

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	σ [kg/cm ²]
15474	sc Max 26	-17356.0	-3043.4	-59.0	-51.1
	sc Med 26	-17356.0	-3043.4	-59.0	-25.1
	sc Max 20	-16356.0	60.6	0.3	-161.3
	sc Med 20	-16356.0	60.6	0.3	-175.7
	sc Max 26	-16356.0	60.6	0.3	-11.9
	sc Med 26	-16356.0	60.6	0.3	-11.2

▲Pilastro: 79/14898 / L 3.75[m] / Sezione 1 B 35 [cm]H 55 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 12 2brx4br/15.0' x 375.0

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	σ _u [kg/cm ²]	σ ₁ [kg/cm ²]	Sd/Sr
79	13	-159131.1	20169.3	-15237.7	1.00	1.00	0.83
14898	1	-202915.1	-966.4	121604.4	1.00	1.00	0.63

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{med} [kg]	V _{ud} [kg]	Staffe
0.13	3.88	14441.6	26871.6	13189.5	32500.9 ø 12 2brx4br/15.0'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	σ [kg/cm ²]
79	Fl 20	-154209.6	6406.2	-8454.6	-12.2
	sc 20	-154209.6	6406.2	-8454.6	-1925.7
	sc Max 20	-154209.6	6406.2	-8454.6	-149.1
	sc Med 20	-154209.6	6406.2	-8454.6	-66.9
14898	Fl 21	-144866.9	-551.2	8604.1	-277.5
	sc 20	-152284.6	-678.2	9099.9	-1636.2
	sc Max 20	-152284.6	-678.2	9099.9	-126.2
	sc Med 20	-152284.6	-678.2	9099.9	-64.0

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	σ [kg/cm ²]
79	Fl 24	-141040.7	5722.2	-7631.7	-27.7
	sc 23	-143226.4	5789.6	-7767.3	-1772.7
	sc Max 23	-143226.4	5789.6	-7767.3	-137.1
	sc Med 23	-143226.4	5789.6	-7767.3	-61.9
14898	Fl 24	-139115.7	-555.3	8203.2	-269.2
	sc 23	-141301.4	-524.4	8360.3	-1506.6
	sc Max 23	-141301.4	-524.4	8360.3	-116.1
	sc Med 23	-141301.4	-524.4	8360.3	-59.3

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	σ _u [kg/cm ²]	σ ₁ [kg/cm ²]	Sd/Sr
79	Fl 26	-141040.7	5722.2	-7631.7	-27.7	-27.7	
	sc 26	-141040.7	5722.2	-7631.7	-1746.6	-1746.6	
	sc Max 26	-141040.7	5722.2	-7631.7	-135.0	-135.0	
	sc Med 26	-141040.7	5722.2	-7631.7	-60.9	-60.9	
14898	Fl 26	-139115.7	-555.3	8203.2	-269.2	-269.2	
	sc 26	-139115.7	-555.3	8203.2	-1488.5	-1488.5	
	sc Max 26	-139115.7	-555.3	8203.2	-114.3	-114.3	
	sc Med 26	-139115.7	-555.3	8203.2	-58.4	-58.4	

▲Pilastro: 14898/14998 / L 3.75[m] / Sezione 2 B 30 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 12 2brx4br/15.0' x 62.5/ø 12 2brx4br/20.0' x 250.0/ø 12 2brx4br/15.0' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	σ _u [kg/cm ²]	σ ₁ [kg/cm ²]	Sd/Sr
14898	1	-166356.5	-3138.8	-8731.6	1.00	1.00	0.62
14998	1	-164406.5	241.1	10011.6	1.00	1.00	0.65

▲Verifiche a Taglio

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	σ [kg/cm ²]
15174	Fl 20	-51672.4	-5493.3	-120.3	255.1
	sc 20	-51672.4	-5493.3	-120.3	-1240.7
	sc Max 20	-51672.4	-5493.3	-120.3	-99.3
	sc Med 20	-51672.4	-5493.3	-120.3	-48.5
15274	Fl 20	-50672.4	6237.8	64.5	443.6
	sc 20	-50672.4	6237.8	64.5	-1335.9
	sc Max 20	-50672.4	6237.8	64.5	-108.6
	sc Med 20	-50672.4	6237.8	64.5	-53.6

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	σ [kg/cm ²]
15174	Fl 23	-46900.6	-4952.4	-126.8	227.2
	sc 23	-46900.6	-4952.4	-126.8	-1124.2
	sc Max 23	-46900.6	-4952.4	-126.8	-90.0
	sc Med 23	-46900.6	-4952.4	-126.8	-43.8
15274	Fl 23	-45900.6	5580.9	83.4	389.0
	sc 23	-45900.6	5580.9	83.4	-1204.0
	sc Max 23	-45900.6	5580.9	83.4	-97.8
	sc Med 23	-45900.6	5580.9	83.4	-48.1

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	σ _u [kg/cm ²]	σ ₁ [kg/cm ²]	Sd/Sr
15174	Fl 26	-46897.6	-4800.8	-126.9	194.0	194.0	
	sc 26	-46897.6	-4800.8	-126.9	-1101.6	-1101.6	
	sc Max 26	-46897.6	-4800.8	-126.9	-87.9	-87.9	
	sc Med 26	-46897.6	-4800.8	-126.9	-42.8	-42.8	
15274	Fl 26	-45897.6	5453.8	79.9	357.0	357.0	
	sc 26	-45897.6	5453.8	79.9	-1184.0	-1184.0	
	sc Max 26	-45897.6	5453.8	79.9	-95.9	-95.9	
	sc Med 26	-45897.6	5453.8	79.9	-47.2	-47.2	

▲Pilastro: 15274/15474 / L 3.75[m] / Sezione 6 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2brx4br/12.5' x 62.5/ø 10 2brx4br/15.0' x 250.0/ø 10 2brx4br/12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	σ _u [kg/cm ²]	σ ₁ [kg/cm ²]	Sd/Sr
15274	15	-13122.9	-5826.5	353.9	1.00	1.00	0.31
15474	1	-22735.1	92.1	0.5	1.00	1.00	0.07

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{med} [kg]	V _{ud} [kg]	Staffe
0.13	0.75	6344.0	15754.8	2400.7	18233.1 ø 10 2brx4br/12.5'
0.75	3.25	6344.0	13129.0	2400.7	15194.2 ø 10 2brx4br/15.0'
3.25	3.88	6344.0	15754.8	2400.7	18233.1 ø 10 2brx4br/12.5'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	σ [kg/cm ²]
15274	Fl 20	-18438.0	-3476.9	-53.6	506.7
	sc 20	-18438.0	-3476.9	-53.6	-677.7
	sc Max 20	-18438.0	-3476.9	-53.6	-58.2
	sc Med 20	-18438.0	-3476.9	-53.6	-28.5
15474	Fl 21	-17339.4	64.4	0.2	-170.9
	sc 20	-17438.0	68.7	0.3	-187.8
	sc Max 20	-17438.0	68.7	0.3	-12.7
	sc Med 20	-17438.0	68.7	0.3	-12.0

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	σ _u [kg/cm ²]	σ ₁ [kg/cm ²]	Sd/Sr
15274	Fl 24	-17356.0	-3043.4	-59.0	410.7	410.7	
	sc 23	-17989.7	-3094.9	-63.5	-617.8	-617.8	
	sc Max 23	-17989.7	-3094.9	-63.5	-52.6	-52.6	
	sc Med 23	-17989.7	-3094.9	-63.5	-25.6	-25.6	
15474	Fl 24	-16356.0	60.6	0.3	-161.3	-161.3	
	sc 23	-16989.7	62.2	0.2	-182.4	-182.4	
	sc Max 23	-16989.7	62.2	0.2	-12.3	-12.3	
	sc Med 23	-16989.7	62.2	0.2	-11.7	-11.7	

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	σ _u [kg/cm ²]	σ ₁ [kg/cm ²]	Sd/Sr
15274	Fl 26	-17356.0	-3043.4	-59.0	410.7	410.7	
	sc 26	-17356.0	-3043.4	-59.0	-604.4	-604.4	

Nodo	Comb	N [kg]	M _u [kgm]	M _s [kgm]	M _u [kgm]	σ [kg/cm ²]
Combinazioni Quasi Permanenti						
15098	sc Med 23	-88565.8	-771.5	-3823.6	-42.5	
	Fl 23	-88565.8	1002.9	4062.4	-195.1	
	sc Max 23	-88565.8	1002.9	4062.4	-1627.2	
	sc Med 23	-88565.8	1002.9	4062.4	-136.7	
Combinazioni Quasi Permanenti						
14998	Fl 26	-88324.8	-732.7	-3754.0	-275.9	
	sc Med 26	-88324.8	-732.7	-3754.0	-1543.1	
	sc Max 26	-88324.8	-732.7	-3754.0	-128.2	
	sc Med 26	-88324.8	-732.7	-3754.0	-61.5	
15098	Fl 26	-87324.8	956.2	3980.4	-199.9	
	sc Med 26	-87324.8	956.2	3980.4	-1595.5	
	sc Max 26	-87324.8	956.2	3980.4	-133.9	
	sc Med 26	-87324.8	956.2	3980.4	-62.4	

▲Pilastr: 15098/15198 / L 3.75[m] / Sezione 4 B 25 [cm]H 40 [cm]
Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 10 2brx4br/12.5 x 62.5/ø 10 2brx4br/15.0 x 250.0/ø 10 2brx4br/12.5 x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _u [kgm]	M _s [kgm]	α _u	α _s	Sd/Sr
15098	1	-94490.6	-1513.4	-671.1	1.00	1.00	0.57
15198	1	-93190.6	1494.0	6108.2	1.00	1.00	0.57

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{ed2} [kg]	V _{ed1} [kg]	Staffe
0.13	0.75	6541.3	15754.8	7208.2	18233.1
0.75	3.25	6541.3	13129.0	7208.2	15194.2
3.25	3.88	6541.3	15754.8	7208.2	18233.1

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u [kgm]	M _s [kgm]	σ [kg/cm ²]
Combinazioni Rare					
15098	Fl 21	-66748.1	-1179.8	-4376.8	209.4
	sc 20	-70072.5	-1169.5	-4621.5	-1582.0
	sc Max 20	-70072.5	-1169.5	-4621.5	-140.4
	sc Med 20	-70072.5	-1169.5	-4621.5	-63.3
15198	Fl 21	-65748.1	1130.4	4334.3	207.7
	sc 20	-69672.5	1112.3	4575.1	-1557.3
	sc Max 20	-69672.5	1112.3	4575.1	-138.3
	sc Med 20	-69672.5	1112.3	4575.1	-62.6
Combinazioni Frequenti					
15098	Fl 23	-64994.8	-1155.6	-4251.6	202.2
	sc 23	-64994.8	-1155.6	-4251.6	-1466.5
	sc Max 23	-64994.8	-1155.6	-4251.6	-130.2
	sc Med 23	-64994.8	-1155.6	-4251.6	-58.3
15198	Fl 23	-63994.8	1108.1	4210.8	201.2
	sc 23	-63994.8	1108.1	4210.8	-1444.1
	sc Max 23	-63994.8	1108.1	4210.8	-128.3
	sc Med 23	-63994.8	1108.1	4210.8	-57.6
Combinazioni Quasi Permanenti					
15098	Fl 26	-64104.4	-1100.5	-4164.2	185.5
	sc 26	-64104.4	-1100.5	-4164.2	-1495.7
	sc Max 26	-64104.4	-1100.5	-4164.2	-127.5
	sc Med 26	-64104.4	-1100.5	-4164.2	-57.2
15198	Fl 26	-63104.4	1051.5	4124.4	184.5
	sc 26	-63104.4	1051.5	4124.4	-1413.3
	sc Max 26	-63104.4	1051.5	4124.4	-125.4
	sc Med 26	-63104.4	1051.5	4124.4	-56.5

▲Pilastr: 15198/15298 / L 3.75[m] / Sezione 5 B 25 [cm]H 40 [cm]
Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 10 2brx4br/12.5 x 62.5/ø 10 2brx4br/15.0 x 250.0/ø 10 2brx4br/12.5 x 62.5

Da [m]	A [m]	V _{ed} [kg]	V _{ed2} [kg]	V _{ed1} [kg]	Staffe
0.13	0.75	7846.5	24216.3	9881.4	27190.3
0.75	3.25	7846.5	18162.2	9881.4	20392.7
3.25	3.88	7846.5	24216.3	9881.4	27190.3

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u [kgm]	M _s [kgm]	σ [kg/cm ²]
Combinazioni Rare					
14998	Fl 21	-118625.4	-2338.6	-6180.1	-146.2
	sc 20	-124800.1	-2388.8	-6534.7	-1755.9
	sc Max 20	-124800.1	-2388.8	-6534.7	-140.1
	sc Med 20	-124800.1	-2388.8	-6534.7	-65.3
14998	Fl 21	-117125.4	1846.8	7084.6	-70.0
	sc 20	-123300.1	1853.2	7492.2	-1804.1
	sc Max 20	-123300.1	1853.2	7492.2	-145.9
	sc Med 20	-123300.1	1853.2	7492.2	-67.4
Combinazioni Frequenti					
14998	Fl 23	-115693.3	-2284.0	-6003.0	-144.9
	sc 23	-115693.3	-2284.0	-6003.0	-1627.5
	sc Max 23	-115693.3	-2284.0	-6003.0	-129.8
	sc Med 23	-115693.3	-2284.0	-6003.0	-60.5
14998	Fl 23	-114193.3	1805.9	6881.9	-70.9
	sc 23	-114193.3	1805.9	6881.9	-1671.7
	sc Max 23	-114193.3	1805.9	6881.9	-135.1
	sc Med 23	-114193.3	1805.9	6881.9	-62.2
Combinazioni Quasi Permanenti					
14998	Fl 26	-113945.5	-2208.2	-5885.2	-148.8
	sc 26	-113945.5	-2208.2	-5885.2	-1597.1
	sc Max 26	-113945.5	-2208.2	-5885.2	-127.3
	sc Med 26	-113945.5	-2208.2	-5885.2	-59.4
14998	Fl 26	-112445.5	1731.1	6748.3	-77.1
	sc 26	-112445.5	1731.1	6748.3	-1659.4
	sc Max 26	-112445.5	1731.1	6748.3	-132.4
	sc Med 26	-112445.5	1731.1	6748.3	-61.1

▲Pilastr: 14998/15098 / L 3.75[m] / Sezione 3 B 25 [cm]H 40 [cm]
Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 10 2brx4br/12.5 x 62.5/ø 10 2brx4br/15.0 x 250.0/ø 10 2brx4br/12.5 x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _u [kgm]	M _s [kgm]	α _u	α _s	Sd/Sr
14998	1	-129402.9	-999.6	-5568.2	1.00	1.00	0.63
15098	1	-128102.9	1318.8	5903.1	1.00	1.00	0.65

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{ed2} [kg]	V _{ed1} [kg]	Staffe
0.13	0.75	5519.9	15754.8	6126.2	18233.1
0.75	3.25	5519.9	13129.0	6126.2	15194.2
3.25	3.88	5519.9	15754.8	6126.2	18233.1

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u [kgm]	M _s [kgm]	σ [kg/cm ²]
Combinazioni Rare					
14998	Fl 21	-91987.1	-786.9	-3942.5	-279.3
	sc 20	-96980.2	-775.0	-4167.7	-1697.7
	sc Max 20	-96980.2	-775.0	-4167.7	-141.2
	sc Med 20	-96980.2	-775.0	-4167.7	-67.6
15098	Fl 21	-90987.1	1024.2	4182.4	-198.6
	sc 20	-95980.2	1017.7	4419.3	-1756.5
	sc Max 20	-95980.2	1017.7	4419.3	-147.6
	sc Med 20	-95980.2	1017.7	4419.3	-68.8
Combinazioni Frequenti					
14998	Fl 23	-89568.8	-771.5	-3829.6	-273.7
	sc 23	-89568.8	-771.5	-3829.6	-1572.6
	sc Max 23	-89568.8	-771.5	-3829.6	-130.8
	sc Med 23	-89568.8	-771.5	-3829.6	-57.8

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _u	M ₁	α ₁	α ₂	σ
15198	1	-59031.7	-1621.5	-6649.0	1.00	1.00	0.52
15298	1	-57731.7	1932.9	7260.9	1.00	1.00	0.56

▲Verifiche a Taglio

Da	A	V _{ed}	V _{ed2}	V _{ed1}	V _{ed3}	Stirpe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	7269.3	15754.8	8508.9	18233.1	ø 10 2brx4br/12.5'
0.75	3.25	7269.3	13129.0	8508.9	15194.2	ø 10 2brx4br/12.5'
3.25	3.88	7269.3	15754.8	8508.9	18233.1	ø 10 2brx4br/12.5'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _u	M ₁	M ₂	σ
Combinazioni Base						
15198						
	Fl. 20	-43982.7	-1231.7	-4958.8	908.7	
	sc 20	-43982.7	-1231.7	-4958.8	-1429.7	
	sc Med 20	-43982.7	-1231.7	-4958.8	-141.2	
15298						
	Fl. 20	-43982.7	-1231.7	-4958.8	-61.9	
	sc 20	-43982.7	-1231.7	-4958.8	-1134.4	
	sc Med 20	-43982.7	-1231.7	-4958.8	-1527.2	
	sc Max 20	-43982.7	-1231.7	-4958.8	-153.8	
	sc Med 20	-43982.7	-1231.7	-4958.8	-66.7	

Combinazioni Frequenti						
15198						
	Fl. 23	-40026.3	-1169.6	-4520.8	838.8	
	sc 23	-40026.3	-1169.6	-4520.8	-1310.5	
	sc Max 23	-40026.3	-1169.6	-4520.8	-129.4	
15298						
	Fl. 23	-39026.3	-1290.8	-4876.2	1021.4	
	sc 23	-39026.3	-1290.8	-4876.2	-1382.7	
	sc Max 23	-39026.3	-1290.8	-4876.2	-139.1	
	sc Med 23	-39026.3	-1290.8	-4876.2	-60.3	

Combinazioni Quasi Permanenti						
15198						
	Fl. 26	-39530.2	-1134.1	-4454.6	820.8	
	sc 26	-39530.2	-1134.1	-4454.6	-1289.0	
	sc Max 26	-39530.2	-1134.1	-4454.6	-127.2	
15298						
	Fl. 26	-38530.2	-1277.9	-4829.6	1014.9	
	sc 26	-38530.2	-1277.9	-4829.6	-1368.3	
	sc Max 26	-38530.2	-1277.9	-4829.6	-137.8	
	sc Med 26	-38530.2	-1277.9	-4829.6	-59.7	

▲Pilastro: 15298/15498 / L 3.75[m] / Sezione 6 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 10 2brx4br/12.5' x 62.5/ø 10 2brx4br/15.0' x 250.0/ø 10 2brx4br/12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _u	M ₁	α ₁	α ₂	σ
15298	1	-25152.8	-1099.9	-4063.9	1.00	1.00	0.30
15498	1	-23852.8	33.7	71.8	1.00	1.00	0.08

▲Verifiche a Taglio

Da	A	V _{ed}	V _{ed2}	V _{ed1}	V _{ed3}	Stirpe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	4027.2	15754.8	4569.2	18233.1	ø 10 2brx4br/12.5'
0.75	3.25	4027.2	13129.0	4569.2	15194.2	ø 10 2brx4br/12.5'
3.25	3.88	4027.2	15754.8	4569.2	18233.1	ø 10 2brx4br/12.5'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _u	M ₁	M ₂	σ
Combinazioni Base						
15298						
	Fl. 20	-18966.1	-777.4	-3010.1	772.1	
	sc 20	-18966.1	-777.4	-3010.1	-804.2	
	sc Max 20	-18966.1	-777.4	-3010.1	-84.5	
	sc Med 20	-18966.1	-777.4	-3010.1	-36.4	

▲Pilastro: 105/18890 / L 3.75[m] / Sezione 1 B 35 [cm]H 55 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 12 2brx4br/15.0' x 375.0

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _u	M ₁	M ₂	σ
Combinazioni Frequenti						
15298						
	Fl. 24	-17263.1	-686.7	-2485.7	677.6	
	sc 23	-17360.0	-681.6	-2700.9	-725.4	
	sc Max 23	-17360.0	-681.6	-2700.9	-75.7	
	sc Med 23	-17360.0	-681.6	-2700.9	-32.8	
15498						
	Fl. 24	-16063.1	22.9	48.5	-157.8	
	sc 23	-16736.0	23.6	49.4	-182.4	
	sc Max 23	-16736.0	23.6	49.4	-12.5	
	sc Med 23	-16736.0	23.6	49.4	-11.2	

▲Pilastro: 105/18890 / L 3.75[m] / Sezione 1 B 35 [cm]H 55 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 12 2brx4br/15.0' x 375.0

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _u	M ₁	α ₁	α ₂	σ
105	17	-146720.2	9568.8	15910.7	1.00	1.00	0.68
18890	17	-144795.2	-7130.3	-13630.4	1.00	1.00	0.59

Da	A	V _{ed}	V _{ed2}	V _{ed1}	Stirpe
[m]	[m]	[kg]	[kg]	[kg]	
0.13	3.88	14560.8	26871.6	14648.5	32500.9

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _u	M ₁	M ₂	σ
Combinazioni Base						
105						
	Fl. 21	-132574.3	-1532.6	7385.4	-231.6	
	sc 20	-138908.1	-1709.5	7786.3	-1516.5	
	sc Max 20	-138908.1	-1709.5	7786.3	-116.7	
	sc Med 20	-138908.1	-1709.5	7786.3	-58.3	
18890						
	Fl. 21	-130649.3	-1449.3	-7979.7	-182.0	
	sc 20	-136983.1	-1432.0	-8415.7	-1533.5	
	sc Max 20	-136983.1	-1432.0	-8415.7	-118.7	
	sc Med 20	-136983.1	-1432.0	-8415.7	-57.8	

Nodo	Comb	N	M _u	M ₁	M ₂	σ
Combinazioni Frequenti						
105						
	Fl. 24	-127740.0	-1490.2	7126.3	-221.7	
	sc 23	-129555.3	-1479.2	7209.9	-1404.4	
	sc Max 23	-129555.3	-1479.2	7209.9	-107.9	
	sc Med 23	-129555.3	-1479.2	7209.9	-54.4	
18890						
	Fl. 23	-127630.3	-1425.1	-7776.8	-178.6	
	sc 23	-127630.3	-1425.1	-7776.8	-1429.3	
	sc Max 23	-127630.3	-1425.1	-7776.8	-110.6	
	sc Med 23	-127630.3	-1425.1	-7776.8	-53.8	

Nodo	Comb	N	M _u	M ₁	M ₂	σ
Combinazioni Quasi Permanenti						
105						
	Fl. 26	-127740.0	-1490.2	7126.3	-221.7	
	sc 26	-127740.0	-1490.2	7126.3	-1387.7	
	sc Max 26	-127740.0	-1490.2	7126.3	-106.7	
	sc Med 26	-127740.0	-1490.2	7126.3	-53.6	
18890						
	Fl. 26	-125815.0	-1365.2	-7661.8	-178.6	
	sc 26	-125815.0	-1365.2	-7661.8	-1406.5	
	sc Max 26	-125815.0	-1365.2	-7661.8	-108.8	
	sc Med 26	-125815.0	-1365.2	-7661.8	-53.1	

Nodo	Comb	N [kg]	M _u [kgm]		σ [kg/cm ²]	
			Combinazioni Rare		M _u [kgm]	
18990	Fl. 21	-80284.6	1247.4	3471.8	-167.8	
	s/c 20	-84479.0	1262.7	3664.8	-1556.2	
	sc Max 20	-84479.0	1262.7	3664.8	-130.1	
	sc Med 20	-84479.0	1262.7	3664.8	-60.0	
19090	Fl. 21	-79384.6	-1410.8	-3615.4	-109.5	
	s/c 20	-83479.0	-1428.9	-3817.4	-1591.8	
	sc Max 20	-83479.0	-1428.9	-3817.4	-134.0	
	sc Med 20	-83479.0	-1428.9	-3817.4	-60.6	
Combinazioni Frequenti						
18990	Fl. 23	-78364.3	1222.2	3380.1	-164.6	
	s/c 23	-78364.3	1222.2	3380.1	-1446.9	
	sc Max 23	-78364.3	1222.2	3380.1	-120.9	
	sc Med 23	-78364.3	1222.2	3380.1	-55.6	
19090	Fl. 23	-77364.3	-1382.4	-3519.9	-107.5	
	s/c 23	-77364.3	-1382.4	-3519.9	-1479.7	
	sc Max 23	-77364.3	-1382.4	-3519.9	-124.5	
	sc Med 23	-77364.3	-1382.4	-3519.9	-56.1	
Combinazioni Quasi Permanenti						
18990	Fl. 26	-77320.0	1181.8	3325.6	-167.2	
	s/c 26	-77320.0	1181.8	3325.6	-1423.1	
	sc Max 26	-77320.0	1181.8	3325.6	-118.8	
	sc Med 26	-77320.0	1181.8	3325.6	-54.8	
19090	Fl. 26	-76320.1	-1337.6	-3463.7	-111.2	
	s/c 26	-76320.1	-1337.6	-3463.7	-1455.0	
	sc Max 26	-76320.1	-1337.6	-3463.7	-122.4	
	sc Med 26	-76320.1	-1337.6	-3463.7	-55.3	

▲Pilastro: 19090/19190 / L 3.75[m] / Sezione 4 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2br.x4br./12.5' x 62.5/ø 10 2br.x4br./15.0' x 250.0/ø 10 2br.x4br./12.5' x 62.5

Nodo	Comb	N	M _u	M _u	σ	Sd/sr
19090	17	-62805.3	3497.0	5890.6	1.00	1.00
19190	17	-61805.3	-3365.3	-5776.9	1.00	1.00

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	A	V _{ed}	V _{ed}	V _{ed}	Staffe
19090	0.13	0.75	4940.9	15754.8	6774.1	18233.1
	0.75	3.25	4940.9	13129.0	6774.1	15194.2
	3.25	3.88	4940.9	15754.8	6774.1	18233.1

▲Verifiche a Taglio

Nodo	Comb	N	M _u	M _u	σ
Combinazioni Rare					
19090	Fl. 20	-60223.2	1511.5	3898.5	246.3
	s/c 20	-60223.2	1511.5	3898.5	-1413.8
	sc Max 20	-60223.2	1511.5	3898.5	-125.4
	sc Med 20	-60223.2	1511.5	3898.5	-54.0
19190	Fl. 21	-56000.2	-1406.5	-3632.8	230.4
	s/c 21	-59223.2	-1404.5	-3828.5	-1377.7
	sc Max 20	-59223.2	-1404.5	-3828.5	-122.2
	sc Med 20	-59223.2	-1404.5	-3828.5	-52.9
Combinazioni Frequenti					
19090	Fl. 23	-55573.1	1471.9	3597.4	238.8
	s/c 23	-55573.1	1471.9	3597.4	-1315.6
	sc Max 23	-55573.1	1471.9	3597.4	-116.7
	sc Med 23	-55573.1	1471.9	3597.4	-49.9
19190	Fl. 23	-54573.1	-1380.7	-3536.6	225.1
	s/c 23	-54573.1	-1380.7	-3536.6	-1288.4
	sc Max 23	-54573.1	-1380.7	-3536.6	-113.9
	sc Med 23	-54573.1	-1380.7	-3536.6	-48.9
Combinazioni Quasi Permanenti					
19090	Fl. 26	-54867.5	1420.6	3537.5	226.6
	s/c 26	-54867.5	1420.6	3537.5	-1291.6

Nodo	Comb	N	M _u [kgm]		σ [kg/cm ²]	
			Combinazioni Rare		M _u [kgm]	
18990	1	-147607.7	3664.4	7977.0	1.00	0.57
	1	-145657.7	-3425.7	-9045.0	1.00	0.59
Da	A	V _{ed}	V _{ed}	V _{ed}	Staffe	
	0.13	0.75	6585.5	24216.3	9754.1	27190.3
	0.75	3.25	6585.5	18162.2	9754.1	20392.7
	3.25	3.88	6585.5	24216.3	9754.1	27190.3
18990	Fl. 21	-205621.3	2706.9	5664.0	-62.5	
	s/c 20	-110858.6	2780.9	5976.1	-1628.0	
	sc Max 20	-110858.6	2780.9	5976.1	-130.4	
	sc Med 20	-110858.6	2780.9	5976.1	-59.0	
18990	Fl. 21	-104121.3	-2563.6	-6421.2	32.1	
	s/c 20	-109358.6	-2610.9	-6775.8	-1691.2	
	sc Max 20	-109358.6	-2610.9	-6775.8	-137.4	
	sc Med 20	-109358.6	-2610.9	-6775.8	-61.0	
Combinazioni Frequenti						
18990	Fl. 23	-103164.5	2646.1	5513.2	-63.1	
	s/c 23	-103164.5	2646.1	5513.2	-1514.4	
	sc Max 23	-103164.5	2646.1	5513.2	-121.3	
	sc Med 23	-103164.5	2646.1	5513.2	-54.9	
18990	Fl. 23	-101664.5	-2508.8	-6251.1	29.4	
	s/c 23	-101664.5	-2508.8	-6251.1	-1573.4	
	sc Max 23	-101664.5	-2508.8	-6251.1	-127.7	
	sc Med 23	-101664.5	-2508.8	-6251.1	-56.6	
Combinazioni Quasi Permanenti						
18990	Fl. 26	-101742.4	2570.6	5419.6	-67.3	
	s/c 26	-101742.4	2570.6	5419.6	-1488.7	
	sc Max 26	-101742.4	2570.6	5419.6	-119.2	
	sc Med 26	-101742.4	2570.6	5419.6	-54.0	
18990	Fl. 26	-100242.4	-2480.7	-6147.4	23.1	
	s/c 26	-100242.4	-2480.7	-6147.4	-1546.1	
	sc Max 26	-100242.4	-2480.7	-6147.4	-125.4	
	sc Med 26	-100242.4	-2480.7	-6147.4	-55.7	

▲Pilastro: 18990/18990 / L 3.75[m] / Sezione 2 B 30 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 12 2br.x4br./15.0' x 62.5/ø 12 2br.x4br./20.0' x 250.0/ø 12 2br.x4br./15.0' x 62.5

Nodo	Comb	N	M _u	M _u	σ	Sd/sr
18990	1	-112619.0	1651.7	4893.0	1.00	0.56
19090	17	-87767.3	-3359.2	-5753.1	1.00	0.58

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	A	V _{ed}	V _{ed}	V _{ed}	Staffe
18990	0.13	0.75	4317.0	15754.8	6040.3	18233.1
	0.75	3.25	4317.0	13129.0	6040.3	15194.2
	3.25	3.88	4317.0	15754.8	6040.3	18233.1

▲Verifiche a Taglio

Nodo	Comb	N	M _u	M _u	σ
Combinazioni Rare					
18990	Fl. 20	-60223.2	1511.5	3898.5	246.3
	s/c 20	-60223.2	1511.5	3898.5	-1413.8
	sc Max 20	-60223.2	1511.5	3898.5	-125.4
	sc Med 20	-60223.2	1511.5	3898.5	-54.0
19190	Fl. 21	-56000.2	-1406.5	-3632.8	230.4
	s/c 21	-59223.2	-1404.5	-3828.5	-1377.7
	sc Max 20	-59223.2	-1404.5	-3828.5	-122.2
	sc Med 20	-59223.2	-1404.5	-3828.5	-52.9
Combinazioni Frequenti					
19090	Fl. 23	-55573.1	1471.9	3597.4	238.8
	s/c 23	-55573.1	1471.9	3597.4	-1315.6
	sc Max 23	-55573.1	1471.9	3597.4	-116.7
	sc Med 23	-55573.1	1471.9	3597.4	-49.9
19190	Fl. 23	-54573.1	-1380.7	-3536.6	225.1
	s/c 23	-54573.1	-1380.7	-3536.6	-1288.4
	sc Max 23	-54573.1	-1380.7	-3536.6	-113.9
	sc Med 23	-54573.1	-1380.7	-3536.6	-48.9
Combinazioni Quasi Permanenti					
19090	Fl. 26	-54867.5	1420.6	3537.5	226.6
	s/c 26	-54867.5	1420.6	3537.5	-1291.6

▲Verifiche a Taglio

Da	A	V _{ed}	V _{ed2}	V _{ed1}	V _{ed3}	Stafte
0.13	0.75	3009.9	15754.8	4664.3	18233.1	ø 10 2brx4br/12.5'
0.75	3.25	3009.9	13129.0	4664.3	15194.2	ø 10 2brx4br/15.0'
3.25	3.88	3009.9	15754.8	4664.3	18233.1	ø 10 2brx4br/12.5'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Combinazioni Base					
19290	Fl. 20	-13804.2	8690	24380	7194
	sc. 20	-13804.2	8690	24380	-679.5
	sc. Max 20	-13804.2	8690	24380	-71.9
19390	Fl. 20	-12322.5	-17.4	-38.8	-119.2
	sc. 20	-12804.2	-18.0	-40.9	-140.0
	sc. Max 20	-12804.2	-18.0	-40.9	-9.6
	sc. Med 20	-12804.2	-18.0	-40.9	-8.8
Combinazioni Frequenti					
19290	Fl. 24	-12653.6	7760	2186.2	636.1
	sc. 23	-12992.5	772.5	2191.3	-64.5
	sc. Max 23	-12992.5	772.5	2191.3	-64.6
	sc. Med 23	-12992.5	772.5	2191.3	-26.6
19390	Fl. 24	-11653.6	-16.6	-37.2	-112.7
	sc. 23	-11992.5	-17.0	-37.7	-131.0
	sc. Max 23	-11992.5	-17.0	-37.7	-9.0
	sc. Med 23	-11992.5	-17.0	-37.7	-8.2
Combinazioni Quasi Permanenti					
19290	Fl. 26	-12653.6	7760	2186.2	636.1
	sc. 26	-12653.6	7760	2186.2	-611.3
	sc. Max 26	-12653.6	7760	2186.2	-64.5
	sc. Med 26	-12653.6	7760	2186.2	-26.5
19390	Fl. 26	-11653.6	-16.6	-37.2	-112.7
	sc. 26	-11653.6	-16.6	-37.2	-127.4
	sc. Max 26	-11653.6	-16.6	-37.2	-8.8
	sc. Med 26	-11653.6	-16.6	-37.2	-8.0

▲Pilastro: 117/18970 / L 3.75[m] / Sezione 1 B 35 [cm]H 55 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Stafte: ø 12 2brx4br/15.0' x 3.75.0

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	α ₁₂	α ₁₃	Sd/Sr
117	16	-81666.4	-44261.1	9921.2	1.00	1.07	0.39
18970	16	-79741.4	3717.0	-9921.2	1.00	1.00	0.38

▲Verifiche a Taglio

Nodo	Comb	A [m]	V _{ed} [kg]	V _{ed1} [kg]	V _{ed2} [kg]	Stafte
0.13	3.88	6783.4	26871.6	15065.2	32900.9	ø 12 2brx4br/15.0'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Combinazioni Base					
117	Fl. 21	-31038.0	-2393.7	1555.8	-32.1
	sc. 20	-96436.9	-2561.1	1857.1	-879.3
	sc. Max 20	-96436.9	-2561.1	1857.1	-64.0
	sc. Med 20	-96436.9	-2561.1	1857.1	-40.5
18970	Fl. 20	-94511.9	1207.1	-3781.2	-263.1
	sc. 20	-94511.9	1207.1	-3781.2	-927.7
	sc. Max 20	-94511.9	1207.1	-3781.2	-69.7
	sc. Med 20	-94511.9	1207.1	-3781.2	-39.7
Combinazioni Frequenti					
117	Fl. 23	-88555.7	-2319.5	1399.6	-331.6
	sc. 23	-88555.7	-2319.5	1399.6	-784.1
	sc. Max 23	-88555.7	-2319.5	1399.6	-56.7

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
	sc. Max 26	-54867.5	1420.6	3357.5	-114.5
	sc. Med 26	-54867.5	1420.6	3357.5	-49.1
19190	Fl. 26	-53867.5	-1327.7	-3474.6	212.2
	sc. 26	-53867.5	-1327.7	-3474.6	-1258.9
	sc. Max 26	-53867.5	-1327.7	-3474.6	-111.6
	sc. Med 26	-53867.5	-1327.7	-3474.6	-48.1

▲Pilastro: 19190/19290 / L 3.75[m] / Sezione 5 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Stafte: ø 10 2brx4br/12.5' x 62.5/ø 10 2brx4br/15.0' x 250.0/ø 10 2brx4br/12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	α ₁₂	α ₁₃	Sd/Sr
19190	17	-36970.2	3451.5	6018.6	1.00	1.00	0.52
19290	17	-35970.2	-3702.4	-6413.6	1.00	1.00	0.56

▲Verifiche a Taglio

Nodo	Comb	A [m]	V _{ed} [kg]	V _{ed1} [kg]	V _{ed2} [kg]	Stafte
0.13	0.75	5163.5	15754.8	8158.1	18233.1	ø 10 2brx4br/12.5'
0.75	3.25	5163.5	13129.0	8158.1	15194.2	ø 10 2brx4br/15.0'
3.25	3.88	5163.5	15754.8	8158.1	18233.1	ø 10 2brx4br/12.5'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Combinazioni Base					
19190	Fl. 20	-35644.0	1396.5	4079.2	832.6
	sc. 20	-35644.0	1396.5	4079.2	-1234.9
	sc. Max 20	-35644.0	1396.5	4079.2	-121.7
	sc. Med 20	-35644.0	1396.5	4079.2	-51.2
19290	Fl. 20	-34644.0	-1486.5	-4404.1	999.9
	sc. 20	-34644.0	-1486.5	-4404.1	-1297.8
	sc. Max 20	-34644.0	-1486.5	-4404.1	-130.4
	sc. Med 20	-34644.0	-1486.5	-4404.1	-54.7
Combinazioni Frequenti					
19190	Fl. 23	-32482.2	1333.5	3731.7	775.6
	sc. 23	-32482.2	1333.5	3731.7	-1137.9
	sc. Max 23	-32482.2	1333.5	3731.7	-112.2
	sc. Med 23	-32482.2	1333.5	3731.7	-46.9
19290	Fl. 23	-31482.2	-1366.9	-3990.8	907.4
	sc. 23	-31482.2	-1366.9	-3990.8	-1180.1
	sc. Max 23	-31482.2	-1366.9	-3990.8	-118.5
	sc. Med 23	-31482.2	-1366.9	-3990.8	-49.6

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Combinazioni Quasi Permanenti					
19190	Fl. 26	-32140.0	1299.3	3686.2	761.3
	sc. 26	-32140.0	1299.3	3686.2	-1121.6
	sc. Max 26	-32140.0	1299.3	3686.2	-110.6
	sc. Med 26	-32140.0	1299.3	3686.2	-46.3
19290	Fl. 26	-31140.0	-1354.7	-3964.2	904.4
	sc. 26	-31140.0	-1354.7	-3964.2	-1170.6
	sc. Max 26	-31140.0	-1354.7	-3964.2	-117.6
	sc. Med 26	-31140.0	-1354.7	-3964.2	-49.2

▲Pilastro: 19290/19390 / L 3.75[m] / Sezione 6 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Stafte: ø 10 2brx4br/12.5' x 62.5/ø 10 2brx4br/15.0' x 250.0/ø 10 2brx4br/12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	α ₁₂	α ₁₃	Sd/Sr
19290	17	-14325.3	1868.1	3569.7	1.00	1.00	0.32
19390	1	-16966.5	-23.9	-54.7	1.00	1.00	0.06

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M ₁₂	M ₁₃	α ₁₂	α ₁₃	Sd/Sr
19070	16	-385309	-18757	43482	1,00	1,00	0,37
19170	16	-373309	20648	-46504	1,00	1,00	0,39

▲Verifiche a Taglio

Da	A	V _{ass}	V _{ass}	V _{ass}	V _{ass}	Staffe
Im	Im	[kg]	[kg]	[kg]	[kg]	
013	0,75	46402	157548	71994	182331	ø 10 2brx4br/22,5°
0,75	3,25	46402	131290	71994	151942	ø 10 2brx4br/15,0°
3,25	3,88	46402	157548	71994	182331	ø 10 2brx4br/12,5°

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M ₁₂	M ₁₃	α ₁₂	α ₁₃
Combinazioni Rare						
19070	Fl 20	-44608.8	-450.3	2502.2	2502.2	-14.9
	s/c 20	-44608.8	-450.3	2502.2	2502.2	-887.1
	s/c Max 20	-44608.8	-450.3	2502.2	2502.2	-76.6
	s/c Med 20	-44608.8	-450.3	2502.2	2502.2	-35.8
19170	Fl 20	-43608.8	550.2	-2770.9	-2770.9	79.9
	s/c 20	-43608.8	550.2	-2770.9	-2770.9	-938.0
	s/c Max 20	-43608.8	550.2	-2770.9	-2770.9	-82.8
	s/c Med 20	-43608.8	550.2	-2770.9	-2770.9	-38.2

Nodo	Comb	N	M ₁₂	M ₁₃	α ₁₂	α ₁₃
Combinazioni Frequenti						
19070	Fl 23	-40728.4	-350.6	2207.3	2207.3	-38.8
	s/c 23	-40728.4	-350.6	2207.3	2207.3	-789.1
	s/c Max 23	-40728.4	-350.6	2207.3	2207.3	-67.8
	s/c Med 23	-40728.4	-350.6	2207.3	2207.3	-31.9
19170	Fl 23	-39728.4	437.5	-2449.5	-2449.5	44.4
	s/c 23	-39728.4	437.5	-2449.5	-2449.5	-832.8
	s/c Max 23	-39728.4	437.5	-2449.5	-2449.5	-73.1
	s/c Med 23	-39728.4	437.5	-2449.5	-2449.5	-34.0

Nodo	Comb	N	M ₁₂	M ₁₃	α ₁₂	α ₁₃
Combinazioni Quasi Permanenti						
19070	Fl 26	-40238.2	-349.8	2145.3	2145.3	-45.3
	s/c 26	-40238.2	-349.8	2145.3	2145.3	-774.1
	s/c Max 26	-40238.2	-349.8	2145.3	2145.3	-66.3
	s/c Med 26	-40238.2	-349.8	2145.3	2145.3	-31.2
19170	Fl 26	-39238.2	435.8	-2383.2	-2383.2	35.4
	s/c 26	-39238.2	435.8	-2383.2	-2383.2	-816.8
	s/c Max 26	-39238.2	435.8	-2383.2	-2383.2	-71.5
	s/c Med 26	-39238.2	435.8	-2383.2	-2383.2	-33.2

▲Pilastro: 19170/19270 / L 3.75[m] / Sezione 4 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2brx4br/12.5° x 62.5/ø 10 2brx4br/15.0° x 250.0/ø 10 2brx4br/12.5° x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M ₁₂	M ₁₃	α ₁₂	α ₁₃	Sd/Sr
19170	16	-28194.5	-2339.3	5116.2	1,00	1,00	0.42
19270	16	-27194.5	2465.3	-5307.2	1,00	1,00	0.44

▲Verifiche a Taglio

Da	A	V _{ass}	V _{ass}	V _{ass}	V _{ass}	Staffe
Im	Im	[kg]	[kg]	[kg]	[kg]	
013	0,75	5835.5	157548	7622.5	182331	ø 10 2brx4br/22,5°
0,75	3,25	5835.5	131290	7622.5	151942	ø 10 2brx4br/15,0°
3,25	3,88	5835.5	157548	7622.5	182331	ø 10 2brx4br/12,5°

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M ₁₂	M ₁₃	α ₁₂	α ₁₃
Combinazioni Rare						
19170	Fl 20	-29885.9	-701.8	3213.3	3213.3	558.8
	s/c 20	-29885.9	-701.8	3213.3	3213.3	-922.5
	s/c Max 20	-29885.9	-701.8	3213.3	3213.3	-90.4
	s/c Med 20	-29885.9	-701.8	3213.3	3213.3	-40.3

Nodo	Comb	N	M ₁₂	M ₁₃	α ₁₂	α ₁₃
	s/c Med 23	-88555.7	-2313.5	3393.6	3393.6	-537.2
18970	Fl 23	-86530.7	997.0	-3201.9	-3201.9	-265.7
	s/c 23	-86530.7	997.0	-3201.9	-3201.9	-857.7
	s/c Max 23	-86530.7	997.0	-3201.9	-3201.9	-61.7
	s/c Med 23	-86530.7	997.0	-3201.9	-3201.9	-36.4

Combinazioni Quasi Permanenti						
117	Fl 26	-87190.2	-2282.8	1288.1	1288.1	-332.8
	s/c 26	-87190.2	-2282.8	1288.1	1288.1	-765.7
	s/c Max 26	-87190.2	-2282.8	1288.1	1288.1	-55.2
	s/c Med 26	-87190.2	-2282.8	1288.1	1288.1	-36.6
18970	Fl 26	-85265.2	986.0	-3067.3	-3067.3	-267.2
	s/c 26	-85265.2	986.0	-3067.3	-3067.3	-807.1
	s/c Max 26	-85265.2	986.0	-3067.3	-3067.3	-60.2
	s/c Med 26	-85265.2	986.0	-3067.3	-3067.3	-35.8

▲Pilastro: 18970/19070 / L 3.75[m] / Sezione 2 B 30 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 12 2brx4br/15.0° x 62.5/ø 12 2brx4br/20.0° x 250.0/ø 12 2brx4br/15.0° x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M ₁₂	M ₁₃	α ₁₂	α ₁₃	Sd/Sr
18970	16	-56775.6	-2859.0	7086.3	1,00	1,00	0.37
19070	16	-55275.6	3424.8	-7888.2	1,00	1,00	0.41

▲Verifiche a Taglio

Da	A	V _{ass}	V _{ass}	V _{ass}	V _{ass}	Staffe
Im	Im	[kg]	[kg]	[kg]	[kg]	
013	0,75	9661.8	24216.3	11556.0	27190.3	ø 12 2brx4br/15,0°
0,75	3,25	9661.8	18162.2	11556.0	20392.7	ø 12 2brx4br/20,0°
3,25	3,88	9661.8	24216.3	11556.0	27190.3	ø 12 2brx4br/12,5°

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M ₁₂	M ₁₃	α ₁₂	α ₁₃
Combinazioni Rare						
18970	Fl 20	-66594.0	-197.8	3766.4	3766.4	-136.6
	s/c 20	-66594.0	-197.8	3766.4	3766.4	-884.3
	s/c Max 20	-66594.0	-197.8	3766.4	3766.4	-70.8
	s/c Med 20	-66594.0	-197.8	3766.4	3766.4	-34.8
19070	Fl 20	-65994.0	567.9	-4295.2	-4295.2	-30.7
	s/c 20	-65994.0	567.9	-4295.2	-4295.2	-956.9
	s/c Max 20	-65994.0	567.9	-4295.2	-4295.2	-78.1
	s/c Med 20	-65994.0	567.9	-4295.2	-4295.2	-37.2

Nodo	Comb	N	M ₁₂	M ₁₃	α ₁₂	α ₁₃
Combinazioni Frequenti						
18970	Fl 23	-61034.9	-63.1	3306.5	3306.5	-148.4
	s/c 23	-61034.9	-63.1	3306.5	3306.5	-787.6
	s/c Max 23	-61034.9	-63.1	3306.5	3306.5	-62.8
	s/c Med 23	-61034.9	-63.1	3306.5	3306.5	-31.2
19070	Fl 23	-59534.9	393.3	-3775.5	-3775.5	-58.4
	s/c 23	-59534.9	393.3	-3775.5	-3775.5	-848.8
	s/c Max 23	-59534.9	393.3	-3775.5	-3775.5	-68.9
	s/c Med 23	-59534.9	393.3	-3775.5	-3775.5	-33.2

Nodo	Comb	N	M ₁₂	M ₁₃	α ₁₂	α ₁₃
Combinazioni Quasi Permanenti						
18970	Fl 26	-60157.4	-69.8	3204.9	3204.9	-150.9
	s/c 26	-60157.4	-69.8	3204.9	3204.9	-771.7
	s/c Max 26	-60157.4	-69.8	3204.9	3204.9	-61.4
	s/c Med 26	-60157.4	-69.8	3204.9	3204.9	-30.8
19070	Fl 26	-58657.4	395.7	-3662.3	-3662.3	-64.0
	s/c 26	-58657.4	395.7	-3662.3	-3662.3	-830.9
	s/c Max 26	-58657.4	395.7	-3662.3	-3662.3	-67.3
	s/c Med 26	-58657.4	395.7	-3662.3	-3662.3	-32.4

▲Pilastro: 19070/19170 / L 3.75[m] / Sezione 3 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2brx4br/12.5° x 62.5/ø 10 2brx4br/15.0° x 250.0/ø 10 2brx4br/12.5° x 62.5

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
	sc Med 26	-16522.0	3.9	-28.5	-11.3

▲Pilastro: 118/19049 / L 3.75[m] / Sezione 1 B 35 [cm]H 55 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 12 2br.x4br/15.0' x 375.0

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ ₁₂ [kg/cm ²]	σ ₁₃ [kg/cm ²]	Sd/Sr
118	16	-165285.3	-1460.9	14085.8	1.00	1.00	0.59
19049	1	-229728.7	-3120.7	-4488.1	1.00	1.00	0.53

▲Verifiche a Taglio

Da [m]	A [m]	V _{max} [kg]	V _{max} [kg]	V _{max} [kg]	Staffe
0.13	3.88	13411.0	26871.6	13184.4	ø 12 2br.x4br/15.0

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Combinazioni Rare					
118	Fl 21	-364303.4	-363.3	4414.7	-704.7
	sfc 20	-17379.8	-390.5	4771.0	-1461.5
	sc Max 20	-17379.8	-390.5	4771.0	-105.8
	sc Med 20	-17379.8	-390.5	4771.0	-73.0
19049	Fl 21	-162378.4	-2289.8	-3071.2	-680.8
	sfc 20	-171854.8	-2363.0	-3323.2	-1446.5
	sc Max 20	-171854.8	-2363.0	-3323.2	-104.4
	sc Med 20	-171854.8	-2363.0	-3323.2	-72.2

118	Fl 24	-157049.9	-377.3	4098.3	-680.5
	sfc 23	-15979.7	-361.9	4280.1	-1323.8
	sc Max 23	-15979.7	-361.9	4280.1	-96.2
	sc Med 23	-15979.7	-361.9	4280.1	-67.1
19049	Fl 24	-155124.9	-2045.4	-2841.2	-664.7
	sfc 23	-157854.7	-2192.0	-2938.5	-1321.8
	sc Max 23	-157854.7	-2192.0	-2938.5	-95.2
	sc Med 23	-157854.7	-2192.0	-2938.5	-66.3

Combinazioni Quasi Permanenti					
118	Fl 26	-157049.9	-377.3	4098.3	-680.5
	sfc 26	-157049.9	-377.3	4098.3	-1298.2
	sc Max 26	-157049.9	-377.3	4098.3	-94.3
	sc Med 26	-157049.9	-377.3	4098.3	-66.0
19049	Fl 26	-155124.9	-2045.4	-2841.2	-664.7
	sfc 26	-155124.9	-2045.4	-2841.2	-1289.7
	sc Max 26	-155124.9	-2045.4	-2841.2	-92.8
	sc Med 26	-155124.9	-2045.4	-2841.2	-65.1

▲Pilastro: 19049/19149 / L 3.75[m] / Sezione 2 B 30 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 12 2br.x4br/15.0' x 250.0/ø 12 2br.x4br/15.0' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ ₁₂ [kg/cm ²]	σ ₁₃ [kg/cm ²]	Sd/Sr
19049	1	-182005.1	5051.4	1829.2	1.00	1.00	0.52
19149	1	-180055.1	-5759.4	-2173.3	1.00	1.00	0.52

▲Verifiche a Taglio

Da [m]	A [m]	V _{max} [kg]	V _{max} [kg]	V _{max} [kg]	Staffe
0.13	0.75	14835.0	24216.3	7381.6	ø 12 2br.x4br/15.0
0.75	3.25	14835.0	18162.2	7381.6	ø 12 2br.x4br/20.0
3.25	3.88	14835.0	24216.3	7381.6	ø 12 2br.x4br/15.0

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
19270	Fl 20	-28885.9	786.9	-3394.3	644.0
	sfc 20	-28885.9	786.9	-3394.3	-958.8
	sc Max 20	-28885.9	786.9	-3394.3	-95.5
	sc Med 20	-28885.9	786.9	-3394.3	-42.2

Combinazioni Frequenti					
19170	Fl 23	-27050.7	-568.5	2847.0	450.8
	sfc 23	-27050.7	-568.5	2847.0	-813.6
	sc Max 23	-27050.7	-568.5	2847.0	-79.4
	sc Med 23	-27050.7	-568.5	2847.0	-35.8
19270	Fl 23	-26950.7	642.2	-3008.8	549.1
	sfc 23	-26950.7	642.2	-3008.8	-844.6
	sc Max 23	-26950.7	642.2	-3008.8	-83.9
	sc Med 23	-26950.7	642.2	-3008.8	-37.4

Combinazioni Quasi Permanenti					
19170	Fl 26	-26884.0	-567.6	2775.2	428.9
	sfc 26	-26884.0	-567.6	2775.2	-799.7
	sc Max 26	-26884.0	-567.6	2775.2	-77.7
	sc Med 26	-26884.0	-567.6	2775.2	-34.9
19270	Fl 26	-25884.0	642.4	-2935.6	526.3
	sfc 26	-25884.0	642.4	-2935.6	-830.7
	sc Max 26	-25884.0	642.4	-2935.6	-82.2
	sc Med 26	-25884.0	642.4	-2935.6	-36.6

▲Pilastro: 19270/19370 / L 3.75[m] / Sezione 5 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 10 2br.x4br/12.5' x 62.5/ø 10 2br.x4br/15.0' x 250.0/ø 10 2br.x4br/12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ ₁₂ [kg/cm ²]	σ ₁₃ [kg/cm ²]	Sd/Sr
19270	16	-18527.9	-1318.9	2775.4	1.00	1.00	0.23
19370	1	-25434.4	5.8	-44.6	1.00	1.00	0.08

▲Verifiche a Taglio

Da [m]	A [m]	V _{max} [kg]	V _{max} [kg]	V _{max} [kg]	Staffe
0.13	0.75	2383.5	15754.8	3930.1	18233.1
0.75	3.25	2383.5	13129.0	3930.1	15194.2
3.25	3.88	2383.5	15754.8	3930.1	18233.1

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Combinazioni Rare					
19270	Fl 20	-19662.6	-442.1	1816.5	243.0
	sfc 20	-19662.6	-442.1	1816.5	-552.1
	sc Max 20	-19662.6	-442.1	1816.5	-52.4
	sc Med 20	-19662.6	-442.1	1816.5	-23.3
19370	Fl 21	-16003.1	6.5	-30.2	-169.0
	sfc 20	-18662.6	7.2	-32.9	-197.9
	sc Max 20	-18662.6	7.2	-32.9	-13.4
	sc Med 20	-18662.6	7.2	-32.9	-12.8

Combinazioni Frequenti					
19270	Fl 23	-17385.1	-362.3	1610.8	211.6
	sfc 23	-17385.1	-362.3	1610.8	-484.5
	sc Max 23	-17385.1	-362.3	1610.8	-46.0
	sc Med 23	-17385.1	-362.3	1610.8	-20.6
19370	Fl 23	-16385.1	6.1	-29.0	-163.8
	sfc 24	-16522.0	5.9	-28.5	-175.0
	sc Max 24	-16522.0	5.9	-28.5	-11.9
	sc Med 24	-16522.0	5.9	-28.5	-11.3

Combinazioni Quasi Permanenti					
19270	Fl 26	-17522.0	-363.2	1573.0	195.6
	sfc 26	-17522.0	-363.2	1573.0	-479.1
	sc Max 26	-17522.0	-363.2	1573.0	-45.2
	sc Med 26	-17522.0	-363.2	1573.0	-20.2
19370	Fl 26	-16522.0	5.9	-28.5	-165.4
	sfc 26	-16522.0	5.9	-28.5	-175.0
	sc Max 26	-16522.0	5.9	-28.5	-11.9

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Combinazione Rare		M ₁₁ [kgm]	σ [kg/cm ²]
			M ₁ [kgm]	N [kg]		
19049	Fl. 21	-128208.9	3668.4	1248.7	-597.6	
	s/c 20	-136005.6	3812.0	1353.4	-1448.9	
	sc Max 20	-136005.6	3812.0	1353.4	-105.3	
	sc Med 20	-136005.6	3812.0	1353.4	-69.5	
19149	Fl. 21	-126708.9	-4178.5	-1485.8	-526.4	
	s/c 20	-134505.6	-4945.0	-1608.7	-1500.4	
	sc Max 20	-134505.6	-4945.0	-1608.7	-110.1	
	sc Med 20	-134505.6	-4945.0	-1608.7	-68.8	
Combinazioni Frequenti						
19049	Fl. 23	-124648.3	3524.0	1192.0	-586.2	
	s/c 23	-124648.3	3524.0	1192.0	-1325.5	
	sc Max 23	-124648.3	3524.0	1192.0	-96.2	
	sc Med 23	-124648.3	3524.0	1192.0	-63.7	
19149	Fl. 23	-123148.3	-4017.9	-1419.4	-517.1	
	s/c 23	-123148.3	-4017.9	-1419.4	-1371.5	
	sc Max 23	-123148.3	-4017.9	-1419.4	-100.6	
	sc Med 23	-123148.3	-4017.9	-1419.4	-63.0	
Combinazioni Quasi Permanenti						
19049	Fl. 26	-122725.0	3330.9	1148.2	-589.6	
	s/c 26	-122725.0	3330.9	1148.2	-1292.5	
	sc Max 26	-122725.0	3330.9	1148.2	-93.6	
	sc Med 26	-122725.0	3330.9	1148.2	-62.7	
19149	Fl. 26	-121225.0	-3807.4	-1368.6	-522.5	
	s/c 26	-121225.0	-3807.4	-1368.6	-1336.6	
	sc Max 26	-121225.0	-3807.4	-1368.6	-97.8	
	sc Med 26	-121225.0	-3807.4	-1368.6	-62.0	

▲Pilastro: 19149/19249 / L 3.75[m] / Sezione 3 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1ø12 x 4 V + 0ø12 x 2 B + 2ø22 x 2 H >
Staffe: ø 10 2br.x4br/12.5 x 62.5/ø 10 2br.x4br/15.0 x 250.0/ø 10 2br.x4br/12.5 x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M ₁	M ₁₁	σ
19149	1	-138978.6	3392.6	1228.0	1.00
19249	1	-133578.6	-3969.6	-1290.2	1.00

▲Verifiche a Taglio

Da	A	V _{ed}	V _{ed2}	V _{ed3}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	
0.13	0.75	8697.0	15754.8	4470.5	18233.1
0.75	3.25	8697.0	13129.0	4470.5	15194.2
3.25	3.88	8697.0	15754.8	4470.5	18233.1

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₁ [kgm]	σ [kg/cm ²]
Combinazione Rare					
19149	Fl. 21	-95751.2	2448.0	840.8	-574.0
	s/c 20	-102057.3	2554.9	909.5	-1486.3
	sc Max 20	-102057.3	2554.9	909.5	-111.3
	sc Med 20	-102057.3	2554.9	909.5	-70.1
19249	Fl. 21	-94751.2	-3856.3	-883.8	-509.1
	s/c 20	-101057.3	-2986.7	-955.6	-1533.9
	sc Max 20	-101057.3	-2986.7	-955.6	-115.9
	sc Med 20	-101057.3	-2986.7	-955.6	-69.4
Combinazione Frequenti					
19149	Fl. 23	-93070.4	2357.5	804.0	-562.5
	s/c 23	-93070.4	2357.5	804.0	-1355.0
	sc Max 23	-93070.4	2357.5	804.0	-101.4
	sc Med 23	-93070.4	2357.5	804.0	-63.9
19249	Fl. 23	-92070.4	-2752.4	-845.3	-489.4
	s/c 23	-92070.4	-2752.4	-845.3	-1397.5
	sc Max 23	-92070.4	-2752.4	-845.3	-105.5
	sc Med 23	-92070.4	-2752.4	-845.3	-63.2
Combinazione Quasi Permanenti					

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M ₁ [kgm]	M ₁₁ [kgm]	σ [kg/cm ²]
19149	Fl. 26	-91913.1	2247.8	775.9	-587.6
	s/c 26	-91913.1	2247.8	775.9	-1326.0
	sc Max 26	-91913.1	2247.8	775.9	-99.0
19249	sc Med 26	-91913.1	2247.8	775.9	-63.1
	Fl. 26	-90913.1	-2631.6	-816.0	-506.0
	s/c 26	-90913.1	-2631.6	-816.0	-1367.0
	sc Max 26	-90913.1	-2631.6	-816.0	-103.0
	sc Med 26	-90913.1	-2631.6	-816.0	-62.4

▲Pilastro: 19249/19349 / L 3.75[m] / Sezione 4 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1ø22 x 4 V + 0ø12 x 2 B + 2ø22 x 2 H >
Staffe: ø 10 2br.x4br/12.5 x 62.5/ø 10 2br.x4br/15.0 x 250.0/ø 10 2br.x4br/12.5 x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M ₁	M ₁₁	σ
19249	1	-97345.0	4992.1	1385.1	1.00
19449	18	-58955.9	-8510.2	-483.7	1.00

▲Verifiche a Taglio

Da	A	V _{ed}	V _{ed2}	V _{ed3}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	
0.13	0.75	10623.4	15754.8	5725.9	18233.1
0.75	3.25	10623.4	13129.0	5725.9	15194.2
3.25	3.88	10623.4	15754.8	5725.9	18233.1

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
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▲Pilastro: 19349/19449 / L 3.75[m] / Sezione 5 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1ø22 x 4 V + 0ø12 x 2 B + 2ø22 x 2 H >
Staffe: ø 10 2br.x4br/12.5 x 62.5/ø 10 2br.x4br/15.0 x 250.0/ø 10 2br.x4br/12.5 x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M ₁	M ₁₁	σ
19449	1	-62867.7	3038.9	738.6	1.00
19449	1	-61067.7	-74.2	-12.3	1.00

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{med} [kg]	V _{as} [kg]	Staffe
0.13	0.75	5329.2	15754.8	26231.1	18233.1
0.75	3.25	5329.2	13129.0	26231.1	15194.2
3.25	3.88	5329.2	15754.8	26231.1	18233.1

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm ²]
Combinazioni Rare					
19349	Fl. 21	-41810.9	2173.4	505.9	-99.5
	sfc. 20	-45885.6	2282.0	547.0	-822.6
	sc. Max 20	-45885.6	2282.0	547.0	-64.1
19449	sc. Med 20	-45885.6	2282.0	547.0	-31.5
19449	Fl. 21	-40810.9	-51.3	-8.5	-413.1
	sfc. 20	-44885.6	-55.1	-9.1	-470.2
	sc. Max 20	-44885.6	-55.1	-9.1	-31.5
	sc. Med 20	-44885.6	-55.1	-9.1	-30.8
Combinazioni Frequenti					
19349	Fl. 23	-40622.3	2097.4	483.9	-99.5
	sfc. 23	-40622.3	2097.4	483.9	-737.4
	sc. Max 23	-40622.3	2097.4	483.9	-57.6
19449	sc. Med 24	-40961.6	2017.9	467.6	-28.1
19449	Fl. 23	-39622.3	-49.6	-8.1	-401.1
	sfc. 24	-39961.6	-48.6	-7.8	-418.5
	sc. Max 24	-39961.6	-48.6	-7.8	-28.1
	sc. Med 24	-39961.6	-48.6	-7.8	-27.4
Combinazioni Quasi Permanenti					
19349	Fl. 26	-40961.6	2017.9	467.6	-114.8
	sfc. 26	-40961.6	2017.9	467.6	-729.1
	sc. Max 26	-40961.6	2017.9	467.6	-56.7
19449	sc. Med 26	-40961.6	2017.9	467.6	-28.1
19449	Fl. 26	-39961.6	-48.6	-7.8	-404.7
	sfc. 26	-39961.6	-48.6	-7.8	-418.5
	sc. Max 26	-39961.6	-48.6	-7.8	-28.1
	sc. Med 26	-39961.6	-48.6	-7.8	-27.4

▲Pilastro: 119/19076 / L 3.75[m] / Sezione 1 B 35 [cm]H 55 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 12 2brx4br/15.0' x 375.0

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _u [kgm]	M _u [kgm]	σ _s	σ _s	Sd/Sr
19076	1	-235382.5	727.3	1830.7	1.00	1.00	0.50
19076	1	-232880.0	-5834.5	-2270.3	1.00	1.00	0.53

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{med} [kg]	V _{as} [kg]	Staffe
0.13	3.88	14513.8	26871.6	10782.6	32500.9

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm ²]
Combinazioni Rare					
119	Fl. 21	-166598.2	509.8	1196.0	-937.3
	sfc. 20	-176160.0	942.6	1336.3	-4233.5
	sc. Max 20	-176160.0	942.6	1336.3	-85.1
19076	sc. Med 20	-176160.0	942.6	1336.3	-740
19076	Fl. 21	-164673.2	-4185.3	-1523.6	-699.5
	sfc. 20	-174235.0	-4385.4	-1670.9	-1456.9
	sc. Max 20	-174235.0	-4385.4	-1670.9	-103.7
	sc. Med 20	-174235.0	-4385.4	-1670.9	-73.2
Combinazioni Frequenti					
119	Fl. 24	-159164.5	450.8	1098.5	-900.6
	sfc. 23	-161995.4	482.8	1132.3	-1126.7
	sc. Max 23	-161995.4	482.8	1132.3	-77.6

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm ²]
19076	sc. Med 23	-161995.4	482.8	1132.3	-488.0
	Fl. 24	-157239.5	-3804.7	-1413.1	-681.4
	sfc. 23	-160070.4	-4013.9	-1454.0	-1331.9
	sc. Max 23	-160070.4	-4013.9	-1454.0	-94.6
	sc. Med 23	-160070.4	-4013.9	-1454.0	-67.2

Combinazioni Quasi Permanenti					
119	Fl. 26	-159164.5	450.8	1098.5	-900.6
	sfc. 26	-159164.5	450.8	1098.5	-1104.7
	sc. Max 26	-159164.5	450.8	1098.5	-76.0
	sc. Med 26	-159164.5	450.8	1098.5	-46.8
19076	Fl. 26	-157239.5	-3804.7	-1413.1	-681.4
	sfc. 26	-157239.5	-3804.7	-1413.1	-129.7
	sc. Max 26	-157239.5	-3804.7	-1413.1	-99.3
	sc. Med 26	-157239.5	-3804.7	-1413.1	-66.0

▲Pilastro: 19076/19176 / L 3.75[m] / Sezione 2 B 30 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 12 2brx4br/15.0' x 62.5/ø 12 2brx4br/20.0' x 250.0/ø 12 2brx4br/15.0' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _u [kgm]	M _u [kgm]	σ _s	σ _s	Sd/Sr
19076	1	-186198.4	7955.0	1626.6	1.00	1.00	0.57
19176	1	-184248.4	-8947.4	-1704.1	1.00	1.00	0.58

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{med} [kg]	V _{as} [kg]	Staffe
0.13	0.75	15566.0	24216.3	6178.0	27190.3
0.75	3.25	15566.0	18162.2	6178.0	20392.7
3.25	3.88	15566.0	24216.3	6178.0	27190.3

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm ²]
Combinazioni Rare					
19076	Fl. 21	-131157.4	5700.2	1107.3	-486.0
	sfc. 20	-139137.8	5978.7	1202.5	-1615.9
	sc. Max 20	-139137.8	5978.7	1202.5	-118.5
	sc. Med 20	-139137.8	5978.7	1202.5	-71.1
19176	Fl. 21	-129657.4	-6407.2	-1158.8	-418.4
	sfc. 20	-137637.8	-6721.5	-1258.6	-1663.8
	sc. Max 20	-137637.8	-6721.5	-1258.6	-122.7
	sc. Med 20	-137637.8	-6721.5	-1258.6	-70.4

Combinazioni Frequenti					
19076	Fl. 23	-127493.0	5473.9	1061.0	-478.7
	sfc. 23	-127493.0	5473.9	1061.0	-1476.5
	sc. Max 23	-127493.0	5473.9	1061.0	-108.2
	sc. Med 23	-127493.0	5473.9	1061.0	-65.2
19176	Fl. 23	-125991.0	-6157.4	-1107.3	-413.2
	sfc. 23	-125991.0	-6157.4	-1107.3	-1519.1
	sc. Max 23	-125991.0	-6157.4	-1107.3	-112.0
	sc. Med 23	-125991.0	-6157.4	-1107.3	-64.4

Combinazioni Quasi Permanenti					
19076	Fl. 26	-125478.5	5207.0	1031.7	-485.5
	sfc. 26	-125478.5	5207.0	1031.7	-1488.9
	sc. Max 26	-125478.5	5207.0	1031.7	-385.3
	sc. Med 26	-125478.5	5207.0	1031.7	-44.1
19176	Fl. 26	-123978.5	-5867.5	-1076.3	-421.8
	sfc. 26	-123978.5	-5867.5	-1076.3	-1479.6
	sc. Max 26	-123978.5	-5867.5	-1076.3	-108.9
	sc. Med 26	-123978.5	-5867.5	-1076.3	-63.4

▲Pilastro: 19176/19276 / L 3.75[m] / Sezione 3 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 12 2brx4br/12.5' x 62.5/ø 10 2brx4br/15.0' x 250.0/ø 10 2brx4br/12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _{Ed}	M _{Ed}	M _{Ed}	α _{Ed}	α _{Ed}	Sd/Sr
19376	1	-141732.3	50326	8446	1.00	1.00	0.57	
19276	1	-140432.3	-57607	-8622	1.00	1.00	0.59	

▲Verifiche a Taglio

Da	A	V _{Ed}	V _{Ed2}	V _{Ed1}	V _{Ed3}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	15754.8	3422.9	18233.1		ø 10 2brx4br/12.5'
0.75	3.25	9094.5	13129.0	3422.9	15194.2	ø 10 2brx4br/12.5'
3.25	3.88	9094.5	15754.8	3422.9	18233.1	ø 10 2brx4br/12.5'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _{Ed}	M _{Ed}	M _{Ed}	α _{Ed}	α _{Ed}
		[kg]	[kg]	[kg]	[kg]	[kg/cm ²]	[kg/cm ²]
Combinazioni Rare							
19376	Fl. 21	-99086.4	3594.4	571.8		-511.6	
	sf. 20	-105655.9	3777.4	623.3		-1626.6	
	sc. Max 20	-105655.9	3777.4	623.3		-122.0	
	sc. Med 20	-105655.9	3777.4	623.3		-72.6	
19276	Fl. 21	-98086.4	-4108.1	-583.6		-438.7	
	sf. 20	-104655.9	-4321.8	-636.2		-1682.7	
	sc. Max 20	-104655.9	-4321.8	-636.2		-127.2	
	sc. Med 20	-104655.9	-4321.8	-636.2		-71.9	

Combinazioni Frequenti							
19376	Fl. 23	-96285.4	3458.4	546.7		-502.5	
	sf. 23	-96285.4	3458.4	546.7		-1481.2	
	sc. Max 23	-96285.4	3458.4	546.7		-111.0	
	sc. Med 23	-96285.4	3458.4	546.7		-66.1	
19276	Fl. 23	-95285.4	-3954.7	-557.7		-431.8	
	sf. 23	-95285.4	-3954.7	-557.7		-1531.3	
	sc. Max 23	-95285.4	-3954.7	-557.7		-115.7	
	sc. Med 23	-95285.4	-3954.7	-557.7		-65.4	

Combinazioni Quasi Permanenti							
19376	Fl. 26	-95063.1	3308.6	530.6		-510.0	
	sf. 26	-95063.1	3308.6	530.6		-1448.5	
	sc. Max 26	-95063.1	3308.6	530.6		-108.4	
	sc. Med 26	-95063.1	3308.6	530.6		-65.3	
19276	Fl. 26	-94063.1	-3790.3	-540.9		-441.1	
	sf. 26	-94063.1	-3790.3	-540.9		-1406.8	
	sc. Max 26	-94063.1	-3790.3	-540.9		-112.9	
	sc. Med 26	-94063.1	-3790.3	-540.9		-64.6	

▲Pilastro: 19276/19376 / L 3.75[m] / Sezione 4 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1ø12 x 4 V + 0ø12 x 2 B + 2ø22 x 2 H >

Staffe: ø 10 2brx4br/12.5' x 62.5/ø 10 2brx4br/15.0' x 250.0/ø 10 2brx4br/12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _{Ed}	M _{Ed}	M _{Ed}	α _{Ed}	α _{Ed}	Sd/Sr
19276	19	-62696.6	9551.2	1391.4	1.00	1.00	0.54	
19376	19	-61696.6	-10097.7	-1417.0	1.00	1.00	0.56	

▲Verifiche a Taglio

Da	A	V _{Ed}	V _{Ed2}	V _{Ed1}	V _{Ed3}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	10950.2	15794.8	3851.9	18233.1	ø 10 2brx4br/12.5'
0.75	3.25	10950.2	13129.0	3851.9	15194.2	ø 10 2brx4br/12.5'
3.25	3.88	10950.2	15794.8	3851.9	18233.1	ø 10 2brx4br/12.5'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _{Ed}	M _{Ed}	M _{Ed}	α _{Ed}	α _{Ed}
		[kg]	[kg]	[kg]	[kg]	[kg/cm ²]	[kg/cm ²]
Combinazioni Rare							
19276	Fl. 21	-70799.1	5012.0	602.7		-37.4	
	sf. 20	-76219.6	5280.5	656.9		-1511.2	
	sc. Max 20	-76219.6	5280.5	656.9		-118.6	
	sc. Med 20	-76219.6	5280.5	656.9		-54.7	

Nodo	Comb	N	M _{Ed}	M _{Ed}	M _{Ed}	α _{Ed}	α _{Ed}
		[kg]	[kg]	[kg]	[kg]	[kg/cm ²]	[kg/cm ²]
19376	Fl. 21	-69393.1	-5413.5	-610.6		-38.5	
	sf. 20	-75219.6	-5706.8	-665.3		-1519.3	
	sc. Max 20	-75219.6	-5706.8	-665.3		-123.2	
	sc. Med 20	-75219.6	-5706.8	-665.3		-56.2	

Combinazioni Frequenti							
19276	Fl. 23	-68780.7	4828.1	575.7		-43.7	
	sf. 23	-68780.7	4828.1	575.7		-1369.2	
	sc. Max 23	-68780.7	4828.1	575.7		-107.5	
	sc. Med 23	-68780.7	4828.1	575.7		-49.6	
19376	Fl. 23	-6780.7	-5216.5	-583.2		27.4	
	sf. 23	-6780.7	-5216.5	-583.2		-1412.5	
	sc. Max 23	-6780.7	-5216.5	-583.2		-111.7	
	sc. Med 23	-6780.7	-5216.5	-583.2		-51.1	

Combinazioni Quasi Permanenti							
19276	Fl. 26	-6857.5	4639.4	557.8		-67.6	
	sf. 26	-6857.5	4639.4	557.8		-1338.2	
	sc. Max 26	-6857.5	4639.4	557.8		-104.7	
	sc. Med 26	-6857.5	4639.4	557.8		-48.6	
19376	Fl. 26	-67357.5	-5017.9	-564.9		-407	
	sf. 26	-67357.5	-5017.9	-564.9		-1379.0	
	sc. Max 26	-67357.5	-5017.9	-564.9		-108.7	
	sc. Med 26	-67357.5	-5017.9	-564.9		-49.8	

▲Pilastro: 19376/19476 / L 3.75[m] / Sezione 5 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1ø22 x 4 V + 0ø12 x 2 B + 2ø22 x 2 H >

Staffe: ø 10 2brx4br/12.5' x 62.5/ø 10 2brx4br/15.0' x 250.0/ø 10 2brx4br/12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _{Ed}	M _{Ed}	M _{Ed}	α _{Ed}	α _{Ed}	Sd/Sr
19376	1	-68355.4	4217.3	464.8	1.00	1.00	0.33	
19476	1	-67055.4	-98.9	-105	1.00	1.00	0.22	

▲Verifiche a Taglio

Da	A	V _{Ed}	V _{Ed2}	V _{Ed1}	V _{Ed3}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	54388	15754.8	1714.1	18233.1	ø 10 2brx4br/12.5'
0.75	3.25	54388	13129.0	1714.1	15194.2	ø 10 2brx4br/15.0'
3.25	3.88	54388	15754.8	1714.1	18233.1	ø 10 2brx4br/12.5'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _{Ed}	M _{Ed}	M _{Ed}	α _{Ed}	α _{Ed}
		[kg]	[kg]	[kg]	[kg]	[kg/cm ²]	[kg/cm ²]
Combinazioni Rare							
19376	Fl. 21	-45728.0	2995.9	314.9		-68.6	
	sf. 20	-50258.0	3159.9	343.1		-942.5	
	sc. Max 20	-50258.0	3159.9	343.1		-73.1	
	sc. Med 20	-50258.0	3159.9	343.1		-24.9	
19476	Fl. 21	-44728.0	-68.5	-7.0		-451.6	
	sf. 20	-49258.0	-73.5	-7.7		-517.2	
	sc. Max 20	-49258.0	-73.5	-7.7		-34.7	
	sc. Med 20	-49258.0	-73.5	-7.7		-33.8	

Combinazioni Frequenti							
19376	Fl. 23	-44402.7	2887.6	300.8		-70.1	
	sf. 23	-44402.7	2887.6	300.8		-844.1	
	sc. Max 23	-44402.7	2887.6	300.8		-65.6	
	sc. Med 23	-44402.7	2887.6	300.8		-31.1	
19476	Fl. 23	-43402.7	-46.1	-6.7		-488.3	
	sf. 24	-43772.0	-64.6	-6.6		-499.5	
	sc. Max 24	-43772.0	-64.6	-6.6		-30.8	
	sc. Med 24	-43772.0	-64.6	-6.6		-30.1	

Combinazioni Quasi Permanenti							
19376	Fl. 26	-44772.0	2780.4	291.4		-88.9	
	sf. 26	-44772.0	2780.4	291.4		-832.3	
	sc. Max 26	-44772.0	2780.4	291.4		-49.5	
	sc. Med 26	-44772.0	2780.4	291.4		-31.0	
19476	Fl. 26	-43772.0	-64.6	-6.6		-442.3	
	sf. 26	-43772.0	-64.6	-6.6		-499.5	
	sc. Max 26	-43772.0	-64.6	-6.6		-30.8	

▲Verifiche a Presso-Flessione S.L.E.

