _{ed} [kg]	M _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]
4405-4555	12	-57495,5	1,00	-57495,5	-7355,3	-20,6	629107	18719,9	40281,5	0,33

▲Setto : 4554-6217-6165-4555 / Sezione 41

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kg]	M _{ed} [kg]	M _{ed} [kg]	Sd/Sr
Base	1	-9288,8	0,0	-12,7	0,03	
Sommila	12	-6801,4	0,0	1349,7	0,06	

S.L.E.	Combinazione	N [kg]	M _{ed} [kg]	M _{ed} [kg]	M _{ed} [kg]	σ [kg/cm²]
Base						
sc Max	26	-6509,3	0,0	-8,7	-4,0	
sc Med	26	-6509,3	0,0	-8,7	-4,0	
sc	24	-6509,3	0,0	-8,7	-58,8	
sc	26	-6509,3	0,0	-8,7	-60,3	
Sommila						
sc Max	26	-6509,3	0,0	-8,7	-4,0	
sc Med	26	-6509,3	0,0	-8,7	-4,0	
sc	24	-6509,3	0,0	-8,7	-58,8	
sc	26	-6509,3	0,0	-8,7	-60,3	

sc Max	26	-84124	0,0	-3,3	-5,2
sc Med	26	-84124	0,0	-3,3	-5,1
sc	24	-84124	0,0	-3,3	-76,7
sc	26	-84124	0,0	-3,3	-77,3
Sommila					
sc Max	26	-84124	0,0	-3,3	-5,2
sc Med	26	-84124	0,0	-3,3	-5,1
sc	24	-84124	0,0	-3,3	-76,7
sc	26	-84124	0,0	-3,3	-77,3

▲Verifiche a Taglio

Nodi	Comb.	V _{ed} [kg]	α	N _{ed} [kg]	M _{ed} [kg]	V _{ed} [kg]	M _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]
3956-4107	12	-6101,2	1,00	-6101,2	-9184,2	-14,0	629107	18719,9	41370,8	0,33

▲Setto : 4106-4256-4256-4107 / Sezione 41

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kg]	M _{ed} [kg]	M _{ed} [kg]	Sd/Sr
Base	1	-11344,5	0,0	-9,7	0,03	
Sommila	12	-8535,5	0,0	15679	0,07	

S.L.E.	Combinazione	N [kg]	M _{ed} [kg]	M _{ed} [kg]	M _{ed} [kg]	σ [kg/cm²]
Base						
sc Max	26	-7909,7	0,0	-6,8	-4,9	
sc Med	26	-7909,7	0,0	-6,8	-4,8	
sc	24	-7909,7	0,0	-6,8	-71,8	
sc	26	-7909,7	0,0	-6,8	-73,0	
Sommila						
sc Max	26	-7909,7	0,0	-6,8	-4,9	
sc Med	26	-7909,7	0,0	-6,8	-4,8	
sc	24	-7909,7	0,0	-6,8	-71,8	
sc	26	-7909,7	0,0	-6,8	-73,0	

▲Verifiche a Taglio

Nodi	Comb.	V _{ed} [kg]	α	N _{ed} [kg]	M _{ed} [kg]	V _{ed} [kg]	M _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]
4106-4256	12	-6229,3	1,00	-6229,3	-8638,8	-18,1	629107	18719,9	41049,3	0,33

▲Setto : 4255-4405-4406-4256 / Sezione 41

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kg]	M _{ed} [kg]	M _{ed} [kg]	Sd/Sr
Base	1	-10547,6	0,0	-18,2	0,03	
Sommila	12	-7925,3	0,0	15507	0,07	

S.L.E.	Combinazione	N [kg]	M _{ed} [kg]	M _{ed} [kg]	M _{ed} [kg]	σ [kg/cm²]
Base						
sc Max	26	-73645	0,0	-127	-4,6	
sc Med	26	-73645	0,0	-127	-4,5	
sc	24	-73645	0,0	-127	-66,3	
sc	26	-73645	0,0	-127	-68,5	
Sommila						
sc Max	26	-73645	0,0	-127	-4,6	

▲Setto : 4853 5003 5004 4854 / Sezione 51

▲Armatore su ogni faccia: Verticali : $\varnothing 14\ 20'$ [cm], Orizzontali : $\varnothing 12\ 20'$ [cm]

Sezione	Comb.	N_{6a} [kg]	M_{12} [kgm]	M_{13} [kgm]	Sd/Sr
Base	1	-6836,8	0,0	-9,6	0,02
Sommità	16	-3732,3	0,0	1314,4	0,08

S.L.E.	Combinazione	N	M ₂ [kg]	M ₁ [kg]	σ [kg/cm ²]
Base					
	sc Max	26	-47958	0.0	-60
	sc Med	26	-47958	0.0	-60
	st	24	-47958	0.0	-43.4
	sc	26	-47958	0.0	-60
	sc	26	-47958	0.0	-44.4
Sommità					
	sc Max	26	-47958	0.0	-60
	sc Med	26	-47958	0.0	-60
	st	24	-47958	0.0	-43.4
	sc	26	-47958	0.0	-60
	sc	26	-47958	0.0	-44.4

▲ Verifiche a Taglio

[illegible]

▲Setto : 5003 5152 5153 5004 / Sezione 51

▲Armatore su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N_{60} [kg]	M_{12} [kgm]	M_{33} [kgm]	Sd/Sr
Base	1	-5878,7	0,0	-11,0	0,02
Sommità	16	-3353,1	0,0	1381,4	0,09

S.L.E.	Combinazione	N [kg]	M ₂ [kgm]	M ₁ [kgm]	σ [kg/cm ²]
Base	sc Max	26	-4153.7	0.0	-7.0
	sc Med	26	-4153.7	0.0	-2.5
	sc Min	26	-4153.7	0.0	-37.4
	st	24	-4153.7	0.0	-7.0
Sommità	sc	26	-4153.7	0.0	-7.0
	sc Max	26	-4153.7	0.0	-7.0
	sc Med	26	-4153.7	0.0	-2.5
	st	24	-4153.7	0.0	-7.0
Stile	sc	26	-4153.7	0.0	-7.0
	sc Max	26	-4153.7	0.0	-7.0
	sc Med	26	-4153.7	0.0	-2.5
	st	24	-4153.7	0.0	-7.0

▲ Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{id} [kg]	N _{id} [kg]	M _{id} [kg]	V _{rod} [kg]	V _{rod}	V _{d,scorimonto}	V _i /V _s
5003-5153	16	5489.2	1.00	5489.2	-335.3	1381.4	62910.7	18719.9	18282.3	0.30

▲Setto : 5152 5302 5303 5153 / Sezione 51

▲Arnature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

▲ Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	V_{fd} [kg]	N_{fd} [kg]	M_{fd} [kg]	V_{fcd} [kg]	N_{fcd} [kg]	$V_{fd, scorrimento}$ [kg]	V_r [kg]	$V_r/V_{fd, scorrimento}$	
45	54	6165	12	-5333.1	1.00	-5333.1	-7121.7	-20.4	62910.7	18719.9	40142.4	0.28

▲Setto: 6217 4704 4705 6165 / Sezione 51

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{de} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-8446.0	0.0	-18.1	0.03
Sommità	16	-4381.2	0.0	1128.7	0.06

S.I.E.	Combinazione	N	M ₂₀ [µg/m]	M ₅₀ [µg/m]	σ [µg/cm ²]
Base					
	sc Max	26	-5883,8	0,0	-12,4
	sc Med	26	-5883,8	0,0	-31,6
	sc	24	-5883,8	0,0	-52,8
Sommità					
	sc Max	26	-5883,8	0,0	-12,4
	sc Med	26	-5883,8	0,0	-31,6
	sc	24	-5883,8	0,0	-52,8

▲ Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	V_{fd} [kg]	N_{fd} [kg]	M_{fd} [kg]	V_{fcd} [kg]	V_{fcd} [kg]	V_{fd} sperimentale	V_d/V_{fd}
6217.4705	16	-4482.7	1.00	-4482.7	-4569.0	7.4	62910.7	18719.9	38592.3	0.24

▲Setto: 4704 4853 4854 4705 / Sezione 51

▲Arnature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N ₁₄ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-7868.8	0.0	-16.9	0.02
Sommità	16	-4144.5	0.0	1212.2	0.06

S.L.E.	Combinazione	N [kg]	M ₅₀ [g/m]	M ₅₀ [g/m]	σ [g/cm ²]
Base	Base				
	sc Max	26	-5499.8	0.0	-11.4
	sc Med	26	-5499.8	0.0	-11.4
	sc Min	26	-5499.8	0.0	-11.4
	st	24	-5499.8	0.0	-11.4
Sommità	Base				
	sc Max	26	-5499.8	0.0	-11.4
	sc Med	26	-5499.8	0.0	-11.4
	sc Min	26	-5499.8	0.0	-11.4
	st	24	-5499.8	0.0	-11.4

▲ Verifiche a Taglio

[illegible]

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base		26	-2471.4	0.0	-6.4
sc Max		26	-2471.4	0.0	-6.4
sc Med		26	-2471.4	0.0	-6.4
st		24	-2471.4	0.0	-6.4
sc		26	-2471.4	0.0	-6.4
Sommità		26	-2471.4	0.0	-6.4
sc Max		26	-2471.4	0.0	-6.4
sc Med		26	-2471.4	0.0	-6.4
st		24	-2471.4	0.0	-6.4
sc		26	-2471.4	0.0	-6.4

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{ed} [kg]	V _{ed,continuo} [kg]	V _e
5451.5602	16	5187.9	1.00	5187.9	-2443.9	1310.5	62910.7	18719.9	17268.6	0.30

▲Verifiche a Taglio

▲Setto : 5601 6159 6160 5602 / Sezione 51

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-3115.3	0.0	-5.3	0.01
Sommità	16	-2250.1	0.0	1252.4	0.10

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base		26	-2311.1	0.0	-4.5
sc Max		26	-2311.1	0.0	-4.5
sc Med		26	-2311.1	0.0	-4.5
st		24	-2311.1	0.0	-4.5
sc		26	-2311.1	0.0	-4.5
Sommità		26	-2311.1	0.0	-4.5
sc Max		26	-2311.1	0.0	-4.5
sc Med		26	-2311.1	0.0	-4.5
st		24	-2311.1	0.0	-4.5
sc		26	-2311.1	0.0	-4.5

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{ed} [kg]	V _{ed,continuo} [kg]	V _e
5601.6160	16	4920.0	1.00	4920.0	-2250.1	1252.4	62910.7	18719.9	17082.9	0.29

▲Setto : 6159 5659 5660 6160 / Sezione 61

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-3328.3	0.0	-8.3	0.01
Sommità	17	-2491.1	0.0	-458.1	0.02

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base		26	-2421.0	0.0	-6.4
sc Max		26	-2421.0	0.0	-6.4
sc Med		26	-2421.0	0.0	-6.4
st		24	-2421.0	0.0	-6.4
sc		26	-2421.0	0.0	-6.4

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-4983.7	0.0	-13.2	0.02
Sommità	16	-3017.1	0.0	1402.5	0.10

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base		26	-3561.0	0.0	-8.7
sc Max		26	-3561.0	0.0	-8.7
sc Med		26	-3561.0	0.0	-8.7
st		24	-3561.0	0.0	-8.7
sc		26	-3561.0	0.0	-8.7
Sommità		26	-3561.0	0.0	-8.7
sc Max		26	-3561.0	0.0	-8.7
sc Med		26	-3561.0	0.0	-8.7
st		24	-3561.0	0.0	-8.7
sc		26	-3561.0	0.0	-8.7

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{ed} [kg]	V _{ed,continuo} [kg]	V _e
5302.5303	16	5561.1	1.00	5561.1	-3017.1	1402.5	62910.7	18719.9	17845.2	0.31

▲Verifiche a Taglio

▲Setto : 5302 5451 5452 5303 / Sezione 51

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-4114.1	0.0	-15.5	0.01
Sommità	16	-2762.5	0.0	1383.9	0.11

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base		26	-2989.8	0.0	-10.6
sc Max		26	-2989.8	0.0	-10.6
sc Med		26	-2989.8	0.0	-10.6
st		24	-2989.8	0.0	-10.6
sc		26	-2989.8	0.0	-10.6
Sommità		26	-2989.8	0.0	-10.6
sc Max		26	-2989.8	0.0	-10.6
sc Med		26	-2989.8	0.0	-10.6
st		24	-2989.8	0.0	-10.6
sc		26	-2989.8	0.0	-10.6

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{ed} [kg]	V _{ed,continuo} [kg]	V _e
5302.5452	16	5463.4	1.00	5463.4	-2762.5	1383.9	62910.7	18719.9	17575.4	0.31

▲Setto : 5451 5601 5602 5452 / Sezione 51

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-3330.7	0.0	-8.4	0.01
Sommità	16	-2443.9	0.0	1310.5	0.11

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{rd} [kg]	N _{rd} [kg]	M _{rd} [kgm]	V _{rd} [kg]	V _{rd,concrete} [kg]	V _d [kg]
5712 5765	17	1640.4	1.00	1640.4	-2139.9	-24.4	62910.7	18719.9	37159.0
									0.09

▲Setto : 5764 5817 5818 5765 / Sezione 61

▲Armature su ogni faccia Verticali : ø 14 20' (cm), Orizzontali : ø 12 20' (cm)

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{rd} [kg]	N _{rd} [kg]	M _{rd} [kgm]	V _{rd} [kg]	V _{rd,concrete} [kg]	V _d [kg]
5764 5818	17	1526.5	1.00	1526.5	-1790.7	-18.9	62910.7	18719.9	36941.6
									0.08

▲Setto : 5817 5869 5870 5818 / Sezione 61

▲Armature su ogni faccia Verticali : ø 14 20' (cm), Orizzontali : ø 12 20' (cm)

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{rd} [kg]	N _{rd} [kg]	M _{rd} [kgm]	V _{rd} [kg]	V _{rd,concrete} [kg]	V _d [kg]

Sommila									
sc Max	26	-2421.0	0.0	-64	-1.5				
sc Med	26	-2421.0	0.0	-64	-1.5				
st	24	-2421.0	0.0	-64	-21.6				
sc	26	-2421.0	0.0	-64	-22.7				

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{rd} [kg]	N _{rd} [kg]	M _{rd} [kgm]	V _{rd} [kg]	V _{rd,concrete} [kg]	V _d [kg]
6159 5660	17	1997.3	1.00	1997.3	-2239.4	-37.9	62910.7	18719.9	37537.8
									0.11

▲Setto : 5659 5712 5713 5660 / Sezione 61

▲Armature su ogni faccia Verticali : ø 14 20' (cm), Orizzontali : ø 12 20' (cm)

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{rd} [kg]	N _{rd} [kg]	M _{rd} [kgm]	V _{rd} [kg]	V _{rd,concrete} [kg]	V _d [kg]
5659 5713	17	1833.7	1.00	1833.7	-2545.6	-33.1	62910.7	18719.9	37414.8
									0.10

▲Setto : 5712 5764 5765 5713 / Sezione 61

▲Armature su ogni faccia Verticali : ø 14 20' (cm), Orizzontali : ø 12 20' (cm)

Sezione	Comb.	N _{rd} [kg]	M _{rd} [kgm]	M _{rd} [kgm]	Sd/Sr
Base	1	-2388.6	0.0	6.9	0.01
Sommila	17	-1981.8	0.0	-385.7	0.02

S.L.E.	Combinazione	N [kg]	M _{rd} [kgm]	M _{rd} [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-1769.8	0.0	3.6	-1.1
sc Med	26	-1769.8	0.0	3.6	-1.1
st	24	-1769.8	0.0	3.6	-15.9
sc	26	-1769.8	0.0	3.6	-16.5
Sommila					
sc Max	26	-1769.8	0.0	3.6	-1.1
sc Med	26	-1769.8	0.0	3.6	-1.1
st	24	-1769.8	0.0	3.6	-15.9
sc	26	-1769.8	0.0	3.6	-16.5

[5817.5870] 17 [1501.2] 1.00 [1501.2] -1493.2 [-12.8] [62910.7] 18719.9 36754.5 [0.08]

▲Setto : 5869 5922 5923 5870 / Sezione 61

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	17	-1224.0	0.0	-6.4	0.00
Sommità	12	78.5	0.0	269.6	0.04

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	24	-644.9	0.0	7.8	-0.4
sc Med	21	-636.6	0.0	8.2	-0.4
st	20	-632.5	0.0	9.0	-5.0
sc	20	-632.5	0.0	9.0	-6.6
Sommità					
sc Max	24	-644.9	0.0	7.8	-0.4
sc Med	21	-636.6	0.0	8.2	-0.4
st	20	-632.5	0.0	9.0	-5.0
sc	20	-632.5	0.0	9.0	-6.6

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	V _{red} [kg]	M ₁₃ [kgm]	V _{red,corrimano} [kg]	V _s
5869 5923	17	-1584.5	1.00	-1584.5	-1077.9	-390.6	62910.7	18719.9	17236.9	[0.09]

▲Setto : 5922 5974 5975 5923 / Sezione 61

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	13	534.3	0.0	29.9	0.02
Sommità	12	577.8	0.0	252.5	0.05

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	24	-252.8	0.0	19.0	-0.3
sc Med	20	-225.2	0.0	21.3	-0.1
st	20	-225.2	0.0	21.3	-0.2
sc	20	-225.2	0.0	21.3	-3.9
Sommità					
sc Max	24	-252.8	0.0	19.0	-0.3
sc Med	20	-225.2	0.0	21.3	-0.1
st	20	-225.2	0.0	21.3	-0.2
sc	20	-225.2	0.0	21.3	-3.9

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	V _{red} [kg]	M ₁₃ [kgm]	V _{red,corrimano} [kg]	V _s
5922 5975	17	-1877.5	1.00	-1877.5	-820.4	-480.8	62910.7	18719.9	15733.6	[0.12]

▲Setto : 5974 6051 6052 5975 / Sezione 61

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

st	24	-11662.4	0.0	27.5	-104.4
sc	26	-11662.4	0.0	27.5	-109.1
Sonninia					
sc Max	26	-11662.4	0.0	27.5	-73
sc Med	26	-11662.4	0.0	27.5	-71
st	24	-11662.4	0.0	27.5	-104.4
sc	26	-11662.4	0.0	27.5	-109.1

▲ Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	V_{fd} [kg]	N_{fd} [kg]	M_{fd} [kg]	V_{vod} [kg]	V_{fnd} [kg]	$V_{fai,contorno}$ V_f [kg]	V_f [kg]	
1863	2014	12	-9672.4	1.00	-9672.4	-10139.6	101.6	62910.7	187199	420683	0.52

▲Setto : 2013 2162 2163 2014 / Sezione 21

▲Armatore su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{da} [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	Sd/Sr
Base	1	-17644,8	0,0	13,0	0,05
Sommità	12	-10823,0	0,0	2278,9	0,11

S.L.E.	Combinazione	N	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base	sc Max	26	-123.008	0,0	-7,5
	sc Med	26	-123.008	0,0	-7,5
	sc	24	-123.008	0,0	-12,0
	sc	26	-123.008	0,0	-11,3
Sommità	sc Max	26	-123.008	0,0	-7,5
	sc Med	26	-123.008	0,0	-7,5
	sc	24	-123.008	0,0	-12,0
	sc	26	-123.008	0,0	-11,3

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{fat} [kg]	N _{fat} [kg]	M _{fat}	V _{fat} [kg]	V _{red} [kg]	V _{accimento} V _f /V _g
2013_2163	12	-9380.6	1.00	-9380.6	-10804.7	67.4	629.107	1871.99	42418.9 0.50

▲Setto : 2162 2312 2313 2163 / Sezione 21

▲Arnature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	M_{sd} [kg]	M_{12} [kgm]	M_{13} [kgm]	Sd/Sr
Base	1	-18013.7	0.0	-8.7	0.05
Sommità	12	-11078.7	0.0	2238.1	0.10

S.L.E.	Combinazione	N	M ₂ [kg]	M ₁ [kg]	σ [kg/cm ²]
Basse	sc Max	26	-125745	0,0	-7,4
	sc Med	26	-125745	0,0	-7,4
	st	24	-125745	0,0	-1145
	sc	26	-125745	0,0	-1158
Sommità	sc Max	26	-125745	0,0	-7,4
	sc Med	26	-125745	0,0	-7,4
	st	24	-125745	0,0	-1145
	sc	26	-125745	0,0	-1158

S.I.E.	Combinazione	N	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
	Base				
	sc Max	26	-8776.9	0.0	173.9
	sc Med	26	-8776.9	0.0	173.9
	sc	24	-8776.9	0.0	-65.4
	sc	26	-8776.9	0.0	173.9
	sc	26	-8776.9	0.0	-95.3
	Somma				
	sc Max	26	-8776.9	0.0	173.9
	sc Med	26	-8776.9	0.0	173.9
	sc	24	-8776.9	0.0	-65.4
	sc	26	-8776.9	0.0	173.9
	sc	26	-8776.9	0.0	-95.3

▲ Verifiche a Taglio

[illegible]

▲Setto : 1714 1863 1864 1715 / Sezione 21

▲Arnature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N ₅₈ [kg]	M ₅₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-15202.3	0.0	116.6	0.05
Sommità	12	-8945.0	0.0	2353.5	0.12

S.L.E.	Combinazione	N [kg]	M _c [g/m]	M _h [g/m]	σ [log/cm ²]
Base	sc Max	26	-1.057/8	0.0	78.8
	sc Med	26	-1.057/8	0.0	78.8
	sc	24	-1.057/8	0.0	78.8
	sc	26	-1.057/8	0.0	78.8
	sc	26	-1.057/8	0.0	78.8
	sc	26	-1.057/8	0.0	78.8
Sommità	sc Max	26	-1.057/8	0.0	78.8
	sc Med	26	-1.057/8	0.0	78.8
	sc	24	-1.057/8	0.0	78.8
	sc	26	-1.057/8	0.0	78.8
	sc	26	-1.057/8	0.0	78.8
	sc	26	-1.057/8	0.0	78.8

▲ Verifiche a Taglio

Nodi		Comb.	V_d [kg]	α	$V_{el,d}$ [kg]	$N_{el,d}$ [kg]	$M_{el,d}$ [kg]	V_{rod} [kg]	V_{rod} [kg]	$V_{Rod,scrittamento}$ [kg]	V_s/V_R
1714	1864	12	-10098.9	100	-10098.9	-8835.2	176.3	62910.7	18719.9	41391.6	0.54

▲Setto: 1863 2013 2014 1864 / Sezione 21

▲ Armature su ogni faccia: Verticali: $\varnothing 14 \text{ 20' [cm]}$, Orizzontali: $\varnothing 12 \text{ 20' [cm]}$

Sezione	Comb.	N _d [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-16766.6	0.0	42.4	0.05
Somma	12	-10181.7	0.0	2318.2	0.11

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]	
	Base					
	sc Max	26	-11662.4	0.0	27.5	-7.3
	sc Med	26	-11662.4	0.0	27.5	-7.1

	V _e [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{ed} [kg]	M ₁₂ [kgm]	V _{ed} [kg]	V _{accidentale} V _e [kg]
2461 6252	12	-8262.1	1.00	-8262.1	-11432.7	23.0	62910.7 18719.9 42732.6 0.44

▲Setto : 6251 2611 2612 6252 / Sezione 31

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-17787.0	0.0	-16.0	0.05
Sommità	12	-11142.2	0.0	1418.0	0.06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-12389.2	0.0	-11.4	-7.6
sc Med	26	-12389.2	0.0	-11.4	-7.6
st	24	-12389.2	0.0	-11.4	-112.4
sc	26	-12389.2	0.0	-11.4	-114.4
Sommità					
sc Max	26	-12389.2	0.0	-11.4	-7.6
sc Med	26	-12389.2	0.0	-11.4	-7.6
st	24	-12389.2	0.0	-11.4	-112.4
sc	26	-12389.2	0.0	-11.4	-114.4

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	N _{ed} [kg]	M _{ed} [kg]	V _{ed} [kg]	V _{accidentale} V _e [kg]
6251 2612	12	-5699.9	1.00	-5699.9	-11401.6	11.2	62910.7 18719.9 42697.2 0.30

▲Setto : 2611 2760 2761 2612 / Sezione 31

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-17783.0	0.0	-13.6	0.05
Sommità	12	-11328.3	0.0	1536.6	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-12388.4	0.0	-9.8	-7.6
sc Med	26	-12388.4	0.0	-9.8	-7.6
st	24	-12388.4	0.0	-9.8	-112.6
sc	26	-12388.4	0.0	-9.8	-114.2
Sommità					
sc Max	26	-12388.4	0.0	-9.8	-7.6
sc Med	26	-12388.4	0.0	-9.8	-7.6
st	24	-12388.4	0.0	-9.8	-112.6
sc	26	-12388.4	0.0	-9.8	-114.2

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	N _{ed} [kg]	M _{ed} [kg]	V _{ed} [kg]	V _{accidentale} V _e [kg]
2611 2761	12	-6181.6	1.00	-6181.6	-11458.8	9.9	62910.7 18719.9 42729.7 0.33

▲Setto : 2760 2910 2911 2761 / Sezione 31

sc	26	-12574.5	0.0	-7.4	-115.8
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▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	N _{ed} [kg]	M _{ed} [kg]	V _{ed} [kg]	V _{accidentale} V _e [kg]
2162 2313	12	-9106.7	1.00	-9106.7	-11082.7	40.7	62910.7 18719.9 42547.7 0.46

▲Setto : 2312 2461 2462 2313 / Sezione 21

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-17949.9	0.0	-9.1	0.05
Sommità	12	-11006.7	0.0	2136.0	0.10

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-12536.9	0.0	-7.1	-7.7
sc Med	26	-12536.9	0.0	-7.1	-7.7
st	24	-12536.9	0.0	-7.1	-114.2
sc	26	-12536.9	0.0	-7.1	-115.4
Sommità					
sc Max	26	-12536.9	0.0	-7.1	-7.7
sc Med	26	-12536.9	0.0	-7.1	-7.7
st	24	-12536.9	0.0	-7.1	-114.2
sc	26	-12536.9	0.0	-7.1	-115.4

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	N _{ed} [kg]	M _{ed} [kg]	V _{ed} [kg]	V _{accidentale} V _e [kg]
2312 2462	12	-8664.6	1.00	-8664.6	-11082.6	32.6	62910.7 18719.9 42536.2 0.46

▲Setto : 2461 6251 6252 2462 / Sezione 21

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-18141.4	0.0	-11.2	0.05
Sommità	12	-11199.4	0.0	2049.9	0.09

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-12683.7	0.0	-8.3	-7.8
sc Med	26	-12683.7	0.0	-8.3	-7.7
st	24	-12683.7	0.0	-8.3	-115.4
sc	26	-12683.7	0.0	-8.3	-116.8
Sommità					
sc Max	26	-12683.7	0.0	-8.3	-7.8
sc Med	26	-12683.7	0.0	-8.3	-7.7
st	24	-12683.7	0.0	-8.3	-115.4
sc	26	-12683.7	0.0	-8.3	-116.8

▲Verifiche a Taglio

Nodi Comb. α

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-17297.2	0.0	-5.3	0.05
Sommità	12	-11043.0	0.0	16849	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-12047.8	0.0	-3.7	-7.4
sc Med	26	-12047.8	0.0	-3.7	-7.4
st	24	-12047.8	0.0	-3.7	-110.0
sc	26	-12047.8	0.0	-3.7	-110.6
Sommità					
sc Max	26	-12047.8	0.0	-3.7	-7.4
sc Med	26	-12047.8	0.0	-3.7	-7.4
st	24	-12047.8	0.0	-3.7	-110.0
sc	26	-12047.8	0.0	-3.7	-110.6

▲Verifiche a Taglio

Nodi	Comb.	V _{ed} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kg]	V _{ed} [kg]	V _{accidentale} [kg]	V _r
2760 2911	12	6785.2	1.00	-6785.2	-111086	14.9	62910.7	18719.9	42526.7 [0.36]

▲Setto : 2910 3059 3060 2911 / Sezione 31

▲Armature su ogni faccia: Verticali : ø 14 20' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-16777.5	0.0	-4.2	0.05
Sommità	12	-12894.8	0.0	17914	0.08

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-11691.5	0.0	-3.0	-7.2
sc Med	26	-11691.5	0.0	-3.0	-7.1
st	24	-11691.5	0.0	-3.0	-106.8
sc	26	-11691.5	0.0	-3.0	-107.3
Sommità					
sc Max	26	-11691.5	0.0	-3.0	-7.2
sc Med	26	-11691.5	0.0	-3.0	-7.1
st	24	-11691.5	0.0	-3.0	-106.8
sc	26	-11691.5	0.0	-3.0	-107.3

▲Verifiche a Taglio

Nodi	Comb.	V _{ed} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kg]	V _{ed} [kg]	V _{accidentale} [kg]	V _r
2910 3060	12	-7202.4	1.00	-7202.4	-13167.3	-17.7	62910.7	18719.9	43765.8 [0.38]

- En.Ex.Sys. WinStrand
- Verifiche setti in c.a.

9.4.2. Allegato A4 – 2 – Verifica Setti Zone Critiche

590.594	11	50	50	30	2x ø 20 20'	2x ø 14 15'
594.598	12	50	50	30	2x ø 20 15'	2x ø 14 15'
598.603	12	50	50	30	2x ø 20 15'	2x ø 14 15'

Sezione	Comb.	N _u [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	17	-284198.0	34667.2	-119368.7	0.23
Sommità	17	-283203.0	27822.9	-92945.8	0.18

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base	26	-273777.9	56711.6	-31801.1	-28.0
sc Max	26	-273777.9	56711.6	-31801.1	-14.3
sc Med	24	-273777.9	56711.6	-31801.1	24.7
sc	26	-273777.9	56711.6	-31801.1	-417.0
Sommità	26	-273777.9	56711.6	-31801.1	-28.0
sc Max	26	-273777.9	56711.6	-31801.1	-14.3
sc Med	24	-273777.9	56711.6	-31801.1	24.7
sc	26	-273777.9	56711.6	-31801.1	-417.0

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _u [kg]	α	N _u [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{u2} [kg]	V _{u3} [kg]	V _{u,verificata} [kg]	S/R
594-598-603	1.00	0.50	15	17486.7	1.00	317486.7	-71998.1	2177.9	129836.9	7014.6	206754.1	0.25
592-596-590-594	1.50	0.50	18	21838.1	1.00	21838.1	-80594.7	-8337.5	196763.2	106256.2	271560.0	0.21
562-578-582	1.00	0.50	1	19078.1	1.00	19078.1	-71374.7	-110.6	129836.9	7014.6	206754.0	0.27
562-563-564-565	1.50	0.50	17	43993.7	1.00	43993.7	-169360.1	-28995.9	196763.2	106256.2	149509.5	0.41

ANUCLEO 708 709 724 710 711 728 732 736 740 744 748 / Nodi: 708 709 724 710 711 728 732 736 740 744 748

▲ Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
708 709	12	50	50	30	2x ø 20 15'	2x ø 14 15'
708 724	12	50	50	30	2x ø 20 15'	2x ø 14 15'
709 710	12	50	50	30	2x ø 20 15'	2x ø 14 15'
710 711	12	50	50	30	2x ø 20 15'	2x ø 14 15'
724 728	12	50	50	30	2x ø 20 15'	2x ø 14 15'
728 732	11	50	50	30	2x ø 20 20'	2x ø 14 15'
732 736	11	50	50	30	2x ø 20 20'	2x ø 14 15'
736 740	11	50	50	30	2x ø 20 20'	2x ø 14 15'
740 744	12	50	50	30	2x ø 20 15'	2x ø 14 15'
744 748	12	50	50	30	2x ø 20 15'	2x ø 14 15'

Sezione	Comb.	N _u [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	17	-283751.2	27038.6	-93048.7	0.18
Sommità	1	-395403.9	64105.4	-24063.6	0.15

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base	26	-271903.0	49212.3	-23859.7	-25.1
sc Max	26	-271903.0	49212.3	-23859.7	-14.0
sc Med	20	-298470.3	56291.3	-26819.1	-26.8
sc	26	-271903.0	49212.3	-23859.7	-374.0
Sommità	26	-271903.0	49212.3	-23859.7	-25.1
sc Max	26	-271903.0	49212.3	-23859.7	-14.0
sc Med	26	-271903.0	49212.3	-23859.7	-14.0
sc	26	-298470.3	56291.3	-26819.1	-26.8
sc	26	-271903.0	49212.3	-23859.7	-374.0

▲ Verifiche a taglio dei diaframmi

α

Diaframma

sc Med	26	-277527.9	71710.0	-47684.6	-15.8
st	26	-277527.9	71710.0	-47684.6	179.1
sc	26	-277527.9	71710.0	-47684.6	-514.4

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _u [kg]	α	N _u [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{u2} [kg]	V _{u3} [kg]	V _{u,verificata} [kg]	S/R
43-47-51	1.00	0.50	15	45339.5	1.00	45339.5	-82105.4	3115.5	129836.9	7014.6	198531.3	0.64
31-35-39-43	1.50	0.50	13	9164.1	1.00	9164.1	-97300.1	-15867.3	196763.2	106256.2	285007.2	0.09
5-27-31	1.00	0.50	1	40500.1	1.00	40500.1	-63544.2	219.8	129836.9	7014.6	206754.0	0.58
5-6-7-8	1.50	0.50	16	28545.4	1.00	28545.4	-193554.2	-282510.9	196763.2	106256.2	117099.9	0.27

ANUCLEO 417 418 433 419 420 437 441 445 449 453 457 / Nodi: 417 418 433 419 420 437 441 445 449 453 457

▲ Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
417 418	12	50	50	30	2x ø 20 15'	2x ø 14 15'
417 433	12	50	50	30	2x ø 20 15'	2x ø 14 15'
418 419	12	50	50	30	2x ø 20 15'	2x ø 14 15'
419 420	12	50	50	30	2x ø 20 15'	2x ø 14 15'
433 437	12	50	50	30	2x ø 20 15'	2x ø 14 15'
437 441	11	50	50	30	2x ø 20 20'	2x ø 14 15'
441 445	11	50	50	30	2x ø 20 20'	2x ø 14 15'
445 449	11	50	50	30	2x ø 20 20'	2x ø 14 15'
449 453	12	50	50	30	2x ø 20 15'	2x ø 14 15'
453 457	12	50	50	30	2x ø 20 15'	2x ø 14 15'

Sezione	Comb.	N _u [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	17	-286185.5	42798.3	-144746.7	0.28
Sommità	17	-284118.8	35188.9	-119260.9	0.23

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base	26	-275653.0	64210.8	-39743.2	-31.2
sc Max	26	-275653.0	64210.8	-39743.2	-15.0
sc Med	26	-275653.0	64210.8	-39743.2	92.5
st	26	-275653.0	64210.8	-39743.2	-463.6
sc	26	-275653.0	64210.8	-39743.2	-463.6
Sommità	26	-275653.0	64210.8	-39743.2	-31.2
sc Max	26	-275653.0	64210.8	-39743.2	-15.0
sc Med	26	-275653.0	64210.8	-39743.2	92.5
st	26	-275653.0	64210.8	-39743.2	-463.6
sc	26	-275653.0	64210.8	-39743.2	-463.6

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _u [kg]	α	N _u [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{u2} [kg]	V _{u3} [kg]	V _{u,verificata} [kg]	S/R
449-453-457	1.00	0.50	15	30690.0	1.00	30690.0	-77152.4	2661.6	129836.9	7014.6	203561.0	0.44
437-441-445-449	1.50	0.50	18	16048.3	1.00	16048.3	-79523.9	-9434.9	196763.2	106256.2	271424.2	0.15
417-433-437	1.00	0.50	1	30967.4	1.00	30967.4	-67459.6	54.6	129836.9	7014.6	206754.0	0.44
417-418-419-420	1.50	0.50	17	40628.2	1.00	40628.2	-187940.7	-259322.8	196763.2	106256.2	134624.5	0.38

ANUCLEO 562 563 578 564 565 582 586 590 594 598 603 / Nodi: 562 563 578 564 565 582 586 590 594 598 603

▲ Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
562 563	12	50	50	30	2x ø 20 15'	2x ø 14 15'
562 578	12	50	50	30	2x ø 20 15'	2x ø 14 15'
563 564	12	50	50	30	2x ø 20 15'	2x ø 14 15'
564 565	12	50	50	30	2x ø 20 15'	2x ø 14 15'
578 582	12	50	50	30	2x ø 20 15'	2x ø 14 15'
582 586	11	50	50	30	2x ø 20 20'	2x ø 14 15'
586 590	11	50	50	30	2x ø 20 20'	2x ø 14 15'

Sommità	1	-390528.9	39803.7	-39.9	0.13
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S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-268153.0	34213.9	-7977.2	-19.3
sc Med	26	-268153.0	34213.9	-7977.2	-13.8
st	24	-268153.0	34213.9	-7977.2	-133.7
sc	26	-268153.0	34213.9	-7977.2	-288.4
Sommità					
sc Max	26	-268153.0	34213.9	-7977.2	-19.3
sc Med	26	-268153.0	34213.9	-7977.2	-13.8
st	24	-268153.0	34213.9	-7977.2	-133.7
sc	26	-268153.0	34213.9	-7977.2	-288.4

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ed} [kg]	α	N _{ed} [kg]	M ₁₂ [kgm]	V _{red} [kg]	V ₁₂ [kg]	V ₁₃ [kg]	V ₁₂₊₁₃ [kg]	S/R
1031-1035-1039	1.00	0.50	18	9281.8	1.00	9281.8	-31753.6	-7076.7	129836.9	70114.6	199982.3	0.13
1019-1023-1027-1031	1.50	0.50	19	24566.2	1.00	24566.2	-81873.2	-26937	196763.2	106256.2	269776.8	0.23
998-1015-1019	1.00	0.50	13	11819.9	1.00	11819.9	-89991.6	-25174	129836.9	70114.6	206754.0	0.17
998-999-1001-1002	1.50	0.50	17	44793.1	1.00	44793.1	-112714.2	-135932.0	196763.2	106256.2	253561.4	0.42

▲ANUCLEO 1144 1145 1160 1146 1147 1164 1168 1172 1176 1180 1184 / Nodi: 1144 1145 1160 1146 1147 1164 1168 1172 1176 1180 1184

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
1144 1145	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1144 1160	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1145 1146	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1146 1147	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1160 1164	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1164 1168	11	50	50	30	2x ø 20 20'	2x ø 14 15'
1168 1172	11	50	50	30	2x ø 20 20'	2x ø 14 15'
1172 1176	11	50	50	30	2x ø 20 20'	2x ø 14 15'
1176 1180	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1180 1184	12	50	50	30	2x ø 20 15'	2x ø 14 15'

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-390528.9	39803.7	-40.0	0.13
Sommità	1	-388091.4	27652.8	11971.1	0.13

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-266277.9	267146	-35.1	-16.4
sc Med	26	-266277.9	267146	-35.1	-13.7
st	24	-266277.9	267146	-35.1	-160.8
sc	26	-266277.9	267146	-35.1	-245.6
Sommità					
sc Max	26	-266277.9	267146	-35.1	-16.4
sc Med	26	-266277.9	267146	-35.1	-13.7
st	24	-266277.9	267146	-35.1	-160.8
sc	26	-266277.9	267146	-35.1	-245.6

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ed} [kg]	α	N _{ed} [kg]	M ₁₂ [kgm]	V _{red} [kg]	V ₁₂ [kg]	V ₁₃ [kg]	V ₁₂₊₁₃ [kg]	S/R
1176-1180-1184	1.00	0.50	18	12336.1	1.00	12336.1	-36845.7	-1435.2	129836.9	70114.6	204211.4	0.18
1164-1168-1172-1176	1.50	0.50	19	22851.8	1.00	22851.8	-86394.9	-2785.9	196763.2	106256.2	272530.0	0.22
1144-1160-1164	1.00	0.50	13	10444.9	1.00	10444.9	-88872.8	-3944.6	129836.9	70114.6	206754.0	0.15
1144-1145-1146-1147	1.50	0.50	17	44003.9	1.00	44003.9	-93865.2	-105221.6	196763.2	106256.2	310312.2	0.41

B	H	Comb.	V_e	V_{ed}	N_{ed}	M_{12}	V_{red}	V_{12}	V_{13}	V_{12+13}		
740-744-748	1.00	0.50	15	-9454.5	1.00	-9454.5	-67922.1	1822.1	129836.9	70114.6	206754.1	0.13
728-732-736-740	1.50	0.50	19	24665.1	1.00	24665.1	-84861.6	196763.2	106256.2	264447.3	0.23	
708-724-728	1.00	0.50	13	14403.4	1.00	14403.4	-108837.4	-3744.4	129836.9	70114.6	206754.0	0.21
708-709-710-711	1.50	0.50	17	45103.6	1.00	45103.6	-150684.5	-198093.6	196763.2	106256.2	175107.9	0.42

▲ANUCLEO 853 854 869 855 856 873 877 881 885 889 893 / Nodi: 853 854 869 855 856 873 877 881 885 889 893

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
853 854	12	50	50	30	2x ø 20 15'	2x ø 14 15'
853 869	12	50	50	30	2x ø 20 15'	2x ø 14 15'
854 855	12	50	50	30	2x ø 20 15'	2x ø 14 15'
855 856	12	50	50	30	2x ø 20 15'	2x ø 14 15'
869 873	12	50	50	30	2x ø 20 15'	2x ø 14 15'
873 877	11	50	50	30	2x ø 20 20'	2x ø 14 15'
877 881	11	50	50	30	2x ø 20 20'	2x ø 14 15'
881 885	11	50	50	30	2x ø 20 20'	2x ø 14 15'
885 889	12	50	50	30	2x ø 20 15'	2x ø 14 15'
889 893	12	50	50	30	2x ø 20 15'	2x ø 14 15'

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-395403.9	64105.4	-24082.1	0.15
Sommità	1	-392866.3	51954.4	-12048.2	0.14

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-270028.0	41713.1	-15919.2	-22.2
sc Med	26	-270028.0	41713.1	-15919.2	-13.9
st	24	-270028.0	41713.1	-15919.2	-82.4
sc	26	-270028.0	41713.1	-15919.2	-331.2
Sommità					
sc Max	26	-270028.0	41713.1	-15919.2	-22.2
sc Med	26	-270028.0	41713.1	-15919.2	-13.9
st	24	-270028.0	41713.1	-15919.2	-82.4
sc	26	-270028.0	41713.1	-15919.2	-331.2

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _e [m]	V _{ed} [m]	N _{ed} [kg]	M ₁₂ [kgm]	V _{red} [kg]	V ₁₂ [kg]	V ₁₃ [kg]	V ₁₂₊₁₃ [kg]	S/R
885-889-893	1.00	0.50	18	7037.0	1.00	7037.0	-85211.1	-1986.6	129836.9	70114.6	179506.7	0.10
873-877-881-885	1.50	0.50	19	24882.6	1.00	24882.6	-77480.1	-2566.4	196763.2	106256.2	267083.0	0.23
853-869-873	1.00	0.50	13	13013.1	1.00	13013.1	-99344.6	-3123.2	129836.9	70114.6	206754.0	0.19
853-854-855-856	1.50	0.50	17	45195.3	1.00	45195.3	-131759.0	-167060.6	196763.2	106256.2	207951.3	0.43

▲ANUCLEO 998 999 1015 1001 1002 1019 1023 1027 1031 1035 1039 / Nodi: 998 999 1015 1001 1002 1019 1023 1027 1031 1035 1039

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
998 999	12	50	50	30	2x ø 20 15'	2x ø 14 15'
998 1015	12	50	50	30	2x ø 20 15'	2x ø 14 15'
999 1001	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1001 1002	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1015 1019	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1019 1023	11	50	50	30	2x ø 20 20'	2x ø 14 15'
1023 1027	11	50	50	30	2x ø 20 20'	2x ø 14 15'
1027 1031	11	50	50	30	2x ø 20 20'	2x ø 14 15'
1031 1035	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1035 1039	12	50	50	30	2x ø 20 15'	2x ø 14 15'

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-392866.4	51954.6	-12051.0	0.14

ANUCLEO 1289 1290 1306 1291 1292 1310 1314 1318 1322 1326 1330 / Nodi: 1289 1290 1306 1291 1292 1310 1314 1318 1322 1326 1330

AArmature Nucleo

Nodi		Sezione		B		H		Spessore		Armatura Verticale		Armatura Orizzontale	
Numero		[cm]		[cm]		[cm]		[cm]		[cm]		[cm]	
1289	1290	12	50	50	30	2x ø 20 15'	2x ø 14 15'						
1289	1306	12	50	50	30	2x ø 20 15'	2x ø 14 15'						
1290	1291	12	50	50	30	2x ø 20 15'	2x ø 14 15'						
1291	1292	12	50	50	30	2x ø 20 15'	2x ø 14 15'						
1306	1310	12	50	50	30	2x ø 20 15'	2x ø 14 15'						
1310	1314	11	50	50	30	2x ø 20 20'	2x ø 14 15'						
1314	1318	11	50	50	30	2x ø 20 20'	2x ø 14 15'						
1318	1322	11	50	50	30	2x ø 20 20'	2x ø 14 15'						
1322	1326	12	50	50	30	2x ø 20 15'	2x ø 14 15'						
1326	1330	12	50	50	30	2x ø 20 15'	2x ø 14 15'						

Sezione		Comb.		N _u		M _u		M _{u2}		M _{u3}		Sd/Sr	
Base		1		-388091.4		27652.9		11970.6		0.13			
Sommità		1		-385653.9		15502.0		23981.1		0.15			

S.L.E.		Combinazione		N		M _{u2}		M _{u3}		σ	
Base											
sc Max		26		-264402.9		19215.4		7907.9		-16.2	
sc Med		26		-264402.9		19215.4		7907.9		-13.6	
st		24		-264402.9		19215.4		7907.9		-18.2	
sc		26		-264402.9		19215.4		7907.9		-243.0	
Sommità											
sc Max		26		-264402.9		19215.4		7907.9		-16.2	
sc Med		26		-264402.9		19215.4		7907.9		-13.6	
st		24		-264402.9		19215.4		7907.9		-18.2	
sc		26		-264402.9		19215.4		7907.9		-243.0	

AVerifiche a taglio dei diaframmi

Diaframma		B	H	Comb.	V _u	α	V _{u2}	N _{u2}	M _{u2}	V _{u3}	M _{u3}	V _{u4}	V _{u5}	V _{u6}	S/R
		[m]	[m]		[kg]		[kg]		[kg]		[kg]		[kg]	[kg]	[kg]
1322-1326-1330	1.00	0.50	18	15470.4	1.00	15470.4	-42538.0	-1132.4	129836.9	70114.6	206754.1	0.22			
1310-1314-1318-1322	1.50	0.50	19	21274.1	1.00	21274.1	-90682.8	-2985.8	196763.2	106256.2	275194.8	0.20			
1289-1306-1310	1.00	0.50	16	-10224.1	1.00	-10224.1	-55105.3	-19.8	129836.9	70114.6	206754.0	0.15			
1289-1290-1291-1292	1.50	0.50	17	43387.7	1.00	43387.7	-75371.0	-74035.2	196763.2	106256.2	310131.2	0.41			

ANUCLEO 6466 6470 7141 6474 6481 7800 8474 6599 6604 6608 6612 / Nodi: 6466 6470 7141 6474 6481 7800 8474 6599 6604 6608 6612

AArmature Nucleo

Nodi		Sezione		B		H		Spessore		Armatura Verticale		Armatura Orizzontale	
Numero		[cm]		[cm]		[cm]		[cm]		[cm]		[cm]	
6466	6470	22	50	50	30	2x ø 20 15'	2x ø 12 20'						
6466	7141	22	50	50	30	2x ø 20 15'	2x ø 12 20'						
6470	6474	22	50	50	30	2x ø 20 15'	2x ø 12 20'						
6474	6481	22	50	50	30	2x ø 20 15'	2x ø 12 20'						
7141	7800	22	50	50	30	2x ø 20 15'	2x ø 12 20'						
7800	8474	21	50	50	30	2x ø 14 20'	2x ø 12 20'						
8474	6599	21	50	50	30	2x ø 14 20'	2x ø 12 20'						
6599	6604	21	50	50	30	2x ø 14 20'	2x ø 12 20'						
6604	6608	22	50	50	30	2x ø 20 15'	2x ø 12 20'						
6608	6612	22	50	50	30	2x ø 20 15'	2x ø 12 20'						

Sezione		Comb.		N _u		M _{u2}		M _{u3}		Sd/Sr	
Base		1		-337430.4		17841.0		13641.0		0.13	
Sommità		1		-334992.9		15536.4		17096.1		0.13	

S.L.E.		Combinazione		N		M _{u2}		M _{u3}		σ	
Base											
sc Max		26		-264402.9		19215.4		7907.9		-16.2	
sc Med		26		-264402.9		19215.4		7907.9		-13.6	
st		24		-264402.9		19215.4		7907.9		-18.2	
sc		26		-264402.9		19215.4		7907.9		-243.0	
Sommità											
sc Max		26		-264402.9		19215.4		7907.9		-16.2	
sc Med		26		-264402.9		19215.4		7907.9		-13.6	
st		24		-264402.9		19215.4		7907.9		-18.2	
sc		26		-264402.9		19215.4		7907.9		-243.0	

Relazione di Calcolo

ALLEGATO A.4 - 2 - Setti zone critiche

Residenza Carlo Mollino

Base		26	-230508.2	8357.9	12850.8	-17.3
sc	Max	26	-230508.2 <td>8357.9<td>12850.8<td>-12.2</td></td></td>	8357.9 <td>12850.8<td>-12.2</td></td>	12850.8 <td>-12.2</td>	-12.2
sc	Med	24	-230508.2 <td>8357.9<td>12850.8<td>-146.5</td></td></td>	8357.9 <td>12850.8<td>-146.5</td></td>	12850.8 <td>-146.5</td>	-146.5
	st	26	-230508.2 <td>8357.9<td>12850.8<td>-259.2</td></td></td>	8357.9 <td>12850.8<td>-259.2</td></td>	12850.8 <td>-259.2</td>	-259.2
	sc	26	-230508.2 <td>8357.9<td>12850.8<td>-259.2</td></td></td>	8357.9 <td>12850.8<td>-259.2</td></td>	12850.8 <td>-259.2</td>	-259.2
Sommità		26	-230508.2	8357.9	12850.8	-17.3
sc	Max	26	-230508.2 <td>8357.9<td>12850.8<td>-12.2</td></td></td>	8357.9 <td>12850.8<td>-12.2</td></td>	12850.8 <td>-12.2</td>	-12.2
sc	Med	24	-230508.2 <td>8357.9<td>12850.8<td>-146.5</td></td></td>	8357.9 <td>12850.8<td>-146.5</td></td>	12850.8 <td>-146.5</td>	-146.5
	st	26	-230508.2 <td>8357.9<td>12850.8<td>-259.2</td></td></td>	8357.9 <td>12850.8<td>-259.2</td></td>	12850.8 <td>-259.2</td>	-259.2
	sc	26	-230508.2 <td>8357.9<td>12850.8<td>-259.2</td></td></td>	8357.9 <td>12850.8<td>-259.2</td></td>	12850.8 <td>-259.2</td>	-259.2

AVerifiche a taglio dei diaframmi

Diaframma		B	H	Comb.	V _u	α	V _{u2}	N _u	M _{u2}	M _{u3}	V _{u2}	V _{u3}	V _{u2}	V _{u3}	S/R	
[m]		[m]	[m]	critica	[kg]		[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	
6604-6608-6612	1.00	0.50	15	-1149.12	1.00	-1149.12	5727.71	863.8	129836.9	38634.6					0.0	0.30
7800-8474-6599-6604	1.50	0.50	18	7573.3	1.00	7370.3	-8077.72	-616.21	19676.2	58549.4	0.0	0.13			0.0	0.24
6466-7417-7080	1.00	0.50	13	9706.6	1.00	9706.6	85856.7	3697.9	129836.9	38634.6					0.0	0.24
6466-7470-6474-6481	1.50	0.50	13	-4529.4	1.00	-4529.4	-5657.91	-3697.6	19676.2	58549.4	0.0	0.13			0.0	0.08

Nodi	Sezione			B	H	Spessore	Armatura	
	Numero	[cm]	[cm]				Verticale	Orizzontale
1584 1585	22	50	50	30	2x ø 20 15'	30	2x ø 12 20'	2x ø 12 20'
1584 1601	22	50	50	30	2x ø 20 15'	30	2x ø 12 20'	2x ø 12 20'
1585 1586	22	50	50	30	2x ø 20 15'	30	2x ø 12 20'	2x ø 12 20'
1585 1587	22	50	50	30	2x ø 20 15'	30	2x ø 12 20'	2x ø 12 20'
1601 1605	22	50	50	30	2x ø 20 15'	30	2x ø 12 20'	2x ø 12 20'
1605 1609	21	50	50	30	2x ø 14 20'	30	2x ø 12 20'	2x ø 12 20'
1609 1613	21	50	50	30	2x ø 14 20'	30	2x ø 12 20'	2x ø 12 20'
1613 1617	21	50	50	30	2x ø 14 20'	30	2x ø 12 20'	2x ø 12 20'
1617 1621	22	50	50	30	2x ø 20 15'	30	2x ø 12 20'	2x ø 12 20'
1621 1625	22	50	50	30	2x ø 20 15'	30	2x ø 12 20'	2x ø 12 20'

Sezione	Comb.	N _u	M _u	M ₁₂	M ₁₃	Sd/Sr
Base	1	-332555.4	13231.7	14550.8	0.12	
Sommità	1	-330117.8	10927.1	12004.3	0.12	

S.L.E.	Combinazione	N	M ₁₂	M ₁₃	σ
Base					
sc Max	26	-226758.1	6695.0	9510.1	-15.8
sc Med	26	-226758.1	6695.0	9510.1	-12.0
st	24	-226758.1	6695.0	9510.1	-153.9
sc	26	-226758.1	6695.0	9510.1	-236.2
Sommità					
sc Max	26	-226758.1	6695.0	9510.1	-15.8
sc Med	26	-226758.1	6695.0	9510.1	-12.0
st	24	-226758.1	6695.0	9510.1	-153.9
sc	26	-226758.1	6695.0	9510.1	-236.2

AAVerifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _u	α	V _u	N _u	M ₁₂	M ₁₃	V _u	V _u	S/R
	[m]	[m]	critica	[kg]		[kg]	[cm]	[kg/m]	[kg/m]	[kg]	[kg]	
1617-1621-1625	1.00	0.50	15	-4707.2	1.00	-4707.2	-49668.1	933.1	129836.9	38634.6	0.0	0.17
1605-1609-1613-1617	1.50	0.50	18	9344.4	1.00	9344.4	-77966.4	-4254.7	196763.2	58549.4	0.0	0.16
1584-1601-1605	1.00	0.50	13	7025.7	1.00	7025.7	-70675.6	-1661.9	129836.9	38634.6	0.0	0.18
1584-1585-1586-1587	1.50	0.50	13	-7964.5	1.00	-7964.5	-61628.8	-50117.1	196763.2	58549.4	0.0	0.14

ANUCLEO 1734 1735 1750 1736 1737 1754 1758 1762 1766 1770 1774 / Nodi: 1734 1735 1750 1736 1737 1754 1758 1762 1766 1770 1774

Nodi	Sezione	B	H	Spessore	Armatura	Armatura
	Numero	[cm]	[cm]	[cm]	Verticale	Orizzontale
1734 1735	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1734 1750	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1735 1736	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1736 1737	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1750 1754	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1754 1758	21	50	50	30	2x ø 14 20'	2x ø 12 20'
1758 1762	21	50	50	30	2x ø 14 20'	2x ø 12 20'
1762 1766	21	50	50	30	2x ø 14 20'	2x ø 12 20'
1766 1770	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1770 1774	22	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _u	M ₁₂	M ₁₃	Sd/Sr
Base	1	-330117.9	10927.1	12004.3	0.12
Sommità	1	-327680.4	8622.5	9457.8	0.12

S.L.E.	Combinazione	N	M ₁₂	M ₁₃	σ
Base					
sc Max	26	-224883.1	5863.5	7839.3	-15.0
sc Med	26	-224883.1	5863.5	7839.3	-11.9
st	24	-224883.1	5863.5	7839.3	-157.6

sc	26	-224883.1	5863.5	7839.3	-224.7
Sommità					
sc Max	26	-224883.1	5863.5	7839.3	-15.0
sc Med	26	-224883.1	5863.5	7839.3	-11.9
st	24	-224883.1	5863.5	7839.3	-157.6
sc	26	-224883.1	5863.5	7839.3	-224.7

AAVerifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _u	α	V _u	N _u	M ₁₂	M ₁₃	V _u	V _u	S/R
	[m]	[m]	critica	[kg]		[kg]	[cm]	[kg/m]	[kg/m]	[kg]	[kg]	
1766-1770-1774	1.00	0.50	15	-3613.3	1.00	-3613.3	-46728.9	363.4	129836.9	38634.6	0.0	0.09
1754-1758-1762-1766	1.50	0.50	18	9581.0	1.00	9581.0	-76645.7	-3296.4	196763.2	58549.4	0.0	0.16
1754-1750-1754	1.00	0.50	13	6690.4	1.00	6690.4	63798.8	-1242.0	129836.9	38634.6	0.0	0.17
1734-1735-1736-1737	1.50	0.50	13	-8502.5	1.00	-8502.5	-63904.6	-56523.6	196763.2	58549.4	0.0	0.15

ANUCLEO 1883 1884 1899 1885 1886 1904 1908 1912 1916 1920 1924 / Nodi: 1883 1884 1899 1885 1886 1904 1908 1912 1916 1920 1924

Nodi	Sezione	B	H	Spessore	Armatura	Armatura
	Numero	[cm]	[cm]	[cm]	Verticale	Orizzontale
1883 1884	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1883 1899	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1884 1885	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1885 1886	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1889 1904	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1904 1908	21	50	50	30	2x ø 14 20'	2x ø 12 20'
1908 1912	21	50	50	30	2x ø 14 20'	2x ø 12 20'
1912 1916	21	50	50	30	2x ø 14 20'	2x ø 12 20'
1916 1920	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1920 1924	22	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _u	M ₁₂	M ₁₃	Sd/Sr
Base	1	-327680.4	8622.5	9457.8	0.12
Sommità	1	-325242.9	6317.8	6914.2	0.11

S.L.E.	Combinazione	N	M ₁₂	M ₁₃	σ
Base					
sc Max	26	-223008.1	5032.0	6168.5	-14.2
sc Med	26	-223008.1	5032.0	6168.5	-11.8
st	24	-223008.1	5032.0	6168.5	-161.3
sc	26	-223008.1	5032.0	6168.5	-213.2
Sommità					
sc Max	26	-223008.1	5032.0	6168.5	-14.2
sc Med	26	-223008.1	5032.0	6168.5	-11.8
st	24	-223008.1	5032.0	6168.5	-161.3
sc	26	-223008.1	5032.0	6168.5	-213.2

AAVerifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _u	α	V _u	N _u	M ₁₂	M ₁₃	V _u	V _u	S/R
	[m]	[m]	critica	[kg]		[kg]	[cm]	[kg/m]	[kg/m]	[kg]	[kg]	
1916-1920-1924	1.00	0.50	18	3712.5	1.00	3712.5	-40382.2	-883.3	129836.9	38634.6	0.0	0.10
1904-1908-1912-1916	1.50	0.50	18	9503.6	1.00	9503.6	175497.9	-2406.2	196763.2	58549.4	0.0	0.16
1883-1899-1904	1.00	0.50	13	6298.2	1.00	6298.2	-56800.5	-7944.1	129836.9	38634.6	0.0	0.16
1883-1884-1885-1886	1.50	0.50	13	-8499.9	1.00	-8499.9	-66870.0	-63929.3	196763.2	58549.4	0.0	0.15

ANUCLEO 2033 2034 2049 2035 2036 2053 2057 2061 2065 2069 2073 / Nodi: 2033 2034 2049 2035 2036 2053 2057 2061 2065 2069 2073

Nodi	Sezione	B	H	Spessore	Armatura	Armatura
	Numero	[cm]	[cm]	[cm]	Verticale	Orizzontale
2033 2034	22	50	50	30	2x ø 20 15'	2x ø 12 20'

41	24	-219581	3369.1	2827.5	-168.6
sc	26	-219581	3369.1	2827.5	-190.2

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _e	α	V _{ed}	N _{ed}	M _{ed}	V _{ed}	V _{ed}	V _{ed}	S/R
	[m]	[m]	critica			[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	
2215-2219-2223	1.00	0.50	18	8102.1	1.00	8102.1	46595.6	-147.9	129836.9	38634.6	0.0	0.21
2203-2207-2211-2215	1.50	0.50	13	7704.2	1.00	7704.2	66342.5	-279.0	196763.2	58549.4	0.0	0.13
2192-2198-2203	1.00	0.50	16	5045.7	1.00	5045.7	47072.2	-239.4	129836.9	38634.6	0.0	0.13
2182-2183-2184-2185	1.50	0.50	13	6487.3	1.00	6487.3	71372.1	-75518.1	196763.2	58549.4	0.0	0.11

▲NUCLEO 2332 2333 2348 2335 2352 2356 2360 2364 2368 2372 / Nodi: 2332 2333 2348 2334 2335 2352 2356 2360 2364 2368 2372

▲Armature Nucleo

Nodi		Sezione	B	H	Spessore	Armatura Verticale	Armatura Orizzontale
		Numero	[cm]	[cm]	[cm]		
2332 2333	22	50	50	30	2x ø 20 15'	2x ø 12 20'	
2332 2348	22	50	50	30	2x ø 20 15'	2x ø 12 20'	
2333 2334	22	50	50	30	2x ø 20 15'	2x ø 12 20'	
2334 2335	22	50	50	30	2x ø 20 15'	2x ø 12 20'	
2348 2352	22	50	50	30	2x ø 20 15'	2x ø 12 20'	
2352 2356	21	50	50	30	2x ø 14 20'	2x ø 12 20'	
2356 2360	21	50	50	30	2x ø 14 20'	2x ø 12 20'	
2360 2364	21	50	50	30	2x ø 14 20'	2x ø 12 20'	
2364 2368	22	50	50	30	2x ø 20 15'	2x ø 12 20'	
2368 2372	22	50	50	30	2x ø 20 15'	2x ø 12 20'	

Sezione		Comb.	N _{ed}	M _{ed}	M _{ed}	Sd/Sr
			[kg]	[kg]	[kg]	
Base	1	-320367.9	1788.5	1822.9	0.10	
Sommità	1	-317930.4	-596.1	-723.5	0.10	

S.L.E.		Combinazione	N	M _{ed}	M _{ed}	σ
			[kg]	[kg]	[kg]	[kg/cm ²]
Base						
sc Max	26	-217383.1	2537.6	1156.7	-11.9	
sc Med	26	-217383.1	2537.6	1156.7	-11.5	
st	24	-217383.1	2537.6	1156.7	-170.1	
sc	26	-217383.1	2537.6	1156.7	-178.8	
Sommità						
sc Max	26	-217383.1	2537.6	1156.7	-11.9	
sc Med	26	-217383.1	2537.6	1156.7	-11.5	
st	24	-217383.1	2537.6	1156.7	-170.1	
sc	26	-217383.1	2537.6	1156.7	-178.8	