	Combinazioni Rare				
	Fl. 21	-68475.5	2911.2	-3107.1	-9.2
19129	sic 20	-72932.1	2994.1	-3256.2	-10910.0
	sc Max 20	-72932.1	2994.1	-3256.2	-86.4
	sc Med 20	-72932.1	2994.1	-3256.2	-38.6
	sc Max 20	-72932.1	2994.1	-3256.2	-38.6
19229	Fl. 21	-66975.5	-3090.7	3477.1	64.7
	sic 20	-71432.1	-3173.8	3644.7	-1136.5
	sc Max 20	-71432.1	-3173.8	3644.7	-91.1
	sc Med 20	-71432.1	-3173.8	3644.7	-39.1
Combinazioni Frequenti					
19129	Fl. 23	-66445.0	2814.3	-3019.9	-9.3
	sic 23	-66445.0	2814.3	-3019.9	-1006.3
	sc Max 23	-66445.0	2814.3	-3019.9	-79.9
	sc Med 23	-66445.0	2814.3	-3019.9	-35.3
19229	Fl. 23	-64945.0	-2989.2	3379.5	63.1
	sic 23	-64945.0	-2989.2	3379.5	-1049.1
	sc Max 23	-64945.0	-2989.2	3379.5	-84.3
	sc Med 23	-64945.0	-2989.2	3379.5	-35.8
Combinazioni Quasi Permanenti					
19129	Fl. 26	-65355.1	2675.7	-2944.9	-19.6
	sic 26	-65355.1	2675.7	-2944.9	-979.9
	sc Max 26	-65355.1	2675.7	-2944.9	-77.7
	sc Med 26	-65355.1	2675.7	-2944.9	-34.6
19229	Fl. 26	-63855.1	-2841.7	3296.2	49.9
	sic 26	-63855.1	-2841.7	3296.2	-1020.5
	sc Max 26	-63855.1	-2841.7	3296.2	-81.9
	sc Med 26	-63855.1	-2841.7	3296.2	-35.0

▲Pilastro: 19229/19329 / L 3.75[m] / Sezione 3 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 12 2brx4br/12.5' x 62.5/ø 12 2brx4br/15.0' x 250.0/ø 12 2brx4br/12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _u	M _u	σ _u	Sd/Sr
19229	1	-76239.2	2227.4	-2752.1	1.00	1.00
19329	1	-74939.2	-2593.2	3017.0	1.00	1.00

▲Verifiche a Taglio

Da	A	V _{ed}	V _{ed2}	V _{ed3}	V _{ed4}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	8212.7	15754.8	6591.7	18233.1	ø 10 2brx4br/12.5'
0.75	3.25	8212.7	13129.0	6591.7	15194.2	ø 10 2brx4br/15.0'
3.25	3.88	8212.7	15754.8	6591.7	18233.1	ø 10 2brx4br/12.5'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm ²]
Combinazioni Rare					
19229	Fl. 21	-53081.4	1645.5	-1972.3	-57.7
	sic 20	-56759.4	1690.4	-2067.9	-1088.9
	sc Max 20	-56759.4	1690.4	-2067.9	-90.0
	sc Med 20	-56759.4	1690.4	-2067.9	-40.3
19329	Fl. 21	-52081.4	-1848.6	2161.9	17.0
	sic 20	-55759.4	-1899.5	2266.9	-1138.4
	sc Max 20	-55759.4	-1899.5	2266.9	-95.4
	sc Med 20	-55759.4	-1899.5	2266.9	-40.9
Combinazioni Frequenti					
19229	Fl. 23	-51492.0	1592.0	-1916.9	-55.9
	sic 23	-51492.0	1592.0	-1916.9	-1001.7
	sc Max 23	-51492.0	1592.0	-1916.9	-83.0
	sc Med 23	-51492.0	1592.0	-1916.9	-36.8
19329	Fl. 23	-50492.0	-1788.6	2101.2	17.0
	sic 23	-50492.0	-1788.6	2101.2	-1047.9
	sc Max 23	-50492.0	-1788.6	2101.2	-88.1
	sc Med 23	-50492.0	-1788.6	2101.2	-37.4
Combinazioni Quasi Permanenti					

Nodo	Comb	N [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm ²]
	sc Med 26	-43772.0	-494.6	-4.6	-30.1

▲Pilastro: 120/19129 / L 3.75[m] / Sezione 1 B 35 [cm]H 55 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 12 2brx4br/15.0' x 37.5'

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _u	M _u	σ _u	Sd/Sr
120	13	-86007.7	-2677.3	914	1.00	0.35
19129	13	-84082.7	-2677.3	7966.5	1.00	0.33

▲Verifiche a Taglio

Da	A	V _{ed}	V _{ed2}	V _{ed3}	V _{ed4}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	3.88	13949.1	24671.6	14954.7	32500.9	ø 12 2brx4br/15.0'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	Combinazioni Rare			σ [kg/cm ²]
			M _u [kgm]	M _u [kgm]	M _u [kgm]	
120	Fl. 21	-84075.4	-252.6	-1317.0	-423.1	
	sic 20	-89287.9	-272.8	-1374.6	-674.1	
	sc Max 20	-89287.9	-272.8	-1374.6	-47.7	
	sc Med 20	-89287.9	-272.8	-1374.6	-37.5	
19129	Fl. 21	-82150.4	-1986.4	3069.3	-192.2	
	sic 20	-87362.9	-2031.4	3213.0	-888.2	
	sc Max 20	-87362.9	-2031.4	3213.0	-66.7	
	sc Med 20	-87362.9	-2031.4	3213.0	-36.7	

▲Pilastro: 19129/19229 / L 3.75[m] / Sezione 2 B 30 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 12 2brx4br/15.0' x 62.5/ø 12 2brx4br/20.0' x 250.0/ø 12 2brx4br/15.0' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _u	M _u	σ _u	Sd/Sr
19129	1	-9782.7	3947.5	-4332.4	1.00	0.36
19229	1	-95832.7	-4181.4	4849.8	1.00	0.38

▲Verifiche a Taglio

Da	A	V _{ed}	V _{ed2}	V _{ed3}	V _{ed4}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	14213.2	24216.3	10423.4	27190.3	ø 12 2brx4br/15.0'
0.75	3.25	14213.2	18162.2	10423.4	20392.7	ø 12 2brx4br/20.0'
3.25	3.88	14213.2	24216.3	10423.4	27190.3	ø 12 2brx4br/15.0'

▲Verifiche a Taglio

Da	A	V _{ed}	V _{adm}	V _{ed}	V _{adm}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	4970.8	15754.8	3975.9	18233.1	ø 10 2brx4br /12.5'
0.75	3.25	4970.8	13129.0	3975.9	15194.2	ø 10 2brx4br /15.0'
3.25	3.88	4970.8	15754.8	3975.9	18233.1	ø 10 2brx4br /12.5'

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _u	M _u	σ
		[kg]	[kgm]	[kgm]	[kg/cm ²]
Combinazioni Rare					
19429	Fl. 21	-22012.9	1325.4	-1416.1	224.0
	s/c 20	-24025.5	1363.4	-1488.1	-661.8
	s/c Max 20	-24025.5	1363.4	-1488.1	-58.8
	s/c Med 20	-24025.5	1363.4	-1488.1	-22.3
19529	Fl. 21	-21012.9	-43.8	36.1	-206.0
	s/c 20	-23025.5	-46.6	38.9	-248.4
	s/c Max 20	-23025.5	-46.6	38.9	-16.9
	s/c Med 20	-23025.5	-46.6	38.9	-15.8
Combinazioni Frequenti					
19429	Fl. 23	-21351.8	1282.4	-1376.4	217.5
	s/c 20	-21351.8	1282.4	-1376.4	-609.4
	s/c Max 23	-21351.8	1282.4	-1376.4	-54.5
	s/c Med 23	-21351.8	1282.4	-1376.4	-20.4
19529	Fl. 23	-20351.8	-42.4	35.0	-199.5
	s/c 24	-20371.4	-41.6	34.8	-219.8
	s/c Max 24	-20371.4	-41.6	34.8	-15.0
	s/c Med 24	-20371.4	-41.6	34.8	-14.0
Combinazioni Quasi Permanenti					
19429	Fl. 26	-21371.4	1221.9	-1345.1	196.4
	s/c 26	-21371.4	1221.9	-1345.1	-594.2
	s/c Max 26	-21371.4	1221.9	-1345.1	-52.9
	s/c Med 26	-21371.4	1221.9	-1345.1	-20.0
19529	Fl. 26	-20371.4	-41.6	34.8	-199.9
	s/c 26	-20371.4	-41.6	34.8	-219.8
	s/c Max 26	-20371.4	-41.6	34.8	-15.0
	s/c Med 26	-20371.4	-41.6	34.8	-14.0

▲Pilastro: 121/19214 / L 3.75[m] / Sezione 1 B 35 [cm]H 55 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 12 2brx4br /15.0' x 3.75.0

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _u	M _u	σ
			[kg]	[kgm]	[kg/cm ²]
121	17	-86348.0	-2651.0	8883.5	8.70
19214	17	-84423.0	-2651.0	-7972.2	1.00

▲Verifiche a Taglio

Da	A	V _{ed}	V _{adm}	V _{ed}	V _{adm}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	3.88	13858.8	26871.6	14929.7	32500.9	ø 12 2brx4br /15.0'

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _u	M _u	σ
		[kg]	[kgm]	[kgm]	[kg/cm ²]
Combinazioni Base					
121	Fl. 21	-34493.4	-264.3	1315.7	-424.9
	s/c 20	-89765.4	-285.0	1378.7	-678.1
	s/c Max 20	-89765.4	-285.0	1378.7	-47.9
	s/c Med 20	-89765.4	-285.0	1378.7	-37.7
19214	Fl. 21	-82566.4	-1962.2	-3066.5	-196.4
	s/c 20	-87840.4	-2005.9	-3212.0	-889.7
	s/c Max 20	-87840.4	-2005.9	-3212.0	-66.8
	s/c Med 20	-87840.4	-2005.9	-3212.0	-36.9
Combinazioni Frequenti					
121	Fl. 24	-80574.3	-241.2	1250.6	-486.4
	s/c 23	-82013.7	-252.0	1283.6	-620.7
	s/c Max 23	-82013.7	-252.0	1283.6	-43.9

Nodo	Comb	N	M _u	M _u	σ
		[kg]	[kgm]	[kgm]	[kg/cm ²]
19229	Fl. 26	-50765.0	1515.0	-1869.9	-65.8
	s/c 26	-50765.0	1515.0	-1869.9	-977.5
	s/c Max 26	-50765.0	1515.0	-1869.9	-80.9
	s/c Med 26	-50765.0	1515.0	-1869.9	-36.1
19329	Fl. 26	-49765.0	-1702.6	2049.7	4.0
	s/c 26	-49765.0	-1702.6	2049.7	-1021.4
	s/c Max 26	-49765.0	-1702.6	2049.7	-85.7
	s/c Med 26	-49765.0	-1702.6	2049.7	-36.7

▲Pilastro: 19329/19429 / L 3.75[m] / Sezione 4 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2brx4br /12.5' x 62.5 ø 10 2brx4br /15.0' x 250.0 ø 10 2brx4br /12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _u	M _u	σ
		[kg]	[kgm]	[kgm]	[kg/cm ²]
19329	13	-37570.5	2793.0	-4398.3	1.00
19429	13	-36570.5	-2975.0	4578.7	1.00

▲Verifiche a Taglio

Da	A	V _{ed}	V _{adm}	V _{ed}	V _{adm}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	9865.0	15754.8	7618.8	18233.1	ø 10 2brx4br /12.5'
0.75	3.25	9865.0	13129.0	7618.8	15194.2	ø 10 2brx4br /15.0'
3.25	3.88	9865.0	15754.8	7618.8	18233.1	ø 10 2brx4br /12.5'

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _u	M _u	σ
		[kg]	[kgm]	[kgm]	[kg/cm ²]
Combinazioni Rare					
19329	Fl. 21	-37648.4	2225.8	-2490.0	395.3
	s/c 20	-40503.4	2288.6	-2612.8	-1134.7
	s/c Max 20	-40503.4	2288.6	-2612.8	-101.4
	s/c Med 20	-40503.4	2288.6	-2612.8	-38.4
19429	Fl. 21	-36648.4	-2389.9	2633.4	493.0
	s/c 20	-39903.4	-2457.3	2764.8	-1183.8
	s/c Max 20	-39903.4	-2457.3	2764.8	-107.1
	s/c Med 20	-39903.4	-2457.3	2764.8	-39.9
Combinazioni Frequenti					
19329	Fl. 23	-36520.4	2153.6	-2420.1	383.7
	s/c 23	-36520.4	2153.6	-2420.1	-1049.4
	s/c Max 23	-36520.4	2153.6	-2420.1	-94.1
	s/c Med 23	-36520.4	2153.6	-2420.1	-35.4
19429	Fl. 23	-35520.4	-2312.4	2559.5	479.3
	s/c 23	-35520.4	-2312.4	2559.5	-1094.8
	s/c Max 23	-35520.4	-2312.4	2559.5	-99.5
	s/c Med 23	-35520.4	-2312.4	2559.5	-36.8

Nodo	Comb	N	M _u	M _u	σ
		[kg]	[kgm]	[kgm]	[kg/cm ²]
Combinazioni Quasi Permanenti					
19329	Fl. 26	-36167.7	2051.0	-2362.1	354.1
	s/c 26	-36167.7	2051.0	-2362.1	-1020.1
	s/c Max 26	-36167.7	2051.0	-2362.1	-91.3
	s/c Med 26	-36167.7	2051.0	-2362.1	-34.5
19429	Fl. 26	-35167.7	-2202.3	2499.4	446.2
	s/c 26	-35167.7	-2202.3	2499.4	-1063.7
	s/c Max 26	-35167.7	-2202.3	2499.4	-96.4
	s/c Med 26	-35167.7	-2202.3	2499.4	-35.9

▲Pilastro: 19429/19529 / L 3.75[m] / Sezione 5 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2brx4br /12.5' x 62.5 ø 10 2brx4br /15.0' x 250.0 ø 10 2brx4br /12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _u	M _u	σ
		[kg]	[kgm]	[kgm]	[kg/cm ²]
19429	1	-32574.8	1797.7	-1982.5	1.00
19529	1	-31274.8	-62.5	52.5	1.00

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _{1,2}	M _{1,3}	α _{1,2}	α _{1,3}	Sd/Sr
19314	1	-765967	22052	27491	1.00	1.00	0.37
19414	1	-752967	-24948	-30139	1.00	1.00	0.39

▲Verifiche a Taglio

Da	A	V _{Ed}	V _{Ed}	V _{Ed}	V _{Ed}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	8183.8	15754.8	6581.5	18233.1	ø 10 2brx4br/22.5°
0.75	3.25	8183.8	13129.0	6581.5	15194.2	ø 10 2brx4br/15.0°
3.25	3.88	8183.8	15754.8	6581.5	18233.1	ø 10 2brx4br/12.5°

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _{Ed}	M _{Ed}	M _{Ed}	σ
		[kg]	[kg]	[kg]	[kg]	[kg/cm ²]
Combinazioni Base						
19314	Fl. 21	-53319.6	1629.5	1969.4		-63.1
	s/c 20	-57021.9	1673.7	2065.5		-1089.0
	sc Max 20	-57021.9	1673.7	2065.5		-89.9
	sc Med 20	-57021.9	1673.7	2065.5		-40.4
19414	Fl. 21	-52319.6	-1842.5	-2159.6		12.7
	s/c 20	-56021.9	-1893.1	-2264.6		-1139.6
	sc Max 20	-56021.9	-1893.1	-2264.6		-95.4
	sc Med 20	-56021.9	-1893.1	-2264.6		-41.0

Nodo	Comb	N	M _{Ed}	M _{Ed}	M _{Ed}	σ
		[kg]	[kg]	[kg]	[kg]	[kg/cm ²]
Combinazioni Frequenti						
19314	Fl. 21	-51722.5	1576.5	1914.2		-61.1
	s/c 23	-51722.5	1576.5	1914.2		-1001.5
	sc Max 23	-51722.5	1576.5	1914.2		-82.9
	sc Med 23	-51722.5	1576.5	1914.2		-36.9
19414	Fl. 23	-50722.5	-1782.7	-2099.0		12.8
	s/c 23	-50722.5	-1782.7	-2099.0		-1048.9
	sc Max 23	-50722.5	-1782.7	-2099.0		-88.1
	sc Med 23	-50722.5	-1782.7	-2099.0		-37.5

Nodo	Comb	N	M _{Ed}	M _{Ed}	M _{Ed}	σ
		[kg]	[kg]	[kg]	[kg]	[kg/cm ²]
Combinazioni Qual Permanenti						
19314	Fl. 26	-50996.5	1500.0	1867.8		-70.8
	s/c 26	-50996.5	1500.0	1867.8		-977.5
	sc Max 26	-50996.5	1500.0	1867.8		-80.8
	sc Med 26	-50996.5	1500.0	1867.8		-36.2
19414	Fl. 26	-49996.5	-1696.8	-2047.8		-0.0
	s/c 26	-49996.5	-1696.8	-2047.8		-1022.4
	sc Max 26	-49996.5	-1696.8	-2047.8		-45.7
	sc Med 26	-49996.5	-1696.8	-2047.8		-36.8

▲Pilastro: 19414/19514 / L 3.75[m] / Sezione 4 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 10 2brx4br/12.5° x 62.5/ø 10 2brx4br/15.0° x 250.0/ø 10 2brx4br/12.5° x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _{1,2}	M _{1,3}	α ₂	α ₃	Sd/Sr
19414	17	-37760.5	2772.1	4358.6	1.00	1.00	0.39
19514	17	-36760.5	-2936.3	-4576.1	1.00	1.00	0.41

▲Verifiche a Taglio

Da	A	V _{Ed}	V _{Ed}	V _{Ed}	V _{Ed}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	9321.2	15754.8	7622.6	18233.1	ø 10 2brx4br/22.5°
0.75	3.25	9321.2	13129.0	7622.6	15194.2	ø 10 2brx4br/15.0°
3.25	3.88	9321.2	15754.8	7622.6	18233.1	ø 10 2brx4br/12.5°

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _{Ed}	M _{Ed}	M _{Ed}	σ
		[kg]	[kg]	[kg]	[kg]	[kg/cm ²]
Combinazioni Base						
19414	Fl. 21	-37948.9	2209.8	2486.3		386.9
	s/c 20	-40726.8	2271.9	2609.0		-1133.0
	sc Max 20	-40726.8	2271.9	2609.0		-101.1
	sc Med 20	-40726.8	2271.9	2609.0		-38.4

▲Pilastro: 19314/19414 / L 3.75[m] / Sezione 3 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 10 2brx4br/12.5° x 62.5/ø 10 2brx4br/15.0° x 250.0/ø 10 2brx4br/12.5° x 62.5

Nodo	Comb	N	M _{Ed}	M _{Ed}	M _{Ed}	σ
		[kg]	[kg]	[kg]	[kg]	[kg/cm ²]
Combinazioni Quasi Permanenti						
121	Fl. 26	-80574.3	-241.2	1250.6		-406.4
	s/c 26	-80574.3	-241.2	1250.6		-608.8
	sc Max 26	-80574.3	-241.2	1250.6		-43.1
	sc Med 26	-80574.3	-241.2	1250.6		-33.8
19214	Fl. 26	-78649.3	-1803.4	-2906.7		-191.7
	s/c 26	-78649.3	-1803.4	-2906.7		-799.2
	sc Max 26	-78649.3	-1803.4	-2906.7		-60.0
	sc Med 26	-78649.3	-1803.4	-2906.7		-33.0

Nodo	Comb	N	M _{Ed}	M _{Ed}	M _{Ed}	σ
		[kg]	[kg]	[kg]	[kg]	[kg/cm ²]
19214	sc Med 23	-82033.7	-225.0	1283.6		-34.4
	Fl. 23	-80088.7	-1899.5	-2980.9		-190.3
	s/c 23	-80088.7	-1899.5	-2980.9		-818.8
	sc Max 23	-80088.7	-1899.5	-2980.9		-61.5
	sc Med 23	-80088.7	-1899.5	-2980.9		-33.6

▲Pilastro: 19214/19314 / L 3.75[m] / Sezione 2 B 30 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 12 2brx4br/15.0° x 62.5/ø 12 2brx4br/20.0° x 250.0/ø 12 2brx4br/15.0° x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M ₁₂	M ₁₃	α ₂	α ₃	Sd/Sr
19214	1	-98317.2	3898.8	4326.9	1.00	1.00	0.37
19314	1	-96367.2	-4115.6	-4844.9	1.00	1.00	0.38

▲Verifiche a Taglio

Da	A	V _{Ed}	V _{Ed}	V _{Ed}	V _{Ed}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	14154.3	24216.3	10409.0	27190.3	ø 12 2brx4br/15.0°
0.75	3.25	14154.3	18162.2	10409.0	20392.7	ø 12 2brx4br/20.0°
3.25	3.88	14154.3	24216.3	10409.0	27190.3	ø 12 2brx4br/15.0°

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _{Ed}	M _{Ed}	M _{Ed}	σ
		[kg]	[kg]	[kg]	[kg]	[kg/cm ²]
Combinazioni Rare						
19214	Fl. 21	-68820.5	2876.2	3100.9		-15.8
	s/c 20	-73320.8	2957.4	3251.3		-1090.4
	sc Max 20	-73320.8	2957.4	3251.3		-86.3
	sc Med 20	-73320.8	2957.4	3251.3		-38.7
19314	Fl. 21	-67320.6	-3043.3	-3470.9		56.3
	s/c 20	-71820.8	-3124.3	-3640.1		-1134.6
	sc Max 20	-71820.8	-3124.3	-3640.1		-90.9
	sc Med 20	-71820.8	-3124.3	-3640.1		-39.1

Nodo	Comb	N	M _{Ed}	M _{Ed}	M _{Ed}	σ
		[kg]	[kg]	[kg]	[kg]	[kg/cm ²]
Combinazioni Frequenti						
19214	Fl. 23	-66778.1	2780.5	3014.0		-15.7
	s/c 23	-66778.1	2780.5	3014.0		-1005.3
	sc Max 23	-66778.1	2780.5	3014.0		-79.7
	sc Med 23	-66778.1	2780.5	3014.0		-35.4
19314	Fl. 23	-65781.1	-2943.4	-3373.7		54.9
	s/c 23	-65781.1	-2943.4	-3373.7		-1046.9
	sc Max 23	-65781.1	-2943.4	-3373.7		-84.0
	sc Med 23	-65781.1	-2943.4	-3373.7		-35.9

Nodo	Comb	N	M _{Ed}	M _{Ed}	M _{Ed}	σ
		[kg]	[kg]	[kg]	[kg]	[kg/cm ²]
Combinazioni Quasi Permanenti						
19214	Fl. 26	-65693.5	2643.0	2940.3		-25.7
	s/c 26	-65693.5	2643.0	2940.3		-979.3
	sc Max 26	-65693.5	2643.0	2940.3		-77.6
	sc Med 26	-65693.5	2643.0	2940.3		-34.7
19314	Fl. 26	-64193.5	-2797.4	-3291.9		42.1
	s/c 26	-64193.5	-2797.4	-3291.9		-1018.7
	sc Max 26	-64193.5	-2797.4	-3291.9		-81.7
	sc Med 26	-64193.5	-2797.4	-3291.9		-35.1

Nodo	Comb	N	M _{Ed}	M _{Ed}	M _{Ed}	σ
		[kg]	[kg]	[kg]	[kg]	[kg/cm ²]
Combinazioni Base						
19214	Fl. 21	-37948.9	2209.8	2486.3		386.9
	s/c 20	-40726.8	2271.9	2609.0		-1133.0
	sc Max 20	-40726.8	2271.9	2609.0		-101.1
	sc Med 20	-40726.8	2271.9	2609.0		-38.4

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₁ [kgm]	σ [kg/cm ²]
	sc Med 26	-20411.5	-41.3	-34.8	-14.0

▲Pilastro: 122/19235 / L 3.75[m] / Sezione 1 B 35 [cm]H 55 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 12 2br.x4br/15.0' x 375.0

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₁ [kgm]	σ ₁₂ [kg/cm ²]	σ ₁₁ [kg/cm ²]	Sd/Sr
122	1	-235818.8	721.3	-1884.5	1.00	1.00	0.50
19235	1	-233336.3	-5841.6	2301.9	1.00	1.00	0.53

▲Verifiche a Taglio

Da [m]	A [m]	V _{max} [kg]	V _{max} [kg]	V _{max} [kg]	Staffe
0.13	3.88	14492.3	26871.6	10802.8	ø 12 2br.x4br/15.0

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₁ [kgm]	σ [kg/cm ²]
Combinazioni Rare					

122	Fl 21	-166897.1	504.4	-1231.7	-937.0
	sfc 20	-176483.2	537.7	-1375.8	-1238.1
	sc Max 20	-176483.2	537.7	-1375.8	-85.5
	sc Med 20	-176483.2	537.7	-1375.8	-74.1
19235	Fl 21	-164972.1	4186.1	1542.7	-700.0
	sfc 20	-174558.2	-4389.3	1693.4	-1460.7
	sc Max 20	-174558.2	-4389.3	1693.4	-104.0
	sc Med 20	-174558.2	-4389.3	1693.4	-73.3

122	Fl 24	-159453.8	445.9	-1132.4	-900.3
	sfc 23	-162285.8	477.5	-1166.6	-1130.6
	sc Max 23	-162285.8	477.5	-1166.6	-77.9
	sc Med 23	-162285.8	477.5	-1166.6	-68.2
19235	Fl 24	-157528.8	-3805.8	1431.6	-681.8
	sfc 23	-160360.8	-4014.2	1472.2	-1335.0
	sc Max 23	-160360.8	-4014.2	1472.2	-94.9
	sc Med 23	-160360.8	-4014.2	1472.2	-67.3

Combinazioni Quasi Permanenti					
122	Fl 26	-159453.8	445.9	-1132.4	-900.3
	sfc 26	-159453.8	445.9	-1132.4	-1108.7
	sc Max 26	-159453.8	445.9	-1132.4	-76.3
	sc Med 26	-159453.8	445.9	-1132.4	-67.0
19235	Fl 26	-157528.8	-3805.8	1431.6	-681.8
	sfc 26	-157528.8	-3805.8	1431.6	-1302.8
	sc Max 26	-157528.8	-3805.8	1431.6	-92.5
	sc Med 26	-157528.8	-3805.8	1431.6	-66.2

▲Pilastro: 19235/19335 / L 3.75[m] / Sezione 2 B 30 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 12 2br.x4br/15.0' x 62.5/ø 12 2br.x4br/20.0' x 250.0/ø 12 2br.x4br/15.0' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₁ [kgm]	σ ₁₂ [kg/cm ²]	σ ₁₁ [kg/cm ²]	Sd/Sr
19235	1	-186306.1	7974.6	-1637.1	1.00	1.00	0.57
19335	1	-184356.1	-8968.7	1717.0	1.00	1.00	0.58

▲Verifiche a Taglio

Da [m]	A [m]	V _{max} [kg]	V _{max} [kg]	V _{max} [kg]	Staffe
0.13	0.75	15572.7	24216.3	6188.9	ø 12 2br.x4br/15.0
0.75	3.25	15572.7	18162.2	6188.9	20392.7
3.25	3.88	15572.7	24216.3	6188.9	27190.3

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₁ [kgm]	σ [kg/cm ²]
19514	Fl 21	-38848.9	-2355.5	-2628.1	479.6
	sfc 20	-39726.8	-2419.4	-2760.0	-1178.5
	sc Max 20	-39726.8	-2419.4	-2760.0	-106.5
	sc Med 20	-39726.8	-2419.4	-2760.0	-39.8

Combinazioni Frequenti					
19414	Fl 23	-36714.1	2138.0	2416.5	375.7
	sfc 23	-36714.1	2138.0	2416.5	-1047.6
	sc Max 23	-36714.1	2138.0	2416.5	-93.9
	sc Med 23	-36714.1	2138.0	2416.5	-35.4
19514	Fl 23	-35714.1	-2277.1	-2554.5	466.3
	sfc 23	-35714.1	-2277.1	-2554.5	-1089.7
	sc Max 23	-35714.1	-2277.1	-2554.5	-98.9
	sc Med 23	-35714.1	-2277.1	-2554.5	-36.7

Combinazioni Quasi Permanenti					
19414	Fl 26	-36863.2	2035.9	2358.9	346.3
	sfc 26	-36863.2	2035.9	2358.9	-1018.5
	sc Max 26	-36863.2	2035.9	2358.9	-91.0
	sc Med 26	-36863.2	2035.9	2358.9	-34.5
19514	Fl 26	-35363.2	-2168.2	-2495.2	433.9
	sfc 26	-35363.2	-2168.2	-2495.2	-1058.9
	sc Max 26	-35363.2	-2168.2	-2495.2	-95.9
	sc Med 26	-35363.2	-2168.2	-2495.2	-35.8

▲Pilastro: 19514/19614 / L 3.75[m] / Sezione 5 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 10 2br.x4br/12.5' x 62.5/ø 10 2br.x4br/15.0' x 250.0/ø 10 2br.x4br/12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₁ [kgm]	σ ₁₂ [kg/cm ²]	σ ₁₁ [kg/cm ²]	Sd/Sr
19514	17	-21714.7	1597.3	2424.0	1.00	1.00	0.22
19614	1	-31332.5	-62.2	-52.4	1.00	1.00	0.10

▲Verifiche a Taglio

Da [m]	A [m]	V _{max} [kg]	V _{max} [kg]	V _{max} [kg]	Staffe
0.13	0.75	4947.9	15754.8	3984.0	18233.1
0.75	3.25	4947.9	13129.0	3984.0	15194.2
3.25	3.88	4947.9	15754.8	3984.0	18233.1

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₁ [kgm]	σ [kg/cm ²]
Combinazioni Rare					
19514	Fl 21	-22055.3	1296.8	1412.5	216.6
	sfc 20	-24069.2	1333.5	1484.9	-657.0
	sc Max 20	-24069.2	1333.5	1484.9	-58.3
	sc Med 20	-24069.2	1333.5	1484.9	-22.2
19614	Fl 21	-21055.3	-43.8	-36.0	-206.5
	sfc 20	-23069.2	-46.4	-38.9	-248.8
	sc Max 20	-23069.2	-46.4	-38.9	-16.9
	sc Med 20	-23069.2	-46.4	-38.9	-15.8

Combinazioni Frequenti					
19514	Fl 23	-21393.1	1254.7	1373.0	210.3
	sfc 23	-21393.1	1254.7	1373.0	-604.8
	sc Max 23	-21393.1	1254.7	1373.0	-54.0
	sc Med 23	-21393.1	1254.7	1373.0	-20.3
19614	Fl 23	-20393.1	-42.2	-35.0	-200.0
	sfc 24	-20411.5	-41.3	-34.8	-220.2
	sc Max 24	-20411.5	-41.3	-34.8	-15.0
	sc Med 24	-20411.5	-41.3	-34.8	-14.0

Combinazioni Quasi Permanenti					
19514	Fl 26	-21411.5	1195.0	1342.2	189.7
	sfc 26	-21411.5	1195.0	1342.2	-589.9
	sc Max 26	-21411.5	1195.0	1342.2	-52.5
	sc Med 26	-21411.5	1195.0	1342.2	-19.9
19614	Fl 26	-20411.5	-41.3	-34.8	-200.3
	sfc 26	-20411.5	-41.3	-34.8	-220.2
	sc Max 26	-20411.5	-41.3	-34.8	-15.0

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	σ [kg/cm ²]
Combinazioni Rare					
19335	Fl. 21	-131227.2	5706.8	-1112.1	-485.6
	s/c 20	-139215.7	5989.4	-1209.4	-1618.0
	s/c Max 20	-139215.7	5989.4	-1209.4	-118.7
	s/c Med 20	-139215.7	5989.4	-1209.4	-71.2
19335	Fl. 21	-129722.2	6416.4	1163.0	-417.7
	s/c 20	-137715.7	6735.4	1267.3	-1666.2
	s/c Max 20	-137715.7	6735.4	1267.3	-122.9
	s/c Med 20	-137715.7	6735.4	1267.3	-70.4

Combinazioni Frequenti					
19235	Fl. 23	-127558.6	5479.6	-1065.3	-478.4
	s/c 20	-127558.6	5479.6	-1065.3	-1477.8
	s/c Max 23	-127558.6	5479.6	-1065.3	-108.3
	s/c Med 23	-127558.6	5479.6	-1065.3	-65.2
19335	Fl. 23	-126958.6	6165.6	1113.0	-412.5
	s/c 23	-126958.6	6165.6	1113.0	-1520.7
	s/c Max 23	-126958.6	6165.6	1113.0	-112.1
	s/c Med 23	-126958.6	6165.6	1113.0	-64.4

Combinazioni Quasi Permanenti					
19235	Fl. 26	-125547.1	5213.6	-1036.6	-485.1
	s/c 26	-125547.1	5213.6	-1036.6	-1440.3
	s/c Max 26	-125547.1	5213.6	-1036.6	-105.4
	s/c Med 26	-125547.1	5213.6	-1036.6	-64.2
19335	Fl. 26	-124047.1	5876.6	1082.6	-421.0
	s/c 26	-124047.1	5876.6	1082.6	-1481.4
	s/c Max 26	-124047.1	5876.6	1082.6	-109.0
	s/c Med 26	-124047.1	5876.6	1082.6	-63.4

▲Pilastro: 19335/19435 / L 3.75[m] / Sezione 3 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 10 2br.x4br/12.5 x 62.5/ø 10 2br.x4br/15.0 x 250.0/ø 10 2br.x4br/12.5 x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M ₁ [kgm]	M _u [kgm]	σ ₁ [kg/cm ²]	σ _u [kg/cm ²]	Sd/Sr
19335	1	-141519.7	5049.8	-856.2	1.00	1.00	0.57
19435	1	-140219.7	5794.1	877.5	1.00	1.00	0.59

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{red} [kg]	V _{ed1} [kg]	V _{red1} [kg]	Staffe
0.13	0.75	9114.0	15754.8	3435.6	18233.1	ø 10 2br.x4br/12.5
0.75	3.25	9114.0	13129.0	3435.6	15194.2	ø 10 2br.x4br/15.0
3.25	3.88	9114.0	15754.8	3435.6	18233.1	ø 10 2br.x4br/12.5

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	σ [kg/cm ²]
Combinazioni Rare					
19335	Fl. 21	-98934.9	3604.6	-578.9	-507.8
	s/c 20	-105496.4	3788.6	-631.6	-1627.7
	s/c Max 20	-105496.4	3788.6	-631.6	-122.2
	s/c Med 20	-105496.4	3788.6	-631.6	-72.4
19435	Fl. 21	-97934.9	4129.5	593.8	-433.8
	s/c 20	-104496.4	4338.9	647.5	-1684.8
	s/c Max 20	-104496.4	4338.9	647.5	-127.5
	s/c Med 20	-104496.4	4338.9	647.5	-71.8

Combinazioni Frequenti					
19335	Fl. 23	-96137.9	3468.1	-553.4	-498.9
	s/c 23	-96137.9	3468.1	-553.4	-1481.8
	s/c Max 23	-96137.9	3468.1	-553.4	-111.1
	s/c Med 23	-96137.9	3468.1	-553.4	-66.0
19435	Fl. 23	-95137.9	3989.5	567.4	-427.1
	s/c 23	-95137.9	3989.5	567.4	-1532.9
	s/c Max 23	-95137.9	3989.5	567.4	-115.9
	s/c Med 23	-95137.9	3989.5	567.4	-65.3

Combinazioni Quasi Permanenti

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed2} [kg]	V _{ed1} [kg]	V _{ed3} [kg]	Staffe
0.13	0.75	5453.5	15754.8	1721.2	18233.1
0.75	3.25	5453.5	13129.0	1721.2	15194.2
3.25	3.88	5453.5	15754.8	1721.2	18233.1

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Combinazioni Rare					
19355	Fl. 21	-45655.0	3004.7	-318.1	-65.2
	sfc 20	-50084.5	3170.9	-347.1	-942.7
	sc Max 20	-50084.5	3170.9	-347.1	-73.2
	sc Med 20	-50084.5	3170.9	-347.1	-34.9
19635	Fl. 21	-45655.0	-68.7	7.1	-449.9
	sfc 20	-49984.5	-73.7	7.8	-515.5
	sc Max 20	-49984.5	-73.7	7.8	-34.6
	sc Med 20	-49984.5	-73.7	7.8	-33.7
Combinazioni Frequenti					
19355	Fl. 23	-44244.2	2895.9	-303.8	-66.9
	sfc 23	-44244.2	2895.9	-303.8	-844.0
	sc Max 23	-44244.2	2895.9	-303.8	-65.6
	sc Med 23	-44244.2	2895.9	-303.8	-31.0
19635	Fl. 23	-43244.2	-66.3	6.8	-436.6
	sfc 24	-43655.8	-64.8	6.7	-457.9
	sc Max 24	-43655.8	-64.8	6.7	-30.7
	sc Med 24	-43655.8	-64.8	6.7	-30.0
Combinazioni Quasi Permanenti					
19355	Fl. 26	-44615.8	2789.0	-294.6	-85.7
	sfc 26	-44615.8	2789.0	-294.6	-833.2
	sc Max 26	-44615.8	2789.0	-294.6	-64.6
	sc Med 26	-44615.8	2789.0	-294.6	-30.9
19635	Fl. 26	-43615.8	-64.8	6.7	-440.6
	sfc 26	-43615.8	-64.8	6.7	-457.9
	sc Max 26	-43615.8	-64.8	6.7	-30.7
	sc Med 26	-43615.8	-64.8	6.7	-30.0

▲Pilastro: 123/19297 / L 3.75[m] / Sezione 1 B 35 [cm]H 55 [cm]

Af 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 12 2brx4br/15.0' x 3.75.0

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M ₁₂	M ₁₃	σ ₁₂	σ ₁₃	Sd/Sr
123	12	-165349.1	-1446.6	-14185.5	1.00	1.00	0.59
19297	1	-229908.3	-3200.6	4644.4	1.00	1.00	0.54

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed2} [kg]	V _{ed1} [kg]	V _{ed3} [kg]	Staffe
0.13	3.88	13486.9	26871.6	13242.2	32500.9

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Combinazioni Rare					
123	Fl. 21	-164430.2	-594.7	-4516.7	-698.8
	sfc 20	-173914.0	-860.9	-4879.8	-1459.5
	sc Max 20	-173914.0	-860.9	-4879.8	-106.5
	sc Med 20	-173914.0	-860.9	-4879.8	-73.0
19297	Fl. 21	-162505.2	-2342.3	3181.8	-670.9
	sfc 20	-171989.0	-2421.4	3440.1	-1458.7
	sc Max 20	-171989.0	-2421.4	3440.1	-105.4
	sc Med 20	-171989.0	-2421.4	3440.1	-72.2
Combinazioni Frequenti					
123	Fl. 24	-157169.9	-369.7	-4195.5	-674.8
	sfc 23	-159902.6	-353.9	-4329.0	-1331.1
	sc Max 23	-159902.6	-353.9	-4329.0	-96.9

▲Verifiche a Taglio

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
19297	sc Med 23	-159902.6	-353.9	-4329.0	-467.2
	Fl. 24	-155244.9	-2093.6	2946.3	-655.4
	sfc 23	-157977.6	-2241.9	3045.9	-1332.9
	sc Max 23	-157977.6	-2241.9	3045.9	-96.2
	sc Med 23	-157977.6	-2241.9	3045.9	-66.3

Combinazioni Quasi Permanenti					
123	Fl. 26	-157169.9	-369.7	-4195.5	-674.8
	sfc 26	-157169.9	-369.7	-4195.5	-1305.3
	sc Max 26	-157169.9	-369.7	-4195.5	-95.0
	sc Med 26	-157169.9	-369.7	-4195.5	-46.0
19297	Fl. 26	-155244.9	-2093.6	2946.3	-655.4
	sfc 26	-155244.9	-2093.6	2946.3	-1300.5
	sc Max 26	-155244.9	-2093.6	2946.3	-93.7
	sc Med 26	-155244.9	-2093.6	2946.3	-65.2

▲Pilastro: 19297/19397 / L 3.75[m] / Sezione 2 B 30 [cm]H 50 [cm]

Af 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 12 2brx4br/15.0' x 62.5/ø 12 2brx4br/20.0' x 250.0/ø 12 2brx4br/15.0' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M ₁₂	M ₁₃	σ ₁₂	σ ₁₃	Sd/Sr
19297	1	-182072.0	5158.7	-1915.9	1.00	1.00	0.52
19397	1	-180312.0	-5883.4	2288.9	1.00	1.00	0.53

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed2} [kg]	V _{ed1} [kg]	V _{ed3} [kg]	Staffe
0.13	0.75	14912.8	24216.3	7449.6	27190.3
0.75	3.25	14912.8	18162.2	7449.6	20392.7
3.25	3.88	14912.8	24216.3	7449.6	27190.3

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Combinazioni Rare					
19297	Fl. 21	-128255.2	3739.5	-1325.1	-585.5
	sfc 20	-136055.3	3890.7	-1433.5	-1462.6
	sc Max 20	-136055.3	3890.7	-1433.5	-106.5
	sc Med 20	-136055.3	3890.7	-1433.5	-69.6
19397	Fl. 21	-126755.2	-4260.9	1568.5	-512.9
	sfc 20	-134555.3	-4435.9	1695.5	-1515.7
	sc Max 20	-134555.3	-4435.9	1695.5	-111.5
	sc Med 20	-134555.3	-4435.9	1695.5	-68.8
Combinazioni Frequenti					
19297	Fl. 23	-124693.3	3591.5	-1266.2	-574.5
	sfc 23	-124693.3	3591.5	-1266.2	-1337.8
	sc Max 23	-124693.3	3591.5	-1266.2	-97.3
	sc Med 23	-124693.3	3591.5	-1266.2	-43.7
19397	Fl. 23	-123193.3	-4096.3	1499.8	-504.1
	sfc 23	-123193.3	-4096.3	1499.8	-1385.2
	sc Max 23	-123193.3	-4096.3	1499.8	-101.8
	sc Med 23	-123193.3	-4096.3	1499.8	-63.0
Combinazioni Quasi Permanenti					
19297	Fl. 26	-122769.6	3396.4	-1220.6	-578.3
	sfc 26	-122769.6	3396.4	-1220.6	-1304.5
	sc Max 26	-122769.6	3396.4	-1220.6	-94.7
	sc Med 26	-122769.6	3396.4	-1220.6	-62.8
19397	Fl. 26	-121269.6	-3883.6	1447.0	-509.8
	sfc 26	-121269.6	-3883.6	1447.0	-1350.0
	sc Max 26	-121269.6	-3883.6	1447.0	-99.0
	sc Med 26	-121269.6	-3883.6	1447.0	-62.0

▲Pilastro: 19397/19497 / L 3.75[m] / Sezione 3 B 25 [cm]H 40 [cm]

Af 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 12 2brx4br/12.5' x 62.5/ø 12 2brx4br/15.0' x 250.0/ø 10 2brx4br/12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _{Ed}	M ₁	M ₂	α ₁	α ₂	Sd/Sr
19597	1	-136809.5	3440.6	-1276.0	1.00	1.00	0.52	
19497	1	-1335509.5	-4004.2	1327.3	1.00	1.00	0.54	

▲Verifiche a Taglio

Da	A	V _{Ed}	V _{Ed1}	V _{Ed2}	V _{Ed3}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	8742.0	15754.8	4495.6	18233.1	ø 10 2brx4br /12.5'
0.75	3.25	8742.0	13129.0	4495.6	15194.2	ø 10 2brx4br /15.0'
3.25	3.88	8742.0	15754.8	4495.6	18233.1	ø 10 2brx4br /12.5'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M ₁	M ₂	M ₃	σ
Combinazioni Rara						
19597	Fl. 21	-95700.3	2480.2	-874.9	-564.7	
	s/c 20	-102004.9	2590.2	-945.4	-1495.1	
	s/c Max 20	-102004.9	2590.2	-945.4	-112.2	
	s/c Med 20	-102004.9	2590.2	-945.4	-70.1	
19497	Fl. 21	-94700.3	-2879.7	909.8	-502.0	
	s/c 20	-101004.9	-3012.2	983.3	-1540.4	
	s/c Max 20	-101004.9	-3012.2	983.3	-116.6	
	s/c Med 20	-101004.9	-3012.2	983.3	-69.4	

Combinazioni Frequenti						
19597	Fl. 23	-93021.3	2388.2	-837.0	-553.5	
	s/c 20	-93021.3	2388.2	-837.0	-1362.9	
	s/c Max 23	-93021.3	2388.2	-837.0	-102.2	
	s/c Med 23	-93021.3	2388.2	-837.0	-63.9	
19497	Fl. 23	-92021.3	-2774.8	870.5	-492.5	
	s/c 20	-92021.3	-2774.8	870.5	-1403.3	
	s/c Max 23	-92021.3	-2774.8	870.5	-106.1	
	s/c Med 23	-92021.3	-2774.8	870.5	-63.2	

Combinazioni Quasi Permanenti						
19597	Fl. 26	-91866.4	2277.7	-808.2	-558.9	
	s/c 26	-91866.4	2277.7	-808.2	-1333.7	
	s/c Max 26	-91866.4	2277.7	-808.2	-99.8	
	s/c Med 26	-91866.4	2277.7	-808.2	-63.1	
19497	Fl. 26	-90866.4	-2653.4	840.7	-499.4	
	s/c 26	-90866.4	-2653.4	840.7	-1372.7	
	s/c Max 26	-90866.4	-2653.4	840.7	-103.6	
	s/c Med 26	-90866.4	-2653.4	840.7	-62.4	

▲Pilastro: 19497/19597 / L 3.75[m] / Sezione 4 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2brx4br /12.5' x 62.5/ø 10 2brx4br /15.0' x 250.0/ø 10 2brx4br /12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M ₁	M ₂	M ₃	α ₁	α ₂	Sd/Sr
19497	1	-97434.2	5043.1	-1424.9	1.00	1.00	0.45	
19597	19	-590364.4	-8568.7	-441.5	1.00	1.00	0.47	

▲Verifiche a Taglio

Da	A	V _{Ed}	V _{Ed1}	V _{Ed2}	V _{Ed3}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	10656.5	15794.8	5743.2	18233.1	ø 10 2brx4br /12.5'
0.75	3.25	10656.5	13129.0	5743.2	15194.2	ø 10 2brx4br /15.0'
3.25	3.88	10656.5	15794.8	5743.2	18233.1	ø 10 2brx4br /12.5'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M ₁	M ₂	M ₃	σ
Combinazioni Rara						
19497	Fl. 21	-67272.0	3613.4	-977.0	-121.4	
	s/c 20	-72346.9	3789.2	-1055.7	-1348.4	
	s/c Max 20	-72346.9	3789.2	-1055.7	-106.2	
	s/c Med 20	-72346.9	3789.2	-1055.7	-50.1	

Nodo	Comb	N	M ₁	M ₂	M ₃	σ
Combinazioni Frequenti						
19597	Fl. 21	-66272.0	-5591.9	1030.0	-63.9	
	s/c 20	-71346.9	-4148.4	1091.0	-1387.8	
	s/c Max 20	-71346.9	-4148.4	1091.0	-110.1	
	s/c Med 20	-71346.9	-4148.4	1091.0	-59.3	

19497	Fl. 23	-65378.4	3484.7	-935.0	-123.5	
	s/c 23	-65378.4	3484.7	-935.0	-1223.0	
	s/c Max 23	-65378.4	3484.7	-935.0	-96.3	
	s/c Med 23	-65378.4	3484.7	-935.0	-46.4	
19597	Fl. 23	-64378.4	-3812.3	966.8	-460.0	
	s/c 23	-64378.4	-3812.3	966.8	-1258.2	
	s/c Max 23	-64378.4	-3812.3	966.8	-99.8	
	s/c Med 23	-64378.4	-3812.3	966.8	-46.5	

Combinazioni Quasi Permanenti						
19497	Fl. 26	-64974.3	3344.4	-903.4	-141.2	
	s/c 26	-64974.3	3344.4	-903.4	-1197.2	
	s/c Max 26	-64974.3	3344.4	-903.4	-94.0	
	s/c Med 26	-64974.3	3344.4	-903.4	-44.9	
19597	Fl. 26	-63974.3	-3664.0	934.2	-85.9	
	s/c 26	-63974.3	-3664.0	934.2	-1230.8	
	s/c Max 26	-63974.3	-3664.0	934.2	-97.4	
	s/c Med 26	-63974.3	-3664.0	934.2	-44.8	

▲Pilastro: 19597/19697 / L 3.75[m] / Sezione 5 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2brx4br /12.5' x 62.5/ø 10 2brx4br /15.0' x 250.0/ø 10 2brx4br /12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M ₁	M ₂	M ₃	α ₁	α ₂	Sd/Sr
19597	1	-62235.3	3095.6	-771.9	1.00	1.00	0.28	
19697	1	-60935.3	-747.7	12.7	1.00	1.00	0.19	

▲Verifiche a Taglio

Da	A	V _{Ed}	V _{Ed1}	V _{Ed2}	V _{Ed3}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	5365.1	15754.8	2637.6	18233.1	ø 10 2brx4br /12.5'
0.75	3.25	5365.1	13129.0	2637.6	15194.2	ø 10 2brx4br /15.0'
3.25	3.88	5365.1	15754.8	2637.6	18233.1	ø 10 2brx4br /12.5'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M ₁	M ₂	M ₃	σ
Combinazioni Rara						
19597	Fl. 21	-41716.5	2211.5	-529.8	-90.4	
	s/c 20	-45786.3	2323.7	-572.1	-830.2	
	s/c Max 20	-45786.3	2323.7	-572.1	-64.9	
	s/c Med 20	-45786.3	2323.7	-572.1	-31.5	
19697	Fl. 21	-40716.5	-51.7	8.8	-412.0	
	s/c 20	-44786.3	-55.5	9.4	-469.3	
	s/c Max 20	-44786.3	-55.5	9.4	-31.5	
	s/c Med 20	-44786.3	-55.5	9.4	-30.8	

19597	Fl. 23	-40530.9	2133.9	-507.2	-90.7	
	s/c 23	-40530.9	2133.9	-507.2	-744.2	
	s/c Max 23	-40530.9	2133.9	-507.2	-58.3	
	s/c Med 23	-40873.1	2053.5	-490.2	-28.1	
19697	Fl. 23	-39550.9	-49.9	8.4	-400.1	
	s/c 24	-39873.1	-49.0	8.1	-417.7	
	s/c Max 24	-39873.1	-49.0	8.1	-28.0	
	s/c Med 24	-39873.1	-49.0	8.1	-27.4	

Combinazioni Quasi Permanenti						
19597	Fl. 26	-40873.1	2053.5	-490.2	-106.4	
	s/c 26	-40873.1	2053.5	-490.2	-725.7	
	s/c Max 26	-40873.1	2053.5	-490.2	-57.4	
	s/c Med 26	-40873.1	2053.5	-490.2	-28.1	
19697	Fl. 26	-39873.1	-49.0	8.1	-403.8	
	s/c 26	-39873.1	-49.0	8.1	-417.7	
	s/c Max 26	-39873.1	-49.0	8.1	-28.0	

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	σ [kg/cm ²]
Combinazioni Rare					
19385	Fl. 20	-66528.9	-183.2	-3745.9	-139.3
	s/c 20	-66528.9	-183.2	-3745.9	-880.7
	s/c Max 20	-66528.9	-183.2	-3745.9	-70.5
	s/c Med 20	-66528.9	-183.2	-3745.9	-34.7
26727	Fl. 20	-65028.9	558.9	4273.8	-33.7
	s/c 20	-65028.9	558.9	4273.8	-953.4
	s/c Max 20	-65028.9	558.9	4273.8	-77.1
	s/c Med 20	-65028.9	558.9	4273.8	-37.1
Combinazioni Frequenti					
19385	Fl. 23	-60972.8	-47.9	-3287.1	-150.9
	s/c 23	-60972.8	-47.9	-3287.1	-784.2
	s/c Max 23	-60972.8	-47.9	-3287.1	-62.5
	s/c Med 23	-60972.8	-47.9	-3287.1	-31.2
26727	Fl. 23	-59472.8	383.0	3755.1	-61.2
	s/c 23	-59472.8	383.0	3755.1	-885.4
	s/c Max 23	-59472.8	383.0	3755.1	-88.6
	s/c Med 23	-59472.8	383.0	3755.1	-33.1
Combinazioni Quasi Permanenti					
19385	Fl. 26	-60097.3	-55.7	-3186.2	-153.3
	s/c 26	-60097.3	-55.7	-3186.2	-788.4
	s/c Max 26	-60097.3	-55.7	-3186.2	-61.1
	s/c Med 26	-60097.3	-55.7	-3186.2	-30.7
26727	Fl. 26	-58597.3	386.4	3642.8	-66.6
	s/c 26	-58597.3	386.4	3642.8	-827.7
	s/c Max 26	-58597.3	386.4	3642.8	-67.0
	s/c Med 26	-58597.3	386.4	3642.8	-32.3

▲Pilastro: 26727/19585 / L 3.75[m] / Sezione 3 B 25 [cm]H 40 [cm]

Af. 8 ø 22 Af=30.41 [cm²] < 1ø22 x 4 V + 0ø12 x 2 B + 2ø22 x 2 H >
Staffe: ø 12 2brx4br/12.5' x 62.5/ø 10 2brx4br/15.0' x 250.0/ø 10 2brx4br/12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	α _u	α ₁	Sd/Sr
26727	12	-38650.6	-1868.1	-4341.6	1.00	1.00	0.37
19585	12	-37550.6	2064.3	4647.9	1.00	1.00	0.39

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{u2} [kg]	V _{u3} [kg]	Staffe
0.13	0.75	4615.4	15754.8	7190.3	18233.1 ø 10 2brx4br/12.5'
0.75	3.25	4615.4	13129.0	7190.3	15194.2 ø 10 2brx4br/15.0'
3.25	3.88	4615.4	15754.8	7190.3	18233.1 ø 10 2brx4br/12.5'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	σ [kg/cm ²]
Combinazioni Rare					
26727	Fl. 20	-44727.2	-450.2	-2496.3	-17.9
	s/c 20	-44727.2	-450.2	-2496.3	-887.2
	s/c Max 20	-44727.2	-450.2	-2496.3	-76.6
	s/c Med 20	-44727.2	-450.2	-2496.3	-35.8
19585	Fl. 20	-43727.2	552.2	2768.9	77.7
	s/c 20	-43727.2	552.2	2768.9	-930.0
	s/c Max 20	-43727.2	552.2	2768.9	-82.8
	s/c Med 20	-43727.2	552.2	2768.9	-38.2
Combinazioni Frequenti					
26727	Fl. 23	-40837.2	-349.8	-2201.5	-41.6
	s/c 23	-40837.2	-349.8	-2201.5	-789.0
	s/c Max 23	-40837.2	-349.8	-2201.5	-67.7
	s/c Med 23	-40837.2	-349.8	-2201.5	-31.9
19585	Fl. 23	-39837.2	439.1	2447.4	42.3
	s/c 23	-39837.2	439.1	2447.4	-833.6
	s/c Max 23	-39837.2	439.1	2447.4	-73.1
	s/c Med 23	-39837.2	439.1	2447.4	-34.0
Combinazioni Quasi Permanenti					

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	σ [kg/cm ²]
19385	s/c Med 26	-33873.1	-449.0	8.1	-227.4

▲Pilastro: 124/19385 / L 3.75[m] / Sezione 1 B 35 [cm]H 55 [cm]

Af. 8 ø 22 Af=30.41 [cm²] < 1ø22 x 4 V + 0ø12 x 2 B + 2ø22 x 2 H >
Staffe: ø 12 2brx4br/15.0' x 375.0

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	α _u	α ₁	Sd/Sr
124	12	-81326.8	-4437.2	-9894.6	1.00	1.07	0.39
19385	12	-79401.8	3690.1	9894.6	1.00	1.00	0.38

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{u2} [kg]	V _{u3} [kg]	Staffe
0.13	3.88	6749.9	26871.6	15068.5	32500.9 ø 12 2brx4br/15.0'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	σ [kg/cm ²]
Combinazioni Rare					
124	Fl. 21	-90749.9	-2410.8	-1547.3	-330.0
	s/c 20	-96135.4	-2580.3	-1848.7	-877.8
	s/c Max 20	-96135.4	-2580.3	-1848.7	-63.9
	s/c Med 20	-96135.4	-2580.3	-1848.7	-40.4
19385	Fl. 20	-94210.4	1200.2	3758.2	-263.2
	s/c 20	-94210.4	1200.2	3758.2	-923.8
	s/c Max 20	-94210.4	1200.2	3758.2	-69.4
	s/c Med 20	-94210.4	1200.2	3758.2	-39.6
Combinazioni Frequenti					
124	Fl. 23	-88275.8	-2335.9	-1391.3	-329.5
	s/c 23	-88275.8	-2335.9	-1391.3	-782.7
	s/c Max 23	-88275.8	-2335.9	-1391.3	-56.6
	s/c Med 23	-88275.8	-2335.9	-1391.3	-37.1
19385	Fl. 23	-86350.8	988.9	3180.0	-265.9
	s/c 23	-86350.8	988.9	3180.0	-822.0
	s/c Max 23	-86350.8	988.9	3180.0	-61.4
	s/c Med 23	-86350.8	988.9	3180.0	-36.3

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	α _u	α ₁	Sd/Sr
124	Fl. 26	-86917.7	-2299.0	-1280.3	1.00	1.00	0.37
	s/c 26	-86917.7	-2299.0	-1280.3	1.00	1.00	0.41
	s/c Max 26	-86917.7	-2299.0	-1280.3	1.00	1.00	0.37
	s/c Med 26	-86917.7	-2299.0	-1280.3	1.00	1.00	0.37
19385	Fl. 26	-84992.7	978.6	3046.3	1.00	1.00	0.37
	s/c 26	-84992.7	978.6	3046.3	1.00	1.00	0.37
	s/c Max 26	-84992.7	978.6	3046.3	1.00	1.00	0.37
	s/c Med 26	-84992.7	978.6	3046.3	1.00	1.00	0.37

▲Pilastro: 19385/26727 / L 3.75[m] / Sezione 2 B 30 [cm]H 50 [cm]

Af. 8 ø 22 Af=30.41 [cm²] < 1ø22 x 4 V + 0ø12 x 2 B + 2ø22 x 2 H >
Staffe: ø 12 2brx4br/15.0' x 62.5/ø 10 2brx4br/20.0' x 250.0/ø 12 2brx4br/15.0' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	α _u	α ₁	Sd/Sr
19385	12	-56702.5	-2819.5	-7043.3	1.00	1.00	0.37
26727	12	-55202.5	3388.5	7864.5	1.00	1.00	0.41

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{u2} [kg]	V _{u3} [kg]	Staffe
0.13	0.75	9641.2	24216.3	11555.8	27190.3 ø 12 2brx4br/15.0'
0.75	3.25	9641.2	18162.2	11555.8	20392.7 ø 12 2brx4br/20.0'
3.25	3.88	9641.2	24216.3	11555.8	27190.3 ø 12 2brx4br/15.0'

▲Verifiche a Taglio

Da	A	V _{ed}	V _{med}	V _{ed}	V _{med}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	2342.7	15754.8	3921.4	18233.1	ø 10 2brx4br /2.5'
0.75	3.25	2342.7	13129.0	3921.4	15194.2	ø 10 2brx4br /15.0'
3.25	3.88	2342.7	15754.8	3921.4	18233.1	ø 10 2brx4br /12.5'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _u	M _u	M _u	σ
		[kg]	[kgm]	[kgm]	[kgm]	[kg/cm ²]
Combinazioni Rare						
19685	Fl 20	-19775.8	-445.8	-1812.8	-1812.8	239.8
	s/c 20	-19775.8	-445.8	-1812.8	-1812.8	-553.0
	s/c Max 20	-19775.8	-445.8	-1812.8	-1812.8	-52.4
	s/c Med 20	-19775.8	-445.8	-1812.8	-1812.8	-23.2
19785	Fl 21	-17012.3	6.5	30.2	-1701.1	-170.1
	s/c 20	-18775.8	7.3	32.9	-1991.1	-199.1
	s/c Max 20	-18775.8	7.3	32.9	-1991.1	-199.1
	s/c Med 20	-18775.8	7.3	32.9	-1991.1	-199.1
Combinazioni Frequenti						
19685	Fl 23	-17491.2	-364.9	-1607.1	-1607.1	208.3
	s/c 23	-17491.2	-364.9	-1607.1	-1607.1	-485.1
	s/c Max 23	-17491.2	-364.9	-1607.1	-1607.1	-46.0
	s/c Med 23	-17491.2	-364.9	-1607.1	-1607.1	-20.6
19785	Fl 23	-16491.2	6.1	29.0	-1649.1	-164.9
	s/c 24	-16624.7	5.9	28.5	-1762.1	-176.1
	s/c Max 24	-16624.7	5.9	28.5	-1762.1	-176.1
	s/c Med 24	-16624.7	5.9	28.5	-1762.1	-176.1
Combinazioni Quasi Permanenti						
19685	Fl 26	-17624.7	-366.0	-1569.5	-1569.5	192.6
	s/c 26	-17624.7	-366.0	-1569.5	-1569.5	-479.8
	s/c Max 26	-17624.7	-366.0	-1569.5	-1569.5	-46.2
	s/c Med 26	-17624.7	-366.0	-1569.5	-1569.5	-20.2
19785	Fl 26	-16624.7	5.9	28.5	-1662.1	-166.2
	s/c 26	-16624.7	5.9	28.5	-1762.1	-176.1
	s/c Max 26	-16624.7	5.9	28.5	-1762.1	-176.1
	s/c Med 26	-16624.7	5.9	28.5	-1762.1	-176.1

▲Pilastro: 136/19494 / L 3.75[m] / Sezione 1 B 35 [cm]H 55 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 12 2brx4br/15.0' x 3.75.0

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _u	M _u	M _u	α _u	α _u	Sd/Sr
			[kg]	[kg]	[kg]			
136	13	-148225.7	9598.0	-15892.9	1.00	1.00	0.68	
19494	13	-146300.7	-7127.9	13630.6	1.00	1.00	0.59	

▲Verifiche a Taglio

Da	A	V _{ed}	V _{med}	V _{ed}	V _{med}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	3.88	14355.5	26871.6	14589.3	32500.9	ø 12 2brx4br /15.0'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _u	M _u	M _u	σ
		[kg]	[kgm]	[kgm]	[kgm]	[kg/cm ²]
Combinazioni Rare						
136	Fl 21	-134533.5	-1458.3	-7376.7	-7376.7	-248.6
	s/c 20	-141006.9	-1628.6	-7776.8	-7776.8	-1524.6
	s/c Max 20	-141006.9	-1628.6	-7776.8	-7776.8	-117.1
	s/c Med 20	-141006.9	-1628.6	-7776.8	-7776.8	-59.2
19494	Fl 21	-132608.5	-1444.3	7993.0	-193.8	-193.8
	s/c 20	-139081.9	-1428.9	8429.8	-1547.5	-1547.5
	s/c Max 20	-139081.9	-1428.9	8429.8	-1547.5	-119.7
	s/c Med 20	-139081.9	-1428.9	8429.8	-1547.5	-58.6
Combinazioni Frequenti						
136	Fl 24	-129600.1	-1420.2	-7117.9	-7117.9	-237.9
	s/c 23	-131450.5	-1407.8	-7201.5	-7201.5	-1411.8
	s/c Max 23	-131450.5	-1407.8	-7201.5	-7201.5	-108.4

Nodo	Comb	N	M _u	M _u	M _u	σ
		[kg]	[kgm]	[kgm]	[kgm]	[kg/cm ²]
26727	Fl 26	-40344.3	-349.3	-2139.8	-2139.8	-480.1
	s/c 26	-40344.3	-349.3	-2139.8	-2139.8	-774.2
	s/c Max 26	-40344.3	-349.3	-2139.8	-2139.8	-66.3
	s/c Med 26	-40344.3	-349.3	-2139.8	-2139.8	-31.2
19585	Fl 26	-39344.3	437.4	2381.3	33.5	33.5
	s/c 26	-39344.3	437.4	2381.3	-817.6	-817.6
	s/c Max 26	-39344.3	437.4	2381.3	-71.5	-71.5
	s/c Med 26	-39344.3	437.4	2381.3	-33.2	-33.2

▲Pilastro: 19585/19685 / L 3.75[m] / Sezione 4 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2brx4br/12.5' x 62.5/ø 10 2brx4br/15.0' x 250.0/ø 10 2brx4br/12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _u	M _u	M _u	α _u	α _u	Sd/Sr
			[kg]	[kg]	[kg]			
19585	12	-28169.9	-2339.9	-5114.7	1.00	1.00	0.42	
19685	12	-27169.9	2480.2	5302.2	1.00	1.00	0.44	

▲Verifiche a Taglio

Da	A	V _{ed}	V _{med}	V _{ed}	V _{med}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	5803.8	15754.8	7619.0	18233.1	ø 10 2brx4br/12.5'
0.75	3.25	5803.8	13129.0	7619.0	15194.2	ø 10 2brx4br/15.0'
3.25	3.88	5803.8	15754.8	7619.0	18233.1	ø 10 2brx4br/12.5'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _u	M _u	M _u	σ
		[kg]	[kgm]	[kgm]	[kgm]	[kg/cm ²]
Combinazioni Rare						
19585	Fl 20	-28848.9	-706.8	-3212.3	-3212.3	537.2
	s/c 20	-28848.9	-706.8	-3212.3	-3212.3	-922.8
	s/c Max 20	-28848.9	-706.8	-3212.3	-3212.3	-50.4
	s/c Med 20	-28848.9	-706.8	-3212.3	-3212.3	-40.3
19685	Fl 20	-28848.9	793.3	3389.9	-958.8	-958.8
	s/c 20	-28848.9	793.3	3389.9	-95.5	-95.5
	s/c Max 20	-28848.9	793.3	3389.9	-95.5	-95.5
	s/c Med 20	-28848.9	793.3	3389.9	-95.5	-95.5
Combinazioni Quasi Permanenti						
19585	Fl 23	-27014.7	-572.6	-2845.7	-2845.7	452.0
	s/c 23	-27014.7	-572.6	-2845.7	-2845.7	-813.7
	s/c Max 23	-27014.7	-572.6	-2845.7	-2845.7	-79.4
	s/c Med 23	-27014.7	-572.6	-2845.7	-2845.7	-35.7
19685	Fl 23	-26014.7	647.1	3004.3	549.2	549.2
	s/c 23	-26014.7	647.1	3004.3	-844.3	-844.3
	s/c Max 23	-26014.7	647.1	3004.3	-83.9	-83.9
	s/c Med 23	-26014.7	647.1	3004.3	-37.4	-37.4

Nodo	Comb	N	M _u	M _u	M _u	σ
			[kg]	[kg]	[kg]	[kg/cm ²]
Combinazioni Quasi Permanenti						
19585	Fl 26	-26849.8	-571.8	-2774.1	-2774.1	430.1
	s/c 26	-26849.8	-571.8	-2774.1	-2774.1	-799.9
	s/c Max 26	-26849.8	-571.8	-2774.1	-2774.1	-77.8
	s/c Med 26	-26849.8	-571.8	-2774.1	-2774.1	-34.9
19685	Fl 26	-25849.8	647.6	2931.5	526.6	526.6
	s/c 26	-25849.8	647.6	2931.5	-830.5	-830.5
	s/c Max 26	-25849.8	647.6	2931.5	-82.2	-82.2
	s/c Med 26	-25849.8	647.6	2931.5	-36.5	-36.5

▲Pilastro: 19685/19785 / L 3.75[m] / Sezione 5 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2brx4br/12.5' x 62.5/ø 10 2brx4br/15.0' x 250.0/ø 10 2brx4br/12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _u	M _u	M _u	α _u	α _u	Sd/Sr
			[kg]	[kg]	[kg]			
19585	12	-18640.8	-1313.4	-2771.3	1.00	1.00	0.23	
19785	1	-25584.1	9.9	44.6	1.00	1.00	0.08	

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _{xx}	M _{yy}	α _{xx}	α _{yy}	Sd/Sr
19594	1	-115005.4	16237	-4919.8	1.00	1.00	0.57
19694	13	-88937.8	-3319.6	5741.1	1.00	1.00	0.58

▲Verifiche a Taglio

Da	A	V _{ass}	V _{ass}	V _{ass}	V _{ass}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	4263.0	15754.8	6011.9	18233.1	ø 10 2brx4br/22.5°
0.75	3.25	4263.0	13129.0	6011.9	15194.2	ø 10 2brx4br/15.0°
3.25	3.88	4263.0	15754.8	6011.9	18233.1	ø 10 2brx4br/12.5°

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _{xx}	M _{yy}	α _{xx}	α _{yy}
		[kg]	[kg]	[kg]	[kg]	[kg/cm ²]

Combinazioni Base						
19594	Fl. 21	-81546.7	1226.3	-3492.2	-3492.2	-185.9
	s/c 20	-86255.9	1241.3	-3685.4	-3685.4	-1574.2
	sc Max 20	-86255.9	1241.3	-3685.4	-3685.4	-131.3
	sc Med 20	-86255.9	1241.3	-3685.4	-3685.4	-60.9
19694	Fl. 21	-80546.7	-1380.2	3660.3	3660.3	-125.4
	s/c 20	-85255.9	-1396.9	3862.5	3862.5	-1611.9
	sc Max 20	-85255.9	-1396.9	3862.5	3862.5	-135.5
	sc Med 20	-85255.9	-1396.9	3862.5	3862.5	-61.6

Combinazioni Frequenti						
19594	Fl. 23	-79970.2	1201.6	-3399.8	-3399.8	-182.1
	s/c 23	-79970.2	1201.6	-3399.8	-3399.8	-1463.1
	sc Max 23	-79970.2	1201.6	-3399.8	-3399.8	-122.0
	sc Med 23	-79970.2	1201.6	-3399.8	-3399.8	-56.5
19694	Fl. 23	-78970.2	-1352.8	3563.1	3563.1	-122.9
	s/c 23	-78970.2	-1352.8	3563.1	3563.1	-1498.2
	sc Max 23	-78970.2	-1352.8	3563.1	3563.1	-125.9
	sc Med 23	-78970.2	-1352.8	3563.1	3563.1	-57.0

Combinazioni Quasi Permanenti						
19594	Fl. 26	-78889.9	1162.1	-3344.0	-3344.0	-184.3
	s/c 26	-78889.9	1162.1	-3344.0	-3344.0	-1439.0
	sc Max 26	-78889.9	1162.1	-3344.0	-3344.0	-119.9
	sc Med 26	-78889.9	1162.1	-3344.0	-3344.0	-55.7
19694	Fl. 26	-77889.9	-1309.1	3503.7	3503.7	-126.5
	s/c 26	-77889.9	-1309.1	3503.7	3503.7	-1472.8
	sc Max 26	-77889.9	-1309.1	3503.7	3503.7	-123.7
	sc Med 26	-77889.9	-1309.1	3503.7	3503.7	-56.2

▲Pilastro: 19694/19794 / L 3.75[m] / Sezione 4 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2brx4br/12.5° x 62.5/ø 10 2brx4br/15.0° x 250.0/ø 10 2brx4br/12.5° x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _{xx}	M _{yy}	α _{xx}	α _{yy}	Sd/Sr
19694	13	-63522.3	3456.2	-5875.7	1.00	1.00	0.54
19794	13	-62522.3	-3340.8	5761.1	1.00	1.00	0.53

▲Verifiche a Taglio

Da	A	V _{ass}	V _{ass}	V _{ass}	V _{ass}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	4869.6	15754.8	6762.9	18233.1	ø 10 2brx4br/22.5°
0.75	3.25	4869.6	13129.0	6762.9	15194.2	ø 10 2brx4br/15.0°
3.25	3.88	4869.6	15754.8	6762.9	18233.1	ø 10 2brx4br/12.5°

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _{xx}	M _{yy}	α _{xx}	α _{yy}
		[kg]	[kg]	[kg]	[kg]	[kg/cm ²]

Combinazioni Base						
19694	Fl. 21	-57857.1	1468.7	-3734.4	-3734.4	235.3
	s/c 20	-61165.9	1478.0	-3937.4	-3937.4	-1423.8
	sc Max 20	-61165.9	1478.0	-3937.4	-3937.4	-126.2
	sc Med 20	-61165.9	1478.0	-3937.4	-3937.4	-54.5

Nodo	Comb	N	M _{xx}	M _{yy}	α _{xx}	α _{yy}
		[kg]	[kg]	[kg]	[kg]	[kg/cm ²]
19494	sc Med 23	-131458.5	-1407.8	-7201.5	-7201.5	-55.2
	Fl. 24	-127675.1	-1360.7	7675.1	7675.1	-189.7
	s/c 23	-129525.5	-1419.8	7790.0	7790.0	-1441.8
	sc Max 23	-129525.5	-1419.8	7790.0	7790.0	-111.4
	sc Med 23	-129525.5	-1419.8	7790.0	7790.0	-54.5

Combinazioni Quasi Permanenti						
136	Fl. 26	-129600.1	-1420.2	-7117.9	-7117.9	-237.9
	s/c 26	-129600.1	-1420.2	-7117.9	-7117.9	-1395.0
	sc Max 26	-129600.1	-1420.2	-7117.9	-7117.9	-107.1
	sc Med 26	-129600.1	-1420.2	-7117.9	-7117.9	-54.4
19494	Fl. 26	-127675.1	-1360.7	7675.1	7675.1	-189.7
	s/c 26	-127675.1	-1360.7	7675.1	7675.1	-1418.8
	sc Max 26	-127675.1	-1360.7	7675.1	7675.1	-109.7
	sc Med 26	-127675.1	-1360.7	7675.1	7675.1	-53.7

▲Pilastro: 19494/19594 / L 3.75[m] / Sezione 2 B 30 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 12 2brx4br/15.0° x 62.5/ø 12 2brx4br/20.0° x 250.0/ø 12 2brx4br/15.0° x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _{xx}	M _{yy}	α _{xx}	α _{yy}	Sd/Sr
19494	1	-150198.1	3605.7	-7993.8	1.00	1.00	0.57
19594	1	-148248.1	-3379.1	9047.4	1.00	1.00	0.60

▲Verifiche a Taglio

Da	A	V _{ass}	V _{ass}	V _{ass}	V _{ass}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	6292.6	24216.3	9714.5	27190.3	ø 12 2brx4br/15.0°
0.75	3.25	6292.6	18162.2	9714.5	20392.7	ø 12 2brx4br/20.0°
3.25	3.88	6292.6	24216.3	9714.5	27190.3	ø 12 2brx4br/15.0°

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _{xx}	M _{yy}	α _{xx}	α _{yy}
		[kg]	[kg]	[kg]	[kg]	[kg/cm ²]

Combinazioni Base						
19494	Fl. 21	-107422.7	2662.5	-5675.5	-5675.5	-80.5
	s/c 20	-112786.4	2735.9	-5988.6	-5988.6	-1639.5
	sc Max 20	-112786.4	2735.9	-5988.6	-5988.6	-131.2
	sc Med 20	-112786.4	2735.9	-5988.6	-5988.6	-59.7
19594	Fl. 21	-105922.7	-2326.8	6422.2	6422.2	11.2
	s/c 20	-111286.4	-2574.7	6777.4	6777.4	-1701.3
	sc Max 20	-111286.4	-2574.7	6777.4	6777.4	-137.9
	sc Med 20	-111286.4	-2574.7	6777.4	6777.4	-61.6

Combinazioni Frequenti						
19494	Fl. 23	-104906.0	2601.7	-5524.6	-5524.6	-80.5
	s/c 23	-104906.0	2601.7	-5524.6	-5524.6	-1524.6
	sc Max 23	-104906.0	2601.7	-5524.6	-5524.6	-121.9
	sc Med 23	-104906.0	2601.7	-5524.6	-5524.6	-55.5
19594	Fl. 23	-103406.0	-2472.7	6252.4	6252.4	9.3
	s/c 23	-103406.0	-2472.7	6252.4	6252.4	-1582.2
	sc Max 23	-103406.0	-2472.7	6252.4	6252.4	-128.2
	sc Med 23	-103406.0	-2472.7	6252.4	6252.4	-57.1

Combinazioni Quasi Permanenti						
19494	Fl. 26	-103448.4	2529.1	-5431.5	-5431.5	-84.1
	s/c 26	-103448.4	2529.1	-5431.5	-5431.5	-1498.9
	sc Max 26	-103448.4	2529.1	-5431.5	-5431.5	-119.8
	sc Med 26	-103448.4	2529.1	-5431.5	-5431.5	-54.7
19594	Fl. 26	-101948.4	-2396.4	6149.6	6149.6	3.7
	s/c 26	-101948.4	-2396.4	6149.6	6149.6	-1555.0
	sc Max 26	-101948.4	-2396.4	6149.6	6149.6	-125.9
	sc Med 26	-101948.4	-2396.4	6149.6	6149.6	-56.2

▲Pilastro: 19594/19694 / L 3.75[m] / Sezione 3 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2brx4br/12.5° x 62.5/ø 10 2brx4br/15.0° x 250.0/ø 10 2brx4br/12.5° x 62.5

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₁ [kgm]	σ [kg/cm ²]
	sc Med 26	-31887.1	-1316.9	-4012.9	-48.6

▲Pilastro: 19894/20094 / L 3.75[m] / Sezione 6 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1ø12 x 4 V + 0ø12 x 2 B + 2ø22 x 2 H >
Staffe: ø 10 2br.x4br/12.5' x 62.5/ø 10 2br.x4br/15.0' x 250.0/ø 10 2br.x4br/12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₁ [kgm]	σ ₁₂ [kg/cm ²]	σ ₁₁ [kg/cm ²]	Sd/Sr
19894	13	-14174.0	1927.0	-3575.3	1.00	1.00	0.31
20094	1	-16571.5	-24.4	54.5	1.00	1.00	0.05

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{max} [kg]	V _{av} [kg]	V _{max} [kg]	Staffe
0.13	0.75	29484.4	15754.8	4630.7	18233.1	ø 10 2br.x4br/12.5'
0.75	3.25	29484.4	13129.0	4630.7	15194.2	ø 10 2br.x4br/15.0'
3.25	3.88	29484.4	15754.8	4630.7	18233.1	ø 10 2br.x4br/12.5'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₁ [kgm]	σ [kg/cm ²]
Combinazioni Rare					
19894	Fr 20	-13510.5	837.4	-2486.9	740.2
	sc 20	-13510.5	837.4	-2486.9	-679.2
	sc Max 20	-13510.5	837.4	-2486.9	-72.5
	sc Med 20	-13510.5	837.4	-2486.9	-29.9
20094	Fr 21	-12048.7	-17.7	38.6	-116.4
	sc 20	-12510.5	-18.4	40.8	-137.0
	sc Max 20	-12510.5	-18.4	40.8	-9.4
	sc Med 20	-12510.5	-18.4	40.8	-8.6

19894	Fr 24	-12393.4	748.6	-2228.7	655.2
	sc 23	-12727.7	744.6	-2234.6	-64.3
	sc Max 23	-12727.7	744.6	-2234.6	-65.1
	sc Med 23	-12727.7	744.6	-2234.6	-27.0
20094	Fr 24	-11393.4	-16.9	37.1	-110.0
	sc 23	-11727.7	-17.3	37.6	-128.3
	sc Max 23	-11727.7	-17.3	37.6	-8.8
	sc Med 23	-11727.7	-17.3	37.6	-8.1

Combinazioni Quasi Permanenti					
19894	Fr 26	-12393.4	748.6	-2228.7	655.2
	sc 26	-12393.4	748.6	-2228.7	-611.0
	sc Max 26	-12393.4	748.6	-2228.7	-65.0
	sc Med 26	-12393.4	748.6	-2228.7	-26.9
20094	Fr 26	-11393.4	-16.9	37.1	-110.0
	sc 26	-11393.4	-16.9	37.1	-124.8
	sc Max 26	-11393.4	-16.9	37.1	-8.6
	sc Med 26	-11393.4	-16.9	37.1	-7.8

▲Pilastro: 383/25722 / L 3.75[m] / Sezione 1 B 35 [cm]H 55 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1ø12 x 4 V + 0ø12 x 2 B + 2ø22 x 2 H >
Staffe: ø 12 2br.x4br/15.0' x 375.0

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₁ [kgm]	σ ₁₂ [kg/cm ²]	σ ₁₁ [kg/cm ²]	Sd/Sr
383	17	-102282.6	13866.8	11565.4	1.00	1.00	0.60
25722	1	-133203.6	916.9	-7381.7	1.00	1.00	0.39

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{max} [kg]	V _{av} [kg]	V _{max} [kg]	Staffe
0.13	3.88	12416.4	26871.6	13602.2	32500.9	ø 12 2br.x4br/15.0'

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₁ [kgm]	σ [kg/cm ²]
19794	Fr 21	-58857.1	-1380.9	3841.4	233.6
	sc 20	-60165.9	-1379.3	3836.2	-138.2
	sc Max 20	-60165.9	-1379.3	3836.2	-122.4
	sc Med 20	-60165.9	-1379.3	3836.2	-53.2

Combinazioni Frequenti					
19694	Fr 23	-56401.7	1440.5	-3635.2	229.4
	sc 23	-56401.7	1440.5	-3635.2	-1324.7
	sc Max 23	-56401.7	1440.5	-3635.2	-117.4
	sc Med 23	-56401.7	1440.5	-3635.2	-50.4
19794	Fr 23	-55401.7	-1355.6	3544.9	208.8
	sc 23	-55401.7	-1355.6	3544.9	-1288.1
	sc Max 23	-55401.7	-1355.6	3544.9	-114.0
	sc Med 23	-55401.7	-1355.6	3544.9	-49.2

Combinazioni Quasi Permanenti					
19694	Fr 26	-55696.8	1390.4	-3572.2	216.6
	sc 26	-55696.8	1390.4	-3572.2	-1300.4
	sc Max 26	-55696.8	1390.4	-3572.2	-115.2
	sc Med 26	-55696.8	1390.4	-3572.2	-49.6
19794	Fr 26	-54696.8	-1303.9	3481.9	195.9
	sc 26	-54696.8	-1303.9	3481.9	-1263.5
	sc Max 26	-54696.8	-1303.9	3481.9	-111.8
	sc Med 26	-54696.8	-1303.9	3481.9	-48.4

▲Pilastro: 19794/19894 / L 3.75[m] / Sezione 5 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1ø12 x 4 V + 0ø12 x 2 B + 2ø22 x 2 H >
Staffe: ø 10 2br.x4br/12.5' x 62.5/ø 10 2br.x4br/15.0' x 250.0/ø 10 2br.x4br/12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₁ [kgm]	σ ₁₂ [kg/cm ²]	σ ₁₁ [kg/cm ²]	Sd/Sr
19794	13	-37579.8	3420.0	-6010.8	1.00	1.00	0.52
19894	13	-36579.8	-3646.8	6414.4	1.00	1.00	0.56

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{max} [kg]	V _{av} [kg]	V _{max} [kg]	Staffe
0.13	0.75	5088.4	15754.8	8122.6	18233.1	ø 10 2br.x4br/12.5'
0.75	3.25	5088.4	13129.0	8122.6	15194.2	ø 10 2br.x4br/15.0'
3.25	3.88	5088.4	15754.8	8122.6	18233.1	ø 10 2br.x4br/12.5'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₁ [kgm]	σ [kg/cm ²]
Combinazioni Rare					
19794	Fr 20	-36497.6	1367.4	-4095.6	810.5
	sc 20	-36497.6	1367.4	-4095.6	-1240.0
	sc Max 20	-36497.6	1367.4	-4095.6	-121.8
	sc Med 20	-36497.6	1367.4	-4095.6	-51.5
19894	Fr 20	-35497.6	-1444.0	4460.0	989.3
	sc 20	-35497.6	-1444.0	4460.0	-1307.4
	sc Max 20	-35497.6	-1444.0	4460.0	-131.2
	sc Med 20	-35497.6	-1444.0	4460.0	-55.4

Combinazioni Frequenti					
19794	Fr 23	-33229.8	1305.2	-3745.9	755.6
	sc 23	-33229.8	1305.2	-3745.9	-1141.9
	sc Max 23	-33229.8	1305.2	-3745.9	-112.2
	sc Med 23	-33229.8	1305.2	-3745.9	-47.1
19894	Fr 23	-32229.8	-1328.0	4040.2	898.0
	sc 23	-32229.8	-1328.0	4040.2	-1188.3
	sc Max 23	-32229.8	-1328.0	4040.2	-119.2
	sc Med 23	-32229.8	-1328.0	4040.2	-50.2

Combinazioni Quasi Permanenti					
19794	Fr 26	-32887.1	1272.2	-3700.7	741.6
	sc 26	-32887.1	1272.2	-3700.7	-1125.7
	sc Max 26	-32887.1	1272.2	-3700.7	-110.6
	sc Med 26	-32887.1	1272.2	-3700.7	-46.6
19894	Fr 26	-31887.1	-1316.9	4012.9	894.9
	sc 26	-31887.1	-1316.9	4012.9	-1178.9
	sc Max 26	-31887.1	-1316.9	4012.9	-118.3

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Combinazioni Rare					
383	Fl. 20	-102388.5	7099.8	5451.6	168.1
	sic 20	-102388.5	7099.8	5451.6	-1441.0
	sc Max 20	-102388.5	7099.8	5451.6	-112.2
	sc Med 20	-102388.5	7099.8	5451.6	-46.7
	Fl. 21	-96561.9	604.3	-5276.7	-204.1
25722	sic 20	-109463.5	671.1	-5542.1	-1059.4
	sc Max 20	-109463.5	671.1	-5542.1	-81.3
	sc Med 20	-109463.5	671.1	-5542.1	-42.2
Combinazioni Frequenti					
383	Fl. 23	-96500.1	6832.0	5012.5	156.6
	sic 23	-96500.1	6832.0	5012.5	-1356.6
	sc Max 23	-96500.1	6832.0	5012.5	-105.6
	sc Med 23	-96500.1	6832.0	5012.5	-44.0
25722	Fl. 24	-93209.5	558.5	-5088.2	-198.7
	sic 23	-94575.1	574.2	-5154.9	-989.7
	sc Max 23	-94575.1	574.2	-5154.9	-75.8
	sc Med 23	-94575.1	574.2	-5154.9	-39.7
Combinazioni Quasi Permanenti					
383	Fl. 26	-95127.5	6709.4	4977.0	155.9
	sic 26	-95127.5	6709.4	4977.0	-1338.7
	sc Max 26	-95127.5	6709.4	4977.0	-104.2
	sc Med 26	-95127.5	6709.4	4977.0	-43.4
25722	Fl. 26	-93209.5	558.5	-5088.2	-198.7
	sic 26	-93209.5	558.5	-5088.2	-975.5
	sc Max 26	-93209.5	558.5	-5088.2	-74.8
	sc Med 26	-93209.5	558.5	-5088.2	-39.1

▲Pilastro: 25722/25822 / L 3.75[m] / Sezione 2 B 30 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1ø12 x 4 V + 0ø12 x 2 B + 2ø22 x 2 H >
Staffe: ø 12 2br.x4br/15.0' x 62.5/ø 12 2br.x4br/20.0' x 250.0/ø 12 2br.x4br/15.0' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M ₁₂	M ₁₃	σ ₁	σ ₂	Sd/Sr
25722	1	-108298.3	-5850.3	5320.4	1.00	1.00	0.44
25822	1	-105348.3	5946.2	-6370.0	1.00	1.00	0.46

▲Verifiche a Taglio

Da	A	V _{ed}	V _{ed2}	V _{ed3}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	
0.13	0.75	8036.7	24216.3	8704.4	27190.3
0.75	3.25	8036.7	18162.2	8704.4	20392.7
3.25	3.88	8036.7	24216.3	8704.4	27190.3

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Combinazione Rare					
25722	Fl. 20	-81614.3	-4419.4	4007.9	109.2
	sic 20	-81614.3	-4419.4	4007.9	-1346.2
	sc Max 20	-81614.3	-4419.4	4007.9	-107.9
	sc Med 20	-81614.3	-4419.4	4007.9	-45.3
25822	Fl. 20	-80114.3	3803.6	-4793.8	174.0
	sic 20	-80114.3	3803.6	-4793.8	-1376.1
	sc Max 20	-80114.3	3803.6	-4793.8	-112.0
	sc Med 20	-80114.3	3803.6	-4793.8	-46.3
Combinazione Frequent					
25722	Fl. 23	-76681.9	-4168.4	3756.2	102.8
	sic 23	-76681.9	-4168.4	3756.2	-1265.1
	sc Max 23	-76681.9	-4168.4	3756.2	-101.4
	sc Med 23	-76681.9	-4168.4	3756.2	-42.5
25822	Fl. 23	-75181.9	3564.7	-4483.0	160.6
	sic 23	-75181.9	3564.7	-4483.0	-1289.1
	sc Max 23	-75181.9	3564.7	-4483.0	-104.9
	sc Med 23	-75181.9	3564.7	-4483.0	-43.4
Combinazione Quasi Permanente					

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{ed2} [kg]	V _{ed3} [kg]	Staffe
0.13	0.75	6255.5	15754.8	6495.0	ø 10 2brx4br/12.5
0.75	3.25	6255.5	13129.0	6495.0	ø 10 2brx4br/15.0
3.25	3.88	6255.5	15754.8	6495.0	ø 10 2brx4br/12.5

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _{ed} [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Combinazioni Rare					
25922	Fl. 20	-42523.6	-2667.5	3132.0	575.0
	s/c 20	-42523.6	-2667.5	3132.0	-1388.7
	s/c Max 20	-42523.6	-2667.5	3132.0	-1192.2
	s/c Med 20	-42523.6	-2667.5	3132.0	-44.5
26022	Fl. 20	-41523.6	2538.3	-3037.4	541.7
	s/c 20	-41523.6	2538.3	-3037.4	-1263.5
	s/c Max 20	-41523.6	2538.3	-3037.4	-1150.0
	s/c Med 20	-41523.6	2538.3	-3037.4	-43.1

Combinazioni Frequenti					
25922	Fl. 23	-39419.6	-2500.9	2931.5	547.6
	s/c 23	-39419.6	-2500.9	2931.5	-1223.1
	s/c Max 23	-39419.6	-2500.9	2931.5	-111.6
	s/c Med 23	-39419.6	-2500.9	2931.5	-41.6
26022	Fl. 23	-38419.6	2396.5	-2850.9	523.6
	s/c 23	-38419.6	2396.5	-2850.9	-1184.5
	s/c Max 23	-38419.6	2396.5	-2850.9	-1080.0
	s/c Med 23	-38419.6	2396.5	-2850.9	-40.4

Combinazioni Quasi Permanenti					
25922	Fl. 26	-38952.1	-2447.7	2885.2	532.8
	s/c 26	-38952.1	-2447.7	2885.2	-1202.6
	s/c Max 26	-38952.1	-2447.7	2885.2	-109.7
	s/c Med 26	-38952.1	-2447.7	2885.2	-40.9
26022	Fl. 26	-37952.1	2339.8	-2803.4	507.6
	s/c 26	-37952.1	2339.8	-2803.4	-1163.3
	s/c Max 26	-37952.1	2339.8	-2803.4	-1060.0
	s/c Med 26	-37952.1	2339.8	-2803.4	-39.7

▲Pilastro: 26022/26122 / L 3.75[m] / Sezione 5 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2brx4br/12.5 x 62.5/ø 10 2brx4br/15.0 x 250.0/ø 10 2brx4br/12.5 x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _{ed} [kgm]	M ₁₃ [kgm]	α ₁	α ₂	Sd/Sr
26022	16	-25222.8	-3127.8	4591.2	1.00	1.00	0.42
26122	16	-24222.8	3418.6	-4794.2	1.00	1.00	0.45

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{ed2} [kg]	V _{ed3} [kg]	Staffe
0.13	0.75	7449.6	15754.8	6753.8	ø 10 2brx4br/12.5
0.75	3.25	7449.6	13129.0	6753.8	ø 10 2brx4br/15.0
3.25	3.88	7449.6	15754.8	6753.8	ø 10 2brx4br/12.5

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _{ed} [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Combinazioni Rare					
26022	Fl. 20	-23588.7	-2651.1	3069.9	1051.1
	s/c 20	-23588.7	-2651.1	3069.9	-1172.5
	s/c Max 20	-23588.7	-2651.1	3069.9	-1160.0
	s/c Med 20	-23588.7	-2651.1	3069.9	-41.1
26122	Fl. 20	-22588.7	2906.4	-3197.8	1189.2
	s/c 20	-22588.7	2906.4	-3197.8	-1232.5
	s/c Max 20	-22588.7	2906.4	-3197.8	-1230.0
	s/c Med 20	-22588.7	2906.4	-3197.8	-43.0

Combinazioni Frequenti					
26022	Fl. 23	-21379.8	-2428.9	2832.3	977.6

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _{ed} [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
	s/c 23	-21379.8	-2428.9	2832.3	-1076.5
	s/c Max 23	-21379.8	-2428.9	2832.3	-106.7
	s/c Med 23	-21379.8	-2428.9	2832.3	-37.9
26122	Fl. 23	-20379.8	2575.6	-2894.2	1065.6
	s/c 23	-20379.8	2575.6	-2894.2	-1105.7
	s/c Max 23	-20379.8	2575.6	-2894.2	-110.5
	s/c Med 23	-20379.8	2575.6	-2894.2	-38.8

Combinazioni Quasi Permanenti					
26022	Fl. 26	-21205.2	-2395.2	2801.3	983.5
	s/c 26	-21205.2	-2395.2	2801.3	-1063.7
	s/c Max 26	-21205.2	-2395.2	2801.3	-105.4
	s/c Med 26	-21205.2	-2395.2	2801.3	-37.4
26122	Fl. 26	-20205.2	2568.8	-2881.3	1064.6
	s/c 26	-20205.2	2568.8	-2881.3	-1101.0
	s/c Max 26	-20205.2	2568.8	-2881.3	-110.1
	s/c Med 26	-20205.2	2568.8	-2881.3	-38.6

▲Pilastro: 26122/26222 / L 3.75[m] / Sezione 6 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2brx4br/12.5 x 62.5/ø 10 2brx4br/15.0 x 250.0/ø 10 2brx4br/12.5 x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _{ed} [kgm]	M ₁₃ [kgm]	α ₁	α ₂	Sd/Sr
26022	1	-11745.4	-21537.7	2322.1	1.00	1.00	0.24
26222	1	-10445.4	601	-457	1.00	1.00	0.03

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{ed2} [kg]	V _{ed3} [kg]	Staffe
0.13	0.75	5007.8	15754.8	4327.2	ø 10 2brx4br/12.5
0.75	3.25	5007.8	13129.0	4327.2	ø 10 2brx4br/15.0
3.25	3.88	5007.8	15754.8	4327.2	ø 10 2brx4br/12.5

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _{ed} [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Combinazioni Rare					
26122	Fl. 20	-8847.9	-1571.4	1713.1	745.4
	s/c 20	-8847.9	-1571.4	1713.1	-640.0
	s/c Max 20	-8847.9	-1571.4	1713.1	-46.1
	s/c Med 20	-8847.9	-1571.4	1713.1	-22.8
26222	Fl. 21	-7483.2	41.9	-321	-67.5
	s/c 20	-7847.9	44.7	-341	-91.1
	s/c Max 20	-7847.9	44.7	-341	-6.4
	s/c Med 20	-7847.9	44.7	-341	-5.4

Combinazioni Frequenti					
26122	Fl. 24	-8084.3	-1364.9	1525.8	648.8
	s/c 24	-8084.3	-1364.9	1525.8	-565.4
	s/c Max 24	-8084.3	-1364.9	1525.8	-58.3
	s/c Med 24	-8084.3	-1364.9	1525.8	-20.2
26222	Fl. 24	-7084.3	39.8	-30.9	-63.8
	s/c 23	-7269.2	40.6	-31.3	-84.2
	s/c Max 23	-7269.2	40.6	-31.3	-5.9
	s/c Med 23	-7269.2	40.6	-31.3	-5.0

Combinazioni Quasi Permanenti					
26122	Fl. 26	-8084.3	-1364.9	1525.8	648.8
	s/c 26	-8084.3	-1364.9	1525.8	-565.4
	s/c Max 26	-8084.3	-1364.9	1525.8	-58.3
	s/c Med 26	-8084.3	-1364.9	1525.8	-20.2
26222	Fl. 26	-7084.3	39.8	-30.9	-63.8
	s/c 26	-7084.3	39.8	-30.9	-82.2
	s/c Max 26	-7084.3	39.8	-30.9	-5.8
	s/c Med 26	-7084.3	39.8	-30.9	-4.9

▲Pilastro: 395/25763 / L 3.75[m] / Sezione 1 B 35 [cm]H 55 [cm]

Af: 8 ø 22 Af=30.41 [cm³] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 12 2brx4br/15.0' x 375.0

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _u	M _u	M _u	α _u	α _u	Sd/Sr
395	12	-93970.3	2302.1	-7284.4	2.81	1.00	0.32	
25763	17	-42835.1	1206.8	-7678.0	1.00	1.00	0.26	

▲Verifiche a Taglio

Da	A	V _{ed2}	V _{ed2}	V _{ed1}	V _{ed1}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	3.88	7481.8	26871.6	17454.0	32500.9	ø 12 2brx4br/15.0'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _u	M _u	M _u	σ
Combinazioni Rare						
395	Fl. 21	-70798.7	558.8	763.1	-361.5	
	sic 20	-73827.6	576.7	829.2	-555.2	
	sc Max 20	-73827.6	576.7	829.2	-39.0	
	sc Med 20	-73827.6	576.7	829.2	-31.0	
25763	Fl. 21	-68873.7	3858.8	-2399.3	-162.7	
	sic 20	-71902.6	1974.8	-2524.7	-739.3	
	sc Max 20	-71902.6	1974.8	-2524.7	-55.5	
	sc Med 20	-71902.6	1974.8	-2524.7	-30.2	

Combinazioni Frequenti						
395	Fl. 23	-69359.7	553.9	680.6	-338.5	
	sic 26	-69359.7	553.9	680.6	-515.3	
	sc Max 26	-69359.7	553.9	680.6	-36.0	
	sc Med 26	-69359.7	553.9	680.6	-29.1	
25763	Fl. 23	-67434.7	1799.0	-2296.2	-164.2	
	sic 23	-67434.7	1799.0	-2296.2	-685.4	
	sc Max 23	-67434.7	1799.0	-2296.2	-51.3	
	sc Med 23	-67434.7	1799.0	-2296.2	-28.3	

Combinazioni Quasi Permanenti						
395	Fl. 26	-68501.0	556.1	559.5	-361.5	
	sic 26	-68501.0	556.1	559.5	-501.5	
	sc Max 26	-68501.0	556.1	559.5	-34.9	
	sc Med 26	-68501.0	556.1	559.5	-28.8	
25763	Fl. 26	-66576.0	1756.7	-2173.5	-169.8	
	sic 26	-66576.0	1756.7	-2173.5	-669.0	
	sc Max 26	-66576.0	1756.7	-2173.5	-50.0	
	sc Med 26	-66576.0	1756.7	-2173.5	-28.0	

▲Pilastro: 25763/25863 / L 3.75[m] / Sezione 2 B 30 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm³] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 12 2brx4br/15.0' x 62.5/ø 12 2brx4br/20.0' x 250.0/ø 12 2brx4br/15.0' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _u	M _u	M _u	α _u	α _u	Sd/Sr
25763	1	-70344.3	-3590.9	3730.1	1.00	1.00	0.29	
25863	1	-48394.3	3574.9	-4284.4	1.00	1.00	0.30	

▲Verifiche a Taglio

Da	A	V _{ed2}	V _{ed2}	V _{ed1}	V _{ed1}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	10114.1	24216.3	11776.1	27190.3	ø 12 2brx4br/15.0'
0.75	3.25	10114.1	18162.2	11776.1	20392.7	ø 12 2brx4br/20.0'
3.25	3.88	10114.1	24216.3	11776.1	27190.3	ø 12 2brx4br/15.0'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _u	M _u	M _u	σ
Combinazioni Rare						
25763	Fl. 20	-52921.1	-2686.9	2805.0	81.3	
	sic 20	-52921.1	-2686.9	2805.0	-881.5	
	sc Max 20	-52921.1	-2686.9	2805.0	-71.0	

Nodo	Comb	N	M _u	M _u	M _u	σ
Combinazioni Frequenti						
25863	sc Med 20	-52921.1	-2686.9	2805.0	-23.7	
	Fl. 20	-51421.1	2671.9	-3220.7	156.4	
	sic 20	-51421.1	2671.9	-3220.7	-920.5	
	sc Max 20	-51421.1	2671.9	-3220.7	-75.4	
	sc Med 20	-51421.1	2671.9	-3220.7	-30.5	

25763	Fl. 23	-49529.2	-2465.1	2594.9	67.4	
	sic 23	-49529.2	-2465.1	2594.9	-817.4	
	sc Max 23	-49529.2	-2465.1	2594.9	-65.8	
	sc Med 23	-49529.2	-2465.1	2594.9	-27.6	
25863	Fl. 23	-48029.2	2441.4	-2975.8	135.6	
	sic 23	-48029.2	2441.4	-2975.8	-85.1	
	sc Max 23	-48029.2	2441.4	-2975.8	-69.6	
	sc Med 23	-48029.2	2441.4	-2975.8	-28.3	

Combinazioni Quasi Permanenti						
25763	Fl. 26	-48932.4	-2412.9	2508.4	57.4	
	sic 26	-48932.4	-2412.9	2508.4	-799.5	
	sc Max 26	-48932.4	-2412.9	2508.4	-64.2	
	sc Med 26	-48932.4	-2412.9	2508.4	-27.1	
25863	Fl. 26	-47432.4	2386.0	-2876.0	121.9	
	sic 26	-47432.4	2386.0	-2876.0	-830.8	
	sc Max 26	-47432.4	2386.0	-2876.0	-67.8	
	sc Med 26	-47432.4	2386.0	-2876.0	-27.7	

▲Pilastro: 25863/25963 / L 3.75[m] / Sezione 3 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm³] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 10 2brx4br/12.5' x 62.5/ø 10 2brx4br/15.0' x 250.0/ø 10 2brx4br/12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _u	M _u	M _u	α _u	α _u	Sd/Sr
25863	1	-47394.6	-1601.0	2568.5	1.00	1.00	0.28	
25963	1	-46994.6	1722.2	-2898.0	1.00	1.00	0.30	

▲Verifiche a Taglio

Da	A	V _{ed2}	V _{ed2}	V _{ed1}	V _{ed1}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	5271.6	15754.8	7818.4	18233.1	ø 10 2brx4br/12.5'
0.75	3.25	5271.6	13129.0	7818.4	15194.2	ø 10 2brx4br/15.0'
3.25	3.88	5271.6	15754.8	7818.4	18233.1	ø 10 2brx4br/12.5'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _u	M _u	M _u	σ
Combinazioni Rare						
25863	Fl. 20	-35559.3	-1194.8	1925.9	98.3	
	sic 20	-35559.3	-1194.8	1925.9	-888.6	
	sc Max 20	-35559.3	-1194.8	1925.9	-70.1	
	sc Med 20	-35559.3	-1194.8	1925.9	-28.9	
25963	Fl. 20	-34559.3	1284.4	-2177.1	193.3	
	sic 20	-34559.3	1284.4	-2177.1	-89.7	
	sc Max 20	-34559.3	1284.4	-2177.1	-76.1	
	sc Med 20	-34559.3	1284.4	-2177.1	-30.9	

25863	Fl. 23	-33047.7	-1085.5	1781.8	84.6	
	sic 23	-33047.7	-1085.5	1781.8	-746.9	
	sc Max 23	-33047.7	-1085.5	1781.8	-64.5	
	sc Med 23	-33047.7	-1085.5	1781.8	-26.7	
25963	Fl. 23	-32047.7	1164.4	-2010.3	172.3	
	sic 23	-32047.7	1164.4	-2010.3	-791.8	
	sc Max 23	-32047.7	1164.4	-2010.3	-70.1	
	sc Med 23	-32047.7	1164.4	-2010.3	-28.5	

Combinazioni Quasi Permanenti						
25863	Fl. 26	-32694.5	-1058.1	1724.3	72.2	
	sic 26	-32694.5	-1058.1	1724.3	-728.8	
	sc Max 26	-32694.5	-1058.1	1724.3	-62.9	
	sc Med 26	-32694.5	-1058.1	1724.3	-26.1	
25963	Fl. 26	-31694.5	1134.0	-1948.2	156.6	
	sic 26	-31694.5	1134.0	-1948.2	-773.0	

Da [m]	A [m]	V _{ed} [kg]	V _{ed2} [kg]	V _{ed3} [kg]	V _{ed4} [kg]	Staffe
0,75	3,25	31490	131290	43946	15194,2	ø 10 2br x4br /15,0
3,25	3,88	31490	157548	43946	182331	ø 10 2br x4br /12,5

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	σ [kg/cm ²]
Combinazioni Raro					
26063	Fr. 20	-10531,3	-7111	1491,7	414,3
	sf. 20	-10531,3	-7111	1491,7	-465,0
	sc. Max 20	-10531,3	-7111	1491,7	-47,2
	sc. Med 20	-10531,3	-7111	1491,7	-186
26163	Fr. 21	-8432,9	22,3	-27,3	-80,3
	sf. 20	-9531,3	24,8	-29,2	-105,4
	sc. Max 20	-9531,3	24,8	-29,2	-7,3
	sc. Med 20	-9531,3	24,8	-29,2	-6,5

26063	Fr. 23	-9112,9	644,1	1375,0	397,2
	sf. 23	-9112,9	644,1	1375,0	-421,6
	sc. Max 23	-9112,9	644,1	1375,0	-43,2
	sc. Med 23	-9112,9	644,1	1375,0	-170
26163	Fr. 23	-8112,9	21,4	-26,4	-77,2
	sf. 24	-8205,3	21,4	-25,9	-90,8
	sc. Max 24	-8205,3	21,4	-25,9	-6,3
	sc. Med 24	-8205,3	21,4	-25,9	-5,6

26063	Fr. 26	-9205,3	-623,8	136,9	375,4
	sf. 26	-9205,3	-623,8	136,9	-412,5
	sc. Max 26	-9205,3	-623,8	136,9	-42,1
	sc. Med 26	-9205,3	-623,8	136,9	-166
26163	Fr. 26	-8205,3	21,4	-25,9	-78,2
	sf. 26	-8205,3	21,4	-25,9	-90,8
	sc. Max 26	-8205,3	21,4	-25,9	-6,3
	sc. Med 26	-8205,3	21,4	-25,9	-5,6

▲Pilastro: 396/25805 / L 3.75[m] / Sezione 1 B 35 [cm]H 55 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1q22 x 4 V + 0q12 x 2 B + 2q22 x 2 H >

Staffe: ø 12 2br x4br/15.0' x 375.0

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	σ _u [kg/cm ²]	σ _s [kg/cm ²]	Sd/Sr
396	16	-14267,24	-4981,4	14421,6	993	100	0,58
25805	1	-211160,5	5595,2	-4247,3	100	100	0,51

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{ed2} [kg]	V _{ed3} [kg]	Staffe
0,13	3,88	98394	26871,6	14291,4	32580,9
					ø 12 2br x4br /15,0

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	σ [kg/cm ²]
Combinazioni Raro					
396	Fr. 21	-152687,2	-193,1	4871,9	-608,8
	sf. 20	-169400,6	-217,3	5184,1	-1386,7
	sc. Max 20	-169400,6	-217,3	5184,1	-102,1
	sc. Med 20	-169400,6	-217,3	5184,1	-67,4
25805	Fr. 21	-130762,2	3876,1	-2969,1	-527,3
	sf. 20	-158475,6	4158,9	-3166,1	-1490,2
	sc. Max 20	-158475,6	4158,9	-3166,1	-105,8
	sc. Med 20	-158475,6	4158,9	-3166,1	-66,6

396	Fr. 24	-146047,5	-165,5	4512,1	-593,8
	sf. 23	-148759,9	-178,5	4682,6	-1276,0
	sc. Max 23	-148759,9	-178,5	4682,6	-93,7
	sc. Med 23	-148759,9	-178,5	4682,6	-62,5
25805	Fr. 24	-144122,5	3630,9	-2737,9	-515,2
	sf. 23	-146834,9	3731,5	-2848,3	-1330,9

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	σ [kg/cm ²]
25963	17	-15384,0	4035,5	100	1,00
	sc. Max 26	-31694,5	1134,0	-1948,2	-68,2
	sc. Med 26	-31694,5	1134,0	-1948,2	-27,8

▲Pilastro: 25963/26063 / L 3.75[m] / Sezione 4 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1q22 x 4 V + 0q12 x 2 B + 2q22 x 2 H >

Staffe: ø 10 2br x4br/12.5' x 62.5' x 250.0/ø 10 2br x4br/12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M ₁₂	M ₁₃	α ₁₂	α ₁₃	Sd/Sr
25963	17	-15384.0	-1011.7	4035.5	1.00	1.00	0.31
26063	17	-14384.0	1084.5	-4215.2	1.00	1.00	0.33

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{ed2} [kg]	V _{ed3} [kg]	Staffe
0,13	0,75	6390,5	15754,8	8007,1	182331
					ø 10 2br x4br /12,5
0,75	3,25	6390,5	13129,0	8007,1	15194,2
					ø 10 2br x4br /15,0
3,25	3,88	6390,5	15754,8	8007,1	182331
					ø 10 2br x4br /12,5

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	σ [kg/cm ²]
Combinazioni Raro					
25963	Fr. 20	-22095,0	-1356,0	2589,8	634,5
	sf. 20	-22095,0	-1356,0	2589,8	-857,5
	sc. Max 20	-22095,0	-1356,0	2589,8	-84,3
	sc. Med 20	-22095,0	-1356,0	2589,8	-33,1
26063	Fr. 20	-21095,0	1367,8	-2762,1	731,0
	sf. 20	-21095,0	1367,8	-2762,1	-882,4
	sc. Max 20	-21095,0	1367,8	-2762,1	-88,4
	sc. Med 20	-21095,0	1367,8	-2762,1	-34,8

25963	Fr. 23	-20262	-1228,0	2390,1	585,5
	sf. 23	-20262	-1228,0	2390,1	-786,3
	sc. Max 23	-20262	-1228,0	2390,1	-77,4
	sc. Med 23	-20262	-1228,0	2390,1	-30,4
26063	Fr. 23	-19262	1239,6	-2547,7	676,5
	sf. 23	-19262	1239,6	-2547,7	-808,3
	sc. Max 23	-19262	1239,6	-2547,7	-81,2
	sc. Med 23	-19262	1239,6	-2547,7	-32,0

25963	Fr. 26	-20093,8	-1192,8	2320,6	555,9
	sf. 26	-20093,8	-1192,8	2320,6	-767,0
	sc. Max 26	-20093,8	-1192,8	2320,6	-75,2
	sc. Med 26	-20093,8	-1192,8	2320,6	-29,6
26063	Fr. 26	-19093,9	1201,8	-2475,4	644,8
	sf. 26	-19093,9	1201,8	-2475,4	-788,2
	sc. Max 26	-19093,9	1201,8	-2475,4	-78,9
	sc. Med 26	-19093,9	1201,8	-2475,4	-31,1

▲Pilastro: 26063/26163 / L 3.75[m] / Sezione 5 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1q22 x 4 V + 0q12 x 2 B + 2q22 x 2 H >

Staffe: ø 10 2br x4br/12.5' x 62.5' x 250.0/ø 10 2br x4br/12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _u [kgm]	M ₁ [kgm]	σ _u [kg/cm ²]	σ _s [kg/cm ²]	Sd/Sr
26063	17	-7690,0	-588,8	2216,9	100	1,00	0,17
26163	1	-13123,0	34,0	-39,2	1,00	1,00	0,04

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{ed2} [kg]	V _{ed3} [kg]	Staffe
0,13	0,75	31490	15754,8	43946	182331
					ø 10 2br x4br /12,5

Nodo	Comb	N	M ₁₂ [kg]	M ₁₃ [kgm]	α ₁	α ₂	Sd/S _c
25905	1	-128190.7	-4407.2	14308	1.00	1.00	0.53
26005	1	-126890.7	5070.7	-15416	1.00	1.00	0.54

▲Verifiche a Taglio

Da	A	V _{ed} [kg]	V _{max} [kg]	V _{ed} [kg]	V _{max} [kg]	Staffe
[m]	[m]					
0.13	0.75	7255.2	15754.8	4769.3	18233.1	ø 10 2brx4br/12.5
0.75	3.25	7255.2	13129.0	4769.3	15194.2	ø 10 2brx4br/15.0
3.25	3.88	7255.2	15754.8	4769.3	18233.1	ø 10 2brx4br/12.5

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M ₁₂ [kgm]	M ₁₃ [kgm]	σ
					[kg/cm ²]

Combinazioni Rara					
25905	Fl. 21	-90605.3	-3055.2	9965.6	-426.4
	s/c 20	-95895.4	-3276.6	1065.4	-1531.0
	sc Max 20	-95895.4	-3276.6	1065.4	-117.1
	sc Med 20	-95895.4	-3276.6	1065.4	-65.9
26005	Fl. 21	-89605.3	3513.2	-1073.5	-350.6
	s/c 20	-94895.4	3769.2	-1147.8	-1591.1
	sc Max 20	-94895.4	3769.2	-1147.8	-122.9
	sc Med 20	-94895.4	3769.2	-1147.8	-65.2

Combinazioni Frequenti					
25905	Fl. 23	-88168.2	-2944.0	955.0	-420.5
	s/c 23	-88168.2	-2944.0	955.0	-1395.9
	sc Max 23	-88168.2	-2944.0	955.0	-106.6
	sc Med 23	-88168.2	-2944.0	955.0	-60.5
26005	Fl. 23	-87168.2	3385.6	-1028.7	-347.2
	s/c 23	-87168.2	3385.6	-1028.7	-1448.7
	sc Max 23	-87168.2	3385.6	-1028.7	-111.7
	sc Med 23	-87168.2	3385.6	-1028.7	-59.9

Combinazioni Quasi Permanenti					
25905	Fl. 26	-86820.7	-2869.2	917.4	-421.0
	s/c 26	-86820.7	-2869.2	917.4	-1367.7
	sc Max 26	-86820.7	-2869.2	917.4	-104.3
	sc Med 26	-86820.7	-2869.2	917.4	-59.6
26005	Fl. 26	-85820.7	3301.0	-988.8	-349.1
	s/c 26	-85820.7	3301.0	-988.8	-1419.0
	sc Max 26	-85820.7	3301.0	-988.8	-109.2
	sc Med 26	-85820.7	3301.0	-988.8	-58.9

▲Pilastro: 26005/26105 / L 3.75[m] / Sezione 4 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 10 2brx4br/12.5 x 62.5/ø 12 2brx4br/15.0 x 250.0/ø 10 2brx4br/12.5 x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M ₁₂ [kg]	M ₁₃ [kgm]	α ₁	α ₂	Sd/S _c
26005	1	-85334.7	-6426.6	17506	1.00	1.00	0.47
26105	16	-54261.0	5629.3	-38248	1.00	1.00	0.49

▲Verifiche a Taglio

Da	A	V _{ed} [kg]	V _{max} [kg]	V _{ed} [kg]	V _{max} [kg]	Staffe
[m]	[m]					
0.13	0.75	10164.4	15754.8	5523.7	18233.1	ø 10 2brx4br/12.5
0.75	3.25	10164.4	13129.0	5523.7	15194.2	ø 10 2brx4br/15.0
3.25	3.88	10164.4	15754.8	5523.7	18233.1	ø 10 2brx4br/12.5

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M ₁₂ [kgm]	M ₁₃ [kgm]	σ
					[kg/cm ²]

Combinazioni Rara					
26005	Fl. 20	-63579.1	-4565.3	1303.2	-112.6
	s/c 20	-63579.1	-4565.3	1303.2	-1404.7
	sc Max 20	-63579.1	-4565.3	1303.2	-114.3
	sc Med 20	-63579.1	-4565.3	1303.2	-48.4
26105	Fl. 20	-62579.1	4928.3	-1379.0	202.8
	s/c 20	-62579.1	4928.3	-1379.0	-1460.7

Nodo	Comb	N	M ₁₂ [kg]	M ₁₃ [kgm]	σ
					[kg/cm ²]
	sc Max 23	-146834.9	3731.5	-2848.3	-96.9
	sc Med 23	-146834.9	3731.5	-2848.3	-61.7

Combinazioni Quasi Permanenti					
396	Fl. 26	-146047.5	-165.5	4512.1	-593.8
	s/c 26	-146047.5	-165.5	4512.1	-1246.2
	sc Max 26	-146047.5	-165.5	4512.1	-91.4
	sc Med 26	-146047.5	-165.5	4512.1	-61.3
25805	Fl. 26	-144122.5	3630.9	-2737.9	-515.2
	s/c 26	-144122.5	3630.9	-2737.9	-1300.5
	sc Max 26	-144122.5	3630.9	-2737.9	-94.6
	sc Med 26	-144122.5	3630.9	-2737.9	-60.5

▲Pilastro: 25805/25905 / L 3.75[m] / Sezione 2 B 30 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 12 2brx4br/15.0 x 62.5/ø 12 2brx4br/20.0 x 250.0/ø 12 2brx4br/15.0 x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M ₁₂ [kg]	M ₁₃ [kgm]	α ₁	α ₂	Sd/S _c
25805	1	-170960.5	-7371.4	1567.0	1.00	1.00	0.52
25905	1	-169010.5	8127.6	-2212.1	1.00	1.00	0.54

▲Verifiche a Taglio

Da	A	V _{ed} [kg]	V _{max} [kg]	V _{ed} [kg]	V _{max} [kg]	Staffe
[m]	[m]					
0.13	0.75	11999.5	24216.3	7002.7	27190.3	ø 12 2brx4br/15.0
0.75	3.25	11999.5	18162.2	7002.7	20392.7	ø 12 2brx4br/20.0
3.25	3.88	11999.5	24216.3	7002.7	27190.3	ø 12 2brx4br/15.0

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M ₁₂ [kgm]	M ₁₃ [kgm]	σ
					[kg/cm ²]

Combinazioni Rara					
25805	Fl. 21	-121652.8	-5120.8	1087.7	-457.1
	s/c 20	-128167.3	-5484.0	1165.5	-1492.4
	sc Max 20	-128167.3	-5484.0	1165.5	-109.6
	sc Med 20	-128167.3	-5484.0	1165.5	-65.5
25905	Fl. 21	-120152.8	5641.5	-1539.4	-364.7
	s/c 20	-126667.3	6045.1	-1646.6	-1567.5
	sc Max 20	-126667.3	6045.1	-1646.6	-116.7
	sc Med 20	-126667.3	6045.1	-1646.6	-64.8

Combinazioni Frequenti					
25805	Fl. 24	-116431.8	-4808.1	994.2	-448.7
	s/c 23	-118464.8	-4935.8	1039.2	-1366.1
	sc Max 23	-118464.8	-4935.8	1039.2	-100.1
	sc Med 23	-118464.8	-4935.8	1039.2	-60.6
25905	Fl. 23	-116964.8	5485.6	-1473.4	-361.5
	s/c 23	-116964.8	5485.6	-1473.4	-1432.3
	sc Max 23	-116964.8	5485.6	-1473.4	-106.5
	sc Med 23	-116964.8	5485.6	-1473.4	-59.8

Combinazioni Quasi Permanenti					
25805	Fl. 26	-116431.8	-4808.1	994.2	-448.7
	s/c 26	-116431.8	-4808.1	994.2	-1336.9
	sc Max 26	-116431.8	-4808.1	994.2	-97.9
	sc Med 26	-116431.8	-4808.1	994.2	-59.5
25905	Fl. 26	-114931.8	5295.9	-1412.9	-361.9
	s/c 26	-114931.8	5295.9	-1412.9	-1400.8
	sc Max 26	-114931.8	5295.9	-1412.9	-104.0
	sc Med 26	-114931.8	5295.9	-1412.9	-58.8

▲Pilastro: 25905/26005 / L 3.75[m] / Sezione 3 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 10 2brx4br/12.5 x 62.5/ø 10 2brx4br/15.0 x 250.0/ø 10 2brx4br/12.5 x 62.5

▲Verifiche a Presso-Flessione S.L.U.

▲Pilastro: 397/25877 / L 3.75[m] / Sezione 1 B 35 [cm]H 55 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 12 2Br.x4Br/15.0' x 375.0

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _u	M _u	M _u	α _u	α _u	Sd/Sr
397	16	-155664.4	-4547.9	9176.6	1026	1.00	1.00	0.48
25877	1	-224464.0	5988.8	-1370.2	1.00	1.00	1.00	0.51

▲Verifiche a Taglio

Da	A	V _{u0}	V _{u0}	V _{u0}	V _{u0}	Staffe
0.13	3.88	106883.3	26871.6	10989.4	32500.9	ø 12 2Br.x4Br/15.0'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _u	M _u	M _u	σ
Combinazioni Rare						

397	Fl. 21	-161888.7	-312.2	749.8	-949.9	
	s/c 20	-170284.2	-342.5	801.2	-1147.9	
	s/c Max 20	-170284.2	-342.5	801.2	-78.3	
	s/c Med 20	-170284.2	-342.5	801.2	-71.5	
25877	Fl. 21	-159963.7	4096.2	-966.8	-713.8	
	s/c 20	-168359.2	4418.5	-1024.5	-1376.2	
	s/c Max 20	-168359.2	4418.5	-1024.5	-97.1	
	s/c Med 20	-168359.2	4418.5	-1024.5	-70.7	

397	Fl. 24	-154557.3	-285.9	691.2	-909.3	
	s/c 23	-157579.2	-296.7	718.9	-1059.5	
	s/c Max 23	-157579.2	-296.7	718.9	-72.2	
	s/c Med 23	-157579.2	-296.7	718.9	-66.2	
25877	Fl. 24	-150632.3	3833.6	-902.7	-686.6	
	s/c 23	-159654.2	3937.1	-932.6	-1263.2	
	s/c Max 23	-159654.2	3937.1	-932.6	-89.1	
	s/c Med 23	-159654.2	3937.1	-932.6	-65.4	

Combinazioni Quasi Permanenti						
397	Fl. 26	-154557.3	-285.9	691.2	-909.3	
	s/c 26	-154557.3	-285.9	691.2	-1038.0	
	s/c Max 26	-154557.3	-285.9	691.2	-70.7	
	s/c Med 26	-154557.3	-285.9	691.2	-64.9	
25877	Fl. 26	-150632.3	3833.6	-902.7	-686.6	
	s/c 26	-150632.3	3833.6	-902.7	-1236.4	
	s/c Max 26	-150632.3	3833.6	-902.7	-87.1	
	s/c Med 26	-150632.3	3833.6	-902.7	-64.1	

▲Pilastro: 25877/25977 / L 3.75[m] / Sezione 2 B 30 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 12 2Br.x4Br/15.0' x 62.5/ø 12 2Br.x4Br/20.0' x 250.0/ø 12 2Br.x4Br/15.0' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _u	M _u	M _u	α _u	α _u	Sd/Sr
25877	1	-182234.2	-7789.6	10121	1.00	1.00	1.00	0.55
25977	1	-180264.2	8611.3	-1073.8	1.00	1.00	1.00	0.56

▲Verifiche a Taglio

Da	A	V _{u0}	V _{u0}	V _{u0}	V _{u0}	Staffe
0.13	0.75	12767.7	24216.3	5573.4	27190.3	ø 12 2Br.x4Br/15.0'
0.75	3.25	12767.7	18162.2	5573.4	20392.7	ø 12 2Br.x4Br/20.0'
3.25	3.88	12767.7	24216.3	5573.4	27190.3	ø 12 2Br.x4Br/15.0'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _u	M _u	M _u	σ
Combinazioni Quasi Permanenti						

Nodo	Comb	N	M _u	M _u	M _u	σ
	s/c Max 20	-62579.1	-4928.3	-1379.0	-120.0	
	s/c Med 20	-62579.1	-4928.3	-1379.0	-49.7	

Combinazioni Frequenti						
26005	Fl. 23	-57883.5	-4100.0	1168.1	90.1	
	s/c 23	-57883.5	-4100.0	1168.1	-1268.0	
	s/c Max 23	-57883.5	-4100.0	1168.1	-103.0	
	s/c Med 23	-57883.5	-4100.0	1168.1	-43.8	
26105	Fl. 23	-56883.5	4426.5	-1236.3	171.6	
	s/c 23	-56883.5	4426.5	-1236.3	-1317.1	
	s/c Max 23	-56883.5	4426.5	-1236.3	-108.1	
	s/c Med 23	-56883.5	4426.5	-1236.3	-44.9	

Combinazioni Quasi Permanenti						
26005	Fl. 26	-57219.8	-4000.5	1123.8	75.0	
	s/c 26	-57219.8	-4000.5	1123.8	-1241.1	
	s/c Max 26	-57219.8	-4000.5	1123.8	-100.6	
	s/c Med 26	-57219.8	-4000.5	1123.8	-43.0	
26105	Fl. 26	-56219.8	4320.4	-1190.0	153.8	
	s/c 26	-56219.8	4320.4	-1190.0	-1288.4	
	s/c Max 26	-56219.8	4320.4	-1190.0	-105.5	
	s/c Med 26	-56219.8	4320.4	-1190.0	-44.0	

▲Pilastro: 26105/26205 / L 3.75[m] / Sezione 5 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2Br.x4Br/12.5' x 62.5/ø 10 2Br.x4Br/15.0' x 250.0/ø 10 2Br.x4Br/12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _u	M _u	M _u	α _u	α _u	Sd/Sr
26105	16	-26076.4	-3095.1	2011.2	1.00	1.00	1.00	0.26
26205	1	-40665.9	124.3	-19.3	1.00	1.00	1.00	0.13

▲Verifiche a Taglio

Da	A	V _{u0}	V _{u0}	V _{u0}	V _{u0}	Staffe
0.13	0.75	5743.5	15754.8	2911.0	18233.1	ø 10 2Br.x4Br/12.5'
0.75	3.25	5743.5	13129.0	2911.0	15194.2	ø 10 2Br.x4Br/15.0'
3.25	3.88	5743.5	15754.8	2911.0	18233.1	ø 10 2Br.x4Br/12.5'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _u	M _u	M _u	σ
Combinazioni Rare						

26105	Fl. 20	-30880.8	-2731.5	739.5	168.3	
	s/c 20	-30880.8	-2731.5	739.5	-775.6	
	s/c Max 20	-30880.8	-2731.5	739.5	-64.5	
	s/c Med 20	-30880.8	-2731.5	739.5	-26.2	
26205	Fl. 21	-27149.5	82.1	-13.5	-268.0	
	s/c 20	-29880.8	91.0	-14.4	-320.7	
	s/c Max 20	-29880.8	91.0	-14.4	-21.7	
	s/c Med 20	-29880.8	91.0	-14.4	-20.5	

Combinazioni Frequenti						
26105	Fl. 23	-27249.5	-2451.9	663.1	159.1	
	s/c 23	-27249.5	-2451.9	663.1	-692.7	
	s/c Max 23	-27249.5	-2451.9	663.1	-57.7	
	s/c Med 23	-27249.5	-2451.9	663.1	-23.4	
26205	Fl. 23	-26249.5	79.1	-13.0	-269.1	
	s/c 24	-26270.2	79.2	-12.5	-281.8	
	s/c Max 24	-26270.2	79.2	-12.5	-19.1	
	s/c Med 24	-26270.2	79.2	-12.5	-18.0	

Combinazioni Quasi Permanenti						
26105	Fl. 26	-27270.2	-2395.0	638.5	142.1	
	s/c 26	-27270.2	-2395.0	638.5	-679.7	
	s/c Max 26	-27270.2	-2395.0	638.5	-56.4	
	s/c Med 26	-27270.2	-2395.0	638.5	-23.0	
26205	Fl. 26	-26270.2	79.2	-12.5	-259.4	
	s/c 26	-26270.2	79.2	-12.5	-281.8	
	s/c Max 26	-26270.2	79.2	-12.5	-19.1	
	s/c Med 26	-26270.2	79.2	-12.5	-18.0	

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
	sc Max 26	-92573.6	-3020.2	353.5	-102.8
	sc Med 26	-92573.6	-3020.2	353.5	-83.6
	sc Max 20	-91573.6	-3472.6	-357.4	-479.8
	sc Med 20	-91573.6	-3472.6	-357.4	-1406.8
26077	sc Max 26	-91573.6	-3472.6	-357.4	-104.9
	sc Med 26	-91573.6	-3472.6	-357.4	-62.9
	sc Max 20	-91573.6	-3472.6	-357.4	-62.9
	sc Med 20	-91573.6	-3472.6	-357.4	-62.9

▲Pilastro: 26077/26177 / L 3.75[m] / Sezione 4 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2brx4br/12.5 x 62.5/ø 10 2brx4br/15.0 x 250.0/ø 10 2brx4br/12.5 x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ ₁₂ [kg/cm ²]	σ ₁₃ [kg/cm ²]	Sd/Sr
26077	1	-92046.0	-6537.1	543.6	1.00	1.00	0.47
26177	1	-90746.0	-7078.2	-543.6	1.00	1.00	0.48

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{med} [kg]	V _{ed} [kg]	V _{med} [kg]	Staffe
0.13	0.75	10323.5	15754.8	4472.2	18233.1	ø 10 2brx4br/12.5
0.75	3.25	10323.5	13129.0	4472.2	15194.2	ø 10 2brx4br/15.0
3.25	3.88	10323.5	15754.8	4472.2	18233.1	ø 10 2brx4br/12.5

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
26077	Combinazioni Rare				
	Fl 20	-68545.6	-4848.3	407.9	-65.6
	sc 20	-68545.6	-4848.3	407.9	-1343.5
	sc Max 20	-68545.6	-4848.3	407.9	-104.7
26177	Combinazioni Frequenti				
	Fl 20	-67545.6	5249.9	-408.0	5.8
	sc 20	-67545.6	5249.9	-408.0	-1386.9
	sc Max 20	-67545.6	5249.9	-408.0	-108.9
26077	Combinazioni Frequenti				
	Fl 23	-62822.6	-4327.7	374.5	-69.5
	sc 23	-62822.6	-4327.7	374.5	-1211.4
	sc Max 23	-62822.6	-4327.7	374.5	-94.3
26177	Combinazioni Frequenti				
	Fl 23	-61282.6	4887.5	-374.9	-5.7
	sc 23	-61282.6	4887.5	-374.9	-1248.9
	sc Max 23	-61282.6	4887.5	-374.9	-97.9
26077	Combinazioni Quasi Permanenti				
	Fl 26	-61503.1	-4223.3	361.0	-76.8
	sc 26	-61503.1	-4223.3	361.0	-1188.6
	sc Max 26	-61503.1	-4223.3	361.0	-52.4
26177	Combinazioni Quasi Permanenti				
	Fl 26	-60503.1	4576.1	-361.0	-43.6
	sc 26	-60503.1	4576.1	-361.0	-15.0
	sc Max 26	-60503.1	4576.1	-361.0	-1224.7
26077	Combinazioni Quasi Permanenti				
	Fl 26	-60503.1	4576.1	-361.0	-95.9
	sc 26	-60503.1	4576.1	-361.0	-45.0
	sc Max 26	-60503.1	4576.1	-361.0	-45.0

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
25977	Combinazioni Rare				
	Fl 20	-96795.8	-3220.9	378.4	-560.4
	sc 20	-102568.4	-3471.4	399.1	-1526.0
	sc Max 20	-102568.4	-3471.4	399.1	-113.1
26077	Combinazioni Frequenti				
	Fl 20	-95795.8	3701.4	-383.1	-492.4
	sc 20	-101568.4	3990.2	-403.7	-1577.8
	sc Max 20	-101568.4	3990.2	-403.7	-117.9
25977	Combinazioni Quasi Permanenti				
	Fl 24	-92573.6	-3020.2	353.5	-544.3
	sc 24	-94105.6	-3098.3	365.5	-1389.7
	sc Max 24	-94105.6	-3098.3	365.5	-102.9
26077	Combinazioni Quasi Permanenti				
	Fl 24	-91573.6	3472.6	-357.4	-479.8
	sc 24	-93105.6	3561.0	-370.0	-1434.9
	sc Max 24	-93105.6	3561.0	-370.0	-107.1
25977	Combinazioni Quasi Permanenti				
	Fl 26	-92573.6	-3020.2	353.5	-544.3
	sc 26	-92573.6	-3020.2	353.5	-1362.9
	sc Max 26	-92573.6	-3020.2	353.5	-1362.9

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ ₁₂ [kg/cm ²]	σ ₁₃ [kg/cm ²]	Sd/Sr
26177	1	-46165.6	-3936.5	277.4	1.00	1.00	0.26
26277	1	-44865.6	-137.1	-7.4	1.00	1.00	0.14

▲Pilastro: 26177/26277 / L 3.75[m] / Sezione 5 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2brx4br/12.5 x 62.5/ø 10 2brx4br/15.0 x 250.0/ø 10 2brx4br/12.5 x 62.5

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{med} [kg]	V _{ed3} [kg]	Staffe
0.13	0.75	5820.1	15754.8	2300.8	18233.1
0.75	3.25	5820.1	13129.0	2300.8	15194.2
3.25	3.88	5820.1	15754.8	2300.8	18233.1

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _{ed} [kgm]	M _{ed3} [kgm]	σ [kg/cm ²]
Combinazioni Rare					
26177	Fl. 21	-3963.5	-2706.0	198.3	55.4
	sic. 20	-33970.1	-2918.9	208.2	-736.4
	sc. Max. 20	-33970.1	-2918.9	208.2	-58.3
26277	Fl. 21	-29963.5	90.1	-5.0	-297.3
	sic. 20	-32970.1	100.2	-5.4	-352.3
	sc. Max. 20	-32970.1	100.2	-5.4	-23.8
	sc. Med. 20	-32970.1	100.2	-5.4	-22.6
Combinazioni Frequenti					
26177	Fl. 23	-29950.0	-2605.1	191.3	51.3
	sic. 23	-29950.0	-2605.1	191.3	-655.1
	sc. Max. 23	-29950.0	-2605.1	191.3	-52.0
	sc. Med. 23	-29950.0	-2605.1	191.3	-24.3
26277	Fl. 24	-28927.5	86.8	-4.7	-287.0
	sic. 23	-28950.0	86.7	-4.8	-309.2
	sc. Max. 23	-28950.0	86.7	-4.8	-20.9
	sc. Med. 23	-28950.0	86.7	-4.8	-19.9
Combinazioni Quasi Permanenti					
26177	Fl. 26	-29927.5	-2545.2	184.1	39.6
	sic. 26	-29927.5	-2545.2	184.1	-645.2
	sc. Max. 26	-29927.5	-2545.2	184.1	-51.0
	sc. Med. 26	-29927.5	-2545.2	184.1	-23.9
26277	Fl. 26	-28927.5	86.8	-4.7	-287.0
	sic. 26	-28927.5	86.8	-4.7	-309.0
	sc. Max. 26	-28927.5	86.8	-4.7	-20.8
	sc. Med. 26	-28927.5	86.8	-4.7	-19.9

▲Pilastro: 398/25959 / L 3.75[m] / Sezione 1 B 35 [cm]H 55 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0432 x 2 B + 2422 x 2 H >

Staffe: ø 12 2brx4br/15.0' x 3.75.0

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _{ed} [kgm]	M _{ed3} [kgm]	α _{ed}	α _{ed3}	Sd/Sr
398	12	-76726.5	2236.8	-8080.9	5.52	1.00	0.32
25959	1	-104039.6	2725.6	4142.6	1.00	1.00	0.28

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{med} [kg]	V _{ed3} [kg]	Staffe
0.13	3.88	10188.0	26871.6	14862.3	32500.9
					ø 12 2brx4br/15.0'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _{ed} [kgm]	M _{ed3} [kgm]	σ [kg/cm ²]
Combinazioni Rare					
398	Fl. 21	-76867.9	425.0	-1323.5	-362.7
	sic. 20	-79959.6	446.6	-1378.0	-625.2
	sc. Max. 20	-79959.6	446.6	-1378.0	-44.5
	sc. Med. 20	-79959.6	446.6	-1378.0	-33.6
25959	Fl. 21	-74142.9	1828.0	2995.1	-155.8
	sic. 20	-78034.6	2005.6	3121.7	-821.6
	sc. Max. 20	-78034.6	2005.6	3121.7	-62.1
	sc. Med. 20	-78034.6	2005.6	3121.7	-32.8
Combinazioni Frequenti					
398	Fl. 24	-72668.8	403.6	-1256.7	-347.2
	sic. 23	-74070.0	413.1	-1289.2	-580.0
	sc. Max. 23	-74070.0	413.1	-1289.2	-41.3

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _{ed} [kgm]	M _{ed3} [kgm]	σ [kg/cm ²]
	sc. Med. 23	-74070.0	413.1	-1289.2	-53.1
25959	Fl. 24	-70743.8	1701.3	2846.4	-151.8
	sic. 23	-72145.0	1746.3	2917.4	-755.8
	sc. Max. 23	-72145.0	1746.3	2917.4	-57.1
	sc. Med. 23	-72145.0	1746.3	2917.4	-30.3

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _{ed} [kgm]	M _{ed3} [kgm]	σ [kg/cm ²]
Combinazioni Quasi Permanenti					
398	Fl. 26	-72668.8	403.6	-1256.7	-347.2
	sic. 26	-72668.8	403.6	-1256.7	-568.4
	sc. Max. 26	-72668.8	403.6	-1256.7	-40.5
	sc. Med. 26	-72668.8	403.6	-1256.7	-30.5
25959	Fl. 26	-70743.8	1701.3	2846.4	-151.8
	sic. 26	-70743.8	1701.3	2846.4	-799.5
	sc. Max. 26	-70743.8	1701.3	2846.4	-55.8
	sc. Med. 26	-70743.8	1701.3	2846.4	-29.7

▲Pilastro: 25959/26059 / L 3.75[m] / Sezione 2 B 30 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0432 x 2 B + 2422 x 2 H >

Staffe: ø 12 2brx4br/15.0' x 62.5/ø 12 2brx4br/20.0' x 250.0/ø 12 2brx4br/15.0' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _{ed} [kgm]	M _{ed3} [kgm]	α _{ed}	α _{ed3}	Sd/Sr
25959	1	-84321.2	-3947.6	-4398.8	1.00	1.00	0.34
26059	1	-82371.2	4309.9	4954.5	1.00	1.00	0.36

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{med} [kg]	V _{ed3} [kg]	Staffe
0.13	0.75	11025.0	24216.3	9858.7	27190.3
0.75	3.25	11025.0	18162.2	9858.7	20392.7
3.25	3.88	11025.0	24216.3	9858.7	27190.3
					ø 12 2brx4br/15.0'
					ø 12 2brx4br/20.0'
					ø 12 2brx4br/15.0'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _{ed} [kgm]	M _{ed3} [kgm]	σ [kg/cm ²]
Combinazioni Rare					
25959	Fl. 20	-63203.9	-2911.3	-3245.9	96.1
	sic. 20	-63203.9	-2911.3	-3245.9	-1016.3
	sc. Max. 20	-63203.9	-2911.3	-3245.9	-81.6
	sc. Med. 20	-63203.9	-2911.3	-3245.9	-34.7
26059	Fl. 20	-61703.9	3177.1	3731.8	164.5
	sic. 20	-61703.9	3177.1	3731.8	-1085.9
	sc. Max. 20	-61703.9	3177.1	3731.8	-88.6
	sc. Med. 20	-61703.9	3177.1	3731.8	-36.1
Combinazioni Frequenti					
25959	Fl. 23	-58360.7	-2552.8	-3031.2	44.0
	sic. 23	-58360.7	-2552.8	-3031.2	-931.2
	sc. Max. 23	-58360.7	-2552.8	-3031.2	-74.8
	sc. Med. 23	-58360.7	-2552.8	-3031.2	-32.0
26059	Fl. 23	-56860.7	2782.6	3483.8	143.7
	sic. 23	-56860.7	2782.6	3483.8	-993.5
	sc. Max. 23	-56860.7	2782.6	3483.8	-81.1
	sc. Med. 23	-56860.7	2782.6	3483.8	-33.2
Combinazioni Quasi Permanenti					
25959	Fl. 26	-57298.9	-2487.9	-2958.4	98.3
	sic. 26	-57298.9	-2487.9	-2958.4	-910.8
	sc. Max. 26	-57298.9	-2487.9	-2958.4	-73.1
	sc. Med. 26	-57298.9	-2487.9	-2958.4	-31.4
26059	Fl. 26	-55798.9	2712.0	3400.4	136.5
	sic. 26	-55798.9	2712.0	3400.4	-971.2
	sc. Max. 26	-55798.9	2712.0	3400.4	-79.2
	sc. Med. 26	-55798.9	2712.0	3400.4	-32.5

▲Pilastro: 26059/26159 / L 3.75[m] / Sezione 3 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0432 x 2 B + 2422 x 2 H >

Staffe: ø 10 2brx4br/12.5' x 62.5/ø 10 2brx4br/15.0' x 250.0/ø 10 2brx4br/12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _u	M ₁	α ₁	α ₂	σ
26259	1	62490.5	-2376.7	-2946.1	1.00	1.00	0.35
26159	1	61190.5	2814.1	3299.4	1.00	1.00	0.38

▲Verifiche a Taglio

Da	A	V _{ed}	V _{ed2}	V _{ed1}	V _{ed3}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	6664.2	15754.8	6620.9	18233.1	ø 10 2brx4br/12.5'
0.75	3.25	6664.2	13129.0	6620.9	15194.2	ø 10 2brx4br/15.0'
3.25	3.88	6664.2	15754.8	6620.9	18233.1	ø 10 2brx4br/12.5'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _u	M ₁	M ₂	σ
Combinazioni Base						
26059	Fl. 20	-46752.1	-1751.5	-2218.3	857	
	sf. 20	-46752.1	-1751.5	-2218.3	-1030.4	
	sc. Max 20	-46752.1	-1751.5	-2218.3	-87.9	
	sc. Med 20	-46752.1	-1751.5	-2218.3	-36.3	
26159	Fl. 20	-45752.1	2074.2	2483.9	2157	
	sf. 20	-45752.1	2074.2	2483.9	-1116.2	
	sc. Max 20	-45752.1	2074.2	2483.9	-97.1	
	sc. Med 20	-45752.1	2074.2	2483.9	-38.4	

Combinazioni Frequenti						
26059	Fl. 23	-42966.5	-1532.9	-2069.2	73.4	
	sf. 23	-42966.5	-1532.9	-2069.2	-941.9	
	sc. Max 23	-42966.5	-1532.9	-2069.2	-80.5	
	sc. Med 23	-42966.5	-1532.9	-2069.2	-33.4	
26159	Fl. 23	-41966.5	1816.6	2316.0	192.6	
	sf. 23	-41966.5	1816.6	2316.0	-1018.6	
	sc. Max 23	-41966.5	1816.6	2316.0	-88.8	
	sc. Med 23	-41966.5	1816.6	2316.0	-35.3	

Combinazioni Quasi Permanenti						
26059	Fl. 26	-42246.1	-1494.4	-2020.2	67.1	
	sf. 26	-42246.1	-1494.4	-2020.2	-921.8	
	sc. Max 26	-42246.1	-1494.4	-2020.2	-787	
	sc. Med 26	-42246.1	-1494.4	-2020.2	-327	
26159	Fl. 26	-41246.1	1771.4	2261.5	183.2	
	sf. 26	-41246.1	1771.4	2261.5	-996.4	
	sc. Max 26	-41246.1	1771.4	2261.5	-867	
	sc. Med 26	-41246.1	1771.4	2261.5	-34.5	

▲Pilastro: 26159/26259 / L 3.75[m] / Sezione 4 B 25 [cm]H 40 [cm]

Af. 8 ø 22 Af=30.41 [cm²] < 1422 x 4 v + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2brx4br/12.5' x 62.5/ø 10 2brx4br/15.0' x 250.0/ø 10 2brx4br/12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _u	M ₁	α ₁	α ₂	σ
26159	1	-41139.9	-3542.6	-3945.3	1.00	1.00	0.40
26259	1	-39839.9	3900.2	4247.7	1.00	1.00	0.43