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{ed}	α	V _{ed}	N _{ed}	M _{ed}	V _{ed}	V _{ed}	V _{ed}	S/R
	[m]	[m]	critica	[kg]		[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	
2364-2368-2372	1.00	0.50	18	12020.3	1.00	12020.3	-50002.1	133.9	129836.9	38634.6	0.0	0.31
2352-2356-2360-2364	1.50	0.50	16	-6818.7	1.00	-6818.7	-46955.7	-1452.2	196763.2	58549.4	0.0	0.12
2332-2348-2352	1.00	0.50	16	-6041.8	1.00	-6041.8	-50602.7	-528.3	129836.9	38634.6	0.0	0.16
2332-2333-2334-2335	1.50	0.50	16	4979.0	1.00	4979.0	-55815.6	-52477.7	196763.2	58549.4	0.0	0.09

▲NUCLEO 6566 6570 7241 6574 6581 6591 6499 6504 6508 6512 / Nodi: 6566 6570 7241 6574 6581 6591 6499 6504 6508 6512

▲Armature Nucleo

Nodi		Sezione	B	H	Spessore	Armatura Verticale	Armatura Orizzontale
		Numero	[cm]	[cm]	[cm]		
6566 6570	32	50	50	30	2x ø 20 15'	2x ø 12 20'	
6566 7241	32	50	50	30	2x ø 20 15'	2x ø 12 20'	
6570 6574	32	50	50	30	2x ø 20 15'	2x ø 12 20'	
6574 6581	32	50	50	30	2x ø 20 15'	2x ø 12 20'	
7241 6591	32	50	50	30	2x ø 20 15'	2x ø 12 20'	
6591 6595	31	50	50	30	2x ø 14 20'	2x ø 12 20'	

2033 2049	22	50	50	30	2x ø 20 15'	2x ø 12 20'
2034 2035	22	50	50	30	2x ø 20 15'	2x ø 12 20'
2035 2036	22	50	50	30	2x ø 20 15'	2x ø 12 20'
2049 2053	22	50	50	30	2x ø 20 15'	2x ø 12 20'
2053 2057	21	50	50	30	2x ø 14 20'	2x ø 12 20'
2057 2061	21	50	50	30	2x ø 14 20'	2x ø 12 20'
2061 2065	21	50	50	30	2x ø 14 20'	2x ø 12 20'
2065 2069	22	50	50	30	2x ø 20 15'	2x ø 12 20'
2069 2073	22	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione		Comb.	N _{ed}	M _{ed}	M _{ed}	Sd/Sr
			[kg]	[kg]	[kg]	
Base	1	-325242.9	6317.8	6913.2	0.11	
Sommità	1	-322805.4	4013.1	4368.3	0.11	

S.L.E.		Combinazione	N	M _{ed}	M _{ed}	σ
			[kg]	[kg]	[kg]	[kg/cm ²]
Base						
sc Max	26	-221133.1	4200.5	4498.0	-13.4	
sc Med	26	-221133.1	4200.5	4498.0	-11.7	
st	24	-221133.1	4200.5	4498.0	-164.9	
sc	26	-221133.1	4200.5	4498.0	-201.7	
Sommità						
sc Max	26	-221133.1	4200.5	4498.0	-13.4	
sc Med	26	-221133.1	4200.5	4498.0	-11.7	
st	24	-221133.1	4200.5	4498.0	-164.9	
sc	26	-221133.1	4200.5	4498.0	-201.7	

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{ed}	V _{ed}	α	V _{ed}	N _{ed}	M _{ed}	V _{ed}	V _{ed}	V _{ed}	S/R
	[m]	[m]	critica	[kg]	[kg]		[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	
2065-2069-2073	1.00	0.50	18	4985.4	1.00	4985.4	-43393.0	-415.0	129836.9	38634.6	0.0	0.13	
2053-2057-2061-2065	1.50	0.50	18	8925.2	1.00	8925.2	-74428.1	-1400.8	196763.2	58549.4	0.0	0.15	
2033-2049-2053	1.00	0.50	13	5603.5	1.00	5603.5	51287.4	-426.1	129836.9	38634.6	0.0	0.15	
2033-2034-2035-2036	1.50	0.50	13	-7933.0	1.00	-7933.0	69338.4	69969.0	196763.2	58549.4	0.0	0.14	

▲NUCLEO 2182 2183 2198 2184 2185 2203 2207 2211 2215 2219 2223 / Nodi: 2182 2183 2198 2184 2185 2203 2207 2211 2215 2219 2223

▲Armature Nucleo

Nodi		Sezione	B	H	Spessore	Armatura Verticale	Armatura Orizzontale
		Numero	[cm]	[cm]	[cm]		
2182 2183	22	50	50	30	2x ø 20 15'	2x ø 12 20'	
2182 2198	22	50	50	30	2x ø 20 15'	2x ø 12 20'	
2183 2184	22	50	50	30	2x ø 20 15'	2x ø 12 20'	
2184 2185	22	50	50	30	2x ø 20 15'	2x ø 12 20'	
2198 2203	22	50	50	30	2x ø 20 15'	2x ø 12 20'	
2203 2207	21	50	50	30	2x ø 14 20'	2x ø 12 20'	
2207 2211	21	50	50	30	2x ø 14 20'	2x ø 12 20'	
2211 2215	21	50	50	30	2x ø 14 20'	2x ø 12 20'	
2215 2219	22	50	50	30	2x ø 20 15'	2x ø 12 20'	
2219 2223	22	50	50	30	2x ø 20 15'	2x ø 12 20'	

Sezione		Comb.	N _{ed}	M _{ed}	M _{ed}	Sd/Sr
			[kg]	[kg]	[kg]	
Base	1	-322805.1	4013.1	4368.9	0.11	
Sommità	1	-320367.9	1788.5	1822.4	0.10	

S.L.E.		Combinazione	N	M _{ed}	M _{ed}	σ
			[kg]	[kg]	[kg]	[kg/cm ²]
Base						
sc Max	26	-219258.1	3369.1	2827.5	-12.7	
sc Med	26	-219258.1	3369.1	2827.5	-11.6	
st	24	-219258.1	3369.1	2827.5	-168.6	
sc	26	-219258.1	3369.1	2827.5	-190.2	
Sommità						
sc Max	26	-219258.1	3369.1	2827.5	-12.7	
sc Med	26	-219258.1	3369.1	2827.5	-11.6	

6595 6499	31	50	50	30	2x ø 14 20'	2x ø 12 20'
6499 6504	31	50	50	30	2x ø 14 20'	2x ø 12 20'
6504 6508	32	50	50	30	2x ø 20 15'	2x ø 12 20'
6508 6512	32	50	50	30	2x ø 20 15'	2x ø 12 20'
Sezione						
Base	13	-182506.9	37418.6	24627.6	0.09	
Sommità	1	-257959.6	21589.2	2345.6	0.09	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgcm]	M ₁₃ [kgcm]	σ [kg/cm²]
Base					
sc Max	26	-177257.2	15097.7	1885.6	-10.5
sc Med	26	-177257.2	15097.7	1885.6	-9.4
st	24	-177257.2	15097.7	1885.6	-119.2
sc	26	-177257.2	15097.7	1885.6	-156.5
Sommità					
sc Max	26	-177257.2	15097.7	1885.6	-10.5
sc Med	26	-177257.2	15097.7	1885.6	-9.4
st	24	-177257.2	15097.7	1885.6	-119.2
sc	26	-177257.2	15097.7	1885.6	-156.5

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _u [kg]	α	N _u [kg]	M ₁₂ [kgcm]	M ₁₃ [kgcm]	V _{red} [kg]	V _{max} [kg]	V _{max/limite} S/R
6504-6508-6512	1.00	0.50	15	-7870.4	1.00	-7870.4	-36963.8	387.7	129836.9	38634.6	0.0 0.20
6591-6595-6499-6504	1.50	0.50	18	5852.6	1.00	5852.6	-58826.6	-3985.6	196763.2	58549.4	0.0 0.10
6566-7243-6591	1.00	0.50	13	6778.4	1.00	6778.4	-5947.6	-1548.9	129836.9	38634.6	0.0 0.18
6566-6570-6574-6581	1.50	0.50	16	7816.0	1.00	7816.0	-64471.2	-77909.2	196763.2	58549.4	0.0 0.13

ANUCLEO 2481 2482 2497 2483 2484 2502 2506 2510 2514 2518 2522 / Nodi: 2481 2482 2497 2483 2484 2502 2506 2510 2514 2518 2522

▲ Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
2481 2482	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2481 2497	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2482 2483	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2483 2484	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2497 2502	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2483 2506	31	50	50	30	2x ø 14 20'	2x ø 12 20'
2506 2510	31	50	50	30	2x ø 14 20'	2x ø 12 20'
2510 2514	31	50	50	30	2x ø 14 20'	2x ø 12 20'
2514 2518	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2518 2522	32	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _u [kg]	M ₁₂ [kgcm]	M ₁₃ [kgcm]	Sd/Sr
Base	1	-257959.6	21589.2	2345.1	0.09
Sommità	1	-255522.1	16423	1711.8	0.08

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgcm]	M ₁₃ [kgcm]	σ [kg/cm²]
Base					
sc Max	26	-175382.2	12241.0	1476.1	-10.2
sc Med	26	-175382.2	12241.0	1476.1	-9.3
st	24	-175382.2	12241.0	1476.1	-121.7
sc	26	-175382.2	12241.0	1476.1	-152.3
Sommità					
sc Max	26	-175382.2	12241.0	1476.1	-10.2
sc Med	26	-175382.2	12241.0	1476.1	-9.3
st	24	-175382.2	12241.0	1476.1	-121.7
sc	26	-175382.2	12241.0	1476.1	-152.3

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _u [kg]	α	N _u [kg]	M ₁₂ [kgcm]	M ₁₃ [kgcm]	V _{red} [kg]	V _{max} [kg]	V _{max/limite} S/R
2514-2518-2522	1.00	0.50	18	6804.9	1.00	6804.9	-27314.8	-7759.7	129836.9	38634.6	0.0 0.18
2502-2506-2510-2514	1.50	0.50	18	7966.4	1.00	7966.4	-58064.7	-2563.9	196763.2	58549.4	0.0 0.14
2481-2497-2502	1.00	0.50	13	5729.5	1.00	5729.5	-53952.9	-1210.4	129836.9	38634.6	0.0 0.15
2481-2482-2483-2484	1.50	0.50	16	7530.1	1.00	7530.1	-60857.5	-71645.4	196763.2	58549.4	0.0 0.13

ANUCLEO 2631 2632 2647 2633 2634 2651 2655 2659 2663 2667 2671 / Nodi: 2631 2632 2647 2633 2634 2651 2655 2659 2663 2667 2671

▲ Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
2631 2632	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2631 2647	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2632 2633	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2633 2634	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2647 2651	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2651 2655	31	50	50	30	2x ø 14 20'	2x ø 12 20'
2655 2659	31	50	50	30	2x ø 14 20'	2x ø 12 20'
2659 2663	31	50	50	30	2x ø 14 20'	2x ø 12 20'
2663 2667	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2667 2671	32	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _u [kg]	M ₁₂ [kgcm]	M ₁₃ [kgcm]	Sd/Sr
Base	1	-255522.0	16342.3	1711.9	0.08
Sommità	1	-253084.5	11095.5	1077.6	0.08

S.L.E.

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]	
Base						
	sc Max	26	-173507.2	9384.4	1066.4	-9.9
	sc Med	26	-173507.2	9384.4	1066.4	-9.2
	st	24	-173507.2	9384.4	1066.4	-124.3
Sommità						
	sc	26	-173507.2	9384.4	1066.4	-148.1
sc Max		26	-173507.2	9384.4	1066.4	-9.9
	sc Med	26	-173507.2	9384.4	1066.4	-9.2
	st	24	-173507.2	9384.4	1066.4	-124.3
	sc	26	-173507.2	9384.4	1066.4	-148.1

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _u [kg]	α	N _u [kg]	M ₁₂ [kgcm]	M ₁₃ [kgcm]	V _{red} [kg]	V _{max} [kg]	V _{max/limite} S/R
2663-2667-2671	1.00	0.50	18	5931.1	1.00	5931.1	-30529.8	-511.0	129836.9	38634.6	0.0 0.13
2651-2655-2659-2663	1.50	0.50	18	10020.8	1.00	10020.8	-57292.1	-1724.6	196763.2	58549.4	0.0 0.17
2631-2647-2651	1.00	0.50	13	5370.6	1.00	5370.6	-48070.0	-841.3	129836.9	38634.6	0.0 0.14
2631-2632-2633-2634	1.50	0.50	16	7721.6	1.00	7721.6	-57269.2	-65241.8	196763.2	58549.4	0.0 0.13

ANUCLEO 2780 2781 2796 2782 2783 2801 2805 2809 2813 2817 2821 / Nodi: 2780 2781 2796 2782 2783 2801 2805 2809 2813 2817 2821

▲ Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
2780 2781	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2780 2796	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2781 2782	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2782 2783	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2796 2801	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2801 2805	31	50	50	30	2x ø 14 20'	2x ø 12 20'
2805 2809	31	50	50	30	2x ø 14 20'	2x ø 12 20'
2809 2813	31	50	50	30	2x ø 14 20'	2x ø 12 20'
2813 2817	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2817 2821	32	50	50	30	2x ø 20 15'	2x ø 12 20'

2950-2954-2958-2962	1.50	0.50	18	10809.9	1.00	10809.9	-55841.2	703.1	196763.2	58549.4	0.0	0.18
2930-2945-2950	1.00	0.50	13	5060.6	1.00	5060.6	-35104.7	-20.0	129836.9	38634.6	0.0	0.13
2930-2931-2932-2933	1.50	0.50	16	7901.1	1.00	7901.1	-49619.6	-51195.6	196763.2	58549.4	0.0	0.13

ANUCLEO 3079 3080 3095 3081 3082 3099 3104 3108 3112 3116 3120 / Nodi: 3079 3080 3095 3081 3082 3099 3104 3108 3112 3116 3120

AArmature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
3079 3080	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3079 3095	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3080 3081	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3081 3082	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3095 3099	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3099 3104	31	50	50	30	2x ø 14 20'	2x ø 12 20'
3104 3108	31	50	50	30	2x ø 14 20'	2x ø 12 20'
3108 3112	31	50	50	30	2x ø 14 20'	2x ø 12 20'
3112 3116	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3116 3120	32	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _u [kg]	M _{u2} [kgm]	M _{u3} [kgm]	Sd/Sr
Base	1	-248209.6	601.9	-190.3	0.08
Sommità	1	-245772.1	-4644.9	-824.6	0.08

S.L.E.	Combinazione	N [kg]	M _{u2} [kgm]	M _{u3} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-167882.1	814.4	-160.3	-9.0
sc Med	26	-167882.1	814.4	-160.3	-8.9
st	24	-167882.1	814.4	-160.3	-131.9
sc	26	-167882.1	814.4	-160.3	-135.4
Sommità					
sc Max	26	-167882.1	814.4	-160.3	-9.0
sc Med	26	-167882.1	814.4	-160.3	-8.9
st	24	-167882.1	814.4	-160.3	-131.9
sc	26	-167882.1	814.4	-160.3	-135.4

Sezione	Comb.	N _u [kg]	M _{u2} [kgm]	M _{u3} [kgm]	Sd/Sr
Base	1	-248209.6	601.9	-190.3	0.08
Sommità	1	-245772.1	-4644.9	-824.6	0.08

AAVerifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _c critica	α	V _u [kg]	N _{u2} [kg]	M _{u2} [kg]	V _{u3} [kg]	M _{u3} [kg]	V _{u3} V _{u3max} S/R
3112-3116-3120	1.00	0.50	18	5922.8	1.00	59228	40657.7	258.1	129836.9	38634.6	0.0 0.15
3099-3104-3108-3112	1.50	0.50	18	10110.2	1.00	10101.2	55179.2	871.1	196763.2	58549.4	0.0 0.17
3079-3095-3099	1.00	0.50	13	4461.2	1.00	44621.2	-30145.0	285.8	129836.9	38634.6	0.0 0.12
3079-3080-3081-3082	1.50	0.50	16	7729.1	1.00	7729.1	-46263.4	-45571.8	196763.2	58549.4	0.0 0.13

ANUCLEO 3229 3230 3245 3231 3232 3249 3253 3257 3261 3265 3269 / Nodi: 3229 3230 3245 3231 3232 3249 3253 3257 3261 3265 3269

AArmature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
3229 3230	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3229 3245	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3230 3231	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3231 3232	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3245 3249	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3249 3253	31	50	50	30	2x ø 14 20'	2x ø 12 20'
3253 3257	31	50	50	30	2x ø 14 20'	2x ø 12 20'
3257 3261	31	50	50	30	2x ø 14 20'	2x ø 12 20'
3261 3265	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3265 3269	32	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _u [kg]	M _{u2} [kgm]	M _{u3} [kgm]	Sd/Sr
Base	1	-245772.1	-4644.9	-824.1	0.08
Sommità	1	-243334.6	-9861.7	-1459.2	0.08

Sezione	Comb.	N _u [kg]	M _{u2} [kgm]	M _{u3} [kgm]	Sd/Sr
Base	1	-253084.6	11095.6	1077.2	0.08
Sommità	1	-250647.0	5848.7	443.3	0.08

S.L.E.	Combinazione	N [kg]	M _{u2} [kgm]	M _{u3} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-171632.2	6527.7	657.8	-9.6
sc Med	26	-171632.2	6527.7	657.8	-9.1
st	24	-171632.2	6527.7	657.8	-126.8
sc	26	-171632.2	6527.7	657.8	-143.8
Sommità					
sc Max	26	-171632.2	6527.7	657.8	-9.6
sc Med	26	-171632.2	6527.7	657.8	-9.1
st	24	-171632.2	6527.7	657.8	-126.8
sc	26	-171632.2	6527.7	657.8	-143.8

AAVerifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _u	α	V _u	N _{u2}	M _{u2}	V _{u3}	M _{u3}	V _{u3}	V _{u3} V _{u3max} S/R
				critica			[kg]	[kg]		[kg]	[kg]	[kg]
2813-2817-2821	1.00	0.50	18	4336.6	1.00	4336.6	-34011.2	-247.1	129836.9	38634.6	0.0	0.11
2801-2805-2809-2813	1.50	0.50	18	10762.9	1.00	10762.9	-56577.2	-834.1	196763.2	58549.4	0.0	0.18
2780-2796-2801	1.00	0.50	13	5300.8	1.00	5300.8	-4782.8	-441.3	129836.9	38634.6	0.0	0.14
2780-2781-2782-2783	1.50	0.50	16	7909.6	1.00	7909.6	-53486.6	-58368.8	196763.2	58549.4	0.0	0.14

ANUCLEO 2930 2931 2946 2932 2933 2950 2954 2958 2962 2966 2970 / Nodi: 2930 2931 2946 2932 2933 2950 2954 2958 2962 2966 2970

AArmature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
2930 2931	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2930 2946	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2931 2932	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2932 2933	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2946 2950	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2950 2954	31	50	50	30	2x ø 14 20'	2x ø 12 20'
2954 2958	31	50	50	30	2x ø 14 20'	2x ø 12 20'
2958 2962	31	50	50	30	2x ø 14 20'	2x ø 12 20'
2962 2966	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2966 2970	32	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _u [kg]	M _{u2} [kgm]	M _{u3} [kgm]	Sd/Sr
Base	1	-250647.1	5848.7	444.0	0.08
Sommità	1	-248209.6	602.0	-191.7	0.08

S.L.E.	Combinazione	N [kg]	M _{u2} [kgm]	M _{u3} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-169757.2	3671.0	248.6	-9.3
sc Med	26	-169757.2	3671.0	248.6	-9.0
st	24	-169757.2	3671.0	248.6	-129.3
sc	26	-169757.2	3671.0	248.6	-139.6
Sommità					
sc Max	26	-169757.2	3671.0	248.6	-9.3
sc Med	26	-169757.2	3671.0	248.6	-9.0
st	24	-169757.2	3671.0	248.6	-129.3
sc	26	-169757.2	3671.0	248.6	-139.6

AAVerifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _u critica [kg]	α	V _u [kg]	N _u [kg]	M _u [kgm]	V _{u3} [kg]	M _{u3} [kgm]	V _{u3max} S/R	
											V _{u3} [kg]	V _{u3} [kg]
2962-2966-2970	1.00	0.50	18	4534.2	1.00	4534.2	-37359.9	20.8	129836.9	38634.6	0.0	0.12

▲ NUCLEO 6666 6670 7341 6674 6681 6291 6299 6304 6308 6312 / Nodi: 6666 6670 7341 6674 6681 6291
6295 6299 6304 6308 6312

▲ Armature Nucleo

Nodi	Stazione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
6666 6670	42	50	30	30	2x ø 20 15'	2x ø 12 20'
6666 7341	42	50	30	30	2x ø 20 15'	2x ø 12 20'
6670 6674	42	50	30	30	2x ø 20 15'	2x ø 12 20'
6674 6681	42	50	30	30	2x ø 20 15'	2x ø 12 20'
7341 6291	42	50	30	30	2x ø 20 15'	2x ø 12 20'
6291 6295	41	50	30	30	2x ø 14 20'	2x ø 12 20'
6295 6304	41	50	30	30	2x ø 14 20'	2x ø 12 20'
6304 6308	42	50	30	30	2x ø 14 20'	2x ø 12 20'
6308 6312	42	50	30	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	13	-123822.6	26566.0	21226.9	0.07
Sommità	1	-175779.9	19819.7	5063.9	0.06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-120598.6	15323.3	4470.2	-7.8
sc Med	26	-120598.6	15323.3	4470.2	-6.4
st	24	-120598.6	15323.3	4470.2	-77.0
sc	26	-120598.6	15323.3	4470.2	-116.0
Sommità					
sc Max	26	-120598.6	15323.3	4470.2	-7.8
sc Med	26	-120598.6	15323.3	4470.2	-6.4
st	24	-120598.6	15323.3	4470.2	-77.0
sc	26	-120598.6	15323.3	4470.2	-116.0

▲ Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _c	α	V _{ed}	N ₁₄	M ₁₂	V _{red}	V _{red}	S/R	
	[m]	[m]	critica	[kg]		[kg]	[kgm]	[kgm]	[kg]	[kg]		
6304-6308-6312	1.00	0.50	18	9502.9	1.00	9502.9	-16900.1	-663.0	129836.9	38634.6	0.0	0.25
6291-6295-6299-6304	1.50	0.50	13	5395.6	1.00	5395.6	-41477.5	-3459.8	196763.2	58549.4	0.0	0.09
6666-7341-6291	1.00	0.50	13	6032.7	1.00	6032.7	-43349.6	-1224.6	129836.9	38634.6	0.0	0.16
6666-6670-6674-6681	1.50	0.50	16	62241.1	1.00	62241.1	-43941.8	-51419.5	196763.2	58549.4	0.0	0.11

▲ NUCLEO 3528 3529 3544 3530 3531 3548 3552 3556 3560 3564 3568 / Nodi: 3528 3529 3544 3530 3531 3548
3552 3556 3560 3564 3568

▲ Armature Nucleo

Nodi	Stazione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
3528 3529	42	50	50	30	2x ø 20 15'	2x ø 12 20'
3528 3544	42	50	50	30	2x ø 20 15'	2x ø 12 20'
3529 3530	42	50	50	30	2x ø 20 15'	2x ø 12 20'
3530 3531	42	50	50	30	2x ø 20 15'	2x ø 12 20'
3544 3548	42	50	50	30	2x ø 20 15'	2x ø 12 20'
3548 3552	41	50	50	30	2x ø 14 20'	2x ø 12 20'
3552 3556	41	50	50	30	2x ø 14 20'	2x ø 12 20'
3556 3560	41	50	50	30	2x ø 14 20'	2x ø 12 20'
3560 3564	42	50	50	30	2x ø 20 15'	2x ø 12 20'
3564 3568	42	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-175779.9	19819.7	5063.6	0.06
Sommità	1	-173942.3	12709.3	3372.4	0.06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
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S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-166007.1	-2042.3	-569.7	-9.0
sc Med	26	-166007.1	-2042.3	-569.7	-8.8
st	24	-166007.1	-2042.3	-569.7	-129.6
sc	26	-166007.1	-2042.3	-569.7	-134.6
Sommità					
sc Max	26	-166007.1	-2042.3	-569.7	-9.0
sc Med	26	-166007.1	-2042.3	-569.7	-8.8
st	24	-166007.1	-2042.3	-569.7	-129.6
sc	26	-166007.1	-2042.3	-569.7	-134.6

▲ Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{ce}	α	V _{ed}	N ₁₄	M ₁₂	V _{red}	V _{max}	V _{max} normata	S/R
	[m]	[m]	[critica]	[kg]		[kg]	[kgm]	[kgm]	[kg]	[kg]	[kg]	
3261-3265-3269	1.00	0.50	18	19433.1	1.00	9343.1	-48784.4	5022	129836.9	38634.6	0.0	0.24
3249-3253-3257-3261	1.50	0.50	18	7923.9	1.00	7923.9	-54517.9	1695.0	196763.2	58549.4	0.0	0.14
3229-3245-3249	1.00	0.50	13	3613.4	1.00	3613.4	-24603.0	631.0	129836.9	38634.6	0.0	0.09
3229-3230-3231-3232	1.50	0.50	16	7717.0	1.00	7717.0	-42711.5	-39993.1	196763.2	58549.4	0.0	0.13

▲ NUCLEO 3378 3379 3394 3380 3381 3398 3403 3407 3411 3415 3419 / Nodi: 3378 3379 3394 3380 3381 3398
3403 3407 3411 3415 3419

▲ Armature Nucleo

Nodi	Stazione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
3378 3379	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3378 3394	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3379 3380	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3380 3381	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3394 3398	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3398 3403	31	50	50	30	2x ø 14 20'	2x ø 12 20'
3403 3407	31	50	50	30	2x ø 14 20'	2x ø 12 20'
3407 3411	31	50	50	30	2x ø 14 20'	2x ø 12 20'
3411 3415	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3415 3419	32	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-243334.6	-9891.7	-1458.5	0.08
Sommità	1	-240897.1	-15138.5	-2092.8	0.08

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-164132.2	-4898.9	-979.3	-9.1
sc Med	26	-164132.2	-4898.9	-979.3	-8.7
st	24	-164132.2	-4898.9	-979.3	-126.9
sc	26	-164132.2	-4898.9	-979.3	-137.0
Sommità					
sc Max	26	-164132.2	-4898.9	-979.3	-9.1
sc Med	26	-164132.2	-4898.9	-979.3	-8.7
st	24	-164132.2	-4898.9	-979.3	-126.9
sc	26	-164132.2	-4898.9	-979.3	-137.0

▲ Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{ce}	α	V _{ed}	N ₁₄	M ₁₂	V _{red}	V _{max}	V _{max} normata	S/R
	[m]	[m]	critica	[kg]		[kg]	[kg]	[kgm]	[kg]	[kg]	[kg]	
3411-3415-3419	1.00	0.50	18	13369.9	1.00	13369.9	-47248.1	7721.1	129836.9	38634.6	0.0	0.35
3398-3403-3407-3411	1.50	0.50	18	5626.6	1.00	5626.6	-53500.2	2605.8	196763.2	58549.4	0.0	0.10
3378-3394-3398	1.00	0.50	16	4020.0	1.00	4020.0	-48734.1	-752.4	129836.9	38634.6	0.0	0.10
3378-3379-3380-3381	1.50	0.50	16	8988.3	1.00	8988.3	-39146.1	-32925.6	196763.2	58549.4	0.0	0.15

▲Armature Nucleo

Nodi	Sezione Numero	B	h	Spessore [cm]	Armatura	
					Verticale	Orizzontale
3827 3828	42	50	50	30	2x ϕ 20 15'	2x ϕ 12 20'
	3827 3843	42	50	50	30	2x ϕ 20 15'
3828 3829	42	50	50	30	2x ϕ 20 15'	2x ϕ 12 20'
	3829 3830	42	50	50	30	2x ϕ 20 15'
3843 3847	42	50	50	30	2x ϕ 20 15'	2x ϕ 12 20'
	3847 3851	41	50	50	30	2x ϕ 14 20'
3851 3855	41	50	50	30	2x ϕ 14 20'	2x ϕ 12 20'
	3855 3859	41	50	50	30	2x ϕ 14 20'
3859 3863	42	50	50	30	2x ϕ 20 15'	2x ϕ 12 20'
	3863 3867	42	50	50	30	2x ϕ 20 15'

Sezione	Comb.	N _{id} [kg]	M ₂ [kgm]	M ₁ [kgm]	Sd/Sr
Base	1	-170904.9	5598.9	1679.6	0.06
Sommità	1	-168467.3	-1511.6	-11.4	0.06

S.L.E.	Combinazione	N [kg]	M ₂ [kg]	M ₃ [kg]	σ [kg/m ²]
Basse		26	-114973.5	30777	1107.6
	sc Max	26	-114973.5	30777	-6.5
	sc Med	26	-114973.5	30777	-6.1
	sc Min	24	-114973.5	30777	-87.8
Sommità		26	-114973.5	30777	1107.6
	sc Max	26	-114973.5	30777	-6.5
	sc Med	26	-114973.5	30777	-6.1
	sc Min	24	-114973.5	30777	-87.8
Medie		26	-114973.5	30777	1107.6
	sc Max	26	-114973.5	30777	-6.5
	sc Med	26	-114973.5	30777	-6.1
	sc Min	24	-114973.5	30777	-87.8

▲ Verifiche a taglio dei diaframmi

[illegible]

▲NUCLEO 3976 3977 3992 3978 3979 3996 4001 4005 4009 4013 4017 / Nodi: 3976 3977 3992 3978 3979 3996
4001 4005 4009 4013 4017

▲Armature Nucleo

Nodi	Sezione Numero	B	H	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
	3976	3977	42	50	30	2x ϕ 12 20
	3977	3982	42	50	30	2x ϕ 12 20
	3977	3978	42	50	30	2x ϕ 20 15
	3977	3978	42	50	30	2x ϕ 12 20
	3978	3979	42	50	30	2x ϕ 12 20
	3982	3986	42	50	30	2x ϕ 20 15
	3986	4001	41	50	30	2x ϕ 12 20
	4001	4005	41	50	30	2x ϕ 12 20
	4005	4009	41	50	30	2x ϕ 14 20
	4009	4013	42	50	30	2x ϕ 12 20
	4013	4017	42	50	30	2x ϕ 20 15
			42	50	30	2x ϕ 12 20

Sezione	Comb.	N ₄₈ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-1684673	-1511.5	-11.7	0.06
Sommità	1	-1660299	-8621.9	-1704.7	0.06

S.L.E.	Combinazione	N [kg]	M ₅₀ [kgm]	M ₁₀ [kgm]	σ [kg/cm ²]	
	Base					
	sc Max	26	-113098.6	-1004.2	-135	-6.1
	sc Med	26	-113098.6	-1004.2	-135	-6.0
	st	24	-113098.6	-1004.2	-135	-88.5

Base		Max	
sc	Max	26	-1187226
sc	Med	26	-1187226
sc	st	26	-1187226
sc		24	-1187226
Sommita		26	-1187226
sc	Max	26	-1187226
sc	Med	26	-1187226
sc	st	26	-1187226
sc		24	-1187226

▲ Verifiche a taglio dei diaframmi

Diagramma	B	H	Comb.	V_{α}	α	V_{α}	N_{α}	M_{α}	$V_{\alpha d}$	$V_{\alpha s}$	V/R	
	[m]	[m]	[m]	[deg]		[deg]			[deg]	[deg]		
3560-3564-3568	1.00	0.50	1.00	7817.4	1.00	7817.4	-200.995	-407.9	12.98363	38634.6	0.0	0.20
3548-3552-3556-3660	1.50	0.30	1.80	7833.7	1.00	7833.7	-392.261	-13765	106763.2	28549.4	0.0	0.13
3528-3534-3548	1.00	0.50	1.30	5277.8	1.00	5277.8	-377.682	-8506	12.98363	38634.6	0.0	0.19
3528-3534-3538-3831	1.50	0.50	1.60	5448.7	1.00	5448.7	-470.769	-46557.8	106763.2	28549.4	0.0	0.09

▲NUCLEO 3677 3678 3693 3679 3680 3697 3702 3706 3710 3714 3718 / Nodi: 3677 3678 3693 3679 3680 3697 3702 3706 3710 3714 3718

▲Armature Nucleo

Noti	Sazione Numero	B	H	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
3677 3678	42	50	50	30	2x ø 20.15	2x ø 12.20
3677 3693	42	50	50	30	2x ø 20.15	2x ø 12.20
3678 3679	42	50	50	30	2x ø 20.15	2x ø 12.20
3679 3680	42	50	50	30	2x ø 20.15	2x ø 12.20
3683 3697	42	50	50	30	2x ø 20.15	2x ø 12.20
3697 702	41	50	50	30	2x ø 14.20	2x ø 12.20
3702 706	41	50	50	30	2x ø 14.20	2x ø 12.20
3706 770	41	50	50	30	2x ø 14.20	2x ø 12.20
3710 3714	42	50	50	30	2x ø 20.15	2x ø 12.20
3714 3718	42	50	50	30	2x ø 20.15	2x ø 12.20

Sezione	Comb.	N _{el} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-173342.4	12709.3	3371.7	0.06
Somma	1	-170904.8	5598.9	1680.5	0.06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]	
Base	26	-116848.6	7195.9	2228.6	-6.9	
	sc Max					
	sc Med	26	-116848.6	7195.9	2228.6	-6.2
	sc	24	-116848.6	7195.9	2228.6	-84.2
Sommità	26	-116848.6	7195.9	2228.6	-103.2	
	sc					
	sc Max	26	-116848.6	7195.9	2228.6	-6.9
	sc Med	26	-116848.6	7195.9	2228.6	-6.2
St	26	-116848.6	7195.9	2228.6	-84.2	
	sc					
	sc Max	26	-116848.6	7195.9	2228.6	-103.2
	sc	26	-116848.6	7195.9	2228.6	-103.2

▲ Verifiche a taglio dei diaframmi

Diagramma	H	Comb.	V _e	α	V _{rel}	N _{rel}	M _{rel}	V _{rel}	V _{rel,corrm.}	S/R
	[in]	[in]	[critica]	[deg]	[deg]	[deg]	[deg]	[deg]	[deg]	[deg]
3710-3714-3718	1.00	0.50	18	5421.4	1.00	5421.4	129836.9	383436	0.0	0.14
3697-3697-3702-3706-3710	1.00	0.50	18	9541.1	1.00	9541.1	38383.3	516.3	196763.2	58494.4
3677-3677-3693-3697	1.00	0.50	13	5158.2	1.00	5158.2	10279.6	5070.9	129836.9	383436
3677-3677-3679-3680	1.00	0.50	13	6647.8	1.00	6647.8	30935.0	22779.1	196763.2	58494.4
3677-3677-3679-3680	1.00	0.50	13	6647.8	1.00	6647.8	30935.0	22779.1	196763.2	58494.4

▲NUCLEO 3827 3828 3843 3829 3830 3847 3851 3855 3859 3863 3867 / Nodi: 3827 3828 3843 3829 3830 3847 3851 3855 3859 3863 3867

4275 4295	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4276 4277	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4277 4278	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4291 4295	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4295 4299	41	50	50	30	2x ø 14 20'	2x ø 12 20'
4299 4304	41	50	50	30	2x ø 14 20'	2x ø 12 20'
4304 4308	41	50	50	30	2x ø 14 20'	2x ø 12 20'
4308 4312	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4312 4316	42	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-163592.3	-15732.3	-33957	0.06
Sommità	1	-161154.9	-22842.7	-5088.1	0.06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-109348.6	-9167.9	-2255.3	-6.6
sc Med	26	-109348.6	-9167.9	-2255.3	-5.8
st	24	-109348.6	-9167.9	-2255.3	-77.6
sc	26	-109348.6	-9167.9	-2255.3	-58.6
Sommità					
sc Max	26	-109348.6	-9167.9	-2255.3	-6.6
sc Med	26	-109348.6	-9167.9	-2255.3	-5.8
st	24	-109348.6	-9167.9	-2255.3	-77.6
sc	26	-109348.6	-9167.9	-2255.3	-58.6

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _α [kg]	α	N _{ed} [kg]	M ₁₂ [kgm]	V _{red} [kg]	V ₁₂ [kg]	V ₁₃ [kg]	V ₁₂₊₁₃ [kg]	S/R
4308-4312-4316	1.00	0.50	18	194111	1.00	94111	-36191.8	8454	129836.9	38634.6	0.0	0.24
4295-4299-4304-4308	1.50	0.50	18	70871	1.00	70871	-35265.2	2853.4	196763.2	58549.4	0.0	0.12
4275-4291-4295	1.00	0.50	13	39540	1.00	39540	-7707.1	1004.0	129836.9	38634.6	0.0	0.10
4275-4276-4277-4278	1.50	0.50	16	54727	1.00	54727	-36438.5	22393.2	196763.2	58549.4	0.0	0.09

▲ NUCLEO 4425 4426 4441 4427 4428 4445 4449 4453 4457 4461 4465 / Nodi: 4425 4426 4441 4427 4428 4445

4449 4453 4457 4461 4465

▲ Armature Nucleo

Sezione	Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
4425 4426	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4425 4441	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4426 4427	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4427 4428	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4441 4445	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4445 4449	41	50	50	30	2x ø 14 20'	2x ø 12 20'
4449 4453	41	50	50	30	2x ø 14 20'	2x ø 12 20'
4453 4457	41	50	50	30	2x ø 14 20'	2x ø 12 20'
4457 4461	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4461 4465	42	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-161154.8	-22842.7	-5088.3	0.06
Sommità	1	-158717.3	-29953.1	-6780.5	0.06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-107473.6	-13249.8	-3376.3	-6.8
sc Med	26	-107473.6	-13249.8	-3376.3	-5.7
st	24	-107473.6	-13249.8	-3376.3	-71.1
sc	26	-107473.6	-13249.8	-3376.3	-102.2
Sommità					
sc Max	26	-107473.6	-13249.8	-3376.3	-6.8
sc Med	26	-107473.6	-13249.8	-3376.3	-5.7

sc	26	-113098.6	-1004.2	-13.5	-91.7
Sommità					
sc Max	26	-113098.6	-1004.2	-13.5	-6.1
sc Med	26	-113098.6	-1004.2	-13.5	-6.0
st	24	-113098.6	-1004.2	-13.5	-88.5
sc	26	-113098.6	-1004.2	-13.5	-91.7

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _α [kg]	α	N _{ed} [kg]	M ₁₂ [kgm]	V _{red} [kg]	V ₁₂ [kg]	V ₁₃ [kg]	V ₁₂₊₁₃ [kg]	S/R
4009-4013-4017	1.00	0.50	18	4538.9	1.00	4538.9	-29810.2	3537	129836.9	38634.6	0.0	0.12
3996-4001-4005-4009	1.50	0.50	18	10297.7	1.00	10297.7	-36756.2	1193.9	196763.2	58549.4	0.0	0.18
3976-3992-3996	1.00	0.50	13	5114.2	1.00	5114.2	-19283.9	275.6	129836.9	38634.6	0.0	0.13
3976-3977-3978-3979	1.50	0.50	13	-7170.7	1.00	-7170.7	-35347.3	-39280.8	196763.2	58549.4	0.0	0.12

▲ NUCLEO 4126 4127 4142 4128 4129 4146 4150 4154 4158 4162 4166 / Nodi: 4126 4127 4142 4128 4129 4146

4150 4154 4158 4162 4166

▲ Armature Nucleo

Sezione	Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
4126 4127	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4126 4142	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4127 4128	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4128 4129	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4142 4146	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4146 4150	41	50	50	30	2x ø 14 20'	2x ø 12 20'
4150 4154	41	50	50	30	2x ø 14 20'	2x ø 12 20'
4154 4158	41	50	50	30	2x ø 14 20'	2x ø 12 20'
4158 4162	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4162 4166	42	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-166029.9	-8621.9	-1704.1	0.06
Sommità	1	-163592.3	-15732.3	-3396.0	0.06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-111223.6	-5086.0	-1134.4	-6.3
sc Med	26	-111223.6	-5086.0	-1134.4	-5.9
st	24	-111223.6	-5086.0	-1134.4	-84.0
sc	26	-111223.6	-5086.0	-1134.4	-95.0
Sommità					
sc Max	26	-111223.6	-5086.0	-1134.4	-6.3
sc Med	26	-111223.6	-5086.0	-1134.4	-5.9
st	24	-111223.6	-5086.0	-1134.4	-84.0
sc	26	-111223.6	-5086.0	-1134.4	-95.0

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _α [kg]	α	N _{ed} [kg]	M ₁₂ [kgm]	V _{red} [kg]	V ₁₂ [kg]	V ₁₃ [kg]	V ₁₂₊₁₃ [kg]	S/R
4158-4162-4166	1.00	0.50	18	5928.6	1.00	5928.6	-33113.0	607.4	129836.9	38634.6	0.0	0.15
4146-4150-4154-4158	1.50	0.50	18	9500.6	1.00	9500.6	-36003.8	2049.9	196763.2	58549.4	0.0	0.16
4126-4142-4146	1.00	0.50	13	4614.2	1.00	4614.2	-13011.7	673.9	129836.9	38634.6	0.0	0.12
4126-4127-4128-4129	1.50	0.50	13	-6529.6	1.00	-6529.6	-37498.8	-45255.8	196763.2	58549.4	0.0	0.11

▲ NUCLEO 4275 4276 4291 4277 4278 4295 4299 4304 4308 4312 4316 / Nodi: 4275 4276 4291 4277 4278 4295

4299 4304 4308 4312 4316

▲ Armature Nucleo

Sezione	Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
4275 4276	42	50	50	30	2x ø 20 15'	2x ø 12 20'

4598.4603	51	50	50	30	2x ø 14.20'	2x ø 12.20'
4603.4607	51	50	50	30	2x ø 14.20'	2x ø 12.20'
4607.4611	52	50	50	30	2x ø 20.15'	2x ø 12.20'
4611.4615	52	50	50	30	2x ø 20.15'	2x ø 12.20'

Sezione	Comb.	N _u [kg]	M _{u2} [kgm]	M _{u1} [kgm]	Sd/Sr
Base	12	-57541.6	8895.8	13383.9	0.04
Sommità	1	-86752.8	-1142.5	2145	0.03

S.L.E.	Combinazione	N [kg]	M _{u2} [kgm]	M _{u1} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-59139.6	6123.6	2188.7	-3.8
sc Med	26	-59139.6	6123.6	2188.7	-3.1
st	23	-59097.4	6767.7	2354.7	-39.0
sc	26	-59139.6	6123.6	2188.7	-57.5
Sommità					
sc Max	26	-59139.6	6123.6	2188.7	-3.8
sc Med	26	-59139.6	6123.6	2188.7	-3.1
st	23	-59097.4	6767.7	2354.7	-39.0
sc	26	-59139.6	6123.6	2188.7	-57.5

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _u [kg]	α	V _u [kg]	N _u [kg]	M _{u2} [kgm]	M _{u1} [kgm]	V _{u,sc} [kg]	V _{u,sc,max} S/R
4607.4611-4615	1.00	0.50	18	9484.5	1.00	9484.5	-9814.2	-210.7	129836.9	38634.6	0.0 0.25
4594-4598-4603-4607	1.50	0.50	1	10516.5	1.00	10516.5	-26970.9	-972.6	196763.2	58549.4	0.0 0.18
4574-4590-4594	1.00	0.50	13	6794.4	1.00	6794.4	-21268.8	-582.9	129836.9	38634.6	0.0 0.18
4674-4575-4576-4577	1.50	0.50	13	-7670.8	1.00	-7670.8	-10684.9	4715.4	196763.2	58549.4	0.0 0.13

▲ ANUCLEO 4724 4725 4740 4726 4727 4744 4748 4752 4756 4760 4764 / Nodi: 4724 4725 4740 4726 4727 4744 4748 4752 4756 4760 4764

▲ Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
4724.4725	52	50	50	30	2x ø 20.15'	2x ø 12.20'
4744.4740	52	50	50	30	2x ø 20.15'	2x ø 12.20'
4756.4756	52	50	50	30	2x ø 20.15'	2x ø 12.20'
4726.4727	52	50	50	30	2x ø 20.15'	2x ø 12.20'
4740.4744	52	50	50	30	2x ø 20.15'	2x ø 12.20'
4744.4748	51	50	50	30	2x ø 14.20'	2x ø 12.20'
4748.4752	51	50	50	30	2x ø 14.20'	2x ø 12.20'
4752.4756	51	50	50	30	2x ø 14.20'	2x ø 12.20'
4756.4760	52	50	50	30	2x ø 20.15'	2x ø 12.20'
4760.4764	52	50	50	30	2x ø 20.15'	2x ø 12.20'

▲ Verifiche a taglio dei diaframmi

Sezione	Comb.	N _u [kg]	M _{u2} [kgm]	M _{u1} [kgm]	Sd/Sr
Base	1	-86752.8	-1142.4	2144	0.03
Sommità	1	-84315.3	-13876.1	-2832.4	0.03

S.L.E.	Combinazione	N [kg]	M _{u2} [kgm]	M _{u1} [kgm]	σ [kg/cm²]
Base					
sc Max	24	-57264.6	-1604.5	2046	-3.3
sc Med	26	-57264.6	-1604.5	2046	-3.0
st	24	-57264.6	-1604.5	2046	-42.4
sc	24	-57264.6	-1604.5	2046	-48.7
Sommità					
sc Max	24	-57264.6	-1604.5	2046	-3.3
sc Med	26	-57264.6	-1604.5	2046	-3.0
st	24	-57264.6	-1604.5	2046	-42.4
sc	24	-57264.6	-1604.5	2046	-48.7

st	24	-107473.6	-13249.8	-3376.3	-71.1
sc	26	-107473.6	-13249.8	-3376.3	-102.2

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _u [kg]	α	V _u [kg]	N _u [kg]	M _{u2} [kgm]	M _{u1} [kgm]	V _{u,sc} [kg]	V _{u,sc,max} S/R
4457-4461-4465	1.00	0.50	18	11283.7	1.00	11283.7	-36198.3	1095.2	129836.9	38634.6	0.0 0.34
4445-4449-4453-4457	1.50	0.50	13	4965.6	1.00	4965.6	-29476.2	3900.4	196763.2	58549.4	0.0 0.08
4425-4441-4445	1.00	0.50	13	3507.6	1.00	3507.6	-11938.6	1368.9	129836.9	38634.6	0.0 0.09
4425-4426-4427-4428	1.50	0.50	16	6823.8	1.00	6823.8	-23703.5	-17869.4	196763.2	58549.4	0.0 0.12

▲ ANUCLEO 6766 6770 7441 6774 6781 6391 6395 6399 6404 6408 6412 / Nodi: 6766 6770 7441 6774 6781 6391 6395 6399 6404 6408 6412

▲ Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
6766.6770	52	50	50	30	2x ø 20.15'	2x ø 12.20'
6766.7441	52	50	50	30	2x ø 20.15'	2x ø 12.20'
6770.6774	52	50	50	30	2x ø 20.15'	2x ø 12.20'
6774.6781	52	50	50	30	2x ø 20.15'	2x ø 12.20'
7441.6391	52	50	50	30	2x ø 20.15'	2x ø 12.20'
6391.6395	51	50	50	30	2x ø 14.20'	2x ø 12.20'
6395.6399	51	50	50	30	2x ø 14.20'	2x ø 12.20'
6399.6404	51	50	50	30	2x ø 14.20'	2x ø 12.20'
6404.6408	52	50	50	30	2x ø 20.15'	2x ø 12.20'
6408.6412	52	50	50	30	2x ø 20.15'	2x ø 12.20'

Sezione	Comb.	N _u [kg]	M _{u2} [kgm]	M _{u1} [kgm]	Sd/Sr
Base	12	-58859.0	17943.0	26837.6	0.05
Sommità	12	-57607.0	9000.4	34233.7	0.04

S.L.E.	Combinazione	N [kg]	M _{u2} [kgm]	M _{u1} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-61014.6	13851.8	4173.0	-4.5
sc Med	26	-61014.6	13851.8	4173.0	-3.2
st	21	-62795.2	15636.8	4533.5	-30.6
sc	26	-61014.6	13851.8	4173.0	-67.5
Sommità					
sc Max	26	-61014.6	13851.8	4173.0	-4.5
sc Med	26	-61014.6	13851.8	4173.0	-3.2
st	21	-62795.2	15636.8	4533.5	-30.6
sc	26	-61014.6	13851.8	4173.0	-67.5

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _u [kg]	α	V _u [kg]	N _u [kg]	M _{u2} [kgm]	M _{u1} [kgm]	V _{u,sc} [kg]	V _{u,sc,max} S/R
6404-6408-6412	1.00	0.50	18	11920.1	1.00	11920.1	-5624.0	-534.0	129836.9	38634.6	0.0 0.31
6391.6395-6399-6404	1.50	0.50	1	8759.7	1.00	8759.7	-27787.4	-1993.5	196763.2	58549.4	0.0 0.15
6766-7441-6391	1.00	0.50	13	7182.9	1.00	7182.9	-28707.0	-1062.0	129836.9	38634.6	0.0 0.19
6766-6770-6774-6781	1.50	0.50	16	7227.7	1.00	7227.7	-27376.4	-33536.9	196763.2	58549.4	0.0 0.12

▲ ANUCLEO 4574 4575 4590 4576 4577 4594 4598 4603 4607 4611 4615 / Nodi: 4574 4575 4590 4576 4577 4594 4598 4603 4607 4611 4615

▲ Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
4574.4575	52	50	50	30	2x ø 20.15'	2x ø 12.20'
4574.4590	52	50	50	30	2x ø 20.15'	2x ø 12.20'
4575.4576	52	50	50	30	2x ø 20.15'	2x ø 12.20'
4576.4577	52	50	50	30	2x ø 20.15'	2x ø 12.20'
4590.4594	52	50	50	30	2x ø 20.15'	2x ø 12.20'
4594.4598	51	50	50	30	2x ø 14.20'	2x ø 12.20'

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{cr} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{residuo} [kg]	S/R
4756-4760-4764	1.00	0.50	18	6606.6	1.00	6606.6	-13819.7	96.6	129836.9	38634.6	0.0 0.17
4744-4748-4752-4756	1.50	0.50	1	12410.9	1.00	12410.9	-26154.4	48.3	196763.2	58549.4	0.0 0.21
4724-4740-4744	1.00	0.50	13	6854.1	1.00	6854.1	-13635.0	-97.5	129836.9	38634.6	0.0 0.18
4724-4725-4726-4727	1.50	0.50	12	-9266.1	1.00	-9266.1	-12877.8	-11024.1	196763.2	58549.4	0.0 0.16

▲NUCLEO 4873 4874 4889 4875 4876 4893 4897 4902 4906 4910 4914 / Nodi: 4873 4874 4889 4875 4876 4893

4897 4902 4906 4910 4914

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Amatura Verticale	Amatura Orizzontale
4873 4874	52	50	50	30	2x ø 20 15	2x ø 12 20
4873 4889	52	50	50	30	2x ø 20 15	2x ø 12 20
4874 4875	52	50	50	30	2x ø 20 15	2x ø 12 20
4875 4876	52	50	50	30	2x ø 20 15	2x ø 12 20
4889 4893	52	50	50	30	2x ø 20 15	2x ø 12 20
4893 4897	51	50	50	30	2x ø 14 20	2x ø 12 20
4897 4902	51	50	50	30	2x ø 14 20	2x ø 12 20
4902 4906	51	50	50	30	2x ø 14 20	2x ø 12 20
4906 4910	52	50	50	30	2x ø 20 15	2x ø 12 20
4910 4914	52	50	50	30	2x ø 20 15	2x ø 12 20

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	Sd/Sr
Base	1	-84315.3	-13876.1	-2832.4	0.03
Sommità	1	-81877.8	-26609.8	-5879.2	0.03

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	24	-55389.6	-9332.7	-1779.4	-3.8
sc Med	26	-55389.6	-9332.7	-1779.4	-2.9
st	24	-55389.6	-9332.7	-1779.4	-36.7
sc	24	-55389.6	-9332.7	-1779.4	-56.3
Sommità					
sc Max	24	-55389.6	-9332.7	-1779.4	-3.8
sc Med	26	-55389.6	-9332.7	-1779.4	-2.9
st	24	-55389.6	-9332.7	-1779.4	-36.7
sc	24	-55389.6	-9332.7	-1779.4	-56.3

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{cr} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{residuo} [kg]	S/R
4906-4910-4914	1.00	0.50	18	5560.3	1.00	5560.3	-17995.4	416.1	129836.9	38634.6	0.0 0.14
4893-4897-4902-4906	1.50	0.50	1	13115.8	1.00	13115.8	-25338.0	1069.1	196763.2	58549.4	0.0 0.22
4873-4889-4893	1.00	0.50	13	6913.4	1.00	6913.4	-14742.0	407.3	129836.9	38634.6	0.0 0.18
4873-4874-4875-4876	1.50	0.50	12	-9784.2	1.00	-9784.2	-16216.6	-19062.9	196763.2	58549.4	0.0 0.17

▲NUCLEO 5023 5024 5039 5025 5026 5043 5047 5051 5055 5059 5063 / Nodi: 5023 5024 5039 5025 5026 5043

5047 5051 5055 5059 5063

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Amatura Verticale	Amatura Orizzontale
5023 5024	52	50	50	30	2x ø 20 15	2x ø 12 20
5023 5039	52	50	50	30	2x ø 20 15	2x ø 12 20
5024 5025	52	50	50	30	2x ø 20 15	2x ø 12 20
5025 5026	52	50	50	30	2x ø 20 15	2x ø 12 20
5039 5043	52	50	50	30	2x ø 20 15	2x ø 12 20
5043 5047	51	50	50	30	2x ø 14 20	2x ø 12 20
5047 5051	51	50	50	30	2x ø 14 20	2x ø 12 20
5051 5055	51	50	50	30	2x ø 14 20	2x ø 12 20
5055 5059	52	50	50	30	2x ø 20 15	2x ø 12 20
5059 5063	52	50	50	30	2x ø 20 15	2x ø 12 20

▲NUCLEO 5172 5173 5188 5174 5175 5192 5196 5201 5205 5209 5213 / Nodi: 5172 5173 5188 5174 5175 5192

5196 5201 5205 5209 5213

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Amatura Verticale	Amatura Orizzontale
5172 5173	52	50	50	30	2x ø 20 15	2x ø 12 20
5172 5188	52	50	50	30	2x ø 20 15	2x ø 12 20
5173 5174	52	50	50	30	2x ø 20 15	2x ø 12 20
5174 5175	52	50	50	30	2x ø 20 15	2x ø 12 20
5188 5192	52	50	50	30	2x ø 20 15	2x ø 12 20
5192 5196	51	50	50	30	2x ø 14 20	2x ø 12 20
5196 5201	51	50	50	30	2x ø 14 20	2x ø 12 20
5201 5205	51	50	50	30	2x ø 14 20	2x ø 12 20
5205 5209	52	50	50	30	2x ø 20 15	2x ø 12 20
5209 5213	52	50	50	30	2x ø 20 15	2x ø 12 20

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-79440.3	-39343.5	-8926.0	0.04
Sommità	13	-50396.0	-50874.8	-26702.1	0.04

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	24	-51639.5	-24789.0	-5474.4	-4.9
sc Med	26	-51639.5	-24789.0	-5474.4	-2.8
st	24	-51639.5	-24789.0	-5474.4	-17.7
sc	24	-51639.5	-24789.0	-5474.4	-72.7
Sommità					
sc Max	24	-51639.5	-24789.0	-5474.4	-4.9
sc Med	26	-51639.5	-24789.0	-5474.4	-2.8
st	24	-51639.5	-24789.0	-5474.4	-17.7
sc	24	-51639.5	-24789.0	-5474.4	-72.7

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{cr} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{residuo} [kg]	S/R
5205-5209-5213	1.00	0.50	18	8020.4	1.00	8020.4	-26277.1	1049.5	129836.9	38634.6	0.0 0.21

5192-5196-5201-5205	1.50	0.50	1	11736.8	1.00	11736.8	-23705.0	3110.8	196763.2	58549.4	0.0	0.20
5172-5188-5192	1.00	0.50	1	5921.1	1.00	5921.1	-1736.7	1061.9	129836.9	38634.6	0.0	0.15
5172-5173-5174-5175	1.50	0.50	12	-4862.8	1.00	-8862.8	-22768.8	-34534.5	196763.2	58549.4	0.0	0.14

ANUCLEO 5322 5323 5338 5342 5325 5342 5346 5350 5354 5358 5362 / Nodi: 5322 5323 5338 5334 5325 5342
5346 5350 5354 5358 5362

AArmature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
5322 5323	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5322 5338	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5323 5324	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5324 5325	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5324 5342	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5342 5346	51	50	50	30	2x ø 14 20'	2x ø 12 20'
5346 5350	51	50	50	30	2x ø 14 20'	2x ø 12 20'
5350 5354	51	50	50	30	2x ø 14 20'	2x ø 12 20'
5354 5358	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5358 5362	52	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _u [kg]	M _u [kgm]	M ₁₁ [kgm]	Sd/Sr
Base	13	-50202.6	-50840.8	-26657.7	0.04
Sommità	13	-48526.5	-42816.3	-34456.9	0.07

S.L.E.	Combinazione	N [kg]	M _u [kgm]	M ₁₁ [kgm]	σ [kg/cm²]
Base					
sc Max	24	-49764.6	-32517.1	-7731.7	-5.4
sc Med	26	-49764.6	-32517.1	-7731.7	-2.7
st	24	-49764.6	-32517.1	-7731.7	-7.7
sc	24	-49764.6	-32517.1	-7731.7	-81.0
Sommità					
sc Max	24	-49764.6	-32517.1	-7731.7	-5.4
sc Med	26	-49764.6	-32517.1	-7731.7	-2.7
st	24	-49764.6	-32517.1	-7731.7	-7.7
sc	24	-49764.6	-32517.1	-7731.7	-81.0

AAVerifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _u	α	N _u	M _u	V _u	V _u normato	S/R		
	[m]	[m]	critica	[kg]		[kg]	[kg]	[kg]	[kg]			
5354-5358-5362	1.00	0.50	18	12802.7	1.00	12802.7	-30185.3	1351.4	129836.9	38634.6	0.0	0.33
5342-5346-5350-5354	1.50	0.50	1	8576.2	1.00	8576.2	-22888.5	4131.7	196763.2	58549.4	0.0	0.15
5322-5328-5342	1.00	0.50	1	5533.5	1.00	5533.5	3424.8	1410.9	129836.9	38634.6	0.0	0.14
5322-5323-5324-5325	1.50	0.50	16	5963.6	1.00	5963.6	-5383.5	-1815.3	196763.2	58549.4	0.0	0.10

ANUCLEO 5471 5472 5487 5473 5474 5491 5495 5499 5504 5508 5512 / Nodi: 5471 5472 5487 5473 5474 5491
5495 5499 5504 5508 5512

AArmature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
5471 5472	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5471 5487	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5472 5473	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5473 5474	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5487 5491	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5491 5495	51	50	50	30	2x ø 14 20'	2x ø 12 20'
5495 5499	51	50	50	30	2x ø 14 20'	2x ø 12 20'
5499 5504	51	50	50	30	2x ø 14 20'	2x ø 12 20'
5504 5508	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5508 5512	52	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _u [kg]	M _u [kgm]	M ₁₁ [kgm]	Sd/Sr
Base	13	-48251.7	-62814.9	-34424.0	0.07
Sommità	13	-46481.8	-74652.2	-42080.5	0.09

ANUCLEO 421 422 423 424 434 438 442 446 450 454 458 / Nodi: 421 422 423 424 434 438 442 446 450 454 458

AAVerifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _u	α	N _u	M _u	V _u	V _u	V _u	S/R	
	[m]	[m]	critica	[kg]		[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	
5504-5508-5512	1.00	0.50	18	17853.1	1.00	17853.1	-34296.6	1671.2	129836.9	38634.6	0.0	0.46
5491-5495-5499-5504	1.50	0.50	12	5396.4	1.00	5396.4	-7717.4	5865.4	196763.2	58549.4	0.0	0.09
5471-5487-5491	1.00	0.50	1	5641.2	1.00	5641.2	8586.2	1759.8	129836.9	38634.6	0.0	0.15
5471-5472-5473-5474	1.50	0.50	16	7117.2	1.00	7117.2	-18345.5	3340.0	196763.2	58549.4	0.0	0.12

ANUCLEO 9 10 11 12 28 32 36 40 44 48 52 / Nodi: 9 10 11 12 28 32 36 40 44 48 52

AArmature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
9 10	12	50	50	30	2x ø 20 15'	2x ø 14 15'
10 11	12	50	50	30	2x ø 20 15'	2x ø 14 15'
11 12	12	50	50	30	2x ø 20 15'	2x ø 14 15'
12 28	12	50	50	30	2x ø 20 15'	2x ø 14 15'
28 32	12	50	50	30	2x ø 20 15'	2x ø 14 15'
32 36	11	50	50	30	2x ø 20 20'	2x ø 14 15'
36 40	11	50	50	30	2x ø 20 20'	2x ø 14 15'
40 44	11	50	50	30	2x ø 20 20'	2x ø 14 15'
44 48	12	50	50	30	2x ø 20 15'	2x ø 14 15'
48 52	12	50	50	30	2x ø 20 15'	2x ø 14 15'

Sezione	Comb.	N _u [kg]	M _u [kgm]	M ₁₁ [kgm]	Sd/Sr
Base	13	-25927.27	57049.6	162181.1	0.33
Sommità	13	-297591.0	84882.5	137203.1	0.28

S.L.E.	Combinazione	N [kg]	M _u [kgm]	M ₁₁ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-289056.7	119480.8	25163.2	-33.5
sc Med	26	-289056.7	119480.8	25163.2	-15.1
st	26	-289056.7	119480.8	25163.2	28.3
sc	26	-289056.7	119480.8	25163.2	-497.5
Sommità					
sc Max	26	-289056.7	119480.8	25163.2	-33.5
sc Med	26	-289056.7	119480.8	25163.2	-15.1
st	26	-289056.7	119480.8	25163.2	28.3
sc	26	-289056.7	119480.8	25163.2	-497.5

AAVerifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	V _u	α	N _u	M _u	V _u	V _u normato	S/R			
			critica		[kg]	[kgm]	[kg]	[kg]				
44-48-52	1.00	0.50	12	-33563.0	1.00	-74496.9	3201.8	129836.9	70114.6	105023.6	0.48	
32-36-40-44	1.50	0.50	17	13095.9	1.00	13095.9	-105346.6	-20435.5	196763.2	106256.2	275060.1	0.12
12-28-32	1.00	0.50	1	43192.0	1.00	43192.0	-106004.8	-2479.5	129836.9	70114.6	206754.2	0.62
9-10-11-12	1.50	0.50	16	37693.0	1.00	37693.0	-28594.8	-34129.1	196763.2	106256.2	300140.4	0.35

AAVerifiche a taglio dei diaframmi

Sommita															
sc	Max	26		-245306,7		91669,3		163251		163251		282		V _{accidentale} S/R	
sc	Med	26		-258306,7		91669,3		163251		163251		347			
sc	sc	20		-315131,2		106047,8		171845		-229					
sc	sc	26		-258306,7		91669,3		163251		-4191					