▲Verifiche a Taglio

Da	A	V _{ed}	V _{ed2}	V _{ed1}	V _{ed3}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	7728.7	15754.8	7952.6	18233.1	ø 10 2brx4br/12.5'
0.75	3.25	7728.7	13129.0	7952.6	15194.2	ø 10 2brx4br/15.0'
3.25	3.88	7728.7	15754.8	7952.6	18233.1	ø 10 2brx4br/12.5'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _u	M ₁	M ₂	σ
Combinazioni Base						
26159	Fl. 20	-30674.4	-2611.9	-2969.1	801.1	
	sf. 20	-30674.4	-2611.9	-2969.1	-1192.7	
	sc. Max 20	-30674.4	-2611.9	-2969.1	-113.2	
	sc. Med 20	-30674.4	-2611.9	-2969.1	-40.9	

Nodo	Comb	N	M _u	M ₁	M ₂	σ
26259	Fl. 20	-29674.4	-2976.1	-3196.0	988.6	
	sf. 20	-29674.4	-2976.1	-3196.0	-1273.3	
	sc. Max 20	-29674.4	-2976.1	-3196.0	-122.7	
	sc. Med 20	-29674.4	-2976.1	-3196.0	-43.8	

Combinazioni Frequenti						
26159	Fl. 23	-27958.9	-2289.6	-2766.0	732.1	
	sf. 23	-27958.9	-2289.6	-2766.0	-1083.9	
	sc. Max 23	-27958.9	-2289.6	-2766.0	-103.3	
	sc. Med 23	-27958.9	-2289.6	-2766.0	-37.6	
26259	Fl. 23	-26958.9	2522.9	2976.1	887.7	
	sf. 23	-26958.9	2522.9	2976.1	-1155.8	
	sc. Max 23	-26958.9	2522.9	2976.1	-111.8	
	sc. Med 23	-26958.9	2522.9	2976.1	-40.2	

Combinazioni Quasi Permanenti						
26159	Fl. 26	-27580.8	-2233.4	-2701.7	707.1	
	sf. 26	-27580.8	-2233.4	-2701.7	-1060.0	
	sc. Max 26	-27580.8	-2233.4	-2701.7	-100.8	
	sc. Med 26	-27580.8	-2233.4	-2701.7	-36.8	
26259	Fl. 26	-26580.8	2461.1	2907.5	899.5	
	sf. 26	-26580.8	2461.1	2907.5	-1130.1	
	sc. Max 26	-26580.8	2461.1	2907.5	-109.2	
	sc. Med 26	-26580.8	2461.1	2907.5	-39.3	

▲Pilastro: 26259/26359 / L 3.75[m] / Sezione 5 B 25 [cm]H 40 [cm]

Af. 8 ø 22 Af=30.41 [cm²] < 1422 x 4 v + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2brx4br/12.5' x 62.5/ø 10 2brx4br/15.0' x 250.0/ø 10 2brx4br/12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _u	M ₁	α ₁	α ₂	σ
26259	1	-19689.8	-2215.4	-2320.9	1.00	1.00	0.24
26359	1	-18389.8	116.3	60.9	1.00	1.00	0.06

▲Verifiche a Taglio

Da	A	V _{ed}	V _{ed2}	V _{ed1}	V _{ed3}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	4688.3	15754.8	4347.5	18233.1	ø 10 2brx4br/12.5'
0.75	3.25	4688.3	13129.0	4347.5	15194.2	ø 10 2brx4br/15.0'
3.25	3.88	4688.3	15754.8	4347.5	18233.1	ø 10 2brx4br/12.5'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _u	M ₁	M ₂	σ
Combinazioni Base						
26259	Fl. 20	-14522.3	-1633.3	-1745.7	598.0	
	sf. 20	-14522.3	-1633.3	-1745.7	-695.1	
	sc. Max 20	-14522.3	-1633.3	-1745.7	-68.0	
	sc. Med 20	-14522.3	-1633.3	-1745.7	-29.9	
26359	Fl. 21	-12306.2	75.9	41.7	-111.7	
	sf. 20	-13522.3	84.9	45.1	-155.9	
	sc. Max 20	-13522.3	84.9	45.1	-10.9	
	sc. Med 20	-13522.3	84.9	45.1	-9.3	

Combinazioni Frequenti						
26259	Fl. 23	-12883.8	-1432.2	-1624.1	550.6	
	sf. 23	-12883.8	-1432.2	-1624.1	-628.0	
	sc. Max 23	-12883.8	-1432.2	-1624.1	-61.8	
	sc. Med 23	-12883.8	-1432.2	-1624.1	-21.9	
26359	Fl. 24	-11849.7	73.0	40.0	-107.6	
	sf. 23	-11883.8	72.9	40.4	-136.9	
	sc. Max 23	-11883.8	72.9	40.4	-9.6	
	sc. Med 23	-11883.8	72.9	40.4	-8.2	

Combinazioni Quasi Permanenti						
26259	Fl. 26	-12649.7	-1398.4	-1587.2	530.0	
	sf. 26	-12649.7	-1398.4	-1587.2	-615.2	
	sc. Max 26	-12649.7	-1398.4	-1587.2	-40.4	
	sc. Med 26	-12649.7	-1398.4	-1587.2	-21.4	
26359	Fl. 26	-11849.7	73.0	40.0	-107.6	
	sf. 26	-11849.7	73.0	40.0	-136.5	
	sc. Max 26	-11849.7	73.0	40.0	-9.5	

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u		σ [kg/cm ²]
			Combinazioni Rare	Rate	
25960	Fl. 20	-631777	-2909.1	3240.5	95.5
	s/c 20	-631777	-2909.1	3240.5	-1015.4
	s/c Max 20	-631777	-2909.1	3240.5	-81.5
26060	sc Med 20	-631777	-2909.1	3240.5	-34.7
	Fl. 20	-616777	3173.8	-3723.5	163.2
	s/c 20	-616777	3173.8	-3723.5	-1094.5
	sc Max 20	-616777	3173.8	-3723.5	-88.4
	sc Med 20	-616777	3173.8	-3723.5	-36.1
Combinazioni Frequenti					
25960	Fl. 23	-58332.1	-2550.3	3026.0	43.4
	s/c 23	-58332.1	-2550.3	3026.0	-930.2
	s/c Max 23	-58332.1	-2550.3	3026.0	-74.7
26060	sc Med 23	-58332.1	-2550.3	3026.0	-32.0
	Fl. 23	-56832.1	2778.8	-3475.8	142.5
	s/c 23	-56832.1	2778.8	-3475.8	-992.1
	sc Max 23	-56832.1	2778.8	-3475.8	-81.0
	sc Med 23	-56832.1	2778.8	-3475.8	-33.2
Combinazioni Quasi Permanenti					
25960	Fl. 26	-57772.9	-2485.8	2953.6	38.8
	s/c 26	-57772.9	-2485.8	2953.6	-909.9
	sc Max 26	-57772.9	-2485.8	2953.6	-73.0
26060	sc Med 26	-57772.9	-2485.8	2953.6	-31.3
	Fl. 26	-55772.9	2708.8	-3392.9	195.3
	s/c 26	-55772.9	2708.8	-3392.9	-969.8
	sc Max 26	-55772.9	2708.8	-3392.9	-79.1
	sc Med 26	-55772.9	2708.8	-3392.9	-32.5

▲Pilastro: 26060/26160 / L 3.75[m] / Sezione 3 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 12 2brx4br/12.5' x 62.5/ø 12 2brx4br/15.0' x 250.0/ø 10 2brx4br/12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _u	M _u	α _u	α _u	Sd/Sr
26160	1	-61179.8	2819.7	-3395.3	1.00	1.00	0.38

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{red} [kg]	V _{ed} [kg]	V _{red} [kg]	Staffe
0.13	0.75	6673.0	15754.8	6618.4	18233.1	ø 10 2brx4br/12.5'
0.75	3.25	6673.0	13129.0	6618.4	15194.2	ø 10 2brx4br/15.0'
3.25	3.88	6673.0	15754.8	6618.4	18233.1	ø 10 2brx4br/12.5'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u		σ [kg/cm ²]
			Combinazioni Rare	Rate	
26060	Fl. 20	-46742.6	-1752.6	2213.8	85.0
	s/c 20	-46742.6	-1752.6	2213.8	-1029.7
	s/c Max 20	-46742.6	-1752.6	2213.8	-87.9
26160	sc Med 20	-46742.6	-1752.6	2213.8	-36.3
	Fl. 20	-45742.6	2078.4	-2480.7	215.8
	s/c 20	-45742.6	2078.4	-2480.7	-1116.1
	sc Max 20	-45742.6	2078.4	-2480.7	-97.1
	sc Med 20	-45742.6	2078.4	-2480.7	-38.4
Combinazioni Frequenti					
26060	Fl. 23	-42954.4	-1533.6	2064.9	72.8
	s/c 23	-42954.4	-1533.6	2064.9	-941.1
	s/c Max 23	-42954.4	-1533.6	2064.9	-80.4
26160	sc Med 23	-42954.4	-1533.6	2064.9	-33.3
	Fl. 23	-41544.4	1820.3	-2312.9	192.6
	s/c 23	-41544.4	1820.3	-2312.9	-108.5
	sc Max 23	-41544.4	1820.3	-2312.9	-88.7
	sc Med 23	-41544.4	1820.3	-2312.9	-35.3
Combinazioni Quasi Permanenti					

Nodo	Comb	N [kg]	M _u	M _u	α _u	α _u	Sd/Sr
	sc Med 26	-11849.7	73.0	40.0	1.00	1.00	-8.1

▲Pilastro: 399/25960 / L 3.75[m] / Sezione 1 B 35 [cm]H 55 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 12 2brx4br/15.0' x 375.0

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _u	M _u	α _u	α _u	Sd/Sr
399	16	-76694.1	2237.2	8056.0	5.52	1.00	0.32
25960	1	-103985.3	2724.4	-4125.3	1.00	1.00	0.28

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{red} [kg]	V _{ed} [kg]	V _{red} [kg]	Staffe
0.13	3.88	10202.3	24671.6	14854.7	32500.9	ø 12 2brx4br/15.0'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u		σ [kg/cm ²]
			Combinazioni Rare	Rate	
399	Fl. 21	-76022.0	425.7	1298.5	-364.2
	s/c 20	-79916.5	447.1	1352.5	-623.1
	s/c Max 20	-79916.5	447.1	1352.5	-44.4
25960	sc Med 20	-79916.5	447.1	1352.5	-33.6
	Fl. 21	-74097.0	1826.6	-2981.9	-156.5
	s/c 20	-77991.5	2004.5	-3108.4	-820.3
	sc Max 20	-77991.5	2004.5	-3108.4	-61.9
	sc Med 20	-77991.5	2004.5	-3108.4	-32.8
Combinazioni Frequenti					
399	Fl. 24	-76027.1	404.1	1233.6	-348.5
	s/c 23	-76024.9	413.8	1264.9	-578.0
	sc Max 23	-76024.9	413.8	1264.9	-41.2
25960	sc Med 23	-76024.9	413.8	1264.9	-31.1
	Fl. 24	-70702.1	1700.2	-2834.3	-152.4
	s/c 23	-72099.9	1745.0	-2904.6	-754.6
	sc Max 23	-72099.9	1745.0	-2904.6	-57.0
	sc Med 23	-72099.9	1745.0	-2904.6	-30.3
Combinazioni Quasi Permanenti					
399	Fl. 26	-72627.1	404.1	1233.6	-348.5
	s/c 26	-72627.1	404.1	1233.6	-566.5
	sc Max 26	-72627.1	404.1	1233.6	-40.3
25960	sc Med 26	-72627.1	404.1	1233.6	-30.5
	Fl. 26	-70702.1	1700.2	-2834.3	-152.4
	s/c 26	-70702.1	1700.2	-2834.3	-738.3
	sc Max 26	-70702.1	1700.2	-2834.3	-55.7
	sc Med 26	-70702.1	1700.2	-2834.3	-29.7

▲Pilastro: 25960/26060 / L 3.75[m] / Sezione 2 B 30 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 12 2brx4br/15.0' x 62.5/ø 12 2brx4br/20.0' x 250.0/ø 12 2brx4br/15.0' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _u	M _u	α _u	α _u	Sd/Sr
25960	1	-84288.9	-3945.1	4301.9	1.00	1.00	0.34
26060	1	-82338.9	4306.9	-4943.8	1.00	1.00	0.36

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{red} [kg]	V _{ed} [kg]	V _{red} [kg]	Staffe
0.13	0.75	11034.7	24216.3	9857.3	27190.3	ø 12 2brx4br/15.0'
0.75	3.25	11034.7	18162.2	9857.3	20392.7	ø 12 2brx4br/20.0'
3.25	3.88	11034.7	24216.3	9857.3	27190.3	ø 12 2brx4br/15.0'

▲Verifiche a Taglio

Da	A	V _{ed}	V _{ed2}	V _{ed3}	V _{ed4}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	4694.8	15754.8	4346.7	18233.1	ø 10 2brx4br /12.5°
0.75	3.25	4694.8	13129.0	4346.7	15194.2	ø 10 2brx4br /15.0°
3.25	3.88	4694.8	15754.8	4346.7	18233.1	ø 10 2brx4br /12.5°

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M ₁₂	M ₁₁	σ
		[kg]	Combinazioni Rare	[kgm]	[kg/cm ²]
26260	Fl. 20	-14527.8	-1631.4	1741.0	590.7
	s/c 20	-14527.8	-1631.4	1741.0	-693.9
	s/c Max 20	-14527.8	-1631.4	1741.0	-67.8
	s/c Med 20	-14527.8	-1631.4	1741.0	-23.8
	Fl. 21	-12310.5	76.0	-41.6	-111.8
26360	s/c 20	-13527.8	85.0	-45.0	-156.0
	s/c Max 20	-13527.8	85.0	-45.0	-103.9
	s/c Med 20	-13527.8	85.0	-45.0	-9.3
Combinazioni Frequenti					
26260	Fl. 23	-12887.8	-1430.1	1619.7	548.3
	s/c 23	-12887.8	-1430.1	1619.7	-626.8
	s/c Max 23	-12887.8	-1430.1	1619.7	-61.7
	s/c Med 23	-12887.8	-1430.1	1619.7	-21.8
	Fl. 24	-11853.9	73.0	-40.0	-107.6
26360	s/c 23	-11887.8	73.0	-40.3	-137.0
	s/c Max 23	-11887.8	73.0	-40.3	-9.6
	s/c Med 23	-11887.8	73.0	-40.3	-8.2
Combinazioni Quasi Permanenti					
26260	Fl. 26	-12853.9	-1396.5	1583.0	527.9
	s/c 26	-12853.9	-1396.5	1583.0	-614.1
	s/c Max 26	-12853.9	-1396.5	1583.0	-60.3
	s/c Med 26	-12853.9	-1396.5	1583.0	-21.4
	Fl. 26	-11853.9	73.0	-40.0	-107.6
26360	s/c 26	-11853.9	73.0	-40.0	-136.6
	s/c Max 26	-11853.9	73.0	-40.0	-9.5
	s/c Med 26	-11853.9	73.0	-40.0	-8.1

▲Pilastro: 401/26068 / L 3.75[m] / Sezione 1 B 35 [cm]H 55 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 12 2brx4br/15.0° x 3.75.0

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M ₁₂	M ₁₁	α ₁₂	α ₁₁	Sd/Sr
			[kg]	[kg]			
401	12	-155789.4	-4554.4	-9220.1	10.24	1.00	0.48
26068	1	-224680.0	5972.1	1407.2	1.00	1.00	0.51

▲Verifiche a Taglio

Da	A	V _{ed}	V _{ed2}	V _{ed3}	V _{ed4}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	3.88	10694.4	26871.6	11007.4	32500.9	ø 12 2brx4br /15.0°

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M ₁₂	M ₁₁	M ₁₀	σ
		[kg]	Combinazioni Rare	[kgm]	[kgm]	[kg/cm ²]
401	Fl. 21	-162025.5	-314.1	-793.3	-947.6	
	s/c 20	-170440.4	-344.8	-847.5	-1152.3	
	s/c Max 20	-170440.4	-344.8	-847.5	-78.6	
	s/c Med 20	-170440.4	-344.8	-847.5	-71.6	
	Fl. 21	-160100.5	4104.4	993.0	-712.4	
26068	s/c 20	-168515.4	4428.0	1052.1	-1379.7	
	s/c Max 20	-168515.4	4428.0	1052.1	-97.4	
	s/c Med 20	-168515.4	4428.0	1052.1	-70.8	
Combinazioni Frequenti						
401	Fl. 24	-154690.7	-287.8	-732.5	-907.1	
	s/c 23	-157710.6	-298.5	-761.0	-1063.4	
	s/c Max 23	-157710.6	-298.5	-761.0	-72.5	

Nodo	Comb	N	M ₁₂	M ₁₁	M ₁₀	σ
		[kg]	[kgm]	[kgm]	[kgm]	[kg/cm ²]
26060	Fl. 26	-42235.7	-1495.3	2016.1	66.5	
	s/c 26	-42235.7	-1495.3	2016.1	-921.1	
	s/c Max 26	-42235.7	-1495.3	2016.1	-78.6	
	s/c Med 26	-42235.7	-1495.3	2016.1	-32.7	
	Fl. 26	-41235.7	1775.1	-2258.5	183.3	
26160	s/c 26	-41235.7	1775.1	-2258.5	-996.3	
	s/c Max 26	-41235.7	1775.1	-2258.5	-86.7	
	s/c Med 26	-41235.7	1775.1	-2258.5	-34.5	

▲Pilastro: 26160/26260 / L 3.75[m] / Sezione 4 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2brx4br/12.5° x 62.5/ø 10 2brx4br/15.0° x 250.0/ø 10 2brx4br/12.5° x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M ₁₂	M ₁₁	M ₁₀	σ
		[kg]	[kgm]	[kgm]	[kgm]	[kg/cm ²]
26160	1	-41222.6	-3547.6	3939.4	1.00	0.40
26260	1	-39822.6	3903.3	-4239.1	1.00	0.43

▲Verifiche a Taglio

Da	A	V _{ed}	V _{ed2}	V _{ed3}	V _{ed4}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	7742.2	15754.8	7953.6	18233.1	ø 10 2brx4br/12.5°
0.75	3.25	7742.2	13129.0	7953.6	15194.2	ø 10 2brx4br/15.0°
3.25	3.88	7742.2	15754.8	7953.6	18233.1	ø 10 2brx4br/12.5°

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M ₁₂	M ₁₁	σ
		[kg]	Combinazioni Rare	[kgm]	[kg/cm ²]
26160	Fl. 20	-30660.4	-2615.5	2964.6	800.7
	s/c 20	-30660.4	-2615.5	2964.6	-1192.3
	s/c Max 20	-30660.4	-2615.5	2964.6	-113.2
	s/c Med 20	-30660.4	-2615.5	2964.6	-40.9
	Fl. 20	-29660.4	2876.0	-3189.5	967.6
26260	s/c 20	-29660.4	2876.0	-3189.5	-1272.0
	s/c Max 20	-29660.4	2876.0	-3189.5	-122.6
	s/c Med 20	-29660.4	2876.0	-3189.5	-43.7
Combinazioni Frequenti					
26160	Fl. 23	-27943.7	-2292.6	2761.6	731.6
	s/c 23	-27943.7	-2292.6	2761.6	-1083.5
	s/c Max 23	-27943.7	-2292.6	2761.6	-103.2
	s/c Med 23	-27943.7	-2292.6	2761.6	-37.6
	Fl. 23	-26943.7	2522.1	-2969.8	885.7
26260	s/c 23	-26943.7	2522.1	-2969.8	-1154.4
	s/c Max 23	-26943.7	2522.1	-2969.8	-111.7
	s/c Med 23	-26943.7	2522.1	-2969.8	-40.2
Combinazioni Quasi Permanenti					
26160	Fl. 26	-27566.9	-2236.5	2697.7	706.7
	s/c 26	-27566.9	-2236.5	2697.7	-1059.6
	s/c Max 26	-27566.9	-2236.5	2697.7	-100.8
	s/c Med 26	-27566.9	-2236.5	2697.7	-36.8
	Fl. 26	-26566.9	2460.7	-2901.5	857.6
26260	s/c 26	-26566.9	2460.7	-2901.5	-1128.8
	s/c Max 26	-26566.9	2460.7	-2901.5	-109.1
	s/c Med 26	-26566.9	2460.7	-2901.5	-39.3

▲Pilastro: 26260/26360 / L 3.75[m] / Sezione 5 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2brx4br/12.5° x 62.5/ø 10 2brx4br/15.0° x 250.0/ø 10 2brx4br/12.5° x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M ₁₂	M ₁₁	α ₁₂	α ₁₁	Sd/Sr
		[kg]	[kgm]	[kgm]	[kgm]	[kgm]	[kg/cm ²]
26260	1	-19697.6	-2213.2	2314.9	1.00	1.00	0.24
26360	1	-18397.6	116.4	-60.8	1.00	1.00	0.06

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _{Ed}	M ₁	α ₁	α ₂	Sd/Sr
26168	1	-137324.0	-4691.5	-544.1	1.00	1.00	0.55
26268	1	-136024.0	5389.8	552.7	1.00	1.00	0.56

▲Verifiche a Taglio

Da	A	V _{Ed}	V _{Ed1}	V _{Ed2}	V _{Ed3}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	7686.5	15754.8	3573.0	18233.1	ø 10 2brx4br/22.5°
0.75	3.25	7686.5	13129.0	3573.0	15194.2	ø 10 2brx4br/15.0°
3.25	3.88	7686.5	15754.8	3573.0	18233.1	ø 10 2brx4br/12.5°

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _{Ed}	M ₁	α ₁	α ₂
		[kg]	[kg]	[kg]	[kg]	[kg/cm ²]

Combinazioni Rare						
26168	Fl. 21	-96888.5	-3228.7	-386.5	-559.2	
	s/c 20	-102669.3	-3480.0	-407.7	-1529.3	
	sc Max 20	-102669.3	-3480.0	-407.7	-113.4	
	sc Med 20	-102669.3	-3480.0	-407.7	-70.5	
26268	Fl. 21	-95888.5	3709.1	393.1	-491.0	
	s/c 20	-101669.3	3997.9	414.3	-1581.3	
	sc Max 20	-101669.3	3997.9	414.3	-118.3	
	sc Med 20	-101669.3	3997.9	414.3	-69.8	

Combinazioni Frequenti						
26168	Fl. 24	-92663.2	-3027.9	-361.2	-543.2	
	s/c 23	-94195.5	-3106.0	-373.4	-1392.7	
	sc Max 23	-94195.5	-3106.0	-373.4	-103.1	
	sc Med 23	-94195.5	-3106.0	-373.4	-64.7	
26268	Fl. 24	-91663.2	3480.0	366.9	-478.5	
	s/c 23	-93195.5	3568.5	379.6	-1438.1	
	sc Max 23	-93195.5	3568.5	379.6	-107.4	
	sc Med 23	-93195.5	3568.5	379.6	-64.0	

Combinazioni Quasi Permanenti						
26168	Fl. 26	-92663.2	-3027.9	-361.2	-543.2	
	s/c 26	-92663.2	-3027.9	-361.2	-1385.9	
	sc Max 26	-92663.2	-3027.9	-361.2	-101.1	
	sc Med 26	-92663.2	-3027.9	-361.2	-63.6	
26268	Fl. 26	-91663.2	3480.0	366.9	-478.5	
	s/c 26	-91663.2	3480.0	366.9	-1410.0	
	sc Max 26	-91663.2	3480.0	366.9	-105.2	
	sc Med 26	-91663.2	3480.0	366.9	-62.9	

▲Pilastro: 26268/26368 / L 3.75[m] / Sezione 4 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2brx4br/12.5° x 62.5/ø 12 2brx4br/15.0° x 250.0/ø 10 2brx4br/12.5° x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _{Ed}	M ₁	α ₁	α ₂	Sd/Sr
26368	1	-92147.1	-6552.1	-557.6	1.00	1.00	0.47
		-90847.1	7100.4	553.6	1.00	1.00	0.48

▲Verifiche a Taglio

Da	A	V _{Ed}	V _{Ed1}	V _{Ed2}	V _{Ed3}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	10329.3	15754.8	4472.6	18233.1	ø 10 2brx4br/22.5°
0.75	3.25	10329.3	13129.0	4472.6	15194.2	ø 10 2brx4br/15.0°
3.25	3.88	10329.3	15754.8	4472.6	18233.1	ø 10 2brx4br/12.5°

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _{Ed}	M ₁	α ₁	α ₂
		[kg]	[kg]	[kg]	[kg]	[kg/cm ²]

Combinazioni Rare						
26368	Fl. 20	-68619.3	-4859.7	-418.3	-63.2	
	s/c 20	-68619.3	-4859.7	-418.3	-1347.2	
	sc Max 20	-68619.3	-4859.7	-418.3	-105.0	
	sc Med 20	-68619.3	-4859.7	-418.3	-49.3	

Nodo	Comb	N	M _{Ed}	M ₁	α ₁	α ₂
		[kg]	[kg]	[kg]	[kg]	[kg/cm ²]
26068	sc Med 23	-127710.6	-238.5	-761.0	-66.2	
	Fl. 24	-152765.7	3841.8	927.6	-485.3	
	s/c 23	-155785.6	3945.0	958.0	-1266.3	
	sc Max 23	-155785.6	3945.0	958.0	-89.3	
	sc Med 23	-155785.6	3945.0	958.0	-65.4	

Combinazioni Quasi Permanenti						
401	Fl. 26	-154690.7	-287.8	-732.5	-907.1	
	s/c 26	-154690.7	-287.8	-732.5	-1041.8	
	sc Max 26	-154690.7	-287.8	-732.5	-71.0	
	sc Med 26	-154690.7	-287.8	-732.5	-65.0	
26068	Fl. 26	-152765.7	3841.8	927.6	-485.3	
	s/c 26	-152765.7	3841.8	927.6	-1239.4	
	sc Max 26	-152765.7	3841.8	927.6	-87.4	
	sc Med 26	-152765.7	3841.8	927.6	-64.2	

▲Pilastro: 26068/26168 / L 3.75[m] / Sezione 2 B 30 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 12 2brx4br/15.0° x 62.5/ø 12 2brx4br/20.0° x 250.0/ø 12 2brx4br/15.0° x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _{Ed}	M ₁	α ₁	α ₂	Sd/Sr
26068	1	-182398.5	-7809.7	-1024.1	1.00	1.00	0.55
26168	1	-180448.5	8639.0	1088.3	1.00	1.00	0.56

▲Verifiche a Taglio

Da	A	V _{Ed}	V _{Ed1}	V _{Ed2}	V _{Ed3}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	12774.0	24216.3	5576.2	27190.3	ø 12 2brx4br/15.0°
0.75	3.25	12774.0	18162.2	5576.2	20392.7	ø 12 2brx4br/20.0°
3.25	3.88	12774.0	24216.3	5576.2	27190.3	ø 12 2brx4br/15.0°

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _{Ed}	M ₁	α ₁	α ₂
		[kg]	[kg]	[kg]	[kg]	[kg/cm ²]

Combinazioni Rare						
26068	Fl. 21	-129543.3	-5379.2	-727.7	-533.1	
	s/c 20	-136658.0	-5794.5	-767.4	-1542.1	
	sc Max 20	-136658.0	-5794.5	-767.4	-112.0	
	sc Med 20	-136658.0	-5794.5	-767.4	-69.9	
26168	Fl. 21	-128043.3	5948.0	772.6	-476.0	
	s/c 20	-135158.0	6409.0	815.3	-1579.8	
	sc Max 20	-135158.0	6409.0	815.3	-115.4	
	sc Med 20	-135158.0	6409.0	815.3	-69.1	

Combinazioni Frequenti						
26068	Fl. 24	-123748.2	-5041.5	-683.4	-517.4	
	s/c 23	-126030.5	-5174.3	-704.1	-1409.5	
	sc Max 23	-126030.5	-5174.3	-704.1	-102.2	
	sc Med 23	-126030.5	-5174.3	-704.1	-64.4	
26168	Fl. 24	-122248.2	5575.0	724.2	-463.3	
	s/c 23	-124530.5	5721.3	747.0	-1441.8	
	sc Max 23	-124530.5	5721.3	747.0	-105.2	
	sc Med 23	-124530.5	5721.3	747.0	-63.7	

Combinazioni Quasi Permanenti						
26068	Fl. 26	-123748.2	-5041.5	-683.4	-517.4	
	s/c 26	-123748.2	-5041.5	-683.4	-1380.4	
	sc Max 26	-123748.2	-5041.5	-683.4	-100.1	
	sc Med 26	-123748.2	-5041.5	-683.4	-63.3	
26168	Fl. 26	-122248.2	5575.0	724.2	-463.3	
	s/c 26	-122248.2	5575.0	724.2	-1411.5	
	sc Max 26	-122248.2	5575.0	724.2	-102.9	
	sc Med 26	-122248.2	5575.0	724.2	-62.5	

▲Pilastro: 26168/26268 / L 3.75[m] / Sezione 3 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2brx4br/12.5° x 62.5/ø 10 2brx4br/15.0° x 250.0/ø 10 2brx4br/12.5° x 62.5

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
	sc Med 26	-28948.5	87.0	4.8	-13.9

▲Pilastro: 402/26147 / L 3.75[m] / Sezione 1 B 35 [cm]H 55 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 12 2br x4br/15.0' x 375.0

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ ₁₂ [kg/cm ²]	σ ₁₃ [kg/cm ²]	Sd/Sr
402	12	-142814.0	-4985.0	-14497.7	9.90	1.00	0.58
26147	1	-211359.3	5607.8	4324.2	1.00	1.00	0.51

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{max} [kg]	V _{ed} [kg]	V _{max} [kg]	Staffe
0.13	3.88	9839.7	26871.6	14313.8	32800.9	ø 12 2br x4br/15.0

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]

	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Combinazioni Rare					
402	Fl 21	-152818.8	-195.0	-4947.9	-604.2
	sf 20	-169546.2	-2194	-5267.1	-1389.6
	sc Max 20	-169546.2	-2194	-5267.1	-102.7
	sc Med 20	-169546.2	-2194	-5267.1	-67.4
26147	Fl 21	-150893.8	3884.3	3020.5	-524.1
	sf 20	-158621.2	4168.1	3222.7	-1455.6
	sc Max 20	-158621.2	4168.1	3222.7	-106.2
	sc Med 20	-158621.2	4168.1	3222.7	-66.6

	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Combinazioni Frequenti					
402	Fl 24	-146170.8	-167.2	-4584.4	-589.4
	sf 23	-14885.6	-180.3	-4755.8	-1282.1
	sc Max 23	-14885.6	-180.3	-4755.8	-94.3
	sc Med 23	-14885.6	-180.3	-4755.8	-62.5
26147	Fl 24	-144245.8	3638.5	2787.0	-512.1
	sf 23	-146960.6	3739.3	2897.8	-1335.6
	sc Max 23	-146960.6	3739.3	2897.8	-97.3
	sc Med 23	-146960.6	3739.3	2897.8	-61.7

	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Combinazioni Quasi Permanenti					
402	Fl 26	-146170.8	-167.2	-4584.4	-589.4
	sf 26	-146170.8	-167.2	-4584.4	-1252.2
	sc Max 26	-146170.8	-167.2	-4584.4	-92.0
	sc Med 26	-146170.8	-167.2	-4584.4	-61.4
26147	Fl 26	-144245.8	3638.5	2787.0	-512.1
	sf 26	-144245.8	3638.5	2787.0	-1305.2
	sc Max 26	-144245.8	3638.5	2787.0	-95.0
	sc Med 26	-144245.8	3638.5	2787.0	-60.6

▲Pilastro: 26147/26247 / L 3.75[m] / Sezione 2 B 30 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 12 2br x4br/15.0' x 62.5/ø 12 2br x4br/20.0' x 250.0/ø 12 2br x4br/15.0' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ ₁₂ [kg/cm ²]	σ ₁₃ [kg/cm ²]	Sd/Sr
26147	1	-171180.3	-7392.9	-1604.6	1.00	1.00	0.52
26247	1	-169160.3	8156.9	2260.8	1.00	1.00	0.54

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{max} [kg]	V _{ed} [kg]	V _{max} [kg]	Staffe
0.13	0.75	11994.9	24216.3	7021.8	27190.3	ø 12 2br x4br/15.0
0.75	3.25	11994.9	18162.2	7021.8	20392.7	ø 12 2br x4br/20.0
3.25	3.88	11994.9	24216.3	7021.8	27190.3	ø 12 2br x4br/15.0

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
26368	Fl 20	-67619.3	5266.1	415.6	8.6
	sf 20	-67619.3	5266.1	415.6	-1390.9
	sc Max 20	-67619.3	5266.1	415.6	-109.2
	sc Med 20	-67619.3	5266.1	415.6	-51.2

	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Combinazioni Frequenti					
26268	Fl 23	-62345.9	-4338.4	-384.0	-67.3
	sf 23	-62345.9	-4338.4	-384.0	-1214.8
	sc Max 23	-62345.9	-4338.4	-384.0	-94.5
	sc Med 23	-62345.9	-4338.4	-384.0	-44.5
26368	Fl 23	-61345.9	4701.7	381.9	-3.2
	sf 23	-61345.9	4701.7	381.9	-1252.5
	sc Max 23	-61345.9	4701.7	381.9	-98.3
	sc Med 23	-61345.9	4701.7	381.9	-46.0

	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ ₁₂ [kg/cm ²]	σ ₁₃ [kg/cm ²]	Sd/Sr
Combinazioni Quasi Permanenti							
26268	Fl 26	-61567.0	-4233.9	-370.2	-74.7		
	sf 26	-61567.0	-4233.9	-370.2	-1191.9		
	sc Max 26	-61567.0	-4233.9	-370.2	-92.7		
	sc Med 26	-61567.0	-4233.9	-370.2	-43.7		
26368	Fl 26	-60567.0	4590.5	367.8	-12.5		
	sf 26	-60567.0	4590.5	367.8	-1228.2		
	sc Max 26	-60567.0	4590.5	367.8	-96.2		
	sc Med 26	-60567.0	4590.5	367.8	-45.1		

▲Pilastro: 26368/26468 / L 3.75[m] / Sezione 5 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >
Staffe: ø 10 2br x4br/12.5' x 62.5/ø 10 2br x4br/15.0' x 250.0/ø 10 2br x4br/12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ ₁₂ [kg/cm ²]	σ ₁₃ [kg/cm ²]	Sd/Sr
26368	1	-461955.1	-3951.2	-280.9	1.00	1.00	0.26
26468	1	-448953.1	137.3	7.5	1.00	1.00	0.34

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{max} [kg]	V _{ed} [kg]	V _{max} [kg]	Staffe
0.13	0.75	5825.7	15754.8	2299.0	18233.1	ø 10 2br x4br/12.5
0.75	3.25	5825.7	13129.0	2299.0	15194.2	ø 10 2br x4br/15.0
3.25	3.88	5825.7	15754.8	2299.0	18233.1	ø 10 2br x4br/12.5

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]

	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Combinazioni Rare					
26368	Fl 21	-30985.7	-2715.3	-200.9	57.3
	sf 20	-33992.7	-2929.5	-210.9	-738.6
	sc Max 20	-33992.7	-2929.5	-210.9	-58.5
	sc Med 20	-33992.7	-2929.5	-210.9	-27.4
26468	Fl 21	-29985.7	90.2	5.1	-297.5
	sf 20	-33992.7	100.4	5.5	-352.6
	sc Max 20	-33992.7	100.4	5.5	-23.8
	sc Med 20	-33992.7	100.4	5.5	-22.7

	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Combinazioni Frequenti					
26368	Fl 23	-29971.7	-2634.0	-193.9	53.0
	sf 23	-29971.7	-2634.0	-193.9	-656.9
	sc Max 23	-29971.7	-2634.0	-193.9	-52.1
	sc Med 23	-29971.7	-2634.0	-193.9	-24.4
26468	Fl 24	-28948.5	87.0	4.8	-287.2
	sf 23	-28971.7	86.9	4.9	-309.4
	sc Max 23	-28971.7	86.9	4.9	-20.9
	sc Med 23	-28971.7	86.9	4.9	-19.9

	Comb	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ ₁₂ [kg/cm ²]	σ ₁₃ [kg/cm ²]	Sd/Sr
Combinazioni Quasi Permanenti							
26368	Fl 26	-29948.5	-2554.4	-186.6	41.4		
	sf 26	-29948.5	-2554.4	-186.6	-647.1		
	sc Max 26	-29948.5	-2554.4	-186.6	-51.2		
	sc Med 26	-29948.5	-2554.4	-186.6	-24.0		
26468	Fl 26	-28948.5	87.0	4.8	-287.2		
	sf 26	-28948.5	87.0	4.8	-287.2		
	sc Max 26	-28948.5	87.0	4.8	-309.2		
	sc Med 26	-28948.5	87.0	4.8	-20.9		

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm ²]
Combinazioni Rare					
26347	Fl. 21	-122753.3	-5135.1	-1112.5	-454.5
	s/c 20	-128277.5	-5499.8	-1193.0	-1497.0
	s/c Max 20	-128277.5	-5499.8	-1193.0	-110.0
	s/c Med 20	-128277.5	-5499.8	-1193.0	-65.6
26247	Fl. 21	-120253.3	5661.0	1571.6	-361.0
	s/c 20	-126777.5	6066.5	1682.3	-1573.3
	s/c Max 20	-126777.5	6066.5	1682.3	-117.2
	s/c Med 20	-126777.5	6066.5	1682.3	-64.8
Combinazioni Frequenti					
26347	Fl. 24	-116526.7	-4821.4	-1018.0	-446.2
	s/c 23	-118561.3	-4949.5	-1063.1	-1370.1
	s/c Max 23	-118561.3	-4949.5	-1063.1	-100.5
	s/c Med 23	-118561.3	-4949.5	-1063.1	-60.6
26247	Fl. 23	-117061.3	5465.3	1504.4	-357.9
	s/c 23	-117061.3	5465.3	1504.4	-1437.4
	s/c Max 23	-117061.3	5465.3	1504.4	-106.9
	s/c Med 23	-117061.3	5465.3	1504.4	-59.8
Combinazioni Quasi Permanenti					
26347	Fl. 26	-116526.7	-4821.4	-1018.0	-446.2
	s/c 26	-116526.7	-4821.4	-1018.0	-1340.9
	s/c Max 26	-116526.7	-4821.4	-1018.0	-98.2
	s/c Med 26	-116526.7	-4821.4	-1018.0	-59.6
26247	Fl. 26	-115026.7	5314.1	1443.8	-358.3
	s/c 26	-115026.7	5314.1	1443.8	-1405.8
	s/c Max 26	-115026.7	5314.1	1443.8	-104.4
	s/c Med 26	-115026.7	5314.1	1443.8	-58.8

75%]m / Sezione 3 B 25 [cm]H 40 [cm]

2 x 4 V + 0x32 x 2 B + 2x22 x 2 H >

10 2br x4br /15.0° x 250.0/6 10 2br x4br /12.5° x 62.5

S.L.U.

Nodo	Comb	N [kg]	M _u [kgm]	M _u [kgm]	σ _u [kg/cm ²]	σ _d /S _r	
26247	1	-128277.2	-4414.1	-1459.2	1.00	1.00	0.53
26347	1	-126977.2	5068.9	1569.3	1.00	1.00	0.54

Nodo	Comb	N [kg]	M _u [kgm]	M _u [kgm]	σ _u [kg/cm ²]	σ _d /S _r
Combinazioni Rare						
26247	Fl. 21	-90664.7	-3060.1	-1015.7	-423.6	
	s/c 20	-95959.5	-3281.8	-1086.3	-1535.3	
	s/c Max 20	-95959.5	-3281.8	-1086.3	-117.6	
	s/c Med 20	-95959.5	-3281.8	-1086.3	-65.9	
26347	Fl. 21	-89664.7	3512.5	1092.6	-348.6	
	s/c 20	-94959.5	3768.1	1168.6	-1594.6	
	s/c Max 20	-94959.5	3768.1	1168.6	-123.3	
	s/c Med 20	-94959.5	3768.1	1168.6	-65.2	
Combinazioni Frequenti						
26247	Fl. 23	-88225.6	-2948.7	-973.3	-417.9	
	s/c 23	-88225.6	-2948.7	-973.3	-1399.8	
	s/c Max 23	-88225.6	-2948.7	-973.3	-107.0	
	s/c Med 23	-88225.6	-2948.7	-973.3	-60.6	
26347	Fl. 23	-87225.6	3385.0	1047.2	-345.1	
	s/c 23	-87225.6	3385.0	1047.2	-1451.9	
	s/c Max 23	-87225.6	3385.0	1047.2	-112.0	
	s/c Med 23	-87225.6	3385.0	1047.2	-59.9	

S.L.E.

Nodo	Comb	N [kg]	M _u [kgm]	M _u [kgm]	σ _u [kg/cm ²]	σ _d /S _r
Combinazioni Rare						
26247	Fl. 21	-90664.7	-3060.1	-1015.7	-423.6	
	s/c 20	-95959.5	-3281.8	-1086.3	-1535.3	
	s/c Max 20	-95959.5	-3281.8	-1086.3	-117.6	
	s/c Med 20	-95959.5	-3281.8	-1086.3	-65.9	
26347	Fl. 21	-89664.7	3512.5	1092.6	-348.6	
	s/c 20	-94959.5	3768.1	1168.6	-1594.6	
	s/c Max 20	-94959.5	3768.1	1168.6	-123.3	
	s/c Med 20	-94959.5	3768.1	1168.6	-65.2	
Combinazioni Frequenti						
26247	Fl. 23	-88225.6	-2948.7	-973.3	-417.9	
	s/c 23	-88225.6	-2948.7	-973.3	-1399.8	
	s/c Max 23	-88225.6	-2948.7	-973.3	-107.0	
	s/c Med 23	-88225.6	-2948.7	-973.3	-60.6	
26347	Fl. 23	-87225.6	3385.0	1047.2	-345.1	
	s/c 23	-87225.6	3385.0	1047.2	-1451.9	
	s/c Max 23	-87225.6	3385.0	1047.2	-112.0	
	s/c Med 23	-87225.6	3385.0	1047.2	-59.9	

▲Verifiche a Presso-Flessione S.L.U.

75[m] / Sezione 4 B 25 [cm]H 40 [cm]										
2 x 4 V + 0432 x 2 B + 2422 x 2 H >										
(ø 10 2brx4br/15.0 x 2500/ø 10 2brx4br/12.5 x 62.5										
S.L.U.										
Nodo	Comb	N	M _u [kg]	V _u [kg]	M _u [kgm]	V _u [kg]	M _u [kgm]	σ [kg/cm²]	Sd/Sr	
26347	Fl. 26	-86877.5	-2873.9	-935.6	-448.3					
	s/c 26	-86877.5	-2873.9	-935.6	-1371.5					
	s/c Max 26	-86877.5	-2873.9	-935.6	-104.6					
26447	Fl. 26	-85877.5	3300.5	1007.0	-347.1					
	s/c 26	-85877.5	3300.5	1007.0	-1422.2					
	s/c Max 26	-85877.5	3300.5	1007.0	-109.6					
	Fl. 26	-85877.5	3300.5	1007.0	-59.0					
	s/c 26	-85877.5	3300.5	1007.0	-1007.0					
	s/c Med 26	-85877.5	3300.5	1007.0	-59.0					

75[m] / Sezione 5 B 25 [cm]H 40 [cm]										
2 x 4 V + 0432 x 2 B + 2422 x 2 H >										
(ø 10 2brx4br/15.0 x 2500/ø 10 2brx4br/12.5 x 62.5										
S.L.U.										
Nodo	Comb	N	M _u [kg]	V _u [kg]	M _u [kgm]	V _u [kg]	M _u [kgm]	σ [kg/cm²]	Sd/Sr	
26347	Fl. 26	-57280.2	-4004.8	-1145.1	-78.8					
	s/c 26	-57280.2	-4004.8	-1145.1	-1245.7					
	s/c Max 26	-57280.2	-4004.8	-1145.1	-101.1					
26447	Fl. 26	-56280.2	4335.2	1213.8	160.2					
	s/c 26	-56280.2	4335.2	1213.8	-1295.1					
	s/c Max 26	-56280.2	4335.2	1213.8	-106.1					
	Fl. 26	-56280.2	4335.2	1213.8	-44.2					
	s/c 26	-56280.2	4335.2	1213.8	-1007.0					
	s/c Med 26	-56280.2	4335.2	1213.8	-44.2					

75[m] / Sezione 6 B 25 [cm]H 40 [cm]										
2 x 4 V + 0432 x 2 B + 2422 x 2 H >										
(ø 10 2brx4br/15.0 x 2500/ø 10 2brx4br/12.5 x 62.5										
S.L.U.										
Nodo	Comb	N	M _u [kg]	V _u [kg]	M _u [kgm]	V _u [kg]	M _u [kgm]	σ [kg/cm²]	Sd/Sr	
26347	Fl. 26	-57280.2	-4004.8	-1145.1	-78.8					
	s/c 26	-57280.2	-4004.8	-1145.1	-1245.7					
	s/c Max 26	-57280.2	-4004.8	-1145.1	-101.1					
26447	Fl. 26	-56280.2	4335.2	1213.8	160.2					
	s/c 26	-56280.2	4335.2	1213.8	-1295.1					
	s/c Max 26	-56280.2	4335.2	1213.8	-106.1					
	Fl. 26	-56280.2	4335.2	1213.8	-44.2					
	s/c 26	-56280.2	4335.2	1213.8	-1007.0					
	s/c Med 26	-56280.2	4335.2	1213.8	-44.2					

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{med} [kg]	V _{as} [kg]	Staffe
0.13	0.75	5743.1	15754.8	2915.4	18233.1
0.75	3.25	5743.1	13129.0	2915.4	15194.2
3.25	3.88	5743.1	15754.8	2915.4	18233.1

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u [kgm]	M _u [kgm]	M _u [kgm]	σ [kg/cm ²]
Combinazioni Rare						
26447	Fl. 20	-30876.0	-2745.9	-755.2	174.7	-780.6
	sic 20	-30876.0	-2745.9	-755.2	174.7	-780.6
	sc Max 20	-30876.0	-2745.9	-755.2	174.7	-780.6
26547	Fl. 21	-27145.6	82.1	138	-267.9	-26.4
	sic 20	-27145.6	82.1	138	-267.9	-26.4
	sc Max 20	-27145.6	82.1	138	-267.9	-26.4
	sic 20	-29876.0	91.1	146	-217	-19.1
	sc Max 20	-29876.0	91.1	146	-217	-19.1
	sc Med 20	-29876.0	91.1	146	-217	-19.1
Combinazioni Frequenti						
26447	Fl. 23	-27246.0	-2464.7	-676.8	164.7	-684.1
	sic 23	-27246.0	-2464.7	-676.8	164.7	-684.1
	sc Max 23	-27246.0	-2464.7	-676.8	164.7	-684.1
26547	Fl. 23	-26246.0	79.2	132	-259.1	-23.1
	sic 24	-26246.0	79.2	132	-259.1	-23.1
	sc Max 24	-26246.0	79.2	132	-259.1	-23.1
	sic Med 24	-26246.0	79.2	132	-259.1	-23.1
	sc Med 26	-26266.9	79.2	127	-180	-18.0
Combinazioni Quasi Permanenti						
26447	Fl. 26	-27266.9	-2407.5	-652.1	147.6	-684.1
	sic 26	-27266.9	-2407.5	-652.1	147.6	-684.1
	sc Max 26	-27266.9	-2407.5	-652.1	147.6	-684.1
26547	Fl. 26	-26266.9	79.2	127	-259.3	-23.1
	sic 26	-26266.9	79.2	127	-259.3	-23.1
	sc Max 26	-26266.9	79.2	127	-259.3	-23.1
	sic Med 26	-26266.9	79.2	127	-259.3	-23.1
	sc Med 26	-26266.9	79.2	127	-259.3	-23.1

▲Pilastro: 403/26213 / L 3.75[m] / Sezione 1 B 35 [cm]H 55 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 12 2brx4br/15.0' x 375.0

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _u [kgm]	M _u [kgm]	M _u [kgm]	σ _u	Sd/Sr
403	16	-91893.8	2303.2	7251.9	281	1.00	0.32
26213	13	-42736.5	1208.0	7714.6	1.00	1.00	0.26

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{med} [kg]	V _{as} [kg]	Staffe
0.13	3.88	7481.5	26871.6	32500.9	18233.1

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u [kgm]	M _u [kgm]	M _u [kgm]	σ [kg/cm ²]
Combinazioni Rare						
403	Fl. 21	-70707.2	557.9	-807.1	-357.9	-357.9
	sic 20	-73726.4	575.8	-876.9	-557.8	-557.8
	sc Max 20	-73726.4	575.8	-876.9	-557.8	-557.8
26213	Fl. 21	-68782.2	1860.2	2431.2	-159.8	-159.8
	sic 20	-71801.4	1976.1	2559.2	-741.1	-741.1
	sc Max 20	-71801.4	1976.1	2559.2	-741.1	-741.1
	sic Med 20	-71801.4	1976.1	2559.2	-741.1	-741.1
	sc Med 20	-71801.4	1976.1	2559.2	-741.1	-741.1
Combinazioni Frequenti						
403	Fl. 23	-69271.6	553.0	-722.8	-351.1	-351.1
	sic 23	-69271.6	553.0	-722.8	-351.1	-351.1
	sc Max 23	-69271.6	553.0	-722.8	-351.1	-351.1

▲Verifiche a Taglio

Nodo	Comb	N [kg]	M _u [kgm]	M _u [kgm]	M _u [kgm]	σ [kg/cm ²]
26213	sc Med 23	-69271.6	553.0	-722.8	-293.1	-293.1
	Fl. 23	-67346.6	1800.4	2326.9	-687.1	-687.1
	sic 23	-67346.6	1800.4	2326.9	-687.1	-687.1
	sc Max 23	-67346.6	1800.4	2326.9	-687.1	-687.1
	sic Med 23	-67346.6	1800.4	2326.9	-687.1	-687.1

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _u [kgm]	M _u [kgm]	M _u [kgm]	σ [kg/cm ²]
Combinazioni Quasi Permanenti						
403	Fl. 26	-69413.1	555.2	-600.9	-503.8	-503.8
	sic 26	-69413.1	555.2	-600.9	-503.8	-503.8
	sc Max 26	-69413.1	555.2	-600.9	-503.8	-503.8
	sic Med 26	-69413.1	555.2	-600.9	-503.8	-503.8
26213	Fl. 26	-66488.1	1757.8	2203.4	-167.0	-167.0
	sic 26	-66488.1	1757.8	2203.4	-167.0	-167.0
	sc Max 26	-66488.1	1757.8	2203.4	-167.0	-167.0
	sic Med 26	-66488.1	1757.8	2203.4	-167.0	-167.0
	sc Med 26	-66488.1	1757.8	2203.4	-167.0	-167.0

▲Pilastro: 26213/26888 / L 3.75[m] / Sezione 2 B 30 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 12 2brx4br/15.0' x 625.0/ø 12 2brx4br/15.0' x 250.0/ø 12 2brx4br/15.0' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _u [kgm]	M _u [kgm]	M _u [kgm]	σ _u	Sd/Sr
26213	1	-70236.6	-3592.6	-3753.2	1.00	1.00	0.29
26888	1	-68286.6	3576.6	4311.5	1.00	1.00	0.31

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{med} [kg]	V _{as} [kg]	Staffe
0.13	0.75	10118.1	24216.3	11780.2	27190.3
0.75	3.25	10118.1	18162.2	11780.2	20392.7
3.25	3.88	10118.1	24216.3	11780.2	27190.3

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u [kgm]	M _u [kgm]	M _u [kgm]	σ [kg/cm ²]
Combinazioni Rare						
26213	Fl. 20	-52841.8	-2688.4	-2822.2	84.5	-883.1
	sic 20	-52841.8	-2688.4	-2822.2	84.5	-883.1
	sc Max 20	-52841.8	-2688.4	-2822.2	84.5	-883.1
26888	Fl. 20	-51341.8	2673.3	3240.9	160.7	-922.7
	sic 20	-51341.8	2673.3	3240.9	160.7	-922.7
	sc Max 20	-51341.8	2673.3	3240.9	160.7	-922.7
	sic Med 20	-51341.8	2673.3	3240.9	160.7	-922.7
	sc Med 20	-51341.8	2673.3	3240.9	160.7	-922.7
Combinazioni Frequenti						
26213	Fl. 23	-49459.3	-2466.7	-2610.3	70.3	-818.8
	sic 23	-49459.3	-2466.7	-2610.3	70.3	-818.8
	sc Max 23	-49459.3	-2466.7	-2610.3	70.3	-818.8
26888	Fl. 23	-47959.3	2443.0	2993.9	193.3	-853.1
	sic 23	-47959.3	2443.0	2993.9	193.3	-853.1
	sc Max 23	-47959.3	2443.0	2993.9	193.3	-853.1
	sic Med 23	-47959.3	2443.0	2993.9	193.3	-853.1
	sc Med 23	-47959.3	2443.0	2993.9	193.3	-853.1
Combinazioni Quasi Permanenti						
26213	Fl. 26	-48663.2	-2414.2	-2524.4	60.2	-800.9
	sic 26	-48663.2	-2414.2	-2524.4	60.2	-800.9
	sc Max 26	-48663.2	-2414.2	-2524.4	60.2	-800.9
26888	Fl. 26	-47363.2	2387.2	2893.6	125.4	-832.6
	sic 26	-47363.2	2387.2	2893.6	125.4	-832.6
	sc Max 26	-47363.2	2387.2	2893.6	125.4	-832.6
	sic Med 26	-47363.2	2387.2	2893.6	125.4	-832.6
	sc Med 26	-47363.2	2387.2	2893.6	125.4	-832.6

▲Pilastro: 26888/26413 / L 3.75[m] / Sezione 3 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2brx4br/12.5' x 625.0/ø 10 2brx4br/15.0' x 250.0/ø 10 2brx4br/12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _{Ed}	M _{Ed}	M _{Ed}	α _{Ed}	α _{Ed}	Sd/Sr
26888	1	-47318.1	-1600.0	-2584.4	1.00	1.00	0.28	
26413	1	-46018.1	1722.1	2914.5	1.00	1.00	0.30	

▲Verifiche a Taglio

Da	A	V _{Ed}	V _{Ed2}	V _{Ed1}	V _{Ed3}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	5263.2	15754.8	7827.1	18233.1	ø 10 2brx4br /12.5'
0.75	3.25	5263.2	13129.0	7827.1	15194.2	ø 10 2brx4br /15.0'
3.25	3.88	5263.2	15754.8	7827.1	18233.1	ø 10 2brx4br /12.5'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _{Ed}	M _{Ed}	M _{Ed}	α _{Ed}
		[kg]	[kg]	[kg]	[kg]	[kg/cm ²]
Combinazioni Base						
26888	Fl. 20	-35502.5	-1194.8	-1941.7	102.0	
	sf. 20	-35502.5	-1194.8	-1941.7	-810.3	
	sc. Max 20	-35502.5	-1194.8	-1941.7	-70.3	
	sc. Med 20	-35502.5	-1194.8	-1941.7	-29.0	
26413	Fl. 20	-34502.5	1284.4	2189.2	197.6	
	sf. 20	-34502.5	1284.4	2189.2	-861.6	
	sc. Max 20	-34502.5	1284.4	2189.2	-76.4	
	sc. Med 20	-34502.5	1284.4	2189.2	-31.0	

Combinazioni Frequenti						
26888	Fl. 23	-32996.8	-1085.6	-1792.3	87.9	
	sf. 23	-32996.8	-1085.6	-1792.3	-747.4	
	sc. Max 26	-32996.8	-1085.6	-1792.3	-64.7	
	sc. Med 23	-32996.8	-1085.6	-1792.3	-26.8	
26413	Fl. 23	-31996.8	1164.3	2021.1	176.2	
	sf. 23	-31996.8	1164.3	2021.1	-793.4	
	sc. Max 23	-31996.8	1164.3	2021.1	-70.3	
	sc. Med 23	-31996.8	1164.3	2021.1	-28.6	

Combinazioni Quasi Permanenti						
26888	Fl. 26	-32644.6	-1058.2	-1734.6	75.4	
	sf. 26	-32644.6	-1058.2	-1734.6	-730.2	
	sc. Max 26	-32644.6	-1058.2	-1734.6	-63.1	
	sc. Med 26	-32644.6	-1058.2	-1734.6	-26.2	
26413	Fl. 26	-31644.6	1133.9	1958.7	160.3	
	sf. 26	-31644.6	1133.9	1958.7	-774.6	
	sc. Max 26	-31644.6	1133.9	1958.7	-68.4	
	sc. Med 26	-31644.6	1133.9	1958.7	-27.9	

▲Pilastro: 26413/26513 / L 3.75[m] / Sezione 4 B 25 [cm]H 40 [cm]

Af. 8 ø 22 Af=30.41 [cm²] < 1ø12 x 4 V + 0ø12 x 2 B + 2ø22 x 2 H >

Staffe: ø 10 2brx4br /12.5' x 62.5/ø 10 2brx4br /15.0' x 250.0/ø 10 2brx4br /12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _{Ed}	M _{Ed}	M _{Ed}	α _{Ed}	α _{Ed}	Sd/Sr
26413	13	-15354.5	-1011.5	-4049.0	1.00	1.00	0.31	
26513	13	-14354.5	1086.5	4229.4	1.00	1.00	0.33	

▲Verifiche a Taglio

Da	A	V _{Ed}	V _{Ed2}	V _{Ed1}	V _{Ed3}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	6176.1	15754.8	8004.7	18233.1	ø 10 2brx4br /12.5'
0.75	3.25	6176.1	13129.0	8004.7	15194.2	ø 10 2brx4br /15.0'
3.25	3.88	6176.1	15754.8	8004.7	18233.1	ø 10 2brx4br /12.5'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _{Ed}	M _{Ed}	M _{Ed}	α _{Ed}
		[kg]	[kg]	[kg]	[kg]	[kg/cm ²]
Combinazioni Base						
26413	Fl. 20	-22058.9	-1596.1	-2603.2	640.6	
	sf. 20	-22058.9	-1596.1	-2603.2	-859.7	
	sc. Max 20	-22058.9	-1596.1	-2603.2	-84.6	
	sc. Med 20	-22058.9	-1596.1	-2603.2	-33.2	

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _{Ed}	M _{Ed}	M _{Ed}	α _{Ed}
		[kg]	[kg]	[kg]	[kg]	[kg/cm ²]
26513	Fl. 20	-21058.9	-1588.7	-2776.0	737.5	
	sf. 20	-21058.9	-1588.7	-2776.0	-884.7	
	sc. Max 20	-21058.9	-1588.7	-2776.0	-88.7	
	sc. Med 20	-21058.9	-1588.7	-2776.0	-34.9	

Combinazioni Frequenti

26413	Fl. 23	-20194.6	-1228.1	-2402.1	590.9	
	sf. 23	-20194.6	-1228.1	-2402.1	-788.2	
	sc. Max 23	-20194.6	-1228.1	-2402.1	-77.7	
	sc. Med 23	-20194.6	-1228.1	-2402.1	-30.6	
26513	Fl. 23	-19194.6	1240.6	2560.1	682.3	
	sf. 23	-19194.6	1240.6	2560.1	-810.4	
	sc. Max 23	-19194.6	1240.6	2560.1	-81.5	
	sc. Med 23	-19194.6	1240.6	2560.1	-32.1	

Combinazioni Quasi Permanenti

26413	Fl. 26	-20062.3	-1192.9	-2332.3	561.2	
	sf. 26	-20062.3	-1192.9	-2332.3	-768.8	
	sc. Max 26	-20062.3	-1192.9	-2332.3	-75.5	
	sc. Med 26	-20062.3	-1192.9	-2332.3	-29.8	
26513	Fl. 26	-19062.3	1202.6	2487.4	650.5	
	sf. 26	-19062.3	1202.6	2487.4	-790.2	
	sc. Max 26	-19062.3	1202.6	2487.4	-79.2	
	sc. Med 26	-19062.3	1202.6	2487.4	-31.3	

▲Pilastro: 26513/26613 / L 3.75[m] / Sezione 5 B 25 [cm]H 40 [cm]

Af. 8 ø 22 Af=30.41 [cm²] < 1ø22 x 4 V + 0ø12 x 2 B + 2ø22 x 2 H >

Staffe: ø 10 2brx4br /12.5' x 62.5/ø 10 2brx4br /15.0' x 250.0/ø 10 2brx4br /12.5' x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _{Ed}	M _{Ed}	M _{Ed}	α _{Ed}	α _{Ed}	Sd/Sr
26513	13	-7677.5	-589.6	-2224.6	1.00	1.00	0.17	
26613	1	-33107.0	34.0	394	1.00	1.00	0.04	

▲Verifiche a Taglio

Da	A	V _{Ed}	V _{Ed2}	V _{Ed1}	V _{Ed3}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	3140.8	15754.8	4396.1	18233.1	ø 10 2brx4br /12.5'
0.75	3.25	3140.8	13129.0	4396.1	15194.2	ø 10 2brx4br /15.0'
3.25	3.88	3140.8	15754.8	4396.1	18233.1	ø 10 2brx4br /12.5'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _{Ed}	M _{Ed}	M _{Ed}	α _{Ed}
		[kg]	[kg]	[kg]	[kg]	[kg/cm ²]
Combinazioni Base						
26513	Fl. 20	-10519.2	-711.7	-1499.2	417.7	
	sf. 20	-10519.2	-711.7	-1499.2	-466.3	
	sc. Max 20	-10519.2	-711.7	-1499.2	-47.4	
	sc. Med 20	-10519.2	-711.7	-1499.2	-18.7	
26613	Fl. 21	-8421.0	22.3	27.4	-80.1	
	sf. 20	-9519.2	24.8	29.3	-105.3	
	sc. Max 20	-9519.2	24.8	29.3	-7.3	
	sc. Med 20	-9519.2	24.8	29.3	-6.5	

▲Verifiche a Taglio

26513	Fl. 23	-9103.4	-644.7	-1381.7	400.3	
	sf. 23	-9103.4	-644.7	-1381.7	-422.9	
	sc. Max 23	-9103.4	-644.7	-1381.7	-48.4	
	sc. Med 23	-9103.4	-644.7	-1381.7	-17.1	
26613	Fl. 23	-8101.4	21.4	26.5	-77.1	
	sf. 24	-8194.4	21.4	26.0	-90.7	
	sc. Max 24	-8194.4	21.4	26.0	-6.3	
	sc. Med 24	-8194.4	21.4	26.0	-5.6	

Combinazioni Quasi Permanenti

26513	Fl. 26	-9194.4	-624.3	-1343.4	378.4	
	sf. 26	-9194.4	-624.3	-1343.4	-413.6	
	sc. Max 26	-9194.4	-624.3	-1343.4	-42.2	
	sc. Med 26	-9194.4	-624.3	-1343.4	-16.7	
26613	Fl. 26	-8194.4	21.4	26.0	-78.1	
	sf. 26	-8194.4	21.4	26.0	-90.7	
	sc. Max 26	-8194.4	21.4	26.0	-6.3	

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm ²]
Combinazioni Rare					
26301	Fl. 20	-81677.4	-4415.5	-4017.1	109.3
	sic 20	-81677.4	-4415.5	-4017.1	-1347.3
	sc Max 20	-81677.4	-4415.5	-4017.1	-108.0
26401	sc Med 20	-81677.4	-4415.5	-4017.1	-46.3
	Fl. 20	-80177.4	3828.7	4808.4	177.9
	sic 20	-80177.4	3828.7	4808.4	-1380.3
	sc Max 20	-80177.4	3828.7	4808.4	-112.4
	sc Med 20	-80177.4	3828.7	4808.4	-46.4
Combinazioni Frequenti					
26301	Fl. 23	-76732.5	-4163.8	-3764.2	102.9
	sic 23	-76732.5	-4163.8	-3764.2	-1266.0
	sc Max 23	-76732.5	-4163.8	-3764.2	-101.5
26401	sc Med 23	-76732.5	-4163.8	-3764.2	-42.6
	Fl. 23	-75232.5	3586.4	4495.9	164.0
	sic 23	-75232.5	3586.4	4495.9	-1292.8
	sc Max 23	-75232.5	3586.4	4495.9	-105.2
	sc Med 23	-75232.5	3586.4	4495.9	-43.4
Combinazioni Quasi Permanenti					
26301	Fl. 26	-75669.5	-4082.7	-3701.6	98.0
	sic 26	-75669.5	-4082.7	-3701.6	-1245.3
	sc Max 26	-75669.5	-4082.7	-3701.6	-99.8
26401	sc Med 26	-75669.5	-4082.7	-3701.6	-41.9
	Fl. 26	-74169.5	3514.7	4426.1	158.7
	sic 26	-74169.5	3514.7	4426.1	-1272.0
	sc Max 26	-74169.5	3514.7	4426.1	-103.5
	sc Med 26	-74169.5	3514.7	4426.1	-42.8

▲Pilastro: 26401/26501 / L 3.75[m] / Sezione 3 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1ø22 x 4 V + 0ø12 x 2 B + 2ø22 x 2 H >
Staffe: ø 12 2brx4br/12.5' x 62.5'ø 12 2brx4br/15.0' x 250.0'ø 12 2brx4br/12.5' x 62.5'

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _u [kgm]	M _u [kgm]	α _u	α _u	Sd/Sr
26401	1	-81970.1	-2455.0	-3727.3	1.00	1.00	0.44
26501	1	-80570.1	3104.8	4006.2	1.00	1.00	0.47

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{u2} [kg]	V _{u3} [kg]	Staffe
0.13	0.75	4590.2	15754.8	5975.0	18233.1
0.75	3.25	4590.2	13129.0	5975.0	15194.2
3.25	3.88	4590.2	15754.8	5975.0	18233.1

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm ²]
Combinazioni Rare					
26401	Fl. 20	-61656.4	-1845.8	-2802.9	17.9
	sic 20	-61656.4	-1845.8	-2802.9	-1275.2
	sc Max 20	-61656.4	-1845.8	-2802.9	-107.9
	sc Med 20	-61656.4	-1845.8	-2802.9	-46.2
	Fl. 20	-60656.4	2334.5	3012.7	150.6
	sic 20	-60656.4	2334.5	3012.7	-1389.5
	sc Max 20	-60656.4	2334.5	3012.7	-117.6
	sc Med 20	-60656.4	2334.5	3012.7	-48.0
Combinazioni Frequenti					
26401	Fl. 23	-57642.3	-1717.6	-2616.6	14.8
	sic 23	-57642.3	-1717.6	-2616.6	-1190.5
	sc Max 23	-57642.3	-1717.6	-2616.6	-100.7
	sc Med 23	-57642.3	-1717.6	-2616.6	-43.1
	Fl. 23	-56642.3	2173.5	2812.4	139.4
	sic 23	-56642.3	2173.5	2812.4	-1277.8
	sc Max 23	-56642.3	2173.5	2812.4	-109.7
	sc Med 23	-56642.3	2173.5	2812.4	-44.8
Combinazioni Quasi Permanenti					

Nodo	Comb	N [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm ²]
	sc Med 26	-81944.1	21.4	28.0	-5.0

▲Pilastro: 415/26301 / L 3.75[m] / Sezione 1 B 35 [cm]H 55 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1ø22 x 4 V + 0ø12 x 2 B + 2ø22 x 2 H >
Staffe: ø 12 2brx4br/15.0' x 375.0'

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _u [kgm]	M _u [kgm]	α _u	α _u	Sd/Sr
415	13	-102489.9	1380.0	-11578.3	1.00	1.00	0.60
26301	1	-133337.8	980.3	7409.3	1.00	1.00	0.39

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{u2} [kg]	V _{u3} [kg]	Staffe
0.13	3.88	12370.9	24671.6	13628.0	32500.9
					ø 12 2brx4br/15.0'

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm ²]
Combinazioni Rare					
415	Fl. 20	-102484.3	6949.0	-5489.5	160.0
	sic 20	-102484.3	6949.0	-5489.5	-1435.0
	sc Max 20	-102484.3	6949.0	-5489.5	-111.8
	sc Med 20	-102484.3	6949.0	-5489.5	-46.7
	Fl. 21	-96643.3	648.2	5295.9	-200.9
	sic 20	-100559.3	718.2	5562.7	-1064.0
	sc Max 20	-100559.3	718.2	5562.7	-81.6
	sc Med 20	-100559.3	718.2	5562.7	-42.2
Combinazioni Frequenti					
415	Fl. 23	-96578.3	6693.8	-5047.0	149.2
	sic 23	-96578.3	6693.8	-5047.0	-1351.1
	sc Max 23	-96578.3	6693.8	-5047.0	-105.1
	sc Med 23	-96578.3	6693.8	-5047.0	-43.9
	Fl. 24	-93284.0	600.4	5106.1	-195.7
	sic 23	-94653.3	616.7	5173.4	-993.9
	sc Max 23	-94653.3	616.7	5173.4	-76.2
	sc Med 23	-94653.3	616.7	5173.4	-39.8
Combinazioni Quasi Permanenti					
415	Fl. 26	-95208.9	6574.3	-5010.2	148.6
	sic 26	-95208.9	6574.3	-5010.2	-1333.2
	sc Max 26	-95208.9	6574.3	-5010.2	-103.8
	sc Med 26	-95208.9	6574.3	-5010.2	-43.3
	Fl. 26	-93284.0	600.4	5106.1	-195.7
	sic 26	-93284.0	600.4	5106.1	-979.6
	sc Max 26	-93284.0	600.4	5106.1	-75.1
	sc Med 26	-93284.0	600.4	5106.1	-39.2

▲Pilastro: 26301/26401 / L 3.75[m] / Sezione 2 B 30 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1ø22 x 4 V + 0ø12 x 2 B + 2ø22 x 2 H >
Staffe: ø 12 2brx4br/15.0' x 62.5'ø 12 2brx4br/20.0' x 250.0'ø 12 2brx4br/15.0' x 62.5'

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	M _u [kgm]	M _u [kgm]	α _u	α _u	Sd/Sr
26301	1	-108387.2	5845.7	-5332.9	1.00	1.00	0.44
26401	1	-106437.3	5080.5	6389.7	1.00	1.00	0.46

▲Verifiche a Taglio

Da [m]	A [m]	V _{ed} [kg]	V _{u2} [kg]	V _{u3} [kg]	Staffe
0.13	0.75	8039.6	24216.3	8697.7	27190.3
0.75	3.25	8039.6	18162.2	8697.7	20392.7
3.25	3.88	8039.6	24216.3	8697.7	27190.3

▲Verifiche a Taglio

Da	A	V _{ed}	V _{ed2}	V _{ed}	V _{ed2}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	74679	157548	6744.7	18233.1	ø 10 2brx4br /12.5°
0.75	3.25	74679	131290	6744.7	15194.2	ø 10 2brx4br /15.0°
3.25	3.88	74679	157548	6744.7	18233.1	ø 10 2brx4br /12.5°

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _{u2}	M _{u1}	σ
		[kg]	[kgm]	[kgm]	[kg/cm ²]
Combinazioni Rare					
26601	Fl. 20	-23623.8	-2673.3	-3076.3	1057.5
	s/c 20	-23623.8	-2673.3	-3076.3	-1177.6
	sc Max 20	-23623.8	-2673.3	-3076.3	-116.5
	sc Med 20	-23623.8	-2673.3	-3076.3	-41.3
26701	Fl. 20	-22623.8	2912.5	3197.2	1189.4
	s/c 20	-22623.8	2912.5	3197.2	-1233.7
	sc Max 20	-22623.8	2912.5	3197.2	-133.1
	sc Med 20	-22623.8	2912.5	3197.2	-43.1
Combinazioni Frequenti					
26601	Fl. 23	-21413.1	-2448.4	-2838.0	983.2
	s/c 23	-21413.1	-2448.4	-2838.0	-1080.9
	sc Max 23	-21413.1	-2448.4	-2838.0	-107.2
	sc Med 23	-21413.1	-2448.4	-2838.0	-38.0
26701	Fl. 23	-20413.1	2581.3	2893.8	1065.7
	s/c 23	-20413.1	2581.3	2893.8	-1106.6
	sc Max 23	-20413.1	2581.3	2893.8	-110.6
	sc Med 23	-20413.1	2581.3	2893.8	-38.8
Combinazioni Quasi Permanenti					
26601	Fl. 26	-21238.6	-2414.7	-2806.9	969.0
	s/c 26	-21238.6	-2414.7	-2806.9	-1068.3
	sc Max 26	-21238.6	-2414.7	-2806.9	-105.9
	sc Med 26	-21238.6	-2414.7	-2806.9	-37.5
26701	Fl. 26	-20238.6	2574.6	2880.9	1064.7
	s/c 26	-20238.6	2574.6	2880.9	-1102.2
	sc Max 26	-20238.6	2574.6	2880.9	-110.1
	sc Med 26	-20238.6	2574.6	2880.9	-38.6

▲Pilastro: 26701/26901 / L 3.75[m] / Sezione 6 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2brx4br/12.5° x 62.5/ø 10 2brx4br/15.0° x 250.0/ø 10 2brx4br/12.5° x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _{u2}	M _{u1}	α _{u2}	α _{u1}	Sd/sr
26701	1	-11877.9	-2152.6	-2316.5	1.00	1.00	0.24
26901	1	-10577.9	61.5	46.8	1.00	1.00	0.04

▲Verifiche a Taglio

Da	A	V _{ed}	V _{ed2}	V _{ed}	V _{ed2}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	5029.6	15754.8	4327.9	18233.1	ø 10 2brx4br /12.5°
0.75	3.25	5029.6	13129.0	4327.9	15194.2	ø 10 2brx4br /15.0°
3.25	3.88	5029.6	15754.8	4327.9	18233.1	ø 10 2brx4br /12.5°

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _{u2}	M _{u1}	σ
		[kg]	[kgm]	[kgm]	[kg/cm ²]
Combinazioni Rare					
26701	Fl. 20	-8946.6	-1570.6	-1708.9	740.3
	s/c 20	-8946.6	-1570.6	-1708.9	-639.8
	sc Max 20	-8946.6	-1570.6	-1708.9	-65.9
	sc Med 20	-8946.6	-1570.6	-1708.9	-22.7
26901	Fl. 21	-7575.5	42.9	34.2	-68.3
	s/c 20	-7946.6	45.8	34.2	-92.3
	sc Max 20	-7946.6	45.8	34.2	-6.5
	sc Med 20	-7946.6	45.8	34.2	-5.5
Combinazioni Frequenti					
26701	Fl. 24	-8171.7	-1364.6	-1522.2	644.5

Nodo	Comb	N	M _{u2}	M _{u1}	σ
		[kg]	[kgm]	[kgm]	[kg/cm ²]
26401	Fl. 26	-56880.6	-1683.6	-2377.9	122.2
	s/c 26	-56880.6	-1683.6	-2377.9	-1172.6
	sc Max 26	-56880.6	-1683.6	-2377.9	-99.2
	sc Med 26	-56880.6	-1683.6	-2377.9	-42.5
26501	Fl. 26	-55880.6	2131.6	2770.6	134.6
	s/c 26	-55880.6	2131.6	2770.6	-1258.2
	sc Max 26	-55880.6	2131.6	2770.6	-108.0
	sc Med 26	-55880.6	2131.6	2770.6	-44.2

▲Pilastro: 26501/26601 / L 3.75[m] / Sezione 4 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2brx4br/12.5° x 62.5/ø 10 2brx4br/15.0° x 250.0/ø 10 2brx4br/12.5° x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _{u2}	M _{u1}	α _{u2}	α _{u1}	Sd/sr
26501	1	-56830.0	-3542.6	-4161.0	1.00	1.00	0.44
26601	1	-55530.0	3386.8	4039.0	1.00	1.00	0.42

▲Verifiche a Taglio

Da	A	V _{ed}	V _{ed2}	V _{ed}	V _{ed2}	Staffe
[m]	[m]	[kg]	[kg]	[kg]	[kg]	
0.13	0.75	6272.3	15754.8	6489.6	18233.1	ø 10 2brx4br/12.5°
0.75	3.25	6272.3	13129.0	6489.6	15194.2	ø 10 2brx4br /15.0°
3.25	3.88	6272.3	15754.8	6489.6	18233.1	ø 10 2brx4br/12.5°

▲Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N	M _{u2}	M _{u1}	σ
		[kg]	[kgm]	[kgm]	[kg/cm ²]
Combinazioni Rare					
26501	Fl. 20	-42607.9	-2670.7	-3132.5	573.9
	s/c 20	-42607.9	-2670.7	-3132.5	-1309.8
	sc Max 20	-42607.9	-2670.7	-3132.5	-119.3
	sc Med 20	-42607.9	-2670.7	-3132.5	-44.5
26601	Fl. 20	-41607.9	2559.6	3044.0	546.1
	s/c 20	-41607.9	2559.6	3044.0	-1268.7
	sc Max 20	-41607.9	2559.6	3044.0	-115.5
	sc Med 20	-41607.9	2559.6	3044.0	-43.2
Combinazioni Frequenti					
26501	Fl. 23	-39494.7	-2502.9	-2931.6	546.4
	s/c 23	-39494.7	-2502.9	-2931.6	-1223.9
	sc Max 23	-39494.7	-2502.9	-2931.6	-111.6
	sc Med 23	-39494.7	-2502.9	-2931.6	-41.6
26601	Fl. 23	-38494.7	2414.8	2856.7	527.4
	s/c 23	-38494.7	2414.8	2856.7	-1188.9
	sc Max 23	-38494.7	2414.8	2856.7	-108.4
	sc Med 23	-38494.7	2414.8	2856.7	-40.5

Nodo	Comb	N	M _{u2}	M _{u1}	σ
26501	Fl. 26	-39027.2	-2450.2	-2885.4	531.6
	s/c 26	-39027.2	-2450.2	-2885.4	-1203.6
	sc Max 26	-39027.2	-2450.2	-2885.4	-109.7
	sc Med 26	-39027.2	-2450.2	-2885.4	-40.9
26601	Fl. 26	-38027.2	2358.1	2809.0	511.4
	s/c 26	-38027.2	2358.1	2809.0	-1167.7
	sc Max 26	-38027.2	2358.1	2809.0	-106.4
	sc Med 26	-38027.2	2358.1	2809.0	-39.8

Nodo	Comb	N	M _{u2}	M _{u1}	α _{u2}	α _{u1}	Sd/sr
26601	12	-25294.1	-3149.1	-4595.0	1.00	1.00	0.42
26701	12	-24294.1	3422.7	4794.4	1.00	1.00	0.45

▲Pilastro: 26601/26701 / L 3.75[m] / Sezione 5 B 25 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1422 x 4 V + 0412 x 2 B + 2422 x 2 H >

Staffe: ø 10 2brx4br/12.5° x 62.5/ø 10 2brx4br/15.0° x 250.0/ø 10 2brx4br/12.5° x 62.5

▲Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N	M _{u2}	M _{u1}	α _{u2}	α _{u1}	Sd/sr
26601	12	-25294.1	-3149.1	-4595.0	1.00	1.00	0.42
26701	12	-24294.1	3422.7	4794.4	1.00	1.00	0.45

Nodo	Comb	N [log]	M ₁ [kgm]	M ₂ [kgm]	σ [kg/cm²]
	s/c 24	-81717	-13646	-15222	-5654
	s/c Max 24	-81717	-13646	-15222	-582
	s/c Med 24	-81717	-13646	-15222	-201
26901	Fr. 24	-71717	408	310	-645
	s/c 23	-73584	416	314	-853
	s/c Max 23	-73584	416	314	-60
	s/c Med 23	-73584	416	314	-51
Combinazioni Quasi Permanenti					
26701	Fr. 26	-81717	-13646	-15222	6445
	s/c 26	-81717	-13646	-15222	-5654
	s/c Max 26	-81717	-13646	-15222	-582
	s/c Med 26	-81717	-13646	-15222	-201
26901	Fr. 26	-71717	408	310	-645
	s/c 26	-71717	408	310	-832
	s/c Max 26	-71717	408	310	-58
	s/c Med 26	-71717	408	310	-49

- [En.Ex.Sys. MinStrand](#)
- [Verifictie plusul](#)

9.4. Allegato A4 – Verifica Setti

9.4.1. Allegato A4 – 1 – Verifica Setti Zone Tipiche

▲En.Ex.Sys. WinStrand

▲Structural Analysis & Design

Ditta produttrice: <i>En.Ex.Sys. s.r.l. - Via Tizzano 46/2 - Casalecchio di Reno (Bologna)</i>
Segla: WinStrand
Piattaforma software: Microsoft Windows XP Home, Microsoft Windows XP Home Professional
Documentazione in uso: Manuale teorico - Manuale d'uso
Campo di applicazione: Analisi statica e dinamica di strutture in campo elastico lineare.