ANUCLEO 712 713 714 715 725 729 733 737 741 745 749 / Nodi: 712 713 714 715 725 729 733 737 741 745 749

AArmature Nucleo

Nodi	Sezione		B	H	Spessore [cm]	Armatura		Armatura Orizzontale
	Numero	[cm]				Verticale		
712-713	12	50	50	30	2x ø 20 15'	2x ø 14 15'		
713-714	12	50	50	30	2x ø 20 15'	2x ø 14 15'		
714-715	12	50	50	30	2x ø 20 15'	2x ø 14 15'		
715-725	12	50	50	30	2x ø 20 15'	2x ø 14 15'		
725-729	12	50	50	30	2x ø 20 15'	2x ø 14 15'		
729-733	11	50	50	30	2x ø 20 20'	2x ø 14 15'		
733-737	11	50	50	30	2x ø 20 20'	2x ø 14 15'		
737-741	11	50	50	30	2x ø 20 20'	2x ø 14 15'		
741-745	12	50	50	30	2x ø 20 15'	2x ø 14 15'		
745-749	12	50	50	30	2x ø 20 15'	2x ø 14 15'		

Sezione	Comb.	N _{ed}		M _{ed}		M ₁₂		M ₁₃		Sd/Sr	
		[kg]	[kgm]	[kg]	[kgm]	[kg]	[kgm]	[kg]	[kgm]		
Base	13	-293778,7	61523,9	87116,5	0,18						
Sommila	1	-4133177,3	99135,3	1079,3	0,16						

S.L.E.	Combinazione	N	M ₁₂	M ₁₃	σ
		[kg]	[kgm]	[kgm]	[kg/cm²]
Base	26	-283431,7	77763,6	11906,1	-25,5
sc Max	26	-283431,7	77763,6	11906,1	-14,6
sc Med	24	-283431,7	77763,6	11906,1	-64,7
st	26	-283431,7	77763,6	11906,1	-380,1
Sommila	26	-283431,7	77763,6	11906,1	-25,5
sc Max	26	-283431,7	77763,6	11906,1	-14,6
sc Med	24	-283431,7	77763,6	11906,1	-64,7
st	26	-283431,7	77763,6	11906,1	-380,1

AAVerifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{ed}	α	V	N _{ed}	M _{ed}	V _{ed}	V _{accidentale}	S/R	
												[m]
741-745-749	1,00	0,50	19	63145	1,00	63145	-17438,7	-26499	129836,9	70114,6	136357,5	0,09
729-733-737-741	1,50	0,50	18	28071,2	1,00	28071,2	-75017,1	-3842,2	196763,2	106256,2	266183,8	0,26
715-725-729	1,00	0,50	17	18383,0	1,00	18383,0	-122463,5	-4493,9	129836,9	70114,6	26754,2	0,26
712-713-714-715	1,50	0,50	13	-43381,6	1,00	-43381,6	-154479,3	196205,9	196763,2	106256,2	387439,4	0,41

ANUCLEO 857 858 859 860 870 874 878 882 886 890 894 / Nodi: 857 858 859 860 870 874 878 882 886 890 894

AArmature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
857-858	12	50	50	30	2x ø 20 15'	2x ø 14 15'
858-859	12	50	50	30	2x ø 20 15'	2x ø 14 15'
859-860	12	50	50	30	2x ø 20 15'	2x ø 14 15'
860-870	12	50	50	30	2x ø 20 15'	2x ø 14 15'
870-874	12	50	50	30	2x ø 20 15'	2x ø 14 15'

ANUCLEO 566 567 568 569 579 583 587 591 595 599 604 / Nodi: 566 567 568 569 579 583 587 591 595 599 604

AAVerifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _e	α	V _i	N _{ed}	M _{ed}	V _{ed}	V _{acc}	S/R
450-454-458	1,00	0,50	12	-22058,7	1,00	-22058,7	-71289,9	-2712,9	129836,9	70114,6	0,31
438-442-446-450	1,50	0,50	19	19101,9	1,00	19101,9	-82376,5	-11444,3	196763,2	106256,2	0,18
424-434-438	1,00	0,50	1	34385,5	1,00	34385,5	104224,6	-2255,8	129836,9	70114,6	0,49
421-422-424-424	1,50	0,50	13	-37891,6	1,00	-37891,6	-192067,1	256326,5	196763,2	106256,2	0,36

Nodi	Sezione Numero	B	H	Spessore [cm]	Armatura		Armatore Orientazione
					Verticale	Orizzontale	
566-567	12	50	50	30	2x ø 20 15'	2x ø 14 15'	
567-568	12	50	50	30	2x ø 20 15'	2x ø 14 15'	
568-569	12	50	50	30	2x ø 20 15'	2x ø 14 15'	
569-579	12	50	50	30	2x ø 20 15'	2x ø 14 15'	
575-583	12	50	50	30	2x ø 20 15'	2x ø 14 15'	
583-587	11	50	50	30	2x ø 20 20'	2x ø 14 15'	
587-591	11	50	50	30	2x ø 20 20'	2x ø 14 15'	
591-595	11	50	50	30	2x ø 20 20'	2x ø 14 15'	
595-599	12	50	50	30	2x ø 20 15'	2x ø 14 15'	
599-604	12	50	50	30	2x ø 20 15'	2x ø 14 15'	

Sezione	Comb.	N _{ed}		M _{ed}		M ₁₂		M ₁₃		Sd/Sr	
		[kg]	[kgm]	[kg]	[kgm]	[kg]	[kgm]	[kg]	[kgm]		
Base	13	-205491,2	72689,5	12308,9	0,23						
Sommila	13	-293520,8	61316,9	87261,4	0,18						

S.L.E.	Combinazione
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▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ed} [kg]	α	N _{ed} [kg]	M _{ed} [kgm]	V _{ed,max}			S/R	
								V _{ed} [kg]	V _{red} [kg]	V _{red,max} [kg]		
1032-1036-1040	1,00	0,50	18	10614,3	1,00	10614,3	-40040,4	-10603,3	129836,9	70114,6	197747,0	0,15
1020-1024-1028-1032	1,50	0,50	18	28348,1	1,00	28348,1	-83917,1	-35785,3	196763,2	106256,2	271404,2	0,27
1006-1016-1020	1,00	0,50	17	16667,8	1,00	16667,8	-95296,8	-27247,7	129836,9	70114,6	206754,2	0,24
1003-1004-1005-1006	1,50	0,50	13	-43167,9	1,00	-43167,9	116855,0	136351,0	196763,2	106256,2	263187,1	0,41

▲NUCLEO 1148 1149 1150 1151 1161 1165 1169 1173 1177 1181 1185 / Nodi: 1148 1149 1150 1151 1161 1165 1169 1173 1177 1181 1185

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
1148 1149	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1149 1150	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1150 1151	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1151 1161	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1161 1165	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1165 1169	11	50	50	30	2x ø 20 20'	2x ø 14 15'
1169 1173	11	50	50	30	2x ø 20 20'	2x ø 14 15'
1173 1177	11	50	50	30	2x ø 20 20'	2x ø 14 15'
1177 1181	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1181 1185	12	50	50	30	2x ø 20 15'	2x ø 14 15'

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-408302,3	54525,7	-2358,3	0,14
Sommità	1	-405864,8	32221,0	-8630,0	0,13

S.L.E.	Combinazione	N [kg]	M ₁₃ [kgm]	M ₁₂ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-277806,7	36046,4	-1350,8	-17,6
sc Med	26	-277806,7	36046,4	-1350,8	-14,3
st	24	-277806,7	36046,4	-1350,8	-156,8
sc	26	-277806,7	36046,4	-1350,8	-263,2
Sommità					
sc Max	26	-277806,7	36046,4	-1350,8	-17,6
sc Med	26	-277806,7	36046,4	-1350,8	-14,3
st	24	-277806,7	36046,4	-1350,8	-156,8
sc	26	-277806,7	36046,4	-1350,8	-263,2

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ed} [kg]	α	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{red,max} [kg]	S/R		
1177-1181-1185	1,00	0,50	18	13861,2	1,00	13861,2	-43620,4	-10231,1	129836,9	70114,6	206754,1	0,20
1165-1169-1173-1177	1,50	0,50	18	26279,4	1,00	26279,4	-88451,3	-34531,3	196763,2	106256,2	274067,8	0,25
1151-1161-1165	1,00	0,50	17	15250,4	1,00	15250,4	-81602,0	-18263,3	129836,9	70114,6	206754,2	0,22
1148-1149-1150-1151	1,50	0,50	13	-42396,0	1,00	-42396,0	98034,1	106332,4	196763,2	106256,2	310130,9	0,40

▲NUCLEO 1293 1294 1295 1296 1307 1311 1315 1319 1323 1327 1331 / Nodi: 1293 1294 1295 1296 1307 1311 1315 1319 1323 1327 1331

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
1293 1294	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1294 1295	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1295 1296	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1296 1307	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1307 1311	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1311 1315	11	50	50	30	2x ø 20 20'	2x ø 14 15'
1315 1319	11	50	50	30	2x ø 20 20'	2x ø 14 15'
1319 1323	11	50	50	30	2x ø 20 20'	2x ø 14 15'
1323 1327	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1327 1331	12	50	50	30	2x ø 20 15'	2x ø 14 15'

874 878	11	50	50	30	2x ø 20 20'	2x ø 14 15'
878 882	11	50	50	30	2x ø 20 20'	2x ø 14 15'
882 886	11	50	50	30	2x ø 20 20'	2x ø 14 15'
886 890	12	50	50	30	2x ø 20 15'	2x ø 14 15'
890 894	12	50	50	30	2x ø 20 15'	2x ø 14 15'

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-413177,3	99135,4	10778,5	0,16
Sommità	1	-410739,8	76830,5	3910,0	0,15

S.L.E.	Combinazione	N [kg]	M ₁₃ [kgm]	M ₁₂ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-281556,7	63857,8	7488,9	-22,9
sc Med	26	-281556,7	63857,8	7488,9	-14,5
st	24	-281556,7	63857,8	7488,9	-95,4
sc	26	-281556,7	63857,8	7488,9	-341,1
Sommità					
sc Max	26	-281556,7	63857,8	7488,9	-22,9
sc Med	26	-281556,7	63857,8	7488,9	-14,5
st	24	-281556,7	63857,8	7488,9	-95,4
sc	26	-281556,7	63857,8	7488,9	-341,1

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _e [kg]	α	V _r [kg]	N _e [kgm]	M _e [kgm]	V _{red} [kg]	V _{ed,vermax} [kg]	S/R	
886-890-894	1,00	0,50	19	8279,3	1,00	8279,3	-24306,6	-2245,9	129836,9	70114,6	170603,0	0,12
874-878-882-886	1,50	0,50	18	29942,1	1,00	29942,1	-79383,5	-36522,9	196763,2	106256,2	268717,8	0,27
860-870-874	1,00	0,50	17	17688,6	1,00	17688,6	-108899,2	-36152,3	129836,9	70114,6	206754,2	0,25
857-858-859-860	1,50	0,50	13	-43519,8	1,00	-43519,8	1135801,7	1665585,5	196763,2	106256,2	2185229	0,41

▲NUCLEO 1003 1004 1005 1006 1016 1020 1024 1028 1032 1036 1040 / Nodi: 1003 1004 1005 1006 1016 1020 1024 1028 1032 1036 1040

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
1003 1004	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1004 1005	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1005 1006	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1006 1016	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1016 1020	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1020 1024	11	50	50	30	2x ø 20 20'	2x ø 14 15'
1024 1028	11	50	50	30	2x ø 20 20'	2x ø 14 15'
1028 1032	11	50	50	30	2x ø 20 20'	2x ø 14 15'
1032 1036	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1036 1040	12	50	50	30	2x ø 20 15'	2x ø 14 15'

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-410739,8	76830,6	3908,4	0,15
Sommità	1	-408302,3	54525,8	-2358,1	0,14

S.L.E.	Combinazione	N [kg]	M ₁₃ [kgm]	M ₁₂ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-279681,7	49952,1	3067,7	-20,3
sc Med	26	-279681,7	49952,1	3067,7	-14,4
st	24	-279681,7	49952,1	3067,7	-126,1
sc	26	-279681,7	49952,1	3067,7	-302,1
Sommità					
sc Max	26	-279681,7	49952,1	3067,7	-20,3
sc Med	26	-279681,7	49952,1	3067,7	-14,4
st	24	-279681,7	49952,1	3067,7	-126,1
sc	26	-279681,7	49952,1	3067,7	-302,1

ANUCLEO 1887 1888 1889 1890 1901 1905 1909 1913 1917 1921 1925 / Nodi: 1887 1888 1889 1890 1901 1905 1909 1913 1917 1921 1925

AArmature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
1887 1888	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1888 1889	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1889 1890	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1890 1901	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1901 1905	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1905 1909	21	50	50	30	2x ø 14 20'	2x ø 12 20'
1909 1913	21	50	50	30	2x ø 14 20'	2x ø 12 20'
1913 1917	21	50	50	30	2x ø 14 20'	2x ø 12 20'
1917 1921	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1921 1925	22	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _u [kg]	M _{u2} [kgm]	M _{u1} [kgm]	Sd/Sr
Base	1	-341046.4	12763.4	-9908.8	0.12
Sommità	1	-338608.9	6276.5	-5308.9	0.11

S.L.E.	Combinazione	N [kg]	M _{u2} [kgm]	M _{u1} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-231637.5	7619.2	-6506.0	-14.7
sc Med	26	-231637.5	7619.2	-6506.0	-12.3
st	24	-231637.5	7619.2	-6506.0	-170.7
sc	26	-231637.5	7619.2	-6506.0	-220.5
Sommità					
sc Max	26	-231637.5	7619.2	-6506.0	-14.7
sc Med	26	-231637.5	7619.2	-6506.0	-12.3
st	24	-231637.5	7619.2	-6506.0	-170.7
sc	26	-231637.5	7619.2	-6506.0	-220.5

AAVerifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _u critica [kg]	α	V _u [kg]	N _u [kg]	M _u [kg]	V _{u2} [kg]	V _{u1} [kg]	V _{u2} compresso [kg]	S/R
1917-1921-1925	1.00	0.50	19	3914.3	1.00	3914.3	411.789	-692.0	129836.9	38634.6	0.0	0.10
1905-1909-1913-1917	1.50	0.50	19	9816.0	1.00	9816.0	77338.2	-2335.5	196763.2	58549.4	0.0	0.17
1890-1901-1905	1.00	0.50	17	6620.6	1.00	6620.6	56884.9	-707.6	129836.9	38634.6	0.0	0.17
1887-1888-1889-1890	1.50	0.50	17	9928.5	1.00	9928.5	68353.3	-66010.1	196763.2	58549.4	0.0	0.17

ANUCLEO 2037 2038 2039 2040 2050 2054 2058 2062 2066 2070 2074 / Nodi: 2037 2038 2039 2040 2050 2054 2058 2062 2066 2070 2074

AArmature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
2037 2038	22	50	50	30	2x ø 20 15'	2x ø 12 20'
2038 2039	22	50	50	30	2x ø 20 15'	2x ø 12 20'
2039 2040	22	50	50	30	2x ø 20 15'	2x ø 12 20'
2040 2050	22	50	50	30	2x ø 20 15'	2x ø 12 20'
2050 2054	22	50	50	30	2x ø 20 15'	2x ø 12 20'
2054 2058	21	50	50	30	2x ø 14 20'	2x ø 12 20'
2058 2062	21	50	50	30	2x ø 14 20'	2x ø 12 20'
2062 2066	21	50	50	30	2x ø 14 20'	2x ø 12 20'
2066 2070	22	50	50	30	2x ø 20 15'	2x ø 12 20'
2070 2074	22	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _u [kg]	M _{u2} [kgm]	M _{u1} [kgm]	Sd/Sr
Base	1	-338608.9	6276.5	-5308.1	0.11
Sommità	1	-336371.5	-210.3	-7718	0.11

S.L.E.	Combinazione	N [kg]	M _{u2} [kgm]	M _{u1} [kgm]	σ [kg/cm²]
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S.L.E.	Combinazione	N [kg]	M _{u2} [kgm]	M _{u1} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-235387.5	14482.7	-12495.4	-17.1
sc Med	26	-235387.5	14482.7	-12495.4	-12.5
st	24	-235387.5	14482.7	-12495.4	-161.0
sc	26	-235387.5	14482.7	-12495.4	-256.9
Sommità					
sc Max	26	-235387.5	14482.7	-12495.4	-17.1
sc Med	26	-235387.5	14482.7	-12495.4	-12.5
st	24	-235387.5	14482.7	-12495.4	-161.0
sc	26	-235387.5	14482.7	-12495.4	-256.9

AAVerifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _u	α	V _u	N _u	M _u	V _{u2}	M _u	V _{u1}	S/R
			[m]	[m]	critica	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	Meccanismi
1618-1622-1626	1.00	0.50	19	4019.7	1.00	4019.7	-33628.3	132.14	129836.9	38634.6	0.0	0.10
1606-1610-1614-1618	1.50	0.50	19	9682.7	1.00	9682.7	-80174.6	-4459.8	196763.2	58549.4	0.0	0.17
1591-1602-1606	1.00	0.50	17	7422.0	1.00	7422.0	-71499.7	-1617.9	129836.9	38634.6	0.0	0.19
1588-1589-1590-1591	1.50	0.50	17	9200.6	1.00	9200.6	-61902.1	50263.4	196763.2	58549.4	0.0	0.16

ANUCLEO 1738 1739 1740 1741 1751 1755 1759 1763 1767 1771 1775 / Nodi: 1738 1739 1740 1741 1751 1755 1759 1763 1767 1771 1775

AArmature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
1738 1739	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1739 1740	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1740 1741	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1741 1751	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1751 1755	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1755 1759	21	50	50	30	2x ø 14 20'	2x ø 12 20'
1759 1763	21	50	50	30	2x ø 14 20'	2x ø 12 20'
1763 1767	21	50	50	30	2x ø 14 20'	2x ø 12 20'
1767 1771	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1771 1775	22	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _u [kg]	M _{u2} [kgm]	M _{u1} [kgm]	Sd/Sr
Base	1	-343484.0	19250.3	-14508.6	0.13
Sommità	1	-341046.4	12763.4	-9907.8	0.12

S.L.E.	Combinazione	N [kg]	M _{u2} [kgm]	M _{u1} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-233512.5	11050.9	-9500.4	-15.9
sc Med	26	-233512.5	11050.9	-9500.4	-12.4
st	24	-233512.5	11050.9	-9500.4	-165.8
sc	26	-233512.5	11050.9	-9500.4	-238.7
Sommità					
sc Max	26	-233512.5	11050.9	-9500.4	-15.9
sc Med	26	-233512.5	11050.9	-9500.4	-12.4
st	24	-233512.5	11050.9	-9500.4	-165.8
sc	26	-233512.5	11050.9	-9500.4	-238.7

AAVerifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _u	α	V _u	N _u	M _u	M _u	V _{u2}	V _{u1}	V _{u2} compresso	S/R
	[m]	[m]	critica	[kg]		[kg]	[kg]	[kgm]	[kgm]	[kg]	[kg]	[kg]	
1767-1771-1775	1.00	0.50	19	3632.2	1.00	3632.2	37495.5	-1004.3	129836.9	38634.6	0.0	0.09	
1755-1759-1763-1767	1.50	0.50	19	9906.6	1.00	9906.6	78838.9	-3389.3	196763.2	58549.4	0.0	0.17	
1741-1751-1755	1.00	0.50	17	7064.6	1.00	7064.6	64362.0	-1162.1	129836.9	38634.6	0.0	0.18	
1738-1739-1740-1741	1.50	0.50	17	9904.5	1.00	9904.5	65148.5	58139.3	196763.2	58549.4	0.0	0.17	

▲Armature Nucleo

	Numero	Tempo (min)	Tempo (min)	Tempo (min)	Orizzontale		
	2386	2387	22	50	30	2x 20'15"	2x 12'20"
	2387	2388	22	50	30	2x 20'15"	2x 12'20"
	2388	2389	22	50	30	2x 20'15"	2x 12'20"
	2389	2390	22	50	30	2x 20'15"	2x 12'20"
	2390	2391	22	50	30	2x 20'15"	2x 12'20"
	2391	2392	22	50	30	2x 20'15"	2x 12'20"
	2392	2393	22	50	30	2x 20'15"	2x 12'20"
	2393	2394	22	50	30	2x 20'15"	2x 12'20"
	2394	2395	22	50	30	2x 20'15"	2x 12'20"
	2395	2396	22	50	30	2x 20'15"	2x 12'20"
	2396	2397	22	50	30	2x 20'15"	2x 12'20"
	2397	2398	22	50	30	2x 20'15"	2x 12'20"
	2398	2399	22	50	30	2x 20'15"	2x 12'20"
	2399	2400	22	50	30	2x 20'15"	2x 12'20"

Sezione	Comb.	N _{el} [kg]	M ₂ [kgm]	M ₁₁ [kgm]	Sd/Sr
Base	1	-33733.9	-6697.3	3888.9	0.11
Sommità	1	-331296.4	-13184.2	8488.8	0.11

S.L.E.	Combinazione	N [kg]	M ₂ [kg/m]	M ₃ [kg/m]	σ [kg]
Max	sc	26	-260012.5	-26761	-124
	sc Med	26	-260012.5	-26761	-120
	sc	24	-260012.5	-26761	-165
	sc	26	-260012.5	-26761	-185.3
Sommità	sc	26	-260012.5	-26761	-124
	sc Med	26	-260012.5	-26761	-120
	sc	24	-260012.5	-26761	-165
	sc	26	-260012.5	-26761	-185.3

▲ Verifiche a taglio dei diaframmi

Diagramma	B	H	Comb.	V_{th}	α	N_{th}	M_{th}	V_{th}	V_{th}	V_{th}	V_{th}	
	[m]	[m]	critica	[m]		[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	
2365-2369-2373	1.00	0.50	19	13007.7	1.00	13007.7	52465.8	2993.1	129836.9	38634.6	0.0	0.34
2373-2377-2381	1.00	0.50	19	13007.7	1.00	13007.7	52465.8	2993.1	129836.9	38634.6	0.0	0.34
2353-2357-2361-2365	1.50	0.50	17	6613.0	1.00	6613.0	65380.1	1706.2	196763.2	58594.4	0.0	0.11
2339-2343-2347	1.00	0.50	12	4043.0	1.00	4043.0	50387.3	848.6	129836.9	38634.6	0.0	0.07
2339-2343-2347	1.00	0.50	12	4043.0	1.00	4043.0	50387.3	848.6	129836.9	38634.6	0.0	0.07
2336-2337-2338-2339	1.50	0.50	17	4173.8	1.00	4173.8	77310.8	3806.3	196763.2	58594.4	0.0	0.07

▲NUCLEO 6616 6617 6618 6619 7288 6592 6496 6501 9875 10618 11273 / Nodi: 6616 6617 6618 6619 7288 6592 6496 6501 9875 10618 11273

▲Armature Nucleo

Modi	Sezione Numero	B	H	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
6616 6617	32	50	50	30	2x ϕ 20 15'	2x ϕ 12 20'
6617 6618	32	50	50	30	2x ϕ 20 15'	2x ϕ 12 20'
6618 6619	32	50	50	30	2x ϕ 20 15'	2x ϕ 12 20'
6619 6628	32	50	50	30	2x ϕ 20 15'	2x ϕ 12 20'
6628 6651	32	50	50	30	2x ϕ 20 15'	2x ϕ 12 20'
6651 6652	32	50	50	30	2x ϕ 20 15'	2x ϕ 12 20'
6652 6646	31	50	50	30	2x ϕ 14 20'	2x ϕ 12 20'
6646 6501	31	50	50	30	2x ϕ 14 20'	2x ϕ 12 20'
6501 9875	31	50	50	30	2x ϕ 14 20'	2x ϕ 12 20'
9875 10618	32	50	50	30	2x ϕ 20 15'	2x ϕ 12 20'
10618 11273	32	50	50	30	2x ϕ 20 15'	2x ϕ 12 20'

Sezione	Comb.	N ₅₆ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-269639.7	4190.7	-11251.1	0.10
Sommità	1	-267202.2	32522.4	-8654.1	0.09

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₁ [kgm]	σ [kg/cm ³]
	Base				
	sc Max	26	-183182.7	-7103.2	-11.9
	sc Med	26	-183182.7	-7103.2	-9.7
	sc	24	-183182.7	-7103.2	-11.61

	Base						
	sc	Max	26	-229762.5	4187.4	-3511.8	-13.5
	sc	Med	26	-229762.5	4187.4	-3511.8	-12.2
	st		24	-229762.5	4187.4	-3511.8	-17.5
	sc		26	-229762.5	4187.4	-3511.8	-20.2
Sommitra	sc	Max	26	-229762.5	4187.4	-3511.8	-13.5
	sc	Med	26	-229762.5	4187.4	-3511.8	-12.2
	st		24	-229762.5	4187.4	-3511.8	-17.5
	sc		26	-229762.5	4187.4	-3511.8	-20.2
	sc		26	-229762.5	4187.4	-3511.8	-20.2

▲ Verifiche a taglio dei diaframmi

[illegible]

▲NUCLEO 2186 2187 2188 2189 2199 2204 2208 2212 2216 2220 2224 / Nodi: 2186 2187 2188 2189 2199 2204 2208 2212 2216 2220 2224

▲Armature Nucleo

Nodi	Sezione Numero	B	H	Spessore [cm]	Armatura		Orientazione
					Verticale	Orizzontale	
2186/1187	22	50	50	30	2xø 20.15	2xø 12.20	
2187/1188	22	50	50	30	2xø 20.15	2xø 12.20	
2188/1189	22	50	50	30	2xø 20.15	2xø 12.20	
2189/1190	22	50	50	30	2xø 20.15	2xø 12.20	
2189/1191	22	50	50	30	2xø 20.15	2xø 12.20	
2190/1192	22	50	50	30	2xø 20.15	2xø 12.20	
2204/208	21	50	50	30	2xø 14.20	2xø 12.20	
2208/2212	21	50	50	30	2xø 14.20	2xø 12.20	
2212/2216	21	50	50	30	2xø 14.20	2xø 12.20	
2216/2220	22	50	50	30	2xø 20.15	2xø 12.20	
2220/2224	22	50	50	30	2xø 20.15	2xø 12.20	

Sezione	Comb.	N_{el} [kg]	M_{12} [kgm]	M_{13} [kgm]	Sd/Sr
Base	1	-336171.4	-210.4	-709.2	0.11
Sommità	1	-333733.9	-6697.3	3890.7	0.11

S.I.E.	Combinazione	N	M ₂ [g/m]	M ₁ [g/m]	σ [kg/cm ²]
Base	sc	26	-227887,5	755,8	-516,7
	sc	26	-227887,5	755,8	-516,7
	sc	26	-227887,5	755,8	-516,7
	sc	26	-227887,5	755,8	-516,7
Sommità	sc	26	-227887,5	755,8	-516,7
	sc	26	-227887,5	755,8	-516,7
	sc	26	-227887,5	755,8	-516,7
	sc	26	-227887,5	755,8	-516,7

▲ Verifiche a taglio dei diaframmi

[illegible]

▲NUCLEO 2336 2337 2338 2339 2349 2353 2357 2361 2365 2369 2373 / Nodi: 2336 2337 2338 2339 2349 2353 2357 2361 2365 2369 2373

2636 2637	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2637 2638	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2638 2648	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2648 2652	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2652 2656	31	50	50	30	2x ø 14 20'	2x ø 12 20'
2656 2660	31	50	50	30	2x ø 14 20'	2x ø 12 20'
2660 2664	31	50	50	30	2x ø 14 20'	2x ø 12 20'
2664 2668	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2668 2672	32	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N ₁₀ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-264764.7	23854.1	-6058.6	0.09
Sommità	1	-262327.2	15185.7	-3462.5	0.09

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-179432.7	14082.9	-3811.8	-10.6
sc Med	26	-179432.7	14082.9	-3811.8	-9.5
st	24	-179432.7	14082.9	-3811.8	-125.1
sc	26	-179432.7	14082.9	-3811.8	-159.4
Sommità					
sc Max	26	-179432.7	14082.9	-3811.8	-10.6
sc Med	26	-179432.7	14082.9	-3811.8	-9.5
st	24	-179432.7	14082.9	-3811.8	-125.1
sc	26	-179432.7	14082.9	-3811.8	-159.4

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ac} critica [kg]	V _u [kg]	α	N ₁₀ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{u,d} [kg]	V _{u0} [kg]	V _{u0,confronto} S/R [kg]
2664-2668-2672	1.00	0.50	19	5408.3	1.00	5408.3	-30703.6	-562.7	129836.9	38634.6	0.0	0.14
2652-2656-2660-2664	1.50	0.50	19	10391.2	1.00	10391.2	-58713.0	-1895.1	196763.2	58549.4	0.0	0.18
2638-2648-2652	1.00	0.50	17	5866.9	1.00	5866.9	-50340.8	-933.7	129836.9	38634.6	0.0	0.15
2635-2636-2637-2638	1.50	0.50	17	8552.3	1.00	8552.3	-47602.2	-14055.9	196763.2	58549.4	0.0	0.15

▲ NUCLEO 2784 2785 2786 2787 2797 2802 2806 2810 2814 2818 2822 / Nodi: 2784 2785 2786 2787 2797 2802 2806 2810 2814 2818 2822

▲ Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
2784 2785	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2785 2786	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2786 2787	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2787 2797	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2797 2802	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2802 2806	31	50	50	30	2x ø 14 20'	2x ø 12 20'
2806 2810	31	50	50	30	2x ø 14 20'	2x ø 12 20'
2810 2814	31	50	50	30	2x ø 14 20'	2x ø 12 20'
2814 2818	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2818 2822	32	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N ₁₀ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-262327.2	15185.7	-3462.5	0.09
Sommità	1	-259889.7	6517.3	-866.5	0.08

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-177557.7	9097.7	-2166.2	-10.0
sc Med	26	-177557.7	9097.7	-2166.2	-9.4
st	24	-177557.7	9097.7	-2166.2	-129.7
sc	26	-177557.7	9097.7	-2166.2	-150.2
Sommità					
sc Max	26	-177557.7	9097.7	-2166.2	-10.0
sc Med	26	-177557.7	9097.7	-2166.2	-9.4

sc	26	-183182.7	24053.3	-7103.2	-177.7
Sommità					
sc Max	26	-183182.7	24053.3	-7103.2	-11.9
sc Med	26	-183182.7	24053.3	-7103.2	-9.7
st	24	-183182.7	24053.3	-7103.2	-116.1
sc	26	-183182.7	24053.3	-7103.2	-177.7

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ac} critica [kg]	V _u [kg]	α	N ₁₀ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{u,d} [kg]	V _{u0} [kg]	V _{u0,confronto} S/R [kg]
9875-10618-11273	1.00	0.50	19	8679.5	1.00	8679.5	-23511.2	-1116.8	129836.9	38634.6	0.0	0.22
6592-6496-6501-9875	1.50	0.50	19	5930.7	1.00	5930.7	-60393.7	-3765.0	196763.2	58549.4	0.0	0.10
6619-7288-6592	1.00	0.50	17	7249.9	1.00	7249.9	-63747.6	-1775.1	129836.9	38634.6	0.0	0.19
6616-6617-6618-6619	1.50	0.50	12	5531.4	1.00	5531.4	-65529.8	-7502.5	196763.2	58549.4	0.0	0.09

▲ NUCLEO 2485 2486 2487 2488 2498 2503 2507 2511 2515 2519 2523 / Nodi: 2485 2486 2487 2488 2498 2503 2507 2511 2515 2519 2523

▲ Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
2485 2486	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2486 2487	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2487 2488	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2488 2498	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2488 2503	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2503 2507	31	50	50	30	2x ø 14 20'	2x ø 12 20'
2507 2511	31	50	50	30	2x ø 14 20'	2x ø 12 20'
2511 2515	31	50	50	30	2x ø 14 20'	2x ø 12 20'
2515 2519	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2519 2523	32	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N ₁₀ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-267702.2	32522.4	-8655.4	0.09
Sommità	1	-264764.7	23854.0	-6057.8	0.09

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-181307.7	19068.1	-5457.4	-11.3
sc Med	26	-181307.7	19068.1	-5457.4	-9.6
st	24	-181307.7	19068.1	-5457.4	-120.6
sc	26	-181307.7	19068.1	-5457.4	-168.5
Sommità					
sc Max	26	-181307.7	19068.1	-5457.4	-11.3
sc Med	26	-181307.7	19068.1	-5457.4	-9.6
st	24	-181307.7	19068.1	-5457.4	-120.6
sc	26	-181307.7	19068.1	-5457.4	-168.5

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ac} critica [kg]	V _u [kg]	α	N ₁₀ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{u,d} [kg]	V _{u0} [kg]	V _{u0,confronto} S/R [kg]
2515-2519-2523	1.00	0.50	19	7472.9	1.00	7472.9	-27101.8	-840.5	129836.9	38634.6	0.0	0.19
2509-2507-2511-2515	1.50	0.50	19	8199.2	1.00	8199.2	-59563.9	-2836.7	196763.2	58549.4	0.0	0.14
2488-2498-2503	1.00	0.50	17	6177.6	1.00	6177.6	-57036.1	-1355.2	129836.9	38634.6	0.0	0.16
2485-2486-2487-2488	1.50	0.50	17	6983.2	1.00	6983.2	-44468.6	-3359.1	196763.2	58549.4	0.0	0.12

▲ NUCLEO 2635 2636 2637 2638 2648 2652 2656 2660 2664 2668 2672 / Nodi: 2635 2636 2637 2638 2648 2652 2656 2660 2664 2668 2672

▲ Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
2635 2636	32	50	50	30	2x ø 20 15'	2x ø 12 20'

3105 3109	31	50	50	30	2x ø 14 20'	2x ø 12 20'
3109 3113	31	50	50	30	2x ø 14 20'	2x ø 12 20'
3113 3117	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3117 3121	32	50	50	30	2x ø 20 15'	2x ø 12 20'

▲ Verifiche a taglio dei diaframmi

Sezione	Comb.	N _u [kg]	M _{u2} [kgm]	M _{u3} [kgm]	Sd/Sr
Base	1	-257452.2	-2151.0	1729.8	0.08
Sommità	1	-255014.7	-10819.4	4326.5	0.09

S.L.E.	Combinazione	N [kg]	M _{u2} [kgm]	M _{u3} [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-173807.7	-872.6	1123.9	-9.4
sc Med	26	-173807.7	-872.6	1123.9	-9.2
st	24	-173807.7	-872.6	1123.9	-131.8
sc	26	-173807.7	-872.6	1123.9	-141.3
Sommità					
sc Max	26	-173807.7	-872.6	1123.9	-9.4
sc Med	26	-173807.7	-872.6	1123.9	-9.2
st	24	-173807.7	-872.6	1123.9	-131.8
sc	26	-173807.7	-872.6	1123.9	-141.3

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _u [kg]	α	V _u [kg]	N _u [kg]	M _{u2} [kgm]	M _{u3} [kgm]	V _{u2} [kg]	V _{u3} [kg]	V _{u3} corrente S/R
3113-3117-3121	1.00	0.50	19	6300.6	1.00	6300.6	-41422.8	272.4	129836.9	38634.6	0.0	0.16
3101-3105-3109-3113	1.50	0.50	19	10468.8	1.00	10468.8	-56004.6	915.4	196763.2	58549.4	0.0	0.18
3086-3096-3101	1.00	0.50	17	4959.3	1.00	4959.3	-25811.3	344.7	129836.9	38634.6	0.0	0.15
3083-3084-3085-3086	1.50	0.50	17	8418.7	1.00	8418.7	-56304.7	62688.4	196763.2	58549.4	0.0	0.14

▲ ANUCLEO 3233 3234 3235 3236 3246 3250 3254 3258 3262 3266 3270 / Nodi: 3233 3234 3235 3236 3246 3250 3254 3258 3262 3266 3270

▲ Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
3233 3234	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3244 3235	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3235 3236	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3236 3246	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3246 3250	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3250 3254	31	50	50	30	2x ø 14 20'	2x ø 12 20'
3254 3258	31	50	50	30	2x ø 14 20'	2x ø 12 20'
3258 3262	31	50	50	30	2x ø 14 20'	2x ø 12 20'
3262 3266	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3266 3270	32	50	50	30	2x ø 20 15'	2x ø 12 20'

▲ Verifiche a taglio dei diaframmi

Sezione	Comb.	N _u [kg]	M _{u2} [kgm]	M _{u3} [kgm]	Sd/Sr
Base	1	-255014.7	-10819.4	4326.4	0.09
Sommità	1	-252572.2	-19487.7	6922.7	0.09

▲ ANUCLEO 3083 3084 3085 3086 3096 3101 3105 3109 3113 3117 3121 / Nodi: 3083 3084 3085 3086 3096 3101 3105 3109 3113 3117 3121

▲ Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
3083 3084	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3084 3085	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3085 3086	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3086 3096	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3096 3101	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3101 3105	31	50	50	30	2x ø 14 20'	2x ø 12 20'

st	24	-177557.7	9097.7	-2166.2	-129.7
sc	26	-177557.7	9097.7	-2166.2	-150.2

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _u [kg]	α	V _u [kg]	N _u [kg]	M _{u2} [kgm]	M _{u3} [kgm]	V _{u2} [kg]	V _{u3} [kg]	V _{u3} corrente S/R
2814-2818-2822	1.00	0.50	19	4587.5	1.00	4587.5	-34150.8	-289.6	129836.9	38634.6	0.0	0.12
2802-2806-2810-2814	1.50	0.50	19	11158.7	1.00	11158.7	-57741.1	-972.1	196763.2	58549.4	0.0	0.19
2787-2797-2802	1.00	0.50	17	5859.2	1.00	5859.2	-43441.3	-509.3	129836.9	38634.6	0.0	0.15
2784-2785-2786-2787	1.50	0.50	17	9206.5	1.00	9206.5	-50413.2	-48163.8	196763.2	58549.4	0.0	0.16

▲ ANUCLEO 2934 2935 2936 2937 2947 2951 2955 2959 2963 2967 2971 / Nodi: 2934 2935 2936 2937 2947 2951 2955 2959 2963 2967 2971

▲ Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
2934 2935	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2935 2936	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2936 2937	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2937 2947	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2947 2951	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2951 2955	31	50	50	30	2x ø 14 20'	2x ø 12 20'
2955 2959	31	50	50	30	2x ø 14 20'	2x ø 12 20'
2959 2963	31	50	50	30	2x ø 14 20'	2x ø 12 20'
2963 2967	32	50	50	30	2x ø 20 15'	2x ø 12 20'
2967 2971	32	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _u [kg]	M _{u2} [kgm]	M _{u3} [kgm]	Sd/Sr
Base	1	-259889.7	6517.3	-684.7	0.08
Sommità	1	-257452.2	-2151.0	1728.9	0.08

S.L.E.	Combinazione	N [kg]	M _{u2} [kgm]	M _{u3} [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-175682.7	4112.5	-520.3	-9.6
sc Med	26	-175682.7	4112.5	-520.3	-9.3
st	24	-175682.7	4112.5	-520.3	-133.8
sc	26	-175682.7	4112.5	-520.3	-144.0
Sommità					
sc Max	26	-175682.7	4112.5	-520.3	-9.6
sc Med	26	-175682.7	4112.5	-520.3	-9.3
st	24	-175682.7	4112.5	-520.3	-133.8
sc	26	-175682.7	4112.5	-520.3	-144.0

▲Verifiche a taglio dei diaframmi

Diaframma	B		H	Comb.	V _{cr} [kg]	α	V _{rd} [kg]	N _{rd} [kg]	M _{rd} [kgm]	V _{rd} [kg]	V _{rd,ultimo}		S/R
	[m]	[m]									[kg]	[kg]	
3262-3266-3270	1,00	0,50	19	10023,9	1,00	10023,9	-44934,1	5400,1	129836,9	38634,6	0,0	0,26	
3250-3254-3258-3262	1,50	0,50	19	8140,9	1,00	8140,9	-55251,1	1822,5	196763,2	58549,4	0,0	0,14	
3236-3246-3250	1,00	0,50	17	4030,9	1,00	4030,9	-23383,2	747,1	129836,9	38634,6	0,0	0,10	
3233-3234-3235-3236	1,50	0,50	17	6650,0	1,00	6650,0	-59264,8	69787,5	196763,2	58549,4	0,0	0,11	

▲NUCLEO 3382 3383 3384 3385 3399 3404 3408 3412 3416 3420 / Nodi: 3382 3383 3384 3385 3395 3399 3404 3408 3412 3416 3420

▲Armature Nucleo

Nodi	Sezione	Numero	B	H	Spessore [cm]	Armatura	
						Verticale	Orizzontale
3382-3383	32	50	50	30	2x ø 20 15'	2x ø 12 20'	
3383-3384	32	50	50	30	2x ø 20 15'	2x ø 12 20'	
3384-3385	32	50	50	30	2x ø 20 15'	2x ø 12 20'	
3385-3395	32	50	50	30	2x ø 20 15'	2x ø 12 20'	
3395-3399	32	50	50	30	2x ø 20 15'	2x ø 12 20'	
3399-3404	31	50	50	30	2x ø 14 20'	2x ø 12 20'	
3404-3408	31	50	50	30	2x ø 14 20'	2x ø 12 20'	
3408-3412	31	50	50	30	2x ø 14 20'	2x ø 12 20'	
3412-3416	32	50	50	30	2x ø 20 15'	2x ø 12 20'	
3416-3420	32	50	50	30	2x ø 20 15'	2x ø 12 20'	

Sezione	Comb.	N _{rd}		M _{rd} [kgm]	Sd/Sr
		1	2		
Base		-252577,2	-19487,7	6922,3	0,09
Sommità		-250139,7	-28156,1	9519,0	0,09

S.L.E.

S.L.E.	Combinazione	N [kg]	M _{rd} [kgm]	M _{rd} [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-170057,7	-10843,0	44154	-9,9
sc Med	26	-170057,7	-10843,0	44154	-9,0
st	24	-170057,7	-10843,0	44154	-113,6
sc	26	-170057,7	-10843,0	44154	-147,9
Sommità					
sc Max	26	-170057,7	-10843,0	44154	-9,9
sc Med	26	-170057,7	-10843,0	44154	-9,0
st	24	-170057,7	-10843,0	44154	-113,6
sc	26	-170057,7	-10843,0	44154	-147,9

▲Verifiche a taglio dei diaframmi

Diaframma	B		H	Comb.	V _{cr} [kg]	α	V _{rd} [kg]	N _{rd} [kg]	M _{rd} [kgm]	V _{rd} [kg]	V _{rd,ultimo}		S/R
	[m]	[m]									[kg]	[kg]	
3412-3416-3420	1,00	0,50	19	14367,0	1,00	14367,0	-48592,5	8365,1	129836,9	38634,6	0,0	0,27	
3399-3404-3408-3412	1,50	0,50	19	5691,2	1,00	5691,2	-54300,6	2789,3	196763,2	58549,4	0,0	0,10	
3385-3395-3399	1,00	0,50	17	3207,3	1,00	3207,3	-16493,8	1176,9	129836,9	38634,6	0,0	0,08	
3382-3383-3384-3385	1,50	0,50	12	-6491,9	1,00	-6491,9	-42857,2	98273,8	196763,2	58549,4	0,0	0,11	

▲NUCLEO 6716 6717 6718 6719 7388 6292 6296 6301 9975 10718 11373 / Nodi: 6716 6717 6718 6719 7388 6292 6296 6301 9975 10718 11373

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura		Armaturo Orizzontale
					Verticale		
6716/6717	42	50	50	30	2x ø 20 15'	2x ø 12 20'	
6717/6718	42	50	50	30	2x ø 20 15'	2x ø 12 20'	
6718/6719	42	50	50	30	2x ø 20 15'	2x ø 12 20'	
6719/7388	42	50	50	30	2x ø 20 15'	2x ø 12 20'	
7388/6292	42	50	50	30	2x ø 20 15'	2x ø 12 20'	
6292/6296	41	50	50	30	2x ø 14 20'	2x ø 12 20'	
6296/6301	41	50	50	30	2x ø 14 20'	2x ø 12 20'	
6301/9975	41	50	50	30	2x ø 14 20'	2x ø 12 20'	
9975/10718	42	50	50	30	2x ø 20 15'	2x ø 12 20'	
10718/11373	42	50	50	30	2x ø 20 15'	2x ø 12 20'	

Sezione	Comb.	N _{rd} [kg]	M _{rd} [kgm]	M _{rd} [kgm]	Sd/Sr
Base	1	-184019,0	-40296,9	-13377,8	0,07
Sommità	1	-181581,5	29726,5	-10108,6	0,07

S.L.E.	Combinazione	N [kg]	M _{rd} [kgm]	M _{rd} [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-124275,1	23627,7	-8633,6	-9,4
sc Med	26	-124275,1	23627,7	-8633,6	-6,6
st	23	-125591,1	24522,7	-8931,8	-70,8
sc	26	-124275,1	23627,7	-8633,6	-140,3
Sommità					
sc Max	26	-124275,1	23627,7	-8633,6	-9,4
sc Med	26	-124275,1	23627,7	-8633,6	-6,6
st	23	-125591,1	24522,7	-8931,8	-70,8
sc	26	-124275,1	23627,7	-8633,6	-140,3

▲Verifiche a taglio dei diaframmi

Diaframma	B		H	Comb.	V _{cr} [kg]	α	V _{rd} [kg]	N _{rd} [kg]	M _{rd} [kgm]	V _{rd} [kg]	V _{rd,ultimo}		S/R
	[m]	[m]									[kg]	[kg]	
9975-10718-11373	1,00	0,50	19	10451,7	1,00	10451,7	-16306,3	-747,0	129836,9	38634,6	0,0	0,27	
6292-6296-6301-9975	1,50	0,50	17	5725,4	1,00	5725,4	-42970,1	-4044,7	196763,2	58549,4	0,0	0,10	
6719-7388-6292	1,00	0,50	17	6454,6	1,00	6454,6	-47050,5	-1437,4	129836,9	38634,6	0,0	0,17	
6716-6717-6718-6719	1,50	0,50	12	-4104,6	1,00	-4104,6	-44502,0	48870,4	196763,2	58549,4	0,0	0,07	

▲NUCLEO 3532 3533 3534 3535 3549 3553 3557 3561 3565 3569 / Nodi: 3532 3533 3534 3535 3545 3549 3553 3557 3561 3565 3569

▲Armature Nucleo

Nodi	Sezione	Numero	B [cm]	H [cm]	Spessore [cm]	Armatura	
						Verticale	Orizzontale
3532 3533	42	50	50	30	2x ø 20 15'	2x ø 12 20'	
3533 3534	42	50	50	30	2x ø 20 15'	2x ø 12 20'	
3534 3535	42	50	50	30	2x ø 20 15'	2x ø 12 20'	
3535 3545	42	50	50	30	2x ø 20 15'	2x ø 12 20'	
3545 3549	42	50	50	30	2x ø 20 15'	2x ø 12 20'	
3549 3553	41	50	50	30	2x ø 14 20'	2x ø 12 20'	
3553 3557	41	50	50	30	2x ø 14 20'	2x ø 12 20'	
3557 3561	41	50	50	30	2x ø 14 20'	2x ø 12 20'	
3561 3565	42	50	50	30	2x ø 20 15'	2x ø 12 20'	
3565 3569	42	50	50	30	2x ø 20 15'	2x ø 12 20'	

Sezione	Comb.	N _{rd}		M _{rd} [kgm]	Sd/Sr
		1	2		
Base		-181581,5	29726,6	-10108,9	0,07
Sommità		-179144,0	19156,2	-6839,7	0,06

S.L.E.	Combinazione	N [kg]	M _{rd} [kgm]	M _{rd} [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-122400,1	17401,3	-6521,1	-8,6
sc Med	26	-122400,1	17401,3	-6521,1	-6,5
st	24	-122400,1	17401,3	-6521,1	-76,8
sc	26	-122400,1	17401,3	-6521,1	-128,9
Sommità					
sc Max	26	-122400,1	17401,3	-6521,1	-8,6
sc Med	26	-122400,1	17401,3	-6521,1	-6,5
st	24	-122400,1	17401,3	-6521,1	-76,8
sc	26	-122400,1	17401,3	-6521,1	-128,9

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{cr} [kg]	α	V _{rd} [kg]	N _{rd} [kg]	M _{rd} [kgm]	V _{rd} [kg]	V _{rd,ultimo}		S/R
										[kg]	[kg]	
3561-3565-3569	1,00	0,50	19	8475,5	1,00	8475,5	19786,0	-466,2	129836,9	38634,6	0,0	0,22

3540-3553-3557-3561	150	0,50	1	7827,7	1,00	7827,7	55510,1	-2640,3	196763,2	585494,4	0,0	0,13
3555-3545-3549	100	0,50	17	5701,5	1,00	5701,5	-40075,6	-5011,9	129836,9	386346,6	0,0	0,15
3552-3533-3534-3535	150	0,50	17	6411,2	1,00	6411,2	-27632,3	18790,5	196763,2	585494,4	0,0	0,11

ANUCLEO 3681 3682 3683 3684 3694 3698 3703 3707 3711 3715 3719 / Nodi: 3681 3682 3683 3684 3694 3698
3703 3707 3711 3715 3719

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
3681 3682	42	50	50	30	2x ø 20 15	2x ø 12 20
3682 3683	42	50	50	30	2x ø 20 15	2x ø 12 20
3683 3684	42	50	50	30	2x ø 20 15	2x ø 12 20
3684 3694	42	50	50	30	2x ø 20 15	2x ø 12 20
3684 3698	42	50	50	30	2x ø 20 15	2x ø 12 20
3688 3703	41	50	50	30	2x ø 14 20	2x ø 12 20
3703 3707	41	50	50	30	2x ø 14 20	2x ø 12 20
3707 3711	41	50	50	30	2x ø 14 20	2x ø 12 20
3711 3715	42	50	50	30	2x ø 20 15	2x ø 12 20
3715 3719	42	50	50	30	2x ø 20 15	2x ø 12 20

Sezione	Comb.	N _u [kg]	M _u [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]	Sd/Sr
Base	1	-179144,0	13156,2	8585,8	-6839,6	0,06	
Sommità	1	-176706,5	8585,8	-3570,4	0,06		

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-120525,1	11174,9	-44090	-7,8
sc Med	26	-120525,1	11174,9	-44090	-6,4
st	24	-120525,1	11174,9	-44090	-82,9
sc	26	-120525,1	11174,9	-44090	-117,5
Sommità					
sc Max	26	-120525,1	11174,9	-44090	-7,8
sc Med	26	-120525,1	11174,9	-44090	-6,4
st	24	-120525,1	11174,9	-44090	-82,9
sc	26	-120525,1	11174,9	-44090	-117,5

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _u [kg]	α	N _u [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{u,d} [kg]	V _{u,s} [kg]	V _{u,accidente} [kg]	S/R
3711-3715-3719	1,00	0,50	19	5794,4	1,00	5794,4	-23174,5	-2045,1	129836,9	386346,6	0,0	0,15
3698-3703-3707-3711	1,50	0,50	1	10068,1	1,00	10068,1	-54501,4	-17362,1	196763,2	585494,4	0,0	0,17
3684-3694-3698	1,00	0,50	17	5636,1	1,00	5636,1	-33782,0	-6149,1	129836,9	386346,6	0,0	0,15
3681-3682-3683-3684	1,50	0,50	16	8063,3	1,00	8063,3	-28100,9	-20194,1	196763,2	585494,4	0,0	0,14

ANUCLEO 3831 3832 3833 3834 3844 3848 3852 3856 3860 3864 3868 / Nodi: 3831 3832 3833 3834 3844 3848
3852 3856 3860 3864 3868

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
3831 3832	42	50	50	30	2x ø 20 15	2x ø 12 20
3832 3833	42	50	50	30	2x ø 20 15	2x ø 12 20
3833 3834	42	50	50	30	2x ø 20 15	2x ø 12 20
3834 3844	42	50	50	30	2x ø 20 15	2x ø 12 20
3844 3848	42	50	50	30	2x ø 20 15	2x ø 12 20
3848 3852	41	50	50	30	2x ø 14 20	2x ø 12 20
3852 3856	41	50	50	30	2x ø 14 20	2x ø 12 20
3856 3860	41	50	50	30	2x ø 14 20	2x ø 12 20
3860 3864	42	50	50	30	2x ø 20 15	2x ø 12 20
3864 3868	42	50	50	30	2x ø 20 15	2x ø 12 20

Sezione	Comb.	N _u [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ/Sr
Base	1	-176706,5	8585,8	-3570,7	0,06
Sommità	1	-174269,0	-1984,6	-301,5	0,06

ANUCLEO 3980 3981 3982 3983 3993 3997 4002 4006 4010 4014 4018 / Nodi: 3980 3981 3982 3983 3993 3997
4002 4006 4010 4014 4018

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
3980 3981	42	50	50	30	2x ø 20 15	2x ø 12 20
3981 3982	42	50	50	30	2x ø 20 15	2x ø 12 20
3982 3983	42	50	50	30	2x ø 20 15	2x ø 12 20
3983 3993	42	50	50	30	2x ø 20 15	2x ø 12 20
3993 3997	42	50	50	30	2x ø 20 15	2x ø 12 20
3997 4002	41	50	50	30	2x ø 14 20	2x ø 12 20
4002 4006	41	50	50	30	2x ø 14 20	2x ø 12 20
4006 4010	41	50	50	30	2x ø 14 20	2x ø 12 20
4010 4014	42	50	50	30	2x ø 20 15	2x ø 12 20
4014 4018	42	50	50	30	2x ø 20 15	2x ø 12 20

Sezione	Comb.	N _u [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-174269,0	-1984,6	-301,0	0,06
Sommità	1	-171831,5	-12555,0	2968,2	0,06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-116775,1	-1278,0	-183,6	-6,4
sc Med	26	-116775,1	-1278,0	-183,6	-6,2
st	24	-116775,1	-1278,0	-183,6	-90,3
sc	26	-116775,1	-1278,0	-183,6	-95,4
Sommità					
sc Max	26	-116775,1	-1278,0	-183,6	-6,4
sc Med	26	-116775,1	-1278,0	-183,6	-6,2
st	24	-116775,1	-1278,0	-183,6	-90,3
sc	26	-116775,1	-1278,0	-183,6	-95,4

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _u [kg]	α	N _u [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{u,d} [kg]	V _{u,s} [kg]	V _{u,accidente} [kg]	S/R
4010-4014-4018	1,00	0,50	19	4786,9	1,00	4786,9	-30075,4	-339,3	129836,9	386346,6	0,0	0,12
3997-4002-4006-4010	1,50	0,50	1	10929,5	1,00	10929,5	-52484,1	90,2	196763,2	585494,4	0,0	0,19
3983-3993-3997	1,00	0,50	17	5658,2	1,00	5658,2	-19990,0	255,2	129836,9	386346,6	0,0	0,15
3980-3981-3982-3983	1,50	0,50	16	8729,5	1,00	8729,5	-34296,9	3647,2	196763,2	585494,4	0,0	0,15

ANUCLEO 4130 4131 4132 4133 4143 4147 4151 4155 4159 4163 4167 / Nodi: 4130 4131 4132 4133 4143 4147
4151 4155 4159 4163 4167

AArmature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
4130-4131	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4131-4132	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4132-4133	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4133-4143	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4143-4147	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4147-4151	41	50	50	30	2x ø 14 20'	2x ø 12 20'
4151-4155	41	50	50	30	2x ø 14 20'	2x ø 12 20'
4155-4159	41	50	50	30	2x ø 14 20'	2x ø 12 20'
4159-4163	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4163-4167	42	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _u [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	Sd/Sr
Base	1	-1718315	-125551	2869.1	0.06
Sommità	1	-1693940	-231254	6237.6	0.06

S.L.E.	Combinazione	N [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-1149001	-7504.3	1928.3	-6.7
sc Med	26	-1149001	-7504.3	1928.3	-6.1
st	24	-1149001	-7504.3	1928.3	-83.2
sc	26	-1149001	-7504.3	1928.3	-100.9
Sommità					
sc Max	26	-1149001	-7504.3	1928.3	-6.7
sc Med	26	-1149001	-7504.3	1928.3	-6.1
st	24	-1149001	-7504.3	1928.3	-83.2
sc	26	-1149001	-7504.3	1928.3	-100.9

AVerifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	V _{ac} [kg]	α	V _u [kg]	N _u [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	V _{u,d} [kg]	V _{u,d} [kg]	V _{u,corrente} [kg]	S/R
4159-4163-4167	1.00	0.50	19	6298.6	1.00	6298.6	-33564.4	6134.1	129836.9	386346	0.0	0.16
4147-4151-4155-4159	1.50	0.50	1	10125.1	1.00	10125.1	-53475.2	10034.1	196763.2	585494	0.0	0.17
4133-4143-4147	1.00	0.50	17	5107.6	1.00	5107.6	-113138.9	6824.1	129836.9	386346	0.0	0.13
4130-4131-4132-4133	1.50	0.50	16	7991.9	1.00	7991.9	-137354.0	48791.1	196763.2	585494	0.0	0.14

ANUCLEO 4279 4280 4281 4282 4292 4296 4301 4305 4309 4313 4317 / Nodi: 4279 4280 4281 4282 4292 4296
4301 4305 4309 4313 4317

AArmature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
4279 4280	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4280 4281	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4281 4282	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4282 4292	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4292 4296	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4296 4301	41	50	50	30	2x ø 14 20'	2x ø 12 20'
4301 4305	41	50	50	30	2x ø 14 20'	2x ø 12 20'
4305 4309	41	50	50	30	2x ø 14 20'	2x ø 12 20'
4309 4313	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4313 4317	42	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _u [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	Sd/Sr
Base	1	-1693940	-231254	6237.1	0.06
Sommità	1	-1669565	-336958	9506.4	0.06

S.L.E.	Combinazione	N [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	σ [kg/cm²]
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Base	26	-113025.1	-137308	4041.2	-7.1
sc Max	26	-113025.1	-137308	4041.2	-60
sc Med	24	-113025.1	-137308	4041.2	-71.8
st	26	-113025.1	-137308	4041.2	-106.9
sc	26	-113025.1	-137308	4041.2	-106.9
Sommità					
sc Max	26	-113025.1	-137308	4041.2	-7.1
sc Med	26	-113025.1	-137308	4041.2	-60
st	24	-113025.1	-137308	4041.2	-71.8
sc	26	-113025.1	-137308	4041.2	-106.9

AVerifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	V _{ac} [kg]	α	V _u [kg]	N _u [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	V _{u,d} [kg]	V _{u,d} [kg]	V _{u,corrente} [kg]	S/R
4309-4313-4317	1.00	0.50	1	10088.3	1.00	10088.3	-42162.3	567.8	129836.9	386346	0.0	0.26
4296-4301-4305-4309	1.50	0.50	1	7670.4	1.00	7670.4	-50466.9	1916.5	196763.2	585494	0.0	0.13
4282-4292-4296	1.00	0.50	17	4382.8	1.00	4382.8	-6777.3	1084.0	129836.9	386346	0.0	0.11
4279-4280-4281-4282	1.50	0.50	17	6251.3	1.00	6251.3	-41019.0	15016.1	196763.2	585494	0.0	0.11

ANUCLEO 4429 4430 4431 4432 4442 4446 4450 4454 4458 4462 4466 / Nodi: 4429 4430 4431 4432 4442 4446
4450 4454 4458 4462 4466

AArmature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
4429 4430	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4430 4431	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4431 4432	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4432 4442	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4442 4446	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4446 4450	41	50	50	30	2x ø 14 20'	2x ø 12 20'
4450 4454	41	50	50	30	2x ø 14 20'	2x ø 12 20'
4454 4458	41	50	50	30	2x ø 14 20'	2x ø 12 20'
4458 4462	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4462 4466	42	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _u [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	Sd/Sr
Base	1	-1669565	-336958	9506.9	0.06
Sommità	1	-164519.0	-44266.2	12775.7	0.07

S.L.E.	Combinazione	N [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-111150.1	-19957.2	6152.8	-7.6
sc Med	26	-111150.1	-19957.2	6152.8	-5.9
st	24	-111150.1	-19957.2	6152.8	-60.3
sc	26	-111150.1	-19957.2	6152.8	-112.9
Sommità					
sc Max	26	-111150.1	-19957.2	6152.8	-7.6
sc Med	26	-111150.1	-19957.2	6152.8	-5.9
st	24	-111150.1	-19957.2	6152.8	-60.3
sc	26	-111150.1	-19957.2	6152.8	-112.9

AVerifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	V _{ac} [kg]	α	V _u [kg]	N _u [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	V _{u,d} [kg]	V _{u,d} [kg]	V _{u,corrente} [kg]	S/R
4458-4462-4466	1.00	0.50	1	14418.6	1.00	14418.6	-45948.5	838.4	129836.9	386346	0.0	0.37
4446-4450-4454-4458	1.50	0.50	17	5234.3	1.00	5234.3	-29417.9	4277.2	196763.2	585494	0.0	0.09
4432-4442-4446	1.00	0.50	17	3899.0	1.00	3899.0	-2044.1	1502.8	129836.9	386346	0.0	0.10
4429-4430-4431-4432	1.50	0.50	12	4562.2	1.00	4562.2	-25671.8	22282.8	196763.2	585494	0.0	0.08

ANUCLEO 6816 6817 6818 6819 7488 6392 6396 6401 10075 10818 11473 / Nodi: 6816 6817 6818 6819 7488
6392 6396 6401 10075 10818 11473

Nodi	Sezione		B	H	Spessore	Armatura Verticale	Armatura Orizzontale
	Numero	[cm]					
6816 6817	52	50	50	30	2x ø 20 15'	2x ø 12 20'	
	52	50	50	30	2x ø 20 15'	2x ø 12 20'	
	52	50	50	30	2x ø 20 15'	2x ø 12 20'	
	52	50	50	30	2x ø 20 15'	2x ø 12 20'	
6818 6819	52	50	50	30	2x ø 20 15'	2x ø 12 20'	
	52	50	50	30	2x ø 20 15'	2x ø 12 20'	
	52	50	50	30	2x ø 20 15'	2x ø 12 20'	
	52	50	50	30	2x ø 20 15'	2x ø 12 20'	
7488 6392	52	50	50	30	2x ø 20 15'	2x ø 12 20'	
	51	50	50	30	2x ø 14 20'	2x ø 12 20'	
	51	50	50	30	2x ø 14 20'	2x ø 12 20'	
	51	50	50	30	2x ø 14 20'	2x ø 12 20'	
6396 6401	51	50	50	30	2x ø 14 20'	2x ø 12 20'	
	51	50	50	30	2x ø 14 20'	2x ø 12 20'	
	51	50	50	30	2x ø 14 20'	2x ø 12 20'	
	51	50	50	30	2x ø 14 20'	2x ø 12 20'	
10075 10818	52	50	50	30	2x ø 20 15'	2x ø 12 20'	
	52	50	50	30	2x ø 20 15'	2x ø 12 20'	
	52	50	50	30	2x ø 20 15'	2x ø 12 20'	
	52	50	50	30	2x ø 20 15'	2x ø 12 20'	