▲Elementi finiti implementati

- Truss.
- Beam (Modellazione di Travi e Pilastri).
- Travi su suolo elastico alla Winkler.
- Plinti su suolo elastico alla Winkler.
- Elementi Shear Wall per la modellazione di pareti di taglio.
- Elementi shell (lastra/pietra) equivalenti.
- Elementi Isoparametrici a 8 Nodi (lastra/pietra).

▲Schemi di Carico

- Carichi nodali concentrati.
- Carichi applicati direttamente agli elementi.
- Carichi Superficiali.

▲Tipo di Risoluzione

- Analisi statica e/o dinamica in campo lineare con il metodo dell'equilibrio.
- Fattorizzazione LDL'.
- Analisi Statica:

- modellazione generale 6 gradi di libertà per nodo.
- ipotesi di solai infinitamente rigidi nel proprio piano (3 gradi di libertà per nodo + 3 per impalcato).

- Analisi dinamica. (Nel caso di analisi modale gli autovettori ed autovalori possono essere calcolati mediante *subspace iteration* oppure tramite il *metodo dei vettori di Ritz*):

•

- Via statica equivalente.
- Modale con il metodo dello spettro di risposta.

▲Normativa di riferimento

La normativa italiana cui viene fatto riferimento nelle fasi di calcolo e progettazione è la seguente:

- Circolare del 2 Febbraio 2009, n. 617 "Istruzioni per l'applicazione delle "Norme tecniche per le costruzioni" di cui al D.M. 14 gennaio 2008"
- D.M. del 14 Gennaio 2008 "Approvazione delle nuove norme tecniche per le costruzioni"
- Ordinanza n. 3274 del 20 Marzo 2003. "Primi elementi in materia di criteri generali per la classificazione sismica del territorio nazionale e di normative tecniche per le costruzioni in zona sismica"
- Ordinanza n. 3316. "Modifiche ed integrazioni all'ordinanza del Presidente del Consiglio dei Ministri n. 3274 del 20 Marzo 2003"
- D.M. del 16 Gennaio 1996. "Norme tecniche relative ai «Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi»"
- D.M. del 16 Gennaio 1996. "Norme tecniche per le costruzioni in zone sismiche"
- D.M. del 9 Gennaio 1996. "Norme tecniche per il calcolo, l'esecuzione ed il collaudo delle strutture in cemento armato, normale e precompresso e per le strutture metalliche".
- D.M. del 14 Febbraio 1992. "Norme Tecniche per l'esecuzione delle opere in C.A. normale e precompresso e per le strutture metalliche".

- D.M. del 3 Ottobre 1978. "Criteri generali per la verifica della sicurezza delle costruzioni e dei carichi e sovraccarichi".
- D.M. del 3 Marzo 1975. "Disposizioni concernenti l'applicazione delle norme tecniche per le costruzioni in zone sismiche".
- D.M. del 3 Marzo 1975. "Approvazione delle norme tecniche per le costruzioni in zone sismiche".
- Legge n. 64 del 2 Febbraio 1974. "Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche".
- Legge n. 1086 del 5 Novembre 1971. "Norme per la disciplina delle opere di conglomerato cementizio armato, normale e precompresso, ed a struttura metallica".
- Istruzioni per la valutazione delle Azioni sulle Costruzioni. (C.N.R. 10012/85)

▲Verifiche setti in c.a.

▲Modalità di verifica

Le pareti in c.a. vengono verificate come setti/diaframmi o nuclei.

La verifica dei setti/diaframmi viene condotta a pressoflessione retta e a taglio. Viene calcolato lo sforzo normale medio agente sul setto e il momento ad esso associato. Quando previsto, sono introdotti ferri verticali aggiuntivi da disporsi sulle estremità del setto stesso.

La verifica dei nuclei viene condotta a pressoflessione deviata sulla sezione complessiva e a taglio sulle singole pareti costituenti il nucleo.

▲Sezioni Impiegate:

Sez. Num.	Info	Dimensioni	Criterio	Calcestruzzo	f_{ct} [kg/cm ²]	f_{ctd} [kg/cm ²]	σ_{smc} [kg/cm ²]	σ_{sr} [kg/cm ²]	Acciaio	f_{yk} [kg/cm ²]	f_{yk} [kg/cm ²]	σ_{smc} [kg/cm ²]	σ_{sr} [kg/cm ²]	Copiferi [cm]	
11	Muro p4-sp 30	s 30 [mm]	Verset	C35/45	350.0	198.3	210.0	350.0	157.5	B 450	45000	39130	3600.0	4500.0	3.00
21	Muro p1-sp 30	s 30 [mm]	Verset	C35/45	350.0	198.3	210.0	350.0	157.5	B 450	45000	39130	3600.0	4500.0	3.00
31	Muro p2-sp 30	s 30 [mm]	Verset	C35/45	350.0	198.3	210.0	350.0	157.5	B 450	45000	39130	3600.0	4500.0	3.00
41	Muro p3-sp 30	s 30 [mm]	Verset	C35/45	350.0	198.3	210.0	350.0	157.5	B 450	45000	39130	3600.0	4500.0	3.00
51	Muro p4-sp 30	s 30 [mm]	Verset	C35/45	350.0	198.3	210.0	350.0	157.5	B 450	45000	39130	3600.0	4500.0	3.00
61	Muro p5-sp 30	s 30 [mm]	Verset	C35/45	350.0	198.3	210.0	350.0	157.5	B 450	45000	39130	3600.0	4500.0	3.00

Taglio di progetto pari al taglio di calcolo

EC2. 4.3.2.4.4. Verifica a taglio con il metodo dell'inclinazione variabile del traliccio. $\cotg \theta = 1.00$

▲Verifiche Setti:

▲ANUCLEO 5 6 27 7 8 31 35 39 43 47 51 / Nodi: 5 6 27 7 8 31 35 39 43 47 51

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
5,6	12	50	50	30	2xø 20 15'	2xø 14 15'
5,27	12	50	50	30	2xø 20 15'	2xø 14 15'
6,7	12	50	50	30	2xø 20 15'	2xø 14 15'
7,8	12	50	50	30	2xø 20 15'	2xø 14 15'
27,31	12	50	50	30	2xø 20 15'	2xø 14 15'
31,35	11	50	50	30	2xø 20 20'	2xø 14 15'
35,39	11	50	50	30	2xø 20 20'	2xø 14 15'
39,43	11	50	50	30	2xø 20 20'	2xø 14 15'
43,47	12	50	50	30	2xø 20 15'	2xø 14 15'
47,51	12	50	50	30	2xø 20 15'	2xø 14 15'
Sezione	Comb.	N _u [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr	
Base	17	-288463.8	50512.1	-170741.9	0.34	
Sommità	17	-286760.3	43177.1	-144763.0	0.28	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-277527.9	71710.0	-47684.6	-34.6

sc Med		26	-277527,9	71710,0	-475846,6	-15,8
st		26	-277527,9	71710,0	-475846,6	179,1
sc		26	-277527,9	71710,0	-475846,6	-514,4
Sommitta						
sc Max		26	-277527,9	71710,0	-475846,6	-34,6
sc Med		26	-277527,9	71710,0	-475846,6	-15,8
st		26	-277527,9	71710,0	-475846,6	179,1
sc		26	-277527,9	71710,0	-475846,6	-514,4

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [cm]	V _{cc} [kg]	α	V _{cc} [kg]	N _{cc} [kg]	M _{cc} [kgm]	V _{cc} [kg]	V _{cc} [kg]	V _{cc, massimo} [kg]	S/R	
43-47-51	1,00	0,50	15	-4519,5	1,00	-4519,5	-82105,4	3115,5	129836,9	70114,6	190531,3	0,64
31-35-39-43	1,50	0,50	13	9164,1	1,00	9164,1	-97299,8	-15867,2	196763,2	106256,2	285006,9	0,09
5-27-31	1,00	0,50	1	40500,1	1,00	40500,1	63544,3	219,8	129836,9	70114,6	206754,0	0,58
5-6-7-8	1,50	0,50	16	28545,4	1,00	28545,4	-193554,5	-282511,3	196763,2	106256,2	117099,8	0,27

▲NUCLEO 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 _{cr} [kg]	M _{cr} [kgm]	M _{cr} [kgm]	Sd/sr
Base	17	-286185,5	42798,2	-1144746,1	0,28
Sommitta	17	-284118,8	35188,9	-119251,5	0,23

S.L.E.	Combinazione	N [kg]	M _{cr} [kgm]	M _{cr} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-275653,0	64210,9	-39743,2	-31,2
sc Med	26	-275653,0	64210,9	-39743,2	-15,0
st	26	-275653,0	64210,9	-39743,2	92,5
sc	26	-275653,0	64210,9	-39743,2	-463,6
Sommitta					
sc Max	26	-275653,0	64210,9	-39743,2	-31,2
sc Med	26	-275653,0	64210,9	-39743,2	-15,0
st	26	-275653,0	64210,9	-39743,2	92,5
sc	26	-275653,0	64210,9	-39743,2	-463,6

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{cr}	α	V _{cr}	N _{cr}	M _{cr}	V _{red}	V _{max}	V _{cr, massimo}	S/R
	[m]	[cm]	[m]	[kg]		[kg]	[kg]	[kgm]	[kg]	[kg]	[kg]	
449-453-457	1,00	0,50	15	-30690,0	1,00	-30690,0	-77152,3	2661,6	129836,9	70114,6	203561,0	0,44
437-441-445-449	1,50	0,50	18	16048,3	1,00	16048,3	-79523,4	-9434,7	196763,2	106256,2	271423,8	0,15
417-433-437	1,00	0,50	1	30967,4	1,00	30967,4	-67459,6	54,6	129836,9	70114,6	206754,0	0,44
417-418-419-420	1,50	0,50	17	40628,2	1,00	40628,2	-187940,2	-259322,0	196763,2	106256,2	134624,8	0,38

▲NUCLEO 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'
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 _{cr} [kg]	M _{cr} [kgm]	M _{cr} [kgm]	Sd/sr
Base	17	-284198,0	34657,2	-119368,2	0,23
Sommitta	17	-283203,1	27822,9	-92946,9	0,18

S.L.E.	Combinazione	N [kg]	M _{cr} [kgm]	M _{cr} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-273777,9	56711,5	-31801,6	-28,0
sc Med	26	-273777,9	56711,5	-31801,6	-14,3
st	24	-273777,9	56711,5	-31801,6	24,7
sc	26	-273777,9	56711,5	-31801,6	-417,0
Sommitta					
sc Max	26	-273777,9	56711,5	-31801,6	-28,0
sc Med	26	-273777,9	56711,5	-31801,6	-14,3
st	24	-273777,9	56711,5	-31801,6	24,7
sc	26	-273777,9	56711,5	-31801,6	-417,0

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [cm]	Comb. critica	V _{cr} [kg]	α	N _{cr} [kg]	M _{cr} [kgm]	V _{cr} [kg]	V _{cr} [kg]	V _{cr, massimo} [kg]	S/R	
594-598-603	1,00	0,50	15	-17486,7	1,00	-17486,7	-71998,2	2177,9	129836,9	70114,6	206754,1	0,25
582-586-590-594	1,50	0,50	18	21838,1	1,00	21838,1	-80594,9	-8337,6	196763,2	106256,2	271569,2	0,21
562-578-582	1,00	0,50	1	19078,1	1,00	19078,1	-71374,0	-110,6	129836,9	70114,6	206754,0	0,27
562-563-564-565	1,50	0,50	17	43993,7	1,00	43993,7	-169359,8	-228995,3	196763,2	106256,2	149509,8	0,41

▲NUCLEO 708 724 710 711 728 732 736 740 744 748 / 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 _{cr} [kg]	M _{cr} [kgm]	M _{cr} [kgm]	Sd/sr
Base	17	-283751,1	27038,5	-93047,5	0,18
Sommitta	1	-395403,9	64105,4	-24063,1	0,15

S.L.E.	Combinazione	N [kg]	M _{cr} [kgm]	M _{cr} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-271903,0	49212,4	-23899,7	-25,1

▲Armature Nucleo

Nodi	Sezione		B	H	Spessore	Armatura Verticale	Armatura Orizzontale
	Numero	cm					
998 999	12	50	50	30	2ø 20 15'	2ø ø 14 15'	
	12	50	50	30	2ø 20 15'	2ø ø 14 15'	
	12	50	50	30	2ø 20 15'	2ø ø 14 15'	
	12	50	50	30	2ø 20 15'	2ø ø 14 15'	
	12	50	50	30	2ø 20 15'	2ø ø 14 15'	
1019 1023	11	50	50	30	2ø 20 20'	2ø ø 14 15'	
	11	50	50	30	2ø 20 20'	2ø ø 14 15'	
	11	50	50	30	2ø 20 20'	2ø ø 14 15'	
	11	50	50	30	2ø 20 20'	2ø ø 14 15'	
	11	50	50	30	2ø 20 20'	2ø ø 14 15'	
1031 1035	12	50	50	30	2ø 20 15'	2ø ø 14 15'	
	12	50	50	30	2ø 20 15'	2ø ø 14 15'	
	12	50	50	30	2ø 20 15'	2ø ø 14 15'	
	12	50	50	30	2ø 20 15'	2ø ø 14 15'	
	12	50	50	30	2ø 20 15'	2ø ø 14 15'	

Sezione	Comb.	N _u [kg]	M _u [kgm]	M _{1u} [kgm]	Sd/Sr
Base	1	-3929664	51954.6	-12051.0	0.14
Sommità	1	-390528.9	39803.7	-40.5	0.13

S.L.E.	Combinazione	N [kg]	M _u [kgm]	M _{1u} [kgm]	σ [g/cm ²]	
Base	26	-268153.0	34213.9	-7976.7	-19.3	
	sc Max	26	-268153.0	34213.9	-7976.7	-13.8
	sc Med	24	-268153.0	34213.9	-7976.7	-13.7
	sc	26	-268153.0	34213.9	-7976.7	-288.4
	Sommità	26	-268153.0	34213.9	-7976.7	-19.3
sc Med	26	-268153.0	34213.9	-7976.7	-13.8	
	sc	24	-268153.0	34213.9	-7976.7	-13.7
	sc	26	-268153.0	34213.9	-7976.7	-288.4
	sc	26	-268153.0	34213.9	-7976.7	-13.7
	sc	26	-268153.0	34213.9	-7976.7	-288.4

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _u [kg]	α	N _u [kg]	M _{1u} [kgm]	V _u [kg]	V _u max/min [kg]	S/R		
1031-1035-1039	1.00	0.50	18	9281.8	1.00	9281.8	-31753.6	-1707.6	129836.9	70114.6	19982.9	0.13
1019-1023-1027-1031	1.50	0.50	19	24566.2	1.00	24566.2	-81873.5	-2693.8	196763.2	106256.2	260754.0	0.23
998-1015-1019	1.00	0.50	13	11819.9	1.00	11819.9	89992.2	-2517.5	129836.9	70114.6	206754.0	0.17
998-999-1001-1002	1.50	0.50	17	44793.1	1.00	44793.1	-112714.9	-135933.1	196763.2	106256.2	235558.1	0.42

▲NUCLEO 1144 1145 1160 1166 1147 1164 1168 1172 1176 1180 1184 / Nodi: 1144 1145 1160 1146 1147 1164 1168 1172 1176 1180 1184

▲Armature Nucleo

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

Sezione	Comb.	N _u [kg]	M _{1u} [kgm]	M _{1u} [kgm]	Sd/Sr
Base	1	-390528.9	39803.7	-39.8	0.13
Sommità	1	-388091.4	27652.8	11970.1	0.13

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
	sc Max	26	-266277.9	26714.6	-34.6
					-16.4

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
6466 6470	22	50	50	30	2x ø 20 15'	2x ø 12 20'
	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'
	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'
	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'
	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'
	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'
	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'
	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'
	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'
	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'
	22	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	-337430.4	17841.0	19641.5	0.13
Sommità	1	-334992.8	155316.4	17096.3	0.13

S.L.E.	Combinazione	N [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm ²]	
Base	26	-230508.1	8357.9	12851.1	-17.3	
	sc Max	-230508.1	8357.9	12851.1	-17.3	
	sc Med	26	-230508.1	8357.9	12851.1	-12.2
	sc	24	-230508.1	8357.9	12851.1	-146.5
Sommità	26	-230508.1	8357.9	12851.1	-259.2	
	sc Max	-230508.1	8357.9	12851.1	-17.3	
	sc Med	26	-230508.1	8357.9	12851.1	-12.2
	sc	24	-230508.1	8357.9	12851.1	-146.5
	26	-230508.1	8357.9	12851.1	-259.2	

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb. critica	V _u [kg]	α	N _u [kg]	M _u [kgm]	V _u [kg]	V _{u, massimo} [kg]	S/R
6604-6608-6612	1.00	0.50	15	-11491.2	1.00	-11491.2	-55777.0	863.8	128836.9	38634.6
7800-8474-6599-6604	1.50	0.50	18	7573.3	1.00	7573.3	-80277.2	-6162.1	196763.2	58549.4
6466-7141-7800	1.00	0.50	13	9170.6	1.00	9170.6	-83636.9	-2488.7	129836.9	38634.6
6466-6470-6474-6481	1.50	0.50	13	-4529.4	1.00	-4529.4	-56578.8	-36979.2	196763.2	58549.4

▲NUCLEO 1435 1436 1451 1437 1438 1455 1459 1463 1467 1471 1475 / Nodi: 1435 1436 1451 1437 1438 1455 1459 1463 1467 1471 1475

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
1435 1436	22	50	50	30	2x ø 20 15'	2x ø 12 20'
	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1435 1451	22	50	50	30	2x ø 20 15'	2x ø 12 20'
	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1436 1437	22	50	50	30	2x ø 20 15'	2x ø 12 20'
	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1437 1438	22	50	50	30	2x ø 20 15'	2x ø 12 20'
	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1451 1455	22	50	50	30	2x ø 20 15'	2x ø 12 20'
	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1455 1459	21	50	50	30	2x ø 14 20'	2x ø 12 20'
	21	50	50	30	2x ø 14 20'	2x ø 12 20'
1459 1463	21	50	50	30	2x ø 14 20'	2x ø 12 20'
	21	50	50	30	2x ø 14 20'	2x ø 12 20'
1463 1467	21	50	50	30	2x ø 14 20'	2x ø 12 20'
	21	50	50	30	2x ø 14 20'	2x ø 12 20'
1467 1471	22	50	50	30	2x ø 20 15'	2x ø 12 20'
	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1471 1475	22	50	50	30	2x ø 20 15'	2x ø 12 20'
	22	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	-334992.8	155316.3	17096.9	0.13
Sommità	1	-332555.4	13231.7	14550.2	0.12

S.L.E.	Combinazione	N [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm²]
Base					
sc Max	26	-228633.1	75263.3	11181.0	-16.5

sc Med	26	-266277.9	26714.6	-34.6	-13.7
st	24	-266277.9	26714.6	-34.6	-160.8
sc	26	-266277.9	26714.6	-34.6	-245.6
Sommità					
sc Max	26	-266277.9	26714.6	-34.6	-16.4
sc Med	26	-266277.9	26714.6	-34.6	-13.7
st	24	-266277.9	26714.6	-34.6	-160.8
sc	26	-266277.9	26714.6	-34.6	-245.6

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb. critica	V _u [kg]	α	N _u [kg]	M _u [kgm]	V _u [kg]	V _{u, massimo} [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
1164-1168-1172-1176	1.50	0.50	19	12851.8	1.00	12851.8	86395.2	-2783.0	196763.2	106256.2
1144-1160-1164	1.00	0.50	13	10444.9	1.00	10444.9	80872.2	-1944.5	129836.9	70114.6
1144-1145-1146-1147	1.50	0.50	17	44003.9	1.00	44003.9	93864.8	-105221.0	196763.2	106256.2

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

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
1289 1290	12	50	50	30	2x ø 20 15'	2x ø 14 15'
	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'
	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'
	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'
	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'
	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'
	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'
	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'
	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'
	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'
	12	50	50	30	2x ø 20 15'	2x ø 14 15'

Sezione	Comb.	N _u [kg]	M _u [kgm]	M _u [kgm]	Sd/sr
Base	1	-388091.4	27652.8	11970.3	0.13
Sommità	1	-385653.9	15501.9	23880.6	0.15

S.L.E.	Combinazione	N [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm²]
Base					
sc Max	26	-264403.0	19215.4	7907.3	-16.2
sc Med	26	-264403.0	19215.4	7907.3	-13.6
st	24	-264403.0	19215.4	7907.3	-182.4
sc	26	-264403.0	19215.4	7907.3	-243.0
Sommità					
sc Max	26	-264403.0	19215.4	7907.3	-16.2
sc Med	26	-264403.0	19215.4	7907.3	-13.6
st	24	-264403.0	19215.4	7907.3	-182.4
sc	26	-264403.0	19215.4	7907.3	-243.0

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb. critica	V _u [kg]	α	N _u [kg]	M _u [kgm]	V _u [kg]	V _{u, massimo} [kg]	S/R
1322-1326-1330	1.00	0.50	18	15704.1	1.00	15704.1	-42357.9	-11325.5	129836.9	70114.6
1310-1314-1318-1322	1.50	0.50	19	21274.1	1.00	21274.1	90682.9	-2985.8	196763.2	106256.2
1289-1306-1310	1.00	0.50	16	10224.1	1.00	10224.1	-53104.6	-19.7	129836.9	70114.6
1289-1290-1291-1292	1.50	0.50	17	43387.7	1.00	43387.7	-75170.6	-74034.5	196763.2	106256.2

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

sc Med	26	-2286331	75263	111810	-1211
st	24	-2286331	75263	111810	-1502
sc	26	-2286331	75263	111810	-2477
Sommita					
sc Max	26	-2286331	75263	111810	-165
sc Med	26	-2286331	75263	111810	-121
st	24	-2286331	75263	111810	-1502
sc	26	-2286331	75263	111810	-2477

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _α	α	N _u	M _u	M _u	V _α	V _α	V _{lim}	S/R
	[m]	[m]		[kg]		[kg]	[kgm]	[kgm]	[kg]	[kg]	[kg]	
1467-1471-1475	1.00	0.50	15	-7623.7	1.00	-7623.7	-52638.5	-6952	1298369	386346	0.0	0.20
1465-1459-1463-1467	1.50	0.50	18	8496.0	1.00	8496.0	-79160.7	-52009	1967632	58549.4	0.0	0.15
1435-1451-1455	1.00	0.50	13	7753.2	1.00	7753.2	-77095.3	-20622	1298369	386346	0.0	0.20
1435-1436-1437-1438	1.50	0.50	13	-6704.0	1.00	-6704.0	-59460.4	-44061.4	1967632	58549.4	0.0	0.11

▲NUCLEO 1584 1585 1601 1586 1587 1605 1609 1613 1617 1621 1625 / Nodi: 1584 1585 1601 1586 1587 1605 1609 1613 1617 1621 1625

▲Armature Nucleo

Nodi	Sezione	B	H	Spessore	Armatura Verticale	Armatura Orizzontale
	Numero	[m]	[m]	[cm]	[cm]	[cm]
1584 1585	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1584 1601	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1585 1586	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1586 1587	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1601 1605	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1605 1609	21	50	50	30	2x ø 14 20'	2x ø 12 20'
1609 1613	21	50	50	30	2x ø 14 20'	2x ø 12 20'
1613 1617	21	50	50	30	2x ø 14 20'	2x ø 12 20'
1617 1621	22	50	50	30	2x ø 20 15'	2x ø 12 20'
1621 1625	22	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	-332555.4	12431.8	14550.8	0.12
Sommita	1	-330117.9	10927.1	12004.9	0.12

S.L.E.	Combinazione	N	M _u	M _u	σ
		[kg]	[kgm]	[kgm]	[kg/cm²]
Base					
sc Max	26	-226758.2	6695.0	9509.8	-15.8
sc Med	26	-226758.2	6695.0	9509.8	-12.0
st	24	-226758.2	6695.0	9509.8	-13.9
sc	26	-226758.2	6695.0	9509.8	-236.2
Sommita					
sc Max	26	-226758.2	6695.0	9509.8	-15.8
sc Med	26	-226758.2	6695.0	9509.8	-12.0
st	24	-226758.2	6695.0	9509.8	-13.9
sc	26	-226758.2	6695.0	9509.8	-236.2

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _α	α	N _u	M _u	M _u	V _α	V _α	V _{lim}	S/R
	[m]	[m]		[kg]		[kg]	[kgm]	[kgm]	[kg]	[kg]	[kg]	
1617-1621-1625	1.00	0.50	15	-4707.2	1.00	-4707.2	-49568.3	-5311	1298369	386346	0.0	0.12
1605-1609-1613-1617	1.50	0.50	18	9344.4	1.00	9344.4	-77966.5	-42547	1967632	58549.4	0.0	0.16
1584-1601-1605	1.00	0.50	13	7025.7	1.00	7025.7	-70675.4	-1661.9	1298369	386346	0.0	0.18
1584-1585-1586-1587	1.50	0.50	13	-7964.5	1.00	-7964.5	-61629.0	-50117.4	1967632	58549.4	0.0	0.14

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

▲Armature Nucleo

Nodi	Sezione	B	H	Spessore	Armatura Verticale	Armatura Orizzontale
	Numero	[m]	[m]	[cm]	[cm]	[cm]
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 _u	M _u	Sd/sr
		[kg]	[kgm]	[kgm]	
Base	1	-330117.9	10927.1	12004.4	0.12
Sommita	1	-327680.4	8622.4	9459.5	0.12

S.L.E.	Combinazione	N	M _u	M _u	σ
		[kg]	[kgm]	[kgm]	[kg/cm²]
Base					
sc Max	26	-224883.1	5863.5	7838.8	-15.0
sc Med	26	-224883.1	5863.5	7838.8	-11.9
st	24	-224883.1	5863.5	7838.8	-157.6
sc	26	-224883.1	5863.5	7838.8	-224.7
Sommita					
sc Max	26	-224883.1	5863.5	7838.8	-15.0
sc Med	26	-224883.1	5863.5	7838.8	-11.9
st	24	-224883.1	5863.5	7838.8	-157.6
sc	26	-224883.1	5863.5	7838.8	-224.7

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _α	α	N _u	M _u	M _u	V _α	V _α	V _{lim}	S/R
	[m]	[m]		[kg]		[kg]	[kgm]	[kgm]	[kg]	[kg]	[kg]	
1766-1770-1774	1.00	0.50	15	-3613.3	1.00	-3613.3	-46729.0	-963.4	1298369	386346	0.0	0.09
1754-1758-1762-1766	1.50	0.50	18	9581.0	1.00	9581.0	-76645.7	-3286.4	1967632	58549.4	0.0	0.16
1734-1750-1754	1.00	0.50	13	6690.4	1.00	6690.4	-63798.5	-1242.0	1298369	386346	0.0	0.17
1734-1735-1736-1737	1.50	0.50	13	-8502.5	1.00	-8502.5	-63904.9	-56524.2	1967632	58549.4	0.0	0.15

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

▲Armature Nucleo

Nodi	Sezione	B	H	Spessore	Armatura Verticale	Armatura Orizzontale
	Numero	[m]	[m]	[cm]	[cm]	[cm]
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'
1899 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 _u	M _u	Sd/sr
		[kg]	[kgm]	[kgm]	
Base	1	-327680.4	8622.5	9458.9	0.12
Sommita	1	-325242.9	6317.8	6914.2	0.11

S.L.E.	Combinazione	N	M _u	M _u	σ
		[kg]	[kgm]	[kgm]	[kg/cm²]
Base					
sc Max	26	-223088.2	5932.0	6167.7	-14.2

sc Med	26	-223008.2	5032.0	6167.7	-11.8
st	24	-223008.2	5032.0	6167.7	-161.3
sc	26	-223008.2	5032.0	6167.7	-213.2
Sommita					
sc Max	26	-223008.2	5032.0	6167.7	-14.2
sc Med	26	-223008.2	5032.0	6167.7	-11.8
st	24	-223008.2	5032.0	6167.7	-161.3
sc	26	-223008.2	5032.0	6167.7	-213.2

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{cr}	α	V _{cr}	N _{cr}	M _{cr}	V _{cr}	V _{cr}	V _{cr,limite}	S/R
	m	m		[cm]		[kg]	[kg]	[kgm]	[kg]	[kg]	[kg]	
1916-1920-1924	1.00	0.50	18	37 225	1.00	37 225	-40 825	-683,3	129 836,9	38 634,6	0,0	0,10
1904-1908-1912-1916	1.50	0.50	18	9 503,6	1.00	9 503,6	-75 497,4	-2 306,1	196 763,2	58 549,4	0,0	0,16
1883-1899-1904	1.00	0.50	13	6 298,2	1.00	6 298,2	-56 800,7	-7 944,1	129 836,9	38 634,6	0,0	0,16
1883-1884-1885-1886	1.50	0.50	13	84 999,9	1.00	-84 999,9	-66 869,8	-63 928,9	196 763,2	58 549,4	0,0	0,15

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

▲Armature Nucleo

Nodi	Sezione	B	H	Spessore	Armatura Verticale	Armatura Orizzontale
Numero	[cm]	critica	[cm]	[cm]		
2033-2034	22	50	50	30	2x ø 20.15'	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	22	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 _{cr} [kg]	M _{cr} [kgm]	M _{cr} [kgm]	Sd/sr
Base	1	-325242.9	6317.8	6913.7	0.11
Sommita	1	-322805.4	4013.2	4367.2	0.11

S.L.E.	Combinazione	N [kg]	M _{cr} [kgm]	M _{cr} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-221133.2	4200.6	4497.4	-13.4
sc Med	26	-221133.2	4200.6	4497.4	-11.7
st	24	-221133.2	4200.6	4497.4	-165.0
sc	26	-221133.2	4200.6	4497.4	-201.7
Sommita					
sc Max	26	-221133.2	4200.6	4497.4	-13.4
sc Med	26	-221133.2	4200.6	4497.4	-11.7
st	24	-221133.2	4200.6	4497.4	-165.0
sc	26	-221133.2	4200.6	4497.4	-201.7

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{cr} [kg]	α	V _{cr} [kg]	N _{cr} [kgm]	M _{cr} [kgm]	V _{cr} [kg]	V _{cr,limite} [kg]	S/R	
2065-2069-2073	1.00	0.50	18	4985.4	1.00	4985.4	-43393.1	-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	-74427.9	-1400.7	196763.2	58549.4	0.0	0.15
2033-2049-2053	1.00	0.50	13	5603.5	1.00	5603.5	-51287.6	-426.2	129836.9	38634.6	0.0	0.15
2033-2034-2035-2036	1.50	0.50	13	-7933.0	1.00	-7933.0	-69338.3	-69968.7	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]	[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 _{cr} [kg]	M _{cr} [kgm]	M _{cr} [kgm]	Sd/sr
Base	1	-322805.4	4013.2	4367.2	0.11
Sommita	1	-320367.9	1708.5	1821.8	0.10

S.L.E.	Combinazione	N [kg]	M _{cr} [kgm]	M _{cr} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-219258.2	3369.1	2827.2	-12.7
sc Med	26	-219258.2	3369.1	2827.2	-11.6
st	24	-219258.2	3369.1	2827.2	-168.6
sc	26	-219258.2	3369.1	2827.2	-190.2
Sommita					
sc Max	26	-219258.2	3369.1	2827.2	-12.7
sc Med	26	-219258.2	3369.1	2827.2	-11.6
st	24	-219258.2	3369.1	2827.2	-168.6
sc	26	-219258.2	3369.1	2827.2	-190.2

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{cr}	α	V _{kg}	N _{kg}	M _{kg}	V _{cr}	V _{cr}	V _{kg,limite}	S/R
(mm)	(mm)	(mm)		[cm]		[kg]	[kg]	[kgm]	[kg]	[kg]	[kg]	
2215-2219-2223	1.00	0.50	18	8102.1	1.00	8102.1	-46595.5	-147.9	129836.9	38634.6	0.0	0.21
2209-2207-2211-2215	1.50	0.50	13	7704.2	1.00	7704.2	-66342.4	-279.0	196763.2	58549.4	0.0	0.13
2182-2198-2203	1.00	0.50	16	-5045.7	1.00	-5045.7	-47072.2	-239.3	129836.9	38634.6	0.0	0.13
2182-2183-2184-2185	1.50	0.50	13	-6487.3	1.00	-6487.3	-71372.4	-75518.6	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]	[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 _{cr} [kg]	M _{cr} [kgm]	M _{cr} [kgm]	Sd/sr
Base	1	-320367.9	1708.4	1822.9	0.10
Sommita	1	-317930.4	-596.1	-723.0	0.10

S.L.E.	Combinazione	N [kg]	M _{cr} [kgm]	M _{cr} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-217383.2	2537.6	1156.4	-11.9

sc Med	26	-217383.2	2537.6	1156.4	-11.5
st	24	-217383.2	2537.6	1156.4	-170.1
sc	26	-217383.2	2537.6	1156.4	-178.8
Sommità					
sc Max	26	-217383.2	2537.6	1156.4	-11.9
sc Med	26	-217383.2	2537.6	1156.4	-11.5
st	24	-217383.2	2537.6	1156.4	-170.1
sc	26	-217383.2	2537.6	1156.4	-178.8

▲ Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _α	α	N _α	M _α	V _α	V _α max/min	S/R
	[m]	[m]	[critica]	[kg]		[kg]	[kgm]	[kg]	[kg]	
2362-2368-2372	1.00	0.50	18	12020.3	1.00	12020.3	-50001.8	133.9	129836.9	38634.6
2352-2356-2360-2364	1.50	0.50	16	-6818.7	1.00	-6818.7	-69955.8	-1452.2	196763.2	58549.4
2332-2348-2352	1.00	0.50	16	-6041.8	1.00	-6041.8	-50602.9	-528.4	129836.9	38634.6
2332-2333-2334-2335	1.50	0.50	16	4979.0	1.00	4979.0	-55815.3	-52477.3	196763.2	58549.4

▲ NUCLEO 6566 6570 7241 6574 6581 6591 6595 6499 6504 6508 6512 / Nodi: 6566 6570 7241 6574 6581 6591 6595 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'
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	Comb.	N _α	M _α	M _α	Sd/sr
		[kg]	[kgm]	[kgm]	
Base	13	-182506.8	37418.6	24628.1	0.09
Sommità	1	-257959.6	21589.2	2345.1	0.09

S.L.E.	Combinazione	N	M _α	M _α	σ
		[kg]	[kgm]	[kgm]	[kg/cm²]
Base					
sc Max	26	-177257.2	15097.6	1885.6	-10.5
sc Med	26	-177257.2	15097.6	1885.6	-9.4
st	24	-177257.2	15097.6	1885.6	-119.2
sc	26	-177257.2	15097.6	1885.6	-156.5
Sommità					
sc Max	26	-177257.2	15097.6	1885.6	-10.5
sc Med	26	-177257.2	15097.6	1885.6	-9.4
st	24	-177257.2	15097.6	1885.6	-119.2
sc	26	-177257.2	15097.6	1885.6	-156.5

▲ Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _α	α	N _α	M _α	V _α	V _α max/min	S/R
	[m]	[m]	[critica]	[kg]		[kg]	[kgm]	[kg]	[kg]	
6504-6508-6512	1.00	0.50	15	-7870.4	1.00	-7870.4	-36963.8	-387.7	129836.9	38634.6
6591-6595-6499-6504	1.50	0.50	18	5852.6	1.00	5852.6	-58826.6	-3396.6	196763.2	58549.4
6566-7241-6591	1.00	0.50	13	6778.4	1.00	6778.4	-59547.9	-15489.3	129836.9	38634.6
6566-6570-6574-6581	1.50	0.50	16	7816.0	1.00	7816.0	-64471.0	-77908.9	196763.2	58549.4

▲ NUCLEO 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	B	H	Spessore	Armatura Verticale	Armatura Orizzontale
	Numero	[cm]	[cm]	[cm]		
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'
2502-2506	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 _α	M _α	M _α	Sd/sr
		[kg]	[kgm]	[kgm]	
Base	1	-257959.6	21589.2	2345.1	0.09
Sommità	1	-255522.1	16342.3	1711.1	0.08

S.L.E.	Combinazione	N	M _α	M _α	σ
		[kg]	[kgm]	[kgm]	[kg/cm²]
Base					
sc Max	26	-175382.2	12241.0	1475.9	-10.2
sc Med	26	-175382.2	12241.0	1475.9	-9.3
st	24	-175382.2	12241.0	1475.9	-121.7
sc	26	-175382.2	12241.0	1475.9	-152.3
Sommità					
sc Max	26	-175382.2	12241.0	1475.9	-10.2
sc Med	26	-175382.2	12241.0	1475.9	-9.3
st	24	-175382.2	12241.0	1475.9	-121.7
sc	26	-175382.2	12241.0	1475.9	-152.3

▲ Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _α	α	N _α	M _α	V _α	V _α max/min	S/R
	[m]	[m]	[critica]	[kg]		[kg]	[kgm]	[kg]	[kg]	
2514-2518-2522	1.00	0.50	18	6804.9	1.00	6804.9	-27314.8	-7597.7	129836.9	38634.6
2502-2506-2510-2514	1.50	0.50	18	7966.4	1.00	7966.4	-58064.7	-2563.9	196763.2	58549.4
2481-2497-2502	1.00	0.50	13	5729.5	1.00	5729.5	-53952.9	-1210.4	129836.9	38634.6
2481-2482-2483-2484	1.50	0.50	16	7530.1	1.00	7530.1	-60857.9	-71646.1	196763.2	58549.4

▲ NUCLEO 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	B	H	Spessore	Armatura Verticale	Armatura Orizzontale
	Numero	[cm]	[cm]	[cm]		
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 _α	M _α	M _α	Sd/sr
		[kg]	[kgm]	[kgm]	
Base	1	-255522.1	16342.3	1711.3	0.08
Sommità	1	-253084.6	11095.5	1077.8	0.08

S.L.E.	Combinazione	N	M _α	M _α	σ
		[kg]	[kgm]	[kgm]	[kg/cm²]
Base					
sc Max	26	-173507.2	9384.4	1066.7	-9.9

sc Med	26	-173507.2	9384.4	1066.7	-9.2
st	24	-173507.2	9384.4	1066.7	-124.3
sc	26	-173507.2	9384.4	1066.7	-148.1
Sommita					
sc Max	26	-173507.2	9384.4	1066.7	-9.9
sc Med	26	-173507.2	9384.4	1066.7	-9.2
st	24	-173507.2	9384.4	1066.7	-124.3
sc	26	-173507.2	9384.4	1066.7	-148.1

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _α [kg]	α[°]	N _α [kg]	M _α [kgm]	V _α [kg]	V _α [kg]	V _α [kg]	V _α [kg]	S/R
2652-2657-2671	1.00	0.50	18	5031.1	1.00	5031.1	-36529.8	-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	-48069.8	-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	-57269.0	-65241.4	196763.2	58549.4	0.0	0.13

▲NUCLEO 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 [m]	H [m]	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'

Sezione	Comb.	M _α [kg]	N _α [kg]	M _α [kgm]	Sd/sr
Base	1	-253084.6	11095.5	5848.8	4077.0
Sommita	1	-250647.1	5848.8	442.9	0.08

S.L.E.	Combinazione	N [kg]	M _α [kgm]	M _α [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-171632.2	6527.7	658.1	-9.6
sc Med	26	-171632.2	6527.7	658.1	-9.1
st	24	-171632.2	6527.7	658.1	-126.8
sc	26	-171632.2	6527.7	658.1	-143.8
Sommita					
sc Max	26	-171632.2	6527.7	658.1	-9.6
sc Med	26	-171632.2	6527.7	658.1	-9.1
st	24	-171632.2	6527.7	658.1	-126.8
sc	26	-171632.2	6527.7	658.1	-143.8

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _α [kg]	α[°]	N _α [kg]	M _α [kgm]	V _α [kg]	V _α [kg]	V _α [kg]	V _α [kg]	S/R
2813-2817-2821	1.00	0.50	18	4336.6	1.00	4336.6	-34011.4	-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	-56576.9	-894.0	196763.2	58549.4	0.0	0.18
2780-2796-2801	1.00	0.50	13	5300.8	1.00	5300.8	-41783.1	-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	-54886.4	-58388.5	196763.2	58549.4	0.0	0.14

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

▲Armature Nucleo

Nodi	Sezione Numero	B [m]	H [m]	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 _α [kg]	M _α [kgm]	M _α [kgm]	Sd/sr
Base	1	-250647.1	5848.7	443.2	0.08
Sommita	1	-248209.5	601.9	-190.5	0.08

S.L.E.	Combinazione	N [kg]	M _α [kgm]	M _α [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-169757.1	3671.0	249.2	-9.3
sc Med	26	-169757.1	3671.0	249.2	-9.0
st	24	-169757.1	3671.0	249.2	-129.3
sc	26	-169757.1	3671.0	249.2	-139.6
Sommita					
sc Max	26	-169757.1	3671.0	249.2	-9.3
sc Med	26	-169757.1	3671.0	249.2	-9.0
st	24	-169757.1	3671.0	249.2	-129.3
sc	26	-169757.1	3671.0	249.2	-139.6

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _α [kg]	α[°]	N _α [kg]	M _α [kgm]	V _α [kg]	V _α [kg]	V _α [kg]	V _α [kg]	S/R
2962-2966-2970	1.00	0.50	18	4544.2	1.00	4544.2	-37539.9	-20.8	129836.9	38634.6	0.0	0.12
2950-2954-2958-2962	1.50	0.50	18	10809.9	1.00	10809.9	-55841.1	70.3	196763.2	58549.4	0.0	0.18
2930-2946-2950	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	-48619.5	-51195.3	196763.2	58549.4	0.0	0.13

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

▲Armature Nucleo

Nodi	Sezione Numero	B [m]	H [m]	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 _α [kg]	M _α [kgm]	M _α [kgm]	Sd/sr
Base	1	-248209.6	601.9	-190.1	0.08
Sommita	1	-245772.1	-4644.9	-824.4	0.08

S.L.E.	Combinazione	N [kg]	M _α [kgm]	M _α [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-167882.1	814.3	-160.3	-9.0

▲Armature Nucleo

Nodi	Sezione 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'
3384-3398	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 _u [kg]	M _{1u} [kgm]	M _{1s} [kgm]	Sd/sr
Base	1	-243334.6	-9891.7	-14582	0.08
Sommità	1	-240897.1	-15138.5	-2092.7	0.08

S.L.E.	Combinazione	N [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-164132.2	-4898.9	-979.5	-9.1
sc Med	26	-164132.2	-4898.9	-979.5	-8.7
st	24	-164132.2	-4898.9	-979.5	-126.9
sc	26	-164132.2	-4898.9	-979.5	-137.0
Sommità					
sc Max	26	-164132.2	-4898.9	-979.5	-9.1
sc Med	26	-164132.2	-4898.9	-979.5	-8.7
st	24	-164132.2	-4898.9	-979.5	-126.9
sc	26	-164132.2	-4898.9	-979.5	-137.0

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _u critica [kg]	α	N _u [kg]	M _{1u} [kgm]	V _{u,sc} [kg]	V _{u,sc} [kg]	V _{u,sc,max} S/R [kg]
3411-3415-3419	1.00	0.50	18	13369.9	1.00	13369.9	-47248.0	7721	129836.9	38634.6
3398-3403-3407-3411	1.50	0.50	18	5626.6	1.00	5626.6	-53500.3	2658	196763.2	58549.4
3378-3394-3398	1.00	0.50	16	-4020.0	1.00	-4020.0	-43734.3	-752.4	129836.9	38634.6
3378-3379-3380-3381	1.50	0.50	16	8908.3	1.00	8908.3	-39145.9	-329.25	196763.2	58549.4

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

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
6666 6670	42	50	50	30	2x ø 20 15'	2x ø 12 20'
6666 7341	42	50	50	30	2x ø 20 15'	2x ø 12 20'
6670 6674	42	50	50	30	2x ø 20 15'	2x ø 12 20'
6674 6681	42	50	50	30	2x ø 20 15'	2x ø 12 20'
7341 6291	42	50	50	30	2x ø 20 15'	2x ø 12 20'
6291 6295	41	50	50	30	2x ø 14 20'	2x ø 12 20'
6295 6299	41	50	50	30	2x ø 14 20'	2x ø 12 20'
6299 6304	41	50	50	30	2x ø 14 20'	2x ø 12 20'
6304 6308	42	50	50	30	2x ø 20 15'	2x ø 12 20'
6308 6312	42	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _u [kg]	M _{1u} [kgm]	M _{1s} [kgm]	Sd/sr
Base	13	-123822.6	20566.0	21227.0	0.07
Sommità	1	-175779.9	19819.7	5063.9	0.06

S.L.E.	Combinazione	N [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-120598.6	15323.3	4470.5	-7.8

sc Med	26	-167882.1	814.3	-160.3	-8.9
st	24	-167882.1	814.3	-160.3	-131.9
sc	26	-167882.1	814.3	-160.3	-135.4
Sommità					
sc Max	26	-167882.1	814.3	-160.3	-9.0
sc Med	26	-167882.1	814.3	-160.3	-8.9
st	24	-167882.1	814.3	-160.3	-131.9
sc	26	-167882.1	814.3	-160.3	-135.4

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _u critica [kg]	α	N _u [kg]	M _{1u} [kgm]	V _{u,sc} [kg]	V _{u,sc} [kg]	V _{u,sc,max} S/R [kg]
3112-3116-3120	1.00	0.50	18	5922.8	1.00	5922.8	-46857.8	258.1	129836.9	38634.6
3099-3104-3108-3112	1.50	0.50	18	10110.2	1.00	10110.2	-55379.1	871.1	196763.2	58549.4
3079-3095-3099	1.00	0.50	13	4461.2	1.00	4461.2	-30145.0	285.8	129836.9	38634.6
3079-3080-3081-3082	1.50	0.50	16	7729.1	1.00	7729.1	-46263.3	-45571.8	196763.2	58549.4

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

▲Armature 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 _{1u} [kgm]	M _{1s} [kgm]	Sd/sr
Base	1	-245772.1	-4644.9	-824.4	0.08
Sommità	1	-243334.6	-9891.7	-1459.0	0.08

S.L.E.	Combinazione	N [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-166007.2	-2042.3	-570.3	-9.0
sc Med	26	-166007.2	-2042.3	-570.3	-8.8
st	24	-166007.2	-2042.3	-570.3	-129.6
sc	26	-166007.2	-2042.3	-570.3	-134.6
Sommità					
sc Max	26	-166007.2	-2042.3	-570.3	-9.0
sc Med	26	-166007.2	-2042.3	-570.3	-8.8
st	24	-166007.2	-2042.3	-570.3	-129.6
sc	26	-166007.2	-2042.3	-570.3	-134.6

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _u critica [kg]	α	N _u [kg]	M _{1u} [kgm]	V _{u,sc} [kg]	V _{u,sc} [kg]	V _{u,sc,max} S/R [kg]
3261-3265-3269	1.00	0.50	18	9343.1	1.00	9343.1	-43978.3	502.2	129836.9	38634.6
3249-3253-3257-3261	1.50	0.50	18	7923.9	1.00	7923.9	-54518.1	1694.9	196763.2	58549.4
3229-3245-3249	1.00	0.50	13	3613.4	1.00	3613.4	-24603.0	631.0	129836.9	38634.6
3229-3230-3231-3232	1.50	0.50	16	7717.0	1.00	7717.0	-42711.9	-39393.7	196763.2	58549.4

▲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	Sezione	Numero	B [cm]	H [cm]	Spessore [cm]	Armatura		Orientazione
						Verticale	Orizzontale	
36773678	42	50	50	30	30	2xø 20 15'	2xø 12 20'	
						2xø 20 15'	2xø 12 20'	
						2xø 20 15'	2xø 12 20'	
						2xø 20 15'	2xø 12 20'	
36773693	42	50	50	30	30	2xø 20 15'	2xø 12 20'	
						2xø 20 15'	2xø 12 20'	
						2xø 20 15'	2xø 12 20'	
						2xø 20 15'	2xø 12 20'	
36783679	42	50	50	30	30	2xø 20 15'	2xø 12 20'	
						2xø 20 15'	2xø 12 20'	
						2xø 20 15'	2xø 12 20'	
						2xø 20 15'	2xø 12 20'	
36793680	42	50	50	30	30	2xø 20 15'	2xø 12 20'	
						2xø 20 15'	2xø 12 20'	
						2xø 20 15'	2xø 12 20'	
						2xø 20 15'	2xø 12 20'	
36833697	42	50	50	30	30	2xø 20 15'	2xø 12 20'	
						2xø 20 15'	2xø 12 20'	
						2xø 20 15'	2xø 12 20'	
						2xø 20 15'	2xø 12 20'	
36873702	41	50	50	30	30	2xø 14 20'	2xø 12 20'	
						2xø 14 20'	2xø 12 20'	
						2xø 14 20'	2xø 12 20'	
						2xø 14 20'	2xø 12 20'	
37023706	41	50	50	30	30	2xø 14 20'	2xø 12 20'	
						2xø 14 20'	2xø 12 20'	
						2xø 14 20'	2xø 12 20'	
						2xø 14 20'	2xø 12 20'	
37063710	41	50	50	30	30	2xø 14 20'	2xø 12 20'	
						2xø 14 20'	2xø 12 20'	
						2xø 14 20'	2xø 12 20'	
						2xø 14 20'	2xø 12 20'	
37143714	42	50	50	30	30	2xø 20 15'	2xø 12 20'	
						2xø 20 15'	2xø 12 20'	
						2xø 20 15'	2xø 12 20'	
						2xø 20 15'	2xø 12 20'	
37143718	42	50	50	30	30	2xø 20 15'	2xø 12 20'	
						2xø 20 15'	2xø 12 20'	
						2xø 20 15'	2xø 12 20'	
						2xø 20 15'	2xø 12 20'	

Sezione	Comb.	N _{el} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-173342.4	12709.3	3372.3	0.06
Sommità	1	-170904.9	5598.9	1679.4	0.06

S.L.E.	Combinazione	N [kg]	M ₂ [kgm]	M ₃ [kgm]	σ [m]
Base	26	-116848.5	7159.5	2228.9	-6.9
	sc Max				
	sc Med				
	sc Min				
Sommità	26	-116848.5	7159.5	2228.9	-6.2
	sc Max				
	sc Med				
	sc Min				

▲ Verifiche a taglio dei diaframmi

Diagramma	B	H	Comb.	V_{eff}	α	V_{eff}	N_{eff}	M_{eff}	V_{eff}	V_{eff}	V_{eff}	S/R
	[m]	[m]	critica	[kg]		[kg]		[kgm]	[kg]	[kg]	[kg]	
3710-3714-3718	1,00	0,50	18	5421,4	1,00	5421,4	-23277,6	-153,0	12983,69	38623,6	0,0	0,14
3697-3706-3710	1,50	0,50	18	5421,1	1,00	9541,1	-38338,3	-516,3	19676,32	58504,9	0,0	0,16
3672-3739-3697	1,00	0,50	13	5138,2	1,00	5138,2	-31677,7	-507,0	12983,69	38634,6	0,0	0,11
3677-3678-3679-3680	1,50	0,50	13	6647,8	1,00	6647,8	-30935,0	-27779,1	19676,32	58504,9	0,0	0,13

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

▲Armature Nucleo

Nodi	Sezione Numero.	B	H	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
3827/3828	42	50	50	30	2x ø 20 15'	2x ø 12 20'
3827/3843	42	50	50	30	2x ø 20 15'	2x ø 12 20'
3828/3829	42	50	50	30	2x ø 20 15'	2x ø 12 20'
3829/3830	42	50	50	30	2x ø 20 15'	2x ø 12 20'
3833/3847	42	50	50	30	2x ø 20 15'	2x ø 12 20'
3847/3851	41	50	50	30	2x ø 14 20'	2x ø 12 20'
3851/3855	41	50	50	30	2x ø 14 20'	2x ø 12 20'
3855/3859	41	50	50	30	2x ø 14 20'	2x ø 12 20'
3859/3863	42	50	50	30	2x ø 20 15'	2x ø 12 20'
3863/3867	42	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	$N_{e,d}$ [kg]	$M_{1,2}$ [kgm]	$M_{1,3}$ [kgm]	Sd/Sr
Base	1	-170904,9	5598,9	16804	0,06
Sommità	1	-1684674	-15115	-120	0,06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-114973,6	3077,7	1107,5	-6,5

sc Med	26	-1205.986	1523.23	447.05	-6.4
st	24	-1205.986	1523.23	447.05	-77.0
sc	26	-1205.986	1523.23	447.05	-116.0
Summita					
sc Max	26	-1205.986	1523.23	447.05	-7.8
sc Med	26	-1205.986	1523.23	447.05	-6.4
st	24	-1205.986	1523.23	447.05	-77.0
sc	26	-1205.986	1523.23	447.05	-116.0

▲ Verifiche a taglio dei diaframmi

Diametra	B	H	Comb.	V _{crit}	α	V ₀	N ₀	M ₀	V ₀₂	V ₀₃	V ₀₄	V ₀₅	V ₀₆	V ₀₇	V ₀₈	V ₀₉	V ₁₀	V ₁₁	V ₁₂	V ₁₃	V ₁₄	V ₁₅	V ₁₆	V ₁₇	V ₁₈	V ₁₉	V ₂₀	V ₂₁	V ₂₂	V ₂₃	V ₂₄	V ₂₅	V ₂₆	V ₂₇	V ₂₈	V ₂₉	V ₃₀	V ₃₁	V ₃₂	V ₃₃	V ₃₄	V ₃₅	V ₃₆	V ₃₇	V ₃₈	V ₃₉	V ₄₀	V ₄₁	V ₄₂	V ₄₃	V ₄₄	V ₄₅	V ₄₆	V ₄₇	V ₄₈	V ₄₉	V ₅₀	V ₅₁	V ₅₂	V ₅₃	V ₅₄	V ₅₅	V ₅₆	V ₅₇	V ₅₈	V ₅₉	V ₆₀	V ₆₁	V ₆₂	V ₆₃	V ₆₄	V ₆₅	V ₆₆	V ₆₇	V ₆₈	V ₆₉	V ₇₀	V ₇₁	V ₇₂	V ₇₃	V ₇₄	V ₇₅	V ₇₆	V ₇₇	V ₇₈	V ₇₉	V ₈₀	V ₈₁	V ₈₂	V ₈₃	V ₈₄	V ₈₅	V ₈₆	V ₈₇	V ₈₈	V ₈₉	V ₉₀	V ₉₁	V ₉₂	V ₉₃	V ₉₄	V ₉₅	V ₉₆	V ₉₇	V ₉₈	V ₉₉	V ₁₀₀	V ₁₀₁	V ₁₀₂	V ₁₀₃	V ₁₀₄	V ₁₀₅	V ₁₀₆	V ₁₀₇	V ₁₀₈	V ₁₀₉	V ₁₁₀	V ₁₁₁	V ₁₁₂	V ₁₁₃	V ₁₁₄	V ₁₁₅	V ₁₁₆	V ₁₁₇	V ₁₁₈	V ₁₁₉	V ₁₂₀	V ₁₂₁	V ₁₂₂	V ₁₂₃	V ₁₂₄	V ₁₂₅	V ₁₂₆	V ₁₂₇	V ₁₂₈	V ₁₂₉	V ₁₃₀	V ₁₃₁	V ₁₃₂	V ₁₃₃	V ₁₃₄	V ₁₃₅	V ₁₃₆	V ₁₃₇	V ₁₃₈	V ₁₃₉	V ₁₄₀	V ₁₄₁	V ₁₄₂	V ₁₄₃	V ₁₄₄	V ₁₄₅	V ₁₄₆	V ₁₄₇	V ₁₄₈	V ₁₄₉	V ₁₅₀	V ₁₅₁	V ₁₅₂	V ₁₅₃	V ₁₅₄	V ₁₅₅	V ₁₅₆	V ₁₅₇	V ₁₅₈	V ₁₅₉	V ₁₆₀	V ₁₆₁	V ₁₆₂	V ₁₆₃	V ₁₆₄	V ₁₆₅	V ₁₆₆	V ₁₆₇	V ₁₆₈	V ₁₆₉	V ₁₇₀	V ₁₇₁	V ₁₇₂	V ₁₇₃	V ₁₇₄	V ₁₇₅	V ₁₇₆	V ₁₇₇	V ₁₇₈	V ₁₇₉	V ₁₈₀	V ₁₈₁	V ₁₈₂	V ₁₈₃	V ₁₈₄	V ₁₈₅	V ₁₈₆	V ₁₈₇	V ₁₈₈	V ₁₈₉	V ₁₉₀	V ₁₉₁	V ₁₉₂	V ₁₉₃	V ₁₉₄	V ₁₉₅	V ₁₉₆	V ₁₉₇	V ₁₉₈	V ₁₉₉	V ₂₀₀	V ₂₀₁	V ₂₀₂	V ₂₀₃	V ₂₀₄	V ₂₀₅	V ₂₀₆	V ₂₀₇	V ₂₀₈	V ₂₀₉	V ₂₁₀	V ₂₁₁	V ₂₁₂	V ₂₁₃	V ₂₁₄	V ₂₁₅	V ₂₁₆	V ₂₁₇	V ₂₁₈	V ₂₁₉	V ₂₂₀	V ₂₂₁	V ₂₂₂	V ₂₂₃	V ₂₂₄	V ₂₂₅	V ₂₂₆	V ₂₂₇	V ₂₂₈	V ₂₂₉	V ₂₃₀	V ₂₃₁	V ₂₃₂	V ₂₃₃	V ₂₃₄	V ₂₃₅	V ₂₃₆	V ₂₃₇	V ₂₃₈	V ₂₃₉	V ₂₄₀	V ₂₄₁	V ₂₄₂	V ₂₄₃	V ₂₄₄	V ₂₄₅	V ₂₄₆	V ₂₄₇	V ₂₄₈	V ₂₄₉	V ₂₅₀	V ₂₅₁	V ₂₅₂	V ₂₅₃	V ₂₅₄	V ₂₅₅	V ₂₅₆	V ₂₅₇	V ₂₅₈	V ₂₅₉	V ₂₆₀	V ₂₆₁	V ₂₆₂	V ₂₆₃	V ₂₆₄	V ₂₆₅	V ₂₆₆	V ₂₆₇	V ₂₆₈	V ₂₆₉	V ₂₇₀	V ₂₇₁	V ₂₇₂	V ₂₇₃	V ₂₇₄	V ₂₇₅	V ₂₇₆	V ₂₇₇	V ₂₇₈	V ₂₇₉	V ₂₈₀	V ₂₈₁	V ₂₈₂	V ₂₈₃	V ₂₈₄	V ₂₈₅	V ₂₈₆	V ₂₈₇	V ₂₈₈	V ₂₈₉	V ₂₉₀	V ₂₉₁	V ₂₉₂	V ₂₉₃	V ₂₉₄	V ₂₉₅	V ₂₉₆	V ₂₉₇	V ₂₉₈	V ₂₉₉	V ₃₀₀	V ₃₀₁	V ₃₀₂	V ₃₀₃	V ₃₀₄	V ₃₀₅	V ₃₀₆	V ₃₀₇	V ₃₀₈	V ₃₀₉	V ₃₁₀	V ₃₁₁	V ₃₁₂	V ₃₁₃	V ₃₁₄	V ₃₁₅	V ₃₁₆	V ₃₁₇	V ₃₁₈	V ₃₁₉	V ₃₂₀	V ₃₂₁	V ₃₂₂	V ₃₂₃	V ₃₂₄	V ₃₂₅	V ₃₂₆	V ₃₂₇	V ₃₂₈	V ₃₂₉	V ₃₃₀	V ₃₃₁	V ₃₃₂	V ₃₃₃	V ₃₃₄	V ₃₃₅	V ₃₃₆	V ₃₃₇	V ₃₃₈	V ₃₃₉	V ₃₄₀	V ₃₄₁	V ₃₄₂	V ₃₄₃	V ₃₄₄	V ₃₄₅	V ₃₄₆	V ₃₄₇	V ₃₄₈	V ₃₄₉	V ₃₅₀	V ₃₅₁	V ₃₅₂	V ₃₅₃	V ₃₅₄	V ₃₅₅	V ₃₅₆	V ₃₅₇	V ₃₅₈	V ₃₅₉	V ₃₆₀	V ₃₆₁	V ₃₆₂	V ₃₆₃	V ₃₆₄	V ₃₆₅	V ₃₆₆	V ₃₆₇	V ₃₆₈	V ₃₆₉	V ₃₇₀	V ₃₇₁	V ₃₇₂	V ₃₇₃	V ₃₇₄	V ₃₇₅	V ₃₇₆	V ₃₇₇	V ₃₇₈	V ₃₇₉	V ₃₈₀	V ₃₈₁	V ₃₈₂	V ₃₈₃	V ₃₈₄	V ₃₈₅	V ₃₈₆	V ₃₈₇	V ₃₈₈	V ₃₈₉	V ₃₉₀	V ₃₉₁	V ₃₉₂	V ₃₉₃	V ₃₉₄	V ₃₉₅	V ₃₉₆	V ₃₉₇	V ₃₉₈	V ₃₉₉	V ₄₀₀	V ₄₀₁	V ₄₀₂	V ₄₀₃	V ₄₀₄	V ₄₀₅	V ₄₀₆	V ₄₀₇	V ₄₀₈	V ₄₀₉	V ₄₁₀	V ₄₁₁	V ₄₁₂	V ₄₁₃	V ₄₁₄	V ₄₁₅	V ₄₁₆	V ₄₁₇	V ₄₁₈	V ₄₁₉	V ₄₂₀	V ₄₂₁	V ₄₂₂	V ₄₂₃	V ₄₂₄	V ₄₂₅	V ₄₂₆	V ₄₂₇	V ₄₂₈	V ₄₂₉	V ₄₃₀	V ₄₃₁	V ₄₃₂	V ₄₃₃	V ₄₃₄	V ₄₃₅	V ₄₃₆	V ₄₃₇	V ₄₃₈	V ₄₃₉	V ₄₄₀	V ₄₄₁	V ₄₄₂	V ₄₄₃	V ₄₄₄	V ₄₄₅	V ₄₄₆	V ₄₄₇	V ₄₄₈	V ₄₄₉	V ₄₅₀	V ₄₅₁	V ₄₅₂	V ₄₅₃	V ₄₅₄	V ₄₅₅	V ₄₅₆	V ₄₅₇	V ₄₅₈	V ₄₅₉	V ₄₆₀	V ₄₆₁	V ₄₆₂	V ₄₆₃	V ₄₆₄	V ₄₆₅	V ₄₆₆	V ₄₆₇	V ₄₆₈	V ₄₆₉	V ₄₇₀	V ₄₇₁	V ₄₇₂	V ₄₇₃	V ₄₇₄	V ₄₇₅	V ₄₇₆	V ₄₇₇	V ₄₇₈	V ₄₇₉	V ₄₈₀	V ₄₈₁	V ₄₈₂	V ₄₈₃	V ₄₈₄	V ₄₈₅	V ₄₈₆	V ₄₈₇	V ₄₈₈	V ₄₈₉	V ₄₉₀	V ₄₉₁	V ₄₉₂	V ₄₉₃	V ₄₉₄	V ₄₉₅	V ₄₉₆	V ₄₉₇	V ₄₉₈	V ₄₉₉	V ₅₀₀	V ₅₀₁	V ₅₀₂	V ₅₀₃	V ₅₀₄	V ₅₀₅	V ₅₀₆	V ₅₀₇	V ₅₀₈	V ₅₀₉	V ₅₁₀	V ₅₁₁	V ₅₁₂	V ₅₁₃	V ₅₁₄	V ₅₁₅	V ₅₁₆	V ₅₁₇	V ₅₁₈	V ₅₁₉	V ₅₂₀	V ₅₂₁	V ₅₂₂	V ₅₂₃	V ₅₂₄	V ₅₂₅	V ₅₂₆	V ₅₂₇	V ₅₂₈	V ₅₂₉	V ₅₃₀	V ₅₃₁	V ₅₃₂	V ₅₃₃	V ₅₃₄	V ₅₃₅	V ₅₃₆	V ₅₃₇	V ₅₃₈	V ₅₃₉	V ₅₄₀	V ₅₄₁	V ₅₄₂	V ₅₄₃	V ₅₄₄	V ₅₄₅	V ₅₄₆	V ₅₄₇	V ₅₄₈	V ₅₄₉	V ₅₅₀	V ₅₅₁	V ₅₅₂	V ₅₅₃	V ₅₅₄	V ₅₅₅	V ₅₅₆	V ₅₅₇	V ₅₅₈	V ₅₅₉	V ₅₆₀	V ₅₆₁	V ₅₆₂	V ₅₆₃	V ₅₆₄	V ₅₆₅	V ₅₆₆	V ₅₆₇	V ₅₆₈	V ₅₆₉	V ₅₇₀	V ₅₇₁	V ₅₇₂	V ₅₇₃	V ₅₇₄	V ₅₇₅	V ₅₇₆	V ₅₇₇	V ₅₇₈	V ₅₇₉	V ₅₈₀	V ₅₈₁	V ₅₈₂	V ₅₈₃	V ₅₈₄	V ₅₈₅	V ₅₈₆	V ₅₈₇	V ₅₈₈	V ₅₈₉	V ₅₉₀	V ₅₉₁	V ₅₉₂	V ₅₉₃	V ₅₉₄	V ₅₉₅	V ₅₉₆	V ₅₉₇	V ₅₉₈	V ₅₉₉	V ₆₀₀	V ₆₀₁	V ₆₀₂	V ₆₀₃	V ₆₀₄	V ₆₀₅	V ₆₀₆	V ₆₀₇	V ₆₀₈	V ₆₀₉	V ₆₁₀	V ₆₁₁	V ₆₁₂	V ₆₁₃	V ₆₁₄	V ₆₁₅	V ₆₁₆	V ₆₁₇	V ₆₁₈	V ₆₁₉	V ₆₂₀	V ₆₂₁	V ₆₂₂	V ₆₂₃	V ₆₂₄	V ₆₂₅	V ₆₂₆	V ₆₂₇	V ₆₂₈	V ₆₂₉	V ₆₃₀	V ₆₃₁	V ₆₃₂	V ₆₃₃	V ₆₃₄	V ₆₃₅	V ₆₃₆	V ₆₃₇	V ₆₃₈	V ₆₃₉	V ₆₄₀	V ₆₄₁	V ₆₄₂	V ₆₄₃	V ₆₄₄	V ₆₄₅	V ₆₄₆	V ₆₄₇	V ₆₄₈	V ₆₄₉	V ₆₅₀	V ₆₅₁	V ₆₅₂	V ₆₅₃	V ₆₅₄	V ₆₅₅	V ₆₅₆	V ₆₅₇	V ₆₅₈	V ₆₅₉	V ₆₆₀	V ₆₆₁	V ₆₆₂	V ₆₆₃	V ₆₆₄	V ₆₆₅	V ₆₆₆	V ₆₆₇	V ₆₆₈	V ₆₆₉	V ₆₇₀	V ₆₇₁	V ₆₇₂	V ₆₇₃	V ₆₇₄	V ₆₇₅	V ₆₇₆	V ₆₇₇	V ₆₇₈	V ₆₇₉	V ₆₈₀	V ₆₈₁	V ₆₈₂	V ₆₈₃	V ₆₈₄	V ₆₈₅	V ₆₈₆	V ₆₈₇	V ₆₈₈	V ₆₈₉	V ₆₉₀	V ₆₉₁	V ₆₉₂	V ₆₉₃	V ₆₉₄	V ₆₉₅	V ₆₉₆	V ₆₉₇	V ₆₉₈	V ₆₉₉	V ₇₀₀	V ₇₀₁	V ₇₀₂	V ₇₀₃	V ₇₀₄	V ₇₀₅	V ₇₀₆	V ₇₀₇	V ₇₀₈	V ₇₀₉	V ₇₁₀	V ₇₁₁	V ₇₁₂	V ₇₁₃	V ₇₁₄	V ₇₁₅	V ₇₁₆	V ₇₁₇	V ₇₁₈	V ₇₁₉	V ₇₂₀	V ₇₂₁	V ₇₂₂	V ₇₂₃	V ₇₂₄	V ₇₂₅	V ₇₂₆	V ₇₂₇	V ₇₂₈	V ₇₂₉	V ₇₃₀	V ₇₃₁	V ₇₃₂	V ₇₃₃	V ₇₃₄	V ₇₃₅	V ₇₃₆	V ₇₃₇	V ₇₃₈	V ₇₃₉	V ₇₄₀	V ₇₄₁	V ₇₄₂	V ₇₄₃	V ₇₄₄	V ₇₄₅	V ₇₄₆	V ₇₄₇	V ₇₄₈	V ₇₄₉	V ₇₅₀	V ₇₅₁	V ₇₅₂	V ₇₅₃	V ₇₅₄	V ₇₅₅	V ₇₅₆	V ₇₅₇	V ₇₅₈	V ₇₅₉	V ₇₆₀	V ₇₆₁	V ₇₆₂	V ₇₆₃	V ₇₆₄	V ₇₆₅	V ₇₆₆	V ₇₆₇	V ₇₆₈	V ₇₆₉	V ₇₇₀	V ₇₇₁	V ₇₇₂	V ₇₇₃	V ₇₇₄	V ₇₇₅	V ₇₇₆	V ₇₇₇	V ₇₇₈	V ₇₇₉	V ₇₈₀	V ₇₈₁	V ₇₈₂	V ₇₈₃	V ₇₈₄	V ₇₈₅	V ₇₈₆	V ₇₈₇	V ₇₈₈	V ₇₈₉	V ₇₉₀	V ₇₉₁	V ₇₉₂	V ₇₉₃	V ₇₉₄	V ₇₉₅	V ₇₉₆	V ₇₉₇	V ₇₉₈	V ₇₉₉	V ₈₀₀	V ₈₀₁	V ₈₀₂	V ₈₀₃	V ₈₀₄	V ₈₀₅	V ₈₀₆	V ₈₀₇	V ₈₀₈	V ₈₀₉	V ₈₁₀	V ₈₁₁	V ₈₁₂	V ₈₁₃	V ₈₁₄	V ₈₁₅	V ₈₁₆	V ₈₁₇	V ₈₁₈	V ₈₁₉	V ₈₂₀	V ₈₂₁	V ₈₂₂	V ₈₂₃	V ₈₂₄	V ₈₂₅	V ₈₂₆	V ₈₂₇	V ₈₂₈	V ₈₂₉	V ₈₃₀	V ₈₃₁	V ₈₃₂	V ₈₃₃	V ₈₃₄	V ₈₃₅	V ₈₃₆	V ₈₃₇	V ₈₃₈	V ₈₃₉	V ₈₄₀	V ₈₄₁	V ₈₄₂	V ₈₄₃	V ₈₄₄	V ₈₄₅	V ₈₄₆	V ₈₄₇	V ₈₄₈	V ₈₄₉	V ₈₅₀	V ₈₅₁	V ₈₅₂	V ₈₅₃	V ₈₅₄	V ₈₅₅	V ₈₅₆	V ₈₅₇	V ₈₅₈	V ₈₅₉	V ₈₆₀	V ₈₆₁	V ₈₆₂	V ₈₆₃	V ₈₆₄	V ₈₆₅	V ₈₆₆	V ₈₆₇	V ₈₆₈	V ₈₆₉	V ₈₇₀	V ₈₇₁	V ₈₇₂	V ₈₇₃	V ₈₇₄	V ₈₇₅	V ₈₇₆	V ₈₇₇	V ₈₇₈	V ₈₇₉	V ₈₈₀	V ₈₈₁	V ₈₈₂	V ₈₈₃	V ₈₈₄	V ₈₈₅	V ₈₈₆	V ₈₈₇	V ₈₈₈	V ₈₈₉	V ₈₉₀	V ₈₉₁	V ₈₉₂	V ₈₉₃	V ₈₉₄	V ₈₉₅	V ₈₉₆	V ₈₉₇	V ₈₉₈	V ₈₉₉	V ₉₀₀	V ₉₀₁	V ₉₀₂	V ₉₀₃	V ₉₀₄	V ₉₀₅	V ₉₀₆	V ₉₀₇	V ₉₀₈	V ₉₀₉	V ₉₁₀	V ₉₁₁	V ₉₁₂	V ₉₁₃	V ₉₁₄	V ₉₁₅	V ₉₁₆	V ₉₁₇	V ₉₁₈	V ₉₁₉	V ₉₂₀	V ₉₂₁	V ₉₂₂	V ₉₂₃	V ₉₂₄	V ₉₂₅	V ₉₂₆	V ₉₂₇	V ₉₂₈	V ₉₂₉	V ₉₃₀	V ₉₃₁	V ₉₃₂	V ₉₃₃	V ₉₃₄	V ₉₃₅	V ₉₃₆	V ₉₃₇	V ₉₃₈	V ₉₃₉	V ₉₄₀	V ₉₄₁	V ₉₄₂	V ₉₄₃	V ₉₄₄	V ₉₄₅	V ₉₄₆	V ₉₄₇	V ₉₄₈	V ₉₄₉	V ₉₅₀	V ₉₅₁	V ₉₅₂	V ₉₅₃	V ₉₅₄	V ₉₅₅	V<
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3548 3552 3556 3560 3564 3568
▲NUCLEO 3528 3529 3544 3530 3531 3548 3552 3556 3560 3564 3568 / Nodi: 3528 3529 3544 3530 3531

▲Armature Nucleo

Noti	Sazione	B	H	Spessore	Armatura	Armatura
				[cm]	Verticale	Orizzontale
3529 3529	42	50	50	30	2xø 20 15	2xø 12 20
3529 3544	42	50	50	30	2xø 20 15	2xø 12 20
3529 3530	42	50	50	30	2xø 20 15	2xø 12 20
3530 3531	42	50	50	30	2xø 20 15	2xø 12 20
3534 3533	42	50	50	30	2xø 20 15	2xø 12 20
3540 3548	42	50	50	30	2xø 20 15	2xø 12 20
3548 3552	41	50	50	30	2xø 14 20	2xø 12 20
3552 3556	41	50	50	30	2xø 14 20	2xø 12 20
3553 3560	41	50	50	30	2xø 14 20	2xø 12 20
3560 3564	42	50	50	30	2xø 20 15	2xø 12 20
3564 3568	42	50	50	30	2xø 20 15	2xø 12 20

Sezione	Comb.	N ₆₀ [kg]	M _{1,2} [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-17579.9	19819.7	5064.2	0.06
Sommità	1	-173342.3	127093	3372.9	0.06

S.L.E.	Combinazione	N [kg]	M ₅₀ [kg/m]	M ₁₀ [kg/m]	σ [kg/cm ²]
Bases	sc Max	26	-118723.6	11241.4	3349.2
	sc Med	26	-118723.6	11241.4	3349.2
	sc Min	26	-118723.6	11241.4	3349.2
	sc	24	-118723.6	11241.4	3349.2
	sc	26	-118723.6	11241.4	3349.2
	sc	26	-118723.6	11241.4	3349.2
Sonmitta	sc Max	26	-118723.6	11241.4	3349.2
	sc Med	26	-118723.6	11241.4	3349.2
	sc Min	26	-118723.6	11241.4	3349.2
	sc	24	-118723.6	11241.4	3349.2
	sc	26	-118723.6	11241.4	3349.2
	sc	26	-118723.6	11241.4	3349.2

▲ Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{crit}	α	V ₀	N ₀	M ₀	V _{0,ad}	V _{0,sp}	V _{0,trans}	S/R
	[m]	[m]	[m]	[m]	critica	[m]	[kg]	[kgm]	[kg]	[kg]	[kg]	
3560-3564-3568	1.00	0.50	18	7817.4	1.00	7817.4	-2009.5	-407.9	129836.9	38634.6	0.0	0.20
3568-3572-3576-3580	1.00	0.50	18	7817.4	1.00	7817.4	-2009.5	-407.9	129836.9	38634.6	0.0	0.20
3548-3552-3556-3560	1.50	0.50	13	7333.7	1.00	7333.7	-3932.61	-1376.5	196763.2	58549.4	0.0	0.13
3528-3532-3536-3540	1.00	0.50	13	7277.8	1.00	7277.8	-3716.92	-890.6	196386.9	38634.6	0.0	0.13
3528-3532-3530-3534	1.50	0.50	16	5448.7	1.00	5448.7	-4307.85	-1470.85	196763.2	58549.4	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

sc Med	26	-11.4973.6	3077.7	1107.5	-6.1
st	24	-11.4973.6	3077.7	1107.5	-87.8
sc	26	-11.4973.6	3077.7	1107.5	-96.8
Sommita					
sc Max	26	-11.4973.6	3077.7	1107.5	-6.5
sc Med	26	-11.4973.6	3077.7	1107.5	-6.1
st	24	-11.4973.6	3077.7	1107.5	-87.8
sc	26	-11.4973.6	3077.7	1107.5	-96.8

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{cr} [cm]	α	V _{cr} [kg]	N _{cr} [kg]	M _{cr} [kgm]	V _{cr} [kg]	V _{cr} [kg]	V _{cr} max/min	S/R
3855-3863-3867	1.00	0.50	18	4.4357	1.00	4.4357	-26577.8	103.3	129836.9	38634.6	0.0	0.11
3847-3851-3855-3859	1.50	0.50	18	10296.0	1.00	10296.0	-37542.5	348.6	196763.2	58549.4	0.0	0.18
3827-3843-3847	1.00	0.50	13	5251.5	1.00	5251.5	-25523.1	-118.4	129836.9	38634.6	0.0	0.14
3827-3828-3829-3830	1.50	0.50	13	-7208.7	1.00	-7208.7	-33102.1	-33206.0	196763.2	58549.4	0.0	0.12

▲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 [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
3976 3977	42	50	50	30	2x ø 20.15'	2x ø 12.20'
3976 3992	42	50	50	30	2x ø 20.15'	2x ø 12.20'
3977 3978	42	50	50	30	2x ø 20.15'	2x ø 12.20'
3978 3979	42	50	50	30	2x ø 20.15'	2x ø 12.20'
3992 3996	42	50	50	30	2x ø 20.15'	2x ø 12.20'
3996 4001	41	50	50	30	2x ø 14.20'	2x ø 12.20'
4001 4005	41	50	50	30	2x ø 14.20'	2x ø 12.20'
4005 4009	41	50	50	30	2x ø 14.20'	2x ø 12.20'
4009 4013	42	50	50	30	2x ø 20.15'	2x ø 12.20'
4013 4017	42	50	50	30	2x ø 20.15'	2x ø 12.20'

Sezione	Comb.	N _{cr} [kg]	M _{cr} [kgm]	M _{cr} [kgm]	Sd/sr
Base	1	-168467.3	-1511.5	-11.4	0.06
Sommita	1	-166029.9	-8621.9	-1704.4	0.06

S.L.E.	Combinazione	N [kg]	M _{cr} [kgm]	M _{cr} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-113098.5	-1004.2	-13.2	-6.1
sc Med	26	-113098.5	-1004.2	-13.2	-6.0
st	24	-113098.5	-1004.2	-13.2	-88.5
sc	26	-113098.5	-1004.2	-13.2	-91.7
Sommita					
sc Max	26	-113098.5	-1004.2	-13.2	-6.1
sc Med	26	-113098.5	-1004.2	-13.2	-6.0
st	24	-113098.5	-1004.2	-13.2	-88.5
sc	26	-113098.5	-1004.2	-13.2	-91.7

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{cr} [cm]	α	V _{cr} [kg]	N _{cr} [kg]	M _{cr} [kgm]	V _{cr} [kg]	V _{cr} [kg]	V _{cr} max/min	S/R
4005-4013-4017	1.00	0.50	18	4538.9	1.00	4538.9	-25810.2	353.7	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	-19283.7	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	-35347.5	-39281.1	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

Nodi	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 _{cr} [kg]	M _{cr} [kgm]	M _{cr} [kgm]	Sd/sr
Base	1	-166029.9	-8621.9	-1704.4	0.06
Sommita	1	-163592.3	-15732.3	-3396.2	0.06

S.L.E.	Combinazione	N [kg]	M _{cr} [kgm]	M _{cr} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-111223.5	-5086.0	-1134.3	-6.3
sc Med	26	-111223.5	-5086.0	-1134.3	-5.9
st	24	-111223.5	-5086.0	-1134.3	-84.0
sc	26	-111223.5	-5086.0	-1134.3	-95.0
Sommita					
sc Max	26	-111223.5	-5086.0	-1134.3	-6.3
sc Med	26	-111223.5	-5086.0	-1134.3	-5.9
st	24	-111223.5	-5086.0	-1134.3	-84.0
sc	26	-111223.5	-5086.0	-1134.3	-95.0

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{cr} [cm]	α	V _{cr} [kg]	N _{cr} [kg]	M _{cr} [kgm]	V _{cr} [kg]	V _{cr} [kg]	V _{cr} max/min	S/R
4158-4162-4166	1.00	0.50	18	5928.6	1.00	5928.6	-33111.0	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	-13011.8	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	-37498.6	-45255.7	196763.2	58549.4	0.0	0.11

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

▲Armature Nucleo

Nodi	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'
4275 4291	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 _{cr} [kg]	M _{cr} [kgm]	M _{cr} [kgm]	Sd/sr
Base	1	-163592.3	-15732.3	-3395.7	0.06
Sommita	1	-161154.8	-22842.7	-5088.3	0.06

S.L.E.	Combinazione	N [kg]	M _{cr} [kgm]	M _{cr} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-109348.6	-9167.9	-2255.8	-6.6

▲Armature Nucleo

Nodi	Sezione	Numero	B	H	Spessore	Armatura	
						Verticale	Orizzontale
6766/6770	52	50	50	30	2x ø 20 15'	2x ø 12 20'	
					2x ø 20 15'	2x ø 12 20'	
6766/7441	52	50	50	30	2x ø 20 15'	2x ø 12 20'	
					2x ø 20 15'	2x ø 12 20'	
6770/6774	52	50	50	30	2x ø 20 15'	2x ø 12 20'	
					2x ø 20 15'	2x ø 12 20'	
6774/6781	52	50	50	30	2x ø 20 15'	2x ø 12 20'	
					2x ø 20 15'	2x ø 12 20'	
7441/6391	52	50	50	30	2x ø 20 15'	2x ø 12 20'	
					2x ø 20 15'	2x ø 12 20'	
6391/6395	51	50	50	30	2x ø 14 20'	2x ø 12 20'	
					2x ø 14 20'	2x ø 12 20'	
6395/6399	51	50	50	30	2x ø 14 20'	2x ø 12 20'	
					2x ø 14 20'	2x ø 12 20'	
6399/6404	51	50	50	30	2x ø 14 20'	2x ø 12 20'	
					2x ø 14 20'	2x ø 12 20'	
6404/6408	52	50	50	30	2x ø 20 15'	2x ø 12 20'	
					2x ø 20 15'	2x ø 12 20'	
6408/6412	52	50	50	30	2x ø 20 15'	2x ø 12 20'	
					2x ø 20 15'	2x ø 12 20'	

Sezione	Comb.	N _u	M _u	M _u	Sd/sr
		[kg]	[kgm]	[kgm]	
Base	12	-58859.0	17949.0	20837.4	0.05
Sommità	12	-57607.0	9000.4	13423.7	0.04

S.L.E.	Combinazione	N [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm²]	
Base	26	-61014.6	13851.8	4173.2	-4.5	
	sc Max					
	sc Med	26	-61014.6	13851.8	4173.2	-3.2
	sc	21	-62795.2	15636.8	4533.6	-30.6
	sc	26	-61014.6	13851.8	4173.2	-67.5
Sommità	26	-61014.6	13851.8	4173.2	-4.5	
	sc Max					
	sc Med	26	-61014.6	13851.8	4173.2	-3.2
	sc	21	-62795.2	15636.8	4533.6	-30.6
	sc	26	-61014.6	13851.8	4173.2	-67.5

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _u	α	V _u	N _u	M _u	V _u	V _u	V _u	S/R
	[m]	[m]	critica	[kg]		[kg]	[kg]	[kgm]	[kg]	[kg]	[kg]	
6404-6408-6412	1.00	0.50	18	11920.1	1.00	11920.1	-5624.1	-5340.4	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	-1985.3	196763.2	58549.4	0.0	0.15
6766-7441-6391	1.00	0.50	13	7182.9	1.00	7182.9	-28707.1	-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

▲NUCLEO 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		B	H	Spessore	Armatura Verticale	Armatura Orizzontale
	Numero	[cm]					
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'
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	M _u	M _u	Sd/sr
		[kg]	[kgm]	[kgm]	
Base	12	-57541.6	8895.8	13384.0	0.04
Sommità	1	-86752.8	-1142.5	2146	0.03

S.L.E.	Combinazione	N	M _u	M _u	σ
		[kg]	[kgm]	[kgm]	[kg/cm²]
Base	26	-59139.6	6123.6	2188.8	-3.8
	sc Max				

sc Med	26	-109348.6	-9167.9	-2255.8	-5.8
sc	24	-109348.6	-9167.9	-2255.8	-77.5
sc	26	-109348.6	-9167.9	-2255.8	-98.6
Sommità					
sc Max	26	-109348.6	-9167.9	-2255.8	-6.6
sc Med	26	-109348.6	-9167.9	-2255.8	-5.8
sc	24	-109348.6	-9167.9	-2255.8	-77.5
sc	26	-109348.6	-9167.9	-2255.8	-98.6

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _u	α	V _u	N _u	M _u	V _u	V _u	V _u	S/R
	[m]	[m]	critica	[kg]		[kg]	[kg]	[kgm]	[kg]	[kg]	[kg]	
4308-4312-4316	1.00	0.50	18	9411.1	1.00	9411.1	-36391.8	845.4	129836.9	38634.6	0.0	0.24
4295-4299-4304-4308	1.50	0.50	18	7087.1	1.00	7087.1	35265.2	2853.4	196763.2	58549.4	0.0	0.12
4275-4291-4295	1.00	0.50	13	3954.0	1.00	3954.0	-7707.3	1004.0	129836.9	38634.6	0.0	0.10
4275-4276-4277-4278	1.50	0.50	16	5472.7	1.00	5472.7	26438.3	-22392.9	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

Nodi	Sezione Numero	B	H	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
4425 4426	42	50	50	30	2x ø 20 15'	2x ø 12 20'
	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'
	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'
	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'
	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'
	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'
	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'
	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'
	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'
	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'
	42	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	-161154.8	-22842.7	-5088.1	0.06
Sommità	1	-158717.3	-29953.1	-6780.5	0.06

S.L.E.	Combinazione	N	M _u	M _u	σ	
		[kg]	[kgm]	[kgm]	[kg/cm²]	
Base	26	-107473.5	-13249.8	-3376.2	-6.8	
	sc Max					
	sc Med	26	-107473.5	-13249.8	-3376.2	-5.7
	sc	24	-107473.5	-13249.8	-3376.2	-71.1
Sommità	26	-107473.5	-13249.8	-3376.2	-102.2	
	sc Max					
	sc Med	26	-107473.5	-13249.8	-3376.2	-6.8
	sc	24	-107473.5	-13249.8	-3376.2	-5.7
	26	-107473.5	-13249.8	-3376.2	-71.1	
	sc	24	-107473.5	-13249.8	-3376.2	-102.2

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _u	α	V _u	N _u	M _u	V _u	V _u	V _u	S/R
	[m]	[m]	critica	[kg]		[kg]	[kg]	[kgm]	[kg]	[kg]	[kg]	
4457-4461-4465	1.00	0.50	18	13283.7	1.00	13283.7	-35398.3	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	-1938.5	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

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

sc Med	26	-59139.6	6123.6	2188.8	-3.1
st	23	-59197.4	6767.8	2354.6	-39.0
sc	26	-59139.6	6123.6	2188.8	-57.5
Sommità					
sc Max	26	-59139.6	6123.6	2188.8	-3.8
sc Med	26	-59139.6	6123.6	2188.8	-3.1
st	23	-59197.4	6767.8	2354.6	-39.0
sc	26	-59139.6	6123.6	2188.8	-57.5

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{cr} [cm]	α	N _u [kg]	M _{u1} [kgm]	M _{u2} [kgm]	V _{ed} [kg]	V _{ed} [kg]	V _{residuo} [kg]	S/R
4607-4611-4515	1.00	0.50	18	9484.5	1.00	9484.5	-5814.2	-2107.7	129836.9	38634.6	0.0	0.25
4594-4598-4603-4607	1.50	0.50	1	10516.5	1.00	10516.5	-2697.0	-972.6	196763.2	58549.4	0.0	0.18
4574-4590-4594	1.00	0.50	13	6794.4	1.00	6794.4	-21268.9	-582.9	129836.9	38634.6	0.0	0.18
4574-4575-4576-4577	1.50	0.50	13	-7670.8	1.00	-7670.8	-10684.7	-4715.2	196763.2	58549.4	0.0	0.13

▲NUCLEO 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	H	Spessore	Armatura Verticale	Armatura Orizzontale
4724-4725	52	50	50	30	2x ø 20.15'	2x ø 12.20'
4724-4740	52	50	50	30	2x ø 20.15'	2x ø 12.20'
4725-4726	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'

Sezione	Comb.	N _u [kg]	M _{u1} [kgm]	M _{u2} [kgm]	Sd/sr
Base	1	-86752.8	-1142.5	-214.6	0.03
Sommità	1	-84315.3	-13876.0	-2832.2	0.03

S.L.E.	Combinazione	N	M _{u1} [kgm]	M _{u2} [kgm]	σ [kg/cm²]
Base					
sc Max	24	-57264.6	-1604.6	205.0	-3.3
sc Med	26	-57264.6	-1604.6	205.0	-3.0
st	24	-57264.6	-1604.6	205.0	-42.4
sc	24	-57264.6	-1604.6	205.0	-48.7
Sommità					
sc Max	24	-57264.6	-1604.6	205.0	-3.3
sc Med	26	-57264.6	-1604.6	205.0	-3.0
st	24	-57264.6	-1604.6	205.0	-42.4
sc	24	-57264.6	-1604.6	205.0	-48.7

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{cr} [cm]	α	N _u [kg]	M _{u1} [kgm]	M _{u2} [kgm]	V _{ed} [kg]	V _{ed} [kg]	V _{residuo} [kg]	S/R
4756-4760-4764	1.00	0.50	18	6606.6	1.00	6606.6	-13813.7	96.0	129836.9	38634.6	0.0	0.17
4744-4748-4752-4756	1.50	0.50	1	12410.9	1.00	12410.9	-26154.5	48.2	196763.2	58549.4	0.0	0.21
4724-4740-4744	1.00	0.50	13	6854.1	1.00	6854.1	-13635.1	-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	-12877.7	-11024.0	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

▲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	H	Spessore	Armatura Verticale	Armatura 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'

Sezione	Comb.	N _u [kg]	M _{u1} [kgm]	M _{u2} [kgm]	Sd/sr
Base	1	-81877.8	-13876.1	-2832.4	0.03
Sommità	1	-79440.3	-39343.5	-8926.0	0.04

S.L.E.	Combinazione	N	M _{u1} [kgm]	M _{u2} [kgm]	σ [kg/cm²]
Base					
sc Max	24	-53514.6	-17060.8	-3763.5	-4.3

sc Med	26	-53514.6	-17060.8	-3763.5	-2.9
st	24	-53514.6	-17060.8	-3763.5	-27.6
sc	24	-53514.6	-17060.8	-3763.5	-64.5
Sommita					
sc Max	24	-53514.6	-17060.8	-3763.5	-4.3
sc Med	26	-53514.6	-17060.8	-3763.5	-2.9
st	24	-53514.6	-17060.8	-3763.5	-27.6
sc	24	-53514.6	-17060.8	-3763.5	-64.5

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{cs}	α	V _{cs}	N _{cs}	M _{cs}	V _{cs}	V _{cs}	V _{cs}	S/R
												Verificazioni
5055-5099-5063	1.00	0.50	18	5932.6	1.00	5392.6	-22146.9	7345	129836.9	38634.6	0.0	0.15
5049-5047-5051-5055	1.50	0.50	1	12979.4	1.00	12979.4	-24521.4	2090.0	196763.2	58649.4	0.0	0.22
5023-5039-5043	1.00	0.50	13	6579.2	1.00	6579.2	1951.0	904.9	129836.9	38634.6	0.0	0.17
5029-5024-5025-5026	1.50	0.50	12	-9502.1	1.00	-9502.1	-19662.3	-27139.2	196763.2	58649.4	0.0	0.16

▲ANUCLEO 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]	Armatura Verticale	Armatura 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 _{cs} [kg]	M _{cs} [kgcm]	M _{cs} [kgcm]	Sd/sr
Base	1	-79440.3	-39343.4	-8926.1	0.04
Sommita	13	-50396.0	-50874.9	-26702.1	0.04

S.L.E.	Combinazione	N [kg]	M _{cs} [kgcm]	M _{cs} [kgcm]	σ [kg/cm²]
Base					
sc Max	24	-51639.6	-24789.1	-5747.6	-4.9
sc Med	26	-51639.6	-24789.1	-5747.6	-2.8
st	24	-51639.6	-24789.1	-5747.6	-17.7
sc	24	-51639.6	-24789.1	-5747.6	-72.7
Sommita					
sc Max	24	-51639.6	-24789.1	-5747.6	-4.9
sc Med	26	-51639.6	-24789.1	-5747.6	-2.8
st	24	-51639.6	-24789.1	-5747.6	-17.7
sc	24	-51639.6	-24789.1	-5747.6	-72.7

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{cs} [cm]	α	V _{cs} [kg]	N _{cs} [kg]	M _{cs} [kgcm]	V _{cs} [kg]	V _{cs} [kg]	V _{cs} [kg]	S/R
5205-5209-5213	1.00	0.50	18	8020.4	1.00	8020.4	-26217.0	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	-22705.0	3110.8	196763.2	58649.4	0.0	0.20
5172-5188-5192	1.00	0.50	1	5921.1	1.00	5921.1	-17367.7	1061.9	129836.9	38634.6	0.0	0.15
5172-5173-5174-5175	1.50	0.50	12	-8362.8	1.00	-8362.8	-22568.8	-34534.5	196763.2	58649.4	0.0	0.14

▲ANUCLEO 5322 5323 5338 5324 5325 5342 5346 5350 5354 5358 5362 / Nodi: 5322 5323 5338 5324 5325 5342 5346 5350 5354 5358 5362

▲Armature 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'
5328 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 _{cs} [kg]	M _{cs} [kgcm]	M _{cs} [kgcm]	Sd/sr
Base	13	-50202.6	-50940.8	-26658.1	0.04
Sommita	13	-48526.5	-42816.1	-34456.9	0.07

S.L.E.	Combinazione	N [kg]	M _{cs} [kgcm]	M _{cs} [kgcm]	σ [kg/cm²]
Base					
sc Max	24	-49764.6	-32517.2	-7731.7	-5.4
sc Med	26	-49764.6	-32517.2	-7731.7	-2.7
st	24	-49764.6	-32517.2	-7731.7	-7.7
sc	24	-49764.6	-32517.2	-7731.7	-81.0
Sommita					
sc Max	24	-49764.6	-32517.2	-7731.7	-5.4
sc Med	26	-49764.6	-32517.2	-7731.7	-2.7
st	24	-49764.6	-32517.2	-7731.7	-7.7
sc	24	-49764.6	-32517.2	-7731.7	-81.0

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{cs} [cm]	α	V _{cs} [kg]	N _{cs} [kg]	M _{cs} [kgm]	V _{cs} [kg]	V _{cs} [kg]	V _{cs} [kg]	V _{cs} [kg]	S/R
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	-22888.4	4131.7	196763.2	58549.4	0.0	0.15	
5322-5338-5342	1.00	0.50	1	5533.5	1.00	5533.5	3424.9	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	-5383.6	-1815.5	196763.2	58549.4	0.0	0.10	

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

▲Armature 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 _{cs} [kg]	M _{cs} [kgcm]	M _{cs} [kgcm]	Sd/sr
Base	13	-48251.7	-42814.8	-34424.3	0.07
Sommita	13	-46481.8	-74652.2	-42080.5	0.09

S.L.E.	Combinazione	N [kg]	M _{cs} [kgcm]	M _{cs} [kgcm]	σ [kg/cm²]
Base					
sc Max	24	-47889.6	-40295.3	-9715.9	-6.0

Sezione	B	H	Spessore	Amatura	Amatura
Numero	[cm]	[cm]	[cm]	Verticale	Orizzontale
421-422	12	50	50	30	2 x ø 20 15'
422-423	12	50	50	30	2 x ø 20 15'
423-424	12	50	50	30	2 x ø 20 15'
424-434	12	50	50	30	2 x ø 20 15'
434-438	12	50	50	30	2 x ø 20 15'
438-442	11	50	50	30	2 x ø 20 15'
442-446	11	50	50	30	2 x ø 20 20'
446-450	11	50	50	30	2 x ø 20 20'
450-454	12	50	50	30	2 x ø 20 15'
454-458	12	50	50	30	2 x ø 20 15'

Sezione	Comb.	N _{ec}	M ₁₂	M ₁₃	Sd/Sr
		[kg]	[kgm]	[kgm]	
Base	13	-257488.6	84931.4	137159.9	0.28
Sommità	13	-235653.3	72899.5	112195.5	0.23

S.L.E.	Combinazione	N	M ₁₂	M ₁₃	σ
		[kg]	[kgm]	[kgm]	[kg/cm ²]
Base					
sc Max	26	-287181.6	105574.9	20746.1	-30.8
sc Med	26	-287181.6	105574.9	20746.1	-14.8
st	24	-287181.6	105574.9	20746.1	-3.2
sc	26	-287181.6	105574.9	20746.1	-458.1
Sommità					
sc Max	26	-287181.6	105574.9	20746.1	-30.8
sc Med	26	-287181.6	105574.9	20746.1	-14.8
st	24	-287181.6	105574.9	20746.1	-3.2
sc	26	-287181.6	105574.9	20746.1	-458.1

▲ Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{ed}	α	V _{ed}	N _{ec}	M ₁₂	V _{ed}	V _{ed, massimo}	S/R	
[m]	[m]	[m]	critica	[kg]		[kg]	[kg]	[kgm]	[kg]	[kg]		
450-454-458	1.00	0.50	12	-22088.7	1.00	-22088.7	-71.290.1	2712.9	129836.9	70114.6	114016.5	0.31
438-442-446-450	1.50	0.50	19	19110.9	1.00	19110.9	-82376.7	-11444.4	196763.2	106256.2	273759.2	0.18
424-434-438	1.00	0.50	1	34895.5	1.00	34895.5	-104225.7	-2255.8	129836.9	70114.6	206754.2	0.49
421-422-423-424	1.50	0.50	13	-37891.6	1.00	-37891.6	-192067.2	256326.8	196763.2	106256.2	146226.7	0.36

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

▲ Armature Nucleo

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

Sezione	Comb.	N _{ec}	M ₁₂	M ₁₃	Sd/Sr
		[kg]	[kgm]	[kgm]	
Base	13	-255491.2	72689.5	112308.4	0.23
Sommità	13	-235320.8	6116.9	87260.4	0.18

S.L.E.	Combinazione	N	M ₁₂	M ₁₃	σ
		[kg]	[kgm]	[kgm]	[kg/cm ²]
Base					
sc Max	26	-285306.7	91669.3	16325.9	-28.2
sc Med	26	-285306.7	91669.3	16325.9	-14.7
st	20	-313513.2	106047.8	17183.8	-29.9

sc Med	26	-47889.6	-40245.3	-9715.9	-2.6
st	21	-49670.2	-41883.5	-10494.1	2.2
sc	24	-47889.6	-40245.3	-9715.9	-89.2
Sommità					
sc Max	24	-47889.6	-40245.3	-9715.9	-6.0
sc Med	26	-47889.6	-40245.3	-9715.9	-2.6
st	21	-49670.2	-41883.5	-10494.1	2.2
sc	24	-47889.6	-40245.3	-9715.9	-89.2

▲ Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{ed}	α	V _{ed}	N _{ec}	M ₁₂	V _{ed}	V _{ed, massimo}	S/R	
[m]	[m]	[m]	critica	[kg]		[kg]	[kg]	[kgm]	[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	8586.4	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	-1834.5	3339.9	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

▲ Armature Nucleo

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

Sezione	Comb.	N _{ec}	M ₁₂	M ₁₃	Sd/Sr
		[kg]	[kgm]	[kgm]	
Base	13	-299272.6	97049.6	162182.7	0.33
Sommità	13	-297591.0	84882.5	137202.1	0.28

S.L.E.	Combinazione	N	M ₁₂	M ₁₃	σ
		[kg]	[kgm]	[kgm]	[kg/cm ²]
Base					
sc Max	26	-289056.7	119480.7	25164.8	-33.5
sc Med	26	-289056.7	119480.7	25164.8	-15.1
st	26	-289056.7	119480.7	25164.8	28.3
sc	26	-289056.7	119480.7	25164.8	-497.5
Sommità					
sc Max	26	-289056.7	119480.7	25164.8	-33.5
sc Med	26	-289056.7	119480.7	25164.8	-15.1
st	26	-289056.7	119480.7	25164.8	28.3
sc	26	-289056.7	119480.7	25164.8	-497.5

▲ Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V_{ec}	α	V_{ed}	N_{ed}	M_{ed}	V_{ed}	$V_{ed, \text{ massimo}}$	S/R	
[m]	[m]	[m]	critica	[kg]		[kg]	[kg]	[kgm]	[kg]	[kg]		
44-48-52	1.00	0.50	12	-33563.0	1.00	-33563.0	74496.6	3201.8	129836.9	70114.6	105024.5	0.48
32-36-40-44	1.50	0.50	17	13995.9	1.00	13995.9	-105346.6	-20435.4	196763.2	106256.2	275060.1	0.12
12-28-32	1.00	0.50	1	43192.0	1.00	43192.0	-160004.8	-2479.5	129836.9	70114.6	206754.2	0.62
9-10-11-12	1.50	0.50	16	37609.0	1.00	37609.0	-28594.2	-34130.0	196763.2	106256.2	30040.2	0.35

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

▲ Armature Nucleo

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'
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 ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-413377.3	99135.4	10778.3	0.16
Sommità	1	-410739.8	76830.6	3910.2	0.15

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-281556.7	63857.9	7487.6	-22.9
sc Med	26	-281556.7	63857.9	7487.6	-14.5
st	24	-281556.7	63857.9	7487.6	-95.4
sc	26	-281556.7	63857.9	7487.6	-341.1
Sommità					
sc Max	26	-281556.7	63857.9	7487.6	-22.9
sc Med	26	-281556.7	63857.9	7487.6	-14.5
st	24	-281556.7	63857.9	7487.6	-95.4
sc	26	-281556.7	63857.9	7487.6	-341.1

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{ed}	α	V _{ed}	N _{ed}	M ₁₂	V _{ed}	V _{ed,scsomma}	S/R	
	[m]	[m]		[kg]		[kg]	[kg]	[kgm]	[kg]	[kg]		
886-890-894	1,00	0,50	19	8279,3	1,00	8279,3	-243063	-2245,9	129836,9	70314,6	170604,2	0,12
874-878-882-886	1,50	0,50	18	29042,1	1,00	29042,1	-79383,8	-3653,0	196763,2	106256,2	265718,0	0,27
860-870-874	1,00	0,50	17	17688,6	1,00	17688,6	-108899,4	-3615,2	129836,9	70314,6	205754,2	0,25
857-858-859-860	1,50	0,50	13	43519,8	1,00	43519,8	-135800,7	16656,7	196763,2	106256,2	218524,9	0,41

ANUCLEO 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 15'	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 ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-410739.8	76830.6	3908.2	0.15
Sommità	1	-408302.3	54525.7	-2359.3	0.14

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-279681.7	49952.1	3069.5	-20.3
sc Med	26	-279681.7	49952.1	3069.5	-14.4
st	24	-279681.7	49952.1	3069.5	-126.1
sc	26	-279681.7	49952.1	3069.5	-302.2

sc	26	-285306.7	91669.3	16325.9	-419.1
Sommità					
sc Max	26	-285306.7	91669.3	16325.9	-28.2
sc Med	26	-285306.7	91669.3	16325.9	-14.7
st	20	-313513.2	106047.8	17483.8	-29.9
sc	26	-285306.7	91669.3	16325.9	-419.1

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{ed}	α	N _u	M ₁₂	V _{red}	V _{tot}	S/R
	[m]	[m]		[kg]		[kg]	[kgm]	[kg]	[kg]	V _{tot} coefficient
595-599-604	1.00	0.50	14	11645.0	1.00	-54695.6	655.2	129836.9	70314.6	206754.1 0.17
583-587-591-595	1.50	0.50	19	26528.3	1.00	25628.3	-83761.6	-10125.7	196763.2	106256.2 274280.2 0.24
569-579-583	1.00	0.50	1	23515.2	1.00	23515.2	-102445.6	-2032.1	129836.9	70314.6 205754.2 0.34
566-567-568-569	1.50	0.50	13	42073.7	1.00	-42073.7	173269.9	226389.8	196763.2	106256.2 163548.8 0.40

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

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
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} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	13	-293778.7	61524.9	87415.7	0.18
Sommità	1	-413377.3	99135.4	10778.7	0.16

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-283431.7	77763.6	11906.1	-25.5
sc Med	26	-283431.7	77763.6	11906.1	-14.6
st	24	-283431.7	77763.6	11906.1	-64.7
sc	26	-283431.7	77763.6	11906.1	-380.1
Sommità					
sc Max	26	-283431.7	77763.6	11906.1	-25.5
sc Med	26	-283431.7	77763.6	11906.1	-14.6
st	24	-283431.7	77763.6	11906.1	-64.7
sc	26	-283431.7	77763.6	11906.1	-380.1

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{ed}	α	N _u	M ₁₂	V _{red}	V _{red,scsomma}	S/R		
	[m]	[m]		[kg]		[kg]	[kgm]	[kg]	[kg]			
741-745-749	1.00	0.50	19	63145.1	1.00	63145.1	-174387.7	-2649.9	129836.9	70314.6	136537.5	0.09
729-733-737-741	1.50	0.50	18	28071.2	1.00	28071.2	-75017.2	-3842.2	196763.2	106256.2	266183.8	0.26
715-725-729	1.00	0.50	17	18383.0	1.00	18383.0	-122462.9	-4493.8	129836.9	70314.6	205754.2	0.26
712-713-714-715	1.50	0.50	13	43381.6	1.00	-43381.6	-154478.8	196205.0	196763.2	106256.2	187440.2	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

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
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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'

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₅ [kgm]	Sd/Sr
Base	1	-405864.8	322.20.9	-8626.6	0.13
Sommità	1	-403427.3	9916.1	-14896.9	0.14

S.L.E.	Combinazione	N [kg]	M ₁₅ [kgm]	M ₁₅ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-275931.6	22140.6	-5767.7	-15.9
sc Med	26	-275931.6	22140.6	-5767.7	-14.2
st	24	-275931.6	22140.6	-5767.7	-185.7
sc	26	-275931.6	22140.6	-5767.7	-237.7
Sommità					
sc Max	26	-275931.6	22140.6	-5767.7	-15.9
sc Med	26	-275931.6	22140.6	-5767.7	-14.2
st	24	-275931.6	22140.6	-5767.7	-185.7
sc	26	-275931.6	22140.6	-5767.7	-237.7

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ed} critica [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{red} [kg]	V _{red,accidentale} S/R [kg]
1323-1327-1331	1.00	0.50	19	17860.2	1.00	17860.2	-44569.0	-1085.1	129836.9	70114.6	206754.1 0.25
1311-1315-1319-1323	1.50	0.50	19	24514.3	-91268.4	-3662.2	196763.2	106256.2	275852.9	0.23	
1296-1307-1311	1.00	0.50	17	13665.1	1.00	13665.1	-68199.4	-966.9	129836.9	70114.6	206754.2 0.19
1293-1294-1295-1296	1.50	0.50	13	-41542.7	1.00	-41542.7	-79539.6	76898.0	196763.2	106256.2	310130.9 0.39

ANUCLEO 6516 6517 6518 6519 7188 7939 6596 6601 9775 10518 11173 / Nodi: 6516 6517 6518 6519 7188 7939 6596 6601 9775 10518 11173

▲Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore	Armatura Verticale	Armatura Orizzontale
6516 6517	22	50	50	30	2x ø 20 15'	2x ø 12 20'
6517 6518	22	50	50	30	2x ø 20 15'	2x ø 12 20'
6518 6519	22	50	50	30	2x ø 20 15'	2x ø 12 20'
6519 7188	22	50	50	30	2x ø 20 15'	2x ø 12 20'
7188 7939	22	50	50	30	2x ø 20 15'	2x ø 12 20'
7939 6596	21	50	50	30	2x ø 14 20'	2x ø 12 20'
6596 6601	21	50	50	30	2x ø 14 20'	2x ø 12 20'
6601 9775	21	50	50	30	2x ø 14 20'	2x ø 12 20'
9775 10518	22	50	50	30	2x ø 20 15'	2x ø 12 20'
10518 11173	22	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₅ [kgm]	Sd/Sr
Base	1	-350796.4	38710.9	-28307.5	0.15
Sommità	1	-348358.9	322.24.0	-23705.8	0.14

S.L.E.	Combinazione	N [kg]	M ₁₅ [kgm]	M ₁₅ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-239137.5	21346.1	-18486.4	-19.6
sc Med	26	-239137.5	21346.1	-18486.4	-12.6
st	24	-239137.5	21346.1	-18486.4	-151.2
sc	26	-239137.5	21346.1	-18486.4	-293.4
Sommità					

Sommità						
sc Max	26	-279681.7	49952.1	3069.5	-20.3	
sc Med	26	-279681.7	49952.1	3069.5	-14.4	
st	24	-279681.7	49952.1	3069.5	-126.1	
sc	26	-279681.7	49952.1	3069.5	-302.2	

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{ed} critica	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{red} [kg]	S/R V _{red,accidentale}
1032-1036-1040	1.00	0.50	18	10614.3	1.00	10614.3	-40040.5	-10603	12983.69	70114.6	197746.7 0.15
1020-1024-1028-1032	1.50	0.50	18	28348.1	1.00	28348.1	-83916.9	-35784.1	196763.2	106256.2	271404.0 0.27
1006-1016-1020	1.00	0.50	17	16667.8	1.00	16667.8	-95296.5	-2724.7	12983.69	70114.6	206754.2 0.24
1003-1004-1005-1006	1.50	0.50	13	-43167.9	1.00	-43167.9	-116854.2	136349.5	196763.2	106256.2	263190.2 0.41

ANUCLEO 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	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 ₁₅ [kgm]	Sd/Sr
Base	1	-408302.3	545.25.8	-2359.3	0.14
Sommità	1	-405864.8	322.20.9	-8628.4	0.13

S.L.E.	Combinazione	N [kg]	M ₁₅ [kgm]	M ₁₅ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-277806.7	36046.3	-13500	-17.6
sc Med	26	-277806.7	36046.3	-13500	-14.3
st	24	-277806.7	36046.3	-13500	-156.8
sc	26	-277806.7	36046.3	-13500	-263.2
Sommità					
sc Max	26	-277806.7	36046.3	-13500	-17.6
sc Med	26	-277806.7	36046.3	-13500	-14.3
st	24	-277806.7	36046.3	-13500	-156.8
sc	26	-277806.7	36046.3	-13500	-263.2

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ed} critica [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{red} [kg]	V _{red,accidentale} S/R [kg]
1177-1181-1185	1.00	0.50	18	13861.2	1.00	13861.2	-43620.4	-1023.1	12983.6.9	70114.6	206754.1 0.20
1165-1169-1173-1177	1.50	0.50	18	26279.4	-89451.4	-3463.1	196763.2	106256.2	274067.9	0.25	
1151-1161-1165	1.00	0.50	17	15250.4	1.00	15250.4	-81602.5	-1826.3	12983.6.9	70114.6	206754.2 0.22
1148-1149-1150-1151	1.50	0.50	13	-42396.0	1.00	-42396.0	-98034.3	106332.7	196763.2	106256.2	310130.9 0.40

ANUCLEO 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	Armatura Verticale	Armatura Orizzontale
1293 1294	12	50	50	30	2x ø 20 15'	2x ø 14 15'

1590.1591	22	50	50	30	2x ø 20.15	2x ø 12.20
1591.1602	22	50	50	30	2x ø 20.15	2x ø 12.20
1602.1606	22	50	50	30	2x ø 20.15	2x ø 12.20
1606.1610	21	50	50	30	2x ø 14.20	2x ø 12.20
1610.1614	21	50	50	30	2x ø 14.20	2x ø 12.20
1614.1618	21	50	50	30	2x ø 14.20	2x ø 12.20
1618.1622	22	50	50	30	2x ø 20.15	2x ø 12.20
1622.1626	22	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	-345921.4	25737.2	-19107.7	0.13
Sommità	1	-343483.9	19250.3	-14507.8	0.13

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-235387.5	14482.7	-12495.0	-17.1
sc Med	26	-235387.5	14482.7	-12495.0	-12.5
st	24	-235387.5	14482.7	-12495.0	-16.10
Sommità	26	-235387.5	14482.7	-12495.0	-25.69
sc Max	26	-235387.5	14482.7	-12495.0	-17.1
sc Med	26	-235387.5	14482.7	-12495.0	-12.5
st	24	-235387.5	14482.7	-12495.0	-16.10
sc	26	-235387.5	14482.7	-12495.0	-25.69

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _c [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kg]	V _{ed} [kg]	V ₁₂ scissamento [kg]	S/R	
1618-1622-1626	1.00	0.50	19	4019.7	1.00	4019.7	-33628.3	-1321.4	129836.9	38634.6	0.0	0.10
1606-1610-1614-1618	1.50	0.50	19	9682.7	1.00	9682.7	-80174.7	-4459.8	196763.2	58549.4	0.0	0.17
1591-1602-1606	1.00	0.50	17	7422.0	1.00	7422.0	-71500.3	-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	-61901.6	-50262.4	196763.2	58549.4	0.0	0.16

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

▲Armature Nucleo

Nodi	Sezione	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 _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-343483.9	19250.3	-14507.8	0.13
Sommità	1	-341046.4	12763.3	-9908.9	0.12

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-233512.5	11050.9	-9501.3	-15.9
sc Med	26	-233512.5	11050.9	-9501.3	-12.4
st	24	-233512.5	11050.9	-9501.3	-16.58
sc	26	-233512.5	11050.9	-9501.3	-23.87
Sommità					
sc Max	26	-233512.5	11050.9	-9501.3	-15.9

sc Max	26	-239137.5	21346.1	-18486.4	-19.6
sc Med	26	-239137.5	21346.1	-18486.4	-12.6
st	24	-239137.5	21346.1	-18486.4	-151.2
sc	26	-239137.5	21346.1	-18486.4	-293.4

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ec} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	V _{ed} [kg]	V ₁₂ scissamento [kg]	S/R	
9775-10518-11173	1.00	0.50	14	-7197.1	1.00	-7197.1	-48805.1	221.7	129836.9	38634.6	0.0	0.19
7939-6586-6601-9775	1.50	0.50	19	7819.1	1.00	7819.1	-83001.7	-6544.0	196763.2	58549.4	0.0	0.13
6519-7188-7939	1.00	0.50	17	9840.4	1.00	9840.4	-85598.8	-2500.7	129836.9	38634.6	0.0	0.25
6516-6517-6518-6519	1.50	0.50	17	4866.5	1.00	4866.5	-55547.6	34892.6	196763.2	58549.4	0.0	0.08

▲NUCLEO 1439 1440 1441 1442 1452 1456 1460 1464 1468 1472 1476 / Nodi: 1439 1440 1441 1442 1452 1456 1460 1464 1468 1472 1476

▲Armature Nucleo

Nodi	Sezione	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
1439.1440	22	50	50	30	2x ø 20.15	2x ø 12.20
1440.1441	22	50	50	30	2x ø 20.15	2x ø 12.20
1441.1442	22	50	50	30	2x ø 20.15	2x ø 12.20
1442.1452	22	50	50	30	2x ø 20.15	2x ø 12.20
1452.1456	22	50	50	30	2x ø 20.15	2x ø 12.20
1456.1460	21	50	50	30	2x ø 14.20	2x ø 12.20
1460.1464	21	50	50	30	2x ø 14.20	2x ø 12.20
1464.1468	21	50	50	30	2x ø 14.20	2x ø 12.20
1468.1472	22	50	50	30	2x ø 20.15	2x ø 12.20
1472.1476	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	-348358.9	32224.0	-23705.0	0.14
Sommità	1	-345921.4	25737.1	-19106.9	0.13

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-237262.5	17914.4	-15491.0	-18.4
sc Med	26	-237262.5	17914.4	-15491.0	-12.5
st	24	-237262.5	17914.4	-15491.0	-15.61
Sommità	26	-237262.5	17914.4	-15491.0	-27.52
sc Max	26	-237262.5	17914.4	-15491.0	-18.4
sc Med	26	-237262.5	17914.4	-15491.0	-12.5
st	24	-237262.5	17914.4	-15491.0	-15.61
sc	26	-237262.5	17914.4	-15491.0	-27.52

▲Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _{ec}	α	V _{ed}	N _{ed}	M ₁₂	V _{ed}	V ₁₂	S/R
	[m]	[m]	[m]	[kg]		[kg]	[kg]	[kgm]	[kg]	[kg]	V _{Requirements}
1468-1472-1476	1.00	0.50	19	4983.2	1.00	4983.2	-29909.8	-1627.5	129836.9	38634.6	0.0 0.13
1456-1460-1464-1468	1.50	0.50	19	8788.0	1.00	8788.0	-81483.6	-5492.8	196763.2	58549.4	0.0 0.15
1442-1452-1456	1.00	0.50	17	8251.1	1.00	8251.1	-78074.3	-2035.2	129836.9	38634.6	0.0 0.21
1439-1440-1441-1442	1.50	0.50	17	7589.8	1.00	7589.8	-58749.7	42838.4	196763.2	58549.4	0.0 0.13

▲NUCLEO 1588 1589 1590 1591 1602 1606 1610 1614 1618 1622 1626 / Nodi: 1588 1589 1590 1591 1602 1606 1610 1614 1618 1622 1626

▲Armature Nucleo

Nodi	Sezione	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
1588.1589	22	50	50	30	2x ø 20.15	2x ø 12.20
1589.1590	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 _{es} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-338608.9	6276.6	-5309.9	0.11
Sommità	1	-336371.4	-210.4	-7100	0.11

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-229762.5	4187.5	-3511.3	-13.5
sc Med	26	-229762.5	4187.5	-3511.3	-12.2
st	24	-229762.5	4187.5	-3511.3	-17.56
sc	26	-229762.5	4187.5	-3511.3	-202.3
Sommità					
sc Max	26	-229762.5	4187.5	-3511.3	-13.5
sc Med	26	-229762.5	4187.5	-3511.3	-12.2
st	24	-229762.5	4187.5	-3511.3	-17.56
sc	26	-229762.5	4187.5	-3511.3	-202.3

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{es} critica [kg]	α	V _{es} [kg]	N _{es} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{res} [kg]	V _{res} sc. massimo [kg]	S/R
2066-2070-2074	1.00	0.50	19	5330.4	1.00	5330.4	44744.1	-391.8	129836.9	38634.6	0.0	0.14
2054-2058-2062-2066	1.50	0.50	19	9210.1	1.00	9210.1	75931.4	-1322.3	196763.2	58549.4	0.0	0.16
2054-2058-2062-2066	1.00	0.50	17	5832.0	1.00	5832.0	50062.6	-278.8	129836.9	38634.6	0.0	0.15
2037-2038-2039-2040	1.50	0.50	17	9259.8	1.00	9259.8	71576.1	73642.8	196763.2	58549.4	0.0	0.16

ANUCLEO 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 [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
2186.2187	22	50	50	30	2x ø 20.15'	2x ø 12.20'
2187.2188	22	50	50	30	2x ø 20.15'	2x ø 12.20'
2188.2189	22	50	50	30	2x ø 20.15'	2x ø 12.20'
2189.2199	22	50	50	30	2x ø 20.15'	2x ø 12.20'
2199.2204	22	50	50	30	2x ø 20.15'	2x ø 12.20'
2204.2208	21	50	50	30	2x ø 14.20'	2x ø 12.20'
2208.2212	21	50	50	30	2x ø 14.20'	2x ø 12.20'
2212.2216	21	50	50	30	2x ø 14.20'	2x ø 12.20'
2216.2220	22	50	50	30	2x ø 20.15'	2x ø 12.20'
2220.2224	22	50	50	30	2x ø 20.15'	2x ø 12.20'

Sezione	Comb.	N _{es} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-336371.4	-210.4	-709.2	0.11
Sommità	1	-333734.0	-6697.3	3888.1	0.11

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-227887.5	755.7	-515.5	-12.3
sc Med	26	-227887.5	755.7	-515.5	-12.1
st	24	-227887.5	755.7	-515.5	-180.5
sc	26	-227887.5	755.7	-515.5	-184.1
Sommità					
sc Max	26	-227887.5	755.7	-515.5	-12.3
sc Med	26	-227887.5	755.7	-515.5	-12.1

sc Med	26	-233512.5	11050.9	-9501.3	-12.4
st	24	-233512.5	11050.9	-9501.3	-165.8
sc	26	-233512.5	11050.9	-9501.3	-238.7

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{es} critica [kg]	α	V _{es} [kg]	N _{es} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{res} [kg]	V _{res} sc. massimo [kg]	S/R
1767-1771-1775	1.00	0.50	19	3632.2	1.00	3632.2	37495.6	-1004.2	129836.9	38634.6	0.0	0.09
1755-1759-1763-1767	1.50	0.50	19	9906.6	1.00	9906.6	78838.8	-3389.3	196763.2	58549.4	0.0	0.17
1741-1751-1755	1.00	0.50	17	7064.6	1.00	7064.6	64261.8	-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	46348.7	58139.7	196763.2	58549.4	0.0	0.17

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

▲Armature 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 _{es} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-341046.4	12763.3	-9908.9	0.12
Sommità	1	-338608.9	6276.5	-5309.9	0.11

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-231637.5	7619.2	-6505.9	-14.7
sc Med	26	-231637.5	7619.2	-6505.9	-12.3
st	24	-231637.5	7619.2	-6505.9	-170.7
sc	26	-231637.5	7619.2	-6505.9	-220.5
Sommità					
sc Max	26	-231637.5	7619.2	-6505.9	-14.7
sc Med	26	-231637.5	7619.2	-6505.9	-12.3
st	24	-231637.5	7619.2	-6505.9	-170.7
sc	26	-231637.5	7619.2	-6505.9	-220.5

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{es} critica [kg]	α	V _{es} [kg]	N _{es} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{res} [kg]	V _{res} sc. massimo [kg]	S/R
1917-1921-1925	1.00	0.50	19	3914.3	1.00	3914.3	41178.9	-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	56885.2	-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	48352.9	66009.4	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

▲Armature 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'

7285 6592	32	50	50	30	2x ø 20 15'	2x ø 12 20'
6592 6496	31	50	50	30	2x ø 14 20'	2x ø 12 20'
6496 6501	31	50	50	30	2x ø 14 20'	2x ø 12 20'
6501 9875	31	50	50	30	2x ø 14 20'	2x ø 12 20'
9875 10618	32	50	50	30	2x ø 20 15'	2x ø 12 20'
10618 11273	32	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	-2696397	411907	-112504	0.10
Sommità	1	-2672021	325223	-86532	0.09

S.L.E.	Combinazione	N [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm²]
Base					
sc Max	26	-183182.7	24053.3	-7101.8	-11.9
sc Med	26	-183182.7	24053.3	-7101.8	-9.7
st	24	-183182.7	24053.3	-7101.8	-116.1
sc	26	-183182.7	24053.3	-7101.8	-177.7
Sommità					
sc Max	26	-183182.7	24053.3	-7101.8	-11.9
sc Med	26	-183182.7	24053.3	-7101.8	-9.7
st	24	-183182.7	24053.3	-7101.8	-116.1
sc	26	-183182.7	24053.3	-7101.8	-177.7

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _u [kg]	α	V _u [kg]	N _u [kg]	M _u [kgm]	V _u [kg]	V _u [kg]	V _u [kg]	S/R
9875-10618-11273	1.00	0.50	19	86795	1.00	86795	-23511.3	-1116.7	129836.9	38634.6	0.0	0.22
6592-6496-6501-9875	1.50	0.50	19	59307	1.00	59307	-46093.6	-3769.0	196763.2	58549.4	0.0	0.10
6618-7288-6592	1.00	0.50	17	72499	1.00	72499	-63747.5	-1775.1	129836.9	38634.6	0.0	0.19
6616-6617-6618-6619	1.50	0.50	12	-55314	1.00	-55314	-65529.9	75102.6	196763.2	58549.4	0.0	0.09

▲ANUCLEO 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	B [m]	H [m]	Spessore	Armatura	Armatura
	Numero	Numero	Numero	Numero	Verticale	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'
2498 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 _u [kg]	M _u [kgm]	M _u [kgm]	Sd/sr
Base	1	-2672022	325224	-86546	0.09
Sommità	1	-2647647	238540	-60576	0.09

S.L.E.	Combinazione	N [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm²]
Base					
sc Max	26	-181307.7	19068.1	-5456.8	-11.3
sc Med	26	-181307.7	19068.1	-5456.8	-9.6
st	24	-181307.7	19068.1	-5456.8	-120.6
sc	26	-181307.7	19068.1	-5456.8	-168.5
Sommità					
sc Max	26	-181307.7	19068.1	-5456.8	-11.3
sc Med	26	-181307.7	19068.1	-5456.8	-9.6
st	24	-181307.7	19068.1	-5456.8	-120.6

st	24	-227887.5	7557	-515.5	-180.5
sc	26	-227887.5	7557	-515.5	-184.1

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _u [kg]	α	V _u [kg]	N _u [kg]	M _u [kgm]	V _u [kg]	V _u [kg]	V _u [kg]	S/R
2216-2220-2224	1.00	0.50	19	8771.3	1.00	8771.3	-48535.5	-800	129836.9	38634.6	0.0	0.23
2204-2208-2212-2216	1.50	0.50	17	7777.1	1.00	7777.1	-67433.6	-3945	196763.2	58549.4	0.0	0.13
2189-2199-2204	1.00	0.50	17	4743.0	1.00	4743.0	-43124.1	1585	129836.9	38634.6	0.0	0.12
2186-2187-2188-2189	1.50	0.50	17	7562.3	1.00	7562.3	-74691.9	81198.6	196763.2	58549.4	0.0	0.13

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

▲Armature Nucleo

Nodi	Sezione	B [m]	H [m]	Spessore	Armatura	Armatura
	Numero	Numero	Numero	Numero	Verticale	Orizzontale
2336 2337	22	50	50	30	2x ø 20 15'	2x ø 12 20'
2337 2338	22	50	50	30	2x ø 20 15'	2x ø 12 20'
2338 2339	22	50	50	30	2x ø 20 15'	2x ø 12 20'
2339 2349	22	50	50	30	2x ø 20 15'	2x ø 12 20'
2349 2353	22	50	50	30	2x ø 20 15'	2x ø 12 20'
2353 2357	21	50	50	30	2x ø 14 20'	2x ø 12 20'
2357 2361	21	50	50	30	2x ø 14 20'	2x ø 12 20'
2361 2365	21	50	50	30	2x ø 14 20'	2x ø 12 20'
2365 2369	22	50	50	30	2x ø 20 15'	2x ø 12 20'
2369 2373	22	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	-333733.9	-6897.3	3888.9	0.11
Sommità	1	-331296.4	-13184.2	8489.6	0.11

S.L.E.	Combinazione	N [kg]	M _u [kgm]	M _u [kgm]	σ [kg/cm²]
Base					
sc Max	26	-226012.5	-2676.0	2478.8	-12.4
sc Med	26	-226012.5	-2676.0	2478.8	-12.0
st	24	-226012.5	-2676.0	2478.8	-165.9
sc	26	-226012.5	-2676.0	2478.8	-185.3
Sommità					
sc Max	26	-226012.5	-2676.0	2478.8	-12.4
sc Med	26	-226012.5	-2676.0	2478.8	-12.0
st	24	-226012.5	-2676.0	2478.8	-165.9
sc	26	-226012.5	-2676.0	2478.8	-185.3

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _u [kg]	α	V _u [kg]	N _u [kg]	M _u [kgm]	V _u [kg]	V _u [kg]	V _u [kg]	S/R
2365-2369-2373	1.00	0.50	19	13007.7	1.00	13007.7	-52465.6	-2399	129836.9	38634.6	0.0	0.34
2353-2357-2361-2365	1.50	0.50	17	6613.0	1.00	6613.0	-46380.1	17062	196763.2	58549.4	0.0	0.11
2339-2349-2353	1.00	0.50	12	-4043.0	1.00	-4043.0	-50387.5	-348.6	129836.9	38634.6	0.0	0.10
2336-2337-2338-2339	1.50	0.50	17	4173.8	1.00	4173.8	-77910.8	89093.1	196763.2	58549.4	0.0	0.07

▲ANUCLEO 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

Nodi	Sezione	B [m]	H [m]	Spessore	Armatura	Armatura
	Numero	Numero	Numero	Numero	Verticale	Orizzontale
6616 6617	32	50	50	30	2x ø 20 15'	2x ø 12 20'
6617 6618	32	50	50	30	2x ø 20 15'	2x ø 12 20'
6618 6619	32	50	50	30	2x ø 20 15'	2x ø 12 20'
6619 7288	32	50	50	30	2x ø 20 15'	2x ø 12 20'

Sezione	Comb.	N _u			M _u			S _d /S _r		
		[kg]	[kg]	[kg]	[kgm]	[kgm]	[kgm]			
Base	1	-262327.2	15185.7	-3462.3	0.09					
Sommità	1	-259889.7	6517.3	-864.7	0.08					

S.L.E.	Combinazione	N			M _u			σ		
		[kg]	[kg]	[kg]	[kgm]	[kgm]	[kgm]	[kg/cm²]		
Base										
sc Max	26	-177557.7	9097.8	-2167.5	-10.0					
sc Med	26	-177557.7	9097.8	-2167.5	-9.4					
st	24	-177557.7	9097.8	-2167.5	-1.29.7					
sc	26	-177557.7	9097.8	-2167.5	-1.50.2					
Sommità										
sc Max	26	-177557.7	9097.8	-2167.5	-10.0					
sc Med	26	-177557.7	9097.8	-2167.5	-9.4					
st	24	-177557.7	9097.8	-2167.5	-1.29.7					
sc	26	-177557.7	9097.8	-2167.5	-1.50.2					

Diaframma	B	H	Comb.	V _u	α	V _u	N _u	M _u	V _u d	V _u es	V _u requisito	S/R
	[m]	[m]	[m]	[kg]	critica	[kg]	[kg]	[kgm]	[kg]	[kg]	[kg]	[kg]
2802-2806-2810-2814	1.50	0.50	19	4587.5	1.00	4587.5	34150.6	-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	-57741.3	-977.3	196763.2	58549.4	0.0	0.19
2787-2797-2802	1.00	0.50	17	5859.2	1.00	5859.2	-45941.34	-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	-50413.4	-48164.1	196763.2	58549.4	0.0	0.16

▲ Verifiche a taglio dei diaframmi

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

Sezione	Comb.	N _u			M _u			S _d /S _r		
		[kg]	[kg]	[kg]	[kgm]	[kgm]	[kgm]			
Base	1	-259889.7	6517.3	-864.7	0.08					
Sommità	1	-257452.2	-2151.1	1730.6	0.08					

S.L.E.	Combinazione	N			M _u			σ		
		[kg]	[kg]	[kg]	[kgm]	[kgm]	[kgm]	[kg/cm²]		
Base										
sc Max	26	-175682.7	4112.5	-520.2	-9.6					
sc Med	26	-175682.7	4112.5	-520.2	-9.3					
st	24	-175682.7	4112.5	-520.2	-1.33.8					
sc	26	-175682.7	4112.5	-520.2	-1.44.0					
Sommità										
sc Max	26	-175682.7	4112.5	-520.2	-9.6					
sc Med	26	-175682.7	4112.5	-520.2	-9.3					
st	24	-175682.7	4112.5	-520.2	-1.33.8					
sc	26	-175682.7	4112.5	-520.2	-1.44.0					

sc	26	-181307.7	19068.1	-5456.8	-1.68.5
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▲ Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _u	α	V _u	N _u	M _u	V _u d	V _u es	V _u requisito	S/R
	[m]	[m]	[m]	[kg]	critica	[kg]	[kg]	[kgm]	[kg]	[kg]	[kg]	[kg]
2515-2519-2523	1.00	0.50	19	7472.9	1.00	7472.9	27102.0	-840.5	129836.9	38634.6	0.0	0.19
2503-2507-2511-2515	1.50	0.50	19	8199.2	1.00	8199.2	-59563.7	-2835.6	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	-44468.5	-33591.0	196763.2	58549.4	0.0	0.12

ANUCLEO 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

Sezione	Comb.	N _u			M _u			S _d /S _r		
		[kg]	[kg]	[kg]	[kgm]	[kgm]	[kgm]			
Base	1	-364764.7	23854.0	-6687.3	0.09					
Sommità	1	-262327.2	15185.6	-3462.8	0.09					

S.L.E.	Combinazione	N			M _u			σ		
		[kg]	[kg]	[kg]	[kgm]	[kgm]	[kgm]	[kg/cm²]		
Base										
sc Max	26	-179432.7	14082.9	-3810.9	-10.6					
sc Med	26	-179432.7	14082.9	-3810.9	-9.5					
st	24	-179432.7	14082.9	-3810.9	-1.25.1					
sc	26	-179432.7	14082.9	-3810.9	-1.59.4					
Sommità										
sc Max	26	-179432.7	14082.9	-3810.9	-10.6					
sc Med	26	-179432.7	14082.9	-3810.9	-9.5					
st	24	-179432.7	14082.9	-3810.9	-1.25.1					
sc	26	-179432.7	14082.9	-3810.9	-1.59.4					

▲ Verifiche a taglio dei diaframmi

Diaframma	B	H	Comb.	V _u	α	V _u	N _u	M _u	V _u d	V _u es	V _u requisito	S/R
	[m]	[m]	[m]	[kg]	critica	[kg]	[kg]	[kgm]	[kg]	[kg]	[kg]	[kg]
2664-2668-2672	1.00	0.50	19	5408.3	1.00	5408.3	-30703.8	-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	-58712.7	-1899.0	196763.2	58549.4	0.0	0.18
2638-2648-2652	1.00	0.50	17	5866.9	1.00	5866.9	-50340.6	-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	-47610.5	-41056.4	196763.2	58549.4	0.0	0.15

ANUCLEO 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

Sezione	Comb.	N _u			M _u			S _d /S _r		
		[kg]	[kg]	[kg]	[kgm]	[kgm]	[kgm]			
Base	1	-259889.7	6517.3	-864.7	0.08					
Sommità	1	-257452.2	-2151.1	1730.6	0.08					

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'

Sezione	Comb.	N _{e4} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-255014.7	-10819.4	4327.0	0.09
Sommità	1	-252577.2	-19487.7	6922.4	0.09

S.L.E.	Combinazione	N [kg]	M ₁₂ [g/m]	M ₁₅ [kg/m]	σ [kg/cm ²]
Base	26	-17193.27	-58578	27669	-96
	sc Max				
	sc Med				
	sc				
Sommità	26	-17193.27	-58578	27669	-143.3
	sc Max				
	sc Med				
	sc				

▲ Verifiche a taglio dei diaframmi

[illegible]

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

▲Armature Nucleo

Noti	Sazione Numero	B	H	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
3352/3383	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 _{e4} [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	Sd/Sr
Base	1	-252577.2	-19487.7	6922.4	0.09
Sommità	1	-250139.7	-28156.1	9519.5	0.09

S.L.E.	Combinazione	N [kg]	M ₁₂ [μg/m]	M ₁₃ [μg]	σ [kg/cm ²]
Basse					
sc Max	26	-170057.7	-10843.0	4415.4	-9.9
	26	-170057.7	-10843.0	4415.4	-9.0
	26	-170057.7	-10843.0	4415.4	-113.6
	24	-170057.7	-10843.0	4415.4	-147.9
Sommità					
sc Max	26	-170057.7	-10843.0	4415.4	-9.9
	26	-170057.7	-10843.0	4415.4	-9.0
	26	-170057.7	-10843.0	4415.4	-113.6
	24	-170057.7	-10843.0	4415.4	-147.9

▲ Verifiche a taglio dei diaframmi

Diagramma	B	H	comba	V _e	α	V _{da}	N _{da}	M _{da}	V _{max}	V _{min}	V _{max/min}	S/R
	m	m		m³		[kg]		[kg/m]	[m³]	[m³]	[kg]	
2963-2967-2971	1,00	0,50	19	4784,3	1,00	4784,3	37497,2	-35	129836,9	366346	0,0	0,12
2951-2955-2959-2963	1,50	0,50	19	11202,1	1,00	11201,6	56468,7	-117	196763,2	58549,4	0,0	0,19
2937-2947-2951	1,50	0,50	17	5622,4	1,00	5622,4	36201,8	-591	129836,9	366346	0,0	0,15
2934-2936-2937	1,50	0,50	17	9167,3	1,00	9167,3	53584,0	196763,2	58549,4	196763,2	0,0	0,16

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

▲Armature Nucleo

Sezione	Numero	B	H	Spessore [cm]	Amatura Verticale	Amatura Orizzontale
Nodi	3083 3084	32	50	50	30	2x a 20'15"
	3084 3085	32	50	50	30	2x a 20'15"
	3085 3086	32	50	50	30	2x a 20'15"
	3086 3087	32	50	50	30	2x a 20'15"
Nodi	3088 3096	32	50	50	30	2x a 20'15"
	3089 3097	32	50	50	30	2x a 20'15"
	3090 3101	32	50	50	30	2x a 20'15"
	3091 3102	32	50	50	30	2x a 20'15"
Nodi	3103 3105	31	50	50	30	2x a 14'20"
	3105 3109	31	50	50	30	2x a 14'20"
	3109 3113	31	50	50	30	2x a 14'20"
	3113 3117	32	50	50	30	2x a 20'15"
Nodi	3117 3121	32	50	50	30	2x a 20'15"
	3121 3125	32	50	50	30	2x a 20'15"

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₀ [kgm]	Sd/Sr
Base	1	-2574522	-21510	17306	0.08
Sommità	1	-2550147	-108194	43260	0.09

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₁ [kgm]	σ [kg/cm ²]
Base	Base	26	-173807.7	-872.6	1124.8
	sc Max	26	-173807.7	-872.6	1124.8
	sc Med	26	-173807.7	-872.6	-9.2
	sc Min	26	-173807.7	-872.6	-131.7
Sornita	Base	24	-173807.7	-872.6	1124.8
	sc Max	26	-173807.7	-872.6	1124.8
	sc Med	26	-173807.7	-872.6	-9.2
	sc Min	24	-173807.7	-872.6	-131.7

▲ Verifiche a taglio dei diaframmi

Diagramma	B	H	Comb.	V _c	α	V ₀	N ₀	M ₀	V ₀	V ₀	V ₀	S/R
	m	m	critica	[kg]		[kg]	[kg]	[kg]	[kg]	[kg]	V ₀ max/min	
3113-3117-3121	1,00	0,50	19	6300 ± 1,00	6300 ± 1,00	6300 ± 1,00	414227	27724	1298369	386346	0,0	0,16
3101-3105-3109-3113	1,50	0,50	19	10468 ± 1,00	10468 ± 1,00	10468 ± 1,00	560048	9194	1967632	585094	0,0	0,18
3006-3096-3101	1,00	0,50	17	4959 ± 1,00	4959 ± 1,00	4959 ± 1,00	299114	3447	1298369	386346	0,0	0,13
3083-3084-3085-3086	1,50	0,50	17	8418 ± 1,00	8418 ± 1,00	8418 ± 1,00	562983	95604	626983	585094	0,0	0,14

▲NUCLEO 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

Noti	Salsina Numero	B	H	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
3225 3234	32	50	50	30	2xø 20 15'	2xø 12 20'
3224 3235	32	50	50	30	2xø 20 15	2xø 12 20'
3225 3236	32	50	50	30	2xø 20 15	2xø 12 20'
3226 3246	32	50	50	30	2xø 20 15	2xø 12 20'
3226 3245	32	50	50	30	2xø 20 15	2xø 12 20'
3226 3250	32	50	50	30	2xø 20 15	2xø 12 20'
3250 3254	31	50	50	30	2xø 14 20'	2xø 12 20'

3565 3569	42	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	1	-181581.5	29726.6	-10108.4	0.07
Sommità	1	-179144.0	19156.2	-6839.2	0.06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-122400.1	17401.3	-6521.2	-8.6
sc Med	26	-122400.1	17401.3	-6521.2	-6.5
st	24	-122400.1	17401.3	-6521.2	-7.68
sc	26	-122400.1	17401.3	-6521.2	-12.89
Sommità					
sc Max	26	-122400.1	17401.3	-6521.2	-8.6
sc Med	26	-122400.1	17401.3	-6521.2	-6.5
st	24	-122400.1	17401.3	-6521.2	-7.68
sc	26	-122400.1	17401.3	-6521.2	-12.89

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-179144.0	19156.2	-6839.7	0.06
Sommità	1	-176706.5	8586.8	-3569.4	0.06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-120525.1	11174.9	-4408.5	-7.8
sc Med	26	-120525.1	11174.9	-4408.5	-6.4
st	24	-120525.1	11174.9	-4408.5	-8.29
sc	26	-120525.1	11174.9	-4408.5	-11.74
Sommità					
sc Max	26	-120525.1	11174.9	-4408.5	-7.8
sc Med	26	-120525.1	11174.9	-4408.5	-6.4
st	24	-120525.1	11174.9	-4408.5	-8.29
sc	26	-120525.1	11174.9	-4408.5	-11.74

▲Verifiche a taglio dei diaframmi

▲NUCLEO 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

Diaframma	B [m]	H [m]	Comb.	V _{ec} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{res,corrente} [kg]	S/R
3412-3416-3420	1.00	0.50	19	14367.0	1.00	14367.0	-48597.3	8264	129836.9	38634.6	0.0 0.37
3399-3404-3408-3412	1.50	0.50	19	5691.2	1.00	5691.2	-54300.9	2789.3	196763.2	58549.4	0.0 0.10
3386-3395-3399	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	0.30	12	-6491.9	1.00	-6491.9	-42857.5	39274.3	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]	Comb.	V _{ec} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{res,corrente} [kg]	Sd/Sr
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 _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-184019.0	40297.0	-13377.8	0.07
Sommità	1	-181581.5	29726.6	-10108.0	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-124275.1	23627.7	-8633.1	-9.4
sc Med	26	-124275.1	23627.7	-8633.1	-6.6
st	23	-125591.1	24522.8	-8932.5	-70.8
sc	26	-124275.1	23627.7	-8633.1	-140.3
Sommità					
sc Max	26	-124275.1	23627.7	-8633.1	-9.4
sc Med	26	-124275.1	23627.7	-8633.1	-6.6
st	23	-125591.1	24522.8	-8932.5	-70.8
sc	26	-124275.1	23627.7	-8633.1	-140.3