Sezione	Comb.	N _u	M _u	M _u	M _u	M _u	Sd/Sr
		[kg]	[kgm]	[kgm]	[kgm]	[kgm]	
Base	16	-59803.8	25157.6	-26894.5	0.06		
Sommità	16	-58501.0	13812.1	-17528.6	0.04		

S.L.E.	Combinazione	N	M _u	M _u	M _u	σ
		[kg]	[kgm]	[kgm]	[kgm]	[kg/cm²]
Base	26	-62588.4	21463.0	-8531.9	-6.1	
	24	-62588.4	21463.0	-8531.9	-3.3	
	21	-64395.0	23903.0	-9192.1	-23.2	
	26	-62588.4	21463.0	-8531.9	-91.6	
Sommità	26	-62588.4	21463.0	-8531.9	-6.1	
	24	-62588.4	21463.0	-8531.9	-3.3	
	21	-64395.0	23903.0	-9192.1	-23.2	
	26	-62588.4	21463.0	-8531.9	-91.6	

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _u	α	N _u	M _u	V _u	V _u	V _u	S/R
	[m]	[m]	critica	[kg]		[kg]	[kgm]	[kg]	[kg]	[kg]	
10075-10818-1473	1.00	0.50	1	12786.1	1.00	12786.1	-5018.6	-989.1	12986.9	38634.6	0.0 0.26
6392-6396-6401-10075	1.50	0.50	1	10788.8	1.00	10788.8	-29782.0	-3338.1	196763.2	58549.4	0.0 0.18
6819-7488-6392	1.00	0.50	1	8753.7	1.00	8753.7	-34980.0	-1154.9	12986.9	38634.6	0.0 0.23
6816-6817-6818-6819	1.50	0.50	16	6745.2	1.00	6745.2	-35145.1	-10885.0	196763.2	58549.4	0.0 0.12

▲NUCLEO 4578 4579 4580 4581 4591 4595 4599 4604 4608 4612 4616 / Nodi: 4578 4579 4580 4581 4591 4595 4599 4604 4608 4612 4616

Nodi	Sezione	B	H	Spessore	Armatura Verticale	Armatura Orizzontale
	Numero	[cm]	[cm]			
4578 4579	52	50	50	30	2x ø 20 15'	2x ø 12 20'
	52	50	50	30	2x ø 20 15'	2x ø 12 20'
	52	50	50	30	2x ø 20 15'	2x ø 12 20'
	52	50	50	30	2x ø 20 15'	2x ø 12 20'
4580 4581	52	50	50	30	2x ø 20 15'	2x ø 12 20'
	52	50	50	30	2x ø 20 15'	2x ø 12 20'
	52	50	50	30	2x ø 20 15'	2x ø 12 20'
	52	50	50	30	2x ø 20 15'	2x ø 12 20'
4591 4595	52	50	50	30	2x ø 20 15'	2x ø 12 20'
	51	50	50	30	2x ø 14 20'	2x ø 12 20'
	51	50	50	30	2x ø 14 20'	2x ø 12 20'
	51	50	50	30	2x ø 14 20'	2x ø 12 20'
4599 4604	51	50	50	30	2x ø 14 20'	2x ø 12 20'
	51	50	50	30	2x ø 14 20'	2x ø 12 20'
	51	50	50	30	2x ø 14 20'	2x ø 12 20'
	51	50	50	30	2x ø 14 20'	2x ø 12 20'
4604 4608	51	50	50	30	2x ø 14 20'	2x ø 12 20'
	51	50	50	30	2x ø 14 20'	2x ø 12 20'
	51	50	50	30	2x ø 14 20'	2x ø 12 20'
	51	50	50	30	2x ø 14 20'	2x ø 12 20'
4608 4612	52	50	50	30	2x ø 20 15'	2x ø 12 20'
	52	50	50	30	2x ø 20 15'	2x ø 12 20'
	52	50	50	30	2x ø 20 15'	2x ø 12 20'
	52	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _u	M _u	M _u	Sd/Sr
		[kg]	[kgm]	[kgm]	
Base	16	-58622.3	13673.9	-17471.5	0.04
Sommità	1	-89329.8	2798.3	-2345.9	0.03

S.L.E.	Combinazione	N	M _u	M _u	σ
		[kg]	[kgm]	[kgm]	[kg/cm²]
Base	26	-60713.4	11164.0	-5043.6	-4.9
	26	-60713.4	11164.0	-5043.6	-3.2
	23	-60732.3	11994.9	-5280.0	-34.7
	26	-60713.4	11164.0	-5043.6	-3.2

sc	26	-60713.4	11164.0	-5043.6	-73.7
Sommità					
sc Max	26	-60713.4	11164.0	-5043.6	-4.9
sc Med	26	-60713.4	11164.0	-5043.6	-3.2
st	23	-60732.3	11994.9	-5280.0	-34.7
sc	26	-60713.4	11164.0	-5043.6	-73.7

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _u	α	N _u	M _u	V _u	V _u	V _u	S/R
	[m]	[m]	critica	[kg]		[kg]	[kgm]	[kg]	[kg]	[kg]	
4608-4612-4616	1.00	0.50	1	11220.7	1.00	11220.7	-10775.1	-549.8	129836.9	38634.6	0.0 0.29
4595-4599-4604-4608	1.50	0.50	1	11353.2	1.00	11353.2	-26533.9	-1855.7	196763.2	58549.4	0.0 0.23
4581-4591-4595	1.00	0.50	1	8424.2	1.00	8424.2	-27434.5	-643.8	129836.9	38634.6	0.0 0.22
4578-4579-4580-4581	1.50	0.50	16	10330.3	1.00	10330.3	-7857.6	-497.8	196763.2	58549.4	0.0 0.18

▲NUCLEO 4728 4729 4730 4731 4741 4745 4749 4753 4757 4761 4765 / Nodi: 4728 4729 4730 4731 4741 4745 4749 4753 4757 4761 4765

Nodi	Sezione	B	H	Spessore	Armatura Verticale	Armatura Orizzontale
	Numero	[cm]	[cm]			
4728 4729	52	50	50	30	2x ø 20 15'	2x ø 12 20'
	52	50	50	30	2x ø 20 15'	2x ø 12 20'
	52	50	50	30	2x ø 20 15'	2x ø 12 20'
	52	50	50	30	2x ø 20 15'	2x ø 12 20'
4730 4731	52	50	50	30	2x ø 20 15'	2x ø 12 20'
	52	50	50	30	2x ø 20 15'	2x ø 12 20'
	52	50	50	30	2x ø 20 15'	2x ø 12 20'
	52	50	50	30	2x ø 20 15'	2x ø 12 20'
4731 4741	52	50	50	30	2x ø 20 15'	2x ø 12 20'
	52	50	50	30	2x ø 20 15'	2x ø 12 20'
	52	50	50	30	2x ø 20 15'	2x ø 12 20'
	52	50	50	30	2x ø 20 15'	2x ø 12 20'
4741 4745	52	50	50	30	2x ø 20 15'	2x ø 12 20'
	51	50	50	30	2x ø 14 20'	2x ø 12 20'
	51	50	50	30	2x ø 14 20'	2x ø 12 20'
	51	50	50	30	2x ø 14 20'	2x ø 12 20'
4745 4749	51	50	50	30	2x ø 14 20'	2x ø 12 20'
	51	50	50	30	2x ø 14 20'	2x ø 12 20'
	51	50	50	30	2x ø 14 20'	2x ø 12 20'
	51	50	50	30	2x ø 14 20'	2x ø 12 20'
4749 4753	51	50	50	30	2x ø 14 20'	2x ø 12 20'
	51	50	50	30	2x ø 14 20'	2x ø 12 20'
	51	50	50	30	2x ø 14 20'	2x ø 12 20'
	51	50	50	30	2x ø 14 20'	2x ø 12 20'
4753 4757	51	50	50	30	2x ø 14 20'	2x ø 12 20'
	51	50	50	30	2x ø 14 20'	2x ø 12 20'
	51	50	50	30	2x ø 14 20'	2x ø 12 20'
	51	50	50	30	2x ø 14 20'	2x ø 12 20'
4757 4761	52	50	50	30	2x ø 20 15'	2x ø 12 20'
	52	50	50	30	2x ø 20 15'	2x ø 12 20'
	52	50	50	30	2x ø 20 15'	2x ø 12 20'
	52	50	50	30	2x ø 20 15'	2x ø 12 20'
4761 4765	52	50	50	30	2x ø 20 15'	2x ø 12 20'
	52	50	50	30	2x ø 20 15'	2x ø 12 20'
	52	50	50	30	2x ø 20 15'	2x ø 12 20'
	52	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _u	M _u	M _u	Sd/Sr
		[kg]	[kgm]	[kgm]	
Base	1	-89329.8	2798.3	-2346.3	0.03
Sommità	1	-86892.3	-14090.6	3141.4	0.03

S.L.E.	Combinazione	N	M _u	M _u	σ
		[kg]	[kgm]	[kgm]	[kg/cm²]
Base	26	-58838.4	864.9	-1555.0	-3.7
	26	-58838.4	864.9	-1555.0	-3.1
	24	-58838.4	864.9	-1555.0	-42.1
	26	-58838.4	864.9	-1555.0	-56.1
Sommità	26	-58838.4	864.9	-1555.0	-3.7
	26	-58838.4	864.9	-1555.0	-3.1
	24	-58838.4	864.9	-1555.0	-42.1
	26	-58838.4	864.9	-1555.0	-56.1

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _u	α	N _u	M _u	V _u	V _u	V _u	S/R
	[m]	[m]	critica	[kg]		[kg]	[kgm]	[kg]	[kg]	[kg]	
4757-4761-4765	1.00	0.50	1	8341.4	1.00	8341.4	-35531.6	-110.6	129836.9	38634.6	0.0 0.21
4745-4749-4753-4757	1.50	0.50	1	16315.3	1.00	16315.3	-27285.9	-373.3	196763.2	58549.4	0.0 0.28
4731-4741-4745	1.00	0.50	1	8560.3	1.00	8560.3	-19889.2	-132.7	129836.9	38634.6	0.0 0.22
4728-4729-4730-4731	1.50	0.50	16	12073.6	1.00	12073.6	-12193.8	9109.9	196763.2	58549.4	0.0 0.21

▲NUCLEO 4877 4878 4879 4880 4894 4898 4903 4907

st	24	-55088.5	-19733.2	5421.8	-20.1
sc	24	-55088.5	-19733.2	5421.8	-68.5

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ed} [kN]	α	V _{ed} [kN]	N _{ed} [kN]	M _{ed} [kgm]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	S/R
5056-5060-5064	1.00	0.50	1	7554.0	1.00	7554.0	-26044.7	767.9	129836.9	38634.6	0.0	0.20		
5044-5048-5052-5056	1.50	0.50	1	11704.7	1.00	11704.7	-24780.7	2593.6	196763.2	58549.4	0.0	0.29		
5030-5040-5044	1.00	0.50	1	8331.3	1.00	8331.3	-4797.7	885.6	129836.9	38634.6	0.0	0.22		
5027-5028-5029-5030	1.50	0.50	16	12334.2	1.00	12334.2	-20674.2	29144.5	196763.2	58549.4	0.0	0.21		

▲NUCLEO 5176 5177 5178 5179 5189 5193 5197 5202 5206 5210 5214 / Nodi: 5176 5177 5178 5179 5189 5193 5197 5202 5206 5210 5214

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
5176 5177	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5177 5178	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5178 5179	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5179 5189	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5189 5193	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5193 5197	51	50	50	30	2x ø 14 20'	2x ø 12 20'
5197 5202	51	50	50	30	2x ø 14 20'	2x ø 12 20'
5202 5206	51	50	50	30	2x ø 14 20'	2x ø 12 20'
5206 5210	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5210 5214	52	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M _{ed} [kgm]	Sd/Sr
Base	1	-82017.3	-47868.5	14114.8	0.04
Sommità	16	-49172.0	-46857.8	30771.0	0.06

S.L.E.	Combinazione	N [kg]	M _{ed} [kgm]	M _{ed} [kgm]	σ [kg/cm²]
Base					
sc Max	24	-53213.5	-30032.3	8910.3	-5.3
sc Med	26	-53213.5	-30032.3	8910.3	-2.9
st	20	-60354.6	-34879.8	10299.3	-1.7
sc	24	-53213.5	-30032.3	8910.3	-79.4
Sommità					
sc Max	24	-53213.5	-30032.3	8910.3	-5.3
sc Med	26	-53213.5	-30032.3	8910.3	-2.9
st	20	-60354.6	-34879.8	10299.3	-1.7
sc	24	-53213.5	-30032.3	8910.3	-79.4

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ed} [kN]	α	V _{ed} [kN]	N _{ed} [kN]	M _{ed} [kgm]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	S/R
5206-5210-5214	1.00	0.50	1	10051.2	1.00	10051.2	-33801.2	1207.1	129836.9	38634.6	0.0	0.26		
5193-5197-5202-5206	1.50	0.50	1	15699.1	1.00	15699.1	-23541.6	4074.0	196763.2	58549.4	0.0	0.27		
5179-5189-5193	1.00	0.50	1	7595.1	1.00	7595.1	-2747.7	1400.7	129836.9	38634.6	0.0	0.20		
5176-5177-5178-5179	1.50	0.50	16	11066.1	1.00	11066.1	-24912.9	39113.1	196763.2	58549.4	0.0	0.19		

▲NUCLEO 5326 5327 5328 5329 5339 5343 5347 5351 5355 5359 5363 / Nodi: 5326 5327 5328 5329 5339 5343 5347 5351 5355 5359 5363

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
5326 5327	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5327 5328	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5328 5329	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5329 5339	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5339 5343	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5343 5347	51	50	50	30	2x ø 14 20'	2x ø 12 20'

4878 4879	52	50	50	30	2x ø 20 15'	2x ø 12 20'
4879 4880	52	50	50	30	2x ø 20 15'	2x ø 12 20'
4880 4890	52	50	50	30	2x ø 20 15'	2x ø 12 20'
4890 4894	52	50	50	30	2x ø 20 15'	2x ø 12 20'
4894 4898	51	50	50	30	2x ø 14 20'	2x ø 12 20'
4898 4903	51	50	50	30	2x ø 14 20'	2x ø 12 20'
4903 4907	51	50	50	30	2x ø 14 20'	2x ø 12 20'
4907 4911	52	50	50	30	2x ø 20 15'	2x ø 12 20'
4911 4915	52	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M _{ed} [kgm]	Sd/Sr
Base	1	-86892.3	-14090.6	3140.9	0.03
Sommità	1	-84454.8	-30979.7	8627.9	0.04

S.L.E.	Combinazione	N [kg]	M _{ed} [kgm]	M _{ed} [kgm]	σ [kg/cm²]
Base					
sc Max	24	-56963.4	-9434.2	1933.6	-3.8
sc Med	26	-56963.4	-9434.2	1933.6	-3.0
st	24	-56963.4	-9434.2	1933.6	-37.9
sc	24	-56963.4	-9434.2	1933.6	-57.5
Sommità					
sc Max	24	-56963.4	-9434.2	1933.6	-3.8
sc Med	26	-56963.4	-9434.2	1933.6	-3.0
st	24	-56963.4	-9434.2	1933.6	-37.9
sc	24	-56963.4	-9434.2	1933.6	-57.5

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ed} [kN]	α	V _{ed} [kN]	N _{ed} [kN]	M _{ed} [kgm]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	S/R
4907-4911-4915	1.00	0.50	1	7051.9	1.00	7051.9	-22288.1	328.6	129836.9	38634.6	0.0	0.18		
4894-4898-4903-4907	1.50	0.50	1	11729.3	1.00	11729.3	-26037.8	1109.2	196763.2	58549.4	0.0	0.30		
4880-4890-4894	1.00	0.50	1	8650.4	1.00	8650.4	-12343.5	378.4	129836.9	38634.6	0.0	0.22		
4877-4878-4879-4880	1.50	0.50	16	12642.9	1.00	12642.9	-16430.3	39174.6	196763.2	58549.4	0.0	0.22		

▲NUCLEO 5027 5028 5029 5030 5040 5044 5048 5052 5056 5060 5064 / Nodi: 5027 5028 5029 5030 5040 5044 5048 5052 5056 5060 5064

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
5027 5028	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5028 5029	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5029 5030	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5030 5040	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5040 5044	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5044 5048	51	50	50	30	2x ø 14 20'	2x ø 12 20'
5048 5052	51	50	50	30	2x ø 14 20'	2x ø 12 20'
5052 5056	51	50	50	30	2x ø 14 20'	2x ø 12 20'
5056 5060	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5060 5064	52	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M _{ed} [kgm]	Sd/Sr
Base	1	-84454.8	-30979.6	8628.1	0.04
Sommità	1	-82017.3	-47868.5	14115.0	0.04

S.L.E.	Combinazione	N [kg]	M _{ed} [kgm]	M _{ed} [kgm]	σ [kg/cm²]
Base					
sc Max	24	-55088.5	-19733.2	5421.8	-4.6
sc Med	26	-55088.5	-19733.2	5421.8	-2.9
st	24	-55088.5	-19733.2	5421.8	-20.1
sc	24	-55088.5	-19733.2	5421.8	-68.5
Sommità					
sc Max	24	-55088.5	-19733.2	5421.8	-4.6
sc Med	26	-55088.5	-19733.2	5421.8	-2.9

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb. critica	V _{ac} [kg]	α	V _{ad} [kg]	N _u [kg]	M _{u2} [kgm]	V _{u2d} [kg]	V _{u2} [kg]	V _{u2,corrente} [kg]	S/R	
													V _{u2,corrente} [kg]
5505-5509-5513	1,00	0,50	1	21765,5	1,00	21765,5	1,00	21765,5	-46314,4	129836,9	38634,6	0,0	0,56
5492-5496-5501-5505	1,50	0,50	1	6634,6	1,00	6634,6	-21045,4	7038,9	196763,2	58549,4	0,0	0,11	
5478-5488-5492	1,00	0,50	1	6794,5	1,00	6794,5	17839,0	2422,0	129836,9	38634,6	0,0	0,18	
5475-5476-5477-5478	1,50	0,50	13	4586,1	1,00	4586,1	-3895,2	3973,9	196763,2	58549,4	0,0	0,08	

▲ ANUCLEO 55 59 67 68 / Nodi: 55 59 67 68

▲ Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
55 59	12	50	50	30	2x ø 20 15	2x ø 14 15
59 67	12	50	50	30	2x ø 20 15	2x ø 14 15
67 68	12	50	50	30	2x ø 20 15	2x ø 14 15

Sezione	Comb.	N _u [kg]	M _{u2} [kgm]	M _{u1} [kgm]	Sd/Sr
Base	16	-183812,6	-37681,7	-23655,9	0,48
Sommità	16	-181815,3	-29723,5	-17993,6	0,39

S.L.E.	Combinazione	N [kg]	M _{u2} [kgm]	M _{u1} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-188746,5	-27340,6	-486,6	-62,8
sc Med	26	-188746,5	-27340,6	-486,6	-31,9
st	21	-197268,5	-28105,2	-463,4	3,2
sc	26	-188746,5	-27340,6	-486,6	-918,4
Sommità					
sc Max	26	-188746,5	-27340,6	-486,6	-62,8
sc Med	26	-188746,5	-27340,6	-486,6	-31,9
st	21	-197268,5	-28105,2	-463,4	3,2
sc	26	-188746,5	-27340,6	-486,6	-918,4

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb. critica	V _{ac} [kg]	α	V _{ad} [kg]	N _u [kg]	M _{u2} [kgm]	V _{u2d} [kg]	V _{u2} [kg]	V _{u2,corrente} [kg]	S/R
67-68	0,50	0,50	12	-12804,6	1,00	-12804,6	-53094,9	6753,4	62910,7	33873,1	10377,1	0,38
55-59-67	1,00	0,50	15	-17913,5	1,00	-17913,5	-70514,6	26420,5	129836,9	70146,1	147138,7	0,26

▲ ANUCLEO 461 465 469 470 / Nodi: 461 465 469 470

▲ Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
461 465	12	50	50	30	2x ø 20 15	2x ø 14 15
465 469	12	50	50	30	2x ø 20 15	2x ø 14 15
469 470	12	50	50	30	2x ø 20 15	2x ø 14 15

Sezione	Comb.	N _u [kg]	M _{u2} [kgm]	M _{u1} [kgm]	Sd/Sr
Base	16	-187761,0	-29580,5	-18452,8	0,40
Sommità	1	-278621,6	-25045,2	670,2	0,34

S.L.E.	Combinazione	N [kg]	M _{u2} [kgm]	M _{u1} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-188184,0	-22834,8	161,5	-56,4
sc Med	26	-188184,0	-22834,8	161,5	-31,7
st	24	-188184,0	-22834,8	161,5	-80,5
sc	26	-188184,0	-22834,8	161,5	-828,0
Sommità					
sc Max	26	-188184,0	-22834,8	161,5	-56,4
sc Med	26	-188184,0	-22834,8	161,5	-31,7
st	24	-188184,0	-22834,8	161,5	-80,5
sc	26	-188184,0	-22834,8	161,5	-828,0

5347 5351	51	50	50	30	2x ø 14 20	2x ø 12 20
5351 5355	51	50	50	30	2x ø 14 20	2x ø 12 20
5355 5359	52	50	50	30	2x ø 20 15	2x ø 12 20
5359 5363	52	50	50	30	2x ø 20 15	2x ø 12 20

Sezione	Comb.	N _u [kg]	M _{u2} [kgm]	M _{u1} [kgm]	Sd/Sr
Base	16	-49274,2	-46934,9	31023,3	0,06
Sommità	16	-47395,8	-59131,2	40201,6	0,08

S.L.E.	Combinazione	N [kg]	M _{u2} [kgm]	M _{u1} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-51338,4	-40331,3	123990,0	-6,1
sc Med	26	-51338,4	-40331,3	123990,0	-3,3
st	26	-51338,4	-40331,3	123990,0	28,2
sc	26	-51338,4	-40331,3	123990,0	-90,8
Sommità					
sc Max	26	-51338,4	-40331,3	123990,0	-6,1
sc Med	26	-51338,4	-40331,3	123990,0	-3,3
st	26	-51338,4	-40331,3	123990,0	28,2
sc	26	-51338,4	-40331,3	123990,0	-90,8

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb. critica	V _{ac} [kg]	α	V _{ad} [kg]	N _u [kg]	M _{u2} [kgm]	V _{u2d} [kg]	V _{u2} [kg]	V _{u2,corrente} [kg]	S/R
5355-5359-5363	1,00	0,50	1	15724,0	1,00	15724,0	-39557,8	16464,1	129836,9	38634,6	0,0	0,41
5343-5347-5351-5355	1,50	0,50	1	11423,0	1,00	11423,0	-22293,5	55565,1	196763,2	58549,4	0,0	0,20
5329-5339-5343	1,00	0,50	1	6876,3	1,00	6876,3	10293,5	1911,8	129836,9	38634,6	0,0	0,18
5326-5327-5328-5329	1,50	0,50	16	8329,5	1,00	8329,5	-28966,6	48935,4	196763,2	58549,4	0,0	0,14

▲ ANUCLEO 5475 5476 5477 5478 5488 5492 5496 5501 5505 5509 5513 / Nodi: 5475 5476 5477 5478 5488 5492

5496 5501 5505 5509 5513

▲ Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
5475 5476	52	50	50	30	2x ø 20 15	2x ø 12 20
5476 5477	52	50	50	30	2x ø 20 15	2x ø 12 20
5477 5478	52	50	50	30	2x ø 20 15	2x ø 12 20
5478 5488	52	50	50	30	2x ø 20 15	2x ø 12 20
5488 5492	52	50	50	30	2x ø 20 15	2x ø 12 20
5492 5496	51	50	50	30	2x ø 14 20	2x ø 12 20
5496 5501	51	50	50	30	2x ø 14 20	2x ø 12 20
5501 5505	51	50	50	30	2x ø 14 20	2x ø 12 20
5505 5509	52	50	50	30	2x ø 20 15	2x ø 12 20
5509 5513	52	50	50	30	2x ø 20 15	2x ø 12 20

Sezione	Comb.	N _u [kg]	M _{u2} [kgm]	M _{u1} [kgm]	Sd/Sr
Base	16	-47388,9	-59208,6	40526,7	0,08
Sommità	16	-45326,6	-71254,4	49945,3	0,11

S.L.E.	Combinazione	N [kg]	M _{u2} [kgm]	M _{u1} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-49463,4	-50630,4	15887,5	-7,2
sc Med	26	-49463,4	-50630,4	15887,5	-3,8
st	26	-49463,4	-50630,4	15887,5	93,5
sc	26	-49463,4	-50630,4	15887,5	-104,9
Sommità					
sc Max	26	-49463,4	-50630,4	15887,5	-7,2
sc Med	26	-49463,4	-50630,4	15887,5	-3,8
st	26	-49463,4	-50630,4	15887,5	93,5
sc	26	-49463,4	-50630,4	15887,5	-104,9

sc	26	-187059.0	-13823.4	1458.0	-647.4
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▲ Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{ed}	α	V _{ed}	N _{ed}	M _{ed}	V _{ed}	V _{ed,corrente}	S/R	
	[m]	[m]		[kg]		[kg]	[kg]	[kgm]	[kg]	[kg]		
760-761	0.50	0.50	16	6865.4	1.00	6865.4	-8342.4	-2913.8	62910.7	33973.1	102464.3	0.20
752-756-760	1.00	0.50	15	-20385.7	1.00	-20385.7	-101677.7	12742.8	129836.9	70114.6	194420.7	0.29

▲ NUCLEO 897 902 906 907 / Nodi: 897 902 906 907

▲ Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
897-902	12	50	50	30	2x ø 20 15	2x ø 14 15
902-906	12	50	50	30	2x ø 20 15	2x ø 14 15
906-907	12	50	50	30	2x ø 20 15	2x ø 14 15
Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-277159.1	-13101.5	2939.0	0.31	
Sommità	1	-276427.9	-7129.6	4073.7	0.31	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-186496.5	-9317.7	2105.8	-38.3
sc Med	26	-186496.5	-9317.7	2105.8	-31.5
st	24	-186496.5	-9317.7	2105.8	-340.2
sc	26	-186496.5	-9317.7	2105.8	-567.5
Sommità					
sc Max	26	-186496.5	-9317.7	2105.8	-38.3
sc Med	26	-186496.5	-9317.7	2105.8	-31.5
st	24	-186496.5	-9317.7	2105.8	-340.2
sc	26	-186496.5	-9317.7	2105.8	-567.5

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ed} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{ed} [kg]	V _{ed,corrente} [kg]	S/R	
906-907	0.50	0.50	16	6861.1	1.00	6861.1	-70948.0	-23667.0	62910.7	33973.1	103377.1	0.20
897-902-906	1.00	0.50	15	-20362.1	1.00	-20362.1	-112458.1	8062.1	129836.9	70114.6	206754.1	0.29

▲ NUCLEO 1043 1047 1051 1052 / Nodi: 1043 1047 1051 1052

▲ Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
1043-1047	12	50	50	30	2x ø 20 15	2x ø 14 15
1047-1051	12	50	50	30	2x ø 20 15	2x ø 14 15
1051-1052	12	50	50	30	2x ø 20 15	2x ø 14 15
Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-276427.8	-7129.9	4073.8	0.31	
Sommità	1	-275696.6	-1157.9	5207.8	0.31	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-185934.0	-4811.9	2753.8	-38.8
sc Med	26	-185934.0	-4811.9	2753.8	-31.5
st	24	-185934.0	-4811.9	2753.8	-393.9
sc	26	-185934.0	-4811.9	2753.8	-579.4
Sommità					
sc Max	26	-185934.0	-4811.9	2753.8	-38.8
sc Med	26	-185934.0	-4811.9	2753.8	-31.5

▲ Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{ed}	α	V _{ed}	N _{ed}	M _{ed}	V _{ed}	V _{ed,corrente}	S/R	
	[m]	[m]	critica	[kg]		[kg]	[kg]	[kgm]	[kg]	[kg]		
469-470	0.50	0.50	16	6947.3	1.00	6947.3	-108838.1	-40710.8	62910.7	33973.1	8191.96	0.20
461-465-469	1.00	0.50	15	-20307.7	1.00	-20307.7	-81467.3	21636.1	129836.9	70114.6	159249.3	0.29

▲ NUCLEO 607 611 615 616 / Nodi: 607 611 615 616

▲ Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
607-611	12	50	50	30	2x ø 20 15	2x ø 14 15
611-615	12	50	50	30	2x ø 20 15	2x ø 14 15
615-616	12	50	50	30	2x ø 20 15	2x ø 14 15
Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-278621.6	-25045.2	670.2	0.34	
Sommità	1	-277890.3	-19073.6	1805.4	0.32	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-187621.5	-18329.2	809.8	-50.0
sc Med	26	-187621.5	-18329.2	809.8	-31.7
st	24	-187621.5	-18329.2	809.8	-169.2
sc	26	-187621.5	-18329.2	809.8	-737.7
Sommità					
sc Max	26	-187621.5	-18329.2	809.8	-50.0
sc Med	26	-187621.5	-18329.2	809.8	-31.7
st	24	-187621.5	-18329.2	809.8	-169.2
sc	26	-187621.5	-18329.2	809.8	-737.7

▲ Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V_{ed}	α	V_{ed}	N_{ed}	M_{ed}	V_{ed}	$V_{ed,corrente}$	S/R	
	[m]	[m]	critica	[kg]		[kg]	[kg]	[kgm]	[kg]	[kg]		
615-616	0.50	0.50	16	6849.8	1.00	6849.8	-96086.8	-34933.5	62910.7	33973.1	92306.0	0.20
607-611-615	1.00	0.50	15	-20430.1	1.00	-20430.1	-91648.1	17176.4	129836.9	70114.6	175378.7	0.29

▲ NUCLEO 752 756 760 761 / Nodi: 752 756 760 761

▲ Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
752-756	12	50	50	30	2x ø 20 15	2x ø 14 15
756-760	12	50	50	30	2x ø 20 15	2x ø 14 15
760-761	12	50	50	30	2x ø 20 15	2x ø 14 15
Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-277890.4	-19073.2	1804.8	0.32	
Sommità	1	-277159.1	-13101.5	2939.0	0.31	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-187059.0	-13823.4	1458.0	-43.5
sc Med	26	-187059.0	-13823.4	1458.0	-31.6
st	24	-187059.0	-13823.4	1458.0	-258.0
sc	26	-187059.0	-13823.4	1458.0	-647.4
Sommità					
sc Max	26	-187059.0	-13823.4	1458.0	-43.5
sc Med	26	-187059.0	-13823.4	1458.0	-31.6
st	24	-187059.0	-13823.4	1458.0	-258.0

sc Med	26	-184809.0	4199.5	4050.7	-31.3
st	24	-184809.0	4199.5	4050.7	-273.5
sc	26	-184809.0	4199.5	4050.7	-644.4

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{cr}	α	V	N _{td}	M _{td}	V _{res}	V _{res,max}	S/R
	[m]	[m]	critica	[kg]		[kg]	[kgm]	[kgm]	[kg]	[kg]	
1342-1343	0.50	17	113603.1	40636.8	4706.6	62910.7	13872.1				0.0 0.33
1334-1338-1342	1.00	0.50	14	-17157.4	1.00	-17157.4	-130790.4	7825.9	129836.9	70114.6	0.0 0.24

▲NUCLEO 13166 13822 6624 14501 / Nodi: 13166 13822 6624 14501

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
13166 13822	22	50	50	30	2x ø 20 15'	2x ø 12 20'
13822 6624	22	50	50	30	2x ø 20 15'	2x ø 12 20'
6624 14501	22	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _{td} [kg]	M _{td} [kgm]	M _{ts} [kgm]	Sd/Sr
Base	1	-225586.8	13805.5	-3108.9	0.27
Sommità	1	-225165.5	11052.2	-1933.2	0.26

S.L.E.	Combinazione	N [kg]	M _{ts} [kgm]	M _{ts} [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-152185.3	8203.6	-1846.7	-33.6
sc Med	26	-152185.3	8203.6	-1846.7	-25.7
st	24	-152185.3	8203.6	-1846.7	-303.1
sc	26	-152185.3	8203.6	-1846.7	-502.9
Sommità					
sc Max	26	-152185.3	8203.6	-1846.7	-33.6
sc Med	26	-152185.3	8203.6	-1846.7	-25.7
st	24	-152185.3	8203.6	-1846.7	-303.1
sc	26	-152185.3	8203.6	-1846.7	-502.9

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _c critica	α	V _{td} [kg]	N _{td} [kg]	M _{td} [kgm]	V _{res} [kg]	V _{res,vermax} [kg]	S/R	
6624-14501	0.50	17	7935.3	1.00	7935.3	-64012.9	-26588.6	62910.7	18719.9	0.0	0.42	
13166-13822-6624	1.00	0.50	19	49959.5	1.00	49959.5	-115267.7	-16586.0	129836.9	38634.6	0.0	0.13

▲NUCLEO 1479 1483 1487 1488 / Nodi: 1479 1483 1487 1488

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
1479 1483	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1483 1487	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1487 1488	22	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _{td} [kg]	M _{td} [kgm]	M _{ts} [kgm]	Sd/Sr
Base	1	-225165.5	11052.2	-1932.8	0.26
Sommità	1	-224434.3	8298.9	-757.3	0.25

S.L.E.	Combinazione	N [kg]	M _{ts} [kgm]	M _{ts} [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-151622.8	6636.8	-1121.0	-32.1
sc Med	26	-151622.8	6636.8	-1121.0	-25.7
st	24	-151622.8	6636.8	-1121.0	-313.7
sc	26	-151622.8	6636.8	-1121.0	-481.2
Sommità					

st	24	-185934.0	-4811.9	2753.8	-393.9
sc	26	-185934.0	-4811.9	2753.8	-579.4

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{cr}	α	V _{cr}	N _{td}	M _{td}	V _{res}	V _{res,vermax}	S/R	
	[m]	[m]		[kg]		[kg]	[kg]	[kgm]	[kg]	[kg]		
1051-1052	0.50	0.50	16	6807.0	1.00	6807.0	-57959.5	-1.7682.8	62910.7	33973.1	0.0	0.20
1043-1047-1051	1.00	0.50	15	-20247.1	1.00	-20247.1	-122174.3	37660.5	129836.9	70114.6	0.0	0.29

▲NUCLEO 1188 1192 1196 1197 / Nodi: 1188 1192 1196 1197

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
1188 1192	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1192 1196	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1196 1197	12	50	50	30	2x ø 20 15'	2x ø 14 15'

Sezione	Comb.	N _{td} [kg]	M _{td} [kgm]	M _{ts} [kgm]	Sd/Sr
Base	1	-275696.6	-1157.8	5207.3	0.31
Sommità	1	-274965.3	4813.8	6342.6	0.32

S.L.E.	Combinazione	N [kg]	M _{ts} [kgm]	M _{ts} [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-185371.5	-306.3	3402.4	-40.5
sc Med	26	-185371.5	-306.3	3402.4	-31.4
st	24	-185371.5	-306.3	3402.4	-365.2
sc	26	-185371.5	-306.3	3402.4	-604.9
Sommità					
sc Max	26	-185371.5	-306.3	3402.4	-40.5
sc Med	26	-185371.5	-306.3	3402.4	-31.4
st	24	-185371.5	-306.3	3402.4	-365.2
sc	26	-185371.5	-306.3	3402.4	-604.9

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{cr}	α	V _{cr}	N _{td}	M _{td}	V _{res}	V _{res,max}	S/R
	[m]	[m]	critica	[kg]		[kg]	[kg]	[kgm]	[kg]	[kg]	
1196-1197	0.50	0.50	16	6435.7	1.00	6435.7	-45852.3	-12160.0	62910.7	33973.1	0.0 0.19
1188-1192-1196	1.00	0.50	15	-19789.3	1.00	-19789.3	-123271.8	-673.9	129836.9	70114.6	0.0 0.28

▲NUCLEO 1334 1338 1342 1343 / Nodi: 1334 1338 1342 1343

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
1334 1338	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1338 1342	12	50	50	30	2x ø 20 15'	2x ø 14 15'
1342 1343	12	50	50	30	2x ø 20 15'	2x ø 14 15'

Sezione	Comb.	N _{td} [kg]	M _{td} [kgm]	M _{ts} [kgm]	Sd/Sr
Base	1	-274965.4	4813.9	6342.0	0.32
Sommità	16	-184618.9	18882.0	20353.7	0.36

S.L.E.	Combinazione	N [kg]	M _{ts} [kgm]	M _{ts} [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-184809.0	4199.5	4050.7	-43.5
sc Med	26	-184809.0	4199.5	4050.7	-31.3
st	24	-184809.0	4199.5	4050.7	-273.5
sc	26	-184809.0	4199.5	4050.7	-644.4
Sommità					
sc Max	26	-184809.0	4199.5	4050.7	-43.5

Sommita					
sc	Max	26	-150497.8	3503.2	331.3
sc	Med	26	-150497.8	3503.2	331.3
st		24	-150497.8	3503.2	331.3
sc		26	-150497.8	3503.2	331.3

▲ Verifiche a taglio dei diaframmi

	B	H	Comb.	V_{eff}	α	V_{eff}	N_{eff}	M_{eff}	V_{eff}	$V_{\text{eff, estimate}}$	S/R
	[m]	[m]	critica	[kg]		[kg]	[kg]	[kgm]	[kg]	[kg]	
	1786-1787	050 050	16	46534	1.00	46534	576688	-184288	629107	187199	0.0
	1778-1782	1786 100	050	117421	1.00	117421	-1107270	-44476	1298369	386346	0.0
	1778-1782	1786 100	050	117421	1.00	117421	-1107270	-44476	1298369	386346	0.0
	1778-1782	1786 100	050	117421	1.00	117421	-1107270	-44476	1298369	386346	0.0

▲NUCLEO 1928 1932 1936 1937 / Nodi: 1928 1932 1936 1937

▲Armature Nucleo

Nodi	Sezione Numero	B	H	Spessore [cm]	Armatura Orizzontale	Armatura Verticale	Sd/Sr
1928 1932	22	50	50	30	2x ø 20.15	2x ø 12.20	0.23
	22	50	50	30	2x ø 20.15	2x ø 12.20	0.24
	22	50	50	30	2x ø 20.15	2x ø 12.20	0.23
	22	50	50	30	2x ø 20.15	2x ø 12.20	0.23
1932 1936	22	50	50	30	2x ø 20.15	2x ø 12.20	0.23
	22	50	50	30	2x ø 20.15	2x ø 12.20	0.23
1936 1937	22	50	50	30	2x ø 20.15	2x ø 12.20	0.23
	22	50	50	30	2x ø 20.15	2x ø 12.20	0.23

S.L.E.	Combinazione	N [kg]	M ₅₀ [g/g]	M ₁₀ [g/g]	σ [g/cm ²]
Base	26	26	-149935.3	1057.3	-29.2
	sc Max	26	-149935.3	1057.3	-25.4
	sc Med	26	-149935.3	1057.3	-316.4
	sc	26	-149935.3	1057.3	-432.6
Sornrita	26	26	-149935.3	1057.3	-29.2
	sc Max	26	-149935.3	1057.3	-25.4
	sc Med	26	-149935.3	1057.3	-316.4
	sc	26	-149935.3	1057.3	-432.6

▲ Verifiche a taglio dei diaframmi

Diaphragma	B [m]	H [m]	Comb critica	V_{crit} [kg]	α	V_{el} [kg]	N_{el} [kNm]	M_{el} [kNm]	V_{red} [kg]	V_{des} [kg]	$V_{\text{des-critica}}$ [kg]	S/R	
	1936-1937	050	050	16	45316	1.00	45316	-468147	-15127.7	187199	0.0	0.24	
	1928-1932-1936	100	050	38	117424	1.00	117424	-4057786	-725.0	1298369	366246	0.0	0.30

▲NUCLEO 2077 2081 2085 2086 / Nodi: 2077 2081 2085 2086

▲Armature Nucleo

Nodi	Sezione		B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale	Sd/Sr
	Numero	Comb.						
2077-2081	22	50	50	30	2x ϕ 20.15	2x ϕ 12.20		
2081-2085	22	50	50	30	2x ϕ 20.15	2x ϕ 12.20		
2085-2086	22	50	50	30	2x ϕ 20.15	2x ϕ 12.20		
Sezione	Comb.	N _a [kg]	M ₂ [kg/m]	M ₃ [kg/m]				
Base	1	222470.2	38.9	22740.5	0.24			
Sommata	1	221509.3	-2714.5	3946.4	0.25			

S.L.E.	Combinazione	N [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	σ [kg/cm ²]
Base	sc Max	26	369.5	1783.3	-30.2
	sc Med	26	369.5	1783.3	-25.3
	st	24	369.5	1783.3	-315.7

sc Max	26	-1516228	6636.8	-1121.0	-32.1
sc Med	26	-1516228	6636.8	-1121.0	-25.7
st	24	-1516228	6636.8	-1121.0	-313.7
sc	26	-1516228	6636.8	-1121.0	-481.2

▲ Verifiche a taglio dei diaframmi

Difframma	B	H	Comb.	V_{tot}	α	N_{jet}	M_{jet}	V_{tot}	V_{jet}	$V_{\text{jet}}/V_{\text{tot}}$	S/R
	(m)	(m)	critica	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	
1487-1488	0.50	16	42250	1.00	4225.0	-64291.6	-24773.9	62910.7	18719.9	0.0	0.23
1479-1483-1487	1.00	0.50	18	10355.7	1.00	10355.7	-120606.5	129836.9	38634.6	0.0	0.27

▲NUCLEO 1629 1633 1637 1638 / Nodi: 1629 1633 1637 1638

▲Armature Nucleo

Sezione	Comb.	N _a [kg]	M ₂ [kgm]	M ₃ [kgm]	sd/Sr	Armatura		Armatura Orizzontale
						B	H	
Sezione Numero								
1609 1633	22	50	30	2x ø 20 15'	2x ø 12 20'			
1633 1637	22	50	30	2x ø 20 15'	2x ø 12 20'			
1637 1638	22	50	30	2x ø 20 15'	2x ø 12 20'			

S.L.E.	Combinazione	N [kg]	M ₅₀ [g/m]	M ₁₀ [g/m]	σ [g/cm ²]
Base	sc	26	-151060.3	50700	-31.2
	sc Med	26	-151060.3	50700	-25.6
	sc Med	26	-151060.3	50700	-315.7
	st	24	-151060.3	50700	-395.0
	st	26	-151060.3	50700	-465.0
Sommità	sc	26	-151060.3	50700	-31.2
	sc Med	26	-151060.3	50700	-25.6
	sc Med	26	-151060.3	50700	-315.7
	st	24	-151060.3	50700	-395.0
	st	26	-151060.3	50700	-465.0

▲ Verifiche a taglio dei diaframmi

Diagramma	B [m]	H [m]	Comb. critica	V_{crit} [kg]	α	V_{in} [kg]	N_{in} [kgm]	M_{in} [kgm]	V_{out} [kg]	V_{out} [kg]	$V_{\text{disseminata}}$ [kg]	S/R
1637-1638	0.50	0.50	16	4145.7	1.00	4549.7	-58617.4	-21644.1	62910.7	18713.9	0.0	0.24
1629-1633-1637	1.00	0.50	18	1626.1	1.00	11625.1	-115599.7	-75805.0	129836.9	38634.6	0.0	0.30

▲NUCLEO 1778 1782 1786 1787 / Nodi: 1778 1782 1786 1787

▲Armature Nucleo

Sezione	Comb.	N _a [kg]	M ₂ [kg/m]	M ₁₂ [kg/m]	Armatura	
					Spessore [cm]	Armatura Orientazione
Nodi						
	1778.782	22	50	30	2x ø 20.15	2x ø 12.20
	1782.786	22	50	30	2x ø 20.15	2x ø 12.20
1786.787	22	50	30	2x ø 20.15	2x ø 12.20	
Sezione						
	Base	1	-2237030	5545.6	418.3	0.24
Sommatoria		1	-2239718	2796.2	1594.1	0.23

S.L.E.	Combinazione	N [mg]	M ₁₂ [µgm]	M ₁₁ [µgm]	σ [µg/cm ²]
	Base				
	sc Max	26	-1504978	3503.2	-30.2
	sc Med	26	-1504978	3503.2	-25.5
	st	24	-1504978	3503.2	-317.2
	sc	26	-1504978	3503.2	-448.8

st	24	-148247.8	-2764.2	3235.8	-314.2
sc	26	-148247.8	-2764.2	3235.8	-496.5
Sommità					
sc Max	26	-148247.8	-2764.2	3235.8	-33.1
sc Med	26	-148247.8	-2764.2	3235.8	-25.1
st	24	-148247.8	-2764.2	3235.8	-314.2
sc	26	-148247.8	-2764.2	3235.8	-496.5

▲Verifiche a taglio dei diaframmi

Diaframma		B	H	Comb.	V _{ed}	α	N _{ed}	M _{ed}	V _{red}	V _{max,comb.}	S/R
[m]	[m]	critica	[kg]		[kg]		[kg]	[kgm]	[kg]	[kg]	
2384-2385	0.50	0.50	17	9705.4	1.00	9705.4	-36133.6	-7458.2	62910.7	18719.9	0.0 0.52
2376-2380-2384	1.00	0.50	14	-4466.2	1.00	-4456.2	-102557.9	-3857.6	129836.9	38634.6	0.0 0.12

▲NUCLEO 13266 13922 6524 14601 / Nodi: 13266 13922 6524 14601

▲Armature Nucleo

Nodi		Sezione	B	H	Spessore	Armatura	Armatura
		Numero	[cm]	[cm]	[cm]	Verticale	Orizzontale
13266-13922	32	50	50	30	2x ø 20.15	2x ø 12.20	
13922-6524	32	50	50	30	2x ø 20.15	2x ø 12.20	
6524-14601	32	50	50	30	2x ø 20.15	2x ø 12.20	

Sezione	Comb.	N _{ed}	M _{ed}	M ₁₂	M ₁₃	Sd/Sr
Base	18	-121098.8	25933.5	3296.5	0.22	
Sommità	1	-173779.8	10281.9	-2299.8	0.20	

S.L.E.	Combinazione	N	M ₁₂	M ₁₃	σ
		[kg]	[kgm]	[kgm]	[kg/cm²]
Base					
sc Max	26	-117447.0	7986.2	-2050.2	-27.7
sc Med	26	-117447.0	7986.2	-2050.2	-19.9
st	24	-117447.0	7986.2	-2050.2	-208.3
sc	26	-117447.0	7986.2	-2050.2	-413.1
Sommità					
sc Max	26	-117447.0	7986.2	-2050.2	-27.7
sc Med	26	-117447.0	7986.2	-2050.2	-19.9
st	24	-117447.0	7986.2	-2050.2	-208.3
sc	26	-117447.0	7986.2	-2050.2	-413.1

▲Verifiche a taglio dei diaframmi

Diaframma		B	H	Comb.	V _{ed}	α	N _{ed}	M _{ed}	V _{ed}	V _{max,comb.}	S/R	
[m]	[m]	[m]	[m]	critica	[kg]		[kg]	[kgm]	[kg]	[kg]		
6524-14601	0.50	0.50	17	9124.0	1.00	9124.0	-54390.1	-24027.7	62910.7	18719.9	0.0	0.49
13266-13922-6524	1.00	0.50	19	5214.6	1.00	5214.6	-90480.8	-16958.5	129836.9	38634.6	0.0	0.13

▲NUCLEO 2526 2530 2534 2535 / Nodi: 2526 2530 2534 2535

▲Armature Nucleo

Nodi		Sezione	B	H	Spessore	Armatura	Armatura
		Numero	[cm]	[cm]	[cm]	Verticale	Orizzontale
2526-2530	32	50	50	30	2x ø 20.15	2x ø 12.20	
2530-2534	32	50	50	30	2x ø 20.15	2x ø 12.20	
2534-2535	32	50	50	30	2x ø 20.15	2x ø 12.20	

Sezione	Comb.	N _{ed}	M _{ed}	M ₁₂	M ₁₃	Sd/Sr
Base	1	-173779.8	10282.0	-2300.1	0.20	
Sommità	1	-173948.6	6752.6	-1113.4	0.19	

S.L.E.	Combinazione	N	M ₁₂	M ₁₃	σ
		[kg]	[kgm]	[kgm]	[kg/cm²]
Base					
sc Max	26	-116884.5	5935.3	-1325.2	-25.4

sc	26	-149372.8	369.5	1783.3	-451.3
Sommità					
sc Max	26	-149372.8	369.5	1783.3	-30.2
sc Med	26	-149372.8	369.5	1783.3	-25.3
st	24	-149372.8	369.5	1783.3	-315.7
sc	26	-149372.8	369.5	1783.3	-451.3

▲Verifiche a taglio dei diaframmi

Diaframma		B	H	Comb.	V _{ed}	α	N _{ed}	M _{ed}	V _{red}	V _{max,comb.}	S/R	
[m]	[m]	critica	[kg]		[kg]		[kg]	[kg]	[kg]	[kg]		
2085-2086	0.50	0.50	16	4486.0	1.00	4486.0	-41201.3	-12027.4	62910.7	18719.9	0.0	0.24
2077-2081-2085	1.00	0.50	18	11669.6	1.00	11669.6	-100851.6	2739.5	129836.9	38634.6	0.0	0.30

▲NUCLEO 2227 2231 2235 2236 / Nodi: 2227 2231 2235 2236

▲Armature Nucleo

Nodi		Sezione	B	H	Spessore	Armatura	Armatura
		Numero	[cm]	[cm]	[cm]	Verticale	Orizzontale
2227-2231	22	50	50	30	2x ø 20.15	2x ø 12.20	
2231-2235	22	50	50	30	2x ø 20.15	2x ø 12.20	
2235-2236	22	50	50	30	2x ø 20.15	2x ø 12.20	

Sezione	Comb.	N _{ed}	M _{ed}	M ₁₂	M ₁₃	Sd/Sr
Base	1	-221509.3	-2714.2	3945.2	0.25	
Sommità	1	-220778.0	-5467.7	5121.9	0.26	

S.L.E.	Combinazione	N	M ₁₂	M ₁₃	σ
		[kg]	[kgm]	[kgm]	[kg/cm²]
Base					
sc Max	26	-148810.3	-1197.3	2509.5	-31.6
sc Med	26	-148810.3	-1197.3	2509.5	-25.2
st	24	-148810.3	-1197.3	2509.5	-314.9
sc	26	-148810.3	-1197.3	2509.5	-473.6
Sommità					
sc Max	26	-148810.3	-1197.3	2509.5	-31.6
sc Med	26	-148810.3	-1197.3	2509.5	-25.2
st	24	-148810.3	-1197.3	2509.5	-314.9
sc	26	-148810.3	-1197.3	2509.5	-473.6

▲Verifiche a taglio dei diaframmi

Diaframma		B	H	Comb.	V _{ed}	α	V	N _{ed}	M _{ed}	V _{red}	V _{max,comb.}	S/R
[m]	[m]	critica	[kg]		[kg]		[kg]	[kg]	[kgm]	[kg]	[kg]	
2235-2236	0.50	0.50	16	4272.7	1.00	4272.7	-35596.2	-8909.4	62910.7	18719.9	0.0	0.23
2227-2231-2235	1.00	0.50	18	10290.3	1.00	10290.3	-95934.3	6182.5	129836.9	38634.6	0.0	0.27

▲NUCLEO 2376 2380 2384 2385 / Nodi: 2376 2380 2384 2385

▲Armature Nucleo

Nodi		Sezione	B	H	Spessore	Armatura	Armatura
		Numero	[cm]	[cm]	[cm]	Verticale	Orizzontale
2376-2380	22	50	50	30	2x ø 20.15	2x ø 12.20	
2380-2384	22	50	50	30	2x ø 20.15	2x ø 12.20	
2384-2385	22	50	50	30	2x ø 20.15	2x ø 12.20	

Sezione	Comb.	N _{ed}	M _{ed}	M ₁₂	M ₁₃	Sd/Sr
Base	1	-220778.0	-5467.7	5121.9	0.26	
Sommità	16	-148093.2	5715.9	15559.0	0.27	

S.L.E.	Combinazione	N	M ₁₂	M ₁₃	σ
		[kg]	[kgm]	[kgm]	[kg/cm²]
Base					
sc Max	26	-148247.8	-2764.2	3235.8	-33.1
sc Med	26	-148247.8	-2764.2	3235.8	-25.1

sc Max	26	-1157595	18339	1234	-220
sc Med	26	-1157595	18339	1234	-196
st	24	-1157595	18339	1234	-261.4
sc	26	-1157595	18339	1234	-327.9
Sommità					
sc Max	26	-1157595	18339	1234	-220
sc Med	26	-1157595	18339	1234	-196
st	24	-1157595	18339	1234	-261.4
sc	26	-1157595	18339	1234	-327.9

▲ Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{re}	α	V _{re}	N _{re}	M _{re}	V _{red}	V _{re,accidentale}	S/R	
[m]	[m]	[m]	[m]	[kg]		[kg]	[kg]	[kgm]	[kg]	[kg]		
2833-2834	0.50	0.50	16	5032.5	1.00	5032.5	-43503.2	-15598.2	62910.7	18719.9	0.0	0.27
2825-2829-2833	1.00	0.50	18	12884.2	1.00	12884.2	-85754.2	-2957.6	129836.9	38634.6	0.0	0.33

▲ NUCLEO 2974 2978 2982 2983 / Nodi: 2974 2978 2982 2983

▲ Armature Nucleo

Nodi	Sezione	Numero	B	H	Spessore	Armatura Verticale	Armatura Orizzontale
2974 2978	32	50	50	30	2x ø 20 15	2x ø 12 20	
2978 2982	32	50	50	30	2x ø 20 15	2x ø 12 20	
2982 2983	32	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione	Comb.	N _{re}	M _{re}	M ₁₂	Sd/Sr		
Base	1	-171586.1	-305.9	1259.6	0.18		
Sommità	1	-170854.8	-3835.3	2446.3	0.19		

S.L.E.	Combinazione	N	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-115197.0	-216.9	848.0	-21.7
sc Med	26	-115197.0	-216.9	848.0	-19.5
st	24	-115197.0	-216.9	848.0	-268.2
sc	26	-115197.0	-216.9	848.0	-325.3
Sommità					
sc Max	26	-115197.0	-216.9	848.0	-21.7
sc Med	26	-115197.0	-216.9	848.0	-19.5
st	24	-115197.0	-216.9	848.0	-268.2
sc	26	-115197.0	-216.9	848.0	-325.3

▲ Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{re}	α	V _{re}	N _{re}	M _{re}	V _{red}	V _{re,accidentale}	S/R
	[m]	critica		[kg]		[kg]	[kg]	[kgm]	[kg]	[kg]	
2982-2983	0.50	0.50	16	5008.3	1.00	5008.3	-37426.3	-12106.7	62910.7	18719.9	0.0 0.27
2974-2978-2982	1.00	0.50	18	12879.3	1.00	12879.3	-80230.4	690.4	129836.9	38634.6	0.0 0.33

▲ NUCLEO 3124 3128 3132 3133 / Nodi: 3124 3128 3132 3133

▲ Armature Nucleo

S.L.E.	Sezione	Comb.	N _{re} [kg]	M _{re} [kgm]	M ₁₂ [kgm]	M ₁₁ [kgm]	Sd/Sr	Armatura				
								N	M ₁₂ [kgm]	M ₁₁ [kgm]		
											Combinazione	σ [kg/cm ²]
	Base	1	-170854.8	-3835.2	2446.2	0.19						
	Sommità	1	-170123.6	-7364.5	3633.2	0.20						

S.L.E.	Combinazione	N	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					

sc Med	26	-116884.5	5935.3	-1325.2	-19.8
st	24	-116884.5	5935.3	-1325.2	-236.9
sc	26	-116884.5	5935.3	-1325.2	-381.0
Sommità					
sc Max	26	-116884.5	5935.3	-1325.2	-25.4
sc Med	26	-116884.5	5935.3	-1325.2	-19.8
st	24	-116884.5	5935.3	-1325.2	-236.9
sc	26	-116884.5	5935.3	-1325.2	-381.0

▲ Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{re} [m]	α	V [kg]	N _{re} [kg]	M _{re} [kgm]	V _{red} [kg]	V _{re,combustione} [kg]	S/R
2534-2535	0.50	0.50	16	4820.3	1.00	4820.3	-55261.8	-22388.9	62910.7	18719.9	0.0 0.26
2526-2530-2534	1.00	0.50	18	11419.8	1.00	11419.8	-97034.4	-10350.1	129836.9	38634.6	0.0 0.30

▲ NUCLEO 2675 2679 2683 2684 / Nodi: 2675 2679 2683 2684

▲ Armature Nucleo

Nodi	Sezione	Numero	B	H	Spessore	Armatura Verticale	Armatura Orizzontale
2675 2679	32	50	50	30	2x ø 20 15	2x ø 12 20	
2679 2683	32	50	50	30	2x ø 20 15	2x ø 12 20	
2683 2684	32	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione	Comb.	N _{re} [kg]	M ₁ [kgm]	M ₁₂ [kgm]	Sd/Sr		
Base	1	-1721048.6	6752.6	-1113.4	0.19		
Sommità	1	-172317.3	3223.4	73.0	0.18		

S.L.E.	Combinazione	N	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-116322.0	3884.6	-601.1	-23.5
sc Med	26	-116322.0	3884.6	-601.1	-19.7
st	24	-116322.0	3884.6	-601.1	-252.0
sc	26	-116322.0	3884.6	-601.1	-352.6
Sommità					
sc Max	26	-116322.0	3884.6	-601.1	-23.5
sc Med	26	-116322.0	3884.6	-601.1	-19.7
st	24	-116322.0	3884.6	-601.1	-252.0
sc	26	-116322.0	3884.6	-601.1	-352.6

▲ Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{re}	α	V	N _{re}	M _{re}	V _{red}	V _{re,accidentale}	S/R
[m]	[m]	[m]		[kg]		[kg]	[kg]	[kgm]	[kg]	[kg]	
2683-2684	0.50	0.50	16	5038.9	1.00	5038.9	-49531.9	-19060.5	62910.7	18719.9	0.0 0.27
2675-2679-2683	1.00	0.50	18	12773.4	1.00	12773.4	-91231.5	-6648.2	129836.9	38634.6	0.0 0.33

▲ NUCLEO 2825 2829 2833 2834 / Nodi: 2825 2829 2833 2834

▲ Armature Nucleo

Nodi	Sezione	Numero	B	H	Spessore	Armatura Verticale	Armatura Orizzontale
2825-2829	32	50	50	30	2x ø 20 15	2x ø 12 20	
2829-2833	32	50	50	30	2x ø 20 15	2x ø 12 20	
2833-2834	32	50	50	30	2x ø 20 15	2x ø 12 20	

Sezione	Comb.	N _{re} [kg]	M _{re} [kgm]	M ₁₂ [kgm]	Sd/Sr
Base	1	-172317.3	3223.4	73.2	0.18
Sommità	1	-171586.1	-305.9	1259.6	0.18

S.E.	Combinazione	N [kg]	M _{re} [kgm]	M ₁₂ [kgm]	σ [kg/cm ²]
Base					

S.L.E.	Combinazione	N	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					

	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base				
sc Max	26	-113509.5	-6369.3	3022.0
sc Med	26	-113509.5	-6369.3	3022.0
st	24	-113509.5	-6369.3	3022.0
sc	26	-113509.5	-6369.3	3022.0
Sommità				
sc Max	26	-113509.5	-6369.3	3022.0
sc Med	26	-113509.5	-6369.3	3022.0
st	24	-113509.5	-6369.3	3022.0
sc	26	-113509.5	-6369.3	3022.0

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{cr} [kg]	α	V _{cr} [kg]	N ₁₂ [kg]	M ₁₂ [kgm]	V _{cr} [kg]	V _{cr} [kg]	V _{cr} [kg]	S/R
3431-3432	0.50	0.50	17	10755.3	1.00	10755.3	-26237.8	-3705.5	62910.7	18719.9	0.0	0.57
3423-3427-3431	1.00	0.50	14	-4888.9	1.00	-4888.9	-78050.8	-1984.2	129836.9	38634.6	0.0	0.13

▲NUCLEO 13366 14022 6324 14701 / Nodi: 13366 14022 6324 14701

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
13366 14022	42	50	50	30	2x ø 20 15'	2x ø 12 20'
14022 6324	42	50	50	30	2x ø 20 15'	2x ø 12 20'
6324 14701	42	50	50	30	2x ø 20 15'	2x ø 12 20'
Sezione	Comb.	N ₁₂ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr	
Base	13	-81872.1	21791.2	9731.5	0.21	
Sommità	18	-83738.1	21538.2	2579.1	0.17	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-81328.7	12381.0	-2193.2	-25.7
sc Med	26	-81328.7	12381.0	-2193.2	-13.8
st	20	-90283.8	14788.8	-2681.3	-76.4
sc	26	-81328.7	12381.0	-2193.2	-384.7
Sommità					
sc Max	26	-81328.7	12381.0	-2193.2	-25.7
sc Med	26	-81328.7	12381.0	-2193.2	-13.8
st	20	-90283.8	14788.8	-2681.3	-76.4
sc	26	-81328.7	12381.0	-2193.2	-384.7

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{cr} [kg]	α	V _{cr} [kg]	N ₁₂ [kg]	M ₁₂ [kgm]	V _{cr} [kg]	V _{cr} [kg]	V _{cr} [kg]	S/R
6324-14701	0.50	0.50	17	9823.1	1.00	9823.1	-38730.2	-18963.7	62910.7	18719.9	0.0	0.52
13366-14022-6324	1.00	0.50	19	5022.3	1.00	5022.3	-67753.4	-19454.2	129836.9	38634.6	0.0	0.13

▲NUCLEO 3572 3576 3580 3581 / Nodi: 3572 3576 3580 3581

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
3572 3576	42	50	50	30	2x ø 20 15'	2x ø 12 20'
3576 3580	42	50	50	30	2x ø 20 15'	2x ø 12 20'
3580 3581	42	50	50	30	2x ø 20 15'	2x ø 12 20'
Sezione	Comb.	N ₁₂ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr	
Base	18	-83714.0	21524.5	2584.5	0.17	
Sommità	1	-119739.1	10510.6	-1418.5	0.15	

Base												
sc Max	26	-114634.5	-2267.8	1572.8	-23.5							
sc Med	26	-114634.5	-2267.8	1572.8	-19.4							
st	24	-114634.5	-2267.8	1572.8	-252.7							
sc	26	-114634.5	-2267.8	1572.8	-351.3							
Sommità												
sc Max	26	-114634.5	-2267.8	1572.8	-23.5							
sc Med	26	-114634.5	-2267.8	1572.8	-19.4							
st	24	-114634.5	-2267.8	1572.8	-252.7							
sc	26	-114634.5	-2267.8	1572.8	-351.3							

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{cr} [kg]	α	V _{cr} [kg]	N ₁₂ [kg]	M ₁₂ [kgm]	V _{cr} [kg]	V _{cr} [kg]	V _{cr} [kg]	S/R
3132-3133	0.50	0.50	16	4869.0	1.00	4869.0	-31607.9	-8728.6	62910.7	18719.9	0.0	0.27
3124-3128-3132	1.00	0.50	18	12778.2	1.00	12778.2	-74710.6	-4369.3	129836.9	38634.6	0.0	0.33