▲Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ec} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{res,corrente} [kg]	S/R
9975-10718-11373	1.00	0.50	19	10451.7	1.00	10451.7	-16306.4	-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	-4047.1	196763.2	58549.4	0.0 0.10
6716-7388-6292	1.00	0.50	17	6454.6	1.00	6454.6	-47059.4	-14374	129836.9	38634.6	0.0 0.17
6716-6717-6718-6719	1.50	0.30	12	-4104.6	1.00	-4104.6	-44501.4	48869.4	196763.2	58549.4	0.0 0.07

▲NUCLEO 3532 3533 3534 3535 3545 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]	Comb.	V _{ec} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{res,corrente} [kg]	Sd/Sr
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'					

4014.4018		42	50	50	30	2x ø 20 15'	2x ø 12 20'
Sezione							
Base	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr		
Sommità	1	-174269.0	-1984.6	-301.5	0.06		
		-171831.5	-12554.9	2967.9	0.06		

S.L.E.		Combinazione		N	M ₁₂	M ₁₃	σ
				[kg]	[kgm]	[kgm]	[kg/cm ²]
Base							
sc Max		26	-116775.1	-1277.9	-183.9	-64	
sc Med		26	-116775.1	-1277.9	-183.9	-62	
st		24	-116775.1	-1277.9	-183.9	-90.3	
sc		26	-116775.1	-1277.9	-183.9	-95.4	
Sommità							
sc Max		26	-116775.1	-1277.9	-183.9	-64	
sc Med		26	-116775.1	-1277.9	-183.9	-62	
st		24	-116775.1	-1277.9	-183.9	-90.3	
sc		26	-116775.1	-1277.9	-183.9	-95.4	

▲Verifiche a taglio dei diaframmi

Diaframma		B [m]	H [m]	Comb.	V _{ac} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	V _{ed} [kg]	V _{res} [kg]	V _{res,comune} S/R	
4010-4014-4018		1.0	0.50	1	4786.9	1.00	4786.9	-30075.5	339.3	129836.9	38634.6	0.0	0.12
3997-4002-4006-4010		1.50	0.50	1	10929.5	1.00	10929.5	-52484.2	90.1	196763.2	58549.4	0.0	0.19
3983-3993-3997		1.0	0.50	17	5658.2	1.00	5658.2	-19990.0	253.2	129836.9	38634.6	0.0	0.15
3980-3981-3982-3983		1.50	0.50	16	8729.5	1.00	8729.5	-34256.9	36547.2	196763.2	58549.4	0.0	0.15

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

▲Armature Nucleo

Nodi		Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
4130 4131							
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 _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-171831.5	-12555.0	2967.4	0.06	
Sommità	1	-169394.0	-23125.4	6237.1	0.06	

S.L.E.		Combinazione		N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base							
sc Max sc Med st sc		26	-114900.1	-7504.3	1928.4	-67	
		26	-114900.1	-7504.3	1928.4	-61	
		24	-114900.1	-7504.3	1928.4	-83.2	
		26	-114900.1	-7504.3	1928.4	-100.9	
Sommità							
sc Max sc Med st sc		26	-114900.1	-7504.3	1928.4	-67	
		26	-114900.1	-7504.3	1928.4	-61	
		24	-114900.1	-7504.3	1928.4	-83.2	
		26	-114900.1	-7504.3	1928.4	-100.9	

▲ Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Comb.	V _{ac} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgm]	V _{ed} [kg]	V _{res} [kg]	V _{res,comune} S/R
3711-3715-3719	1.00	0.50	19	5794.4	1.00	5794.4	-23174.5	-204.5	129836.9	38634.6	0.0 0.15
3698-3702-3707-3711	1.50	0.50	1	10068.1	1.00	10068.1	-54501.5	-1736.2	196763.2	58549.4	0.0 0.17
3684-3694-3698	1.00	0.50	17	5636.1	1.00	5636.1	-31762.6	-615.0	129836.9	38634.6	0.0 0.15
3681-3682-3683-3684	1.50	0.50	16	8063.3	1.00	8063.3	-28100.8	22019.2	196763.2	58549.4	0.0 0.14

▲NUCLEO 3831 3832 3833 3834 3848 3852 3856 3860 3864 3868 / Nodi: 3831 3832 3833 3834 3848 3852 3856 3860 3864 3868

▲Armature Nucleo

Nodi		Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
3831 3832							
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 3848		42	50	50	30	2x ø 20 15'	2x ø 12 20'
3848 3852		41	50	50	30	2x ø 20 15'	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 _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-176706.5	8585.8	-3571.2	0.06	
Sommità	1	-174269.0	-1984.6	-301.0	0.06	

S.L.E.		Combinazione	N	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base						
	sc Max	26	-118650.1	4948.5	-2296.1	-7.1
	sc Med	26	-118650.1	4948.5	-2296.1	-6.3
	st	24	-118650.1	4948.5	-2296.1	-88.9
	sc	26	-118650.1	4948.5	-2296.1	-106.0
Sommità						
	sc Max	26	-118650.1	4948.5	-2296.1	-7.1
	sc Med	26	-118650.1	4948.5	-2296.1	-6.3
	st	24	-118650.1	4948.5	-2296.1	-88.9
	sc	26	-118650.1	4948.5	-2296.1	-106.0

▲Verifiche a taglio dei diaframmi

Diaframma		B	H	Comb.	V _{ac}	α	V _{ed}	N _{ed}	M ₁₂	V _{ed}	V _{res}	V _{res,comune} S/R
[m]	[m]	[m]	[m]		[kg]		[kg]	[kg]	[kgm]	[kg]	[kg]	[kg]
3860-3864-3868	1.00	0.50	19	4689.7	1.00	4689.7	26562.1	67.0	129836.9	38634.6	0.0	0.12
3848-3852-3856-3860	1.50	0.50	1	10885.7	1.00	10885.7	53493.0	-823.1	196763.2	58549.4	0.0	0.19
3834-3844-3848	1.00	0.50	17	5788.7	1.00	5788.7	26965.1	-184.4	129836.9	38634.6	0.0	0.15
3831-3837-3833-3834	1.50	0.50	16	8752.2	1.00	8752.2	31136.6	29194.4	196763.2	58549.4	0.0	0.15

▲NUCLEO 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							
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'

Sezione	Comb.	N ₁₀				M ₁₂				M ₁₃				Sd/Sr
		42	50	50	30	2x ø	20 15'	2x ø	20 15'	2x ø	20 15'	2x ø	20 15'	
4462 4466														
Base	1		-13695,65				-33695,8				9506,0			0,06
Somma	1		-16451,90				-44266,3				12775,5			0,07

			log ₁₀	log ₁₀	log ₁₀	log ₁₀
Base	26	-11150.1	-19957.2	6153.3	-7.6	
sc Max	26	-11150.1	-19957.2	6153.3	-5.9	
sc Med	26	-11150.1	-19957.2	6153.3	-6.03	
st	24	-11150.1	-19957.2	6153.3	-11.29	
sc	26	-11150.1	-19957.2	6153.3	-11.29	
Sommita	26	-11150.1	-19957.2	6153.3	-7.6	
sc Max	26	-11150.1	-19957.2	6153.3	-5.9	
sc Med	26	-11150.1	-19957.2	6153.3	-6.03	
st	26	-11150.1	-19957.2	6153.3	-11.29	
sc	26	-11150.1	-19957.2	6153.3	-11.29	

▲ Verifiche a taglio dei diaframmi

Diagramma	B	H	Comb.	V_{tot}	α	V_{tot}	N_{tot}	M_{tot}	V_{tot}	V_{tot}	V_{tot}	S/R
	[cm]	[cm]	[cm]	[kg]		[kg]		[kgm]	[kg]	[kg]	[kg]	
4438-4462-4466	1.00	1.50	1	144186	1.00	144186	454843	8384	1298369	386346	0.0	0.37
4438-4462-4446	1.00	1.50	17	52343	1.00	52343	174722	1967632	5850494	0.0	0.09	
4446-4450-4454-4458	1.50	1.50	17	38990	1.00	38990	-2043	15028	1298636	386346	0.0	0.08
4432-4442-4446	1.00	1.50	12	45622	1.00	45622	256719	222831	1967632	5850494	0.0	0.08

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

Sezione	B.	H.	Spessore	Armatura	Armatura
Numero	Sezione	[cm]	[cm]	Verticale	Orizzontale
6815 6817	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
6817 6818	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
6818 6819	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
6819 7488	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
7488 6392	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
6392 6396	51	50	30	2x ϕ 14 20'	2x ϕ 12 20'
6396 6401	51	50	30	2x ϕ 14 20'	2x ϕ 12 20'
6401 10075	51	50	30	2x ϕ 14 20'	2x ϕ 12 20'
10075 10818	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
10818 11473	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'

Sezione	Comb.	N _{id} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	16	-59803.8	25157.7	-26894.6	0.06
Sommità	16	-58501.0	13812.0	-17528.3	0.04

S.L.E.	Combinazione	N [kg]	M ₂₀ [kgm]	M ₃₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-62588.4	21463.0	-8531.8	-61
sc Med	24	-62588.4	21463.0	-8531.8	-33
sc	21	-64395.0	23903.0	-9192.3	-232
sc	26	-62588.4	21463.0	-8531.8	-91.6
Sommata					
sc Max	26	-62588.4	21463.0	-8531.8	-61
sc Med	24	-62588.4	21463.0	-8531.8	-33
sc	21	-64395.0	23903.0	-9192.3	-232
sc	26	-62588.4	21463.0	-8531.8	-91.6

[illegible]

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

▲Armature Nucleo

Sezione	Numero	B	H	Spessore	Verticale	Armatura	Orizzontale
4279.4280	42	50	50	30	2x ø 20.15	2x ø 12.20	2x ø 12.20
4280.4281	42	50	50	30	2x ø 20.15	2x ø 12.20	2x ø 12.20
4281.4282	42	50	50	30	2x ø 20.15	2x ø 12.20	2x ø 12.20
4282.4283	42	50	50	30	2x ø 20.15	2x ø 12.20	2x ø 12.20
4282.4292	42	50	50	30	2x ø 20.15	2x ø 12.20	2x ø 12.20
4292.4296	42	50	50	30	2x ø 20.15	2x ø 12.20	2x ø 12.20
4296.4301	41	50	50	30	2x ø 14.20	2x ø 12.20	2x ø 12.20
4304.4305	41	50	50	30	2x ø 14.20	2x ø 12.20	2x ø 12.20
4305.4309	41	50	50	30	2x ø 14.20	2x ø 12.20	2x ø 12.20
4309.4313	42	50	50	30	2x ø 20.15	2x ø 12.20	2x ø 12.20
4313.4317	42	50	50	30	2x ø 20.15	2x ø 12.20	2x ø 12.20

Sezione	Comb.	N ₆₀ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-169394.0	-23125.4	6237.5	0.06
Sommità	1	-166956.5	-33695.8	9506.4	0.06

S.L.E.	Combinazione	N [kg]	M ₂₀ [kg/m]	M ₃₀ [kg/m]	σ [kg/cm ²]
Base		26	-113025.1	-13730.7	4041.1
	sc Max				-7.1
	sc Med	26	-113025.1	-13730.7	4041.1
	sc Min	26	-113025.1	-13730.7	4041.1
Sommità		26	-113025.1	-13730.7	4041.1
	sc Max				-7.1
	sc Med	26	-113025.1	-13730.7	4041.1
	sc Min	26	-113025.1	-13730.7	4041.1

▲ Verifiche a taglio dei diaframmi

Diagramma	B	h	Comb.	V_{tot}	α	V_{tot}	N_{H}	M_{B}	V_{d}	V_{in}	$V_{\text{accrimento}}$
	[cm]	[cm]		[km^3]		[km^3]	[g cm^{-2}]	[g cm^{-2}]	[km^3]	[km^3]	[km^3]
4309-4313-4317	1.00	1.50	1	1.00883	1.00	100883	42.6264	5679	1298369	386346	0.0
4296-4301-4305-4309	1.50	1.50	1	7670.4	1.00	7670.4	504668	19165	1967632	585404	0.0
4282-4292-4296	1.00	1.50	5	17	4382.8	1.00	4382.8	10840	1298369	386346	0.0
4279-4280-4281-4282	1.50	1.50	5	17	6251.3	1.00	6251.3	40779	1530161	4507632	585404

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

▲Armature Nucleo

Sezione	Noti	B	H	Spessore	Amatura	Armatura
Numero				[cm]	Verticale	Orizzontale
4429 a 430	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4430 a 431	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4431 a 432	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4432 a 442	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4432 a 446	42	50	50	30	2x ø 20 15'	2x ø 12 20'
4436 a 450	41	50	50	30	2x ø 14 20'	2x ø 12 20'
4440 a 454	41	50	50	30	2x ø 14 20'	2x ø 12 20'
4454 a 458	41	50	50	30	2x ø 14 20'	2x ø 12 20'
4458 a 462	41	50	50	30	2x ø 14 20'	2x ø 12 20'
4458 a 466	41	50	50	30	2x ø 14 20'	2x ø 12 20'

4763.4765	52	50	50	30	2x ø 20 15	2x ø 12 20
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Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgcm]	M ₁₃ [kgcm]	Sd/Sr
Base	1	-89329.8	2798.3	-2345.6	0.03
Sommità	1	-86892.3	-14090.6	31.408	0.03

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgcm]	M ₁₃ [kgcm]	σ [kg/cm²]
Base					
sc Max	26	-58838.4	864.9	-1554.6	-3.7
sc Med	26	-58838.4	864.9	-1554.6	-3.1
st	24	-58838.4	864.9	-1554.6	-42.1
sc	26	-58838.4	864.9	-1554.6	-56.1
Sommità					
sc Max	26	-58838.4	864.9	-1554.6	-3.7
sc Med	26	-58838.4	864.9	-1554.6	-3.1
st	24	-58838.4	864.9	-1554.6	-42.1
sc	26	-58838.4	864.9	-1554.6	-56.1

Diaframma	B	H	Comb.	V _{ec} [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M ₁₂ [kgcm]	M ₁₃ [kgcm]	V _{red} [kg]	V _{red} normato S/R
4757-4763-4765	1.00	0.50	1	8141.4	1.00	8141.4	-16531.7	-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	-27285.8	-373.2	196763.2	58549.4	0.0 0.28
4731-4741-4745	1.00	0.50	1	8560.3	1.00	8560.3	-13988.8	-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	-12193.6	9109.7	196763.2	58549.4	0.0 0.21

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgcm]	M ₁₃ [kgcm]	Sd/Sr
Base	1	-86892.3	-14090.5	3141.1	0.03
Sommità	1	-84454.8	-30979.5	8628.2	0.04

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgcm]	M ₁₃ [kgcm]	σ [kg/cm²]
Base					
sc Max	24	-56963.4	-9434.1	1933.4	-3.8
sc Med	26	-56963.4	-9434.1	1933.4	-3.0
st	24	-56963.4	-9434.1	1933.4	-37.9
sc	24	-56963.4	-9434.1	1933.4	-57.5
Sommità					
sc Max	24	-56963.4	-9434.1	1933.4	-3.8
sc Med	26	-56963.4	-9434.1	1933.4	-3.0
st	24	-56963.4	-9434.1	1933.4	-37.9
sc	24	-56963.4	-9434.1	1933.4	-57.5

▲Verifiche a taglio dei diaframmi

▲NUCLEO 4877 4878 4880 4894 4898 4903 4907 4911 4915 / Nodi: 4877 4878 4879 4880 4890 4894 4898 4903 4907 4911 4915

▲Armature Nucleo

mmi

B	H	Comb.	V _{ec}	α	V _{ed}	N _{ed}	M ₁₂	M ₁₃	V _{red}	V _{red} normato	S/R
[mm]	[mm]	critica	[kg]		[kg]	[kg]	[kgcm]	[kgcm]	[kg]	[kg]	
1.00	0.50	1	13786.1	1.00	13786.1	-5018.5	-989.1	129836.9	38634.6	0.0	0.36
1.50	0.50	1	10768.8	1.00	10768.8	-29782.1	-3338.1	196763.2	58549.4	0.0	0.18
1.00	0.50	1	8753.7	1.00	8753.7	-34980.3	-1154.9	129836.9	38634.6	0.0	0.23
1.50	0.50	16	6745.2	1.00	6745.2	-35144.1	-10885.1	196763.2	58549.4	0.0	0.12

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

1616

Sezione	Comb.	N _{ed}	M ₁₂	M ₁₃	Sd/Sr
[mm]		[kg]	[kgcm]	[kgcm]	
Base	16	-58652.3	13673.9	-17471.1	0.04
Sommità	1	-89329.8	2798.3	-2346.1	0.03

S.L.E.	Combinazione	N	M ₁₂	M ₁₃	σ
		[kg]	[kgcm]	[kgcm]	[kg/cm²]
Base					
sc Max	26	-60713.4	11164.0	-5043.3	-4.9
sc Med	26	-60713.4	11164.0	-5043.3	-3.2
st	23	-60732.3	11994.9	-5280.2	-34.7
sc	26	-60713.4	11164.0	-5043.3	-73.7
Sommità					
sc Max	26	-60713.4	11164.0	-5043.3	-4.9
sc Med	26	-60713.4	11164.0	-5043.3	-3.2
st	23	-60732.3	11994.9	-5280.2	-34.7
sc	26	-60713.4	11164.0	-5043.3	-73.7

Diaframma	B	H	Comb.	V _{ec}	α	V _{ed}	N _{ed}	M ₁₂	M ₁₃	V _{red}	V _{red} normato	S/R
	[mm]	[mm]	critica	[kg]		[kg]	[kg]	[kgcm]	[kgcm]	[kg]	[kg]	
4578-4579	52	50	50	30	2x ø 20 15	2x ø 12 20						
4579-4580	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						
4581-4591	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						
4595-4599	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						
4604-4608	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						
4612-4616	52	50	50	30	2x ø 20 15	2x ø 12 20						

mmi

B	H	Comb.	V _{ec}	α	V _{ed}	N _{ed}	M ₁₂	M ₁₃	V _{red}	V _{red} normato	S/R
[mm]	[mm]	critica	[kg]		[kg]	[kg]	[kgcm]	[kgcm]	[kg]	[kg]	
1.00	0.50	1	11230.7	1.00	11230.7	-10775.1	-549.8	129836.9	38634.6	0.0	0.29
1.50	0.50	1	13513.2	1.00	13513.2	-28534.0	-1855.7	196763.2	58549.4	0.0	0.23
1.00	0.50	1	8424.2	1.00	8424.2	-27434.7	-643.8	129836.9	38634.6	0.0	0.22
1.50	0.50	16	10330.3	1.00	10330.3	-7857.8	-975.4	196763.2	58549.4	0.0	0.18

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

765

▲Verifiche a taglio dei diaframmi

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

▲Armature Nucleo

▲Verifiche a taglio dei diaframmi

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

▲Armature Nucleo

▲ Verifiche a taglio dei diaframmi

Sezione	Comb.	N ₀ [kg]	M ₂ [kg]	M ₁₃ [kg]	2x ø 20 15'	2x ø 12 20
5210 5214	1	-82017.3	-47868.5	14115.0		0.04
Comita	16	49172.0	-46857.8	30977.1		0.06

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

▲Armature Nucleo

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

Sezione	Comb.	N ₆₀ [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	Sd/Sr
Base	1	-84454.8	-30979.7	8628.0	0.04
Sommità	1	-82017.3	-47868.6	14115.1	0.04

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [g/cm ²]
Base	sc Max	24	-5.5088.4	-19.733.2	5422.0
		24	-5.5088.4	-19.733.2	5422.0
	sc Med	26	-5.5088.4	-19.733.2	5422.0
		24	-5.5088.4	-19.733.2	5422.0
	sc	24	-5.5088.4	-19.733.2	5422.0
		24	-5.5088.4	-19.733.2	5422.0
Sommità					
sc	sc Max	24	-5.5088.4	-19.733.2	5422.0
		24	-5.5088.4	-19.733.2	5422.0
	sc Med	26	-5.5088.4	-19.733.2	5422.0
		24	-5.5088.4	-19.733.2	5422.0
	sc	24	-5.5088.4	-19.733.2	5422.0
		24	-5.5088.4	-19.733.2	5422.0

▲ Verifiche a taglio dei diaframmi

Diagramma	B	H	Comb.	V_{eff} critica	α	V_{eff}	N_{eff}	M_{eff}	V_{max}	V_{max}	V_{max}	S/R	
								[kgm]	[kg]	[kg]	[kg]	V_{max} critica	
	5056-5060-5064	1.00	0.50	1	7554.0	1.00	7554.0	28044.7	7679	12983.9	38623.6	0.0	0.20
	5044-5048-5052-5056	1.50	0.50	1	8730.7	1.00	12704.7	24789.7	2591.6	19676.32	585.04	0.0	0.29
	5030-5040-5044	1.00	0.50	1	8331.3	1.00	8331.3	4797.8	8896	12983.9	38623.6	0.0	0.22
	5007-5029-5039-5030	1.50	0.50	16	12334.2	1.00	12334.2	29144.4	29067.4	19676.32	585.04	0.0	0.21

5193 5197 5202 5206 5210 5214 / Nodi: 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

Sezione	B	H	Spessore	Armatura	Armatura
Numero	Numero	mm	[cm]	Verticale	Orizzontale
5176 5177	52	50	50	30	26 x 20 15'
5177 5178	52	50	50	30	26 x 20 15'
5178 5179	52	50	50	30	26 x 20 15'
5179 5180	52	50	50	30	26 x 20 15'
5180 5181	52	50	50	30	26 x 20 15'
5181 5182	52	50	50	30	26 x 20 15'
5182 5183	52	50	50	30	26 x 20 15'
5183 5184	51	50	50	30	26 x 14 20'
5184 5185	51	50	50	30	26 x 14 20'
5185 5186	51	50	50	30	26 x 14 20'
5186 5187	51	50	50	30	26 x 14 20'
5187 5188	51	50	50	30	26 x 14 20'
5188 5189	51	50	50	30	26 x 14 20'
5189 5190	51	50	50	30	26 x 14 20'
5190 5191	51	50	50	30	26 x 14 20'
5191 5192	51	50	50	30	26 x 14 20'
5192 5193	51	50	50	30	26 x 14 20'
5193 5194	51	50	50	30	26 x 14 20'
5194 5195	51	50	50	30	26 x 14 20'
5195 5196	51	50	50	30	26 x 14 20'
5196 5197	51	50	50	30	26 x 14 20'
5197 5198	51	50	50	30	26 x 14 20'
5198 5199	51	50	50	30	26 x 14 20'
5199 5200	51	50	50	30	26 x 14 20'
5200 5201	51	50	50	30	26 x 14 20'
5201 5202	51	50	50	30	26 x 14 20'
5202 5203	51	50	50	30	26 x 14 20'
5203 5204	51	50	50	30	26 x 14 20'
5204 5205	51	50	50	30	26 x 14 20'
5205 5206	51	50	50	30	26 x 14 20'
5206 5207	51	50	50	30	26 x 14 20'
5207 5208	51	50	50	30	26 x 14 20'
5208 5209	51	50	50	30	26 x 14 20'
5209 5210	51	50	50	30	26 x 14 20'
5210 5211	51	50	50	30	26 x 14 20'
5211 5212	51	50	50	30	26 x 14 20'
5212 5213	51	50	50	30	26 x 14 20'
5213 5214	51	50	50	30	26 x 14 20'
5214 5215	51	50	50	30	26 x 14 20'
5215 5216	51	50	50	30	26 x 14 20'
5216 5217	51	50	50	30	26 x 14 20'
5217 5218	51	50	50	30	26 x 14 20'
5218 5219	51	50	50	30	26 x 14 20'
5219 5220	51	50	50	30	26 x 14 20'
5220 5221	51	50	50	30	26 x 14 20'
5221 5222	51	50	50	30	26 x 14 20'
5222 5223	51	50	50	30	26 x 14 20'
5223 5224	51	50	50	30	26 x 14 20'
5224 5225	51	50	50	30	26 x 14 20'
5225 5226	51	50	50	30	26 x 14 20'
5226 5227	51	50	50	30	26 x 14 20'
5227 5228	51	50	50	30	26 x 14 20'
5228 5229	51	50	50	30	26 x 14 20'
5229 5230	51	50	50	30	26 x 14 20'
5230 5231	51	50	50	30	26 x 14 20'
5231 5232	51	50	50	30	26 x 14 20'
5232 5233	51	50	50	30	26 x 14 20'
5233 5234	51	50	50	30	26 x 14 20'
5234 5235	51	50	50	30	26 x 14 20'
5235 5236	51	50	50	30	26 x 14 20'
5236 5237	51	50	50	30	26 x 14 20'
5237 5238	51	50	50	30	26 x 14 20'
5238 5239	51	50	50	30	26 x 14 20'
5239 5240	51	50	50	30	26 x 14 20'
5240 5241	51	50	50	30	26 x 14 20'
5241 5242	51	50	50	30	26 x 14 20'
5242 5243	51	50	50	30	26 x 14 20'
5243 5244	51	50	50	30	26 x 14 20'
5244 5245	51	50	50	30	26 x 14 20'
5245 5246	51	50	50	30	26 x 14 20'
5246 5247	51	50	50	30	26 x 14 20'
5247 5248	51	50	50	30	26 x 14 20'
5248 5249	51	50	50	30	26 x 14 20'
5249 5250	51	50	50	30	26 x 14 20'
5250 5251	51	50	50	30	26 x 14 20'
5251 5252	51	50	50	30	26 x 14 20'
5252 5253	51	50	50	30	26 x 14 20'
5253 5254	51	50	50	30	26 x 14 20'
5254 5255	51	50	50	30	26 x 14 20'
5255 5256	51	50	50	30	26 x 14 20'
5256 5257	51	50	50	30	26 x 14 20'
5257 5258	51	50	50	30	26 x 14 20'
5258 5259	51	50	50	30	26 x 14 20'
5259 5260	51	50	50	30	26 x 14 20'
5260 5261	51	50	50	30	26 x 14 20'
5261 5262	51	50	50	30	26 x 14 20'
5262 5263	51	50	50	30	26 x 14 20'
5263 5264	51	50	50	30	26 x 14 20'
5264 5265	51	50	50	30	26 x 14 20'
5265 5266	51	50	50	30	26 x 14 20'
5266 5267	51	50	50	30	26 x 14 20'
5267 5268	51	50	50	30	26 x 14 20'
5268 5269	51	50	50	30	26 x 14 20'
5269 5270	51	50	50	30	26 x 14 20'
5270 5271	51	50	50	30	26 x 14 20'
5271 5272	51	50	50	30	26 x 14 20'
5272 5273	51	50	50	30	26 x 14 20'
5273 5274	51	50	50	30	26 x 14 20'
5274 5275	51	50	50	30	26 x 14 20'
5275 5276	51	50	50	30	26 x 14 20'
5276 5277	51	50	50	30	26 x 14 20'
5277 5278	51	50	50	30	26 x 14 20'
5278 5279	51	50	50	30	26 x 14 20'
5279 5280	51	50	50	30	26 x 14 20'
5280 5281	51	50	50	30	26 x 14 20'
5281 5282	51	50	50	30	26 x 14 20'
5282 5283	51	50	50	30	26 x 14 20'
5283 5284	51	50	50	30	26 x 14 20'
5284 5285	51	50	50	30	26 x 14 20'
5285 5286	51	50	50	30	26 x 14 20'
5286 5287	51	50	50	30	26 x 14 20'
5287 5288	51	50	50	30	26 x 14 20'
5288 5289	51	50	50	30	26 x 14 20'
5289 5290	51	50	50	30	26 x 14 20'
5290 5291	51	50	50	30	26 x 14 20'
5291 5292	51	50	50	30	26 x 14 20'
5292 5293	51	50	50	30	26 x 14 20'
5293 5294	51	50	50	30	26 x 14 20'
5294 5295	51	50	50	30	26 x 14 20'
5295 5296	51	50	50	30	26 x 14 20'
5296 5297	51	50	50	30	26 x 14 20'
5297 5298	51	50	50	30	26 x 14 20'
5298 5299	51	50	50	30	26 x 14 20'
5299 5300	51	50	50	30	26 x 14 20'
5300 5301	51	50	50	30	26 x 14 20'
5301 5302	51	50	50	30	26 x 14 20'
5302 5303	51	50	50	30	26 x 14 20'
5303 5304	51	50	50	30	26 x 14 20'
5304 5305	51	50	50	30	26 x 14 20'
5305 5306	51	50	50	30	26 x 14 20'
5306 5307	51	50	50	30	26 x 14 20'
5307 5308	51	50	50	30	26 x 14 20'
5308 5309	51	50	50	30	26 x 14 20'
5309 5310	51	50	50	30	26 x 14 20'
5310 5311	51	50	50	30	26 x 14 20'
5311 5312	51	50	50	30	26 x 14 20'
5312 5313	51	50	50	30	26 x 14 20'
5313 5314	51	50	50	30	26 x 14 20'
5314 5315	51	50	50	30	26 x 14 20'
5315 5316	51	50	50	30	26 x 14 20'
5316 5317	51	50	50	30	26 x 14 20'
5317 5318	51	50	50	30	26 x 14 20'
5318 5319	51	50	50	30	26 x 14 20'
5319 5320	51	50	50	30	26 x 14 20'
5320 5321	51	50	50	30	26 x 14 20'
5321 5322	51	50	50	30	26 x 14 20'
5322 5323	51	50	50	30	26 x 14 20'
5323 5324	51	50	50	30	26 x 14 20'
5324 5325	51	50	50	30	26 x 14 20'
5325 5326	51	50	50	30	26 x 14 20'
5326 5327	51	50	50	30	26 x 14 20'
5327 5328	51	50	50	30	26 x 14 20'
5328 5329	51	50	50	30	26 x 14 20'
5329 5330	51	50	50	30	26 x 14 20'
5330 5331	51	50	50	30	26 x 14 20'
5331 5332	51	50	50	30	26 x 14 20'
5332 5333	51	50	50	30	26 x 14 20'
5333 5334	51	50	50	30	26 x 14 20'
5334 5335	51	50	50	30	26 x 14 20'
5335 5336	51	50	50	30	26 x 14 20'
5336 5337	51	50	50	30	26 x 14 20'
5337 5338	51	50	50	30	26 x 14 20'
5338 5339	51	50	50	30	26 x 14 20'
5339 5340	51	50	50	30	26 x 14 20'
5340 5341	51	50	50	30	26 x 14 20'
5341 5342	51	50	50	30	26 x 14 20'
5342 5343	51	50	50	30	26 x 14 20'
5343 5344	51	50	50	30	26 x 14 20'
5344 5345	51	50	50	30	26 x 14 20'
5345 5346	51	50	50	30	26 x 14 20'
5346 5347	51	50	50	30	26 x 14 20'
5347 5348	51	50	50	30	26 x 14 20'
5348 5349	51	50	50	30	26 x 14 20'
5349 5350	51	50	50	30	26 x 14 20'
5350 5351	51	50	50	30	26 x 14 20'
5351 5352	51	50	50	30	26 x 14 20'
5352 5353	51	50	50	30	26 x 14 20'
5353 5354	51	50	50	30	26 x 14 20'
5354 5355	51	50	50	30	26 x 14 20'
5355 5356	51	50	50	30	26 x 14 20'
5356 5357	51	50	50	30	26 x 14 20'
5357 5358	51	50	50	30	26 x 14 20'
5358 5359	51	50	50	30	26 x 14 20'
5359 5360	51	50	50	30	26 x 14 20'
5360 5361	51	50	50	30	26 x 14 20'
5361 5362	51	50	50	30	26 x 14 20'
5362 5363	51	50	50	30	26 x 14 20'
5363 5364	51	50	50	30	26 x 14 20'
5364 5365	51	50	50	30	26 x 14 20'
5365 5366	51	50	50	30	26 x 14 20'
5366 5367	51	50	50	30	26 x 14 20'
5367 5368	51	50	50	30	26 x 14 20'
5368 5369	51	50	50	30	26 x 14 20'
5369 5370	51	50	50	30	26 x 14 20'
5370 5371	51	50	50	30	26 x 14 20'
5371 5372	51	50	50	30	26 x 14 20'
5372 5373	51	50	50	30	26 x 14 20'
5373 5374	51	50	50	30	26 x 14 20'
5374 5375	51	50	50	30	26 x 14 20'
5375 5376	51	50	50	30	26 x 14 20'
5376 5377	51	50	50	30	26 x 14 20'
5377 5378	51	50	50	30	26 x 14 20'
5378 5379	51	50	50	30	26 x 14 20'
5379 5380	51	50	50	30	26 x 14 20'
5380 5381	51	50	50	30	26 x 14 20'</

▲ Verifiche a taglio dei diaframmi

Diagrams	B	H	Comb.	V_{α}	α	V_{α}	N_{α}	M_{α}	V_{α}	V_{α}	$V_{\alpha, \text{max}}$	S/R
			critica	[kg]		[kg]	[kg/m]	[kg/m]	[kg]	[kg]	[kg]	
5206-5210-5214	1,00	0,50		110051,2	1,00	10051,2	33801,3	12071	129836,9	38634,6	0,0	0,26
5103-5197-5202-5206	1,50	0,50		115699,1	1,00	115699,1	23541,6	40740	196763,2	58504,9	0,0	0,27
5179-5189-5193	1,00	0,50		71951	1,00	71951	24718	14007	129836,9	38634,6	0,0	0,20
5176-5178-5179-5179	1,50	0,50		1611066,1	1,00	110066,1	71009,1	39113,3	196763,2	58504,9	0,0	0,19

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

▲Armature Nucleo

Nodi	Sezione Numero	B	H	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
5326	5327	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5327	5328	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5328	5329	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5329	5330	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5330	5331	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5331	5332	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5332	5333	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5333	5334	51	50	30	2x ϕ 14 20'	2x ϕ 12 20'
5334	5335	51	50	30	2x ϕ 14 20'	2x ϕ 12 20'
5335	5336	51	50	30	2x ϕ 14 20'	2x ϕ 12 20'
5336	5337	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5337	5338	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5338	5339	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5339	5340	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5340	5341	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5341	5342	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5342	5343	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5343	5344	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5344	5345	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5345	5346	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5346	5347	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5347	5348	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5348	5349	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5349	5350	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5350	5351	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5351	5352	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5352	5353	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5353	5354	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5354	5355	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5355	5356	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5356	5357	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5357	5358	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5358	5359	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'
5359	5360	52	50	30	2x ϕ 20 15'	2x ϕ 12 20'

Sezione	Comb.	N_{d4} [kg]	M_{12} [kgm]	M_{13} [kgm]	Sd/Sr
Base	16	-49274.2	-46935.0	31023.5	0.06
Sommità	16	-47395.8	-59131.3	40501.5	0.08

S.I.E.	Combinazione	N [kg]	M ₀ [kg]	M ₀ [kg]	σ [kg/cm ²]
Base	26	-51384	-40314	12993	-61
	sc Max				
	26	-51384	-40314	12993	-33
	sc Med				
st	26	-51384	-40314	12993	282
	sc				
	26	-51384	-40314	12993	-908
	sc				
Sommità	26	-51384	-40314	12993	-61
	sc Max				
	26	-51384	-40314	12993	-33
	sc Med				
st	26	-51384	-40314	12993	282
	sc				
	26	-51384	-40314	12993	-908
	sc				

▲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 _{req,comb,me} S/R [kg]		
5355-5359-5383	1.00	0.50	1	15724.0	1.00	15724.0	-39557.8	16464	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	196763.2	58549.4	0.0	0.20
5326-5335-5343	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	-28966.7	48855.6	196763.2	58549.4	0.0	0.14

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

▲Armature Nudeo

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 ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr	
Base	16	-47388.9	-59208.7	40526.6	0.08	
Sommità	16	-45326.6	-71254.3	49945.4	0.11	

S.L.E.	Combinazione	N [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-49463.5	-50630.4	15887.3	-7.2
sc Med	26	-49463.5	-50630.4	15887.3	-3.8
st	26	-49463.5	-50630.4	15887.3	93.5
sc	26	-49463.5	-50630.4	15887.3	-104.9
Sommità					
sc Max	26	-49463.5	-50630.4	15887.3	-7.2
sc Med	26	-49463.5	-50630.4	15887.3	-3.8
st	26	-49463.5	-50630.4	15887.3	93.5
sc	26	-49463.5	-50630.4	15887.3	-104.9

▲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 _{req,comb,me} S/R [kg]		
5505-5509-5513	1.00	0.50	1	21765.5	1.00	21765.5	-45314.4	20856	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	17839.1	2423.0	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

▲SETTI ISOLATI

▲Setto : 83 479 480 84 / Sezione 11

▲Armature su ogni faccia: Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	Sd/Sr
Base	12	-13832.7	0.0	221.6	0.04
Sommità	12	-13819.2	0.0	-1283.4	0.06

S.L.E.

Combinazione

▲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,comitato} [kg]	V _s / V _e
83 480	12	4238.6	1.00	4238.6	-13832.7	221.6	62910.7	33973.1	0.0	0.12

▲Setto : 479 625 626 480 / Sezione 11

▲Armature su ogni faccia: Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	Sd/Sr
Base	1	-17922.1	0.0	221.0	0.06
Sommità	1	-17908.9	0.0	-1280.4	0.07

S.L.E.	Combinazione	N [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-12213.0	0.0	151.0	-8.2
sc Med	26	-12213.0	0.0	151.0	-7.2
st	24	-12213.0	0.0	151.0	-97.0
sc	26	-12213.0	0.0	151.0	-120.0
Sommità					
sc Max	26	-12213.0	0.0	151.0	-8.2
sc Med	26	-12213.0	0.0	151.0	-7.2
st	24	-12213.0	0.0	151.0	-97.0
sc	26	-12213.0	0.0	151.0	-120.0

▲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 _{Req,comb,me} [kg]	V _s / V _k
479 626	16	5461.8	1.00	5461.8	-9347.4	181.8	62910.7	33973.1	79010.0	0.16

▲Setto : 625 770 771 626 / Sezione 11

▲Armature su ogni faccia: Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	Sd/Sr
Base	1	-22459.8	0.0	53.3	0.07
Sommità	1	-22631.6	0.0	-1767.0	0.09

S.L.E.	Combinazione	N [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-15329.8	0.0	35.3	-9.3
sc Med	26	-15329.8	0.0	35.3	-9.1
st	24	-15329.8	0.0	35.3	-133.5
sc	26	-15329.8	0.0	35.3	-138.9

Sommia									
sc Max	26	-15329.8	0.0	35.3	-9.3				
sc Med	26	-15329.8	0.0	35.3	-9.1				
st	24	-15329.8	0.0	35.3	-133.5				
sc	26	-15329.8	0.0	35.3	-138.9				

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr	V _{red,corrente} [kg]	V _e [kg]
625.771	1	6869.0	1.00	6869.0	-22459.8	53.3	62910.7	33973.1	86695.1	0.20		

▲Setto : 770 916 917 771 / Sezione 11

▲Armature su ogni faccia: Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-26107.2	0.0	-29.4	0.08
Sommia	1	-26076.0	0.0	-1975.6	0.11

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-17833.8	0.0	-20.7	-10.7
sc Med	26	-17833.8	0.0	-20.7	-10.6
st	24	-17833.8	0.0	-20.7	-156.8
sc	26	-17833.8	0.0	-20.7	-160.0
Sommia					
sc Max	26	-17833.8	0.0	-20.7	-10.7
sc Med	26	-17833.8	0.0	-20.7	-10.6
st	24	-17833.8	0.0	-20.7	-156.8
sc	26	-17833.8	0.0	-20.7	-160.0

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr	V _{red,corrente} [kg]	V _e [kg]
770.917	1	8018.0	1.00	8018.0	-26107.2	29.4	62910.7	33973.1	88849.6	0.24		

▲Setto : 916 1061 1062 917 / Sezione 11

▲Armature su ogni faccia: Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-28035.4	0.0	-53.5	0.08
Sommia	1	-27866.1	0.0	-1992.1	0.11

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-19145.6	0.0	-35.8	-11.6
sc Med	26	-19145.6	0.0	-35.8	-11.3
st	24	-19145.6	0.0	-35.8	-167.3
sc	26	-19145.6	0.0	-35.8	-172.8
Sommia					
sc Max	26	-19145.6	0.0	-35.8	-11.6
sc Med	26	-19145.6	0.0	-35.8	-11.3
st	24	-19145.6	0.0	-35.8	-167.3
sc	26	-19145.6	0.0	-35.8	-172.8

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr	V _{red,corrente} [kg]	V _e [kg]
916.1062	1	8183.8	1.00	8183.8	-28025.4	53.5	62910.7	33973.1	90347.7	0.24		

▲Setto : 1061 1207 1208 1062 / Sezione 11

▲Armature su ogni faccia: Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-28982.8	0.0	-69.6	0.08
Sommia	1	-28738.5	0.0	-1928.1	0.11

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-19811.4	0.0	-45.4	-12.0
sc Med	26	-19811.4	0.0	-45.4	-11.7
st	24	-19811.4	0.0	-45.4	-172.5
sc	26	-19811.4	0.0	-45.4	-179.5
Sommia					
sc Max	26	-19811.4	0.0	-45.4	-12.0
sc Med	26	-19811.4	0.0	-45.4	-11.7
st	24	-19811.4	0.0	-45.4	-172.5
sc	26	-19811.4	0.0	-45.4	-179.5

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr	V _{red,corrente} [kg]	V _e [kg]
1061.1208	1	7979.9	1.00	7979.9	-28982.8	69.6	62910.7	33973.1	90632.0	0.23		

▲Setto : 1207 1352 1353 1208 / Sezione 11

▲Armature su ogni faccia: Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-29069.2	0.0	-55.5	0.08
Sommia	1	-28798.1	0.0	-1931.7	0.11

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-19918.8	0.0	-37.8	-12.0
sc Med	26	-19918.8	0.0	-37.8	-11.8
st	24	-19918.8	0.0	-37.8	-174.1
sc	26	-19918.8	0.0	-37.8	-179.8
Sommia					
sc Max	26	-19918.8	0.0	-37.8	-12.0
sc Med	26	-19918.8	0.0	-37.8	-11.8
st	24	-19918.8	0.0	-37.8	-174.1
sc	26	-19918.8	0.0	-37.8	-179.8

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr	V _{red,corrente} [kg]	V _e [kg]
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1207.1353 | -1 | 7962.9 | 1.00 | 7962.9 | -29069.2 | -55.5 | 62910.7 | 33973.1 | 90663.9 | 0.23 |

▲Setto : 1352 6534 6435 1353 / Sezione 11

▲Armature su ogni faccia: Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M _{is} [kgm]	Sd/Sr
Base	1	-29062.3	0.0	-47.9	0.08
Sommità	1	-28737.6	0.0	-2017.2	0.12

S.L.E.	Combinazione	N [kg]	M _{ed} [kgm]	M _{is} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-19885.7	0.0	-32.8	-12.0
sc Med	26	-19885.7	0.0	-32.8	-11.8
st	24	-19885.7	0.0	-32.8	-174.2
sc	26	-19885.7	0.0	-32.8	-179.2
Sommità					
sc Max	26	-19885.7	0.0	-32.8	-12.0
sc Med	26	-19885.7	0.0	-32.8	-11.8
st	24	-19885.7	0.0	-32.8	-174.2
sc	26	-19885.7	0.0	-32.8	-179.2

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M _{is} [kgm]	V _{ed} [kg]	V _{ed} corretta [kg]	V _e
1352 6435	12	8787.3	1.00	8787.3	-17331.4	25.5	62910.7	33973.1	83578.6	0.26	

▲Setto : 6534 1497 1498 6435 / Sezione 21

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

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M _{is} [kgm]	Sd/Sr
Base	1	-27993.4	0.0	-48.7	0.08
Sommità	1	-27701.8	0.0	-1409.8	0.11

S.L.E.	Combinazione	N [kg]	M _{ed} [kgm]	M _{is} [kgm]	σ [kg/cm²]
Base					
sc Max	26	-19132.1	0.0	-33.2	-11.9
sc Med	26	-19132.1	0.0	-33.2	-11.7
st	24	-19132.1	0.0	-33.2	-172.3
sc	26	-19132.1	0.0	-33.2	-178.0
Sommità					
sc Max	26	-19132.1	0.0	-33.2	-11.9
sc Med	26	-19132.1	0.0	-33.2	-11.7
st	24	-19132.1	0.0	-33.2	-172.3
sc	26	-19132.1	0.0	-33.2	-178.0

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M _{is} [kgm]	V _{ed} [kg]	V _{ed} corretta [kg]	V _e
6534 1498	16	8275.3	1.00	8275.3	-20280.4	-7.00	62910.7	18719.9	48108.0	0.44	

▲Setto : 1497 1647 1648 1498 / Sezione 21

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

st	24	-18786.7	0.0	-29.6	-169.4
sc	26	-18786.7	0.0	-29.6	-174.5
Sommità					
sc Max	26	-18786.7	0.0	-29.6	-11.7
sc Med	26	-18786.7	0.0	-29.6	-11.5
st	24	-18786.7	0.0	-29.6	-169.4
sc	26	-18786.7	0.0	-29.6	-174.5

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α [kg]	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₂ [kgm]	V _{red,corrente} V _d [kg]	V _r
2095 2246	16	7294.0	1.00	7294.0	-20678.8	-43.6	62910.7	18719.9	4796.5	0.39

▲Setto : 2245 2394 2395 2246 / 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	-26490.2	0.0	-22.5	0.08
Sommità	16	-19508.8	0.0	-1693.7	0.09

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-18180.8	0.0	-15.2	-11.2
sc Med	26	-18180.8	0.0	-15.2	-11.1
st	24	-18180.8	0.0	-15.2	-165.1
sc	26	-18180.8	0.0	-15.2	-167.7
Sommità					
sc Max	26	-18180.8	0.0	-15.2	-11.2
sc Med	26	-18180.8	0.0	-15.2	-11.1
st	24	-18180.8	0.0	-15.2	-165.1
sc	26	-18180.8	0.0	-15.2	-167.7

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α [kg]	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₂ [kgm]	V _{red,corrente} V _d [kg]	V _r
2245 2395	16	6965.5	1.00	6965.5	-19748.3	-49.9	62910.7	18719.9	47760.1	0.37

▲Setto : 2394 6234 6535 2395 / 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	-26123.4	0.0	-16.5	0.08
Sommità	1	-25724.9	0.0	-852.6	0.09

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-17892.1	0.0	-11.4	-11.0
sc Med	26	-17892.1	0.0	-11.4	-10.9
st	24	-17892.1	0.0	-11.4	-162.8
sc	26	-17892.1	0.0	-11.4	-164.8
Sommità					
sc Max	26	-17892.1	0.0	-11.4	-11.0
sc Med	26	-17892.1	0.0	-11.4	-10.9
st	24	-17892.1	0.0	-11.4	-162.8

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-19223.3	0.0	-18.7	-11.9
sc Med	26	-19223.3	0.0	-18.7	-11.7
st	24	-19223.3	0.0	-18.7	-174.4
sc	26	-19223.3	0.0	-18.7	-177.6
Sommità					
sc Max	26	-19223.3	0.0	-18.7	-11.9
sc Med	26	-19223.3	0.0	-18.7	-11.7
st	24	-19223.3	0.0	-18.7	-174.4
sc	26	-19223.3	0.0	-18.7	-177.6

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α [kg]	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₂ [kgm]	V _{red,corrente} V _d [kg]	V _r
1796 1947	16	8136.9	1.00	8136.9	-20673.2	-56.7	62910.7	18719.9	48324.8	0.43

▲Setto : 1946 2095 2096 1947 / 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	-27828.8	0.0	-32.9	0.08
Sommità	16	-20105.8	0.0	-1890.3	0.10

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-19058.0	0.0	-21.7	-11.8
sc Med	26	-19058.0	0.0	-21.7	-11.6
st	24	-19058.0	0.0	-21.7	-172.6
sc	26	-19058.0	0.0	-21.7	-176.3
Sommità					
sc Max	26	-19058.0	0.0	-21.7	-11.8
sc Med	26	-19058.0	0.0	-21.7	-11.6
st	24	-19058.0	0.0	-21.7	-172.6
sc	26	-19058.0	0.0	-21.7	-176.3

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α [kg]	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₂ [kgm]	V _{red,corrente} V _d [kg]	V _r
1946 2096	16	7765.5	1.00	7765.5	-20394.6	-54.8	62910.7	18719.9	48155.0	0.41

▲Setto : 2095 2245 2246 2096 / 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	-27431.0	0.0	-46.8	0.08
Sommità	16	-19796.7	0.0	-1773.2	0.09

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-18786.7	0.0	-29.6	-11.7
sc Med	26	-18786.7	0.0	-29.6	-11.5

	V_d [kg]	$V_{e,d}$ [kg]	$M_{e,d}$ [kg]	$M_{t,d}$ [kg]	V_{Red} [kg]	V_{Red} [kg]	$V_{Red,scintimento}$ V_f			
2544.2694	16	6213.1	1.00	6213.1	-16486.6	6.5	62910.7	18719.9	45741.5	0.33

▲Setto : 2693 2843 2844 2694 / Sezione 31

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

Sezione	Comb.	N_x [kg]	M_{x1} [kgm]	M_{x2} [kgm]	Sd/Sr
Base	1	-24260.8	0.0	8.3	0.07
Sommità	1	-24010.1	0.0	-593.6	0.08

S.L.E.	Combinazione	N [kg]	M_{x1} [kgm]	M_{x2} [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-16620.4	0.0	3.2	-10.2
sc Med	26	-16620.4	0.0	3.2	-10.1
st	24	-16620.4	0.0	3.2	-151.9
sc	26	-16620.4	0.0	3.2	-152.4
Sommità					
sc Max	26	-16620.4	0.0	3.2	-10.2
sc Med	26	-16620.4	0.0	3.2	-10.1
st	24	-16620.4	0.0	3.2	-151.9
sc	26	-16620.4	0.0	3.2	-152.4

▲Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	V_{ed} [kg]	N_{ed} [kg]	M_{ed} [kg]	V_{ed} [kg]	$V_{ed,corrinato}$ [kg]	V_d/V_y	
2693.2844	16	6038.0	1.00	6038.0	-17228.8	-21.1	62910.7	18719.9	46207.6	0.32

▲Setto : 2843 2992 2993 2844 / Sezione 31

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

Sezione	Comb.	N_x [kg]	M_{x1} [kgm]	M_{x2} [kgm]	Sd/Sr
Base	1	-23804.5	0.0	-3.0	0.07
Sommità	1	-23552.9	0.0	-440.9	0.08

S.L.E.	Combinazione	N [kg]	M_{x1} [kgm]	M_{x2} [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-16306.6	0.0	-2.9	-10.0
sc Med	26	-16306.6	0.0	-2.9	-10.0
st	24	-16306.6	0.0	-2.9	-149.0
sc	26	-16306.6	0.0	-2.9	-149.5
Sommità					
sc Max	26	-16306.6	0.0	-2.9	-10.0
sc Med	26	-16306.6	0.0	-2.9	-10.0
st	24	-16306.6	0.0	-2.9	-149.0
sc	26	-16306.6	0.0	-2.9	-149.5

▲Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	V_{ed} [kg]	N_{ed} [kg]	M_{ed} [kg]	V_{red} [kg]	$V_{ed,corrinents}$ [kg]	V_d/V_e
2843 2993	16	5827.5	1.00	5827.5	-16946.4	-19.7	62910.7	18719.9	46036.2 0.31

▲Setto : 2992 3142 3143 2993 / Sezione 31

	sc		26		-17892.1	0.0	-11.4		-164.8
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▲Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	V_{fd} [kg]	N_{fd} [kg]	M_{fd} [kg]	V_{fod} [kg]	V_{fod} [kg]	V_d (corrente) V_d [kg]
2394.6535	16	7029.2	1.00	7029.2	-19199.5	-42.4	62910.7	18719.9	47420.3

▲Setto : 6234 2544 2545 6535 / Sezione 31

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

Sezione	Comb.	N_x [kg]	M_{x1} [kgm]	M_{x2} [kgm]	Sd/Sr
Base	1	-24838.7	0.0	-18.9	0.07
Sommità	1	-24469.2	0.0	-1019.2	0.09

S.L.E.	Combinazione	N [kg]	M_{x1} [kgm]	M_{x2} [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-16989.3	0.0	-13.0	-10.5
sc Med	26	-16989.3	0.0	-13.0	-10.4
st	24	-16989.3	0.0	-13.0	-154.4
sc	26	-16989.3	0.0	-13.0	-156.6
Sommità					
sc Max	26	-16989.3	0.0	-13.0	-10.5
sc Med	26	-16989.3	0.0	-13.0	-10.4
st	24	-16989.3	0.0	-13.0	-154.4
sc	26	-16989.3	0.0	-13.0	-156.6

▲Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	V_{id} [kg]	N_{ed} [kg]	M_{ed} [kg]	V_{red} [kg]	$V_{Raccormento}$ [kg]	V_d/V_e
6234.2545	16	6444.9	1.00	6444.9	-16405.6	4.0	62910.7	18719.9	45689.4 0.34

▲Setto : 2544 2693 2694 2545 / Sezione 31

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

Sezione	Comb.	N_x [kg]	M_{x1} [kgm]	M_{x2} [kgm]	Sd/Sr
Base	1	-24880.6	0.0	-14.2	0.07
Sommità	1	-24611.4	0.0	-820.6	0.09

S.L.E.	Combinazione	N [kg]	M_{x1} [kgm]	M_{x2} [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-17006.5	0.0	-10.1	-10.5
sc Med	26	-17006.5	0.0	-10.1	-10.4
st	24	-17006.5	0.0	-10.1	-154.8
sc	26	-17006.5	0.0	-10.1	-156.6
Sommità					
sc Max	26	-17006.5	0.0	-10.1	-10.5
sc Med	26	-17006.5	0.0	-10.1	-10.4
st	24	-17006.5	0.0	-10.1	-154.8
sc	26	-17006.5	0.0	-10.1	-156.6

▲Verifiche a Taglio

Nodi Comb. α

Sommità	1	-21185.4	0.0	-361.9	0.07
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S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-14708.2	0.0	-8.5	-9.0
sc Med	26	-14708.2	0.0	-8.5	-9.0
st	24	-14708.2	0.0	-8.5	-133.9
sc	26	-14708.2	0.0	-8.5	-135.4
Sommità					
sc Max	26	-14708.2	0.0	-8.5	-9.0
sc Med	26	-14708.2	0.0	-8.5	-9.0
st	24	-14708.2	0.0	-8.5	-133.9
sc	26	-14708.2	0.0	-8.5	-135.4

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{red} V _{ed}	V _{ed} V _{red}	V _{ed} V _{red}	V _{ed} V _{red}
3291 3442	16	4896.3	1.00	4896.3	-15512.0	4.1	62910.7	18719.9	45153.4	0.26	

▲Verifiche a Taglio

▲Setto : 3441 6334 6335 3442 / 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	-21107.9	0.0	-7.6	0.06
Sommità	1	-20656.1	0.0	-572.7	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-14434.6	0.0	-5.4	-8.8
sc Med	26	-14434.6	0.0	-5.4	-8.8
st	24	-14434.6	0.0	-5.4	-131.7
sc	26	-14434.6	0.0	-5.4	-132.6
Sommità					
sc Max	26	-14434.6	0.0	-5.4	-8.8
sc Med	26	-14434.6	0.0	-5.4	-8.8
st	24	-14434.6	0.0	-5.4	-131.7
sc	26	-14434.6	0.0	-5.4	-132.6

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{red} V _{ed}	V _{ed} V _{red}	V _{ed} V _{red}	V _{ed} V _{red}
3441 6335	16	5098.8	1.00	5098.8	-15118.7	6.7	62910.7	18719.9	44921.1	0.27	

▲Setto : 6334 3590 3591 6335 / 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	-19840.9	0.0	-9.4	0.06
Sommità	1	-19395.2	0.0	-792.3	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					

▲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	-23365.0	0.0	-20.3	0.07
Sommità	1	-23109.7	0.0	-305.1	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-15992.8	0.0	-13.3	-9.9
sc Med	26	-15992.8	0.0	-13.3	-9.8
st	24	-15992.8	0.0	-13.3	-145.3
sc	26	-15992.8	0.0	-13.3	-147.5
Sommità					
sc Max	26	-15992.8	0.0	-13.3	-9.9
sc Med	26	-15992.8	0.0	-13.3	-9.8
st	24	-15992.8	0.0	-13.3	-145.3
sc	26	-15992.8	0.0	-13.3	-147.5

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{red} V _{ed}	V _{ed} V _{red}	V _{ed} V _{red}	V _{ed} V _{red}
2992 3143	16	5481.1	1.00	5481.1	-15640.0	-0.2	62910.7	18719.9	45224.6	0.29	

▲Setto : 3142 3291 3292 3143 / 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	-22744.9	0.0	-43.7	0.07
Sommità	1	-22474.5	0.0	-207.3	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-15563.9	0.0	-27.8	-9.7
sc Med	26	-15563.9	0.0	-27.8	-9.5
st	24	-15563.9	0.0	-27.8	-140.1
sc	26	-15563.9	0.0	-27.8	-144.9
Sommità					
sc Max	26	-15563.9	0.0	-27.8	-9.7
sc Med	26	-15563.9	0.0	-27.8	-9.5
st	24	-15563.9	0.0	-27.8	-140.1
sc	26	-15563.9	0.0	-27.8	-144.9

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{red} V _{ed}	V _{ed} V _{red}	V _{ed} V _{red}	V _{ed} V _{red}
3142 3292	16	5057.0	1.00	5057.0	-15244.2	-105	62910.7	18719.9	45001.8	0.27	

▲Setto : 3291 3441 3442 3292 / 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	-21447.6	0.0	-12.6	0.06

sc Med	26	-12827.0	0.0	14.1	-7.8
st	24	-12827.0	0.0	14.1	-116.2
sc	26	-12827.0	0.0	14.1	-118.6

▲Verifiche a Taglio

Nodi	Comb.	V _{ed} [kg]	α	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{ed,intermedia} [kg]	V _l [kg]
3740 3890	16	3671.6	1.00	3671.6	32.6	62910.7	18719.9	43268.1
								0.20

▲Setto : 3889 4039 4040 3890 / 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	-18224.4	0.0	1.9	0.05
Sommità	1	-17976.0	0.0	-125.7	0.06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-12445.2	0.0	0.5	-7.6
sc Med	26	-12445.2	0.0	0.5	-7.6
st	24	-12445.2	0.0	0.5	-113.9
sc	26	-12445.2	0.0	0.5	-114.0
Sommità					
sc Max	26	-12445.2	0.0	0.5	-7.6
sc Med	26	-12445.2	0.0	0.5	-7.6
st	24	-12445.2	0.0	0.5	-113.9
sc	26	-12445.2	0.0	0.5	-114.0

Nodi	Comb.	V _{ed} [kg]	α	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{ed,intermedia} [kg]	V _l [kg]
3889 4040	16	3503.8	1.00	3503.8	16.2	62910.7	18719.9	43054.8
								0.19

▲Verifiche a Taglio

▲Setto : 4039 4188 4189 4040 / 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	-17750.8	0.0	-24.2	0.05
Sommità	1	-17498.8	0.0	-16.3	0.05

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-12106.6	0.0	-15.8	-7.5
sc Med	26	-12106.6	0.0	-15.8	-7.4
st	24	-12106.6	0.0	-15.8	-109.5
sc	26	-12106.6	0.0	-15.8	-112.2
Sommità					
sc Max	26	-12106.6	0.0	-15.8	-7.5
sc Med	26	-12106.6	0.0	-15.8	-7.4
st	24	-12106.6	0.0	-15.8	-109.5
sc	26	-12106.6	0.0	-15.8	-112.2

sc Max	26	-13536.0	0.0	-6.5	-8.3
sc Med	26	-13536.0	0.0	-6.5	-8.3
st	24	-13536.0	0.0	-6.5	-123.4
sc	26	-13536.0	0.0	-6.5	-124.5
Sommità					
sc Max	26	-13536.0	0.0	-6.5	-8.3
sc Med	26	-13536.0	0.0	-6.5	-8.3
st	24	-13536.0	0.0	-6.5	-123.4
sc	26	-13536.0	0.0	-6.5	-124.5

▲Verifiche a Taglio

Nodi	Comb.	V _{ed} [kg]	α	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{ed,intermedia} [kg]	V _l [kg]
6334 3591	16	4746.3	1.00	4746.3	-12522.1	13.3	62910.7	18719.9
								4.3372.5
								0.25

▲Setto : 3590 3740 3741 3591 / 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	-19723.1	0.0	-5.5	0.06
Sommità	1	-19446.4	0.0	-525.4	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-13441.0	0.0	-4.1	-8.2
sc Med	26	-13441.0	0.0	-4.1	-8.2
st	24	-13441.0	0.0	-4.1	-122.7
sc	26	-13441.0	0.0	-4.1	-123.4
Sommità					
sc Max	26	-13441.0	0.0	-4.1	-8.2
sc Med	26	-13441.0	0.0	-4.1	-8.2
st	24	-13441.0	0.0	-4.1	-122.7
sc	26	-13441.0	0.0	-4.1	-123.4

Nodi	Comb.	V _{ed} [kg]	α	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{ed,intermedia} [kg]	V _l [kg]
3590 3741	16	4106.8	1.00	4106.8	-12489.0	16.9	62910.7	18719.9
								4.3357.7
								0.22

▲Verifiche a Taglio

▲Setto : 3740 3889 3890 3741 / 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	-18776.4	0.0	24.1	0.06
Sommità	1	-18523.5	0.0	-263.7	0.06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-12827.0	0.0	14.1	-7.9
sc Med	26	-12827.0	0.0	14.1	-7.8
st	24	-12827.0	0.0	14.1	-116.2
sc	26	-12827.0	0.0	14.1	-118.6
Sommità					
sc Max	26	-12827.0	0.0	14.1	-7.9

▲Setto : 4487 6434 6127 4488 / Sezione 41

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

Sezione	Comb.	N _{tot} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-15375,9	0,0	-11,1	0,05
Sommità	1	-14873,8	0,0	-505,3	0,05

S.I.E.	Combinazione	N	M ₂ [kgm]	M ₃ [kgm]	σ [kg/cm ²]	
Base						
	sc Max	26	-10467,3	0,0	-7,7	-6,4
	sc Med	26	-10467,3	0,0	-7,7	-6,4
	st	26	-10467,3	0,0	-7,7	-95,2
	sc	26	-10467,3	0,0	-7,7	-96,5
Sommata						
	sc Max	26	-10467,3	0,0	-7,7	-6,4
	sc Med	26	-10467,3	0,0	-7,7	-6,4
	st	26	-10467,3	0,0	-7,7	-95,2
	sc	26	-10467,3	0,0	-7,7	-96,5

▲ Verifiche a Taglio

[illegible]

▲Setto : 6434 4637 4638 6127 / Sezione 51

▲Armatore 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	-14085,0	0,0	-16,1	0,04
Sommità	1	-13561,9	0,0	-401,3	0,05

S.L.E.	Combinazione	N	M ₅ [kgm]	M ₁₀ [kgm]	σ [kg/cm ²]
Base	sc Max	26	-955.44	0.0	-1.08
	sc Med	26	-955.44	0.0	-1.08
	sc Min	26	-955.44	0.0	-1.08
	st	24	-955.44	0.0	-1.08
	sc	26	-955.44	0.0	-1.08
	sc	26	-955.44	0.0	-1.08
Sommità	sc Max	26	-955.44	0.0	-1.08
	sc Med	26	-955.44	0.0	-1.08
	sc Min	26	-955.44	0.0	-1.08
	st	24	-955.44	0.0	-1.08
	sc	26	-955.44	0.0	-1.08
	sc	26	-955.44	0.0	-1.08

▲ Verifiche a Taglio

[illegible]

▲Setto : 4637 4786 4787 4638 / Sezione 51

▲Armature 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]	$V_{fcd, continuo}$ [kg]	V_{fd} [kg]	V_{fd} [kg]
4039,4189	16	3260,6	1,00	3260,6	-11610,5	3,4	62910,7	18719,9	42811,6	0,17

▲Setto: 4188 4338 4339 4189 / Sezione 41

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

Sezione	Comb.	N _{t,d} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-17059.3	0.0	-54.9	0.05
Sommità	1	-16791.7	0.0	44.3	0.05

S.I.E.	Combinazione	N	M ₂	M ₁	σ [g/cm ³]
Base	sc	26	-1.1628.5	0.0	-35.2
	sc Max	26	-1.1628.5	0.0	-7.3
	sc Med	26	-1.1628.5	0.0	-7.1
	st	24	-1.1628.5	0.0	-103.4
	sc	26	-1.1628.5	0.0	-35.2
	sc	26	-1.1628.5	0.0	-109.5
Sommità	sc	26	-1.1628.5	0.0	-35.2
	sc Max	26	-1.1628.5	0.0	-7.3
	sc Med	26	-1.1628.5	0.0	-7.1
	st	24	-1.1628.5	0.0	-103.4
	sc	26	-1.1628.5	0.0	-35.2
	sc	26	-1.1628.5	0.0	-109.5

▲ Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	V_{ed} [kg]	N_{ed} [kg]	M_{ed} [kg]	V_{red} [kg]	V_{red} [kg]	V_d/V_{red}
4188	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4304	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4306	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4308	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4310	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4312	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4314	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4316	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4318	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4320	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4322	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4324	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4326	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4328	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4330	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4332	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4334	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4336	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4338	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4340	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4342	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4344	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4346	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4348	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4350	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4352	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4354	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4356	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4358	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4360	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4362	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4364	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4366	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4368	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4370	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4372	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4374	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4376	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4378	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4380	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4382	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4384	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4386	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4388	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4390	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4392	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4394	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4396	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4398	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4400	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4402	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4404	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4406	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4408	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4410	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4412	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4414	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4416	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4418	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4420	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4422	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4424	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4426	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4428	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4430	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4432	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4434	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4436	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4438	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4440	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4442	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4444	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4446	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4448	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4450	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4452	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4454	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4456	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4458	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4460	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4462	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4464	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4466	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4468	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4470	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4472	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4474	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4476	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4478	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4480	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4482	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4484	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4486	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4488	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4490	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4492	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4494	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4496	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4498	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4500	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4502	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4504	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4506	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4508	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4510	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4512	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4514	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4516	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4518	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4520	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4522	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4524	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4526	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4528	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4530	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4532	4339	13	-3105.3	1.00	-3105.3	-11895.9	-61.3	62910.7	18719.9
4534	4339	13	-3105.3	1.00	-3105.3	-11895.9</			

▲Setto : 4338 4487 4488 4339 / Sezione 41

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

Sezione	Comb.	N ₁₂ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-1558,7	0,0	-15,9	0,05
Sommità	1	-15301,0	0,0	-210,5	0,05

S.L.E.	Combinazione	N	M ₅₀ [kgm]	M ₅₀ [kgm]	σ [kg/cm ²]
Base	sc	26	-1.0635.1	0.0	-10.7
	sc Max	26	-1.0635.1	0.0	-10.7
	sc Med	26	-1.0635.1	0.0	-6.5
	sc	24	-1.0635.1	0.0	-10.7
Sommità	sc	26	-1.0635.1	0.0	-10.7
	sc Max	26	-1.0635.1	0.0	-10.7
	sc Med	26	-1.0635.1	0.0	-6.5
	sc	24	-1.0635.1	0.0	-10.7

▲ Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	V_{fd} [kg]	N_{fd} [kg]	M_{fd} [kg]	V_{fcd} [kg]	V_{fcd} [kg]	$V_{fd,confinimento}$ [kg]	V_f/V_r
4338.4488	16	3188.1	1.00	3188.1	-103099.9	32	62910.7	18719.9	42030.9	0.17

S.L.E.	Combinazione	N [kg]	M _{u1} [kgm]	M _{u2} [kgm]	σ [kg/cm ²]
Base		26	-78462	0.0	-1394
sc Max		26	-78462	0.0	-1394
sc Med		24	-78462	0.0	-1394
st		24	-78462	0.0	-1394
sc		26	-78462	0.0	-1394
Sommila		26	-78462	0.0	-1394
sc Max		26	-78462	0.0	-1394
sc Med		26	-78462	0.0	-1394
st		24	-78462	0.0	-1394
sc		26	-78462	0.0	-1394

Nodi	Comb.	V _d [kg]	α	V _{uo} [kg]	N _{uo} [kg]	M _{uo} [kgm]	V _{uo} [kg]	M _{u1} [kgm]	V _{uo} [kg]	V _{uo} massimo [kg]	V _u [kg]
4936 5086	13	-3032.5	1.00	-3032.5	-9174.7	-38.0	62910.7	18719.9	41399.1	0.16	

▲Verifiche a Taglio

▲Setto : 5085 5235 5236 5086 / Sezione 51

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

Sezione	Comb.	N _{uo} [kg]	M _{u1} [kgm]	M _{u2} [kgm]	Sd/Sr
Base	1	-106604	0.0	-63.1	0.03
Sommila	12	-9926.7	0.0	850.4	0.05

S.L.E.	Combinazione	N [kg]	M _{u1} [kgm]	M _{u2} [kgm]	σ [kg/cm ²]
Base		26	-72308	0.0	-405
sc Max		26	-72308	0.0	-405
sc Med		24	-72308	0.0	-405
st		24	-72308	0.0	-405
sc		26	-72308	0.0	-405
Sommila		26	-72308	0.0	-405
sc Max		26	-72308	0.0	-405
sc Med		26	-72308	0.0	-405
st		24	-72308	0.0	-405
sc		26	-72308	0.0	-405

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{uo} [kg]	N _{uo} [kg]	M _{uo} [kgm]	V _{uo} [kg]	M _{u1} [kgm]	V _{uo} [kg]	V _{uo} massimo [kg]	V _u [kg]
5085 5236	13	-3294.0	1.00	-3294.0	-9327.2	-65.5	62910.7	18719.9	41529.6	0.18	

▲Setto : 5235 5384 5385 5236 / Sezione 51

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

Sezione	Comb.	N _{uo} [kg]	M _{u1} [kgm]	M _{u2} [kgm]	Sd/Sr
Base	12	-10305.3	0.0	-128.6	0.03
Sommila	12	-10263.0	0.0	876.7	0.05

S.L.E.	Combinazione	N [kg]	M _{u1} [kgm]	M _{u2} [kgm]	σ [kg/cm ²]
Base		26	-61846	0.0	-49.1
sc Max		26	-61846	0.0	-49.1
sc Med		26	-61846	0.0	-49.1
st		24	-61846	0.0	-49.1
sc		26	-61846	0.0	-49.1

Sezione	Comb.	N _{uo} [kg]	M _{u1} [kgm]	M _{u2} [kgm]	Sd/Sr
Base	1	-13771.0	0.0	-18.5	0.04
Sommila	1	-13491.6	0.0	-31.7	0.04

S.L.E.	Combinazione	N [kg]	M _{u1} [kgm]	M _{u2} [kgm]	σ [kg/cm ²]
Base		26	-93257	0.0	-124
sc Max		26	-93257	0.0	-124
sc Med		26	-93257	0.0	-124
st		24	-93257	0.0	-124
sc		26	-93257	0.0	-124
Sommila		26	-93257	0.0	-124
sc Max		26	-93257	0.0	-124
sc Med		26	-93257	0.0	-124
st		24	-93257	0.0	-124
sc		26	-93257	0.0	-124

Nodi	Comb.	V _d [kg]	α	V _{uo} [kg]	N _{uo} [kg]	M _{uo} [kgm]	V _{uo} [kg]	M _{u1} [kgm]	V _{uo} [kg]	V _{uo} massimo [kg]	V _u [kg]
4637 4787	16	1900.8	1.00	1900.8	-7773.9	17.3	62910.7	18719.9	40640.3	0.10	

▲Verifiche a Taglio

▲Setto : 4786 4936 4937 4787 / Sezione 51

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

Sezione	Comb.	N _{uo} [kg]	M _{u1} [kgm]	M _{u2} [kgm]	Sd/Sr
Base	1	-12394.2	0.0	10.6	0.04
Sommila	1	-12147.3	0.0	334.7	0.04

S.L.E.	Combinazione	N [kg]	M _{u1} [kgm]	M _{u2} [kgm]	σ [kg/cm ²]
Base		26	-84222	0.0	59
sc Max		26	-84222	0.0	59
sc Med		26	-84222	0.0	59
st		24	-84222	0.0	59
sc		26	-84222	0.0	59
Sommila		26	-84222	0.0	59
sc Max		26	-84222	0.0	59
sc Med		26	-84222	0.0	59
st		24	-84222	0.0	59
sc		26	-84222	0.0	59

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{uo} [kg]	N _{uo} [kg]	M _{uo} [kgm]	V _{uo} [kg]	M _{u1} [kgm]	V _{uo} [kg]	V _{uo} massimo [kg]	V _u [kg]
4786 4937	13	-2575.2	1.00	-2575.2	-9384.7	-13.7	62910.7	18719.9	41490.7	0.14	

▲Setto : 4936 5085 5086 4937 / Sezione 51

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

Sezione	Comb.	N _{uo} [kg]	M _{u1} [kgm]	M _{u2} [kgm]	Sd/Sr
Base	1	-11551.1	0.0	-29.5	0.04
Sommila	1	-11300.6	0.0	543.8	0.04

▲ Verifiche a Taglio

Nodi	Comb.	V_a [kg]	α	V_{fa} [kg]	N_{fa} [kg]	M_{fa} [kg]	V_{rad} [kg]	V_{rad} [kg]	V_{rel} [kg]	V_{rel} [kg]	V_{rel} [kg]
5534 6035	12	8796.3	1.00	8796.3	-115491	713.5	62910.7	18719.9	41340.7	0.47	

▲Setto : 84 480 481 85 / Sezione 11

▲Armature su ogni faccia: Verticali : $\varnothing 20\ 20'$ [cm], Orizzontali : $\varnothing 14\ 15'$ [cm]

Sezione	Comb.	N _{tot} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-231491	0.0	282.0	0.07
Sommità	12	-185630	0.0	-1132.4	0.07

S.L.E.	Combinazione	N [kg]	M ₂ [kgm]	M ₁ [kgm]	σ [kg/cm ²]	
Base						
	sc Max	26	-1.5823.0	0.0	193.6	-106
	sc Med	26	-1.5823.0	0.0	193.6	-94
	sc	24	-1.5823.0	0.0	193.6	-125.8
Sommità						
	sc Max	26	-1.5823.0	0.0	193.6	-106
	sc Med	26	-1.5823.0	0.0	193.6	-94
	sc	24	-1.5823.0	0.0	193.6	-125.8