▲NUCLEO 3273 3277 3281 3282 / Nodi: 3273 3277 3281 3282

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
3273 3277	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3277 3281	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3281 3282	32	50	50	30	2x ø 20 15'	2x ø 12 20'
Sezione	Comb.	N ₁₂ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr	
Base	1	-170123.6	-7364.5	3633.2	0.20	
Sommità	16	-114171.0	880.2	12342.4	0.21	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-114072.0	-4318.5	2297.5	-25.5
sc Med	26	-114072.0	-4318.5	2297.5	-19.3
st	24	-114072.0	-4318.5	2297.5	-220.6
sc	26	-114072.0	-4318.5	2297.5	-379.9
Sommità					
sc Max	26	-114072.0	-4318.5	2297.5	-25.5
sc Med	26	-114072.0	-4318.5	2297.5	-19.3
st	24	-114072.0	-4318.5	2297.5	-220.6
sc	26	-114072.0	-4318.5	2297.5	-379.9

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{cr} [kg]	α	V _{cr} [kg]	N ₁₂ [kg]	M ₁₂ [kgm]	V _{cr} [kg]	V _{cr} [kg]	V _{cr} [kg]	S/R
3281-3282	0.50	0.50	16	4813.1	1.00	4813.1	-25825.8	-5385.8	62910.7	18719.9	0.0	0.26
3273-3277-3281	1.00	0.50	18	11239.5	1.00	11239.5	-49172.9	6035.7	129836.9	38634.6	0.0	0.29

▲NUCLEO 3423 3427 3431 3432 / Nodi: 3423 3427 3431 3432

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
3423 3427	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3427 3431	32	50	50	30	2x ø 20 15'	2x ø 12 20'
3431 3432	32	50	50	30	2x ø 20 15'	2x ø 12 20'
Sezione	Comb.	N ₁₂ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr	
Base	16	-114142.6	959.1	12310.1	0.21	
Sommità	16	-113356.9	1493.9	16223.9	0.25	

S.L.E. Combinazione

▲Armature Nucleo

▲Armature Nucleo

Sezione		Comb.		N _u [kg]	M _u [kgm]	M _u [kgm]	M ₁ [kgm]	Sd/Sr
Base	1			-117546,3	-41775,3	-41775,3	19860	0,13

Base	16	-77555.8	-1896.7	11362.3	0.17
Sommità	16	-76723.8	-2471.1	15021.0	0.21

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-77391.2	-8479.5	2646.6	-21.0
sc Med	26	-77391.2	-8479.5	2646.6	-13.1
st	20	-86346.3	-10148.4	3116.7	-69.9
sc	26	-77391.2	-8479.5	2646.6	-308.1
Sommità					
sc Max	26	-77391.2	-8479.5	2646.6	-21.0
sc Med	26	-77391.2	-8479.5	2646.6	-13.1
st	20	-86346.3	-10148.4	3116.7	-69.9
sc	26	-77391.2	-8479.5	2646.6	-308.1

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{cr} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{red} [kg]	V _{res} [kg]	V _{res,superficie} [kg]	S/R
	-4477-4478	0.50	0.50	17	10949.1	1.00	10949.1	-16559.6	-722.0	62910.7	18719.9	0.0	0.58
	-4469-4473-4477	1.00	0.50	19	35093.3	1.00	35093.3	-47363.7	13850.0	129836.9	38634.6	0.0	0.09

▲NUCLEO 13466 14122 6424 14801 / Nodi: 13466 14122 6424 14801

▲Armature Nucleo

Nodi	Sezione	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
13466 14122	52	50	50	30	2x ø 20 15'	2x ø 12 20'
14122 6424	52	50	50	30	2x ø 20 15'	2x ø 12 20'
6424 14801	52	50	50	30	2x ø 20 15'	2x ø 12 20'
Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr	
Base	13	-46090.9	-26980.0	11074.0	0.26	
Sommità	13	-45576.4	19214.9	8062.1	0.18	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-44574.2	16678.1	-2621.8	-25.0
sc Med	26	-44574.2	16678.1	-2621.8	-10.5
st	26	-44574.2	16678.1	-2621.8	95.0
sc	26	-44574.2	16678.1	-2621.8	-371.7
Sommità					
sc Max	26	-44574.2	16678.1	-2621.8	-25.0
sc Med	26	-44574.2	16678.1	-2621.8	-10.5
st	26	-44574.2	16678.1	-2621.8	95.0
sc	26	-44574.2	16678.1	-2621.8	-371.7

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{cr} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{red} [kg]	V _{res} [kg]	V _{res,superficie} [kg]	S/R
	-6424-14801	0.50	0.50	17	11912.6	1.00	11912.6	-26139.4	-15880.8	62910.7	18719.9	0.0	0.64
	-13466-14122-6424	1.00	0.50	18	9750.7	1.00	9750.7	-59112.9	-18933.6	129836.9	38634.6	0.0	0.25

▲NUCLEO 4619 4623 4627 4628 / Nodi: 4619 4623 4627 4628

▲Armature Nucleo

Nodi	Sezione	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
4619 4623	52	50	50	30	2x ø 20 15'	2x ø 12 20'
4623 4627	52	50	50	30	2x ø 20 15'	2x ø 12 20'
4627 4628	52	50	50	30	2x ø 20 15'	2x ø 12 20'
Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr	

Sommità	1	-116814.1	-9073.6	3120.9	0.14
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S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-78516.2	-2519.3	1263.8	-16.7
sc Med	26	-78516.2	-2519.3	1263.8	-13.3
st	24	-78516.2	-2519.3	1263.8	-159.5
sc	26	-78516.2	-2519.3	1263.8	-249.3
Sommità					
sc Max	26	-78516.2	-2519.3	1263.8	-16.7
sc Med	26	-78516.2	-2519.3	1263.8	-13.3
st	24	-78516.2	-2519.3	1263.8	-159.5
sc	26	-78516.2	-2519.3	1263.8	-249.3

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{cr} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{red} [kg]	V _{res} [kg]	V _{res,superficie} [kg]	S/R
	-4178-4179	0.50	0.50	16	4764.5	1.00	4764.5	-20581.3	-5213.6	62910.7	18719.9	0.0	0.25
	-4170-4174-4178	1.00	0.50	18	13589.1	1.00	13589.1	-50106.4	39642	129836.9	38634.6	0.0	0.35

▲NUCLEO 4320 4324 4328 4329 / Nodi: 4320 4324 4328 4329

▲Armature Nucleo

Nodi	Sezione	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
4320 4324	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4324 4328	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4328 4329	42	50	50	30	2x ø 20 15'	2x ø 12 20'
Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr	
Base	1	-116814.1	-9073.5	3120.6	0.14	
Sommità	16	-77534.9	-1952.5	11388.7	0.17	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-77953.7	-5499.4	1955.2	-18.8
sc Med	26	-77953.7	-5499.4	1955.2	-13.2
st	24	-77953.7	-5499.4	1955.2	-115.5
sc	26	-77953.7	-5499.4	1955.2	-278.7
Sommità					
sc Max	26	-77953.7	-5499.4	1955.2	-18.8
sc Med	26	-77953.7	-5499.4	1955.2	-13.2
st	24	-77953.7	-5499.4	1955.2	-115.5
sc	26	-77953.7	-5499.4	1955.2	-278.7

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{cr} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{red} [kg]	V _{res} [kg]	V _{res,superficie} [kg]	S/R
	-4328-4329	0.50	0.50	16	4643.8	1.00	4643.8	-15815.3	-2177.5	62910.7	18719.9	0.0	0.25
	-4320-4324-4328	1.00	0.50	18	11929.5	1.00	11929.5	-44270.4	7900.6	129836.9	38634.6	0.0	0.31

▲NUCLEO 4469 4473 4477 4478 / Nodi: 4469 4473 4477 4478

▲Armature Nucleo

Nodi	Sezione	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
4469 4473	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4473 4477	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4477 4478	42	50	50	30	2x ø 20 15'	2x ø 12 20'
Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr	

Sezione	Comb.	N _u [kg]	M _u [kgm]	M _u [kgm]	Sd/Sr
Base	1	-64671.0	3677.9	-238.3	0.08
Sommità	1	-43939.8	-4095.3	1131.8	0.07

S.L.E.	Combinazione	N [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm²]
Base					
sc Max	26	-42886.7	2257.5	-116.2	-9.8
sc Med	26	-42886.7	2257.5	-116.2	-7.3
st	24	-42886.7	2257.5	-116.2	-77.0
sc	26	-42886.7	2257.5	-116.2	-146.3
Sommità					
sc Max	26	-42886.7	2257.5	-116.2	-9.8
sc Med	26	-42886.7	2257.5	-116.2	-7.3
st	24	-42886.7	2257.5	-116.2	-77.0
sc	26	-42886.7	2257.5	-116.2	-146.3

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _c [kg]	α	V	N _u [kg]	M _u [kg]	V _{u,d} [kg]	V _u [kg]	V _{u,verificando} S/R				
	49.26	4927	0.50	0.50	16	6172.3	1.00	6172.3	-17008.4	-664.5	62910.7	18719.9	0.0	0.33	
	4918	4922	4926	1.00	0.50	18	19363.3	1.00	19363.3	-35089.4	-2094.5	129836.9	38634.6	0.0	0.50

▲ NUCLEO 5067 5071 5075 5076 / Nodi: 5067 5071 5075 5076

▲ Armature Nucleo

Nodi	Sezione	B Numero	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
5067 5071	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5071 5075	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5075 5076	52	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _u [kg]	M _u [kgm]	M _u [kgm]	Sd/Sr
Base	1	-6959.8	-4095.3	1131.7	0.07
Sommità	13	-42762.1	-11037.8	-3670.8	0.11

S.L.E.	Combinazione	N [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm²]
Base					
sc Max	26	-42324.2	-2549.4	719.1	-9.3
sc Med	26	-42324.2	-2549.4	719.1	-7.2
st	23	-42577.9	-2639.0	756.7	-69.5
sc	26	-42324.2	-2549.4	719.1	-138.3
Sommità					
sc Max	26	-42324.2	-2549.4	719.1	-9.3
sc Med	26	-42324.2	-2549.4	719.1	-7.2
st	23	-42577.9	-2639.0	756.7	-69.5
sc	26	-42324.2	-2549.4	719.1	-138.3

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _u [kg]	α	N _u [kg]	M _u [kgm]	V _{u,d} [kg]	V _u [kg]	V _{u,verificato} [kg]	S/R		
	5075	5076	0.50	0.50	16	6141.3	-11697.2	-2909.0	62910.7	18719.9	0.0	0.33	
	5067	5071	5075	1.00	0.50	18	19361.8	-26882.9	3536.3	129836.9	38634.6	0.0	0.50

▲ NUCLEO 5217 5221 5225 5226 / Nodi: 5217 5221 5225 5226

▲ Armature Nucleo

Nodi	Sezione	B Numero	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
5217 5221	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5221 5225	52	50	50	30	2x ø 20 15'	2x ø 12 20'

	N _u [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm²]	
Base	13	-45434.4	19132.0	8085.9	0.18
Sommità	13	-45124.1	11516.5	5089.2	0.11

S.L.E.	Combinazione	N [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm²]
Base					
sc Max	26	-44011.7	11871.2	-1786.5	-19.4
sc Med	26	-44011.7	11871.2	-1786.5	-7.8
st	24	-44011.7	11871.2	-1786.5	-23.0
sc	26	-44011.7	11871.2	-1786.5	-289.1
Sommità					
sc Max	26	-44011.7	11871.2	-1786.5	-19.4
sc Med	26	-44011.7	11871.2	-1786.5	-7.8
st	24	-44011.7	11871.2	-1786.5	-23.0
sc	26	-44011.7	11871.2	-1786.5	-289.1

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _e [kg]	α	V _i [kg]	N _u [kg]	M _u [kgm]	V _{u,d} [kg]	V _u [kg]	V _{u,verificando} S/R		
	4627	4628	0.50	0.50	16	6084.8	-28294.3	-34353.7	62910.7	18719.9	0.0	0.33	
	4619	4623	4627	1.00	0.50	18	17607.2	-51090.5	-13246.7	129836.9	38634.6	0.0	0.46

▲ NUCLEO 4768 4772 4776 4777 / Nodi: 4768 4772 4776 4777

▲ Armature Nucleo

Nodi	Sezione	B Numero	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
4768 4772	52	50	50	30	2x ø 20 15'	2x ø 12 20'
4772 4776	52	50	50	30	2x ø 20 15'	2x ø 12 20'
4776 4777	52	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _u [kg]	M _u [kgm]	M _u [kgm]	Sd/Sr
Base	13	-44409.3	11535.8	5142.2	0.11
Sommità	1	-64671.0	3677.8	-238.4	0.08

S.L.E.	Combinazione	N [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm²]
Base					
sc Max	26	-43449.2	7064.4	-951.4	-14.6
sc Med	26	-43449.2	7064.4	-951.4	-7.4
st	20	-48509.5	8354.0	-1169.6	-26.8
sc	26	-43449.2	7064.4	-951.4	-217.3
Sommità					
sc Max	26	-43449.2	7064.4	-951.4	-14.6
sc Med	26	-43449.2	7064.4	-951.4	-7.4
st	20	-48509.5	8354.0	-1169.6	-26.8
sc	26	-43449.2	7064.4	-951.4	-217.3

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _e [kg]	α	V _i [kg]	N _u [kg]	M _u [kgm]	V _{u,d} [kg]	V _u [kg]	V _{u,verificando} S/R		
	4776-4777	0.50	0.50	16	6192.2	1.00	6192.2	-22808.7	-10559.9	62910.7	18719.9	0.0	0.33
	4768-4772-4776	1.00	0.50	18	19255.2	1.00	19255.2	-42946.8	-7166.4	129836.9	38634.6	0.0	0.50

▲ NUCLEO 4918 4922 4926 4927 / Nodi: 4918 4922 4926 4927

▲ Armature Nucleo

Nodi	Sezione	B Numero	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
4918 4922	52	50	50	30	2x ø 20 15'	2x ø 12 20'
4922 4926	52	50	50	30	2x ø 20 15'	2x ø 12 20'
4926 4927	52	50	50	30	2x ø 20 15'	2x ø 12 20'

5520 5524	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5524 5525	52	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	13	-41341.2	-26329.5	-9341.5	0.24
Sommità	13	-40659.6	-33889.5	-12332.1	0.31

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-40636.7	-16970.0	3225.0	-21.6
sc Med	26	-40636.7	-16970.0	3225.0	-12.1
st	26	-40636.7	-16970.0	3225.0	295.0
sc	26	-40636.7	-16970.0	3225.0	-322.3
Sommità					
sc Max	26	-40636.7	-16970.0	3225.0	-21.6
sc Med	26	-40636.7	-16970.0	3225.0	-12.1
st	26	-40636.7	-16970.0	3225.0	295.0
sc	26	-40636.7	-16970.0	3225.0	-322.3

▲ Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _e	α	N _{ed}	M ₁₂	M ₁₃	V _{ed}	V _{Max,verificato}	S/R	
	[m]	[m]	critica	[kg]		[kg]	[kgm]	[kgm]	[kg]	[kg]		
5524-5525	0.50	0.50	1	16090.6	1.00	16090.6	-30890.3	-5795.6	62910.7	18719.9	0.0	0.86
5516-5520-5524	1.00	0.50	18	5878.1	1.00	5878.1	-3542.6	20602.7	129836.9	38634.6	0.0	0.15

▲ NUCLEO 56 60 70 69 / Nodi: 56 60 70 69

▲ Armature Nucleo

Nodi	Sezione	B Numero	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
56 60	12	50	50	30	2x ø 20 15'	2x ø 14 15'
60 70	12	50	50	30	2x ø 20 15'	2x ø 14 15'
69 70	12	50	50	30	2x ø 20 15'	2x ø 14 15'

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	16	-191654.8	-27687.4	-29463.1	0.44
Sommità	16	-191774.1	-23691.8	-23746.2	0.39

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-199808.7	-21732.0	-6392.0	-53.1
sc Med	26	-199808.7	-21732.0	-6392.0	-33.8
st	24	-199808.7	-21732.0	-6392.0	-189.0
sc	26	-199808.7	-21732.0	-6392.0	-779.6
Sommità					
sc Max	26	-199808.7	-21732.0	-6392.0	-53.1
sc Med	26	-199808.7	-21732.0	-6392.0	-33.8
st	24	-199808.7	-21732.0	-6392.0	-189.0
sc	26	-199808.7	-21732.0	-6392.0	-779.6

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ed} [kg]	α	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{ed} [kg]	V _{max,verif} [kg]	S/R	
69-70	0.50	0.50	16	15 299.9	1.00	15299.9	-3907.96	-830.7	62910.7	33973.1	102387.0	0.45
56-60-70	1.00	0.50	14	-12560.7	1.00	-12560.7	-10469.69	28622.0	129836.9	70114.6	165012.3	0.18

▲ NUCLEO 462 466 472 471 / Nodi: 462 466 472 471

▲ Armature Nucleo

Nodi	Sezione	B Numero	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
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5525 5526	52	50	50	30	2x ø 20 15'	2x ø 12 20'
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Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	13	-4205.70	-10931.9	-3616.1	0.10
Sommità	13	-42552.9	-18512.2	-6881.9	0.17

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-41761.7	-7356.2	1554.4	-12.2
sc Med	26	-41761.7	-7356.2	1554.4	-7.1
st	23	-42015.4	-7526.6	1624.9	0.3
sc	26	-41761.7	-7356.2	1554.4	-176.7
Sommità					
sc Max	26	-41761.7	-7356.2	1554.4	-12.2
sc Med	26	-41761.7	-7356.2	1554.4	-7.1
st	23	-42015.4	-7526.6	1624.9	0.3
sc	26	-41761.7	-7356.2	1554.4	-176.7

▲ Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{ed}	α	N _{ed}	M ₁₂	M ₁₃	V _{ed}	V _{max,verif}	S/R	
	[m]	[m]		[kg]			[kgm]	[kgm]	[kg]	[kg]		
5255-5256	0.50	0.50	16	6163.1	1.00	6163.1	6428.2	796.9	62910.7	18719.9	0.0	0.33
5217-5221-5225	1.00	0.50	18	19175.4	1.00	19175.4	-18861.0	9123.1	129836.9	38634.6	0.0	0.50

▲ NUCLEO 5366 5370 5374 5375 / Nodi: 5366 5370 5374 5375

▲ Armature Nucleo

Nodi	Sezione	B Numero	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
5366 5370	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5370 5374	52	50	50	30	2x ø 20 15'	2x ø 12 20'
5374 5375	52	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	13	-40887.3	-18353.3	-6557.1	0.17
Sommità	13	-41245.0	-26218.4	-9343.8	0.24

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-41199.2	-12163.2	2389.7	-16.0
sc Med	26	-41199.2	-12163.2	2389.7	-9.4
st	26	-41199.2	-12163.2	2389.7	108.9
sc	26	-41199.2	-12163.2	2389.7	-240.1
Sommità					
sc Max	26	-41199.2	-12163.2	2389.7	-16.0
sc Med	26	-41199.2	-12163.2	2389.7	-9.4
st	26	-41199.2	-12163.2	2389.7	108.9
sc	26	-41199.2	-12163.2	2389.7	-240.1

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ed} [kg]	α	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{ed} [kg]	V _{max,verif} [kg]	S/R	
5374-5375	0.50	0.50	16	6343.6	1.00	6343.6	-1255.3	4462.6	62910.7	18719.9	0.0	0.34
5366-5370-5374	1.00	0.50	18	16916.9	1.00	16916.9	-10865.3	14713.6	129836.9	38634.6	0.0	0.44

▲ NUCLEO 5516 5520 5524 5525 / Nodi: 5516 5520 5524 5525

▲ Armature Nucleo

Nodi	Sezione	B Numero	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
5516 5520	52	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
753 757	12	50	50	30	2x ø 20 15'	2x ø 14 15'
757 763	12	50	50	30	2x ø 20 15'	2x ø 14 15'
762 763	12	50	50	30	2x ø 20 15'	2x ø 14 15'
Sezione						
Base	Comb.	N _{br} [kg]	N _{br} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-294763.6	-16805.6	-5611.1	0.34	
Sommità	1	-294032.4	-13113.9	-4274.8	0.33	

S.L.E.						
Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]		
Base	26	-198121.2	-12453.8	-3772.4	-44.8	
sc Max	26	-198121.2	-12453.8	-3772.4	-33.5	
sc Med	24	-198121.2	-12453.8	-3772.4	-319.8	
sc	26	-198121.2	-12453.8	-3772.4	-662.7	
Sommità	26	-198121.2	-12453.8	-3772.4	-44.8	
sc Max	26	-198121.2	-12453.8	-3772.4	-33.5	
sc Med	24	-198121.2	-12453.8	-3772.4	-319.8	
sc	26	-198121.2	-12453.8	-3772.4	-662.7	

▲ Verifiche a taglio dei diaframmi

Diaframma		B [m]	H [m]	Comb.	V _{te} [kg]	α	V _{br} [kg]	N _{br} [kg]	M ₁₂ [kgm]	V _{med} [kg]	V _{max} [kg]	V _{max,corrente} [kg]	S/R
762-763	0.50	0.50	16	7650.1	1.00	7650.1	-55402.1	12295.6	6290.7	33973.1	103377.1	1023	
753-757-763	1.00	0.50	14	-15457.8	1.00	-15457.8	1197518.1	13921.3	129836.9	70114.6	204921.7	1022	

▲ NUCLEO 898 903 909 908 / Nodi: 898 903 909 908

▲ Armature Nucleo

Nodi	Sezione	Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
898-903	12	50	50	30	2x ø 20 15'	2x ø 14 15'	
903-909	12	50	50	30	2x ø 20 15'	2x ø 14 15'	
908-909	12	50	50	30	2x ø 20 15'	2x ø 14 15'	
Sezione							
Base	Comb.	N _{br} [kg]	N _{br} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr	
Base	1	-294032.4	-13114.0	-4274.8	0.33		
Sommità	1	-293301.1	-9422.3	-2940.0	0.32		

S.L.E.						
Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]		
Base	26	-197558.7	-9360.9	-2899.6	-42.0	
sc Max	26	-197558.7	-9360.9	-2899.6	-33.4	
sc Med	24	-197558.7	-9360.9	-2899.6	-363.4	
sc	26	-197558.7	-9360.9	-2899.6	-623.8	
Sommità	26	-197558.7	-9360.9	-2899.6	-42.0	
sc Max	26	-197558.7	-9360.9	-2899.6	-33.4	
sc Med	24	-197558.7	-9360.9	-2899.6	-363.4	
sc	26	-197558.7	-9360.9	-2899.6	-623.8	

▲ Verifiche a taglio dei diaframmi

Diaframma		B [m]	H [m]	Comb.	V _{te} [kg]	α	V _{br} [kg]	N _{br} [kg]	M ₁₂ [kgm]	V _{med} [kg]	V _{max} [kg]	V _{max,corrente} [kg]	S/R
908-909	0.50	0.50	16	7671.6	1.00	7671.6	-60879.7	16603.8	6290.7	33973.1	103377.1	1023	
898-903-909	1.00	0.50	14	-15410.4	1.00	-15410.4	124877.1	9033.5	129836.9	70114.6	206754.1	1022	

▲ NUCLEO 1044 1048 1054 1053 / Nodi: 1044 1048 1054 1053

462 466	12	50	50	30	2x ø 20 15'	2x ø 14 15'
466 472	12	50	50	30	2x ø 20 15'	2x ø 14 15'
471 472	12	50	50	30	2x ø 20 15'	2x ø 14 15'
Sezione						
Base	Comb.	N _{br} [kg]	N _{br} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	16	-191055.7	-23723.0	-23802.4	0.39	
Sommità	1	-295494.9	-20497.0	-6947.7	0.35	

S.L.E.						
Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]		
Base	26	-199246.2	-18639.2	-5518.9	-50.3	
sc Max	26	-199246.2	-18639.2	-5518.9	-33.7	
sc Med	24	-199246.2	-18639.2	-5518.9	-232.6	
sc	26	-199246.2	-18639.2	-5518.9	-740.6	
Sommità	26	-199246.2	-18639.2	-5518.9	-50.3	
sc Max	26	-199246.2	-18639.2	-5518.9	-33.7	
sc Med	24	-199246.2	-18639.2	-5518.9	-232.6	
sc	26	-199246.2	-18639.2	-5518.9	-740.6	

▲ Verifiche a taglio dei diaframmi

Diaframma		B [m]	H [m]	Comb.	V _{te} [kg]	α	V _{br} [kg]	N _{br} [kg]	M ₁₂ [kgm]	V _{med} [kg]	V _{max} [kg]	V _{max,corrente} [kg]	S/R
471-472	0.50	0.50	16	8224.6	1.00	8224.6	-44532.8	3526.7	6290.7	33973.1	103354.7	1024	
462-466-472	1.00	0.50	14	-15152.4	1.00	-15152.4	109693.8	23721.7	129836.9	70114.6	177412.1	1022	

▲ NUCLEO 608 612 618 617 / Nodi: 608 612 618 617

▲ Armature Nucleo

Nodi	Sezione	Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
608-612	12	50	50	30	2x ø 20 15'	2x ø 14 15'	
612-618	12	50	50	30	2x ø 20 15'	2x ø 14 15'	
617-618	12	50	50	30	2x ø 20 15'	2x ø 14 15'	
Sezione							
Base	Comb.	N _{br} [kg]	N _{br} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr	
Base	1	-295494.9	-20497.1	-6946.9	0.35		
Sommità	1	-294763.7	-16805.4	-5611.4	0.34		

S.L.E.						
Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]		
Base	26	-198683.7	-15546.5	-4646.1	-47.6	
sc Max	26	-198683.7	-15546.5	-4646.1	-33.6	
sc Med	24	-198683.7	-15546.5	-4646.1	-276.2	
sc	26	-198683.7	-15546.5	-4646.1	-701.7	
Sommità	26	-198683.7	-15546.5	-4646.1	-47.6	
sc Max	26	-198683.7	-15546.5	-4646.1	-33.6	
sc Med	24	-198683.7	-15546.5	-4646.1	-276.2	
sc	26	-198683.7	-15546.5	-4646.1	-701.7	

▲ Verifiche a taglio dei diaframmi

Diaframma		B [m]	H [m]	Comb.	V _{te} [kg]	α	V _{br} [kg]	N _{br} [kg]	M ₁₂ [kgm]	V _{med} [kg]	V _{max} [kg]	V _{max,corrente} [kg]	S/R
617-618	0.50	0.50	16	7720.5	1.00	7720.5	-49976.8	7883.7	6290.7	33973.1	103377.1	1023	
608-612-618	1.00	0.50	14	-15494.9	1.00	-15494.9	114710.5	18808.9	129836.9	70114.6	192440.2	1022	

▲ NUCLEO 753 757 763 762 / Nodi: 753 757 763 762

▲ Armature Nucleo

Nodi

▲NUCLEO 1335 1339 1345 1344 / Nodi: 1335 1339 1345 1344

▲Armature Nucleo

Nodi	Sezione		B	H	Spessore	Armatura	
	Numero	[cm]				Verticale	Orizzontale
1335 1339	12	50	50	30	2x ø 20 15'	2x ø 14 15'	
1339 1345	12	50	50	30	2x ø 20 15'	2x ø 14 15'	
1344 1345	12	50	50	30	2x ø 20 15'	2x ø 14 15'	

Sezione	Comb.	N _{tot}	[kg]	M ₁₂	[kgm]	M ₁₃	[kgm]	Sd/Sr
Base	1	-291838.7	-2039.1			-2687		0.29
Sommità	13	-203357.0	2004.4			-14586.3		0.31

S.L.E.	Combinazione	N	[kg]	M ₁₂	[kgm]	M ₁₃	[kgm]	σ
Base								
sc Max	26	-195871.2	-82.6	-280.4		-33.9		
sc Med	26	-195871.2	-82.6	-280.4		-33.1		
sc	24	-195871.2	-82.6	-280.4		-489.0		
sc	26	-195871.2	-82.6	-280.4		-507.7		
Sommità								
sc Max	26	-195871.2	-82.6	-280.4		-33.9		
sc Med	26	-195871.2	-82.6	-280.4		-33.1		
sc	24	-195871.2	-82.6	-280.4		-489.0		
sc	26	-195871.2	-82.6	-280.4		-507.7		

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{cr}	[m]	critica	[kg]	V _{ed}	[kg]	N _{ed}	[kg]	M _{ed}	[kgm]	V _{red}	[kg]	V _{red,concrete}	S/R
1344-1345	0.50	0.50	13	-10298.1	1.00	-10298.1	-52618.4	13397.5	62910.7	33973.1						0.0	0.30
1335-1339-1345	1.00	0.50	15	-15670.3	1.00	-15670.3	-127039.8	-8622.9	129836.9	7014.6						0.0	0.22

▲NUCLEO 13187 13843 6527 6526 / Nodi: 13187 13843 6527 6526

▲Armature Nucleo

Nodi	Sezione		B	H	Spessore	Armatura	
	Numero	[cm]				Verticale	Orizzontale
13187 13843	22	50	50	30	2x ø 20 15'	2x ø 12 20'	
13843 6527	22	50	50	30	2x ø 20 15'	2x ø 12 20'	
6526 6527	22	50	50	30	2x ø 20 15'	2x ø 12 20'	

Sezione	Comb.	N _{tot}	[kg]	M ₁₂	[kgm]	M ₁₃	[kgm]	Sd/Sr
Base	1	-237665.5	23280.9			-3704.1		0.31
Sommità	1	-236934.2	18183.1			-3171.7		0.29

S.L.E.	Combinazione	N	[kg]	M ₁₂	[kgm]	M ₁₃	[kgm]	σ
Base								
sc Max	26	-159859.6	14176.9	-2437.8		-47.9		
sc Med	26	-159859.6	14176.9	-2437.8		-27.1		
sc	20	-177486.3	17006.1	-2763.7		-99.4		
sc	26	-159859.6	14176.9	-2437.8		-696.1		
Sommità								
sc Max	26	-159859.6	14176.9	-2437.8		-47.9		
sc Med	26	-159859.6	14176.9	-2437.8		-27.1		
sc	20	-177486.3	17006.1	-2763.7		-99.4		
sc	26	-159859.6	14176.9	-2437.8		-696.1		

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{cr}	[m]	critica	[kg]	V _{ed}	[kg]	N _{ed}	[kg]	M _{ed}	[kgm]	V _{red}	[kg]	V _{red,concrete}	S/R
6526-6527	0.50	0.50	13	-7585.3	1.00	-7585.3	-57217.4	23752.5	62910.7	18719.9						0.0	0.41
13187-13843-6527	1.00	0.50	18	-5896.4	1.00	-5896.4	-125444.2	-18896.2	129836.9	38634.6						0.0	0.15

▲Armature Nucleo

Nodi	Sezione		B	H	Spessore	Armatura	
	Numero	[cm]				Verticale	Orizzontale
1044 1048	12	50	50	30	2x ø 20 15'	2x ø 14 15'	
1048 1054	12	50	50	30	2x ø 20 15'	2x ø 14 15'	
1053 1054	12	50	50	30	2x ø 20 15'	2x ø 14 15'	

Sezione	Comb.	N _{tot}	[kg]	M ₁₂	[kgm]	M ₁₃	[kgm]	Sd/Sr
Base	1	-293301.2	-9422.2			-2940.3		0.32
Sommità	1	-292569.9	-5730.6			-1694.5		0.31

S.L.E.	Combinazione	N	[kg]	M ₁₂	[kgm]	M ₁₃	[kgm]	σ
Base								
sc Max	26	-196996.2	-6268.1	-2026.4		-39.3		
sc Med	26	-196996.2	-6268.1	-2026.4		-33.3		
sc	24	-196996.2	-6268.1	-2026.4		-407.0		
sc	26	-196996.2	-6268.1	-2026.4		-584.8		
Sommità								
sc Max	26	-196996.2	-6268.1	-2026.4		-39.3		
sc Med	26	-196996.2	-6268.1	-2026.4		-33.3		
sc	24	-196996.2	-6268.1	-2026.4		-407.0		
sc	26	-196996.2	-6268.1	-2026.4		-584.8		

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{cr}	[m]	critica	[kg]	V _{ed}	[kg]	N _{ed}	[kg]	M _{ed}	[kgm]	V _{red}	[kg]	V _{red,concrete}	S/R
1053-1054	0.50	0.50	16	-7555.7	1.00	-7555.7	-6605.6	20887.4	62910.7	33973.1						0.0	0.22
1044-1048-1054	1.00	0.50	14	-15342.3	1.00	-15342.3	-129783.5	-4064.0	129836.9	7014.6						0.0	0.22

▲NUCLEO 1189 1193 1199 1198 / Nodi: 1189 1193 1199 1198

▲Armature Nucleo

Nodi	Sezione		B	H	Spessore	Armatura	
	Numero	[cm]				Verticale	Orizzontale
1189 1193	12	50	50	30	2x ø 20 15'	2x ø 14 15'	
1193 1199	12	50	50	30	2x ø 20 15'	2x ø 14 15'	
1198 1199	12	50	50	30	2x ø 20 15'	2x ø 14 15'	

Sezione	Comb.	N _{tot}	[kg]	M ₁₂	[kgm]	M ₁₃	[kgm]	Sd/Sr
Base	1	-292569.9	-5730.6			-1604.0		0.31
Sommità	1	-291838.6	-2039.3			-267.4		0.29

S.L.E.	Combinazione	N	[kg]	M ₁₂	[kgm]	M ₁₃	[kgm]	σ
Base								
sc Max	26	-196433.7	-3175.3	-1153.2		-36.5		
sc Med	26	-196433.7	-3175.3	-1153.2		-33.2		
sc	24	-196433.7	-3175.3	-1153.2		-450.6		
sc	26	-196433.7	-3175.3	-1153.2		-545.9		
Sommità								
sc Max	26	-196433.7	-3175.3	-1153.2		-36.5		
sc Med	26	-196433.7	-3175.3	-1153.2		-33.2		
sc	24	-196433.7	-3175.3	-1153.2		-450.6		
sc	26	-196433.7	-3175.3	-1153.2		-545.9		

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{cr}	[m]	critica	[kg]	V _{ed}	[kg]	N _{ed}	[kg]	M _{ed}	[kgm]	V _{red}	[kg]	V _{red,concrete}	S/R
1189-1199	0.50	0.50	16	-6782.9	1.00	-6782.9	-71803.3	25313.3	62910.7	33973.1						0.0	0.20
1189-1193-1199	1.00	0.50	14	-15334.9	1.00	-15334.9	-134800.8	-818.6	129836.9	7014.6						0.0	0.22

▲ NUCLEO 1779 1783 1789 1788 / Nodi: 1779 1783 1789 1788

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
1779 1783	22	50	50	30	2x ø 20 15	2x ø 12 20
1783 1789	22	50	50	30	2x ø 20 15	2x ø 12 20
1788 1789	22	50	50	30	2x ø 20 15	2x ø 12 20

Sezione	Comb.	N _{ed} [kg]	M _{1,2} [kgm]	M _{1,1} [kgm]	Sd/Sr
Base	1	-235471.7	7987.7	-2106.3	0.26
Sommità	1	-234740.4	2890.0	-1573.8	0.24

S.L.E.	Combinazione	N [kg]	M _{1,2} [kgm]	M _{1,1} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-158172.1	5046.8	-1402.8	-34.9
sc Med	26	-158172.1	5046.8	-1402.8	-26.8
st	24	-158172.1	5046.8	-1402.8	-278.3
sc	26	-158172.1	5046.8	-1402.8	-514.0
Sommità					
sc Max	26	-158172.1	5046.8	-1402.8	-34.9
sc Med	26	-158172.1	5046.8	-1402.8	-26.8
st	24	-158172.1	5046.8	-1402.8	-278.3
sc	26	-158172.1	5046.8	-1402.8	-514.0

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ce} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{1,2} [kgm]	V _{ed} [kg]	V _{1,2} [kg]	V _{1,2} accrescimento [kg]	S/R
1788-1789	0.50	0.50	16	3927.8	1.00	3927.8	-41942.3	12895.5	62910.7	18719.9	0.0	0.21
1779-1783-1789	1.00	0.50	19	13491.3	1.00	13491.3	-114665.5	44297.7	129836.9	38634.6	0.0	0.35

▲ NUCLEO 1929 1933 1939 1938 / Nodi: 1929 1933 1939 1938

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
1929 1933	22	50	50	30	2x ø 20 15	2x ø 12 20
1933 1939	22	50	50	30	2x ø 20 15	2x ø 12 20
1938 1939	22	50	50	30	2x ø 20 15	2x ø 12 20

Sezione	Comb.	N _{ed} [kg]	M _{1,2} [kgm]	M _{1,1} [kgm]	Sd/Sr
Base	1	-234740.5	2890.0	-1573.7	0.24
Sommità	1	-234009.2	-2207.7	-1041.2	0.24

S.L.E.	Combinazione	N [kg]	M _{1,2} [kgm]	M _{1,1} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-157609.6	2003.3	-1057.9	-30.6
sc Med	26	-157609.6	2003.3	-1057.9	-26.7
st	24	-157609.6	2003.3	-1057.9	-334.8
sc	26	-157609.6	2003.3	-1057.9	-453.3
Sommità					
sc Max	26	-157609.6	2003.3	-1057.9	-30.6
sc Med	26	-157609.6	2003.3	-1057.9	-26.7
st	24	-157609.6	2003.3	-1057.9	-334.8
sc	26	-157609.6	2003.3	-1057.9	-453.3

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ce} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{1,2} [kgm]	V _{ed} [kg]	V _{1,2} [kg]	V _{1,2} accrescimento [kg]	S/R
1938-1939	0.50	0.50	16	3934.2	1.00	3934.2	-48156.0	15951.8	62910.7	18719.9	0.0	0.21
1929-1933-1939	1.00	0.50	19	13491.3	1.00	13491.3	-108681.5	-643.6	129836.9	38634.6	0.0	0.35

▲ NUCLEO 1480 1484 1490 1489 / Nodi: 1480 1484 1490 1489

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
1480 1484	22	50	50	30	2x ø 20 15	2x ø 12 20
1484 1490	22	50	50	30	2x ø 20 15	2x ø 12 20
1489 1490	22	50	50	30	2x ø 20 15	2x ø 12 20

Sezione	Comb.	N _{ed} [kg]	M _{1,2} [kgm]	M _{1,1} [kgm]	Sd/Sr
Base	1	-236934.2	18183.0	-3171.3	0.29
Sommità	1	-236203.0	13085.4	-2638.7	0.28

S.L.E.	Combinazione	N [kg]	M _{1,2} [kgm]	M _{1,1} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-159297.1	11133.5	-2092.9	-43.5
sc Med	26	-159297.1	11133.5	-2092.9	-27.0
st	24	-159297.1	11133.5	-2092.9	-165.3
sc	26	-159297.1	11133.5	-2092.9	-635.4
Sommità					
sc Max	26	-159297.1	11133.5	-2092.9	-43.5
sc Med	26	-159297.1	11133.5	-2092.9	-27.0
st	24	-159297.1	11133.5	-2092.9	-165.3
sc	26	-159297.1	11133.5	-2092.9	-635.4

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ce} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{1,2} [kgm]	V _{ed} [kg]	V _{1,2} [kg]	V _{1,2} accrescimento [kg]	S/R
1489-1490	0.50	0.50	13	-3268.7	1.00	-3268.7	-55802.6	22038.7	62910.7	18719.9	0.0	0.17
1480-1484-1490	1.00	0.50	19	11896.0	1.00	11896.0	-126958.7	-11926.3	129836.9	38634.6	0.0	0.31

▲ NUCLEO 1630 1634 1640 1639 / Nodi: 1630 1634 1640 1639

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
1630 1634	22	50	50	30	2x ø 20 15	2x ø 12 20
1634 1640	22	50	50	30	2x ø 20 15	2x ø 12 20
1639 1640	22	50	50	30	2x ø 20 15	2x ø 12 20

Sezione	Comb.	N _{ed} [kg]	M _{1,2} [kgm]	M _{1,1} [kgm]	Sd/Sr
Base	1	-236202.9	13085.4	-2638.8	0.28
Sommità	1	-235471.7	7987.7	-2106.2	0.26

S.L.E.	Combinazione	N [kg]	M _{1,2} [kgm]	M _{1,1} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-158734.6	8090.0	-1747.6	-39.2
sc Med	26	-158734.6	8090.0	-1747.6	-26.9
st	24	-158734.6	8090.0	-1747.6	-221.8
sc	26	-158734.6	8090.0	-1747.6	-574.7
Sommità					
sc Max	26	-158734.6	8090.0	-1747.6	-39.2
sc Med	26	-158734.6	8090.0	-1747.6	-26.9
st	24	-158734.6	8090.0	-1747.6	-221.8
sc	26	-158734.6	8090.0	-1747.6	-574.7

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ce} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{1,2} [kgm]	V _{ed} [kg]	V _{1,2} [kg]	V _{1,2} accrescimento [kg]	S/R
1639-1640	0.50	0.50	16	3763.7	1.00	3763.7	-35810.8	9873.7	62910.7	18719.9	0.0	0.20
1630-1634-1640	1.00	0.50	19	13353.2	1.00	13353.2	-120894.4	8164.5	129836.9	38634.6	0.0	0.35

▲ NUCLEO 2377 2381 2387 2386 / Nodi: 2377 2381 2387 2386

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
2377 2381	22	50	50	30	2x ø 20 15	2x ø 12 20
2381 2387	22	50	50	30	2x ø 20 15	2x ø 12 20
2386 2387	22	50	50	30	2x ø 20 15	2x ø 12 20

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-232546.7	-12403.3	237	0.26
Sommità	1	-231815.4	-17500.9	556.3	0.27

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-155922.1	-7127.0	-22.4	-34.1
sc Med	26	-155922.1	-7127.0	-22.4	-26.3
st	24	-155922.1	-7127.0	-22.4	-271.1
sc	26	-155922.1	-7127.0	-22.4	-505.8
Sommità					
sc Max	26	-155922.1	-7127.0	-22.4	-34.1
sc Med	26	-155922.1	-7127.0	-22.4	-26.3
st	24	-155922.1	-7127.0	-22.4	-271.1
sc	26	-155922.1	-7127.0	-22.4	-505.8

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{az} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{red} [kg]	V ₁₂ [kg]	V ₁₃ [kg]	V _{resistenza} [kg]	S/R
2386-2387	0.50	0.50	13	-9359.8	1.00	-9359.8	-46927.8	11356.6	62910.7	18719.9	0.0	0.50	0.0	0.50
2377-2381-2387	1.00	0.50	18	3749.1	1.00	3749.1	-100826.4	13186.4	129836.9	38634.6	0.0	0.10	0.0	0.10

▲ NUCLEO 13287 13943 6227 6226 / Nodi: 13287 13943 6227 6226

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
13287 13943	32	50	50	30	2x ø 20 15	2x ø 12 20
13943 6227	32	50	50	30	2x ø 20 15	2x ø 12 20
6226 6227	32	50	50	30	2x ø 20 15	2x ø 12 20

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-182640.6	23414.2	-3494.1	0.26
Sommità	1	-181909.3	17471.5	-2978.3	0.24

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-122714.2	14029.2	-2289.2	-41.2
sc Med	26	-122714.2	14029.2	-2289.2	-20.8
st	20	-136290.8	17036.8	-2608.3	0.6
sc	26	-122714.2	14029.2	-2289.2	-596.8
Sommità					
sc Max	26	-122714.2	14029.2	-2289.2	-41.2
sc Med	26	-122714.2	14029.2	-2289.2	-20.8
st	20	-136290.8	17036.8	-2608.3	0.6
sc	26	-122714.2	14029.2	-2289.2	-596.8

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{az} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{red} [kg]	V ₁₂ [kg]	V ₁₃ [kg]	V _{resistenza} [kg]	S/R
6226-6227	0.50	0.50	13	-895.9	1.00	-895.9	-46197.9	20577.6	62910.7	18719.9	0.0	0.46	0.0	0.46
13287-13943-6227	1.00	0.50	18	6152.0	1.00	6152.0	-98782.6	-19213.3	129836.9	38634.6	0.0	0.16	0.0	0.16

▲ NUCLEO 2078 2082 2088 2087 / Nodi: 2078 2082 2088 2087

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
2078 2082	22	50	50	30	2x ø 20 15	2x ø 12 20
2082 2088	22	50	50	30	2x ø 20 15	2x ø 12 20
2087 2088	22	50	50	30	2x ø 20 15	2x ø 12 20

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-234009.2	-2207.8	-1041.3	0.24
Sommità	1	-233278.0	-7305.6	-508.7	0.25

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-157047.1	-1040.1	-712.2	-28.4
sc Med	26	-157047.1	-1040.1	-712.2	-26.6
st	24	-157047.1	-1040.1	-712.2	-380.9
sc	26	-157047.1	-1040.1	-712.2	-425.8
Sommità					
sc Max	26	-157047.1	-1040.1	-712.2	-28.4
sc Med	26	-157047.1	-1040.1	-712.2	-26.6
st	24	-157047.1	-1040.1	-712.2	-380.9
sc	26	-157047.1	-1040.1	-712.2	-425.8

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{az} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{red} [kg]	V ₁₂ [kg]	V ₁₃ [kg]	V _{resistenza} [kg]	S/R
2087-2088	0.50	0.50	16	3804.3	1.00	3804.3	-54100.6	18878.3	62910.7	18719.9	0.0	0.20	0.0	0.20
2078-2082-2088	1.00	0.50	19	13401.3	1.00	13401.3	-102560.7	3141.2	129836.9	38634.6	0.0	0.35	0.0	0.35

▲ NUCLEO 2228 2232 2238 2237 / Nodi: 2228 2232 2238 2237

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
2228 2232	22	50	50	30	2x ø 20 15	2x ø 12 20
2232 2238	22	50	50	30	2x ø 20 15	2x ø 12 20
2237 2238	22	50	50	30	2x ø 20 15	2x ø 12 20

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-233278.0	-7305.5	-509.2	0.25
Sommità	1	-232546.7	-12403.1	22.9	0.26

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-156484.6	-4083.6	-367.3	-30.1
sc Med	26	-156484.6	-4083.6	-367.3	-26.5
st	24	-156484.6	-4083.6	-367.3	-331.9
sc	26	-156484.6	-4083.6	-367.3	-449.9
Sommità					
sc Max	26	-156484.6	-4083.6	-367.3	-30.1
sc Med	26	-156484.6	-4083.6	-367.3	-26.5
st	24	-156484.6	-4083.6	-367.3	-331.9
sc	26	-156484.6	-4083.6	-367.3	-449.9

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{az} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{red} [kg]	V ₁₂ [kg]	V ₁₃ [kg]	V _{resistenza} [kg]	S/R
2237-2238	0.50	0.50	13	3279.0	1.00	-3279.0	-48453.4	13324.6	62910.7	18719.9	0.0	0.18	0.0	0.18
2228-2232-2238	1.00	0.50	19	11861.9	1.00	11861.9	-96481.3	6894.2	129836.9	38634.6	0.0	0.31	0.0	0.31

▲ NUCLEO 2826 2830 2836 2835 / Nodi: 2826 2830 2836 2835

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura	
					Verticale	Orizzontale
2826 2830	32	50	50	30	2x ø 20 15	2x ø 12 20
2830 2836	32	50	50	30	2x ø 20 15	2x ø 12 20
2835 2836	32	50	50	30	2x ø 20 15	2x ø 12 20

Sezione	Comb.	N _{ed} [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	Sd/Sr
Base	1	-180446.8	5586.3	-1946.8	0.20
Sommità	1	-179715.6	-356.4	-1430.9	0.19

S.L.E.	Combinazione	N [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-121026.7	3319.5	-1293.3	-26.4
sc Med	26	-121026.7	3319.5	-1293.3	-20.5
st	24	-121026.7	3319.5	-1293.3	-214.2
sc	26	-121026.7	3319.5	-1293.3	-387.6
Sommità					
sc Max	26	-121026.7	3319.5	-1293.3	-26.4
sc Med	26	-121026.7	3319.5	-1293.3	-20.5
st	24	-121026.7	3319.5	-1293.3	-214.2
sc	26	-121026.7	3319.5	-1293.3	-387.6

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ed} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{1,2} [kgm]	V _{ed} [kg]	V _{ed} [kg]	V _{ed,corretto} [kg]	S/R
2835-2836	0.50	0.50	16	4176.2	1.00	4176.2	30647.3	8833.6	62910.7	18719.9	0.0	0.22
2826-2830-2836	1.00	0.50	19	14641.0	1.00	14641.0	88430.6	-3284.5	129836.9	38634.6	0.0	0.38

▲ NUCLEO 2975 2979 2985 2984 / Nodi: 2975 2979 2985 2984

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura	
					Verticale	Orizzontale
2975 2979	32	50	50	30	2x ø 20 15	2x ø 12 20
2979 2985	32	50	50	30	2x ø 20 15	2x ø 12 20
2984 2985	32	50	50	30	2x ø 20 15	2x ø 12 20

Sezione	Comb.	N _{ed} [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	Sd/Sr
Base	1	-179715.6	-356.3	-1430.9	0.19
Sommità	1	-178984.3	-6298.9	-915.1	0.19

S.L.E.	Combinazione	N [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-120464.2	-250.4	-961.2	-22.9
sc Med	26	-120464.2	-250.4	-961.2	-20.4
st	24	-120464.2	-250.4	-961.2	-278.4
sc	26	-120464.2	-250.4	-961.2	-343.1
Sommità					
sc Max	26	-120464.2	-250.4	-961.2	-22.9
sc Med	26	-120464.2	-250.4	-961.2	-20.4
st	24	-120464.2	-250.4	-961.2	-278.4
sc	26	-120464.2	-250.4	-961.2	-343.1

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ed} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{1,2} [kgm]	V _{ed} [kg]	V _{ed} [kg]	V _{ed,corretto} [kg]	S/R
2984-2985	0.50	0.50	16	4177.2	1.00	4177.2	37368.3	12088.5	62910.7	18719.9	0.0	0.22
2975-2979-2985	1.00	0.50	19	14635.8	1.00	14635.8	81926.8	816.0	129836.9	38634.6	0.0	0.38

▲ NUCLEO 2527 2531 2537 2536 / Nodi: 2527 2531 2537 2536

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura	
					Verticale	Orizzontale
2527 2531	32	50	50	30	2x ø 20 15	2x ø 12 20
2531 2537	32	50	50	30	2x ø 20 15	2x ø 12 20
2536 2537	32	50	50	30	2x ø 20 15	2x ø 12 20

Sezione	Comb.	N _{ed} [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	Sd/Sr
Base	1	-181910.3	17471.6	-2978.3	0.24
Sommità	1	-181178.1	11529.0	-2462.6	0.22

S.L.E.	Combinazione	N [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-122151.7	10459.3	-1957.1	-36.2
sc Med	26	-122151.7	10459.3	-1957.1	-20.7
st	20	-135728.3	12710.0	-2223.0	-77.1
sc	26	-122151.7	10459.3	-1957.1	-527.0
Sommità					
sc Max	26	-122151.7	10459.3	-1957.1	-36.2
sc Med	26	-122151.7	10459.3	-1957.1	-20.7
st	20	-135728.3	12710.0	-2223.0	-77.1
sc	26	-122151.7	10459.3	-1957.1	-527.0

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ec} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{ed} [kg]	V _{ed,corretto} [kg]	S/R	
2536-2537	0.50	0.50	13	-3660.5	1.00	-3660.5	18711.4	62910.7	18719.9	0.0	0.20	
2527-2531-2537	1.00	0.50	19	12983.5	1.00	12983.5	-101604.6	-11432.3	129836.9	38634.6	0.0	0.34

▲ NUCLEO 2676 2680 2686 2685 / Nodi: 2676 2680 2686 2685

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura	
					Verticale	Orizzontale
2676 2680	32	50	50	30	2x ø 20 15	2x ø 12 20
2680 2686	32	50	50	30	2x ø 20 15	2x ø 12 20
2685 2686	32	50	50	30	2x ø 20 15	2x ø 12 20

Sezione	Comb.	N _{ed} [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	Sd/Sr
Base	1	-181178.1	11529.1	-2463.0	0.22
Sommità	1	-180446.8	5586.3	-1946.7	0.20

S.L.E.	Combinazione	N [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-121589.2	6889.4	-1625.4	-31.3
sc Med	26	-121589.2	6889.4	-1625.4	-20.6
st	24	-121589.2	6889.4	-1625.4	-150.0
sc	26	-121589.2	6889.4	-1625.4	-457.3
Sommità					
sc Max	26	-121589.2	6889.4	-1625.4	-31.3
sc Med	26	-121589.2	6889.4	-1625.4	-20.6
st	24	-121589.2	6889.4	-1625.4	-150.0
sc	26	-121589.2	6889.4	-1625.4	-457.3

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ed} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{1,2} [kgm]	V _{ed} [kg]	V _{ed} [kg]	V _{ed,corretto} [kg]	S/R
2685-2686	0.50	0.50	16	4031.2	1.00	4031.2	-2392.6	5585.7	62910.7	18719.9	0.0	0.22
2676-2680-2686	1.00	0.50	19	14514.4	1.00	14514.4	-95019.3	-7358.6	129836.9	38634.6	0.0	0.38

▲ NUCLEO 3424 3428 3434 3433 / Nodi: 3424 3428 3434 3433

▲Armature Nucleo

Nodi		Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
3424 3428	32	50	50	30	2x ø 20 15	2x ø 12 20	
3428 3434	32	50	50	30	2x ø 20 15	2x ø 12 20	
3433 3434	32	50	50	30	2x ø 20 15	2x ø 12 20	

Sezione		Comb.	N _{rel} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1		-177521.8	-18384.1	1165	0.22
Sommità	17		-114356.3	-21365.0	11529.4	0.26

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-118776.7	-10960.0	35.1	-32.1
sc Med	26	-118776.7	-10960.0	35.1	-20.0
st	20	-132353.3	-13250.9	87.1	-102.3
sc	26	-118776.7	-10960.0	35.1	-472.8
Sommità					
sc Max	26	-118776.7	-10960.0	35.1	-32.1
sc Med	26	-118776.7	-10960.0	35.1	-20.0
st	20	-132353.3	-13250.9	87.1	-102.3
sc	26	-118776.7	-10960.0	35.1	-472.8

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{dc} [kg]	α	V _{rel} [kg]	N _{rel} [kg]	M ₁₂ [kgm]	V _{rel} [kg]	V _{rel} [kg]	V _{rel} [kg]	S/R
3433-3434	0.50	0.50	13	-10185.4	1.00	-10185.4	-36349.8	7551.8	62910.7	18719.9	0.0	0.54
3424-3428-3434	1.00	0.50	18	4182.5	1.00	4182.5	-72377.1	15800.5	129836.9	38634.6	0.0	0.11

▲ NUCLEO 13387 14043 6327 6326 / Nodi: 13387 14043 6327 6326

▲Armature Nucleo

Nodi		Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
13387 14043	42	50	50	30	2x ø 20 15	2x ø 12 20	
14043 6327	42	50	50	30	2x ø 20 15	2x ø 12 20	
6326 6327	42	50	50	30	2x ø 20 15	2x ø 12 20	

Sezione		Comb.	N _{rel} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	17		-82779.4	24787.6	-12348.6	0.25
Sommità	1		-126402.2	22733.0	-2153.1	0.21

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-85142.5	18490.3	-1642.2	-40.2
sc Med	26	-85142.5	18490.3	-1642.2	-16.2
st	26	-85142.5	18490.3	-1642.2	143.6
sc	26	-85142.5	18490.3	-1642.2	-579.8
Sommità					
sc Max	26	-85142.5	18490.3	-1642.2	-40.2
sc Med	26	-85142.5	18490.3	-1642.2	-16.2
st	26	-85142.5	18490.3	-1642.2	143.6
sc	26	-85142.5	18490.3	-1642.2	-579.8

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{dc} [kg]	α	V _{rel} [kg]	N _{rel} [kg]	M ₁₂ [kgm]	V _{rel} [kg]	V _{rel} [kg]	V _{rel} [kg]	S/R
6326-6327	0.50	0.50	13	-9545.6	1.00	-9545.6	-30320.5	15616.5	62910.7	18719.9	0.0	0.50
13387-14043-6327	1.00	0.50	18	6022.6	1.00	6022.6	-74646.3	-21083.7	129836.9	38634.6	0.0	0.16

▲ NUCLEO 3125 3129 3135 3134 / Nodi: 3125 3129 3135 3134

▲Armature Nucleo

Nodi		Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
3125 3129	32	50	50	30	2x ø 20 15	2x ø 12 20	
3129 3135	32	50	50	30	2x ø 20 15	2x ø 12 20	
3134 3135	32	50	50	30	2x ø 20 15	2x ø 12 20	

Sezione		Comb.	N _{rel} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1		-178984.3	-6298.7	-915.9	0.19
Sommità	1		-178253.1	-12241.6	-399.3	0.20

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-119901.7	-3820.2	-629.3	-23.1
sc Med	26	-119901.7	-3820.2	-629.3	-20.3
st	24	-119901.7	-3820.2	-629.3	-248.2
sc	26	-119901.7	-3820.2	-629.3	-345.4
Sommità					
sc Max	26	-119901.7	-3820.2	-629.3	-23.1
sc Med	26	-119901.7	-3820.2	-629.3	-20.3
st	24	-119901.7	-3820.2	-629.3	-248.2
sc	26	-119901.7	-3820.2	-629.3	-345.4

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{dc} [kg]	α	V _{rel} [kg]	N _{rel} [kg]	M ₁₂ [kgm]	V _{rel} [kg]	V _{rel} [kg]	V _{rel} [kg]	S/R
3134-3135	0.50	0.50	16	4038.8	1.00	4038.8	-43980.8	11280.2	62910.7	18719.9	0.0	0.22
3125-3129-3135	1.00	0.50	19	14523.8	1.00	14523.8	-75376.7	4889.1	129836.9	38634.6	0.0	0.38

▲ NUCLEO 3274 3278 3284 3283 / Nodi: 3274 3278 3284 3283

▲Armature Nucleo

Nodi		Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
3274 3278	32	50	50	30	2x ø 20 15	2x ø 12 20	
3278 3284	32	50	50	30	2x ø 20 15	2x ø 12 20	
3283 3284	32	50	50	30	2x ø 20 15	2x ø 12 20	

Sezione		Comb.	N _{rel} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1		-178253.1	-12241.4	-399.7	0.20
Sommità	1		-177521.8	-18184.1	1161	0.22

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-119339.2	-7390.1	-297.2	-27.6
sc Med	26	-119339.2	-7390.1	-297.2	-20.2
st	24	-119339.2	-7390.1	-297.2	-178.5
sc	26	-119339.2	-7390.1	-297.2	-409.1
Sommità					
sc Max	26	-119339.2	-7390.1	-297.2	-27.6
sc Med	26	-119339.2	-7390.1	-297.2	-20.2
st	24	-119339.2	-7390.1	-297.2	-178.5
sc	26	-119339.2	-7390.1	-297.2	-409.1

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{dc} [kg]	α	V _{rel} [kg]	N _{rel} [kg]	M ₁₂ [kgm]	V _{rel} [kg]	V _{rel} [kg]	V _{rel} [kg]	S/R
3283-3284	0.50	0.50	13	-3627.3	1.00	-3627.3	-37758.9	9409.0	62910.7	18719.9	0.0	0.19
3274-3278-3284	1.00	0.50	19	12832.3	1.00	12832.3	-68843.3	8955.2	129836.9	38634.6	0.0	0.33

▲ NUCLEO 3872 3876 3882 3881 / Nodi: 3872 3876 3882 3881

▲Armature Nucleo

Nodi	Sezione		B	H	Spessore	Armatura	
	Numero	cm				Verticale	Orizzontale
3872 3876	42	50	50	30	2x ø 20 15	2x ø 12 20	
3876 3882	42	50	50	30	2x ø 20 15	2x ø 12 20	
3881 3882	42	50	50	30	2x ø 20 15	2x ø 12 20	

Sezione	Comb.	N _{tot} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-124939.7	8204.2	-1423.7	0.15
Sommità	1	-124208.5	939.9	-1059.5	0.13

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-83455.0	5073.3	-938.7	-21.7
sc Med	26	-83455.0	5073.3	-938.7	-14.1
st	23	-84384.9	5191.0	-956.4	-103.3
sc	26	-83455.0	5073.3	-938.7	-316.9
Sommità					
sc Max	26	-83455.0	5073.3	-938.7	-21.7
sc Med	26	-83455.0	5073.3	-938.7	-14.1
st	23	-84384.9	5191.0	-956.4	-103.3
sc	26	-83455.0	5073.3	-938.7	-316.9

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{sc} [kg]	α	V _{tot} [kg]	N _{tot} [kg]	M ₁₂ [kgm]	V _{tot} [kg]	V _{tot,corretto} [kg]	S/R			
				0.50	0.50	16	3738.4	1.00	3738.4	5952.0	62910.7	18719.9	0.0	0.20
3881-3882	0.50	0.50	16	3738.4	1.00	3738.4	-18203.4	5952.0	62910.7	18719.9			0.0	0.20
3872-3876-3882	1.00	0.50	19	15454.3	1.00	15454.3	-63829.6	-4392.8	129836.9	38634.6			0.0	0.40

▲ NUCLEO 4022 4026 4032 4031 / Nodi: 4022 4026 4032 4031

▲Armature Nucleo

Nodi	Sezione		B	H	Spessore	Armatura	
	Numero	cm				Verticale	Orizzontale
4022 4026	42	50	50	30	2x ø 20 15	2x ø 12 20	
4026 4032	42	50	50	30	2x ø 20 15	2x ø 12 20	
4031 4032	42	50	50	30	2x ø 20 15	2x ø 12 20	

Sezione	Comb.	N _{tot} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-124208.5	940.0	-1059.4	0.13
Sommità	1	-123477.2	-6324.4	-694.7	0.14

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-82892.5	601.0	-704.3	-16.1
sc Med	26	-82892.5	601.0	-704.3	-14.0
st	24	-82892.5	601.0	-704.3	-178.3
sc	26	-82892.5	601.0	-704.3	-240.4
Sommità					
sc Max	26	-82892.5	601.0	-704.3	-16.1
sc Med	26	-82892.5	601.0	-704.3	-14.0
st	24	-82892.5	601.0	-704.3	-178.3
sc	26	-82892.5	601.0	-704.3	-240.4

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{sc} critica	α	V _{tot} [kg]	N _{tot} [kg]	M ₁₂ [kgm]	V _{tot} [kg]	V _{tot,corretto} [kg]	S/R		
	4031-4032	0.50	0.50	16	3731.5	1.00	3731.5	-25099.9	8154.5	62910.7	18719.9	0.0	0.20
4022-4026-4032	4032-4026-4032	1.00	0.50	19	15438.6	1.00	15438.6	-57166.2	17.0	129836.9	38634.6	0.0	0.40

▲ NUCLEO 3573 3577 3583 3582 / Nodi: 3573 3577 3583 3582

▲Armature Nucleo

Nodi	Sezione		B	H	Spessore	Armatura	
	Numero	cm				Verticale	Orizzontale
3573 3577	42	50	50	30	2x ø 20 15	2x ø 12 20	
3577 3583	42	50	50	30	2x ø 20 15	2x ø 12 20	
3582 3583	42	50	50	30	2x ø 20 15	2x ø 12 20	

Sezione	Comb.	N _{tot} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-126402.2	22733.0	-2153.5	0.21
Sommità	1	-125671.0	15468.6	-1788.8	0.18

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-84580.0	14018.0	-1407.9	-33.6
sc Med	26	-84580.0	14018.0	-1407.9	-14.8
st	26	-84580.0	14018.0	-1407.9	-49.2
sc	26	-84580.0	14018.0	-1407.9	-485.9
Sommità					
sc Max	26	-84580.0	14018.0	-1407.9	-33.6
sc Med	26	-84580.0	14018.0	-1407.9	-14.8
st	26	-84580.0	14018.0	-1407.9	-49.2
sc	26	-84580.0	14018.0	-1407.9	-485.9

▲ Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{sc}	α	V	N _{sc}	M ₁₂	V _{tot}	V _{tot,corretto}	S/R
	[m]	[m]	critica	[kg]		[kg]	[kg]	[kgm]	[kg]	[kg]	
			0.50	13	-3609.1	1.00	-3609.1	-29570.6	13933.8	62910.7	18719.9
3582-3583	0.50	0.50	13	-3609.1	1.00	-3609.1	-29570.6	13933.8	62910.7	18719.9	0.0
3573-3577-3583	1.00	0.50	19	13685.6	1.00	13685.6	-77304.4	-13194.0	129836.9	38634.6	0.0
			0.50	13	-3609.1	1.00	-3609.1	-29570.6	13933.8	62910.7	0.35

▲ NUCLEO 3723 3727 3733 3732 / Nodi: 3723 3727 3733 3732

▲Armature Nucleo

Nodi	Sezione		B	H	Spessore	Armatura	
	Numero	cm				Verticale	Orizzontale
3723 3727	42	50	50	30	2x ø 20 15	2x ø 12 20	
3727 3733	42	50	50	30	2x ø 20 15	2x ø 12 20	
3732 3733	42	50	50	30	2x ø 20 15	2x ø 12 20	

Sezione	Comb.	N _{tot} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-125671.0	15468.6	-1788.6	0.18
Sommità	1	-124939.7	8204.3	-1423.9	0.15

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-84017.5	9545.6	-1173.3	-27.6
sc Med	26	-84017.5	9545.6	-1173.3	-14.3
st	20	-93542.9	11328.9	-1334.5	-20.0
sc	26	-84017.5	9545.6	-1173.3	-400.7
Sommità					
sc Max	26	-84017.5	9545.6	-1173.3	-27.6
sc Med	26	-84017.5	9545.6	-1173.3	-14.3
st	20	-93542.9	11328.9	-1334.5	-20.0
sc	26	-84017.5	9545.6	-1173.3	-400.7

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{crit} [kg]	α	V _{tot} [kg]	N _{tot} [kg]	M ₁₂ [kgm]	V _{tot} [kg]	V _{tot,corretto} [kg]	S/R		
	3732-3733	0.50	0.50	16	3603.4	1.00	3603.4	-11275.9	1936.8	62910.7	18719.9	0.0	0.19
	3723-3727-3733	1.00	0.50	19	15334.2	1.00	15334.2	-70595.1	-8779.4	129836.9	38634.6	0.0	0.40

▲ NUCLEO 4470 4474 4480 4479 / Nodi: 4470 4474 4480 4479

▲Armature Nucleo

Nodi		Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
4470-4474-4480	42	50	50	30	2x ø 20 15	2x ø 12 20	
	4470 4480	42	50	30	2x ø 20 15	2x ø 12 20	
	4479 4480	42	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr	
Base Sommità	17	-78818.7	-17270.3	7797.2	0.19		
	17	-78213.2	-23251.6	10634.0	0.24		

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]	
Base	26	-81.205.0	-12816.0	-1.0	-27.7	
	sc Max	26	-81.205.0	-12816.0	-1.0	-13.8
	sc Med	26	-81.205.0	-12816.0	-1.0	18.8
	sc	26	-81.205.0	-12816.0	-1.0	-405.7
Sommità	26	-81.205.0	-12816.0	-1.0	-27.7	
	sc Max	26	-81.205.0	-12816.0	-1.0	-13.8
	sc Med	26	-81.205.0	-12816.0	-1.0	18.8
	sc	26	-81.205.0	-12816.0	-1.0	-405.7

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _e [kg]	α	N _{el} [kg]	M _{el} [kg]	V _{ed} [kg]	V _{max} [kg]	S/R	
4479-4480	0.50	0.50	13	-10445.3	1.00	-25338.8	4004.5	62910.7	18719.9	0.0	0.56
4470-4474-4480	1.00	0.50	18	4507.8	1.00	45924.6	15789.3	129836.9	38634.6	0.0	0.12

▲ NUCLEO 13487 14143 6427 6426 / Nodi: 13487 14143 6427 6426

▲Armature Nucleo

Nodi		Sezione	Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r
13487-14143-6427	Base	17	-47025.8	30541.1	-13974.0	0.31	
	Sommità	17	-46538.0	21910.1	-10176.9	0.22	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione		Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	S_d/S_r	
13487-14143-6427	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
	52	50	50	30	2x ø 20 15	2x ø 12 20	
Sezione							

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]	
Base	26	-47548.8	23766.0	-2050.6	48.3	
	sc Max	26	-47548.8	23766.0	-2050.6	-16.6
	sc Med	26	-47548.8	23766.0	-2050.6	564.9
	sc	26	-47548.8	23766.0	-2050.6	-680.7
Sommità	26	-47548.8	23766.0	-2050.6	48.3	
	sc Max	26	-47548.8	23766.0	-2050.6	-16.6
	sc Med	26	-47548.8	23766.0	-2050.6	564.9
	sc	26	-47548.8	23766.0	-2050.6	-680.7

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ed} [kg]	α	N _{ed} [kg]	M _{ed} [kgm]	V _{ed} [kg]	V _{max} [kg]	S/R	V _{Relocamento}		
	6426-6427	0.50	13	-10841.9	1.00	-10841.9	-14662.4	62910.7	18719.9		0.0	0.58	
	13487-14143-6427	1.00	18	11071.6	1.00	11071.6	-52946.1	-24893.7	129836.9	38634.6		0.0	0.29

▲ NUCLEO 4171 4175 4181 4180 / Nodi: 4171 4175 4181 4180

▲Armature Nucleo

Nodi		Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
4171-4175-4181	42	50	50	30	2x ø 20 15'	2x ø 12 20'	0.14
	42	50	50	30	2x ø 20 15'	2x ø 12 20'	0.16
	42	50	50	30	2x ø 20 15'	2x ø 12 20'	0.14
Sezione		Comb.	N _u [kg]	M ₂ [kgm]	M ₁₃ [kgm]	Sd/Sr	
Base Sommità	1	-123477.2	-6324.5	-694.5	0.14		
	1	-122746.0	-13588.8	-330.2	0.16		

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]	
Base	26	-82330.0	-3871.4	-469.8	-17.1	
	sc Max	26	-82330.0	-3871.4	-469.8	-13.9
	sc Med	26	-82330.0	-3871.4	-469.8	-149.3
	sc	26	-82330.0	-3871.4	-469.8	-255.5
Sommità	26	-82330.0	-3871.4	-469.8	-17.1	
	sc Max	26	-82330.0	-3871.4	-469.8	-13.9
	sc Med	26	-82330.0	-3871.4	-469.8	-149.3
	sc	26	-82330.0	-3871.4	-469.8	-255.5

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ed} [kg]	α	N _{ed} [kg]	M _{ed} [kg]	V _{ed} [kg]	V _{max} [kg]	S/R _{calcolato}		
4180-4181	0.50	0.50	16	3584.4	1.00	3584.4	-31932.2	11211.8	62910.7	18719.9	0.0	0.19
4171-4175-4181	1.00	0.50	19	15302.0	1.00	15302.0	-50479.7	4420.4	129836.9	38634.6	0.0	0.40

▲ NUCLEO 4321 4325 4331 4330 / Nodi: 4321 4325 4331 4330

▲Armature Nucleo

Nodi		Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
4321-4325-4331	42	50	50	30	2x ø 20 15'	2x ø 12 20'	2x ø 12 20'
	42	50	50	30	2x ø 20 15'	2x ø 12 20'	2x ø 12 20'
	42	50	50	30	2x ø 20 15'	2x ø 12 20'	2x ø 12 20'
Sezione		Comb.	N _u [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr	
Base Sommità	1 17	-122746.0 -78825.4	-13588.7 -17265.7	-330.2 7808.7	0.16 0.19		

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]	
	Base	26	-81.767.5	-8343.7	-235.4	-22.4
	sc Max	26	-81.767.5	-8343.7	-235.4	-13.8
	sc Med	26	-81.767.5	-8343.7	-235.4	62.0
	sc	26	-81.767.5	-8343.7	-235.4	-330.4
Sommità	Base	26	-81.767.5	-8343.7	-235.4	-22.4
	sc Max	26	-81.767.5	-8343.7	-235.4	-13.8
	sc Med	26	-81.767.5	-8343.7	-235.4	62.0
	sc	26	-81.767.5	-8343.7	-235.4	-330.4

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _e [kg]	α	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{max} [kg]	S/R		
4330-4331	0.50	0.50	13	-3557.5	1.00	-3557.5	-25989.7	5623.5	62910.7	18719.9	0.0	0.19
4321-4325-4331	1.00	0.50	19	13500.7	1.00	13500.7	-43804.5	8806.2	129836.9	38634.6	0.0	0.35

▲ NUCLEO 4919 4923 4929 4928 / Nodi: 4919 4923 4929 4928

▲ Armature Nucleo

Nodi	Sezione		B [cm]	H [cm]	Spessore [cm]	Armatura	
	Numero	Verticale				Verticale	Orizzontale
4919 4923	52	50	50	50	30	2x ø 20 15	2x ø 12 20
4923 4929	52	50	50	50	30	2x ø 20 15	2x ø 12 20
4928 4929	52	50	50	50	30	2x ø 20 15	2x ø 12 20

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-69345.1	5442.4	-942.5	0.09
Sommità	1	-68613.8	-5486.5	-180.5	0.08

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-45861.3	3364.5	-613.8	-12.7
sc Med	26	-45861.3	3364.5	-613.8	-7.8
st	23	-46136.9	3385.4	-653.5	-43.9
sc	26	-45861.3	3364.5	-613.8	-185.9
Sommità					
sc Max	26	-45861.3	3364.5	-613.8	-12.7
sc Med	26	-45861.3	3364.5	-613.8	-7.8
st	23	-46136.9	3385.4	-653.5	-43.9
sc	26	-45861.3	3364.5	-613.8	-185.9

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ed} [kg]	α critica	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	V _{ed} [kg]	V ₁₂ [kg]	V ₁₃ [kg]	V ₁₂ [kg]	V ₁₃ [kg]	V ₁₂ [kg]	V ₁₃ [kg]	S/R
4928-4929	0.50	0.50	16	4829.1	1.00	4829.1	-8662.3	2210.7	62910.7	18719.9	0.0	0.26	0.0	0.26	0.0	0.26
4919-4923-4929	1.00	0.50	19	21799.8	1.00	21799.8	-36470.4	-2349.7	129836.9	38634.6	0.0	0.56	0.0	0.56	0.0	0.56

▲ NUCLEO 5068 5072 5078 5077 / Nodi: 5068 5072 5078 5077

▲ Armature Nucleo

Nodi	Sezione		B [cm]	H [cm]	Spessore [cm]	Armatura	
	Numero	Verticale				Verticale	Orizzontale
5068 5072	52	50	50	50	30	2x ø 20 15	2x ø 12 20
5072 5078	52	50	50	50	30	2x ø 20 15	2x ø 12 20
5077 5078	52	50	50	50	30	2x ø 20 15	2x ø 12 20

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-68613.8	-5486.5	-180.5	0.08
Sommità	1	-67882.6	-16415.3	581.0	0.12

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-45298.8	-3436.0	-134.7	-11.1
sc Med	26	-45298.8	-3436.0	-134.7	-7.6
st	23	-45574.4	-3561.1	-175.0	-56.3
sc	26	-45298.8	-3436.0	-134.7	-164.5
Sommità					
sc Max	26	-45298.8	-3436.0	-134.7	-11.1
sc Med	26	-45298.8	-3436.0	-134.7	-7.6
st	23	-45574.4	-3561.1	-175.0	-56.3
sc	26	-45298.8	-3436.0	-134.7	-164.5

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ed} [kg]	α critica	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	V _{ed} [kg]	V ₁₂ [kg]	V ₁₃ [kg]	V ₁₂ [kg]	V ₁₃ [kg]	V ₁₂ [kg]	V ₁₃ [kg]	S/R
5077-5078	0.50	0.50	16	4815.6	1.00	4815.6	-18308.3	6393.3	62910.7	18719.9	0.0	0.26	0.0	0.26	0.0	0.26
5068-5072-5078	1.00	0.50	19	21801.2	1.00	21801.2	-27165.4	3832.0	129836.9	38634.6	0.0	0.56	0.0	0.56	0.0	0.56

▲ NUCLEO 4620 4624 4630 4629 / Nodi: 4620 4624 4630 4629

▲ Armature Nucleo

Nodi	Sezione		B [cm]	H [cm]	Spessore [cm]	Armatura	
	Numero	Verticale				Verticale	Orizzontale
4620 4624	52	50	50	50	30	2x ø 20 15	2x ø 12 20
4624 4630	52	50	50	50	30	2x ø 20 15	2x ø 12 20
4629 4630	52	50	50	50	30	2x ø 20 15	2x ø 12 20

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	17	-46422.3	21886.3	-10195.1	0.22
Sommità	1	-70076.3	16371.1	-1704.5	0.13

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-46986.3	16965.5	-1571.7	-34.8
sc Med	26	-46986.3	16965.5	-1571.7	-12.3
st	26	-46986.3	16965.5	-1571.7	-301.9
sc	26	-46986.3	16965.5	-1571.7	-493.9
Sommità					
sc Max	26	-46986.3	16965.5	-1571.7	-34.8
sc Med	26	-46986.3	16965.5	-1571.7	-12.3
st	26	-46986.3	16965.5	-1571.7	-301.9
sc	26	-46986.3	16965.5	-1571.7	-493.9

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ed} [kg]	α critica	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	V _{ed} [kg]	V ₁₂ [kg]	V ₁₃ [kg]	V ₁₂ [kg]	V ₁₃ [kg]	V ₁₂ [kg]	V ₁₃ [kg]	S/R
4629-4630	0.50	0.50	13	-4380.5	1.00	-4380.5	9517.3	62910.7	18719.9	0.0	0.23	0.0	0.23	0.0	0.23	0.0
4620-4624-4630	1.00	0.50	19	19872.8	1.00	19872.8	-54981.2	-14791.8	129836.9	38634.6	0.0	0.51	0.0	0.51	0.0	0.51

▲ NUCLEO 4769 4773 4779 4778 / Nodi: 4769 4773 4779 4778

▲ Armature Nucleo

Nodi	Sezione		B [cm]	H [cm]	Spessore [cm]	Armatura	
	Numero	Verticale				Verticale	Orizzontale
4769 4773	52	50	50	50	30	2x ø 20 15	2x ø 12 20
4773 4779	52	50	50	50	30	2x ø 20 15	2x ø 12 20
4778 4779	52	50	50	50	30	2x ø 20 15	2x ø 12 20

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-70076.3	16371.2	-1704.3	0.13
Sommità	1	-69345.1	5442.3	-942.5	0.09

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-46423.8	10165.0	-1092.6	-22.4
sc Med	26	-46423.8	10165.0	-1092.6	-9.0
st	26	-46423.8	10165.0	-1092.6	88.9
sc	26	-46423.8	10165.0	-1092.6	-322.5
Sommità					
sc Max	26	-46423.8	10165.0	-1092.6	-22.4
sc Med	26	-46423.8	10165.0	-1092.6	-9.0
st	26	-46423.8	10165.0	-1092.6	88.9
sc	26	-46423.8	10165.0	-1092.6	-322.5

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ed} [kg]	α critica	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	V _{ed} [kg]	V ₁₂ [kg]	V ₁₃ [kg]	V ₁₂ [kg]	V ₁₃ [kg]	V ₁₂ [kg]	V ₁₃ [kg]	S/R
4778-4779	0.50	0.50	16	4692.0	1.00	4692.0	-1964.6	62910.7	18719.9	0.0	0.25	0.0	0.25	0.0	0.25	0.0
4769-4773-4779	1.00	0.50	19	21681.7	1.00	21681.7	-45676.4	-8585.3	129836.9	38634.6	0.0	0.56	0.0	0.56	0.0	0.56

▲ NUCLEO 5517 5521 5527 5526 / Nodi: 5517 5521 5527 5526

▲ Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
5517 5521	52	50	50	30	2x ø 20.15	2x ø 12.20
5521 5527	52	50	50	30	2x ø 20.15	2x ø 12.20
5526 5527	52	50	50	30	2x ø 20.15	2x ø 12.20

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	17	-43028.2	-29852.2	12125.3	0.29
Sommità	17	-42533.4	-38437.8	15797.8	0.37

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-43611.3	-23837.4	1302.2	-44.6
sc Med	26	-43611.3	-23837.4	1302.2	-16.2
st	26	-43611.3	-23837.4	1302.2	696.1
sc	26	-43611.3	-23837.4	1302.2	-638.7
Sommità					
sc Max	26	-43611.3	-23837.4	1302.2	-44.6
sc Med	26	-43611.3	-23837.4	1302.2	-16.2
st	26	-43611.3	-23837.4	1302.2	696.1
sc	26	-43611.3	-23837.4	1302.2	-638.7

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{dc} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	V _{ed} [kg]	V ₁₂ [kg]	V ₁₃ [kg]	V ₁₂₊₁₃ [kg]	S/R
5526-5527	0.50	0.50	1	-14819.8	1.00	-14819.8	-50261.2	14100.1	62910.7	18719.9	0.0	0.79	
5517-5521-5527	1.00	0.50	18	74331.1	1.00	74331.1	-10444.0	26313.0	129836.9	38634.6	0.0	0.19	

▲ SETTI ISOLATI

▲ Setto : 81 477 478 82 / Sezione 12

▲ Armature su ogni faccia: Verticali : ø 20.15 [cm]. Orizzontali : ø 14.15 [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	17	-27211.7	0.0	-1380.6	0.09
Sommità	1	-20456.1	0.0	-3894.1	0.14

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-16825.7	0.0	-570.8	-13.1
sc Med	26	-16825.7	0.0	-570.8	-9.4
st	24	-16825.7	0.0	-570.8	-98.0
sc	26	-16825.7	0.0	-570.8	-185.2
Sommità					
sc Max	26	-16825.7	0.0	-570.8	-13.1
sc Med	26	-16825.7	0.0	-570.8	-9.4
st	24	-16825.7	0.0	-570.8	-98.0
sc	26	-16825.7	0.0	-570.8	-185.2

▲ Verifiche a Taglio

Nodi	Comb.	V _{dc} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	V _{ed} [kg]	V ₁₂ [kg]	V ₁₃ [kg]	V ₁₂₊₁₃ [kg]	S/R
81 478	1	18771.3	1.00	18771.3	-24089.1	-804.0	62910.7	3373.1	0.0	0.55	

▲ NUCLEO 5218 5222 5228 5227 / Nodi: 5218 5222 5228 5227

▲ Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
5218 5222	52	50	50	30	2x ø 20.15	2x ø 12.20
5222 5228	52	50	50	30	2x ø 20.15	2x ø 12.20
5227 5228	52	50	50	30	2x ø 20.15	2x ø 12.20

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-67882.5	-16415.4	581.2	0.12
Sommità	17	-43667.4	-21226.0	8465.9	0.20

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-44736.3	-10236.4	344.1	-20.2
sc Med	26	-44736.3	-10236.4	344.1	-8.9
st	26	-44736.3	-10236.4	344.1	91.0
sc	26	-44736.3	-10236.4	344.1	-292.1
Sommità					
sc Max	26	-44736.3	-10236.4	344.1	-20.2
sc Med	26	-44736.3	-10236.4	344.1	-8.9
st	26	-44736.3	-10236.4	344.1	91.0
sc	26	-44736.3	-10236.4	344.1	-292.1

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{dc} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	V _{ed} [kg]	V ₁₂ [kg]	V ₁₃ [kg]	V ₁₂₊₁₃ [kg]	S/R
5227-5228	0.50	0.50	16	4602.8	1.00	4602.8	-27868.2	10528.6	62910.7	18719.9	0.0	0.25	
5218-5222-5228	1.00	0.50	19	21600.2	1.00	21600.2	-17957.4	10034.6	129836.9	38634.6	0.0	0.56	

▲ NUCLEO 5367 5371 5377 5376 / Nodi: 5367 5371 5377 5376

▲ Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
5367 5371	52	50	50	30	2x ø 20.15	2x ø 12.20
5371 5377	52	50	50	30	2x ø 20.15	2x ø 12.20
5376 5377	52	50	50	30	2x ø 20.15	2x ø 12.20

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	17	-43619.4	-21226.9	8454.2	0.20
Sommità	17	-42906.4	-29864.4	12123.1	0.29

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-44173.8	-17036.9	823.3	-32.1
sc Med	26	-44173.8	-17036.9	823.3	-12.4
st	26	-44173.8	-17036.9	823.3	363.6
sc	26	-44173.8	-17036.9	823.3	-460.9
Sommità					
sc Max	26	-44173.8	-17036.9	823.3	-32.1
sc Med	26	-44173.8	-17036.9	823.3	-12.4
st	26	-44173.8	-17036.9	823.3	363.6
sc	26	-44173.8	-17036.9	823.3	-460.9

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{dc} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	V _{ed} [kg]	V ₁₂ [kg]	V ₁₃ [kg]	V ₁₂₊₁₃ [kg]	S/R
5376-5377	0.50	0.50	13	4610.1	1.00	4610.1	-16751.1	948.8	62910.7	18719.9	0.0	0.25	
5367-5371-5377	1.00	0.50	19	19167.5	1.00	19167.5	-8744.6	16222.6	129836.9	38634.6	0.0	0.50	

Base	1	-33136.3	0.0	-148.7	0.09
Sommità	1	-31538.0	0.0	-2765.1	0.13

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-22739.9	0.0	-105.1	-13.4
sc Med	26	-22739.9	0.0	-105.1	-12.8
st	24	-22739.9	0.0	-105.1	-183.3
sc	26	-22739.9	0.0	-105.1	-199.4
Sommità					
sc Max	26	-22739.9	0.0	-105.1	-13.4
sc Med	26	-22739.9	0.0	-105.1	-12.8
st	24	-22739.9	0.0	-105.1	-183.3
sc	26	-22739.9	0.0	-105.1	-199.4

▲Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	V_{ed} [kg]	N_{ed} [kg]	M_{ed} [kg]	V_{red} [kg]	$V_{ed, \text{verificato}}$ [kg]	V_s / V_g
768 915	1	11638.3	1.00	11638.3	-33136.3	-148.7	62910.7	33973.1	103377.0 0.34

▲Setto : 914 1059 1060 915 / Sezione 12

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-33304.8	0.0	-92.7	0.09
Sommità	1	-32013.8	0.0	-2426.8	0.13

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-22744.0	0.0	-64.5	-13.2
sc Med	26	-22744.0	0.0	-64.5	-12.8
st	24	-22744.0	0.0	-64.5	-186.4
sc	26	-22744.0	0.0	-64.5	-196.3
Sommità					
sc Max	26	-22744.0	0.0	-64.5	-13.2
sc Med	26	-22744.0	0.0	-64.5	-12.8
st	24	-22744.0	0.0	-64.5	-186.4
sc	26	-22744.0	0.0	-64.5	-196.3

▲Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	V_{ed} [kg]	N_{ed} [kg]	M_{ed} [kg]	V_{red} [kg]	V_{red} V _{elastoreson.} [kg]	V_d/V_e
914 1060	1	10066.9	1.00	10066.9	-33304.8	-92.7	62910.7	33973.1	103377.0 0.30

▲Setto : 1059 1205 1206 1060 / Sezione 12

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-33714.9	0.0	-48.6	0.09
Sommità	1	-32661.7	0.0	-2206.0	0.12

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-22893.7	0.0	-33.0	-13.1

▲Setto : 477 623 624 478 / Sezione 12

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	17	-28508.0	0.0	-1040.4	0.09
Sommità	1	-27894.4	0.0	-4167.6	0.16

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-19848.3	0.0	-540.0	-14.6
sc Med	26	-19848.3	0.0	-540.0	-11.1
st	24	-19848.3	0.0	-540.0	-125.7
sc	26	-19848.3	0.0	-540.0	-208.2
Sommità					
sc Max	26	-19848.3	0.0	-540.0	-14.6
sc Med	26	-19848.3	0.0	-540.0	-11.1
st	24	-19848.3	0.0	-540.0	-125.7
sc	26	-19848.3	0.0	-540.0	-208.2

▲Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	$V_{e,d}$ [kg]	$N_{e,d}$ [kg]	$M_{e,d}$ [kg]	$V_{e,d}$ [kg]	$V_{e,d} V_{e,elastoreson.}$ [kg]	V_d / V_e
477 624	1	19704.6	1.00	19704.6	-28623.0	-769.0	62910.7	33973.1	103377.0 0.58

▲Setto : 623 768 769 624 / Sezione 12

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-32907.6	0.0	-362.3	0.09
Sommità	1	-30867.0	0.0	-3352.1	0.14

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-22691.5	0.0	-254.4	-14.4
sc Med	26	-22691.5	0.0	-254.4	-12.7
st	24	-22691.5	0.0	-254.4	-171.5
sc	26	-22691.5	0.0	-254.4	-210.4
Sommità					
sc Max	26	-22691.5	0.0	-254.4	-14.4
sc Med	26	-22691.5	0.0	-254.4	-12.7
st	24	-22691.5	0.0	-254.4	-171.5
sc	26	-22691.5	0.0	-254.4	-210.4

▲Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	$V_{e,d}$ [kg]	$N_{e,d}$ [kg]	$M_{e,d}$ [kg]	$V_{e,d}$ [kg]	$V_{e,d}$ $V_{e,elastoreson}$ [kg]	V_s/V_e
623 769	1	14810.7	1.00	14810.7	-32907.6	-362.3	62910.7	33973.1	103377.0 0.44

▲Setto : 768 914 915 769 / Sezione 12

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr

▲ Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{red,corretto} [kg]	V _e [kg]
1350 6733	17	6443.5	1.00	6443.5	-16541.3	906.9	62910.7	33973.1	9929.24
									0.19

▲ Setto : 18375 1495 1496 6733 / Sezione 22

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	17	-28448.8	0.0	-1285.3	-1495.1	0.10
Sommità	17	-31561.5	0.0	-1495.1	0.11	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-22415.1	0.0	54.7	-12.4
sc Med	26	-22415.1	0.0	54.7	-12.0
st	24	-22415.1	0.0	54.7	-176.0
sc	26	-22415.1	0.0	54.7	-184.4
Sommità					
sc Max	26	-22415.1	0.0	54.7	-12.4
sc Med	26	-22415.1	0.0	54.7	-12.0
st	24	-22415.1	0.0	54.7	-176.0
sc	26	-22415.1	0.0	54.7	-184.4

▲ Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{red,corretto} [kg]	V _e [kg]
18375 1496	16	9412.1	1.00	9412.1	-25529.5	-803.0	62910.7	18719.9	103377.0
									0.50

▲ Setto : 1495 1645 1646 1496 / Sezione 22

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	17	-29504.9	0.0	-279.4	0.08	
Sommità	17	-28011.7	0.0	-1503.6	0.10	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-19935.8	0.0	49.2	-11.5
sc Med	26	-19935.8	0.0	49.2	-11.2
st	24	-19935.8	0.0	49.2	-164.0
sc	26	-19935.8	0.0	49.2	-171.5
Sommità					
sc Max	26	-19935.8	0.0	49.2	-11.5
sc Med	26	-19935.8	0.0	49.2	-11.2
st	24	-19935.8	0.0	49.2	-164.0
sc	26	-19935.8	0.0	49.2	-171.5

▲ Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{red,corretto} [kg]	V _e [kg]
1495 1646	16	7764.3	1.00	7764.3	-26428.5	182.9	62910.7	18719.9	103377.0
									0.41

sc Med	26	-22893.7	0.0	-33.0	-12.8	
st	24	-22893.7	0.0	-33.0	-190.1	
sc	26	-22893.7	0.0	-33.0	-195.1	
Sommità						
sc Max	26	-22893.7	0.0	-33.0	-13.1	
sc Med	26	-22893.7	0.0	-33.0	-12.8	
st	24	-22893.7	0.0	-33.0	-190.1	
sc	26	-22893.7	0.0	-33.0	-195.1	

▲ Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{red,corretto} [kg]	V _e [kg]
1059 1206	1	9012.2	1.00	9012.2	-33714.9	-48.6	62910.7	33973.1	103377.0
									0.27

▲ Setto : 1205 1350 1351 1206 / Sezione 12

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-34797.2	0.0	-125.8	0.10	
Sommità	1	-34133.3	0.0	-1863.5	0.12	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-23458.1	0.0	-67.7	-13.6
sc Med	26	-23458.1	0.0	-67.7	-13.2
st	24	-23458.1	0.0	-67.7	-192.2
sc	26	-23458.1	0.0	-67.7	-202.6
Sommità					
sc Max	26	-23458.1	0.0	-67.7	-13.6
sc Med	26	-23458.1	0.0	-67.7	-13.2
st	24	-23458.1	0.0	-67.7	-192.2
sc	26	-23458.1	0.0	-67.7	-202.6

▲ Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{red,corretto} [kg]	V _e [kg]
1205 1351	1	7943.6	1.00	7943.6	-34797.2	-125.8	62910.7	33973.1	103377.0
									0.23

▲ Setto : 1350 18375 6733 1351 / Sezione 12

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	-33923.5	0.0	-1539.9	0.11	
Sommità	17	-27856.7	0.0	-2397.7	0.12	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-25324.7	0.0	-318.9	-16.3
sc Med	26	-25324.7	0.0	-318.9	-14.2
st	24	-25324.7	0.0	-318.9	-188.7
sc	26	-25324.7	0.0	-318.9	-237.4
Sommità					
sc Max	26	-25324.7	0.0	-318.9	-16.3
sc Med	26	-25324.7	0.0	-318.9	-14.2
st	24	-25324.7	0.0	-318.9	-188.7
sc	26	-25324.7	0.0	-318.9	-237.4

Base	1	-287516	0.0	15.2	0.08
Sommità	1	-283006	0.0	-957.1	0.09

S.I.E.	Combinazione	N [kg]	M ₂ [kgm]	M ₃ [kgm]	σ [kg cm ⁻¹]
	Basse				
	sc Max	26	-19627.1	0.0	11.5
	sc Med	26	-19627.1	0.0	11.5
	sc Min	26	-19627.1	0.0	11.5
	st	24	-19627.1	0.0	11.5
	sc	26	-19627.1	0.0	11.5
	Somma				
	sc Max	26	-19627.1	0.0	11.5
	sc Med	26	-19627.1	0.0	11.5
	sc Min	24	-19627.1	0.0	11.5
	st	26	-19627.1	0.0	11.5
	sc	26	-19627.1	0.0	11.5

[illegible]

▲ Verifiche a Taglio

▲Setto : 2093 2243 2244 2094 / Sezione 22

▲Arnature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{Ed} [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	Sd/Sr
Base	1	-29589.1	0.0	12.1	0.08
Sommità	1	-29307.3	0.0	-826.6	0.09

S.L.E.	Combinazione	N [kg]	M ₅₀ [kgm]	M ₁₀ [kgm]	σ [cm ²]
Base	sc Max	26	-20073.9	0.0	9.8
	sc Med	26	-20073.9	0.0	9.8
	sc Min	24	-20073.9	0.0	9.8
	st	26	-20073.9	0.0	9.8
	sc	26	-20073.9	0.0	9.8
	sc	26	-20073.9	0.0	9.8
Sommita	sc Max	26	-20073.9	0.0	9.8
	sc Med	26	-20073.9	0.0	9.8
	sc Min	24	-20073.9	0.0	9.8
	st	26	-20073.9	0.0	9.8
	sc	26	-20073.9	0.0	9.8
	sc	26	-20073.9	0.0	9.8

Nodi	Comb.	V_d [kg]	α	V_{ed} [kg]	N_{id} [kg]	M_{id} [kg]	V_{red} [kg]	V_{red}	V_d/V_{red}	V_{red} , scimmato [kg]	V_d/V_e
2093 2244	16	6680.9	1.00	6680.9	-22849.6	29.4	62910.7	18719.9	103377.0	0.36	

▲ Verifiche a Taglio

▲Setto : 2243 2392 2393 2244 / Sezione 22

▲Arnature su ogni faccia: Verticali : $\varnothing 20\ 15'$ [cm], Orizzontali : $\varnothing 12\ 20'$ [cm]

Sezione	Comb.	N ₁₀ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-31243.7	0.0	-170.4	0.09
Sommità	1	-31359.9	0.0	-384.5	0.09

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
	Base				
	sc Max	26	-21040.5	0.0	-97.9
					-12.4

Sezione	Comb.	N _d [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-28240.1	0.0	41.5	0.08
Sommità	16	-23434.8	0.0	-1776.7	0.09

S.L.E.	Combinazione	N [kg]	M ₂ [kgm]	M ₃ [kgm]	σ [kg/cm ²]
Base	sc Max	26	-19544,8	0,0	27,3
	sc Med	26	-19544,8	0,0	27,3
	sc	26	-19544,8	0,0	27,3
	sc	26	-19544,8	0,0	27,3
Sommità	sc Max	26	-19544,8	0,0	27,3
	sc Med	26	-19544,8	0,0	27,3
	sc	24	-19544,8	0,0	27,3
	sc	26	-19544,8	0,0	27,3

Nodi	Comb.	V_d [kg]	α	V_{el} [kg]	N_{el} [kg]	M_{el} [kg]	V_{red} [kg]	V_{red} [kg]	$V_{rel.conformito}$ [kg]	V_d/V_k	
1645	1795	16	7185.4	1.00	7185.4	-24610.2	-24.0	62910.7	18719.9	103377.0	0.38

▲ Verifiche a Taglio

▲Setto : 1794 1944 1945 1795 / Sezione 22

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _d [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-28342.8	0.0	29.5	0.08
Sommità	1	-27804.7	0.0	-1031.7	0.09

S.L.E.	Combinazione	N	M ₂₀ [μgm]	M ₅₀ [μgm]	σ [log(μm ²)]
Base					
	sc Max	26	-19467.4	0.0	19.5
	sc Med	26	-19467.4	0.0	19.5
	sc	24	-19467.4	0.0	19.5
Sommità					
	sc Max	26	-19467.4	0.0	19.5
	sc Med	26	-19467.4	0.0	19.5
	sc	26	-19467.4	0.0	19.5

Nodi	Comb.	V_d [kg]	α	V_{ed} [kg]	N_{ed} [kg]	M_{ed} [kg]	V_{red} [kg]	V_{red} [kg]	$V_{ed,confirma}$ [kg]	V_d/V_{ed}
1794	1945	69760	1.00	69760	-23448.4	-20.4	629107	187199	1033777.0	0.37

▲ Verifiche a Taglio

▲Setto : 1944 2093 2094 1945 / Sezione 22

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

[illegible]

sc Med	26	-21040.5	0.0	-97.9	-11.8
st	24	-21040.5	0.0	-97.9	-169.5
sc	26	-21040.5	0.0	-97.9	-184.6
Sommila					
sc Max	26	-21040.5	0.0	-97.9	-12.4
sc Med	26	-21040.5	0.0	-97.9	-11.8
st	24	-21040.5	0.0	-97.9	-169.5
sc	26	-21040.5	0.0	-97.9	-184.6

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{red}	V _{red}	V _d
2243.2393	16	6370.3	1.00	6370.3	-19212.4	782	62910.7	18719.9	102197.1	0.34		

▲Setto : 2392 6232 6333 2393 / Sezione 22

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	-32856.3	0.0	-1737.2	0.11
Sommila	12	-28657.5	0.0	3073.2	0.13

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-24115.1	0.0	-568.3	-17.2
sc Med	26	-24115.1	0.0	-568.3	-13.5
st	24	-24115.1	0.0	-568.3	-159.2
sc	26	-24115.1	0.0	-568.3	-246.6
Sommila					
sc Max	26	-24115.1	0.0	-568.3	-17.2
sc Med	26	-24115.1	0.0	-568.3	-13.5
st	24	-24115.1	0.0	-568.3	-159.2
sc	26	-24115.1	0.0	-568.3	-246.6

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{red}	V _{red}	V _d
2392.6333	13	-5981.8	1.00	-5981.8	-28510.6	-1293.1	62910.7	18719.9	103377.0	0.32		

▲Setto : 6232 2542 2543 6333 / Sezione 32

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-23772.2	0.0	682.5	0.07
Sommila	16	-19520.3	0.0	-1627.4	0.08

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-16589.0	0.0	382.2	-11.8
sc Med	26	-16589.0	0.0	382.2	-9.3
st	23	-16773.3	0.0	403.5	-110.1
sc	26	-16589.0	0.0	382.2	-169.0
Sommila					
sc Max	26	-16589.0	0.0	382.2	-11.8
sc Med	26	-16589.0	0.0	382.2	-9.3
st	23	-16773.3	0.0	403.5	-110.1
sc	26	-16589.0	0.0	382.2	-169.0

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{red}	V _{red}	V _d
6232.2643	16	6470.8	1.00	6470.8	-18598.9	-381.0	62910.7	18719.9	102251.5	0.35		

▲Setto : 2542 2691 2692 2543 / Sezione 32

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-28970.6	0.0	212.8	0.06
Sommila	16	-19238.9	0.0	-1418.0	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-14808.8	0.0	126.7	-9.1
sc Med	26	-14808.8	0.0	126.7	-8.3
st	24	-14808.8	0.0	126.7	-114.9
sc	26	-14808.8	0.0	126.7	-134.3
Sommila					
sc Max	26	-14808.8	0.0	126.7	-9.1
sc Med	26	-14808.8	0.0	126.7	-8.3
st	24	-14808.8	0.0	126.7	-114.9
sc	26	-14808.8	0.0	126.7	-134.3

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{red}	V _{red}	V _d
2542.2692	16	5584.3	1.00	5584.3	-19116.8	-672	62910.7	18719.9	102124.2	0.30		

▲Setto : 2691 2841 2842 2692 / Sezione 32

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-21955.7	0.0	63.1	0.06
Sommila	16	-17302.4	0.0	-1348.6	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-15253.7	0.0	41.8	-8.8
sc Med	26	-15253.7	0.0	41.8	-8.6
st	24	-15253.7	0.0	41.8	-125.1
sc	26	-15253.7	0.0	41.8	-131.6
Sommila					
sc Max	26	-15253.7	0.0	41.8	-8.8
sc Med	26	-15253.7	0.0	41.8	-8.6
st	24	-15253.7	0.0	41.8	-125.1
sc	26	-15253.7	0.0	41.8	-131.6

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{red}	V _{red}	V _d
2691.2842	16	5311.7	1.00	5311.7	-18155.7	155	62910.7	18719.9	103742.2	0.28		

Base	1	-24977.9	0.0	15.9	0.07
Sommità	1	-24938.0	0.0	437.0	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-16914.2	0.0	12.0	-9.6
sc Med	26	-16914.2	0.0	12.0	-9.5
st	24	-16914.2	0.0	12.0	-141.4
sc	26	-16914.2	0.0	12.0	-143.2
Sommità					
sc Max	26	-16914.2	0.0	12.0	-9.6
sc Med	26	-16914.2	0.0	12.0	-9.5
st	24	-16914.2	0.0	12.0	-141.4
sc	26	-16914.2	0.0	12.0	-143.2

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{rd} [kg]	N _{rd} [kg]	M ₁₂ [kgm]	V _{red} [kg]	V _{rd,caricamento} [kg]	V _r [kg]
3140 3290	16	4861.4	1.00	4861.4	15716.1	31.7	62910.7	18719.9	100033.5
									0.26

▲Setto : 3289 3439 3440 3290 / Sezione 32

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{rd} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-27291.1	0.0	-243.5	0.08
Sommità	12	-23819.9	0.0	1020.0	0.08

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-18324.3	0.0	-148.5	-11.2
sc Med	26	-18324.3	0.0	-148.5	-10.3
st	24	-18324.3	0.0	-148.5	-142.8
sc	26	-18324.3	0.0	-148.5	-165.6
Sommità					
sc Max	26	-18324.3	0.0	-148.5	-11.2
sc Med	26	-18324.3	0.0	-148.5	-10.3
st	24	-18324.3	0.0	-148.5	-142.8
sc	26	-18324.3	0.0	-148.5	-165.6

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{rd} [kg]	N _{rd} [kg]	M ₁₂ [kgm]	V _{red} [kg]	V _{rd,caricamento} [kg]	V _r [kg]
3289 3440	16	4373.3	1.00	4373.3	16031.7	24.7	62910.7	18719.9	100212.8
									0.23

▲Setto : 3439 6236 6433 3440 / Sezione 32

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{rd} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	-32567.3	0.0	-1897.2	0.12
Sommità	12	-28162.7	0.0	3453.1	0.14

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-22583.3	0.0	-824.4	-18.0

▲Setto : 2841 2990 2991 2842 / Sezione 32

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{rd} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-22746.2	0.0	47.5	0.06
Sommità	1	-22447.1	0.0	436.7	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-15643.3	0.0	31.5	-9.0
sc Med	26	-15643.3	0.0	31.5	-8.8
st	24	-15643.3	0.0	31.5	-129.2
sc	26	-15643.3	0.0	31.5	-134.0
Sommità					
sc Max	26	-15643.3	0.0	31.5	-9.0
sc Med	26	-15643.3	0.0	31.5	-8.8
st	24	-15643.3	0.0	31.5	-129.2
sc	26	-15643.3	0.0	31.5	-134.0

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{rd} [kg]	N _{rd} [kg]	M ₁₂ [kgm]	V _{red} [kg]	V _{rd,caricamento} [kg]	V _r [kg]
2841 2991	16	5207.4	1.00	5207.4	17621.9	12.0	62910.7	18719.9	101149.0
									0.28

▲Setto : 2990 3140 3141 2991 / Sezione 32

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{rd} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-23648.1	0.0	22.6	0.06
Sommità	1	-23412.0	0.0	-574.6	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-16136.0	0.0	16.3	-9.2
sc Med	26	-16136.0	0.0	16.3	-9.1
st	24	-16136.0	0.0	16.3	-134.5
sc	26	-16136.0	0.0	16.3	-137.0
Sommità					
sc Max	26	-16136.0	0.0	16.3	-9.2
sc Med	26	-16136.0	0.0	16.3	-9.1
st	24	-16136.0	0.0	16.3	-134.5
sc	26	-16136.0	0.0	16.3	-137.0

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{rd} [kg]	N _{rd} [kg]	M ₁₂ [kgm]	V _{red} [kg]	V _{rd,caricamento} [kg]	V _r [kg]
2990 3141	16	5092.6	1.00	5092.6	15186.0	30.9	62910.7	18719.9	99710.6
									0.27

▲Setto : 3140 3289 3290 3141 / Sezione 32

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{rd} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr

▲ Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{rd} [kg]	N _{rd} [kg]	M _{rd} [kgm]	V _{rd} [kg]	V _{rd,accertato} [kg]	V _d [kg]
3588 3739	16	3523.3	1.00	3523.3	-11726.5	22.6	62910.7	18719.9	97626.8
									0.19

▲ Setto : 3738 3887 3888 3739 / Sezione 42

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{rd} [kg]	M _{rd} [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-15392.2	0.0	55.6	0.04
Sommità	1	-15299.0	0.0	-430.6	0.05

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-10712.5	0.0	36.8	-6.2
sc Med	26	-10712.5	0.0	36.8	-6.0
st	24	-10712.5	0.0	36.8	-87.3
sc	26	-10712.5	0.0	36.8	-93.0
Sommità					
sc Max	26	-10712.5	0.0	36.8	-6.2
sc Med	26	-10712.5	0.0	36.8	-6.0
st	24	-10712.5	0.0	36.8	-87.3
sc	26	-10712.5	0.0	36.8	-93.0

▲ Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{rd} [kg]	N _{rd} [kg]	M _{rd} [kgm]	V _{rd} [kg]	V _{rd,accertato} [kg]	V _d [kg]
3738 3888	16	3637.9	1.00	3637.9	-12181.9	48.6	62910.7	18719.9	97936.9
									0.19

▲ Setto : 3887 4037 4038 3888 / Sezione 42

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{rd} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-16983.9	0.0	39.8	0.05
Sommità	1	-16821.6	0.0	-461.2	0.05

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-11651.0	0.0	26.3	-6.7
sc Med	26	-11651.0	0.0	26.3	-6.5
st	24	-11651.0	0.0	26.3	-96.0
sc	26	-11651.0	0.0	26.3	-100.1
Sommità					
sc Max	26	-11651.0	0.0	26.3	-6.7
sc Med	26	-11651.0	0.0	26.3	-6.5
st	24	-11651.0	0.0	26.3	-96.0
sc	26	-11651.0	0.0	26.3	-100.1

▲ Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{rd} [kg]	N _{rd} [kg]	M _{rd} [kgm]	V _{rd} [kg]	V _{rd,accertato} [kg]	V _d [kg]
3887 4038	16	3673.1	1.00	3673.1	-10844.8	38.5	62910.7	18719.9	97120.3
									0.20

sc Med	26	-22583.3	0.0	-824.4	-12.7
st	24	-22583.3	0.0	-824.4	-126.7
sc	26	-22583.3	0.0	-824.4	-253.4
Sommità					
sc Max	26	-22583.3	0.0	-824.4	-18.0
sc Med	26	-22583.3	0.0	-824.4	-12.7
st	24	-22583.3	0.0	-824.4	-126.7
sc	26	-22583.3	0.0	-824.4	-253.4

▲ Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{rd} [kg]	N _{rd} [kg]	M _{rd} [kgm]	V _{rd} [kg]	V _{rd,accertato} [kg]	V _d [kg]
3439 6433	13	-6788.8	1.00	-6788.8	-27891.5	-1504.7	62910.7	18719.9	10121.94
									0.35

▲ Setto : 6236 3588 3589 6433 / Sezione 42

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{rd} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	-11727.6	0.0	17134.4	0.07
Sommità	16	-11333.9	0.0	-13378	0.06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-11045.6	0.0	696.4	-10.7
sc Med	26	-11045.6	0.0	696.4	-6.2
st	20	-11854.9	0.0	836.0	-35.5
sc	26	-11045.6	0.0	696.4	-146.5
Sommità					
sc Max	26	-11045.6	0.0	696.4	-10.7
sc Med	26	-11045.6	0.0	696.4	-6.2
st	20	-11854.9	0.0	836.0	-35.5
sc	26	-11045.6	0.0	696.4	-146.5

▲ Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{rd} [kg]	N _{rd} [kg]	M _{rd} [kgm]	V _{rd} [kg]	V _{rd,accertato} [kg]	V _d [kg]
6236 3589	13	-4120.7	1.00	-4120.7	-12405.3	1348.6	62910.7	18719.9	82726.6
									0.22

▲ Setto : 3588 3738 3739 3589 / Sezione 42

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{rd} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-12970.8	0.0	291.5	0.04
Sommità	16	-11342.7	0.0	-995.0	0.05

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-9284.0	0.0	181.2	-6.4
sc Med	26	-9284.0	0.0	181.2	-5.2
st	24	-9284.0	0.0	181.2	-64.2
sc	26	-9284.0	0.0	181.2	-92.0
Sommità					
sc Max	26	-9284.0	0.0	181.2	-6.4
sc Med	26	-9284.0	0.0	181.2	-5.2
st	24	-9284.0	0.0	181.2	-64.2
sc	26	-9284.0	0.0	181.2	-92.0

Base	1	-23117.7	0.0	-331.8	0.07
Sommila	12	-22160.3	0.0	1071.9	0.08

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-15415.8	0.0	-208.6	-10.0
sc Med	26	-15415.8	0.0	-208.6	-8.6
st	24	-15415.8	0.0	-208.6	-113.7
sc	26	-15415.8	0.0	-208.6	-145.7
Sommila					
sc Max	26	-15415.8	0.0	-208.6	-10.0
sc Med	26	-15415.8	0.0	-208.6	-8.6
st	24	-15415.8	0.0	-208.6	-113.7
sc	26	-15415.8	0.0	-208.6	-145.7

▲Verifiche a Taglio

Nodi	Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₂ [kgm]	V _{red}	V _{sc}	V _{sc}
4336 4486	13	-3347.3	1.00	-3347.3	-18357.5	-391.7	62910.7	18719.9	102129.0	0.18	

▲Setto : 4485 6126 6533 4486 / Sezione 42

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	-31547.6	0.0	-2138.2	0.12
Sommila	12	-26395.1	0.0	3771.1	0.15

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-20616.5	0.0	-1055.5	-18.4
sc Med	26	-20616.5	0.0	-1055.5	-11.6
st	24	-20616.5	0.0	-1055.5	-92.3
sc	26	-20616.5	0.0	-1055.5	-254.6
Sommila					
sc Max	26	-20616.5	0.0	-1055.5	-18.4
sc Med	26	-20616.5	0.0	-1055.5	-11.6
st	24	-20616.5	0.0	-1055.5	-92.3
sc	26	-20616.5	0.0	-1055.5	-254.6

▲Verifiche a Taglio

Nodi	Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₂ [kgm]	V _{red}	V _{sc}	V _{sc}
4485 6533	12	-6727.9	1.00	-6727.9	-31547.6	-2138.2	62910.7	18719.9	96543.6	0.36	

▲Setto : 6126 4635 4636 6533 / Sezione 52

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	-4982.1	0.0	1982.6	0.08
Sommila	14	874.7	0.0	-693.9	0.06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-5662.8	0.0	986.7	-10.7

▲Setto : 4037 4186 4187 4038 / Sezione 42

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-18428.6	0.0	7.3	0.05
Sommila	1	-18311.8	0.0	-401.4	0.06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-12514.9	0.0	5.8	-7.1
sc Med	26	-12514.9	0.0	5.8	-7.0
st	24	-12514.9	0.0	5.8	-104.9
sc	26	-12514.9	0.0	5.8	-105.7
Sommila					
sc Max	26	-12514.9	0.0	5.8	-7.1
sc Med	26	-12514.9	0.0	5.8	-7.0
st	24	-12514.9	0.0	5.8	-104.9
sc	26	-12514.9	0.0	5.8	-105.7

▲Verifiche a Taglio

Nodi	Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₂ [kgm]	V _{red}	V _{sc}	V _{sc}
4037 4187	16	3572.4	1.00	3572.4	-11267.1	28.6	62910.7	18719.9	97359.7	0.19	

▲Setto : 4186 4336 4337 4187 / Sezione 42

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-20245.3	0.0	-1.4	0.05
Sommila	1	-20347.1	0.0	-246.4	0.06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-13625.4	0.0	0.0	-7.6
sc Med	26	-13625.4	0.0	0.0	-7.6
st	24	-13625.4	0.0	0.0	-114.6
sc	26	-13625.4	0.0	0.0	-114.6
Sommila					
sc Max	26	-13625.4	0.0	0.0	-7.6
sc Med	26	-13625.4	0.0	0.0	-7.6
st	24	-13625.4	0.0	0.0	-114.6
sc	26	-13625.4	0.0	0.0	-114.6

▲Verifiche a Taglio

Nodi	Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₂ [kgm]	V _{red}	V _{sc}	V _{sc}
4186 4337	16	3253.4	1.00	3253.4	-11549.3	30.0	62910.7	18719.9	97531.0	0.17	

▲Setto : 4336 4485 4486 4337 / Sezione 42

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base					
sc Max					

▲ Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{red} [kg]	N _{red} [kg]	M _{red} [kgm]	V _{red} [kg]	V _{red,comb.} [kg]	V _r [kg]
4784.4935	13	-1506.6	1.00	-1906.6	-7917.2	10.2	62910.7	18719.9	95323.7
									0.10

▲ Setto : 4934 5083 5084 4935 / Sezione 52

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{red} [kg]	M _{red} [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-11836.3	0.0	-3.8	0.03
Sommità	12	-10567.2	0.0	403.4	0.03

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-8046.1	0.0	-2.7	-4.5
sc Med	26	-8046.1	0.0	-2.7	-4.5
st	24	-8046.1	0.0	-2.7	-67.5
sc	26	-8046.1	0.0	-2.7	-67.9
Sommità					
sc Max	26	-8046.1	0.0	-2.7	-4.5
sc Med	26	-8046.1	0.0	-2.7	-4.5
st	24	-8046.1	0.0	-2.7	-67.5
sc	26	-8046.1	0.0	-2.7	-67.9

▲ Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{red} [kg]	N _{red} [kg]	M _{red} [kgm]	V _{red} [kg]	V _{red,comb.} [kg]	V _r [kg]
4934.5084	13	-2036.9	1.00	-2036.9	-9631.6	-19.7	62910.7	18719.9	96365.7
									0.11

▲ Setto : 5083 5233 5234 5084 / Sezione 52

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{red} [kg]	M _{red} [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-14302.6	0.0	-75.2	0.04
Sommità	12	-13014.0	0.0	616.5	0.04

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-9571.1	0.0	-48.5	-5.7
sc Med	26	-9571.1	0.0	-48.5	-5.4
st	24	-9571.1	0.0	-48.5	-76.8
sc	26	-9571.1	0.0	-48.5	-84.3
Sommità					
sc Max	26	-9571.1	0.0	-48.5	-5.7
sc Med	26	-9571.1	0.0	-48.5	-5.4
st	24	-9571.1	0.0	-48.5	-76.8
sc	26	-9571.1	0.0	-48.5	-84.3

▲ Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{red} [kg]	N _{red} [kg]	M _{red} [kgm]	V _{red} [kg]	V _{red,comb.} [kg]	V _r [kg]
5083.5234	13	-2612.0	1.00	-2612.0	-11480.1	-94.6	62910.7	18719.9	97581.0
									0.14

sc Med	26	-5662.8	0.0	986.7	-5.4
st	26	-5662.8	0.0	986.7	68.9
sc	26	-5662.8	0.0	986.7	-134.2
Sommità					
sc Max	26	-5662.8	0.0	986.7	-10.7
sc Med	26	-5662.8	0.0	986.7	-5.4
st	26	-5662.8	0.0	986.7	68.9
sc	26	-5662.8	0.0	986.7	-134.2

▲ Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{red} [kg]	N _{red} [kg]	M _{red} [kgm]	V _{red} [kg]	V _{red,comb.} [kg]	V _r [kg]
6126.4636	12	-5021.6	1.00	-5021.6	-6982.1	1982.6	62910.7	18719.9	58029.8
									0.27

▲ Setto : 4635 4784 4785 4636 / Sezione 52

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{red} [kg]	M _{red} [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-5091.2	0.0	363.8	0.02
Sommità	13	-4670.8	0.0	380.4	0.02

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-3866.9	0.0	229.5	-3.7
sc Med	26	-3866.9	0.0	229.5	-2.2
st	20	-3909.7	0.0	268.6	-12.2
sc	26	-3866.9	0.0	229.5	-50.2
Sommità					
sc Max	26	-3866.9	0.0	229.5	-3.7
sc Med	26	-3866.9	0.0	229.5	-2.2
st	20	-3909.7	0.0	268.6	-12.2
sc	26	-3866.9	0.0	229.5	-50.2

▲ Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{red} [kg]	N _{red} [kg]	M _{red} [kgm]	V _{red} [kg]	V _{red,comb.} [kg]	V _r [kg]
4635.4785	13	-2412.6	1.00	-2412.6	-1785.9	375.5	62910.7	18719.9	61815.6
									0.13

▲ Setto : 4784 4934 4935 4785 / Sezione 52

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{red} [kg]	M _{red} [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-9085.9	0.0	28.4	0.02
Sommità	13	-8033.4	0.0	454.7	0.03

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-6344.9	0.0	18.4	-3.7
sc Med	26	-6344.9	0.0	18.4	-3.6
st	24	-6344.9	0.0	18.4	-52.0
sc	26	-6344.9	0.0	18.4	-54.8
Sommità					
sc Max	26	-6344.9	0.0	18.4	-3.7
sc Med	26	-6344.9	0.0	18.4	-3.6
st	24	-6344.9	0.0	18.4	-52.0
sc	26	-6344.9	0.0	18.4	-54.8

Base	12	-32229.9	0.0	-3399.3	0.15
Sommata	12	-25080.9	0.0	6717.3	0.25

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-21262.7	0.0	-2068.7	-25.4
sc Med	26	-21262.7	0.0	-2068.7	-12.7
st	24	-21262.7	0.0	-2068.7	-18.0
sc	26	-21262.7	0.0	-2068.7	-338.6
Sommata					
sc Max	26	-21262.7	0.0	-2068.7	-25.4
sc Med	26	-21262.7	0.0	-2068.7	-12.7
st	24	-21262.7	0.0	-2068.7	-18.0
sc	26	-21262.7	0.0	-2068.7	-338.6

▲Verifiche a Taglio

Nodi	Comb.	V _{el} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	V _{red} [kg]	M ₁₃ [kgm]	V _{red} [kg]	V _{red} continuo [kg]	V _{el} [kg]
5532 6633	12	134459.0	1.00	134459.0	-32229.9	-3389.3	62910.7	18719.9	8765.6	0.72	

▲Setto : 81 477 499 106 / Sezione 12

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	17	-62778.6	0.0	27365	0.21
Sommata	1	-60043.3	0.0	2018.2	0.19

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-40830.5	0.0	2197.1	-37.2
sc Med	26	-40830.5	0.0	2197.1	-22.9
st	24	-40830.5	0.0	2197.1	-175.7
sc	26	-40830.5	0.0	2197.1	-511.4
Sommata					
sc Max	26	-40830.5	0.0	2197.1	-37.2
sc Med	26	-40830.5	0.0	2197.1	-22.9
st	24	-40830.5	0.0	2197.1	-175.7
sc	26	-40830.5	0.0	2197.1	-511.4

▲Verifiche a Taglio

Nodi	Comb.	V _{el} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	V _{red} [kg]	M ₁₃ [kgm]	V _{red} [kg]	V _{red} continuo [kg]	V _{el} [kg]
81 499	11	-20451.1	1.00	-20451.1	58620.3	1380.2	62910.7	33973.1	0.0	0.60	

▲Setto : 477 623 645 499 / Sezione 12

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-47571.6	0.0	51.78	0.14
Sommata	1	-46487.1	0.0	3855.6	0.19

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-33067.2	0.0	354.4	-20.9

▲Setto : 5233 5382 5383 5234 / Sezione 52

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-17226.7	0.0	-151.4	0.05
Sommata	12	-16314.1	0.0	1072.6	0.06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-11456.7	0.0	-98.5	-7.1
sc Med	26	-11456.7	0.0	-98.5	-6.4
st	24	-11456.7	0.0	-98.5	-88.8
sc	26	-11456.7	0.0	-98.5	-104.0
Sommata					
sc Max	26	-11456.7	0.0	-98.5	-7.1
sc Med	26	-11456.7	0.0	-98.5	-6.4
st	24	-11456.7	0.0	-98.5	-88.8
sc	26	-11456.7	0.0	-98.5	-104.0

▲Verifiche a Taglio

Nodi	Comb.	V _{el} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	V _{red} [kg]	M ₁₃ [kgm]	V _{red} [kg]	V _{red} continuo [kg]	V _{el} [kg]
5233 5383	13	-39242.1	1.00	-39242.1	-13871.7	-166.0	62910.7	18719.9	99137.3	0.21	

▲Setto : 5382 5532 5533 5383 / Sezione 52

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-21483.1	0.0	-849.5	0.07
Sommata	1	-23096.6	0.0	2374.4	0.10

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-14069.5	0.0	-544.0	-11.4
sc Med	26	-14069.5	0.0	-544.0	-7.9
st	24	-14069.5	0.0	-544.0	-76.6
sc	26	-14069.5	0.0	-544.0	-160.2
Sommata					
sc Max	26	-14069.5	0.0	-544.0	-11.4
sc Med	26	-14069.5	0.0	-544.0	-7.9
st	24	-14069.5	0.0	-544.0	-76.6
sc	26	-14069.5	0.0	-544.0	-160.2

▲Verifiche a Taglio

Nodi	Comb.	V _{el} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	V _{red} [kg]	M ₁₃ [kgm]	V _{red} [kg]	V _{red} continuo [kg]	V _{el} [kg]
5382 5533	12	-6800.9	1.00	-6800.9	-19797.2	-887.8	62910.7	18719.9	103377.0	0.36	

▲Setto : 5532 6032 6633 5533 / Sezione 52

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr

▲ Verifiche a Taglio

Nodi	Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]
768.936	1	-11217.9	1.00	-11217.9	-34629.9	248.2	62910.7	33973.1	103377.0	0.33

▲ Setto : 914 1059 1081 936 / Sezione 12

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-33524.4	0.0	0.0	17.03	0.09
Sommità	1	-34680.4	0.0	0.0	235.14	0.13

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-23001.5	0.0	120.2	-13.7
sc Med	26	-23001.5	0.0	120.2	-12.9
st	24	-23001.5	0.0	120.2	-184.4
sc	26	-23001.5	0.0	120.2	-202.7
Sommità					
sc Max	26	-23001.5	0.0	120.2	-13.7
sc Med	26	-23001.5	0.0	120.2	-12.9
st	24	-23001.5	0.0	120.2	-184.4
sc	26	-23001.5	0.0	120.2	-202.7

▲ Verifiche a Taglio

Nodi	Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]
914.1081	12	-10700.7	1.00	-10700.7	-17536.1	83.7	62910.7	33973.1	101199.2	0.31

▲ Setto : 1059 1205 1227 1081 / Sezione 12

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-33336.9	0.0	0.0	11.44	0.09
Sommità	1	-34467.1	0.0	0.0	235.22	0.13

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-22737.1	0.0	82.8	-13.3
sc Med	26	-22737.1	0.0	82.8	-12.8
st	24	-22737.1	0.0	82.8	-185.0
sc	26	-22737.1	0.0	82.8	-197.6
Sommità					
sc Max	26	-22737.1	0.0	82.8	-13.3
sc Med	26	-22737.1	0.0	82.8	-12.8
st	24	-22737.1	0.0	82.8	-185.0
sc	26	-22737.1	0.0	82.8	-197.6

▲ Verifiche a Taglio

Nodi	Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]
1059.1227	12	-10595.7	1.00	-10595.7	-38805.0	42.2	62910.7	33973.1	101901.7	0.33

sc Med	26	-33067.2	0.0	354.4	-18.5
st	24	-33067.2	0.0	354.4	-251.2
sc	26	-33067.2	0.0	354.4	-305.3
Sommità					
sc Max	26	-33067.2	0.0	354.4	-20.9
sc Med	26	-33067.2	0.0	354.4	-18.5
st	24	-33067.2	0.0	354.4	-251.2
sc	26	-33067.2	0.0	354.4	-305.3

▲ Verifiche a Taglio

Nodi	Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]
477.645	1	-17593.6	1.00	-17593.6	-47571.6	517.8	62910.7	33973.1	103377.0	0.52

▲ Setto : 623 768 790 645 / Sezione 12

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-37681.0	0.0	0.0	484.7	0.11
Sommità	1	-38972.5	0.0	0.0	2784.4	0.15

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-26103.0	0.0	335.1	-16.8
sc Med	26	-26103.0	0.0	335.1	-14.6
st	24	-26103.0	0.0	335.1	-194.0
sc	26	-26103.0	0.0	335.1	-245.2
Sommità					
sc Max	26	-26103.0	0.0	335.1	-16.8
sc Med	26	-26103.0	0.0	335.1	-14.6
st	24	-26103.0	0.0	335.1	-194.0
sc	26	-26103.0	0.0	335.1	-245.2

▲ Verifiche a Taglio

Nodi	Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]
623.790	1	-13045.2	1.00	-13045.2	-37681.0	484.7	62910.7	33973.1	103377.0	0.38

▲ Setto : 768 914 936 790 / Sezione 12

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-34929.9	0.0	248.2	0.10	
Sommità	1	-35932.1	0.0	2562.0	0.14	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-24085.6	0.0	172.3	-14.6
sc Med	26	-24085.6	0.0	172.3	-13.5
st	24	-24085.6	0.0	172.3	-189.5
sc	26	-24085.6	0.0	172.3	-215.8
Sommità					
sc Max	26	-24085.6	0.0	172.3	-14.6
sc Med	26	-24085.6	0.0	172.3	-13.5
st	24	-24085.6	0.0	172.3	-189.5
sc	26	-24085.6	0.0	172.3	-215.8

Base	17	-29765.8	0.0	-1208.2	0.10
Sommità	17	-33033.7	0.0	897.7	0.10

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-21943.0	0.0	105.8	-13.0
sc Med	26	-21943.0	0.0	105.8	-12.3
st	24	-21943.0	0.0	105.8	-176.5
sc	26	-21943.0	0.0	105.8	-192.8
Sommità					
sc Max	26	-21943.0	0.0	105.8	-13.0
sc Med	26	-21943.0	0.0	105.8	-12.3
st	24	-21943.0	0.0	105.8	-176.5
sc	26	-21943.0	0.0	105.8	-192.8

▲Verifiche a Taglio

Nodi	Comb.	V _α [kg]	α	V _α [kg]	N _α [kg]	M ₁₂ [kgm]	V _{red} [kg]	M ₁₃ [kgm]	V _{red} [kg]	V _{accidentale} [kg]	V _α [kg]
18375 1518	14	-9708.9	1.00	-9708.9	-18550.7	1301.1	62910.7	18719.9	95778.7	0.52	

▲Setto : 1495 1645 1667 1518 / Sezione 22

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _α [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	17	-29921.6	0.0	-199.5	0.08
Sommità	16	-26998.3	0.0	162.44	0.10

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-19966.2	0.0	100.0	-11.8
sc Med	26	-19966.2	0.0	100.0	-11.2
st	24	-19966.2	0.0	100.0	-160.3
sc	26	-19966.2	0.0	100.0	-175.7
Sommità					
sc Max	26	-19966.2	0.0	100.0	-11.8
sc Med	26	-19966.2	0.0	100.0	-11.2
st	24	-19966.2	0.0	100.0	-160.3
sc	26	-19966.2	0.0	100.0	-175.7

▲Verifiche a Taglio

Nodi	Comb.	V _α [kg]	α	V _α [kg]	N _α [kg]	M ₁₂ [kgm]	V _{red} [kg]	M ₁₃ [kgm]	V _{red} [kg]	V _{accidentale} [kg]	V _α [kg]
1495 1667	15	-8509.7	1.00	-8509.7	-18092.3	279.4	62910.7	18719.9	101810.5	0.45	

▲Setto : 1645 1794 1817 1667 / Sezione 22

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _α [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-27893.7	0.0	96.9	0.08
Sommità	16	-24600.0	0.0	166.68	0.09

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-19366.9	0.0	65.8	-11.3

▲Setto : 1205 1350 1372 1227 / Sezione 12

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _α [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-33810.5	0.0	-31.0	0.09
Sommità	1	-35000.5	0.0	2615.2	0.14

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-22895.6	0.0	3.1	-12.9
sc Med	26	-22895.6	0.0	3.1	-12.8
st	24	-22895.6	0.0	3.1	-192.4
sc	26	-22895.6	0.0	3.1	-192.9
Sommità					
sc Max	26	-22895.6	0.0	3.1	-12.9
sc Med	26	-22895.6	0.0	3.1	-12.8
st	24	-22895.6	0.0	3.1	-192.4
sc	26	-22895.6	0.0	3.1	-192.9

▲Verifiche a Taglio

Nodi	Comb.	V _α [kg]	α	V _α [kg]	N _α [kg]	M ₁₂ [kgm]	V _{red} [kg]	M ₁₃ [kgm]	V _{red} [kg]	V _{accidentale} [kg]	V _α [kg]
1205 1372	12	-12540.6	1.00	-12540.6	-19877.8	-312.3	62910.7	33973.1	102928.5	0.37	

▲Setto : 1350 18375 6438 1372 / Sezione 12

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _α [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	-32002.7	0.0	-1551.3	0.11
Sommità	12	-29163.1	0.0	5512.7	0.20

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-24662.7	0.0	-267.2	-15.6
sc Med	26	-24662.7	0.0	-267.2	-13.8
st	24	-24662.7	0.0	-267.2	-187.1
sc	26	-24662.7	0.0	-267.2	-227.9
Sommità					
sc Max	26	-24662.7	0.0	-267.2	-15.6
sc Med	26	-24662.7	0.0	-267.2	-13.8
st	24	-24662.7	0.0	-267.2	-187.1
sc	26	-24662.7	0.0	-267.2	-227.9

▲Verifiche a Taglio

Nodi	Comb.	V _α [kg]	α	V _α [kg]	N _α [kg]	M ₁₂ [kgm]	V _{red} [kg]	M ₁₃ [kgm]	V _{red} [kg]	V _{accidentale} [kg]	V _α [kg]
1350 6438	12	-15842.0	1.00	-15842.0	-3200.27	-1551.3	62910.7	33973.1	103051.7	0.47	

▲Setto : 18375 1495 1518 6438 / Sezione 22

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _α [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr

Nodi		V _d	α	V _{ed}	N _{ed}	M _{ed}	V _{ed}	M ₁₂	V _{ed}	V _{ed}	V _d
Comb.		[kg]		[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]
15	7418.9	1.00	-7418.9	-1397.51	41.5	62910.7	18719.9	102242.7	0.40		
Base											
Sommata											

Setto : 2093 2243 2265 2116 / Sezione 22

Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed}	M ₁₂	M ₁₃	Sd/Sr
Base	1	-28833.1	0.0	29.6	0.08
Sommata	1	-29482.1	0.0	1206.1	0.10

S.L.E.	Combinazione	N	M ₁₂	M ₁₃	σ
		[kg]	[kg]	[kg]	[kg/cm²]
Base					
sc Max	26	-19641.6	0.0	24.1	-11.2
sc Med	26	-19641.6	0.0	24.1	-11.0
st	24	-19641.6	0.0	24.1	-163.4
sc	26	-19641.6	0.0	24.1	-167.1
Sommata					
sc Max	26	-19641.6	0.0	24.1	-11.2
sc Med	26	-19641.6	0.0	24.1	-11.0
st	24	-19641.6	0.0	24.1	-163.4
sc	26	-19641.6	0.0	24.1	-167.1

Verifiche a Taglio

Nodi	Comb.	V _d	α	V _{ed}	N _{ed}	M _{ed}	V _{ed}	M ₁₂	V _{ed}	V _d	V _d
		[kg]		[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]
15	-8030.2	1.00	-8030.2	-20695.2	20.6	62910.7	18719.9	103005.1	0.43		
Base											
Sommata											

Setto : 2243 2392 2415 2265 / Sezione 22

Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed}	M ₁₂	M ₁₃	Sd/Sr
Base	1	-30196.0	0.0	-153.5	0.08
Sommata	15	-22599.1	0.0	2713.7	0.11

S.L.E.	Combinazione	N	M ₁₂	M ₁₃	σ
		[kg]	[kg]	[kg]	[kg/cm²]
Base					
sc Max	26	-20422.4	0.0	-109.2	-12.2
sc Med	26	-20422.4	0.0	-109.2	-11.5
st	24	-20422.4	0.0	-109.2	-163.4
sc	26	-20422.4	0.0	-109.2	-180.2
Sommata					
sc Max	26	-20422.4	0.0	-109.2	-12.2
sc Med	26	-20422.4	0.0	-109.2	-11.5
st	24	-20422.4	0.0	-109.2	-163.4
sc	26	-20422.4	0.0	-109.2	-180.2

Verifiche a Taglio

Nodi	Comb.	V _d	α	V _{ed}	N _{ed}	M _{ed}	V _{ed}	M ₁₂	V _{ed}	V _d	V _d
		[kg]		[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]
15	-9574.0	1.00	-9574.0	-21517.7	-243.2	62910.7	18719.9	103377.0	0.51		
Base											
Sommata											

sc Med	26	-19366.9	0.0	65.8	-10.9
st	24	-19366.9	0.0	65.8	-157.9
sc	26	-19366.9	0.0	65.8	-168.0
Sommata					
sc Max	26	-19366.9	0.0	65.8	-11.3
sc Med	26	-19366.9	0.0	65.8	-10.9
st	24	-19366.9	0.0	65.8	-157.9
sc	26	-19366.9	0.0	65.8	-168.0

Verifiche a Taglio

Nodi	Comb.	V _d	α	V _{ed}	N _{ed}	M _{ed}	V _{ed}	M ₁₂	V _{ed}	V _d	V _d
		[kg]		[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]
15	-7702.4	1.00	-7702.4	-18135.9	102.7	62910.7	18719.9	101586.1	0.41		
Base											
Sommata											

Setto : 1794 1944 1966 1817 / Sezione 22

Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed}	M ₁₂	M ₁₃	Sd/Sr
Base	1	-27809.1	0.0	73.9	0.08
Sommata	1	-28319.6	0.0	1031.6	0.09

S.L.E.	Combinazione	N	M ₁₂	M ₁₃	σ
		[kg]	[kg]	[kg]	[kg/cm²]
Base					
sc Max	26	-19176.3	0.0	51.1	-11.1
sc Med	26	-19176.3	0.0	51.1	-10.8
st	24	-19176.3	0.0	51.1	-157.4
sc	26	-19176.3	0.0	51.1	-165.3
Sommata					
sc Max	26	-19176.3	0.0	51.1	-11.1
sc Med	26	-19176.3	0.0	51.1	-10.8
st	24	-19176.3	0.0	51.1	-157.4
sc	26	-19176.3	0.0	51.1	-165.3

Verifiche a Taglio

Nodi	Comb.	V _d	α	V _{ed}	N _{ed}	M _{ed}	V _{ed}	M ₁₂	V _{ed}	V _d	V _d
		[kg]		[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]
15	-7355.2	1.00	-7355.2	-18645.0	74.2	62910.7	18719.9	101851.1	0.39		
Base											
Sommata											

Setto : 1944 2093 2116 1966 / Sezione 22

Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed}	M ₁₂	M ₁₃	Sd/Sr
Base	1	-28086.4	0.0	47.1	0.08
Sommata	1	-28656.9	0.0	1077.8	0.09

S.L.E.	Combinazione	N	M ₁₂	M ₁₃	σ
		[kg]	[kg]	[kg]	[kg/cm²]
Base					
sc Max	26	-19253.9	0.0	35.0	-11.0
sc Med	26	-19253.9	0.0	35.0	-10.8
st	24	-19253.9	0.0	35.0	-159.3
sc	26	-19253.9	0.0	35.0	-164.7
Sommata					
sc Max	26	-19253.9	0.0	35.0	-11.0
sc Med	26	-19253.9	0.0	35.0	-10.8
st	24	-19253.9	0.0	35.0	-159.3
sc	26	-19253.9	0.0	35.0	-164.7

▲Setto : 2392 6232 6338 2415 / Sezione 22

▲Armatore su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _d [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	-31690.6	0.0	-1776.6	0.11
Sommità	14	-26522.0	0.0	4850.4	0.18

S.L.E.	Combinazione	N	M ₁₂ [kg]	M ₁₃ [kg/m]	σ [kg/cm ²]
Base	sc Max	26	-23422.0	0.0	-16.9
	sc Med	26	-23422.0	0.0	-13.1
	sc Med	26	-23422.0	0.0	-13.1
	sc Med	26	-23422.0	0.0	-152.7
Sommità	sc	26	-23422.0	0.0	-241.5
	sc Max	26	-23422.0	0.0	-16.9
	sc Med	26	-23422.0	0.0	-13.1
	sc	26	-23422.0	0.0	-152.7

[illegible]

▲ Verifiche a Taglio

▲Setto : 6232 2542 2564 6338 / Sezione 32

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N ₆₈ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-25880.8	0.0	723.3	0.08
Sommità	16	-21998.6	0.0	1012.5	0.07

S.L.E.	Combinazione	N	M ₃₂ [g/g]	M ₁₀ [g/g]	σ [log/cm ²]
Base	sc	26	-17913.0	0.0	408.1
	sc Max	26	-17913.0	0.0	408.1
	sc Med	26	-17913.0	0.0	408.1
	sc	24	-17913.0	0.0	408.1
Sommità	sc	26	-17913.0	0.0	408.1
	sc Max	26	-17913.0	0.0	408.1
	sc Med	26	-17913.0	0.0	408.1
	sc	24	-17913.0	0.0	408.1

▲ Verifiche a Taglio

[illegible]

▲Setto : 2542 2691 2714 2564 / Sezione 32

▲Armatore su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N_{id} [kg]	M_{12} [kgm]	M_{13} [kgm]	Sd/Sr
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Base	1	-211.93	0.0	261.7	0.06
Sommità	16	-194.28.3	0.0	1367.0	0.07

S.L.E.	Combinazione	N [kg]	M ₂ [kg]	M ₁ [kg]	σ [g/cm ²]
	Basse				
	sc Max	26	-14918.3	0.0	157.9
	sc Med	26	-14918.3	0.0	157.9
	st	24	-14918.3	0.0	-84
	sc	26	-14918.3	0.0	-113.4
	st	24	-14918.3	0.0	-137.7
	Scemita				
	sc Max	26	-14918.3	0.0	157.9
	sc Med	26	-14918.3	0.0	157.9
	st	24	-14918.3	0.0	-84
	sc	26	-14918.3	0.0	-113.4
	st	24	-14918.3	0.0	-137.7

▲ Verifiche a Taglio

[illegible]

▲Setto : 2691 2841 2863 2714 / Sezione 32

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-21389.8	0.0	77.0	0.06
Sommità	16	-17852.5	0.0	1406.4	0.07

S.L.E.	Combinazione	N [kg]	M ₅₀ [kgm]	M ₁₀ [kgm]	σ [kg/cm ²]
Base	sc Max	26	-14923.1	0.0	51.3
	sc Med	26	-14923.1	0.0	51.3
	sc Min	26	-14923.1	0.0	51.3
	st	24	-14923.1	0.0	51.3
	sc	26	-14923.1	0.0	51.3
	sc	26	-14923.1	0.0	51.3
Sommità	sc Max	26	-14923.1	0.0	51.3
	sc Med	26	-14923.1	0.0	51.3
	sc Min	26	-14923.1	0.0	51.3
	st	24	-14923.1	0.0	51.3
	sc	26	-14923.1	0.0	51.3
	sc	26	-14923.1	0.0	51.3

▲ Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	V_{ad} [kg]	N_{ed} [kg]	M_{ed}	V_{out} [kg]	V_{red}	$V_{rel,confronto}$	V_d/V_R
2691.2863	15	-6640.6	1.00	-6640.6	-14357.0	74.5	62910.7	18719.9	99278.7	0.35

▲Setto : 2841 2990 3013 2863 / Sezione 32

▲Armatore su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N ₁₀ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-21936.4	0.0	50.7	0.06
Sommità	1	-22491.6	0.0	755.3	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
	Base				
	sc Max	26	-15160.3	0.0	34.4
					-8.7

▲ Verifiche a Taglio									
Nodi	Comb.	V _{ed} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₃ [kgm]	V _{red} V _{resistenza} [kg] V _r
3140 3312	15	-6986.5	1.00	-6986.5	-17197.9	-17.7	62910.7	18719.9	100902.7 0.37

▲ Setto : 3289 3439 3461 3312 / Sezione 32

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-25798.0	0.0	-352.9	0.07
Sommitta	15	-20033.6	0.0	2989.9	0.10

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base	26	-17400.8	0.0	-205.3	-11.1
sc Med	26	-17400.8	0.0	-205.3	-9.8
sc	24	-17400.8	0.0	-205.3	-130.6
Sommitta	26	-17400.8	0.0	-205.3	-162.2
sc Max	26	-17400.8	0.0	-205.3	-11.1
sc Med	26	-17400.8	0.0	-205.3	-9.8
sc	24	-17400.8	0.0	-205.3	-130.6
sc	26	-17400.8	0.0	-205.3	-162.2

▲ Verifiche a Taglio

Nodi	Comb.	V _{ed} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₃ [kgm]	V _{red} V _{resistenza} [kg] V _r
3289 3461	15	-8739.1	1.00	-8739.1	-19021.2	-335.9	62910.7	18719.9	102448.0 0.47

▲ Setto : 3439 6236 6195 3461 / Sezione 32

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	-31118.3	0.0	-1966.6	0.11
Sommitta	14	-24553.8	0.0	4931.7	0.18

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base	26	-21459.8	0.0	-874.1	-17.7
sc Med	26	-21459.8	0.0	-874.1	-12.0
sc	24	-21459.8	0.0	-874.1	-113.4
Sommitta	26	-21459.8	0.0	-874.1	-247.7
sc Max	26	-21459.8	0.0	-874.1	-17.7
sc Med	26	-21459.8	0.0	-874.1	-12.0
sc	24	-21459.8	0.0	-874.1	-113.4
sc	26	-21459.8	0.0	-874.1	-247.7

▲ Verifiche a Taglio

Nodi	Comb.	V _{ed} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₃ [kgm]	V _{red} V _{resistenza} [kg] V _r
3439 6195	14	-23312.5	1.00	-23312.5	-25874.3	-1846.5	62910.7	18719.9	98487.9 0.66

sc Med	26	-15160.3	0.0	34.4	-8.5
st	24	-15160.3	0.0	34.4	-124.9
sc	26	-15160.3	0.0	34.4	-130.2
Sommitta	26	-15160.3	0.0	34.4	-8.7
sc Max	26	-15160.3	0.0	34.4	-8.7
sc Med	26	-15160.3	0.0	34.4	-8.5
st	24	-15160.3	0.0	34.4	-124.9
sc	26	-15160.3	0.0	34.4	-130.2

▲ Verifiche a Taglio

Nodi	Comb.	V _{ed} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₃ [kgm]	V _{red} V _{resistenza} [kg] V _r
2841 3013	15	-6198.3	1.00	-6198.3	-15215.8	47.3	62910.7	18719.9	99755.4 0.33

▲ Setto : 2990 3140 3162 3013 / Sezione 32

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-22692.5	0.0	12.8	0.06
Sommitta	1	-23303.2	0.0	821.4	0.08

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base	26	-15561.0	0.0	10.8	-8.8
sc Max	26	-15561.0	0.0	10.8	-8.7
sc Med	24	-15561.0	0.0	10.8	-130.1
sc	26	-15561.0	0.0	10.8	-131.8
Sommitta	26	-15561.0	0.0	10.8	-8.8
sc Max	26	-15561.0	0.0	10.8	-8.7
sc Med	24	-15561.0	0.0	10.8	-130.1
sc	26	-15561.0	0.0	10.8	-131.8

▲ Verifiche a Taglio

Nodi	Comb.	V _{ed} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₃ [kgm]	V _{red} V _{resistenza} [kg] V _r
2990 3162	15	-4270.6	1.00	-4270.6	-15716.2	6.2	62910.7	18719.9	99997.4 0.33

▲ Setto : 3140 3289 3312 3162 / Sezione 32

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-23920.2	0.0	-8.9	0.06
Sommitta	1	-24605.2	0.0	1009.1	0.08

S.L.E.	Combinazione	[kg]	[kgm]	[kgm]	[kg/cm²]
Base	26	-16272.9	0.0	-3.1	-9.1
	sc Max	-16272.9	0.0	-3.1	-9.1
	sc Med	-16272.9	0.0	-3.1	-9.1
	st	-16272.9	0.0	-3.1	-136.7
Sommità	26	-16272.9	0.0	-3.1	-137.2
	sc	-16272.9	0.0	-3.1	-137.2
	sc Max	-16272.9	0.0	-3.1	-9.1
	sc Med	-16272.9	0.0	-3.1	-9.1
S.C.	24	-16272.9	0.0	-3.1	-136.7
	st	-16272.9	0.0	-3.1	-136.7
	sc	-16272.9	0.0	-3.1	-137.2
	sc	-16272.9	0.0	-3.1	-137.2

Base	1	-14965.3	0.0	772	0.04
Sommata	15	-10984.3	0.0	131.38	0.05

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-10474.4	0.0	51.1	-6.2
sc Med	26	-10474.4	0.0	51.1	-5.9
st	24	-10474.4	0.0	51.1	-84.2
sc	26	-10474.4	0.0	51.1	-92.1
Sommata					
sc Max	26	-10474.4	0.0	51.1	-6.2
sc Med	26	-10474.4	0.0	51.1	-5.9
st	24	-10474.4	0.0	51.1	-84.2
sc	26	-10474.4	0.0	51.1	-92.1

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	N ₁₂ [kg]	M ₁₂ [kgm]	V ₁₂ [kg]	V ₁₃ [kgm]	V ₁₂₊₁₃ [kg]	V _e [kg]
3738 3910	15	-5535.3	1.00	-5535.3	-1005.8	62.5	62910.7	18719.9	96710.9

▲Setto : 3887 4037 4059 3910 / Sezione 42

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N ₁₂ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-161.994	0.0	47.3	0.04
Sommata	1	-16902.0	0.0	721.3	0.06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-11183.6	0.0	31.6	-6.5
sc Med	26	-11183.6	0.0	31.6	-6.3
st	24	-11183.6	0.0	31.6	-91.7
sc	26	-11183.6	0.0	31.6	-96.5
Sommata					
sc Max	26	-11183.6	0.0	31.6	-6.5
sc Med	26	-11183.6	0.0	31.6	-6.3
st	24	-11183.6	0.0	31.6	-91.7
sc	26	-11183.6	0.0	31.6	-96.5

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	N ₁₂ [kg]	M ₁₂ [kgm]	V ₁₂ [kg]	V ₁₃ [kgm]	V ₁₂₊₁₃ [kg]	V _e [kg]
3887 4059	15	-4944.0	1.00	-4944.0	-1159.6	34.8	62910.7	18719.9	97566.1

▲Setto : 4037 4186 4209 4059 / Sezione 42

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N ₁₂ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-17484.0	0.0	-0.4	0.05
Sommata	1	-18223.2	0.0	783.0	0.06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-11945.7	0.0	1.3	-6.7

▲Setto : 6236 3588 3611 6195 / Sezione 42

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N ₁₂ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-20139.1	0.0	1210.9	0.07
Sommata	16	-14193.5	0.0	752.1	0.05

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-13923.9	0.0	743.1	-12.6
sc Med	26	-13923.9	0.0	743.1	-7.8
st	20	-15134.2	0.0	889.4	-59.0
sc	26	-13923.9	0.0	743.1	-174.3
Sommata					
sc Max	26	-13923.9	0.0	743.1	-12.6
sc Med	26	-13923.9	0.0	743.1	-7.8
st	20	-15134.2	0.0	889.4	-59.0
sc	26	-13923.9	0.0	743.1	-174.3

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	N ₁₂ [kg]	M ₁₂ [kgm]	V ₁₂ [kg]	V ₁₃ [kgm]	V ₁₂₊₁₃ [kg]	V _e [kg]
6236 3611	14	-9196.1	1.00	-9196.1	-1559.2	165.0	62910.7	18719.9	85155.7

▲Setto : 3588 3738 3760 3611 / Sezione 42

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N ₁₂ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-13752.0	0.0	376.3	0.04
Sommata	16	-12505.3	0.0	1213.6	0.05

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-9819.6	0.0	236.2	-7.0
sc Med	26	-9819.6	0.0	236.2	-5.5
st	24	-9819.6	0.0	236.2	-64.5
sc	26	-9819.6	0.0	236.2	-100.8
Sommata					
sc Max	26	-9819.6	0.0	236.2	-7.0
sc Med	26	-9819.6	0.0	236.2	-5.5
st	24	-9819.6	0.0	236.2	-64.5
sc	26	-9819.6	0.0	236.2	-100.8

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	N ₁₂ [kg]	M ₁₂ [kgm]	V ₁₂ [kg]	V ₁₃ [kgm]	V ₁₂₊₁₃ [kg]	V _e [kg]
3588 3760	15	-6914.6	1.00	-6914.6	-978.1	357.7	62910.7	18719.9	96934.9

▲Setto : 3738 3887 3910 3760 / Sezione 42

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N ₁₂ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr

▲ Verifiche a Taglio

Nodi	Comb.	V _{ed} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₂ [kgm]	V _{red} [kg]	V _{accidente} V _j [kg]
4336 4508	15	-7706.4	1.00	-7706.4	-399.7	-16453.4	62910.7	18719.9	100997.8	0.41

▲ Setto : 4485 6126 6138 4508 / Sezione 42

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	-39490.1	0.0	-2176.8	0.12
Sommila	14	-22810.2	0.0	9001.7	0.18

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-19510.0	0.0	-1103.8	-18.1
sc Med	26	-19510.0	0.0	-1103.8	-10.9
st	24	-19510.0	0.0	-1103.8	-79.3
sc	26	-19510.0	0.0	-1103.8	-249.0
Sommila					
sc Max	26	-19510.0	0.0	-1103.8	-18.1
sc Med	26	-19510.0	0.0	-1103.8	-10.9
st	24	-19510.0	0.0	-1103.8	-79.3
sc	26	-19510.0	0.0	-1103.8	-249.0

▲ Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	$V_{d,i}$ [kg]	$N_{d,i}$ [kg]	$M_{d,i}$ [kg]	V_{red} [kg]	M_{red} [kg]	$V_{accidente}$ V_d [kg]	V_e
4485 6138	14	-11639.1	1.00	-11639.1	-28863.9	-2066.8	62910.7	18719.9	95309.7	0.62

▲ Setto : 6126 4635 4657 6138 / Sezione 52

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	-11317.0	0.0	2071.7	0.07
Sommila	16	-7759.8	0.0	477.7	0.03

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-9407.4	0.0	1058.4	-12.3
sc Med	26	-9407.4	0.0	1058.4	-6.2
st	26	-9407.4	0.0	1058.4	7.6
sc	26	-9407.4	0.0	1058.4	-162.4
Sommila					
sc Max	26	-9407.4	0.0	1058.4	-12.3
sc Med	26	-9407.4	0.0	1058.4	-6.2
st	26	-9407.4	0.0	1058.4	7.6
sc	26	-9407.4	0.0	1058.4	-162.4

▲ Verifiche a Taglio

Nodi	Comb.	V _{ed} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	M ₁₂ [kg]	V _{red} [kg]	V _{accidente} V _j [kg]
6126 4657	12	-9527.9	1.00	-9527.9	-11317.0	2071.7	62910.7	18719.9	74893.5	0.51

sc Med	26	-11945.7	0.0	1.3	-6.7
st	24	-11945.7	0.0	1.3	-100.4
sc	26	-11945.7	0.0	1.3	-100.6
Sommila					
sc Max	26	-11945.7	0.0	1.3	-6.7
sc Med	26	-11945.7	0.0	1.3	-6.7
st	24	-11945.7	0.0	1.3	-100.4
sc	26	-11945.7	0.0	1.3	-100.6

▲ Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	V_{ed} [kg]	N_{ed} [kg]	M_{ed} [kg]	V_{red} [kg]	$V_{red, \text{corrente}}$ [kg]	V_{ej}
4037 4209	15	-4985.0	1.00	-4985.0	-1282.9	-10.9	62910.7	18719.9	98271.1 0.27

▲ Setto : 4186 4336 4358 4209 / Sezione 42

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-19220.2	0.0	-23.8	0.05
Sommila	1	-20265.5	0.0	996.8	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-13003.9	0.0	-13.8	-7.4
sc Med	26	-13003.9	0.0	-13.8	-7.3
st	24	-13003.9	0.0	-13.8	-108.4
sc	26	-13003.9	0.0	-13.8	-110.5
Sommila					
sc Max	26	-13003.9	0.0	-13.8	-7.4
sc Med	26	-13003.9	0.0	-13.8	-7.3
st	24	-13003.9	0.0	-13.8	-108.4
sc	26	-13003.9	0.0	-13.8	-110.5

▲ Verifiche a Taglio

Nodi	Comb.	V _{ed} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₂ [kgm]	V _{red} [kg]	V _{accidente} V _j [kg]
4186 4358	15	-5762.0	1.00	-5762.0	-14386.2	-33.8	62910.7	18719.9	99288.5	0.31

▲ Setto : 4336 4485 4508 4358 / Sezione 42

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-21638.0	0.0	-427.0	0.06
Sommila	14	-20670.0	0.0	2398.7	0.10

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-14497.7	0.0	-269.8	-9.9
sc Med	26	-14497.7	0.0	-269.8	-8.1
st	24	-14497.7	0.0	-269.8	-101.2
sc	26	-14497.7	0.0	-269.8	-142.7
Sommila					
sc Max	26	-14497.7	0.0	-269.8	-9.9
sc Med	26	-14497.7	0.0	-269.8	-8.1
st	24	-14497.7	0.0	-269.8	-101.2
sc	26	-14497.7	0.0	-269.8	-142.7

Base	1	-12014.4	0.0	83.2	0.03
Sommità	12	-11250.7	0.0	892.8	0.04

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-8206.6	0.0	54.8	-5.0
sc Med	26	-8206.6	0.0	54.8	-4.6
st	24	-8206.6	0.0	54.8	-64.8
sc	26	-8206.6	0.0	54.8	-73.3
Sommità					
sc Max	26	-8206.6	0.0	54.8	-5.0
sc Med	26	-8206.6	0.0	54.8	-4.6
st	24	-8206.6	0.0	54.8	-64.8
sc	26	-8206.6	0.0	54.8	-73.3

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	N ₁₂ [kg]	M ₁₂ [kgm]	V ₁₂ [kg]	M ₁₃ [kgm]	V ₁₃ [kg]	V ₁₂ + V ₁₃ + V ₁₄ [kg]	V ₁₂ + V ₁₃ + V ₁₄ + V ₁₅ [kg]
4934.5106	12	-3787.6	1.00	-3787.6	-10883.6	31.2	62910.7	18719.9	96833.3	0.20

▲Setto : 5083 5233 5255 5106 / Sezione 52

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N ₁₂ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-14773.7	0.0	33.1	0.04
Sommità	12	-14013.8	0.0	894.7	0.05

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-9929.7	0.0	23.0	-5.7
sc Med	26	-9929.7	0.0	23.0	-5.6
st	24	-9929.7	0.0	23.0	-81.8
sc	26	-9929.7	0.0	23.0	-85.3
Sommità					
sc Max	26	-9929.7	0.0	23.0	-5.7
sc Med	26	-9929.7	0.0	23.0	-5.6
st	24	-9929.7	0.0	23.0	-81.8
sc	26	-9929.7	0.0	23.0	-85.3

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	N ₁₂ [kg]	M ₁₂ [kgm]	V ₁₂ [kg]	M ₁₃ [kgm]	V ₁₃ [kg]	V ₁₂ + V ₁₃ + V ₁₄ [kg]	V ₁₂ + V ₁₃ + V ₁₄ + V ₁₅ [kg]
5083.5255	12	-3632.6	1.00	-3632.6	-13053.4	0.0	62910.7	18719.9	98390.9	0.19

▲Setto : 5233 5382 5405 5255 / Sezione 52

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N ₁₂ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-18552.7	0.0	60	0.05
Sommità	12	-17936.8	0.0	1087.8	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-12314.6	0.0	5.6	-6.9

▲Setto : 4635 4784 4807 4657 / Sezione 52

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N ₁₂ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-6649.8	0.0	503.0	0.03
Sommità	12	-7330.6	0.0	1101.3	0.04

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-4917.1	0.0	320.7	-4.8
sc Med	26	-4917.1	0.0	320.7	-2.8
st	20	-5069.4	0.0	371.6	-14.1
sc	26	-4917.1	0.0	320.7	-66.0
Sommità					
sc Max	26	-4917.1	0.0	320.7	-4.8
sc Med	26	-4917.1	0.0	320.7	-2.8
st	20	-5069.4	0.0	371.6	-14.1
sc	26	-4917.1	0.0	320.7	-66.0

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	N ₁₂ [kg]	M ₁₂ [kgm]	V ₁₂ [kg]	M ₁₃ [kgm]	V ₁₃ [kg]	V ₁₂ + V ₁₃ + V ₁₄ [kg]	V ₁₂ + V ₁₃ + V ₁₄ + V ₁₅ [kg]
4635.4807	12	-4355.8	1.00	-4355.8	-2048.0	554.4	62910.7	18719.9	55730.4	0.34

▲Setto : 4784 4934 4956 4807 / Sezione 52

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N ₁₂ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-9415.9	0.0	109.4	0.03
Sommità	12	-8870.3	0.0	1062.8	0.04

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-6601.7	0.0	71.7	-4.2
sc Med	26	-6601.7	0.0	71.7	-3.7
st	24	-6601.7	0.0	71.7	-50.0
sc	26	-6601.7	0.0	71.7	-61.1
Sommità					
sc Max	26	-6601.7	0.0	71.7	-4.2
sc Med	26	-6601.7	0.0	71.7	-3.7
st	24	-6601.7	0.0	71.7	-50.0
sc	26	-6601.7	0.0	71.7	-61.1

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	N ₁₂ [kg]	M ₁₂ [kgm]	V ₁₂ [kg]	M ₁₃ [kgm]	V ₁₃ [kg]	V ₁₂ + V ₁₃ + V ₁₄ [kg]	V ₁₂ + V ₁₃ + V ₁₄ + V ₁₅ [kg]
4784.4956	12	-4595.8	1.00	-4595.8	-8041.3	54.7	62910.7	18719.9	95461.2	0.25

▲Setto : 4934 5083 5106 4956 / Sezione 52

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N ₁₂ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base					
sc Max	26	-12314.6	0.0	5.6	-6.9

▲ Verifiche a Taglio

Nodi	Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{red,estremo} V _i [kg]
5532 6185	12	-10052.4	1.00	-10052.4	-38526.8	-2882.6	62910.7	18719.9
								94294.1
								0.34

▲ Setto : 6032 5621 5633 6185 / Sezione 62

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	-17212.2	0.0	2456.6	0.10
Sommità	1	-9031.6	0.0	814.6	0.04

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-13892.7	0.0	1409.4	-17.0
sc Med	26	-13892.7	0.0	1409.4	-8.5
st	20	-15466.8	0.0	169.8	0.8
sc	26	-13892.7	0.0	1409.4	-226.1
Sommità					
sc Max	26	-13892.7	0.0	1409.4	-17.0
sc Med	26	-13892.7	0.0	1409.4	-8.5
st	20	-15466.8	0.0	169.8	0.8
sc	26	-13892.7	0.0	1409.4	-226.1

▲ Verifiche a Taglio

Nodi	Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{red,estremo} V _i [kg]
6032 5633	14	-141446.9	1.00	-141446.9	-36589.2	2501.5	62910.7	18719.9
								76534.0
								0.76

▲ Setto : 5621 5673 5685 5633 / Sezione 62

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-10009.3	0.0	257.0	0.03
Sommità	1	-11400.6	0.0	230.1	0.03

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-6988.0	0.0	161.4	-5.0
sc Med	26	-6988.0	0.0	161.4	-3.9
st	24	-6988.0	0.0	161.4	-46.4
sc	26	-6988.0	0.0	161.4	-71.2
Sommità					
sc Max	26	-6988.0	0.0	161.4	-5.0
sc Med	26	-6988.0	0.0	161.4	-3.9
st	24	-6988.0	0.0	161.4	-46.4
sc	26	-6988.0	0.0	161.4	-71.2

▲ Verifiche a Taglio

Nodi	Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{red,estremo} V _i [kg]
5621 5685	14	-2373.3	1.00	-2373.3	-6482.7	303.1	62910.7	18719.9
								94846.0
								0.13

sc Med	26	-12314.6	0.0	5.6	-6.9
st	24	-12314.6	0.0	5.6	-103.2
sc	26	-12314.6	0.0	5.6	-104.0
Sommità					
sc Max	26	-12314.6	0.0	5.6	-6.9
sc Med	26	-12314.6	0.0	5.6	-6.9
st	24	-12314.6	0.0	5.6	-103.2
sc	26	-12314.6	0.0	5.6	-104.0

▲ Verifiche a Taglio

Nodi	Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{red,estremo} V _i [kg]
5382 5545	12	-4293.1	1.00	-4293.1	-16778.2	10.4	62910.7	18719.9
								100640.6
								0.23

▲ Setto : 5382 5532 5554 5405 / Sezione 52

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-24267.0	0.0	-609.8	0.07
Sommità	12	-24075.5	0.0	2137.1	0.10

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-15948.1	0.0	-385.2	-11.4
sc Med	26	-15948.1	0.0	-385.2	-8.9
st	24	-15948.1	0.0	-385.2	-104.5
sc	26	-15948.1	0.0	-385.2	-163.8
Sommità					
sc Max	26	-15948.1	0.0	-385.2	-11.4
sc Med	26	-15948.1	0.0	-385.2	-8.9
st	24	-15948.1	0.0	-385.2	-104.5
sc	26	-15948.1	0.0	-385.2	-163.8

▲ Verifiche a Taglio

Nodi	Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{red,estremo} V _i [kg]
5382 5554	12	-6221.0	1.00	-6221.0	-22557.4	-644.0	62910.7	18719.9
								103377.0
								0.33

▲ Setto : 5532 6032 6185 5554 / Sezione 52

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	-38526.8	0.0	-2882.6	0.15
Sommità	12	-30408.7	0.0	5401.9	0.20

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-25762.7	0.0	-1710.2	-25.5
sc Med	26	-25762.7	0.0	-1710.2	-14.5
st	24	-25762.7	0.0	-1710.2	-48.3
sc	26	-25762.7	0.0	-1710.2	-348.2
Sommità					
sc Max	26	-25762.7	0.0	-1710.2	-25.5
sc Med	26	-25762.7	0.0	-1710.2	-14.5
st	24	-25762.7	0.0	-1710.2	-48.3
sc	26	-25762.7	0.0	-1710.2	-348.2

Base	1	-15746.1	0.0	-84.7	0.04
Sommità	12	-15815.5	0.0	458.3	0.05

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-10452.5	0.0	-54.4	-6.2
sc Med	26	-10452.5	0.0	-54.4	-5.9
st	24	-10452.5	0.0	-54.4	-83.8
sc	26	-10452.5	0.0	-54.4	-92.1
Sommità					
sc Max	26	-10452.5	0.0	-54.4	-6.2
sc Med	26	-10452.5	0.0	-54.4	-5.9
st	24	-10452.5	0.0	-54.4	-83.8
sc	26	-10452.5	0.0	-54.4	-92.1

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{res} [kg]	V _{res,corrente} [kg]	V _r [kg]
5778.5843	14	-1517.8	1.00	-1517.8	-14595.7	-96.0	62910.7	18719.9	99452.5

▲Setto : 5831 5883 5895 5843 / Sezione 62

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	-18731.5	0.0	-120.8	0.05
Sommità	12	-20100.7	0.0	933.8	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-12261.8	0.0	-65.5	-7.3
sc Med	26	-12261.8	0.0	-65.5	-6.9
st	24	-12261.8	0.0	-65.5	-98.1
sc	26	-12261.8	0.0	-65.5	-108.2
Sommità					
sc Max	26	-12261.8	0.0	-65.5	-7.3
sc Med	26	-12261.8	0.0	-65.5	-6.9
st	24	-12261.8	0.0	-65.5	-98.1
sc	26	-12261.8	0.0	-65.5	-108.2

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{res} [kg]	V _{res,corrente} [kg]	V _r [kg]
5831.5895	14	-3292.1	1.00	-3292.1	-38272.6	-119.7	62910.7	18719.9	101692.2

▲Setto : 5883 5936 5948 5895 / Sezione 62

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	-24252.6	0.0	-94.56	0.08
Sommità	14	-27963.4	0.0	28462	0.13

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc. Max	26	-15248.1	0.0	-562.6	-12.2

▲Setto : 5673 5726 5738 5685 / Sezione 62

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-12940.5	0.0	-80.7	0.04
Sommità	1	-13116.0	0.0	296.8	0.04

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-8772.4	0.0	-52.7	-5.3
sc Med	26	-8772.4	0.0	-52.7	-4.9
st	24	-8772.4	0.0	-52.7	-69.8
sc	26	-8772.4	0.0	-52.7	-77.9
Sommità					
sc Max	26	-8772.4	0.0	-52.7	-5.3
sc Med	26	-8772.4	0.0	-52.7	-4.9
st	24	-8772.4	0.0	-52.7	-69.8
sc	26	-8772.4	0.0	-52.7	-77.9

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{res} [kg]	V _{res,corrente} [kg]	V _r [kg]
5673.5738	14	-1275.4	1.00	-1275.4	-10325.3	-77.9	62910.7	18719.9	96864.6

▲Setto : 5726 5778 5790 5738 / Sezione 62

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-14214.5	0.0	-35.6	0.04
Sommità	1	-14453.9	0.0	21.68	0.04

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-9520.2	0.0	-23.0	-5.5
sc Med	26	-9520.2	0.0	-23.0	-5.3
st	24	-9520.2	0.0	-23.0	-78.3
sc	26	-9520.2	0.0	-23.0	-81.9
Sommità					
sc Max	26	-9520.2	0.0	-23.0	-5.5
sc Med	26	-9520.2	0.0	-23.0	-5.3
st	24	-9520.2	0.0	-23.0	-78.3
sc	26	-9520.2	0.0	-23.0	-81.9

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{res} [kg]	V _{res,corrente} [kg]	V _r [kg]
5726.5790	14	-1092.9	1.00	-1092.9	-1235.77	-37.1	62910.7	18719.9	98026.1

▲Setto : 5778 5831 5843 5790 / Sezione 62

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
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▲ Verifiche a Taglio

Nodi	Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M _{red} [kgm]	V _{ed,estremo} [kg]	V _i [kg]
82.479	1	13453.8	1.00	13453.8	-2035.6	2019	62910.7	33973.1	0.0	0.0

▲ Setto : 478 624 625 479 / Sezione 12

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-14748.9	0.0	-212.9	0.09	
Sommia	1	-16787.0	0.0	-3029.3	0.11	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-10103.0	0.0	-152.7	-6.7
sc Med	26	-10103.0	0.0	-152.7	-5.7
st	24	-10103.0	0.0	-152.7	-73.3
sc	26	-10103.0	0.0	-152.7	-96.7
Sommia					
sc Max	26	-10103.0	0.0	-152.7	-6.7
sc Med	26	-10103.0	0.0	-152.7	-5.7
st	24	-10103.0	0.0	-152.7	-73.3
sc	26	-10103.0	0.0	-152.7	-96.7

▲ Verifiche a Taglio

Nodi	Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M _{red} [kgm]	V _{ed,estremo} [kg]	V _i [kg]
478.625	1	12938.0	1.00	12938.0	-14748.9	-212.9	62910.7	33973.1	99710.1	0.38

▲ Setto : 624 769 770 625 / Sezione 12

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-22802.4	0.0	-171.4	0.06	
Sommia	1	-24192.1	0.0	-3214.8	0.13	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-15642.1	0.0	-121.8	-9.6
sc Med	26	-15642.1	0.0	-121.8	-8.8
st	24	-15642.1	0.0	-121.8	-122.3
sc	26	-15642.1	0.0	-121.8	-140.9
Sommia					
sc Max	26	-15642.1	0.0	-121.8	-9.6
sc Med	26	-15642.1	0.0	-121.8	-8.8
st	24	-15642.1	0.0	-121.8	-122.3
sc	26	-15642.1	0.0	-121.8	-140.9

▲ Verifiche a Taglio

Nodi	Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M _{red} [kgm]	V _{ed,estremo} [kg]	V _i [kg]
624.770	1	13539.6	1.00	13539.6	-22802.4	-171.4	62910.7	33973.1	103377.0	0.40

sc Med	26	-15248.1	0.0	-562.6	-8.6
st	24	-15248.1	0.0	-562.6	-85.1
sc	26	-15248.1	0.0	-562.6	-171.5
Sommia					
sc Max	26	-15248.1	0.0	-562.6	-12.2
sc Med	26	-15248.1	0.0	-562.6	-8.6
st	24	-15248.1	0.0	-562.6	-85.1
sc	26	-15248.1	0.0	-562.6	-171.5

▲ Verifiche a Taglio

Nodi	Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M _{red} [kgm]	V _{ed,estremo} [kg]	V _i [kg]
5936.5948	14	-7729.4	1.00	-7729.4	-29118.4	-974.4	62910.7	18719.9	103377.0	0.41

▲ Setto : 5936 6221 6005 5948 / Sezione 62 NON VERIFICATO Errore verifica taglio trazione armature 18719,9 < 31137,8

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	14	-54134.4	0.0	-5793.4	0.25	
Sommia	14	-42230.3	0.0	13602.3	0.53	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-32647.2	0.0	-3379.9	-40.5
sc Med	26	-32647.2	0.0	-3379.9	-20.2
st	20	-37395.7	0.0	-3881.7	-7.2
sc	26	-32647.2	0.0	-3379.9	-537.3
Sommia					
sc Max	26	-32647.2	0.0	-3379.9	-40.5
sc Med	26	-32647.2	0.0	-3379.9	-20.2
st	20	-37395.7	0.0	-3881.7	-7.2
sc	26	-32647.2	0.0	-3379.9	-537.3

▲ Verifiche a Taglio

Nodi	Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M _{red} [kgm]	V _{ed,estremo} [kg]	V _i [kg]
5936.6005	14	-3117.8	1.00	-3117.8	-54134.4	-5793.4	62910.7	18719.9	85304.6	NON VERIFICATO 1.66

▲ Setto : 82 478 479 83 / Sezione 12

▲ Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	17	5174.3	0.0	-1416.4	0.08	
Sommia	16	3058.8	0.0	-2823.2	0.20	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-1307.4	0.0	9.9	-0.8
sc Med	26	-1307.4	0.0	9.9	-0.7
st	24	-1307.4	0.0	9.9	-10.2
sc	26	-1307.4	0.0	9.9	-11.8
Sommia					
sc Max	26	-1307.4	0.0	9.9	-0.8
sc Med	26	-1307.4	0.0	9.9	-0.7
st	24	-1307.4	0.0	9.9	-10.2

▲Setto : 769 915 916 770 / Sezione 12

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-26970.0	0.0	-147.4	0.07	
Sommità	1	-27802.5	0.0	-2826.6	0.13	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-18468.9	0.0	-103.0	-11.0
sc Med	26	-18468.9	0.0	-103.0	-10.4
st	24	-18468.9	0.0	-103.0	-147.5
sc	26	-18468.9	0.0	-103.0	-163.3
Sommità					
sc Max	26	-18468.9	0.0	-103.0	-11.0
sc Med	26	-18468.9	0.0	-103.0	-10.4
st	24	-18468.9	0.0	-103.0	-147.5
sc	26	-18468.9	0.0	-103.0	-163.3

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{res} [kg]	V _{resnorm} [kg]	V _e /V _{res}
769 916	1	11880.6	1.00	11880.6	-26970.0	-147.4	62910.7	33973.1	103377.0
									0.35

▲Setto : 915 1060 1061 916 / Sezione 12

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-29057.4	0.0	-102.8	0.08
Sommità	1	-29620.1	0.0	-2533.9	0.12

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-19878.4	0.0	-69.6	-11.6
sc Med	26	-19878.4	0.0	-69.6	-11.2
st	24	-19878.4	0.0	-69.6	-161.9
sc	26	-19878.4	0.0	-69.6	-172.6
Sommità					
sc Max	26	-19878.4	0.0	-69.6	-11.6
sc Med	26	-19878.4	0.0	-69.6	-11.2
st	24	-19878.4	0.0	-69.6	-161.9
sc	26	-19878.4	0.0	-69.6	-172.6

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{res} [kg]	V _{resnorm} [kg]	V _e /V _{res}
915 1061	1	10940.0	1.00	10940.0	-29620.1	-102.8	62910.7	33973.1	103377.0
									0.31

▲Setto : 1060 1206 1207 1061 / Sezione 12

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-29620.1	0.0	-2533.9	0.12
Sommità	1	-30159.3	0.0	-2197.6	0.12

		[kg]	[kgm]	[kgm]
Base	1	-30274.1	0.0	-108.3
Sommità	1	-30632.3	0.0	-2243.5
				0.12

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-20630.9	0.0	-68.6	-12.0
sc Med	26	-20630.9	0.0	-68.6	-11.6
st	24	-20630.9	0.0	-68.6	-168.3
sc	26	-20630.9	0.0	-68.6	-178.8
Sommità					
sc Max	26	-20630.9	0.0	-68.6	-12.0
sc Med	26	-20630.9	0.0	-68.6	-11.6
st	24	-20630.9	0.0	-68.6	-168.3
sc	26	-20630.9	0.0	-68.6	-178.8

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{res} [kg]	V _{resnorm} [kg]	V _e /V _{res}
1060 1207	1	5993.8	1.00	5993.8	-30274.1	-108.3	62910.7	33973.1	103377.0
									0.28

▲Setto : 1206 1351 1352 1207 / Sezione 12

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-30920.7	0.0	-124.3	0.09
Sommità	1	-31032.1	0.0	-1940.4	0.11

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-21054.3	0.0	-78.8	-12.3
sc Med	26	-21054.3	0.0	-78.8	-11.8
st	24	-21054.3	0.0	-78.8	-171.1
sc	26	-21054.3	0.0	-78.8	-183.2
Sommità					
sc Max	26	-21054.3	0.0	-78.8	-12.3
sc Med	26	-21054.3	0.0	-78.8	-11.8
st	24	-21054.3	0.0	-78.8	-171.1
sc	26	-21054.3	0.0	-78.8	-183.2

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{res} [kg]	V _{resnorm} [kg]	V _e /V _{res}
1206 1352	1	8260.9	1.00	8260.9	-30920.7	-124.3	62910.7	33973.1	103377.0
									0.24

▲Setto : 1351 6733 6534 1352 / Sezione 12

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-29859.3	0.0	-77.0	0.08
Sommità	1	-30159.3	0.0	-2197.6	0.12

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-21054.3	0.0	-78.8	-12.3
sc Med	26	-21054.3	0.0	-78.8	-11.8
st	24	-21054.3	0.0	-78.8	-171.1
sc	26	-21054.3	0.0	-78.8	-183.2
Sommità					
sc Max	26	-21054.3	0.0	-78.8	-12.3
sc Med	26	-21054.3	0.0	-78.8	-11.8
st	24	-21054.3	0.0	-78.8	-171.1
sc	26	-21054.3	0.0	-78.8	-183.2

▲ Verifiche a Taglio

Neel	Comb.	V_i [kg]	α	V_{res} [kg]	N_{res} [kg]	M_{res} [kg]	V_{ind} [kg]	V_{ind} [kg]	$V_{\text{experiments}}$ [kg]	$V_i/V_{\text{experiments}}$ [kg]
1496.1647	16	9217.6	1.00	9217.6	22207.8	94.4	62950.7	18719.9	103377.0	0.69
st				26			-19737.5	0.0	-23.8	-164.2
sc				26			-19737.5	0.0	-23.8	-167.9

▲Setto : 1646 1795 1796 1647 / Sezione 22

▲Arnature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{id} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-28256.4	0.0	5.7	0.08
Sommità	16	-22121.5	0.0	-2156.0	0.10

S.L.E.	Combinazione	N	M ₂ [kg]	M ₃ [kg]	σ [kg/cm ²]
Base	sc Max	26	-19445,0	0,0	-2,2
	sc Med	26	-19445,0	0,0	-2,2
	sc	24	-19445,0	0,0	-2,2
	sc	26	-19445,0	0,0	-2,2
	sc	26	-19445,0	0,0	-2,2
	sc	26	-19445,0	0,0	-2,2
Sommità	sc Max	26	-19445,0	0,0	-2,2
	sc Med	26	-19445,0	0,0	-2,2
	sc	24	-19445,0	0,0	-2,2
	sc	26	-19445,0	0,0	-2,2
	sc	26	-19445,0	0,0	-2,2
	sc	26	-19445,0	0,0	-2,2

▲ Verifiche a Taglio

[illegible]

▲Setto : 1795 1945 1946 1796 / Sezione 22

▲Armatore su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-28079.4	0.0	-5.6	0.08
Sommità	16	-21608.1	0.0	-2082.6	0.09

S.L.E.	Combinazione	N	M ₂ [kg]	M ₁ [kg]	σ [cm ³]
Base	sc Max	26	-192840	0,0	-5,2
	sc Med	26	-192840	0,0	-5,2
	sc	24	-192840	0,0	-5,2
	sc	26	-192840	0,0	-5,2
	sc	26	-192840	0,0	-5,2
Sommità	sc Max	26	-192840	0,0	-5,2
	sc Med	26	-192840	0,0	-5,2
	sc	24	-192840	0,0	-5,2
	sc	26	-192840	0,0	-5,2
	sc	26	-192840	0,0	-5,2

▲Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Ed} [kg]	V_{Ed} [kg]	V_{Ed} [kg]	V_{Ed} [kg]	V_s/V_a
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[illegible]

▲ Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	V_{d1} [kg]	N_{d1} [kg]	M_{d1} [kg]	V_{d2} [kg]	$V_{d2}(\text{corretto})$ [kg]	V_{d1}/V_{d2}		
1251	6534	12	113306	1.00	11330.6	-15421.5	36.6	62910.7	33973.1	99863.6	0.33

▲Setto : 6733 1496 1497 6534 / Sezione 22

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _d [kg]	M ₁₂ [kgm]	M ₁₀ [kgm]	Sd/Sr
Base	1	-28596.0	0.0	-71.8	0.08
Sommità	1	-28989.2	0.0	-1757.6	0.11

S.L.E.	Combinazione	N [kg]	M ₂ [kgm]	M ₁ [kgm]	σ [kg/cm ²]	
Base						
	sc Max	26	-19703.3	0.0	-47.5	-11.4
	sc Med	26	-19703.3	0.0	-47.5	-11.1
	st	24	-19703.3	0.0	-47.5	-162.1
Sommità						
	sc	26	-19703.3	0.0	-47.5	-169.4
	sc Max	26	-19703.3	0.0	-47.5	-11.4
	sc Med	26	-19703.3	0.0	-47.5	-11.1
	st	24	-19703.3	0.0	-47.5	-162.1
	sc	26	-19703.3	0.0	-47.5	-169.4

▲ Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _d [kg]	N _{fat} [kg]	M _{fat} [kg]	V _{Red} [kg]	V _{Adcorrimiento} [kg]	V _e [g]		
6733	1497	16	9447.5	1.00	9447.5	-22185.8	-82.2	62910.7	18719.9	103377.0	0.50

▲Setto : 1496 1646 1647 1497 / Sezione 22

▲Armatore su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _d [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-28702.0	0.0	-25.2	0.08
Somma	16	-22374.5	0.0	-2232.6	0.10

S.L.E.	Combinazione	N	M ₂ [kgm]	M ₁ [kgm]	σ [cm ² /s]
Base	sc Max	26	-19737.5	0.0	-23.8
	sc Med	26	-19737.5	0.0	-23.8
	sc	24	-19737.5	0.0	-23.8
	sc	26	-19737.5	0.0	-23.8
Sommità	sc Max	26	-19737.5	0.0	-23.8
	sc Med	26	-19737.5	0.0	-23.8
	sc	24	-19737.5	0.0	-23.8
	sc	26	-19737.5	0.0	-23.8

Sezione	Comb.	N_{da} [kg]	M_{12} [kgm]	M_{11} [kgm]	Sd/Sr
Base	1	-28358.3	0.0	-102.0	0.08
Sommità	16	-20786.4	0.0	-1638.3	0.08

S.I.E.	Combinazione	N	M ₂ (g _m)	M ₁ (g _m)	σ (g/cm ²)
Base		26	0.0	-63.4	-11.2
sc Max		26	-19324.5	0.0	-63.4
sc Med		26	-19324.5	0.0	-108
sc	st	24	-19324.5	0.0	-157.7
sc	sc	26	-19324.5	0.0	-167.5
Somma		26	-19324.5	0.0	-63.4
sc Max		26	-19324.5	0.0	-11.2
sc Med		26	-19324.5	0.0	-108
sc	st	24	-19324.5	0.0	-157.7
sc	sc	26	-19324.5	0.0	-167.5

Nodi		Comb.	V_d [kg]	α	V_{fd} [kg]	N_{fd} [kg]	M_{fd} [kg]	V_{fcd} [kg]	V_{fcd} [kg]	V_{fcd} [kg]	V_{fcd} [kg]
2244	2394	16	6860.0	1.00	6860.0	-20838.2	-32.8	6291.7	18719.9	103108.2	0.37

▲Setto : 2393 6333 6234 2394 / Sezione 22

▲Arnature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{id} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-25952.5	0.0	-20.9	0.07
Sommità	1	-26321.4	0.0	-1078.8	0.09

S.L.E.	Combinazione	N [log]	M ₁₅ [μg/m]	M ₁₀ [μg/m]	σ [kg/cm ²]
Base	sc Max	26	-17853.8	0.0	-16.1
	sc Med	26	-17853.8	0.0	-16.1
	sc Med	26	-17853.8	0.0	-170.0
	st	24	-17853.8	0.0	-149.0
	sc	26	-17853.8	0.0	-16.1
	sc	26	-17853.8	0.0	-151.5
Semiella	sc Max	26	-17853.8	0.0	-16.1
	sc Med	26	-17853.8	0.0	-16.1
	sc Med	26	-17853.8	0.0	-170.0
	st	24	-17853.8	0.0	-149.0
	sc	26	-17853.8	0.0	-16.1
	sc	26	-17853.8	0.0	-151.5

Nodi	Comb.	V _d [kg]	α	V _{ful} [kg]	N _{ful} [kg]	M _{ful} [kg]	V _{red} [kg]	V _{red} [kg]	V _s / V _e
2393	6234	16	7606.6	1.00	7606.6	-65.5	6291.0	18719.9	102879.0
6234						-20378.6			10.41

▲Setto : 6333 2543 2544 6234 / Sezione 32

▲Armatore su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N ₄₆ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-24534.5	0.0	-41.5	0.07
Sommità	1	-24946.2	0.0	-1428.7	0.09

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
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1795	1946	16	8496.7	1.00	8496.7	-21483.7	-47.5	62910.7	18719.9	103377.0	0.45
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▲Setto : 1945 2094 2095 1946 / Sezione 22

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _d [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-281615	0.0	-241	0.08
Sommità	16	-211630	0.0	-19950	0.09

S.L.E.	Combinazione	N	M ₁₂ [kgm]	M ₁₁ [kgm]	σ [cm ² /s]
Base	sc Max	26	-19274.4	0.0	-14.9
	sc Med	26	-19274.4	0.0	-14.9
	sc	24	-19274.4	0.0	-16.0
	sc	26	-19274.4	0.0	-16.3
	Sommità				
	sc Max	26	-19274.4	0.0	-14.9
S	sc Med	26	-19274.4	0.0	-14.9
	sc	24	-19274.4	0.0	-16.0
	sc	26	-19274.4	0.0	-16.3
	Sommità				
	sc Max	26	-19274.4	0.0	-14.9
	sc Med	26	-19274.4	0.0	-14.9

Nodi	Comb.	V_d [kg]	α	V_{ed} [kg]	N_{ed}	M_{ed} [kg]	V_{rod} [kg]	V_{rod} [kg]	$V_{d, \text{accoramento}}$ [kg]	V_d/V_R	
1945	2095	16	81329	1.00	81329	-21009.8	-44.5	62910.7	18719.9	103227.8	0.43

▲ Verifiche a Taglio

▲Setto : 2094 2244 2245 2095 / Sezione 22

▲Arnature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _d [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-283758	0.0	-733	0.08
Sommità	16	-210093	0.0	-18682	0.09

S.L.E.	Combinazione	N	M ₂ [μgm]	M ₁ [μgm]	σ [μg/cm ²]
Base	sc	26	-19360.1	0.0	-44.0
	sc Max	26	-19360.1	0.0	-44.0
	sc Med	26	-19360.1	0.0	-10.9
	st	24	-19360.1	0.0	-159.5
	sc	26	-19360.1	0.0	-166.3
	sc	26	-19360.1	0.0	-166.3
Sommità	sc	26	-19360.1	0.0	-44.0
	sc Max	26	-19360.1	0.0	-44.0
	sc Med	26	-19360.1	0.0	-10.9
	st	24	-19360.1	0.0	-159.5
	sc	26	-19360.1	0.0	-166.3
	sc	26	-19360.1	0.0	-166.3

Nodi	Comb.	V_d [kg]	α	V_{fd} [kg]	N_{fd} [kg]	M_{fd} [kg]	V_{fud} [kg]	$V_{fd,corrimento}$ [kg]	V_d/V_a
2094	2245	16	7642.5	1.00	7642.5	-208654.2	-5.0	62910.7	103084.4
								1871.99	103084.4

▲ Verifiche a Taglio

▲Setto : 2244 2393 2394 2245 / Sezione 22

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

▲ Verifiche a Taglio

st	24	-161335	0.0	35.0	-1331
sc	26	-161335	0.0	35.0	-1384

[illegible]

▲Setto : 2842 2991 2992 2843 / Sezione 32

▲Arnature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{d4} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-23265.9	0.0	20.5	0.06
Sommità	16	-16956.2	0.0	-1524.3	0.07

S.L.E.	Combinazione	N [kg]	M ₂ [kgm]	M ₁ [kgm]	σ [kg/cm ²]
Base	sc Max	26	-15991.8	0.0	12.5
	sc Med	26	-15991.8	0.0	12.5
	sc Min	26	-15991.8	0.0	12.5
	st Max	24	-15991.8	0.0	12.5
	st Med	24	-15991.8	0.0	12.5
	st Min	24	-15991.8	0.0	12.5
Sommità	sc Max	26	-15991.8	0.0	12.5
	sc Med	26	-15991.8	0.0	12.5
	sc Min	26	-15991.8	0.0	12.5
	st Max	24	-15991.8	0.0	12.5
	st Med	24	-15991.8	0.0	12.5
	st Min	24	-15991.8	0.0	12.5

▲ Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	V_{fd} [kg]	N_{fd} [kg]	M_{fd} [kg]	V_{red} [kg]	V_{red} [kg]	$V_{fd,corr/min}$ [kg]	V_d/V_k	
2842	2992	16	6103.3	100	6103.3	-16880.9	-8.6	62910.7	18719.9	100699.5	0.33

▲Setto : 2991 3141 3142 2992 / Sezione 32

▲Armatore su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	M_{el} [kg]	$M_{1,2}$ [kgm]	$M_{1,3}$ [kgm]	Sd/Sr
Base	1	-23496.1	0.0	-15.1	0.06
Sommità	1	-23521.2	0.0	-374.1	0.07

S.L.E.	Combinazione	N	M ₂ [kg]	M ₁ [kgm]	σ [kg/cm ²]
	Base				
	sc Max	26	-16078,4	0,0	-9,0
	sc Med	26	-16078,4	0,0	-9,0
	sc	24	-16078,4	0,0	-134,6
	sc	26	-16078,4	0,0	-136,0
	Somma				
	sc Max	26	-16078,4	0,0	-9,0
	sc Med	26	-16078,4	0,0	-9,0
	sc	24	-16078,4	0,0	-134,6
	sc	26	-16078,4	0,0	-136,0

▲ Verifiche a Taglio

[illegible]

Base						
sc	Max	26	-16868.6	0.0	-27.0	-9.6
sc	Med	26	-16868.6	0.0	-27.0	-9.5
sc	st	24	-16868.6	0.0	-139.9	-139.9
sc	sc	26	-16868.6	0.0	-27.0	-144.0
Summa						
sc	Max	26	-16868.6	0.0	-27.0	-9.6
sc	Med	26	-16868.6	0.0	-27.0	-9.5
sc	st	24	-16868.6	0.0	-139.9	-139.9
sc	sc	26	-16868.6	0.0	-27.0	-144.0

Nodi	Comb.	V _d [kg]	α	V _{rd} [kg]	N _{leg} [kg]	M _{ad} [kg]	V _{red} [kg]	V _{red} [kg]	V _{red/corretto} [kg]	V _d / V _r
6333-2544	15	83111	1.00	83111	-17221.6	-29.0	62910.7	187199	100932.9	0.44

▲Setto : 2543 2692 2693 2544 / Sezione 32

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{4,d} [kg]	M _{1,2} [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-24090.6	0.0	42.2	0.07
Sommità	16	-17559.3	0.0	-1641.6	0.08

S.L.E.	Combinazione	N [kg]	M ₂ [kgm]	M ₃ [kgm]	σ [kg/m ²]	
Base						
	sc Max	26	-15592.6	0.0	22.1	-9.5
	sc Med	26	-15592.6	0.0	22.1	-9.3
	sc	24	-15592.6	0.0	22.1	-137.9
Sommità						
	sc Max	26	-15592.6	0.0	22.1	-9.5
	sc Med	26	-15592.6	0.0	22.1	-9.3
	sc	24	-15592.6	0.0	22.1	-137.9
	sc	26	-15592.6	0.0	22.1	-141.3

▲ Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	$V_{d,d}$ [kg]	N_{lad} [kg]	M_{lad} [kg]	V_{rod} [kg]	V_{rod} [kg]	$V_{rod,corrimento}$ [kg]	V_d/V_a	
2543	2693	16	65692	1,00	65692	-17550.1	-25.1	62910.7	18719.9	101124.5	0.35

▲Setto : 2692 2842 2843 2693 / Sezione 32

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N ₄ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sa/Sr
Base	1	-23407.5	0.0	60.3	0.06
Sommità	16	-17250.9	0.0	-1586.1	0.07

S.L.E.	Combinazione	N	M ₀ [kgm]	M ₁ [kgm]	σ [lg/cm ²]
Sommità	Base	26	-16133.5	0.0	35.0
	sc Max	26	-16133.5	0.0	35.0
	sc Med	26	-16133.5	0.0	35.0
	sc	24	-16133.5	0.0	35.0
	sc	26	-16133.5	0.0	35.0
	sc	26	-16133.5	0.0	35.0
Sommità	Base	26	-16133.5	0.0	35.0
	sc Max	26	-16133.5	0.0	35.0
	sc Med	26	-16133.5	0.0	35.0

Sezione	Comb.	N ₄₀ [kg]	M ₁₂ [kgm]	M ₁₁ [kgm]	Sd/Sr
Base	1	-20495.3	0.0	0.5	0.06
Sonmità	1	-21029.3	0.0	-925.4	0.07

S.I.E.	Combinazione	N	M ₂ [g/cm ³]	M ₁ [g/cm ³]	σ [g/cm ³]
Base	sc	26	-14091.7	0.0	-1.3
	sc Max	26	-14091.7	0.0	-1.3
	sc Med	26	-14091.7	0.0	-1.3
	sc Min	26	-14091.7	0.0	-1.3
	st	24	-14091.7	0.0	-1.3
Sommità	sc	26	-14091.7	0.0	-1.3
	sc Max	26	-14091.7	0.0	-1.3
	sc Med	26	-14091.7	0.0	-1.3
	sc Min	26	-14091.7	0.0	-1.3
	st	24	-14091.7	0.0	-1.3

[illegible]

▲Setto : 6433 3589 3590 6334 / Sezione 42

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N ₅₄ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-18990.9	0.0	-33.4	0.05
Sommità	1	-19560.8	0.0	-1296.1	0.07

S.L.E.	Combinazione	N [log]	M ₁₂ [μg/m]	M ₁₁ [μg/m]	σ [log/cm ²]
Base	sc Max	26	-13099.3	0.0	-21.5
	sc Med	26	-13099.3	0.0	-21.5
	sc Min	26	-13099.3	0.0	-21.5
	st	24	-13099.3	0.0	-108.1
	sc	26	-13099.3	0.0	-21.5
Sommata	sc Max	26	-13099.3	0.0	-21.5
	sc Med	26	-13099.3	0.0	-21.5
	sc Min	26	-13099.3	0.0	-21.5
	st	24	-13099.3	0.0	-108.1
	sc	26	-13099.3	0.0	-21.5

Nodi	Comb.	V _d	α	V _{id}	N _{id}	M _{id}	V _{fud}	V _{rfd}	V _R	V _{s/R}	V _{e/V}
		[kg]		[kg]	[kg]	[kg]	[kg]	[kg]	[kg]		
6433	3590	15	6880.4	1.00	6880.4	-75.0	6291.07	187719.9	989000.9	0.37	

▲Setto : 3589 3739 3740 3590 / Sezione 42

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N_{tot} [kg]	M_{12} [kgm]	M_{13} [kgm]	Sd/Sr
Base	1	-182312	0.0	89.8	0.05
Sommità	1	-178431	0.0	-333.1	0.05

S.I.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
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2991 3142	16	5769.8	1.00	5769.8	-15460.6	5.3	62910.7	18719.9	99842.7	0.31
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▲Setto : 3141 3290 3291 3142 / Sezione 32

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{4d} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-238313	0.0	-88.0	0.07
Sommità	1	-237367	0.0	-95.4	0.07

S.L.E.	Combinazione	N	M ₂ [kgm]	M ₁ [kgm]	σ [kg/cm ²]
Base	sc Max	26	-16240.7	0.0	-54.3
	sc Med	26	-16240.7	0.0	-54.3
	sc	26	-16240.7	0.0	-9.1
	sc	24	-16240.7	0.0	-132.5
	sc	26	-16240.7	0.0	-54.3
	sc	26	-16240.7	0.0	-140.8
Sommità	sc Max	26	-16240.7	0.0	-54.3
	sc Med	26	-16240.7	0.0	-54.3
	sc	24	-16240.7	0.0	-54.3
	sc	24	-16240.7	0.0	-132.5
	sc	26	-16240.7	0.0	-54.3
	sc	26	-16240.7	0.0	-140.8

▲ Verifiche a Taglio

Nodi	Comb.	V_e	α	V_{ed}	N_{ed}	M_{ed}	V_{real}	V_{red}	$V_{rel.confinimento}$	V_s/V_R
3141	3291	16	52334	1.00	52334	-8.4	62910.7	18719.9	99825.2	0.28

▲Setto : 3290 3440 3441 3291 / Sezione 32

▲Armatore su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N ₆₀ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-23789.3	0.0	-121.2	0.07
Sommità	1	-23328.7	0.0	157.0	0.07

S.L.E.	Combinazione	N	M ₂ [μgm]	M ₁ [μgm]	σ [μg/cm ²]
Base	sc	26	-16180.6	0.0	-9.6
	sc Max	26	-16180.6	0.0	-9.1
	sc Med	26	-16180.6	0.0	-9.1
	sc	24	-16180.6	0.0	-130.3
	sc	26	-16180.6	0.0	-76.6
	sc	26	-16180.6	0.0	-142.0
Sommità	sc	26	-16180.6	0.0	-9.6
	sc Max	26	-16180.6	0.0	-9.1
	sc Med	26	-16180.6	0.0	-9.1
	sc	24	-16180.6	0.0	-130.3
	sc	26	-16180.6	0.0	-76.6
	sc	26	-16180.6	0.0	-142.0

Nodi		Comb.	V_d	α	V_{fd}	N_d	M_{fd}	V_{fcd}	V_{fud}	V_{fd} accertamento	V_d/V_f
			[kg]		[kg]	[kg]	[kg]	[kg]	[kg]		
3290	3441	13	-4792,3	1,00	-4792,3	-16835,5	-115,1	62910,7	18719,9	100823,4	0,26

▲Setto : 3440 6433 6334 3441 / Sezione 32

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

st	24	-12036.5	0.0	15.2	-100.1
sc	26	-12036.5	0.0	15.2	-102.4

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{accidente} [kg]	V _e [kg]
3888 4039	16	3824.1	1.00	3824.1	11296.7	29.3	62910.7	18719.9	97378.4
									0.20

▲Setto : 4038 4187 4188 4039 / Sezione 42

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-18058.5	0.0	-25.8	0.05	
Sommità	1	-18106.5	0.0	-93.6	0.05	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max		26	-12311.3	0.0	-16.3
sc Med		26	-12311.3	0.0	-16.3
st		24	-12311.3	0.0	-16.3
sc		26	-12311.3	0.0	-16.3
Sommità					
sc Max		26	-12311.3	0.0	-16.3
sc Med		26	-12311.3	0.0	-16.3
st		24	-12311.3	0.0	-16.3
sc		26	-12311.3	0.0	-16.3

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{accidente} [kg]	V _e [kg]
4038 4188	16	3579.4	1.00	3579.4	-11222.3	8.0	62910.7	18719.9	97303.6
									0.19

▲Setto : 4187 4337 4338 4188 / Sezione 42

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-18601.0	0.0	-117.9	0.05
Sommità	12	-14992.1	0.0	899.9	0.05

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max		26	-12613.9	0.0	-74.6
sc Med		26	-12613.9	0.0	-74.6
st		24	-12613.9	0.0	-74.6
sc		26	-12613.9	0.0	-74.6
Sommità					
sc Max		26	-12613.9	0.0	-74.6
sc Med		26	-12613.9	0.0	-74.6
st		24	-12613.9	0.0	-74.6
sc		26	-12613.9	0.0	-74.6

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{accidente} [kg]	V _e [kg]
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Base									
sc Max		26	-12544.0	0.0	54.8	-7.4			
sc Med		26	-12544.0	0.0	54.8	-7.0			
st		24	-12544.0	0.0	54.8	-101.3			
sc		26	-12544.0	0.0	54.8	-109.8			
Sommità									
sc Max		26	-12544.0	0.0	54.8	-7.4			
sc Med		26	-12544.0	0.0	54.8	-7.0			
st		24	-12544.0	0.0	54.8	-101.3			
sc		26	-12544.0	0.0	54.8	-109.8			

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{accidente} [kg]	V _e [kg]
3889 3740	16	3854.8	1.00	3854.8	-11831.1	27.6	62910.7	18719.9	97696.6
									0.21

▲Setto : 3739 3888 3889 3740 / Sezione 42

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-17488.4	0.0	91.2	0.05
Sommità	1	-17347.3	0.0	-286.5	0.05

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max		26	-12040.6	0.0	56.3
sc Med		26	-12040.6	0.0	56.3
st		24	-12040.6	0.0	56.3
sc		26	-12040.6	0.0	56.3
Sommità					
sc Max		26	-12040.6	0.0	56.3
sc Med		26	-12040.6	0.0	56.3
st		24	-12040.6	0.0	56.3
sc		26	-12040.6	0.0	56.3

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{accidente} [kg]	V _e [kg]
3739 3889	16	3862.6	1.00	3862.6	-11411.0	20.1	62910.7	18719.9	97433.9
									0.21

▲Setto : 3888 4038 4039 3889 / Sezione 42

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-17551.1	0.0	24.4	0.05
Sommità	1	-17588.6	0.0	-226.0	0.05

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max		26	-12036.5	0.0	15.2
sc Med		26	-12036.5	0.0	15.2
st		24	-12036.5	0.0	15.2
sc		26	-12036.5	0.0	15.2
Sommità					
sc Max		26	-12036.5	0.0	15.2
sc Med		26	-12036.5	0.0	15.2

[4187.4338 | 13 | -3675.9 | 1.00 | -3675.9 | -13821.8 | -1307 | 629107 | 18719.9 | 99037.2 | 0.20 |

▲Setto : 4337 4486 4487 4338 / Sezione 42

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ax} [kg]	M _{ax} [kgm]	M _{ax} [kgm]	Sd/Sr
Base	1	-18572.3	0.0	-1474.1	0.05
Sommità	12	-14564.0	0.0	1036.9	0.06

S.L.E.	Combinazione	N [kg]	M _{ax} [kgm]	M _{ax} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-12562.5	0.0	-94.3	-7.7
sc Med	26	-12562.5	0.0	-94.3	-7.0
st	24	-12562.5	0.0	-94.3	-98.4
sc	26	-12562.5	0.0	-94.3	-113.0
Sommità					
sc Max	26	-12562.5	0.0	-94.3	-7.7
sc Med	26	-12562.5	0.0	-94.3	-7.0
st	24	-12562.5	0.0	-94.3	-98.4
sc	26	-12562.5	0.0	-94.3	-113.0

▲Verifiche a Taglio

Nodi	Comb.	V _u [kg]	α	V _{ed} [kg]	N _{ax} [kg]	M _{ax} [kgm]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} estremo [kg]	V _u
4337 4487	13	-3989.0	1.00	-3989.0	-13727.6	-1407 62910.7	18719.9	98995.0	0.21	

▲Setto : 4486 6533 6434 4487 / Sezione 42

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ax} [kg]	M _{ax} [kgm]	M _{ax} [kgm]	Sd/Sr
Base	1	-14510.2	0.0	-124.1	0.04
Sommità	15	-11457.5	0.0	-1474.1	0.06

S.L.E.	Combinazione	N [kg]	M _{ax} [kgm]	M _{ax} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-9955.0	0.0	6.6	-5.6
sc Med	26	-9955.0	0.0	6.6	-5.6
st	24	-9955.0	0.0	6.6	-83.3
sc	26	-9955.0	0.0	6.6	-84.3
Sommità					
sc Max	26	-9955.0	0.0	6.6	-5.6
sc Med	26	-9955.0	0.0	6.6	-5.6
st	24	-9955.0	0.0	6.6	-83.3
sc	26	-9955.0	0.0	6.6	-84.3

▲Verifiche a Taglio

Nodi	Comb.	V _u [kg]	α	V _{ed} [kg]	N _{ax} [kg]	M _{ax} [kgm]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} estremo [kg]	V _u
4486 6434	14	5921.4	1.00	5921.4	-11233.4	-3.9 62910.7	18719.9	97304.4	0.32	

▲Setto : 6533 4636 4637 6434 / Sezione 52

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ax} [kg]	M _{ax} [kgm]	M _{ax} [kgm]	Sd/Sr
Base	1	-12976.6	0.0	-41.8	0.04
Sommità	12	-12168.8	0.0	-1546.9	0.06

▲Verifiche a Taglio

Nodi	Comb.	V _u [kg]	α	V _{ed} [kg]	N _{ax} [kg]	M _{ax} [kgm]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} estremo [kg]	V _u
6533 4637	12	6442.5	1.00	6442.5	-11021.6	-85.8 62910.7	18719.9	97293.6	0.34	

▲Setto : 4636 4785 4786 4637 / Sezione 52

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ax} [kg]	M _{ax} [kgm]	M _{ax} [kgm]	Sd/Sr
Base	1	-12089.1	0.0	110.8	0.03
Sommità	1	-11574.9	0.0	277.3	0.04

S.L.E.	Combinazione	N [kg]	M _{ax} [kgm]	M _{ax} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-8291.4	0.0	69.3	-5.1
sc Med	26	-8291.4	0.0	69.3	-4.7
st	24	-8291.4	0.0	69.3	-64.4
sc	26	-8291.4	0.0	69.3	-75.1
Sommità					
sc Max	26	-8291.4	0.0	69.3	-5.1
sc Med	26	-8291.4	0.0	69.3	-4.7
st	24	-8291.4	0.0	69.3	-64.4
sc	26	-8291.4	0.0	69.3	-75.1

▲Verifiche a Taglio

Nodi	Comb.	V _u [kg]	α	V _{ed} [kg]	N _{ax} [kg]	M _{ax} [kgm]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} estremo [kg]	V _u
4636 4786	13	-2749.4	1.00	-2749.4	-9480.9	85.0 62910.7	18719.9	96367.9	0.15	

▲Setto : 4785 4935 4936 4786 / Sezione 52

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ax} [kg]	M _{ax} [kgm]	M _{ax} [kgm]	Sd/Sr
Base	1	-11381.8	0.0	89.5	0.03
Sommità	12	-9475.7	0.0	651.2	0.04

S.L.E.	Combinazione	N [kg]	M _{ax} [kgm]	M _{ax} [kgm]	σ [kg/cm²]
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st	24	-8397.6	0.0	-711	-65.2
sc	26	-8397.6	0.0	-711	-76.1

▲Verifiche a Taglio

Nodi	Comb.	V _u [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M _{u2} [kgm]	V _{red} [kg]	V _{u2,corrente} [kg]	V _u [kg]
5084.5235	13	-4047.8	1.00	-4047.8	-10293.8	-121.8	62910.7	18719.9	98072.9	0.22	

▲Setto : 5234 5383 5384 5235 / Sezione 52

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{u2} [kgm]	M _{u1} [kgm]	Sd/Sr
Base	1	-12730.8	0.0	-2692.2	0.04
Sommità	12	-11423.8	0.0	16843.3	0.06

S.L.E.	Combinazione	N [kg]	M _{u2} [kgm]	M _{u1} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-85144	0.0	-1731	-5.9
sc Med	26	-85144	0.0	-1731	-4.8
st	24	-85144	0.0	-1731	-58.3
sc	26	-85144	0.0	-1731	-84.9
Sommità					
sc Max	26	-85144	0.0	-1731	-5.9
sc Med	26	-85144	0.0	-1731	-4.8
st	24	-85144	0.0	-1731	-58.3
sc	26	-85144	0.0	-1731	-84.9

▲Verifiche a Taglio

Nodi	Comb.	V _u [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M _{u2} [kgm]	V _{red} [kg]	V _{u2,corrente} [kg]	V _u [kg]
5234.5384	12	-5604.6	1.00	-5604.6	-11769.7	-318.9	62910.7	18719.9	98072.9	0.30	

▲Setto : 5383 5533 5534 5384 / Sezione 52

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{u2} [kgm]	M _{u1} [kgm]	Sd/Sr
Base	12	-10465.8	0.0	-3890	0.03
Sommità	12	-9191.6	0.0	21433	0.08

S.L.E.	Combinazione	N [kg]	M _{u2} [kgm]	M _{u1} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-73242	0.0	-1843	-5.3
sc Med	26	-73242	0.0	-1843	-4.1
st	24	-73242	0.0	-1843	-47.5
sc	26	-73242	0.0	-1843	-75.8
Sommità					
sc Max	26	-73242	0.0	-1843	-5.3
sc Med	26	-73242	0.0	-1843	-4.1
st	24	-73242	0.0	-1843	-47.5
sc	26	-73242	0.0	-1843	-75.8

▲Verifiche a Taglio

Nodi	Comb.	V _u [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M _{u2} [kgm]	V _{red} [kg]	V _{u2,corrente} [kg]	V _u [kg]
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Base											
sc Max	26	-7804.7	0.0	55.8	-4.7						
sc Med	26	-7804.7	0.0	55.8	-4.4						
st	24	-7804.7	0.0	55.8	-61.4						
sc	26	-7804.7	0.0	55.8	-70.0						
Sommità											
sc Max	26	-7804.7	0.0	55.8	-4.7						
sc Med	26	-7804.7	0.0	55.8	-4.4						
st	24	-7804.7	0.0	55.8	-61.4						
sc	26	-7804.7	0.0	55.8	-70.0						

▲Verifiche a Taglio

Nodi	Comb.	V _u [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M _{u2} [kgm]	V _{red} [kg]	V _{u2,corrente} [kg]	V _u [kg]
4785.4936	13	-3062.9	1.00	-3062.9	-9084.1	78.9	62910.7	18719.9	96317.0	0.16	

▲Setto : 4935 5084 5085 4936 / Sezione 52

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{u2} [kgm]	M _{u1} [kgm]	Sd/Sr
Base	1	-11720.1	0.0	-196	0.03
Sommità	12	-10241.8	0.0	7855	0.04

S.L.E.	Combinazione	N [kg]	M _{u2} [kgm]	M _{u1} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-7976.8	0.0	-13.3	-4.6
sc Med	26	-7976.8	0.0	-13.3	-4.5
st	24	-7976.8	0.0	-13.3	-66.1
sc	26	-7976.8	0.0	-13.3	-68.1
Sommità					
sc Max	26	-7976.8	0.0	-13.3	-4.6
sc Med	26	-7976.8	0.0	-13.3	-4.5
st	24	-7976.8	0.0	-13.3	-66.1
sc	26	-7976.8	0.0	-13.3	-68.1

▲Verifiche a Taglio

Nodi	Comb.	V _u [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M _{u2} [kgm]	V _{red} [kg]	V _{u2,corrente} [kg]	V _u [kg]
4935.5085	13	-3286.0	1.00	-3286.0	-9525.6	-302	62910.7	18719.9	96317.0	0.18	

▲Setto : 5084 5234 5235 5085 / Sezione 52

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{u2} [kgm]	M _{u1} [kgm]	Sd/Sr
Base	1	-12458.1	0.0	-1100	0.04
Sommità	12	-11204.2	0.0	10812	0.05

S.L.E.	Combinazione	N [kg]	M _{u2} [kgm]	M _{u1} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-8397.6	0.0	-711	-5.2
sc Med	26	-8397.6	0.0	-711	-4.7
st	24	-8397.6	0.0	-711	-65.2
sc	26	-8397.6	0.0	-711	-76.1
Sommità					
sc Max	26	-8397.6	0.0	-711	-5.2
sc Med	26	-8397.6	0.0	-711	-4.7

[5385.5534 | 12 | -7124.3 | 1.00 | -7124.3 | -10465.8 | -389.0 | 629107 | 18719.9 | 97390.1 | 0.38 |

▲Setto : 5533 6633 6034 5534 / Sezione 52

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	2887.5	0.0	43.3	0.03	
Sommità	12	921.4	0.0	-187.55	0.13	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-677.7	0.0	9.9	-0.4
sc Med	26	-677.7	0.0	9.9	-0.4
st	20	-608.5	0.0	12.8	-4.1
sc	26	-677.7	0.0	9.9	-6.5
Sommità					
sc Max	26	-677.7	0.0	9.9	-0.4
sc Med	26	-677.7	0.0	9.9	-0.4
st	20	-608.5	0.0	12.8	-4.1
sc	26	-677.7	0.0	9.9	-6.5

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₂ [kgm]	V _{12,corrente} [kg]	V _e [kg]
5533.6034	12	7387.7	1.00	7387.7	1887.5	43.3	62910.7	18719.9	26634.9	0.39

▲Setto : 6035 5622 5623 6036 / Sezione 62

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	16	-207.24.4	0.0	1436.8	0.38
Sommità	16	22690.7	0.0	-33.7	0.31

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-7339.5	0.0	-288.4	-6.0
sc Med	26	-7339.5	0.0	-288.4	-4.1
st	24	-7339.5	0.0	-288.4	-39.6
sc	26	-7339.5	0.0	-288.4	-83.9
Sommità					
sc Max	26	-7339.5	0.0	-288.4	-6.0
sc Med	26	-7339.5	0.0	-288.4	-4.1
st	24	-7339.5	0.0	-288.4	-39.6
sc	26	-7339.5	0.0	-288.4	-83.9

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₂ [kgm]	V _{12,corrente} [kg]	V _e [kg]
6035.5623	13	7717.1	1.00	7717.1	-35521.5	-2007.9	62910.7	18719.9	10212.5	0.41

▲Setto : 5622 5674 5675 5623 / Sezione 62

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

st	24	-5626.4	0.0	-79.5	-41.2
sc	26	-5626.4	0.0	-79.5	-53.4

▲Verifiche a Taglio

Nodi		V _α	α	V _α	N _α	M _α	V _{res}	M ₁₂	V _{res}	V _α	V _α	V _α
Comb.		[kg]		[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]
5832 5885	16	-2800.5	1.00	-2800.5	-2800.5	-12596.4	110.2	62910.7	18719.9	9852.9	0.15	

▲Setto : 5884 5937 5938 5885 / Sezione 62

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _α	M _α	M ₁₂	M ₁₃	Sd/Sr
Base	16	-5047.4	0.0	-272.9	0.03	
Sommità	16	-8938.8	0.0	1281.1	0.05	

S.L.E.	Combinazione	N	M ₁₂	M ₁₃	σ
		[kg]	[kg/m]	[kg/m]	[kg/cm ²]
Base	sc Max	26	-5466.1	0.0	-137.1
	sc Med	26	-5466.1	0.0	-137.1
	st	24	-5466.1	0.0	-137.1
	sc	26	-5466.1	0.0	-137.1
Sommità	sc Max	26	-5466.1	0.0	-137.1
	sc Med	26	-5466.1	0.0	-137.1
	st	24	-5466.1	0.0	-137.1
	sc	26	-5466.1	0.0	-137.1

▲Verifiche a Taglio

Nodi		V _α	α	V _α	N _α	M _α	V _{res}	M ₁₂	V _{res}	V _α	V _α	V _α
Comb.		[kg]		[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]
5884 5938	16	-4197.5	1.00	-4197.5	-9047.4	-272.9	62910.7	18719.9	96374.3	0.22		

▲Setto : 5937 6135 6223 5938 / Sezione 62

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _α	M _α	M ₁₂	M ₁₃	Sd/Sr
Base	13	3207.3	0.0	1194.2	0.12	
Sommità	13	1580.1	0.0	-3173.9	0.23	

S.L.E.	Combinazione	N	M ₁₂	M ₁₃	σ
		[kg]	[kg/m]	[kg/m]	[kg/cm ²]
Base	sc Max	26	-7100.1	0.0	-429.8
	sc Med	26	-7100.1	0.0	-429.8
	st	24	-7100.1	0.0	-429.8
	sc	26	-7100.1	0.0	-429.8
Sommità	sc Max	26	-7100.1	0.0	-429.8
	sc Med	26	-7100.1	0.0	-429.8
	st	24	-7100.1	0.0	-429.8
	sc	26	-7100.1	0.0	-429.8

▲Verifiche a Taglio

Nodi		V _α	α	V _α	N _α	M _α	V _{res}	M ₁₂	V _{res}	V _α	V _α	V _α
Comb.		[kg]		[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]

Base	26	-6291.1	0.0	-89.7	-4.1
sc Max	26	-6291.1	0.0	-89.7	-3.5
sc Med	26	-6291.1	0.0	-89.7	-46.0
st	24	-6291.1	0.0	-89.7	-46.0
sc	26	-6291.1	0.0	-89.7	-59.8
Sommità					
sc Max	26	-6291.1	0.0	-89.7	-4.1
sc Med	26	-6291.1	0.0	-89.7	-3.5
st	24	-6291.1	0.0	-89.7	-46.0
sc	26	-6291.1	0.0	-89.7	-59.8

▲Verifiche a Taglio

Nodi		V _α	α	V _α	N _α	M _α	V _{res}	M ₁₂	V _{res}	V _α	V _α	V _α
Comb.		[kg]		[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]
5772 5780	13	2486.4	1.00	2486.4	-23099.5	-504.9	62910.7	18719.9	103377.0	0.13		

▲Setto : 5779 5832 5833 5780 / Sezione 62

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _e [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	16	6033.4	0.0	206.2	0.10
Sommità	17	5049.2	0.0	325.8	0.09

S.L.E.	Combinazione	N	M ₁₂	M ₁₃	σ
		[kg]	[kg/m]	[kg/m]	[kg/cm ²]
Base	sc Max	26	-5910.8	0.0	-84.8
	sc Med	26	-5910.8	0.0	-84.8
	st	24	-5910.8	0.0	-84.8
	sc	26	-5910.8	0.0	-84.8
Sommità	sc Max	26	-5910.8	0.0	-84.8
	sc Med	26	-5910.8	0.0	-84.8
	st	24	-5910.8	0.0	-84.8
	sc	26	-5910.8	0.0	-84.8

▲Verifiche a Taglio

Nodi		V _α	α	V _α	N _α	M _α	V _{res}	M ₁₂	V _{res}	V _α	V _α	V _α
Comb.		[kg]		[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]
5779 5833	13	2497.4	1.00	2497.4	-17962.7	-377.8	62910.7	18719.9	101872.3	0.13		

▲Setto : 5832 5884 5885 5833 / Sezione 62

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _α [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	13	1578.5	0.0	-272.6	0.04
Sommità	16	-11719.7	0.0	578.5	0.04

S.L.E.	Combinazione	N	M ₁₂	M ₁₃	σ
		[kg]	[kg/m]	[kg/m]	[kg/cm ²]
Base	sc Max	26	-5626.4	0.0	-79.5
	sc Med	26	-5626.4	0.0	-79.5
	st	24	-5626.4	0.0	-79.5
	sc	26	-5626.4	0.0	-79.5
Sommità	sc Max	26	-5626.4	0.0	-79.5
	sc Med	26	-5626.4	0.0	-79.5
	st	24	-5626.4	0.0	-79.5
	sc	26	-5626.4	0.0	-79.5

Sezione	Comb.	N _{tot} [kgm]	M ₁₀ [kgm]	M ₁₁ [kgm]	Sd/Sr
Base	16	1912.8	0.0	509.5	0.06
Sommità	16	2134.4	0.0	1013.5	0.09

S.L.E.	Combinazione	N	M ₅₀ [μm]	M ₁₀ [μm]	σ [log/cm]
Base	sc Max	26	-42580.0	0.0	-102.1
	sc Med	26	-42580.0	0.0	-102.1
	sc Min	26	-42580.0	0.0	-102.1
	σ	24	-42580.0	0.0	-28.0
Sommità	sc Max	26	-42580.0	0.0	-102.1
	sc Med	26	-42580.0	0.0	-102.1
	sc Min	26	-42580.0	0.0	-102.1
	σ	24	-42580.0	0.0	-28.0
Base	sc Max	26	-42580.0	0.0	-102.1
	sc Med	26	-42580.0	0.0	-102.1
	sc Min	26	-42580.0	0.0	-102.1
	σ	24	-42580.0	0.0	-28.0
Sommità	sc Max	26	-42580.0	0.0	-102.1
	sc Med	26	-42580.0	0.0	-102.1
	sc Min	26	-42580.0	0.0	-102.1
	σ	24	-42580.0	0.0	-28.0

[illegible]

▲Setto : 5728 5780 5781 5729 / Sezione 62

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N ₅₄ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	669.3	0.0	-557.1	0.05
Sommità	13	423.5	0.0	-1081.7	0.08

S.L.E.	Combinazione	N	M ₅₀ [g/gm]	M ₁₀ [g/gm]	σ [kg/cm ²]
Base	Base				
	sc Max	26	-4063.8	0.0	-936
	sc Med	26	-4063.8	0.0	-936
	sc	24	-4063.8	0.0	-936
Sommità	Base	26	-4063.8	0.0	-936
	sc Max	26	-4063.8	0.0	-936
	sc Med	26	-4063.8	0.0	-936
	sc	24	-4063.8	0.0	-936

Nodi	Comb.	V_d [kg]	α	V_{ed} [kg]	N_{ed} [kg]	M_{ed} [kg]	V_{red} [kg]	V_{red} [kg]	V_{red} [kg]	V_d [kg]
5728 5781	13	6537.8	1.00	6537.8	257.4	-501.8	62910.7	18719.9	37425.4	0.35

▲Setto : 5780 5833 5834 5781 / Sezione 62

▲Armatore su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N ₄₄ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	17	-7165.0	0.0	233.7	0.02
Sommità	13	-585.7	0.0	-1216.4	0.07

S.I.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
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5937 6223	16	-12507.0	1.00	-12507.0	-17760.5	-2077.4	62910.7	18719.9	82976.6	0.67
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▲Setto : 6036 5623 5624 6176 / Sezione 62

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N ₄ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	16	2971.8	0.0	515.4	0.07
Sommità	16	2760.3	0.0	263.4	0.05

S.I.E.	Combinazione	N	M _{1,2} [g/g]	M ₁ [g/g]	σ [g/cm ³]
Base	Base	26	-41.38.2	0.0	-82.1
	sc Mac	26	-41.38.2	0.0	-2.8
	sc Med	26	-41.38.2	0.0	-2.3
	sc St	24	-41.38.2	0.0	-28.4
Sommità	Base	26	-41.38.2	0.0	-82.1
	sc Mac	26	-41.38.2	0.0	-2.8
	sc Med	26	-41.38.2	0.0	-2.3
	sc St	24	-41.38.2	0.0	-28.4
Sf	Base	26	-41.38.2	0.0	-82.1
	sc	26	-41.38.2	0.0	-41.0

Nodi	Comb.	V_d [kg]	α	V_{fd} [kg]	N_{fd} [kg]	M_{fd} [kg]	V_{fd} [kg]	V_{fd} [kg]	$V_{Red,contorno}$ [kg]	V_d/V_e
6036 5624	16	-2074.5	1.00	-2074.5	2971.8	515.4	62910.7	18719.9	32783.5	0.11

▲Setto : 5623 5675 5676 5624 / Sezione 62

▲Armatore su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _d [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	16	3233.7	0.0	592.0	0.08
Sommità	16	3652.7	0.0	805.1	0.10

S.L.E.	Combinazione	N	M ₀ [kgm]	M ₁ [kgm]	σ [kg/cm ²]
Base					
	sc Max	26	-4352.5	0.0	-112.6
	sc Med	26	-4352.5	0.0	-112.6
	sc	24	-4352.5	0.0	-112.6
	sc	26	-4352.5	0.0	-112.6
	sc	26	-4352.5	0.0	-112.6
Sommità					
	sc Max	26	-4352.5	0.0	-112.6
	sc Med	26	-4352.5	0.0	-112.6
	sc	24	-4352.5	0.0	-112.6
	sc	26	-4352.5	0.0	-112.6
	sc	26	-4352.5	0.0	-112.6

Nodi	Comb.	V_d [kg]	α	$V_{d,d}$ [kg]	$N_{d,s}$	$M_{d,d}$ [kg]	V_{rod} [kg]	V_{rod} [kg]	$V_{d,continuo}$	V_s/V_s	
5623	5676	13	6271.5	1.00	6271.5	-11952.1	-815.1	629107	187199	92428.9	0.34

▲Setto : 5675 5728 5729 5676 / Sezione 62

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

st	24	-2901.9	0.0	-109.7	-16.0
sc	26	-2901.9	0.0	-109.7	-32.9

▲Verifiche a Taglio

Nodi		V _z [kg]	α	V _z [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M _{1z} [kgm]	V _{red} [kg]	V _{accidentale} [kg]	V _z [kg]
5885 5939		16	7569.4	1.00	7569.4	-4784.7	172.8	62910.7	18719.9	93674.8	0.40

▲Setto : 5938 6223 6137 5939 / Sezione 62

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M _{1z} [kgm]	Sd/Sr
Base	12	3038.0	0.0	116.9	0.05
Sommità	12	3282.6	0.0	-513.6	0.08

S.L.E.	Combinazione	N [kg]	M _{1z} [kgm]	M _{1z} [kgm]	σ [kg/cm²]
Base	sc Max	26	-1281.0	0.0	-104.1
	sc Med	26	-1281.0	0.0	-104.1
	st	21	-1314.3	0.0	-108.7
	sc	26	-1281.0	0.0	-104.1
Sommità	sc Max	26	-1281.0	0.0	-104.1
	sc Med	26	-1281.0	0.0	-104.1
	st	21	-1314.3	0.0	-108.7
	sc	26	-1281.0	0.0	-104.1

▲Verifiche a Taglio

Nodi		V _z [kg]	α	V _z [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M _{1z} [kgm]	V _{red} [kg]	V _{accidentale} [kg]	V _z [kg]
5938 6137		12	2931.4	1.00	2931.4	3038.0	116.9	62910.7	18719.9	27826.4	0.16

▲Setto : 6176 5624 5625 6038 / Sezione 62

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M _{1z} [kgm]	Sd/Sr
Base	12	6821.0	0.0	-614.1	0.13
Sommità	12	6451.6	0.0	43.2	0.09

S.L.E.	Combinazione	N [kg]	M _{1z} [kgm]	M _{1z} [kgm]	σ [kg/cm²]
Base	sc Max	26	-1875.6	0.0	-89.3
	sc Med	21	-1875.1	0.0	-95.3
	st	20	-1866.8	0.0	-105.6
	sc	26	-1875.6	0.0	-89.3
Sommità	sc Max	26	-1875.6	0.0	-89.3
	sc Med	21	-1875.1	0.0	-95.3
	st	20	-1866.8	0.0	-105.6
	sc	26	-1875.6	0.0	-89.3

▲Verifiche a Taglio

Nodi		V _z [kg]	α	V _z [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M _{1z} [kgm]	V _{red} [kg]	V _{accidentale} [kg]	V _z [kg]
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Base	26	-3810.4	0.0	-90.1	-2.7
sc Max	26	-3810.4	0.0	-90.1	-2.1
sc Med	24	-3810.4	0.0	-90.1	-25.1
st	24	-3810.4	0.0	-90.1	-39.0
sc	26	-3810.4	0.0	-90.1	-39.0
Sommità	26	-3810.4	0.0	-90.1	-2.7
sc Max	26	-3810.4	0.0	-90.1	-2.1
sc Med	24	-3810.4	0.0	-90.1	-25.1
st	24	-3810.4	0.0	-90.1	-39.0
sc	26	-3810.4	0.0	-90.1	-39.0

▲Verifiche a Taglio

Nodi		V _z [kg]	α	V _z [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M _{1z} [kgm]	V _{red} [kg]	V _{accidentale} [kg]	V _z [kg]
5780 5834		13	6593.6	1.00	6593.6	-757.5	-376.3	62910.7	18719.9	46207.7	0.35

▲Setto : 5833 5885 5886 5834 / Sezione 62

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M _{1z} [kgm]	Sd/Sr
Base	17	-5804.6	0.0	66.2	0.02
Sommità	13	-1057.8	0.0	-1403.6	0.08

S.L.E.	Combinazione	N [kg]	M _{1z} [kgm]	M _{1z} [kgm]	σ [kg/cm²]
Base	sc Max	26	-3494.2	0.0	-97.8
	sc Med	26	-3494.2	0.0	-97.8
	st	24	-3494.2	0.0	-97.8
	sc	26	-3494.2	0.0	-97.8
Sommità	sc Max	26	-3494.2	0.0	-97.8
	sc Med	26	-3494.2	0.0	-97.8
	st	24	-3494.2	0.0	-97.8
	sc	26	-3494.2	0.0	-97.8

▲Verifiche a Taglio

Nodi		V _z [kg]	α	V _z [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M _{1z} [kgm]	V _{red} [kg]	V _{accidentale} [kg]	V _z [kg]
5833 5886		13	6617.8	1.00	6617.8	-1348.7	-242.4	62910.7	18719.9	65681.1	0.35

▲Setto : 5885 5938 5939 5886 / Sezione 62

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M _{1z} [kgm]	Sd/Sr
Base	17	-6953.2	0.0	-162.9	0.02
Sommità	13	-679.6	0.0	-1542.0	0.09

S.L.E.	Combinazione	N [kg]	M _{1z} [kgm]	M _{1z} [kgm]	σ [kg/cm²]
Base	sc Max	26	-2901.9	0.0	-109.7
	sc Med	26	-2901.9	0.0	-109.7
	st	24	-2901.9	0.0	-109.7
	sc	26	-2901.9	0.0	-109.7
Sommità	sc Max	26	-2901.9	0.0	-109.7
	sc Med	26	-2901.9	0.0	-109.7
	st	24	-2901.9	0.0	-109.7
	sc	26	-2901.9	0.0	-109.7

Sezione	Comb.	N _d [kg]	M _{k2} [kgm]	M _{k1} [kgm]	Sd/Sr
Base	12	4741.6	0.0	-554.1	0.10
Sommità	12	4915.6	0.0	-961.0	0.13

S.L.E.	Combinazione	N	M ₅₀ [kgm]	M ₁₀ [kgm]	σ [g/cm ²]
Base	sc Max	26	-1834.9	0.0	-94.5
	sc Med	26	-1834.9	0.0	-94.5
	sc Min	26	-1881.2	0.0	-110.5
	st	20	-1881.2	0.0	-110.5
	sc	26	-1834.9	0.0	-94.5
	sc	26	-1834.9	0.0	-94.5
Sommità	sc Max	26	-1834.9	0.0	-94.5
	sc Med	26	-1834.9	0.0	-94.5
	sc Min	26	-1881.2	0.0	-110.5
	st	20	-1881.2	0.0	-110.5
	sc	26	-1834.9	0.0	-94.5
	sc	26	-1834.9	0.0	-94.5

Nodi		Comb.	V_d [kg]	α	$V_{d,i}$ [kg]	$N_{d,i}$	$M_{d,i}$ [kg]	$V_{f,i}$ [kg]	$V_{f,i}$ [kg]	$V_{d,i}$ continuo [kg]	V_c [kg]
5729	5782	13	65.275	1.00	65275	3834.9	-499.1	62910.7	18719.9	31911.9	1035

▲Setto : 5781 5834 5835 5782 / Sezione 62

▲Arnature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _d [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	3244.4	0.0	-417.1	0.07
Sommità	12	3434.8	0.0	-1072.2	0.12

S.L.E.	Combinazione	N	M ₅₀ [kgm]	M ₁₀ [kgm]	σ [kg/cm ²]
Base					
	sc Max	26	-1709.4	0.0	-865
	sc Med	26	-1709.4	0.0	-865
	sc	20	-1774.1	0.0	-1007
Sommità					
	sc Max	26	-1709.4	0.0	-865
	sc Med	26	-1709.4	0.0	-865
	sc	20	-1774.1	0.0	-1007

Noti	Comb.	V_d [kg]	α	V_{d1} [kg]	N_{d1} [kg]	M_{d1} [kg]	V_{d1} [kg]	V_{d1} [kg]	V_{d1} [kg]
5781.5835	13	64897	1.00	64897	25229	-377.4	62910.7	18719.9	321.93.9 0.35

▲Setto : 5834 5886 5887 5835 / Sezione 62

▲Arnature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{1d} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	1774.8	0.0	-277.3	0.04
Sommità	13	1418.7	0.0	-1318.1	0.10

S.I.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
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6176	5625	16	-2312.9	1.00	-2312.9	-9540.8	508.8	62910.7	18719.9	95244.5	0.12
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▲Setto : 5624 5676 5677 5625 / Sezione 62

▲Armatore su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N_{el} [kg]	M_{12} [kgm]	M_{13} [kgm]	Sd/Sr
Base	12	7484.6	0.0	-711.3	0.15
Sommità	12	7969.9	0.0	-637.0	0.15

S.L.E.	Combinazione	N [kg]	M ₂ [kgm]	M ₁ [kgm]	σ [kg/cm ²]
Base	sc Max	26	-1885.6	0.0	-87.9
		21	-1882.4	0.0	-94.1
		20	-1880.0	0.0	-105.0
	sc	26	-1885.6	0.0	-87.9
		21	-1882.4	0.0	-94.1
		20	-1880.0	0.0	-105.0
Sommità	sc Max	26	-1885.6	0.0	-87.9
		21	-1882.4	0.0	-94.1
		20	-1880.0	0.0	-105.0
	sc	26	-1885.6	0.0	-87.9
		21	-1882.4	0.0	-94.1
		20	-1880.0	0.0	-105.0

Nodi	Comb.	V_d [kg]	α	V_{id} [kg]	N_{id} [kg]	M_{id} [kg]	V_{oid} [kg]	V_{oid} [kg]	$V_{ad,contorno}$ [kg]	V_d/V_e
5624 5677	16	-6078.0	1.00	-6078.0	-10114.0	622.6	62910.7	18719.9	93159.1	0.32

▲Setto : 5676 5729 5730 5677 / Sezione 62

▲Armatore su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{tot} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	6091.6	0.0	-635.7	0.12
Sommità	12	6347.8	0.0	-815.5	0.14

S.L.E.	Combinazione	N	M ₂ [kgm]	M ₁ [kgm]	σ [kg/cm ²]
Base	Base				
	sc Max	26	-1937,9	0,0	-98,4
	sc Med	26	-1937,9	0,0	-11,1
	sc	20	-1965,8	0,0	-115,9
Sommità	Base	26	-1937,9	0,0	-98,4
	sc Max	26	-1937,9	0,0	-98,4
	sc Med	26	-1937,9	0,0	-11,1
	sc	20	-1965,8	0,0	-115,9

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▲Setto : 5729 5781 5782 5730 / Sezione 62

▲Armatore su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

st	26	-31.0	0.0	-35.2	10.2
sc	21	-14.0	0.0	-36.8	-3.8

▲Verifiche a Taglio

Nodi	Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{scrimano} [kg]	V _i [kg]
5939 5988	12	4506.9	1.00	4506.9	706.2	-103.1	62910.7	18719.9	31824.6

▲Setto : 6038 5625 5626 6039 / Sezione 62

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	13	29583.5	0.0	-1884.7	0.53	
Sommità	13	32530.9	0.0	56.1	0.45	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-392.5	0.0	-93.0	-1.0
sc Med	26	-392.5	0.0	-93.0	-0.5
st	26	-392.5	0.0	-93.0	11.4
sc	26	-392.5	0.0	-93.0	-12.1
Sommità					
sc Max	26	-392.5	0.0	-93.0	-1.0
sc Med	26	-392.5	0.0	-93.0	-0.5
st	26	-392.5	0.0	-93.0	11.4
sc	26	-392.5	0.0	-93.0	-12.1

▲Verifiche a Taglio

Nodi	Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{scrimano} [kg]	V _i [kg]
6038 5626	17	-7205.5	1.00	-7205.5	-26942.8	1495.1	62910.7	18719.9	100681.9

▲Setto : 5625 5677 5678 5626 / Sezione 62

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	28976.9	0.0	-806.0	0.45	
Sommità	12	27644.7	0.0	30.6	0.38	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	21	418.0	0.0	-108.8	-0.9
sc Med	20	690.4	0.0	-121.0	0.0
st	26	250.9	0.0	-101.6	49.2
sc	21	418.0	0.0	-108.8	-5.2
Sommità					
sc Max	21	418.0	0.0	-108.8	-0.9
sc Med	20	690.4	0.0	-121.0	0.0
st	26	250.9	0.0	-101.6	49.2
sc	21	418.0	0.0	-108.8	-5.2

▲Verifiche a Taglio

Nodi	Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{scrimano} [kg]	V _i [kg]
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Base									
sc Max	26	-1507.1	0.0	-75.9	-1.3				
sc Med	26	-1507.1	0.0	-75.9	-0.8				
st	20	-1579.6	0.0	-87.9	-6.5				
sc	26	-1507.1	0.0	-75.9	-18.5				
Sommità									
sc Max	26	-1507.1	0.0	-75.9	-1.3				
sc Med	26	-1507.1	0.0	-75.9	-0.8				
st	20	-1579.6	0.0	-87.9	-6.5				
sc	26	-1507.1	0.0	-75.9	-18.5				

▲Verifiche a Taglio

Nodi	Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{scrimano} [kg]	V _i [kg]
5834 5887	13	6338.4	1.00	6338.4	12286.2	252.8	62910.7	18719.9	32959.6

▲Setto : 5886 5939 5940 5887 / Sezione 62

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	143.2	0.0	-176.9	0.01	
Sommità	12	427.8	0.0	-1193.5	0.08	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-1022.0	0.0	-27.7	-0.8
sc Med	26	-1022.0	0.0	-27.7	-0.6
st	20	-1066.8	0.0	-32.8	-6.5
sc	26	-1022.0	0.0	-27.7	-10.7
Sommità					
sc Max	26	-1022.0	0.0	-27.7	-0.8
sc Med	26	-1022.0	0.0	-27.7	-0.6
st	20	-1066.8	0.0	-32.8	-6.5
sc	26	-1022.0	0.0	-27.7	-10.7

▲Verifiche a Taglio

Nodi	Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{scrimano} [kg]	V _i [kg]
5886 5940	12	5510.9	1.00	5510.9	143.2	-176.9	62910.7	18719.9	36528.0

▲Setto : 5939 6137 5988 5940 / Sezione 62

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	706.2	0.0	-103.1	0.02	
Sommità	12	782.8	0.0	-1041.9	0.08	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-31.0	0.0	-35.2	-0.4
sc Med	26	-31.0	0.0	-35.2	-0.2
st	26	-31.0	0.0	-35.2	10.2
sc	21	-14.0	0.0	-36.8	-3.8
Sommità					
sc Max	26	-31.0	0.0	-35.2	-0.4
sc Med	26	-31.0	0.0	-35.2	-0.2

Sezione	Comb.	N ₆₀ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	14069.8	0.0	-407.3	0.22
Sommità	12	13023.8	0.0	-204.2	0.19

S.L.E.	Combinazione	N	M ₁₀ [μg/m]	M ₁₀ [μg/m]	log cm ⁻¹
Base	Base				
	sc Max	21	577.6	0.0	-99.2
	sc Med	20	779.9	0.0	-109.4
	sc Min	26	482.5	0.0	-94.2
	sc	21	577.6	0.0	-99.2
Sommità	Sommità				
	sc Max	21	577.6	0.0	-99.2
	sc Med	20	779.9	0.0	-109.4
	sc Min	26	482.5	0.0	-94.2
	sc	21	577.6	0.0	-99.2

Nodi	Comb.	V_d [kg]	α	V_{ed} [kg]	N_{ed} [kg]	M_{ed} [kg]	V_{red} [kg]	V_{fd} [kg]	V_{fd} scintinato	V_d/V_f	
5782	5836	13	25368	1.00	25368	122870	-3685	629107	18719.9	26876.8	0.34

▲Setto : 5835 5887 5888 5836 / Sezione 62

▲Armatore su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _e [kg]	M ₂ [kgm]	M ₃ [kgm]	Sd/Sr
Base	12	9228.4	0.0	-277.6	0.14
Sommità	12	8198.5	0.0	-295.3	0.13

S.L.E.	Combinazione	N	M ₂₅ [kgm]	M ₁₀ [kgm]	σ [kg/cm ²]
Base	sc Max	21	525.4	0.0	-87.5
	sc Med	20	697.1	0.0	-96.4
	sc Min	20	697.1	0.0	-87.5
	sc	26	456.1	0.0	-83.5
Sommola	sc Max	21	525.4	0.0	-87.5
	sc Med	20	697.1	0.0	-96.4
	sc Min	20	697.1	0.0	-87.5
	sc	21	525.4	0.0	-83.5

Nodi	Comb.	V_d [kg]	α	V_{fd} [kg]	N_{fd} [kg]	M_{fd} [kg]	V_{fud} [kg]	$V_{fd, \text{poorimento}}$ [kg]	V_f/V_g
5835-5888	13	2409.4	1.00	2409.4	7989.5	-2533.3	62910.7	18719.9	271.9 ± 0.13

▲Setto : 5887 5940 5941 5888 / Sezione 62

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	$N_{d,i}$ [kg]	M_{12} [kgm]	M_{13} [kgm]	Sd/Sr
Base	12	4668.6	0.0	35.9	0.07
Sommità	12	3712.6	0.0	-477.7	0.08

S.I.E.	Combinazione	N [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	σ [kg/cm ²]
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5625	5678	16	-2928.5	1.00	-2928.5	-25127.9	701.7	62910.7	18719.9	103377.0	0.16
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▲Setto : 5677 5730 5731 5678 / Sezione 62

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{el} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	23936.1	0.0	-605.6	0.37
Sommità	12	22855.8	0.0	24.8	0.31

S.L.E.	Combinazione	N	M _z [kgm]	M ₁ [kgm]	σ [kg/cm ²]
Base	sc Max	21	546.7	0.0	-104.3
	sc Med	20	799.5	0.0	-115.3
	sc Min	26	404.2	0.0	-98.4
	st	26	404.2	0.0	-98.4
	sc	21	546.7	0.0	-104.3
	st	26	404.2	0.0	-98.4
Sommità	sc Max	21	546.7	0.0	-104.3
	sc Med	20	799.5	0.0	-115.3
	sc Min	26	404.2	0.0	-98.4
	st	26	404.2	0.0	-98.4
	sc	21	546.7	0.0	-104.3
	st	26	404.2	0.0	-98.4

[illegible]

▲ Verifiche a Taglio

▲Setto : 5730 5782 5783 5731 / Sezione 62

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	M_{fd} [kg]	M_{12} [kgm]	M_{13} [kgm]	Sd/Sr
Base	12	18993.0	0.0	-557.6	0.30
Sommità	12	17927.8	0.0	-73.5	0.25

S.L.E.	Combinazione	N	M ₅₀ [kgm]	M ₁₀ [kgm]	σ [kg/cm ²]
Base	sc	21	589,8	0,0	-104,3
	sc Max				-0,7
	sc Med	20	819,2	0,0	-115,3
	sc	26	470,2	0,0	-98,7
	sc	21	589,8	0,0	-104,3
Sommità	sc	21	589,8	0,0	-104,3
	sc Max				-0,7
	sc Med	20	819,2	0,0	-115,3
	sc	26	470,2	0,0	-98,7
	sc	21	589,8	0,0	-104,3

Nodi	Comb.	V _d	α	V _{fd}	N _{fd}	M _{fd}	V _{red}	V _{fid}	V _{A0,corrimto}	V _{f/Ve}
		[kg]		[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	
5730	5783	13	25269	100	2526,9	-5026	629107	18719,9	26905,0	0,13

▲ Verifiche a Taglio

▲Setto : 5782 5835 5836 5783 / Sezione 62

▲Armatore su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

▲ Verifiche a Taglio

st	24	-11694.3	0.0	-367.5	-70.3
sc	26	-11694.3	0.0	-367.5	-126.5

[illegible]

▲Setto : 485 631 632 486 / Sezione 12

▲Arnature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{tot} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-16416.3	0.0	-506.6	0.05
Sommità	15	-10692.0	0.0	-1735.3	0.06

S.I.E.	Combinazione	N [kg]	M ₂ [kgm]	M ₁ [kgm]	σ [cm ²]
Base					
	sc Max	26	-1281.7	0.0	-326.1
	sc Med	26	-1281.7	0.0	-326.1
	sc	26	-1281.7	0.0	-326.1
Sommità					
	sc Max	26	-1281.7	0.0	-326.1
	sc Med	26	-1281.7	0.0	-326.1
	sc	26	-1281.7	0.0	-326.1

▲ Verifiche a Taglio

Noti	Comb.	V _d	α	V _{ld}	N _{ld}	M _{ld}	V _{Kcd}	V _{Kd}	V _{Rcd,corrimiento}	V _f /V _R
		[kg]		[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	
485 632	15	8864.3	1.00	8864.3	-11663.3	-5517	62910.7	33973.1	98339.3	0.26

▲Setto : 631 776 777 632 / Sezione 12

▲Armatore su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-16902.1	0.0	-361.6	0.05
Sommità	1	-16797.7	0.0	-1242.9	0.07

S.L.E.	Combinazione	N	M ₂₀ [g/g]	M ₁₀ [g/g]	σ [g/cm ³]
Base		26	-11709.9	0.0	-234.4
	sc	26	-11709.9	0.0	-81
	sc Max	26	-11709.9	0.0	-234.4
	sc Med	26	-11709.9	0.0	-66
	st	24	-11709.9	0.0	-806
Sommità		26	-11709.9	0.0	-234.4
	sc	26	-11709.9	0.0	-1164
	sc Max	26	-11709.9	0.0	-234.4
	sc Med	26	-11709.9	0.0	-66
	st	24	-11709.9	0.0	-806
	sc	26	-11709.9	0.0	-234.4
		26	-11709.9	0.0	-1164

▲Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Ed} [kg]	V_{Ed} [kg]	$V_{Ed, \text{carrimento}}$ [kg]	V_s/V_a
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	Base			Summita		
sc Max	21	132.9	0.0	21	132.9	0.0
sc Med	20	248.2	0.0	20	248.2	0.0
st	24	105.5	0.0	24	105.5	0.0
sc	21	132.9	0.0	21	132.9	0.0
sc Max	21	132.9	0.0	21	132.9	0.0
sc Med	20	248.2	0.0	20	248.2	0.0
st	24	105.5	0.0	24	105.5	0.0
sc	21	132.9	0.0	21	132.9	0.0

Nodi	Comb.	V _d [kg]	α	V _{fid} [kg]	N _{fid} [kg]	M _{fid} [kg]	V _{fid} [kg]	V _{fid, accorinto} [kg]	V _d / V _e
5887 5941	12	2398.9	100	2398.9	4668.6	35.9	62910.7	18719.9	26634.9 0.13

▲ Verifiche a Taglio

▲Setto : 5940 5988 5989 5941 / Sezione 62

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 12 20' [cm]

Sezione	Comb.	N _{6d} [kg]	M ₁₂ [kgm]	M ₁₁ [kgm]	Sd/Sr
Base	12	3.8	0.0	203.3	0.01
Sommità	12	-370.2	0.0	-896.6	0.05

S.L.E.	Combinazione	N	k	M ₂ [µg/m]	M ₃ [µg/m]	σ [µg/m]
Base	Base	26	-1072.7	0.0	155.0	-1.7
	sc. Max	26	-1072.7	0.0	155.0	-0.9
	sc. Med	26	-1072.7	0.0	155.0	6.2
	sc.	26	-1072.7	0.0	155.0	-21.9
Sommità	Base	26	-1072.7	0.0	155.0	-1.7
	sc. Max	26	-1072.7	0.0	155.0	-0.9
	sc. Med	26	-1072.7	0.0	155.0	6.2
	sc.	26	-1072.7	0.0	155.0	-21.9

▲ Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	V_{fd} [kg]	N_{fd} [kg]	M_{fd} [kg]	V_{fnd} [kg]	V_{fnd} [kg]	V_{fnd} [kg]	V_{fnd} [kg]	V_{fnd} [kg]	V_{fnd} [kg]
5940	5989	12	2754.3	1.00	2754.3	3.8	203.3	62910.7	18719.9	37880.1	0.15	

▲Setto : 89 485 486 90 / Sezione 12

▲Armatore su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _d [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-17414,9	0,0	-560,2	0,06
Sommità	16	-14662,6	0,0	-1588,4	0,07

S.L.E.	Combinazione	N	M ₁₂ [kgm]	M ₁₁ [kgm]	σ [kg/cm ²]
Base					
	sc Max	26	-11.694.3	0.0	-3.67.5
	sc Med	26	-11.694.3	0.0	-3.67.5
	sc	24	-11.694.3	0.0	-3.67.5
Sommità					
	sc Max	26	-11.694.3	0.0	-3.67.5
	sc Med	26	-11.694.3	0.0	-3.67.5
	sc	26	-11.694.3	0.0	-3.67.5

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-24019.8	0.0	-43.0	0.07
Sommità	1	-24063.4	0.0	-1384.0	0.09

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-163740	0.0	20.8	-9.3
sc Med	26	-163740	0.0	20.8	-9.2
st	24	-163740	0.0	20.8	-136.2
sc	26	-163740	0.0	20.8	-139.4
Sommità					
sc Max	26	-163740	0.0	20.8	-9.3
sc Med	26	-163740	0.0	20.8	-9.2
st	24	-163740	0.0	20.8	-136.2
sc	26	-163740	0.0	20.8	-139.4

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{re} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{red} [kg]	V _{reacrimess} [kg]	V _e [kg]
1067.1214	16	7360.6	1.00	7360.6	-13356.7	99.1	62910.7	33973.1	98713.4	0.22

▲Setto : 1213 1358 1359 1214 / Sezione 12

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-25848.1	0.0	99.3	0.07
Sommità	1	-25542.4	0.0	-1553.5	0.09

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-17626.3	0.0	60.0	-10.3
sc Med	26	-17626.3	0.0	60.0	-9.9
st	24	-17626.3	0.0	60.0	-143.7
sc	26	-17626.3	0.0	60.0	-152.9
Sommità					
sc Max	26	-17626.3	0.0	60.0	-10.3
sc Med	26	-17626.3	0.0	60.0	-9.9
st	24	-17626.3	0.0	60.0	-143.7
sc	26	-17626.3	0.0	60.0	-152.9

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{re} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{red} [kg]	V _{reacrimess} [kg]	V _e [kg]
1213.1359	15	7720.4	1.00	7720.4	-17484.5	125.6	62510.7	33573.1	102333.4	0.23

▲Setto : 1358 6640 18376 1359 / Sezione 12

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	13	-24107.6	0.0	123.8	0.07
Sommità	13	-23706.0	0.0	-1456.5	0.09

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
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[631.777] | 15 | 8949.7 | 1.00 | 8949.7 | -10718.3 | -375.0 | 62910.7 | 33973.1 | 97521.6 | 0.25 |

▲Setto : 776 922 923 777 / Sezione 12

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-18788.9	0.0	-219.1	0.05
Sommità	1	-18933.3	0.0	-1123.7	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-12968.1	0.0	-143.8	-8.2
sc Med	26	-12968.1	0.0	-143.8	-7.3
st	24	-12968.1	0.0	-143.8	-98.1
sc	26	-12968.1	0.0	-143.8	-120.1
Sommità					
sc Max	26	-12968.1	0.0	-143.8	-8.2
sc Med	26	-12968.1	0.0	-143.8	-7.3
st	24	-12968.1	0.0	-143.8	-98.1
sc	26	-12968.1	0.0	-143.8	-120.1

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{re} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{red} [kg]	V _{reacrimess} [kg]	V _e [kg]
776.923	16	7320.1	1.00	7320.1	-10108.9	-251.2	62910.7	33973.1	96980.4	0.22

▲Setto : 922 1067 1068 923 / Sezione 12

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-21384.9	0.0	-87.4	0.06
Sommità	1	-21519.7	0.0	-1167.0	0.08

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-14651.8	0.0	-60.9	-8.6
sc Med	26	-14651.8	0.0	-60.9	-8.2
st	24	-14651.8	0.0	-60.9	-118.6
sc	26	-14651.8	0.0	-60.9	-127.9
Sommità					
sc Max	26	-14651.8	0.0	-60.9	-8.6
sc Med	26	-14651.8	0.0	-60.9	-8.2
st	24	-14651.8	0.0	-60.9	-118.6
sc	26	-14651.8	0.0	-60.9	-127.9

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{re} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{red} [kg]	V _{reacrimess} [kg]	V _e [kg]
922.1068	16	7094.5	1.00	7094.5	-11823.8	-87.2	62910.7	33973.1	97768.8	0.21

▲Setto : 1067 1213 1214 1068 / Sezione 12

▲Armature su ogni faccia: Verticali : ø 20 15' [cm], Orizzontali : ø 14 15' [cm]