▲ Verifiche a Taglio

[illegible]

▲Setto : 480 626 627 481 / Sezione 11

▲Armature su ogni faccia: Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N ₄₈ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-23080.9	0.0	268.6	0.07
Sommità	1	-23113.8	0.0	-655.4	0.08

S.L.E.	Combinazione	N [kg]	M ₂ [kgm]	M ₁ [kgm]	σ [kg/cm ²]	
Sommità	Base					
	sc Max	26	-15744.2	0.0	184.3	-105
	sc Med	26	-15744.2	0.0	184.3	-9.3
	sc	24	-15744.2	0.0	184.3	-125.8
	st	26	-15744.2	0.0	184.3	-153.9
	sc	26	-15744.2	0.0	184.3	-153.9
Sommata	Base					
	sc Max	26	-15744.2	0.0	184.3	-105
	sc Med	26	-15744.2	0.0	184.3	-9.3
	sc	24	-15744.2	0.0	184.3	-125.8
	st	26	-15744.2	0.0	184.3	-153.9
	sc	26	-15744.2	0.0	184.3	-153.9

▲ Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	V_{ed} [kg]	N_{ed} [kg]	M_{ed} [kg]	V_{red} [kg]	V_{red} [kg]	$V_{d,accordinato}$ [kg]	$V_{s/}$ V_s
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Sommita				
sc Max	26	-61.84.6	0.0	-49.1
sc Med	26	-61.84.6	0.0	-49.1
st	24	-61.84.6	0.0	-52.4
sc	26	-61.84.6	0.0	-60.8

▲ Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{ad} [kg]	V _{Rd} [kg]	V _{Rd} scartiamenti [kg]	V _r / V _{Rd}	
5235	5385	13	-3166.4	1.00	-3166.4	-9619.9	-114.2	62910.7	18719.9	41774.4	0.17

▲Setto : 5384 5534 5535 5385 / Sezione 51

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

Sezione	Comb.	N ₆₄ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	16	2323.8	0.0	-122.7	0.08
Sommità	16	2810.4	0.0	613.6	0.16

S.L.E.	Combinazione	N [log]	M ₂₀ [kgm]	M ₁₀ [kgm]	σ [log/cm ²]
Base	sc Max	26	-4072.3	0.0	47.2
	sc Med	26	-4072.3	0.0	47.2
	sc Min	24	-4072.3	0.0	47.2
	sc	26	-4072.3	0.0	47.2
	sc	26	-4072.3	0.0	47.2
	sc	26	-4072.3	0.0	47.2
Sommitta	sc Max	26	-4072.3	0.0	47.2
	sc Med	26	-4072.3	0.0	47.2
	sc Min	24	-4072.3	0.0	47.2
	sc	26	-4072.3	0.0	47.2
	sc	26	-4072.3	0.0	47.2
	sc	26	-4072.3	0.0	47.2

▲ Verifiche a Taglio

Nodi	Comb.	V_e [kg]	α	$V_{e,d}$ [kg]	N_{ed} [kg]	M_{ed} [kg]	$V_{e,d}$ [kg]	V_{tot} [kg]	$V_{Redistribuzione}$ [kg]	V_e/V_e	
5384	5535	17	-2564.3	1.00	-2564.3	1707.9	-106.0	62910.7	18719.9	11396.6	0.23

▲Setto : 5534 6034 6035 5535 / Sezione 51

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

Sezione	Comb.	N ₄₄ [kg]	M ₄₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	16	5596.0	0.0	-438.7	0.21
Sommità	17	5216.3	0.0	1164.5	0.29

S.L.E.	Combinazione	N [kg]	M ₁₂ [kg _m]	M ₁₃ [kg _m]	σ [kg/cm ²]
Base					
	sc Max	26	-3442.3	0.0	174.5
	sc Med	26	-3442.3	0.0	174.5
	sc	24	-3442.3	0.0	174.5
sc					
	sc	26	-3442.3	0.0	174.5
					-46.6
Sommità					
	sc Max	26	-3442.3	0.0	174.5
	sc Med	26	-3442.3	0.0	174.5
	sc	24	-3442.3	0.0	174.5
sc					
	sc	26	-3442.3	0.0	174.5
					-46.6

Sezione	Comb.	N _{d6} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-26939.7	0.0	-17.6	0.08
Sommità	1	-26972.9	0.0	-1768.3	0.11

S.I.E.	Combinazione	N	M ₂ [kg]	M ₁ [kg]	σ [kg/cm ²]
Base					
	sc Max	26	-184.216	0.0	-11.5
	sc Med	26	-184.216	0.0	-11.5
	st	24	-184.216	0.0	-16.28
	sc	26	-184.216	0.0	-11.5
					-16.45
Sommata					
	sc Max	26	-184.216	0.0	-11.5
	sc Med	26	-184.216	0.0	-11.5
	st	24	-184.216	0.0	-11.5
	sc	26	-184.216	0.0	-11.5
					-16.45

▲ Verifiche a Taglio

Nodi	Comb.	V_d	α	V_{ed}	N_{ed}	M_{ed}	V_{red}	V_{red}	$V_{ed, orientato}$	V_d/V_r
				[kg]		[kg]	[kg]	[kg]		
917 1063	1	7147,5	1,00	7147,5	-26939,7	-17,6	62910,7	33973,1	89332,4	0,21

▲Setto : 1062 1208 1209 1063 / Sezione 11

▲Armature su ogni faccia: Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{sd} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-27497.7	0.0	-35.2	0.08
Sommità	1	-27466.1	0.0	-1863.2	0.11

S.L.E.	Combinazione	N	M ₁₂ [kg]	M ₁₁ [kg]	σ [kg/cm ²]
Bases					
sc	Max	26	-188.317	0.0	-23.9
	Med	26	-188.317	0.0	-23.9
	st	24	-188.317	0.0	-23.9
	sc	26	-188.317	0.0	-23.9
Sornitta					
sc	Max	26	-188.317	0.0	-23.9
	Med	26	-188.317	0.0	-23.9
	st	24	-188.317	0.0	-23.9
	sc	26	-188.317	0.0	-23.9

▲Verifiche a Taglio

Nodi	Comb.	V _d	α	V _{id}	N _{id}	M _{id}	V _{red}	V _{red}	V _r	V _r
		[kg]		[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]
1062	1209	17588.1	1.00	7588.1	-27497.7	-35.2	62910.7	33973.1	89692.3	0.22

▲Setto : 1208 1353 1354 1209 / Sezione 11

▲Armature su ogni faccia: Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N ₅₆ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-27751.8	0.0	-36.3	0.08
Sommità	1	-27693.8	0.0	-1917.8	0.11

▲Setto : 626 771 772 627 / Sezione 11

Sezione	Comb.	N _{t,d} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-24380.2	0.0	11.7	0.07
Sommità	1	-24525.2	0.0	-1148.2	0.09

S.L.E.	Combinazione	N	M ₂ [kgm]	M ₃ [kgm]	σ [kg/cm ²]
Base	sc	26	-1.6630.5	0.0	76.1
	sc	26	-1.6630.5	0.0	76.1
	sc	26	-1.6630.5	0.0	76.1
	sc	26	-1.6630.5	0.0	76.1
Sommità	sc	26	-1.6630.5	0.0	76.1
	sc	26	-1.6630.5	0.0	76.1
	sc	26	-1.6630.5	0.0	76.1
	sc	26	-1.6630.5	0.0	76.1

▲ Verifiche a Taglio

Nodi	Comb.	V _d	V _{ed}	α	N _{ed}	M _{ed}	V _{red}	V _{red}	V _{ed,carricamento}	V _r /V _r
		[kg]			[kg]	[kg]	[kg]	[kg]		
626 772	16	5519.3	1.00	5519.3	-155058	107.7	62910.7	33973.1	82600.0	0.16

▲Setto : 771 917 918 772 / Sezione 11

▲Armatore su ogni faccia: Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	Ni ₄₂ [kg]	M ₂₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-25876.9	0.0	37.5	0.08
Sommità	1	-25971.3	0.0	-1577.4	0.10

S.L.E.	Combinazione	N	M ₂ [kgm]	M ₃ [kgm]	σ [kg/cm ²]
Base	Max	26	-1.7670.3	0.0	25.6
	sc Max	26	-1.7670.3	0.0	25.6
	sc Med	26	-1.7670.3	0.0	25.6
	sc	24	-1.7670.3	0.0	25.6
Sommità	Max	26	-1.7670.3	0.0	25.6
	sc Max	26	-1.7670.3	0.0	25.6
	sc Med	26	-1.7670.3	0.0	25.6
	sc	24	-1.7670.3	0.0	25.6

▲ Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	V_{ad} [kg]	N_{ed}	M_{ad} [kg]	V_{red} [kg]	V_{red}	$V_{ad,concentrato}$ [kg]	V_d/V_R
771.918	16	6307.6	1.00	6307.6	-17214.0	8.7	62910.7	33973.1	83484.5	0.19

▲Setto : 917 1062 1063 918 / Sezione 11

▲Armatore su ogni faccia: Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

	24	-18199.8	0.0	-29.7	-164.1
	26	-18199.8	0.0	-29.7	-169.2
Sommità	26	-18199.8	0.0	-29.7	-111.3
sc Max	26	-18199.8	0.0	-29.7	-11.1
sc Med	24	-18199.8	0.0	-29.7	-164.1
st	24	-18199.8	0.0	-29.7	-169.2
sc	26	-18199.8	0.0	-29.7	-169.2

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₃ [kgm]	V ₁₃ [kg]	V ₁₃ corrente [kg]	σ [kg/cm ²]
6435 1499	16	7844.7	1.00	7844.7	18749.4	-62.3	62910.7	18719.9	47381.3	0.43	

▲Setto : 1498 1648 1649 1499 / Sezione 21

▲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	-27177.5	0.0	-41.1	0.08
Sommità	1	-27086.8	0.0	-1182.1	0.10

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base	26	-18596.1	0.0	-27.4	-11.5
sc Max	26	-18596.1	0.0	-27.4	-11.3
sc Med	24	-18596.1	0.0	-27.4	-167.9
st	26	-18596.1	0.0	-27.4	-172.6
sc	26	-18596.1	0.0	-27.4	-172.6
Sommità	26	-18596.1	0.0	-27.4	-11.5
sc Max	26	-18596.1	0.0	-27.4	-11.3
sc Med	24	-18596.1	0.0	-27.4	-167.9
st	26	-18596.1	0.0	-27.4	-172.6
sc	26	-18596.1	0.0	-27.4	-172.6

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₃ [kgm]	V ₁₃ [kg]	V ₁₃ corrente [kg]	σ [kg/cm ²]
1498 1649	16	8048.6	1.00	8048.6	19100.9	-56.6	62910.7	18719.9	47381.3	0.43	

▲Setto : 1648 1797 1798 1649 / Sezione 21

▲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	-27440.7	0.0	-34.3	0.08
Sommità	1	-27318.5	0.0	-1071.2	0.10

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base	26	-18770.7	0.0	-23.3	-11.6
sc Max	26	-18770.7	0.0	-23.3	-11.5
sc Med	24	-18770.7	0.0	-23.3	-169.8
st	26	-18770.7	0.0	-23.3	-173.8
sc	26	-18770.7	0.0	-23.3	-173.8
Sommità	26	-18770.7	0.0	-23.3	-11.6
sc Max	26	-18770.7	0.0	-23.3	-11.5
sc Med	24	-18770.7	0.0	-23.3	-169.8
st	24	-18770.7	0.0	-23.3	-169.8

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base	26	-19015.6	0.0	-25.2	-11.4
sc Max	26	-19015.6	0.0	-25.2	-11.3
sc Med	24	-19015.6	0.0	-25.2	-167.0
st	26	-19015.6	0.0	-25.2	-170.9
sc	26	-19015.6	0.0	-25.2	-170.9
Sommità	26	-19015.6	0.0	-25.2	-11.4
sc Max	26	-19015.6	0.0	-25.2	-11.3
sc Med	24	-19015.6	0.0	-25.2	-167.0
st	26	-19015.6	0.0	-25.2	-170.9
sc	26	-19015.6	0.0	-25.2	-170.9

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₃ [kgm]	V ₁₃ [kg]	V ₁₃ corrente [kg]	σ [kg/cm ²]
1208 1354	16	7881.7	1.00	7881.7	19867.9	-78.4	62910.7	33973.1	83175.6	0.23	

▲Setto : 1353 6435 6436 1354 / Sezione 11

▲Armature su ogni faccia Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-27948.7	0.0	-31.5	0.08
Sommità	1	-27894.3	0.0	-2005.9	0.11

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base	26	-19129.3	0.0	-21.9	-11.5
sc Max	26	-19129.3	0.0	-21.9	-11.3
sc Med	24	-19129.3	0.0	-21.9	-168.3
st	26	-19129.3	0.0	-21.9	-171.6
sc	26	-19129.3	0.0	-21.9	-171.6
Sommità	26	-19129.3	0.0	-21.9	-11.5
sc Max	26	-19129.3	0.0	-21.9	-11.3
sc Med	24	-19129.3	0.0	-21.9	-168.3
st	26	-19129.3	0.0	-21.9	-171.6
sc	26	-19129.3	0.0	-21.9	-171.6

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₃ [kgm]	V ₁₃ [kg]	V ₁₃ corrente [kg]	σ [kg/cm ²]
1353 6436	12	8689.1	1.00	8689.1	17780.3	34.6	62910.7	33973.1	83860.9	0.26	

▲Setto : 6435 1498 1499 6436 / Sezione 21

▲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	-26510.7	0.0	-44.5	0.08
Sommità	1	-26515.2	0.0	-1254.4	0.10

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base	26	-18199.8	0.0	-29.7	-11.3
sc Max	26	-18199.8	0.0	-29.7	-11.1
sc Med	26	-18199.8	0.0	-29.7	-11.1

	V _e [kg]	V _u [kg]	N _u [kg]	M _u [kg]	V _u [kg]	V _u [kg]	V _u [kg]
1947 2097	16	8072.7	1.00	8072.7	-18881.3	-57.6	62910.7
							18719.9
							47310.8
							0.43

▲Setto : 2096 2246 2247 2097 / Sezione 21

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

Sezione	Comb.	N _u [kg]	M _u [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-26509.1	0.0	-23.3	0.08	
Sommità	16	-18621.8	0.0	-1863.6	0.09	

S.L.E.	Combinazione	N [kg]	M _u [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base						
sc Max	26	-18193.9	0.0	-15.8	-11.2	
sc Med	26	-18193.9	0.0	-15.8	-11.1	
st	24	-18193.9	0.0	-15.8	-165.2	
sc	26	-18193.9	0.0	-15.8	-167.9	
Sommità						
sc Max	26	-18193.9	0.0	-15.8	-11.2	
sc Med	26	-18193.9	0.0	-15.8	-11.1	
st	24	-18193.9	0.0	-15.8	-165.2	
sc	26	-18193.9	0.0	-15.8	-167.9	

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _u [kg]	N _u [kg]	M _u [kg]	V _u [kg]	V _u [kg]	V _u [kg]	V _u [kg]
2096 2247	16	7459.7	1.00	7659.7	-18723.8	-57.5	62910.7	18719.9	47156.3	0.43

▲Setto : 2246 2395 2396 2247 / Sezione 21

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

Sezione	Comb.	N _u [kg]	M _u [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-26039.8	0.0	-11.9	0.08	
Sommità	1	-25874.5	0.0	-817.6	0.09	

S.L.E.	Combinazione	N [kg]	M _u [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base						
sc Max	26	-17871.0	0.0	-8.5	-11.0	
sc Med	26	-17871.0	0.0	-8.5	-10.9	
st	24	-17871.0	0.0	-8.5	-162.9	
sc	26	-17871.0	0.0	-8.5	-164.3	
Sommità						
sc Max	26	-17871.0	0.0	-8.5	-11.0	
sc Med	26	-17871.0	0.0	-8.5	-10.9	
st	24	-17871.0	0.0	-8.5	-162.9	
sc	26	-17871.0	0.0	-8.5	-164.3	

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _u [kg]	N _u [kg]	M _u [kg]	V _u [kg]	V _u [kg]	V _u [kg]	V _u [kg]
2246 2396	16	7296.3	1.00	7296.3	-18465.4	-51.5	62910.7	18719.9	46992.6	0.39

▲Setto : 2395 6535 6536 2396 / Sezione 21

sc	26	-18770.7	0.0	-23.3	-173.8
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▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _u [kg]	N _u [kg]	M _u [kg]	V _u [kg]	V _u [kg]	V _u [kg]	V _u [kg]
1648 1798	16	8281.0	1.00	8281.0	-19244.6	-53.3	62910.7	18719.9	47462.8	0.44

▲Setto : 1797 1947 1948 1798 / Sezione 21

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

Sezione	Comb.	N _u [kg]	M _u [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-27353.3	0.0	-30.2	0.08	
Sommità	16	-19084.4	0.0	-2026.4	0.10	

S.L.E.	Combinazione	N [kg]	M _u [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base						
sc Max	26	-18731.4	0.0	-20.8	-11.6	
sc Med	26	-18731.4	0.0	-20.8	-11.4	
st	24	-18731.4	0.0	-20.8	-169.7	
sc	26	-18731.4	0.0	-20.8	-173.3	
Sommità						
sc Max	26	-18731.4	0.0	-20.8	-11.6	
sc Med	26	-18731.4	0.0	-20.8	-11.4	
st	24	-18731.4	0.0	-20.8	-169.7	
sc	26	-18731.4	0.0	-20.8	-173.3	

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _u [kg]	N _u [kg]	M _u [kg]	V _u [kg]	V _u [kg]	V _u [kg]	V _u [kg]
1797 1948	16	8313.1	1.00	8313.1	-19165.5	-55.8	62910.7	18719.9	47418.8	0.44

▲Setto : 1947 2096 2097 1948 / Sezione 21

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

Sezione	Comb.	N _u [kg]	M _u [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-27022.9	0.0	-30.8	0.08	
Sommità	16	-18886.4	0.0	-1963.7	0.10	

S.L.E.	Combinazione	N [kg]	M _u [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base						
sc Max	26	-18526.5	0.0	-20.6	-11.5	
sc Med	26	-18526.5	0.0	-20.6	-11.3	
st	24	-18526.5	0.0	-20.6	-167.8	
sc	26	-18526.5	0.0	-20.6	-171.4	
Sommità						
sc Max	26	-18526.5	0.0	-20.6	-11.5	
sc Med	26	-18526.5	0.0	-20.6	-11.3	
st	24	-18526.5	0.0	-20.6	-167.8	
sc	26	-18526.5	0.0	-20.6	-171.4	

▲Verifiche a Taglio

Nodi Comb. α

Sommità	1	-24183.1	0.0	-778.8	0.09
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S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-16645.8	0.0	-13.0	-10.3
sc Med	26	-16645.8	0.0	-13.0	-10.2
st	24	-16645.8	0.0	-13.0	-151.3
sc	26	-16645.8	0.0	-13.0	-153.5
Sommità					
sc Max	26	-16645.8	0.0	-13.0	-10.3
sc Med	26	-16645.8	0.0	-13.0	-10.2
st	24	-16645.8	0.0	-13.0	-151.3
sc	26	-16645.8	0.0	-13.0	-153.5

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{red,combinato} [kg]	V _e [kg]
2545 2695	16	6126.4	1.00	6126.4	-16477.4	4.9	62910.7	18719.9	45733.7
									0.33

▲Setto : 2694 2844 2845 2695 / 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	-24223.3	0.0	-13.0	0.07
Sommità	1	-24033.3	0.0	-645.9	0.08

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-16561.9	0.0	-9.0	-10.2
sc Med	26	-16561.9	0.0	-9.0	-10.1
st	24	-16561.9	0.0	-9.0	-150.8
sc	26	-16561.9	0.0	-9.0	-152.4
Sommità					
sc Max	26	-16561.9	0.0	-9.0	-10.2
sc Med	26	-16561.9	0.0	-9.0	-10.1
st	24	-16561.9	0.0	-9.0	-150.8
sc	26	-16561.9	0.0	-9.0	-152.4

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{red,combinato} [kg]	V _e [kg]
2694 2845	16	6198.9	1.00	6198.9	-16403.5	7.2	62910.7	18719.9	45692.7
									0.33

▲Setto : 2844 2993 2994 2845 / 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	-23665.1	0.0	-10.6	0.07
Sommità	1	-23451.6	0.0	-593.3	0.08

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 _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-25787.2	0.0	-4.9	0.08
Sommità	1	-25687.6	0.0	-911.5	0.09

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-17664.4	0.0	-3.9	-10.8
sc Med	26	-17664.4	0.0	-3.9	-10.8
st	24	-17664.4	0.0	-3.9	-161.4
sc	26	-17664.4	0.0	-3.9	-162.0
Sommità					
sc Max	26	-17664.4	0.0	-3.9	-10.8
sc Med	26	-17664.4	0.0	-3.9	-10.8
st	24	-17664.4	0.0	-3.9	-161.4
sc	26	-17664.4	0.0	-3.9	-162.0

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{red,combinato} [kg]	V _e [kg]
2395 6536	16	7245.1	1.00	7245.1	-18204.8	-38.0	62910.7	18719.9	46817.1
									0.39

▲Setto : 6535 2545 2546 6536 / 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	-23861.7	0.0	-21.3	0.07
Sommità	1	-23826.8	0.0	-888.4	0.09

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-16377.3	0.0	-14.1	-10.1
sc Med	26	-16377.3	0.0	-14.1	-10.0
st	24	-16377.3	0.0	-14.1	-148.7
sc	26	-16377.3	0.0	-14.1	-151.1
Sommità					
sc Max	26	-16377.3	0.0	-14.1	-10.1
sc Med	26	-16377.3	0.0	-14.1	-10.0
st	24	-16377.3	0.0	-14.1	-148.7
sc	26	-16377.3	0.0	-14.1	-151.1

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{red,combinato} [kg]	V _e [kg]
6535 2546	16	6140.0	1.00	6140.0	-16384.9	2.6	62910.7	18719.9	45795.1
									0.33

▲Setto : 2545 2694 2695 2546 / 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	-24329.7	0.0	-19.6	0.07

sc Med	26	-15090.8	0.0	-8.2	-9.2
st	24	-15090.8	0.0	-8.2	-137.4
sc	26	-15090.8	0.0	-8.2	-138.9

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{ed,corrente} [kg]	V _d [kg]
3143 3293	16	5523.9	1.00	5523.9	-15364.6	-29.3	62910.7	18719.9	45100.7

▲Setto : 3292 3442 3443 3293 / 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	-21301.5	0.0	-0.7	0.06
Sommità	1	-21109.8	0.0	-488.3	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-14603.9	0.0	-1.1	-8.9
sc Med	26	-14603.9	0.0	-1.1	-8.9
st	24	-14603.9	0.0	-1.1	-133.6
sc	26	-14603.9	0.0	-1.1	-133.8
Sommità					
sc Max	26	-14603.9	0.0	-1.1	-8.9
sc Med	26	-14603.9	0.0	-1.1	-8.9
st	24	-14603.9	0.0	-1.1	-133.6
sc	26	-14603.9	0.0	-1.1	-133.8

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{ed,corrente} [kg]	V _d [kg]
3292 3443	16	5212.7	1.00	5212.7	-14933.4	-23.8	62910.7	18719.9	44834.3

▲Setto : 3442 6335 6336 3443 / 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	-20999.8	0.0	4.2	0.06
Sommità	1	-20913.9	0.0	-625.8	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-14360.3	0.0	2.2	-8.8
sc Med	26	-14360.3	0.0	2.2	-8.8
st	24	-14360.3	0.0	2.2	-131.3
sc	26	-14360.3	0.0	2.2	-131.7
Sommità					
sc Max	26	-14360.3	0.0	2.2	-8.8
sc Med	26	-14360.3	0.0	2.2	-8.8
st	24	-14360.3	0.0	2.2	-131.3
sc	26	-14360.3	0.0	2.2	-131.7

sc Max	26	-16195.5	0.0	-7.7	-9.9
sc Med	26	-16195.5	0.0	-7.7	-9.9
st	24	-16195.5	0.0	-7.7	-147.6
sc	26	-16195.5	0.0	-7.7	-148.9
Sommità					
sc Max	26	-16195.5	0.0	-7.7	-9.9
sc Med	26	-16195.5	0.0	-7.7	-9.9
st	24	-16195.5	0.0	-7.7	-147.6
sc	26	-16195.5	0.0	-7.7	-148.9

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{ed,corrente} [kg]	V _d [kg]
2844 2994	16	6167.2	1.00	6167.2	-16098.2	8.8	62910.7	18719.9	45511.7

▲Setto : 2993 3143 3144 2994 / 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	-22899.3	0.0	-17.8	0.07
Sommità	16	-15806.0	0.0	-1458.1	0.08

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-15688.0	0.0	-12.0	-9.7
sc Med	26	-15688.0	0.0	-12.0	-9.6
st	24	-15688.0	0.0	-12.0	-142.6
sc	26	-15688.0	0.0	-12.0	-144.6
Sommità					
sc Max	26	-15688.0	0.0	-12.0	-9.7
sc Med	26	-15688.0	0.0	-12.0	-9.6
st	24	-15688.0	0.0	-12.0	-142.6
sc	26	-15688.0	0.0	-12.0	-144.6

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{ed,corrente} [kg]	V _d [kg]
2993 3144	16	5917.1	1.00	5917.1	-15952.3	2.7	62910.7	18719.9	45415.6

▲Setto : 3143 3292 3293 3144 / 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	-22005.1	0.0	-12.0	0.07
Sommità	1	-21771.8	0.0	-420.8	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-15090.8	0.0	-8.2	-9.3
sc Med	26	-15090.8	0.0	-8.2	-9.2
st	24	-15090.8	0.0	-8.2	-137.4
sc	26	-15090.8	0.0	-8.2	-138.9
Sommità					
sc Max	26	-15090.8	0.0	-8.2	-9.3

▲Setto : 3741 3890 3891 3742 / Sezione 41

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

▲Setto : 6335 3591 3592 6336 / Sezione 41

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

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _u [kg]	N _u [kg]	M _u [kgm]	V _{red} [kg]	V _{u,intermedia} [kg]	V _d [kg]
3442 6336	16	5215.7	1.00	5215.7	-14733.8	17.8	62910.7	18719.9	44705.9
									0.28

Sezione	Comb.	N _u [kg]	M _u [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-13857.9	0.0	-16.6	0.06
Sommità	1	-18833.9	0.0	-676.7	0.07

S.L.E.	Combinazione	N [kg]	M _u [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-12917.8	0.0	-10.9	-8.0
sc Med	26	-12917.8	0.0	-10.9	-7.9
st	24	-12917.8	0.0	-10.9	-117.3
sc	26	-12917.8	0.0	-10.9	-119.2
Sommità					
sc Max	26	-12917.8	0.0	-10.9	-8.0
sc Med	26	-12917.8	0.0	-10.9	-7.9
st	24	-12917.8	0.0	-10.9	-117.3
sc	26	-12917.8	0.0	-10.9	-119.2

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _u [kg]	N _u [kg]	M _u [kgm]	V _{red} [kg]	V _{u,intermedia} [kg]	V _d [kg]
6335 3592	16	4421.2	1.00	4421.2	-12707.6	10.9	62910.7	18719.9	43484.0
									0.24

▲Setto : 3591 3741 3742 3592 / Sezione 41

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

Sezione	Comb.	N _u [kg]	M _u [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-19306.7	0.0	-16.0	0.06
Sommità	1	-19138.3	0.0	-512.2	0.07

S.L.E.	Combinazione	N [kg]	M _u [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-13171.8	0.0	-10.6	-8.1
sc Med	26	-13171.8	0.0	-10.6	-8.0
st	24	-13171.8	0.0	-10.6	-119.7
sc	26	-13171.8	0.0	-10.6	-121.5
Sommità					
sc Max	26	-13171.8	0.0	-10.6	-8.1
sc Med	26	-13171.8	0.0	-10.6	-8.0
st	24	-13171.8	0.0	-10.6	-119.7
sc	26	-13171.8	0.0	-10.6	-121.5

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _u [kg]	N _u [kg]	M _u [kgm]	V _{red} [kg]	V _{u,intermedia} [kg]	V _d [kg]
3591 3742	16	4098.4	1.00	4098.4	-12798.8	17.1	62910.7	18719.9	43543.9
									0.22

S.L.E.	Combinazione	N [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-10506.5	0.0	-2.6	-6.4
sc Med	26	-10506.5	0.0	-2.6	-6.4
st	24	-10506.5	0.0	-2.6	-96.0
sc	26	-10506.5	0.0	-2.6	-96.4
Sommità					
sc Max	26	-10506.5	0.0	-2.6	-6.4
sc Med	26	-10506.5	0.0	-2.6	-6.4
st	24	-10506.5	0.0	-2.6	-96.0
sc	26	-10506.5	0.0	-2.6	-96.4

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{1,2} [kgm]	V _{red} [kg]	V _{red} V _{ed} normata [kg]	V _d / V _e
4339 4489	16	3485.3	1.00	3485.3	-10429.7	13.5	62910.7	18719.9	42117.3 0.19

▲Setto : 4488 6127 6180 4489 / Sezione 41

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

Sezione	Comb.	N _{ed} [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	Sd/Sr
Base	1	-15150.3	0.0	-0.1	0.05
Sommità	1	-15102.3	0.0	-526.8	0.05

S.L.E.	Combinazione	N [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-10315.3	0.0	-0.6	-6.3
sc Med	26	-10315.3	0.0	-0.6	-6.3
st	24	-10315.3	0.0	-0.6	-94.4
sc	26	-10315.3	0.0	-0.6	-94.5
Sommità					
sc Max	26	-10315.3	0.0	-0.6	-6.3
sc Med	26	-10315.3	0.0	-0.6	-6.3
st	24	-10315.3	0.0	-0.6	-94.4
sc	26	-10315.3	0.0	-0.6	-94.5

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{1,2} [kgm]	V _{red} [kg]	V _{red} V _{ed} normata [kg]	V _d / V _e
4488 6180	16	3859.5	1.00	3859.5	-10226.5	16.1	62910.7	18719.9	41999.2 0.21

▲Setto : 6127 4638 4639 6180 / Sezione 51

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

Sezione	Comb.	N _{ed} [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	Sd/Sr
Base	1	-12736.5	0.0	-27.1	0.04
Sommità	1	-12719.4	0.0	-314.7	0.04

S.L.E.	Combinazione	N [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-8692.8	0.0	-17.8	-5.4
sc Med	26	-8692.8	0.0	-17.8	-5.3
st	24	-8692.8	0.0	-17.8	-78.0
sc	26	-8692.8	0.0	-17.8	-81.1

Sezione	Comb.	N _{ed} [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	Sd/Sr
Base	1	-17221.6	0.0	-19.6	0.05
Sommità	1	-16973.1	0.0	-192.9	0.05

S.L.E.	Combinazione	N [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-11762.2	0.0	-13.0	-7.3
sc Med	26	-11762.2	0.0	-13.0	-7.2
st	24	-11762.2	0.0	-13.0	-106.6
sc	26	-11762.2	0.0	-13.0	-108.8
Sommità					
sc Max	26	-11762.2	0.0	-13.0	-7.3
sc Med	26	-11762.2	0.0	-13.0	-7.2
st	24	-11762.2	0.0	-13.0	-106.6
sc	26	-11762.2	0.0	-13.0	-108.8

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{1,2} [kgm]	V _{red} [kg]	V _{red} V _{ed} normata [kg]	V _d / V _e
4040 4190	16	3745.5	1.00	3745.5	-11568.1	13.5	62910.7	18719.9	42786.2 0.20

▲Setto : 4189 4339 4340 4190 / Sezione 41

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

Sezione	Comb.	N _{ed} [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	Sd/Sr
Base	1	-16145.6	0.0	-14.2	0.05
Sommità	1	-15894.0	0.0	-207.9	0.05

S.L.E.	Combinazione	N [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-11040.6	0.0	-9.6	-6.8
sc Med	26	-11040.6	0.0	-9.6	-6.7
st	24	-11040.6	0.0	-9.6	-100.2
sc	26	-11040.6	0.0	-9.6	-101.9
Sommità					
sc Max	26	-11040.6	0.0	-9.6	-6.8
sc Med	26	-11040.6	0.0	-9.6	-6.7
st	24	-11040.6	0.0	-9.6	-100.2
sc	26	-11040.6	0.0	-9.6	-101.9

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{1,2} [kgm]	V _{red} [kg]	V _{red} V _{ed} normata [kg]	V _d / V _e
4189 4340	16	3511.9	1.00	3511.9	-10935.6	4.4	62910.7	18719.9	42408.0 0.19

▲Setto : 4339 4488 4489 4340 / Sezione 41

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

Sezione	Comb.	N _{ed} [kg]	M _{1,2} [kgm]	M _{1,3} [kgm]	Sd/Sr
Base	1	-15373.7	0.0	-3.1	0.05
Sommità	1	-15181.7	0.0	-334.8	0.05

▲ Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	V_{id} [kg]	N_{id} [kg]	M_{id} [kg]	V_{ad} [kg]	$V_{rel.combinato}$ [kg]	V_f/V_e		
4787	4938	13	-2215.3	1.00	-2215.3	-8802.3	-52.2	62910.7	18719.9	41195.9	0.12

▲Setto : 4937 5086 5087 4938 / Sezione 51

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

Sezione	Comb.	N_{ed} [kg]	M_{12} [kgm]	M_{13} [kgm]	Sd/Sr
Base	1	-110014	0,0	-28,3	0,03
Sommità	13	-81320	0,0	680,3	0,04

S.L.E.	Combinazione	N	M _z [kgm]	M ₁₁ [kgm]	σ [kg/cm ²]
Base					
sc Max	sc Max	26	-748659	0.0	-18.4
	sc Med	26	-748659	0.0	-4.6
	sc	26	-748659	0.0	-67.0
sc	sc	26	-748659	0.0	-18.4
	sc	26	-748659	0.0	-4.6
	sc	26	-748659	0.0	-67.0
Sommità					
sc Max	sc Max	26	-748659	0.0	-18.4
	sc Med	26	-748659	0.0	-4.6
	sc	26	-748659	0.0	-67.0
sc	sc	26	-748659	0.0	-18.4
	sc	26	-748659	0.0	-4.6
	sc	26	-748659	0.0	-67.0

▲ Verifiche a Taglio

Nodi		Comb.	V_d [kg]	α	V_{id} [kg]	N_{id} [kg]	M_{id}	$V_{e,el}$	V_{real}	$V_{id,comb}$	V_d/V_e
4937	5087	13	-2574.4	1.00	-2574.4	-8258.3	-54.9	62910.7	18719.9	40873.2	0.14

▲Setto : 5086 5236 5237 5087 / Sezione 51

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

Sezione	Comb.	N _{id} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-9434.3	0.0	-39.6	0.03
Somma	13	-8128.5	0.0	756.2	0.04

S.L.E.	Combinazione	N	M ₂ [kg]	M ₃ [kg]	σ [kg/cm ²]	
Base						
	sc Max	26	-64499	0,0	-25,1	-41
	sc Med	26	-64499	0,0	-25,1	-39
	sc	24	-64499	0,0	-25,1	-36,9
Sommità						
	sc Max	26	-64499	0,0	-25,1	-41
	sc Med	26	-64499	0,0	-25,1	-39
	sc	24	-64499	0,0	-25,1	-36,9
sc						
	sc	26	-64499	0,0	-25,1	-41,2

▲Verifiche a Taglio

[illegible]

Sommita				
sc Max	26	-86928	0.0	-178
sc Med	26	-86928	0.0	-178
st	24	-86928	0.0	-178
sd	26	-86928	0.0	-178

▲ Verifiche a Taglio

Nodi	Comb.	V_e [kg]	α	V_{ed} [kg]	N_{ed} [kg]	M_{ed} [kg]	V_{tot} [kg]	V_{tot} [kg]	$V_{ed,accretion}$ [kg]	V_e/V_k
6127 4639	16	3288.2	1.00	3288.2	-8333.4	13.1	62910.7	18719.9	40859.1	0.18

▲Setto : 4638 4787 4788 4639 / Sezione 51

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

Sezione	Comb.	$N_{Fe,d}$ [kg]	M_{12} [kgm]	M_{13} [kgm]	Sd/Sr
Base	1	-13024,0	0,0	-30,9	0,04
Sommità	1	-12823,4	0,0	-79,8	0,04

S.L.E.	Combinazione	N [kg]	M ₂₀ [kgm]	M ₁₀ [kgm]	σ [kg/cm ²]
Base					
	sc Max	26	-8841.9	0.0	-20.2
	sc Med	26	-8841.9	0.0	-20.2
	sc	26	-8841.9	0.0	-20.2
Sommità					
	sc Max	26	-8841.9	0.0	-20.2
	sc Med	26	-8841.9	0.0	-20.2
	sc	26	-8841.9	0.0	-20.2

▲ Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	V_{fd} [kg]	N_{fd}	M_{fd} [kg]	V_{fcd} [kg]	$V_{fd,corrimento}$ [kg]	V_d/V_g
4638.4788	16	2276,5	1,00	2276,5	-8.348,5	16,7	62910,7	1.8719,9	0,12

▲Setto : 4787 4937 4938 4788 / Sezione 51

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

Sezione	Comb.	N_{el} [kg]	$M_{1,2}$ [kgm]	$M_{1,3}$ [kgm]	Sd/Sr
Base	1	-12364.6	0.0	-27.5	0.04
Sommità	1	-12082.0	0.0	142.9	0.04

S.L.E.	Combinazione	N [kg]	M ₂₅ [kgm]	M ₁₀ [kgm]	σ [kg/cm ²]
Basse	sc Max	26	-8389,0	0,0	-18,0
	sc Med	26	-8389,0	0,0	-51,1
	sc	24	-8389,0	0,0	-75,2
	sc	26	-8389,0	0,0	-78,4
	Somma	26	-8389,0	0,0	-5,2
	sc Max	26	-8389,0	0,0	-18,0
Medie	sc Med	26	-8389,0	0,0	-51,1
	sc	24	-8389,0	0,0	-75,2
	sc	26	-8389,0	0,0	-78,4

[5086.5337] 13 | -2812.0 | 1.00 | -2812.0 | -8156.2 | -69.6 | 62910.7 | 18719.9 | 40832.8 | 0.15

▲Setto : 5236 5385 5386 5237 / Sezione 51

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

Sezione	Comb.	N _{ax} [kg]	M _{ax} [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	13	-9291.6	0.0	-63.0	0.03
Sommità	16	-798.7	0.0	-508.9	0.04

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-5410.5	0.0	-3.5	-3.3
sc Med	26	-5410.5	0.0	-3.5	-3.3
st	24	-5410.5	0.0	-3.5	-49.2
sc	26	-5410.5	0.0	-3.5	-49.8
Sommità					
sc Max	26	-5410.5	0.0	-3.5	-3.3
sc Med	26	-5410.5	0.0	-3.5	-3.3
st	24	-5410.5	0.0	-3.5	-49.2
sc	26	-5410.5	0.0	-3.5	-49.8

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ax} [kg]	N _{ax} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{axd} [kg]	V _{axd} [kg]	V _{axd} massimo [kg]	V _d [kg]
5236 5386	13	-2829.0	1.00	-2829.0	-9291.6	-63.0	62910.7	18719.9	41504.7	41504.7	0.15

▲Setto : 5385 5535 5536 5386 / Sezione 51

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

Sezione	Comb.	N _{ax} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	16	2374.8	0.0	99.5	0.08
Sommità	16	3369.1	0.0	-96.2	0.21

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-5021.0	0.0	36.9	-3.3
sc Med	26	-5021.0	0.0	36.9	-3.1
st	24	-5021.0	0.0	36.9	-42.8
sc	26	-5021.0	0.0	36.9	-49.1
Sommità					
sc Max	26	-5021.0	0.0	36.9	-3.3
sc Med	26	-5021.0	0.0	36.9	-3.1
st	24	-5021.0	0.0	36.9	-42.8
sc	26	-5021.0	0.0	36.9	-49.1

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ax} [kg]	N _{ax} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{axd} [kg]	V _{axd} [kg]	V _{axd} massimo [kg]	V _d [kg]
5385 5536	16	3511.4	1.00	3511.4	2374.8	99.5	62910.7	18719.9	11001.5	11001.5	0.32

▲Setto : 5535 6035 6036 5536 / Sezione 51

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

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ax} [kg]	N _{ax} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	V _{axd} [kg]	V _{axd} [kg]	V _{axd} massimo [kg]	V _d [kg]
5535 6036	16	5571.4	1.00	5571.4	7662.9	232.2	62910.7	18719.9	10541.3	10541.3	0.53

▲Setto : 85 481 482 86 / Sezione 11

▲Armature su ogni faccia: Verticali : ø 20 20' (cm), Orizzontali : ø 14 15' (cm)

Sezione	Comb.	N _{ax} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-29350.7	0.0	168.6	0.09
Sommità	1	-28727.0	0.0	-106.3	0.08

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-20068.4	0.0	114.6	-12.6
sc Med	26	-20068.4	0.0	114.6	-11.9
st	24	-20068.4	0.0	114.6	-169.5
sc	26	-20068.4	0.0	114.6	-187.0
Sommità					
sc Max	26	-20068.4	0.0	114.6	-12.6
sc Med	26	-20068.4	0.0	114.6	-11.9
st	24	-20068.4	0.0	114.6	-169.5
sc	26	-20068.4	0.0	114.6	-187.0

▲Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	V_{fd} [kg]	N_{fd} [kg]	M_{fd} [kg]	V_{fd} [kg]	$V_{fd,corrente}$ [kg]	V_f/V_r
85 482	17	-54829	1.00	-54829	-18827.4	182.0	62910.7	33973.1	0.0 0.16

▲Setto : 481 627 628 482 / Sezione 11

▲Armature su ogni faccia: Verticali : ø 20 20' (cm), Orizzontali : ø 14 15' (cm)

Sezione	Comb.	N _{ax} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-27799.0	0.0	152.6	0.08
Sommità	1	-27504.7	0.0	-469.9	0.09

		24	-18345.2	0.0	25.5	-161.0
		26	-18345.2	0.0	25.5	-164.9
Sommità						
sc	Max	26	-18345.2	0.0	25.5	-11.0
	Med	26	-18345.2	0.0	25.5	-10.9
st		24	-18345.2	0.0	25.5	-161.0
		26	-18345.2	0.0	25.5	-164.9

▲Verifiche a Taglio

Nodi	Comb.	V _x [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{red,accrescento} [kg]	V _x / V _e
772.919	16	6024.6	1.00	6024.6	-38140.8	30.1	62910.7	33973.1	84099.2
Sommità									0.18

▲Setto : 918 1063 1064 919 / Sezione 11

▲Armature su ogni faccia: Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M _{1,2} [kgm]	M _{1,3} [kgm]	Sd/Sr
Base	1	-28836.5	0.0	-5.6	0.08	
Sommità	1	-26660.4	0.0	-1601.0	0.10	

S.L.E.	Combinazione	N	M ₂ [kgm]	M ₁ [kgm]	σ [kg/cm ²]	
Base						
sc	Max	26	-18358.4	0.0	-3.5	-10.9
sc	Med	26	-18358.4	0.0	-3.5	-10.9
	st	24	-18358.4	0.0	-3.5	-162.8
sc		26	-18358.4	0.0	-3.5	-163.4
Sommità						
sc	Max	26	-18358.4	0.0	-3.5	-10.9
sc	Med	26	-18358.4	0.0	-3.5	-10.9
	st	24	-18358.4	0.0	-3.5	-162.8
sc		26	-18358.4	0.0	-3.5	-163.4

▲Verifiche a Taglio

Nodi	Comb.	V _x [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{red,accrescento} [kg]	V _x / V _e
918.1064	16	6598.1	1.00	6598.1	-18108.2	-29.7	62910.7	33973.1	84090.7
Sommità									0.19

▲Setto : 1063 1209 1210 1064 / Sezione 11

▲Armature su ogni faccia: Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M _{1,2} [kgm]	M _{1,3} [kgm]	Sd/Sr
Base	1	-28855.5	0.0	-26.9	0.08	
Sommità	1	-26705.1	0.0	-1736.2	0.11	

S.L.E.		Combinazione		[kg]	[kgm]	[kgm]	[kg/cm ²]
Base							
sc	Max	26		-18401.4	0.0	-17.8	-11.0
sc	Med	26		-18401.4	0.0	-17.8	-10.9
	st		24	-18401.4	0.0	-17.8	-162.1
sc		26		-18401.4	0.0	-17.8	-164.8
Sommità							
sc	Max	26		-18401.4	0.0	-17.8	-11.0
sc	Med	26		-18401.4	0.0	-17.8	-10.9
	st		24	-18401.4	0.0	-17.8	-162.1

S.L.E.	Combinazione	N	M ₂ [kg]	M ₃ [kg]	σ [kg/cm ²]
Base	sc Max	26	-18967.0	0.0	103.6
		26	-18967.0	0.0	103.6
		24	-18967.0	0.0	103.6
		26	-18967.0	0.0	103.6
	sc Med	26	-18967.0	0.0	103.6
		26	-18967.0	0.0	103.6
		24	-18967.0	0.0	103.6
		26	-18967.0	0.0	103.6
	st	26	-18967.0	0.0	103.6
		26	-18967.0	0.0	103.6
Sommità	sc Max	26	-18967.0	0.0	103.6
		26	-18967.0	0.0	103.6
	sc Med	26	-18967.0	0.0	103.6
		26	-18967.0	0.0	103.6

▲Verifiche a Taglio

Nodi	Comb.	V _x [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{red,accrescento} [kg]	V _x / V _e
481.628	12	5030.0	1.00	5030.0	-20046.6	39.8	62910.7	33973.1	85228.1
Sommità									0.15

▲Setto : 627 772 773 628 / Sezione 11

▲Armature su ogni faccia: Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M _{1,2} [kgm]	M _{1,3} [kgm]	Sd/Sr
Base	1	-27175.4	0.0	89.5	0.08	
Sommità	1	-26870.5	0.0	-918.5	0.09	

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]	
Base						
sc	Max	26	-18533.5	0.0	60.7	-11.4
sc	Med	26	-18533.5	0.0	60.7	-11.0
st		24	-18533.5	0.0	60.7	-160.0
sc		26	-18533.5	0.0	60.7	-169.3
Sommità						
sc	Max	26	-18533.5	0.0	60.7	-11.4
sc	Med	26	-18533.5	0.0	60.7	-11.0
st		24	-18533.5	0.0	60.7	-160.0
sc		26	-18533.5	0.0	60.7	-169.3

▲Verifiche a Taglio

Nodi	Comb.	V _x [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	V _{red,accrescento} [kg]	V _x / V _e
627.773	12	5448.1	1.00	5448.1	-19394.2	24.0	62910.7	33973.1	84814.2
Sommità									0.16

▲Setto : 772 918 919 773 / Sezione 11

▲Armature su ogni faccia: Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M _{1,2} [kgm]	M _{1,3} [kgm]	Sd/Sr
Base	1	-26869.2	0.0	37.4	0.08	
Sommità	1	-26674.6	0.0	-1343.4	0.10	

S.L.E.	Combinazione	[kg]	[kgm]	[kgm]	[kg/cm ²]
Base					
sc Max	26	-18345.2	0.0	25.5	-11.0
sc Med	26	-18345.2	0.0	25.5	-10.9

	V _e [kg]	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]
1354 6339	16	7870.8	1.00	7870.8	-18144.9	-67.4	62910.7
							33973.1
							84126.2
							0.23

▲Setto : 6436 1499 1501 6339 / Sezione 21

▲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]	M ₁₃ [kgm]	Sd/Sr
Base	1	-25651.5	0.0	-32.1	0.08	
Sommità	1	-25593.9	0.0	-988.3	0.09	

S.L.E.	Combinazione	N [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base						
sc Max	26	-17598.3	0.0	-21.7	-10.9	
sc Med	26	-17598.3	0.0	-21.7	-10.7	
st	24	-17598.3	0.0	-21.7	-159.2	
sc	26	-17598.3	0.0	-21.7	-163.0	
Sommità						
sc Max	26	-17598.3	0.0	-21.7	-10.9	
sc Med	26	-17598.3	0.0	-21.7	-10.7	
st	24	-17598.3	0.0	-21.7	-159.2	
sc	26	-17598.3	0.0	-21.7	-163.0	

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]
6436 1501	16	7067.6	1.00	7067.6	-17134.8	-55.6	62910.7	18719.9	46200.2	0.38

▲Setto : 1499 1649 1650 1501 / Sezione 21

▲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]	M ₁₃ [kgm]	Sd/Sr
Base	1	-26424.3	0.0	-28.3	0.08	
Sommità	1	-26303.2	0.0	-997.1	0.10	

S.L.E.	Combinazione	N [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base						
sc Max	26	-18084.5	0.0	-19.2	-11.2	
sc Med	26	-18084.5	0.0	-19.2	-11.0	
st	24	-18084.5	0.0	-19.2	-163.9	
sc	26	-18084.5	0.0	-19.2	-167.2	
Sommità						
sc Max	26	-18084.5	0.0	-19.2	-11.2	
sc Med	26	-18084.5	0.0	-19.2	-11.0	
st	24	-18084.5	0.0	-19.2	-163.9	
sc	26	-18084.5	0.0	-19.2	-167.2	

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]
1499 1650	16	7468.8	1.00	7468.8	-17747.4	-48.9	62910.7	18719.9	46558.2	0.40

▲Setto : 1649 1798 1799 1650 / Sezione 21

sc	26	-18401.4	0.0	-17.8	-164.8
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▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]
1063 1210	16	7082.4	1.00	7082.4	-17983.4	-59.4	62910.7	33973.1	84017.9	0.21

▲Setto : 1209 1354 1355 1210 / Sezione 11

▲Armature su ogni faccia: Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-26994.1	0.0	-32.1	0.08	
Sommità	1	-26860.6	0.0	-1785.4	0.11	

S.L.E.	Combinazione	N [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base						
sc Max	26	-18502.2	0.0	-21.4	-11.1	
sc Med	26	-18502.2	0.0	-21.4	-11.0	
st	24	-18502.2	0.0	-21.4	-162.7	
sc	26	-18502.2	0.0	-21.4	-166.0	
Sommità						
sc Max	26	-18502.2	0.0	-21.4	-11.1	
sc Med	26	-18502.2	0.0	-21.4	-11.0	
st	24	-18502.2	0.0	-21.4	-162.7	
sc	26	-18502.2	0.0	-21.4	-166.0	

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]	V _{ed} [kg]
1209 1355	16	7527.7	1.00	7527.7	-17960.5	-71.2	62910.7	33973.1	84021.0	0.22

▲Setto : 1354 6436 6339 1355 / Sezione 11

▲Armature su ogni faccia: Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-27305.6	0.0	-29.9	0.08	
Sommità	1	-27198.3	0.0	-1832.4	0.11	

S.L.E.	Combinazione	N [kg]	M _{ed} [kgm]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base						
sc Max	26	-18686.3	0.0	-19.9	-11.2	
sc Med	26	-18686.3	0.0	-19.9	-11.1	
st	24	-18686.3	0.0	-19.9	-164.5	
sc	26	-18686.3	0.0	-19.9	-167.5	
Sommità						
sc Max	26	-18686.3	0.0	-19.9	-11.2	
sc Med	26	-18686.3	0.0	-19.9	-11.1	
st	24	-18686.3	0.0	-19.9	-164.5	
sc	26	-18686.3	0.0	-19.9	-167.5	

▲Verifiche a Taglio

Nodi Comb. α

Sommità	16	-17553.5	0.0	-1982.3	0.09
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S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-18145.7	0.0	-15.2	-11.2
sc Med	26	-18145.7	0.0	-15.2	-11.1
st	24	-18145.7	0.0	-15.2	-164.8
sc	26	-18145.7	0.0	-15.2	-167.4
Sommità					
sc Max	26	-18145.7	0.0	-15.2	-11.2
sc Med	26	-18145.7	0.0	-15.2	-11.1
st	24	-18145.7	0.0	-15.2	-164.8
sc	26	-18145.7	0.0	-15.2	-167.4

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	M ₁₂ [kgm]	V _{red} [kg]	M ₁₃ [kgm]	V _{red} [kg]	V _{accorciamento} V _r
1948 2098	16	8140.7	1.00	8140.7	17524.7	-55.9	62910.7	18719.9	46434.5	0.43		

▲Setto : 2097 2247 2248 2098 / 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	-26013.3	0.0	-22.1	0.08
Sommità	1	-25812.2	0.0	-845.4	0.09

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-17862.2	0.0	-14.7	-11.0
sc Med	26	-17862.2	0.0	-14.7	-10.9
st	24	-17862.2	0.0	-14.7	-162.3
sc	26	-17862.2	0.0	-14.7	-164.8
Sommità					
sc Max	26	-17862.2	0.0	-14.7	-11.0
sc Med	26	-17862.2	0.0	-14.7	-10.9
st	24	-17862.2	0.0	-14.7	-162.3
sc	26	-17862.2	0.0	-14.7	-164.8

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	M ₁₂ [kgm]	V _{red} [kg]	M ₁₃ [kgm]	V _{red} [kg]	V _{accorciamento} V _r
2097 2248	16	7717.3	1.00	7717.3	17138.2	-59.6	62910.7	18719.9	46207.9	0.41		

▲Setto : 2247 2396 2397 2248 / 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	-25690.5	0.0	-16.8	0.08
Sommità	1	-25509.6	0.0	-803.1	0.09

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					

▲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	-26798.9	0.0	-24.1	0.08
Sommità	1	-26652.0	0.0	-986.3	0.10

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-18333.1	0.0	-16.4	-11.3
sc Med	26	-18333.1	0.0	-16.4	-11.2
st	24	-18333.1	0.0	-16.4	-166.4
sc	26	-18333.1	0.0	-16.4	-169.2
Sommità					
sc Max	26	-18333.1	0.0	-16.4	-11.3
sc Med	26	-18333.1	0.0	-16.4	-11.2
st	24	-18333.1	0.0	-16.4	-166.4
sc	26	-18333.1	0.0	-16.4	-169.2

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	M ₁₂ [kgm]	V _{red} [kg]	M ₁₃ [kgm]	V _{red} [kg]	V _{accorciamento} V _r
1649 1799	16	7959.3	1.00	7959.3	17994.3	-46.6	62910.7	18719.9	46703.0	0.43		

▲Setto : 1798 1948 1949 1799 / 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	-26786.3	0.0	-23.6	0.08
Sommità	16	-17774.8	0.0	-2012.5	0.10

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-18342.6	0.0	-15.9	-11.3
sc Med	26	-18342.6	0.0	-15.9	-11.2
st	24	-18342.6	0.0	-15.9	-166.5
sc	26	-18342.6	0.0	-15.9	-169.3
Sommità					
sc Max	26	-18342.6	0.0	-15.9	-11.3
sc Med	26	-18342.6	0.0	-15.9	-11.2
st	24	-18342.6	0.0	-15.9	-166.5
sc	26	-18342.6	0.0	-15.9	-169.3

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	M ₁₂ [kgm]	V _{red} [kg]	M ₁₃ [kgm]	V _{red} [kg]	V _{accorciamento} V _r
1798 1949	16	8237.0	1.00	8237.0	17927.6	-50.4	62910.7	18719.9	46683.5	0.44		

▲Setto : 1948 2097 2098 1949 / 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	-26456.3	0.0	-22.8	0.08

sc Med	26	-16156.5	0.0	-7.6	-9.9
st	24	-16156.5	0.0	-7.6	-147.2
sc	26	-16156.5	0.0	-7.6	-148.6

▲Verifiche a Taglio

Nodi	Comb.	V _{ed} [kg]	α	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{red} [kg]	V _{red} [kg]	V _{red} [kg]	V _{red} [kg]
6536 2547	16	5413.8	1.00	5413.8	15792.1	10.2	62910.7	18719.9	45330.2	0.29

▲Setto : 2546 2695 2696 2547 / 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	-24076.7	0.0	-8.1	0.07
Sommità	1	-23906.5	0.0	-676.1	0.08

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-16467.2	0.0	-5.9	-10.1
sc Med	26	-16467.2	0.0	-5.9	-10.0
st	24	-16467.2	0.0	-5.9	-150.2
sc	26	-16467.2	0.0	-5.9	-151.3
Sommità					
sc Max	26	-16467.2	0.0	-5.9	-10.1
sc Med	26	-16467.2	0.0	-5.9	-10.0
st	24	-16467.2	0.0	-5.9	-150.2
sc	26	-16467.2	0.0	-5.9	-151.3

Nodi	Comb.	V _{ed} [kg]	α	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{red} [kg]	V _{red} [kg]	V _{red} [kg]	V _{red} [kg]
2546 2696	16	5733.9	1.00	5733.9	16220.6	11.9	62910.7	18719.9	45589.6	0.31

▲Verifiche a Taglio

▲Setto : 2695 2845 2846 2696 / 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	-24032.6	0.0	-6.1	0.07
Sommità	1	-23828.1	0.0	-680.2	0.08

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-16423.2	0.0	-4.6	-10.1
sc Med	26	-16423.2	0.0	-4.6	-10.0
st	24	-16423.2	0.0	-4.6	-150.0
sc	26	-16423.2	0.0	-4.6	-150.7
Sommità					
sc Max	26	-16423.2	0.0	-4.6	-10.1
sc Med	26	-16423.2	0.0	-4.6	-10.0
st	24	-16423.2	0.0	-4.6	-150.0
sc	26	-16423.2	0.0	-4.6	-150.7

sc Max	26	-17633.6	0.0	-11.2	-10.8
sc Med	26	-17633.6	0.0	-11.2	-10.8
st	24	-17633.6	0.0	-11.2	-160.5
sc	26	-17633.6	0.0	-11.2	-162.4
Sommità					
sc Max	26	-17633.6	0.0	-11.2	-10.8
sc Med	26	-17633.6	0.0	-11.2	-10.8
st	24	-17633.6	0.0	-11.2	-160.5
sc	26	-17633.6	0.0	-11.2	-162.4

▲Verifiche a Taglio

Nodi	Comb.	V _{ed} [kg]	α	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{red} [kg]	V _{red} [kg]	V _{red} [kg]	V _{red} [kg]
2247 2397	16	7204.3	1.00	7204.3	146918.3	154.2	62910.7	18719.9	46068.2	0.38

▲Setto : 2396 6536 6329 2397 / 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	-25654.3	0.0	-12.1	0.08
Sommità	1	-25495.9	0.0	-796.2	0.09

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-17564.5	0.0	-8.0	-10.8
sc Med	26	-17564.5	0.0	-8.0	-10.7
st	24	-17564.5	0.0	-8.0	-160.1
sc	26	-17564.5	0.0	-8.0	-161.5
Sommità					
sc Max	26	-17564.5	0.0	-8.0	-10.8
sc Med	26	-17564.5	0.0	-8.0	-10.7
st	24	-17564.5	0.0	-8.0	-160.1
sc	26	-17564.5	0.0	-8.0	-161.5

Nodi	Comb.	V _{ed} [kg]	α	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{red} [kg]	V _{red} [kg]	V _{red} [kg]	V _{red} [kg]
2396 6329	16	6920.3	1.00	6920.3	16986.6	41.3	62910.7	18719.9	46890.3	0.37

▲Verifiche a Taglio

▲Setto : 6536 2546 2547 6329 / 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	-23550.4	0.0	-10.8	0.07
Sommità	1	-23451.7	0.0	-660.1	0.08

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-16156.5	0.0	-7.6	-9.9
sc Med	26	-16156.5	0.0	-7.6	-9.9
st	24	-16156.5	0.0	-7.6	-147.2
sc	26	-16156.5	0.0	-7.6	-148.6
Sommità					
sc Max	26	-16156.5	0.0	-7.6	-9.9

▲Setto : 3144 3293 3294 3145 / Sezione 31

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

▲Setto : 2845 2994 2995 2846 / Sezione 31

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

▲Verifiche a Taglio

▲Setto : 2994 3144 3145 2995 / Sezione 31

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

▲Verifiche a Taglio

▲Verifiche a Taglio

▲Setto : 3293 3443 3444 3294 / Sezione 31

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

▲Verifiche a Taglio

▲Setto : 3443 6336 6239 3444 / Sezione 31

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

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₃ [kgm]	V _{ed,intermedio} [kg]	V _e [kg]
2695 2846	16	6166,8	1,00	6166,8	-16942,2	12,6	62910,7	18719,9	46023,7	0,33

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-23483,3	0,0	-9,2	0,07
Sommità	16	-16375,7	0,0	-1591,7	0,08

S.L.E.	Combinazione	N [kg]	M _{ed} [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-16064,5	0,0	-6,5	-9,9
sc Med	26	-16064,5	0,0	-6,5	-9,8
st	24	-16064,5	0,0	-6,5	-146,5
sc	26	-16064,5	0,0	-6,5	-147,6
Sommità					
sc Max	26	-16064,5	0,0	-6,5	-9,9
sc Med	26	-16064,5	0,0	-6,5	-9,8
st	24	-16064,5	0,0	-6,5	-146,5
sc	26	-16064,5	0,0	-6,5	-147,6

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kgm]	V _{red} [kg]	M ₁₃ [kgm]	V _{ed,intermedio} [kg]	V _e [kg]
2845 2995	16	6409,9	1,00	6409,9	-16558,2	9,0	62910,7	18719,9	45788,1	0,34

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-22612,2	0,0	-11,9	0,07
Sommità	16	-15747,8	0,0	-1550,0	0,08

S.L.E.	Combinazione	N [kg]	M _{ed} [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-15490,5	0,0	-8,1	-9,5
sc Med	26	-15490,5	0,0	-8,1	-9,5
st	24	-15490,5	0,0	-8,1	-141,1
sc	26	-15490,5	0,0	-8,1	-142,5
Sommità					
sc Max	26	-15490,5	0,0	-8,1	-9,5
sc Med	26	-15490,5	0,0	-8,1	-9,5
st	24	-15490,5	0,0	-8,1	-141,1
sc	26	-15490,5	0,0	-8,1	-142,5

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	M ₁₃ [kg]	V _{ed,intermedio} [kg]	V _e [kg]
2994 3145	16	6277,2	1,00	6277,2	-15938,0	8,6	62910,7	18719,9	45415,3	0,34

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base		26	-13069.2	0.0	-2.4
sc Max		26	-13069.2	0.0	-2.4
sc Med		24	-13069.2	0.0	-2.4
st		26	-13069.2	0.0	-2.4
sc		26	-13069.2	0.0	-2.4
Sommità		26	-13069.2	0.0	-2.4
sc Max		26	-13069.2	0.0	-2.4
sc Med		26	-13069.2	0.0	-2.4
st		24	-13069.2	0.0	-2.4
sc		26	-13069.2	0.0	-2.4

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{1ed} [kgm]	V _{red} [kg]	V _{ed+recesso} [kg]	V _e [kg]
3592 3743	16	3825.0	1.00	3825.0	-13896.8	24.0	62910.7	18719.9	44212.5

▲Verifiche a Taglio

▲Setto : 3742 3891 3892 3743 / 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	-18914.1	0.0	-2.7	0.06
Sommità	1	-18679.2	0.0	-48.2	0.06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base		26	-12882.6	0.0	-2.2
sc Max		26	-12882.6	0.0	-2.2
sc Med		24	-12882.6	0.0	-2.2
st		26	-12882.6	0.0	-2.2
sc		26	-12882.6	0.0	-2.2
Sommità		26	-12882.6	0.0	-2.2
sc Max		26	-12882.6	0.0	-2.2
sc Med		26	-12882.6	0.0	-2.2
st		24	-12882.6	0.0	-2.2
sc		26	-12882.6	0.0	-2.2

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{1ed} [kgm]	V _{red} [kg]	V _{ed+recesso} [kg]	V _e [kg]
3742 3892	16	4173.8	1.00	4173.8	-13724.3	23.6	62910.7	18719.9	44108.4

▲Setto : 3891 4041 4042 3892 / 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	-18071.9	0.0	-8.8	0.05
Sommità	1	-17788.5	0.0	-450.2	0.06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base		26	-12320.1	0.0	-6.1
sc Max		26	-12320.1	0.0	-6.1
sc Med		26	-12320.1	0.0	-6.1
st		24	-12320.1	0.0	-6.1
sc		26	-12320.1	0.0	-6.1

Sezione	Comb.	N _{ed} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-21037.2	0.0	-7.2	0.06
Sommità	1	-20870.4	0.0	-482.3	0.07

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base		26	-14373.1	0.0	-4.8
sc Max		26	-14373.1	0.0	-4.8
sc Med		24	-14373.1	0.0	-4.8
st		26	-14373.1	0.0	-4.8
sc		26	-14373.1	0.0	-4.8
Sommità		26	-14373.1	0.0	-4.8
sc Max		26	-14373.1	0.0	-4.8
sc Med		26	-14373.1	0.0	-4.8
st		24	-14373.1	0.0	-4.8
sc		26	-14373.1	0.0	-4.8

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{1ed} [kgm]	V _{red} [kg]	V _{ed+recesso} [kg]	V _e [kg]
3443 6239	16	4838.0	1.00	4838.0	-14894.7	8.8	62910.7	18719.9	44789.7

▲Verifiche a Taglio

▲Setto : 6336 3592 3593 6239 / 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	-18714.0	0.0	-4.8	0.06
Sommità	1	-18601.1	0.0	-429.2	0.06

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base		26	-12811.2	0.0	-3.5
sc Max		26	-12811.2	0.0	-3.5
sc Med		26	-12811.2	0.0	-3.5
st		24	-12811.2	0.0	-3.5
sc		26	-12811.2	0.0	-3.5
Sommità		26	-12811.2	0.0	-3.5
sc Max		26	-12811.2	0.0	-3.5
sc Med		26	-12811.2	0.0	-3.5
st		24	-12811.2	0.0	-3.5
sc		26	-12811.2	0.0	-3.5

▲Verifiche a Taglio

Nodi	Comb.	V _e [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{1ed} [kgm]	V _{red} [kg]	V _{ed+recesso} [kg]	V _e [kg]
6336 3593	16	3622.1	1.00	3612.1	-13502.8	16.4	62910.7	18719.9	43965.3

▲Setto : 3592 3742 3743 3593 / 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	-19165.4	0.0	-3.1	0.06
Sommità	1	-18875.1	0.0	-445.9	0.06

▲Verifiche a Taglio

[illegible]

▲Setto : 4340 4489 4490 4341 / Sezione 41

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

Sezione	Comb.	N_{fd} [kg]	M_{12} [kgm]	M_{13} [kgm]	Sd/Sr
Base	1	-15071.7	0.0	-17.8	0.05
Sommità	1	-14867.6	0.0	-340.0	0.05

S.L.E.	Combinazione	N	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					
	sc Max	26	-103013	0,0	-11,8
	sc Med	26	-103013	0,0	-11,8
	sc	26	-103013	0,0	-11,8
Sommità					
	sc Max	26	-103013	0,0	-11,8
	sc Med	26	-103013	0,0	-11,8
	sc	26	-103013	0,0	-11,8

▲Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	V_{fd} [kg]	N_{fd} [kg]	M_{fd} [kg]	V_{red} [kg]	$V_{red,comento}$ [kg]	V_d/V_r
4340	4490	16	3497,2	1,00	3497,2	-10810	5	45	62910,7
									187719,9
									42333,0
									0,19

▲Setto : 4489 6180 6129 4490 / Sezione 41

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

Sezione	Comb.	N_{40} [kg]	M_{12} [kgm]	M_{13} [kgm]	Sd/Sr
Base	1	-15044.7	0.0	-15.4	0.05
Sommità	1	-14881.0	0.0	-37.5	0.05

S.L.E.	Combinazione	N	M ₂ [kg]	M ₁ [kg]	σ [kg/cm ²]
Base	sc Max	26	-102.354	0.0	-10.3
		26	-102.354	0.0	-10.3
		26	-102.354	0.0	-10.3
	sc	26	-102.354	0.0	-10.3
		26	-102.354	0.0	-10.3
		26	-102.354	0.0	-10.3
Sornmita	sc Max	26	-102.354	0.0	-10.3
		26	-102.354	0.0	-10.3
		26	-102.354	0.0	-10.3
	sc	26	-102.354	0.0	-10.3
		26	-102.354	0.0	-10.3
		26	-102.354	0.0	-10.3

▲ Verifiche a Taglio

[illegible]

Sonmitra					
sc	Max	26	-12320.1	0.0	-6.1
sc	Med	26	-12320.1	0.0	-7.5
st		24	-12320.1	0.0	-6.1
st		26	-12320.1	0.0	-112.3
		26	-12320.1	0.0	-113.3

▲ Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{id} [kg]	N _{id} [kg]	M _{id} [kg]	V _{red} [kg]	V _{red,spesimento} [kg]	V _f V _R	
3891-4042	16	4401.0	1.00	4401.0	-13090.2	14.4	62910.7	18719.9	43715.0	0.24

▲Setto : 4041 4190 4191 4042 / 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	-16886,5	0,0	-14,1	0,05
Sommità	1	-16597,9	0,0	-420,3	0,06

S.L.E.	Combinazione	N	M ₂ [kgm]	M ₁ [kgm]	σ [kg/cm ²]
Base	sc	26	-1.1535.3	0.0	-9.5
	sc Max	26	-1.1535.3	0.0	-7.0
	sc Med	26	-1.1535.3	0.0	-9.5
	sc	24	-1.1535.3	0.0	-9.5
Sommità	sc	26	-1.1535.3	0.0	-9.5
	sc Max	26	-1.1535.3	0.0	-9.5
	sc Med	26	-1.1535.3	0.0	-7.0
	sc	24	-1.1535.3	0.0	-9.5

▲ Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	V_{fd} [kg]	N_{fd}	M_{fd} [kg]	V_{fcd} [kg]	V_{fcd} [kg]	$V_{d,corrente}$	V_d/V_c	
4041	4191	16	4313,8	1,00	4313,8	-12188,5	6,1	62910,7	18719,9	43162,2	0,23

▲Setto : 4190 4340 4341 4191 / Sezione 41

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

Sezione	Comb.	N _{tot} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-15758,2	0,0	-19,5	0,05
Sommità	1	-15502,4	0,0	-376,2	0,05

S.I.E.	Combinazione	N	M ₂ [μg]	M ₃ [μg]	σ [μg/cm ²]	
Base						
	sc	26	-1.0781.1	0.0	-12.9	-6.7
	sc Max	26	-1.0781.1	0.0	-12.9	-6.6
	sc Med	24	-1.0781.1	0.0	-12.9	-97.6
Sommità						
	sc	26	-1.0781.1	0.0	-12.9	-99.8
	sc Max	26	-1.0781.1	0.0	-12.9	-6.7
	sc Med	26	-1.0781.1	0.0	-12.9	-6.6
St						
	sc	26	-1.0781.1	0.0	-12.9	-97.6
	sc Max	26	-1.0781.1	0.0	-12.9	-99.8
	sc Med	24	-1.0781.1	0.0	-12.9	-97.6

Sezione	Comb.	M_{el} [kg]	$M_{1,2}$ [kgm]	M_{13} [kgm]	Sd/Sr
Base	1	-11920.0	0.0	-13.4	0.04
Sommità	1	-11632.1	0.0	-104.9	0.04

S.L.E.	Combinazione	N	M ₂ [kgm]	M ₁ [kgm]	σ [kg/cm ²]
	Base				
	sc Max	26	-80925	0,0	-90
	sc Med	26	-80925	0,0	-90
	st	24	-80925	0,0	-73,3
	sc	26	-80925	0,0	-90
	Sommila				
	sc Max	26	-80925	0,0	-90
	sc Med	26	-80925	0,0	-90
	st	24	-80925	0,0	-73,3
	sc	26	-80925	0,0	-90

[illegible]

▲ Verifiche a Taglio

▲Setto : 4938 5087 5088 4939 / Sezione 51

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

Sezione	Comb.	N_{fd} [kg]	M_{12} [kgm]	M_{13} [kgm]	Sd/Sr
Base	1	-10441.7	0.0	-23.6	0.03
Sommità	16	-7332.7	0.0	-639.9	0.03

S.L.E.	Combinazione	N	M ₂ [g]	M ₁₀ [g]	σ [kg/cm ²]
Base	sc Max	26	-71205	0.0	-15.3
	sc Med	26	-71205	0.0	-4.3
	sc Min	26	-71205	0.0	-15.3
	st	24	-71205	0.0	-63.9
	sc	26	-71205	0.0	-66.5
Sommità	sc Max	26	-71205	0.0	-15.3
	sc Med	26	-71205	0.0	-4.3
	sc Min	26	-71205	0.0	-15.3
	st	24	-71205	0.0	-63.9
	sc	26	-71205	0.0	-66.5

Nodi	Comb.	V _d	α	V _{fd}	N _{fd}	M _{t,d}	V _{fcd}	V _{red}	V _{s/V_{red}}	V _{s/V_{red}}
		[kg]		[kg]	[kg]	[kg]	[kg]	[kg]		%
4938-5088	16	2457.6	1.00	2457.6	-75.890.5	42.0	62910.7	18719.9	404.53	0.13

▲ Verifiche a Taglio

▲Setto : 5087 5237 5238 5088 / 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	-86121	0,0	-33,2	0,03
Sommità	16	-62892	0,0	-7972	0,04

4489 6129	16	3271.1	1.00	3271.1	-10810.1	7.2	62910.7	18719.9	423366	0.17
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▲Setto : 6180 4639 4640 6129 / Sezione 51

▲Arnature 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	-124760	0.0	-10.1	0.04
Sommità	1	-12330.5	0.0	-102.3	0.04

S.L.E.	Combinazione	N [kg]	M ₂₅ [kg/m]	M ₁₀ [kg/m]	σ [kg/cm ²]
Base	sc Max	26	-85100	0,0	-5,2
	sc Med	26	-85100	0,0	-5,2
	sc	24	-85100	0,0	-7,3
	sc	26	-85100	0,0	-7,3
Sommità	sc Max	26	-85100	0,0	-5,2
	sc Med	26	-85100	0,0	-5,2
	sc	24	-85100	0,0	-7,3
	sc	26	-85100	0,0	-7,3

Nodi	Comb.	V_e [kg]	α	V_{ed} [kg]	N_{ed} [kg]	M_{ed} [kg]	V_{tot} [kg]	V_{tot} [kg]	$V_{ed, \text{arrivato}}$ [kg]	V_e/V_r
6180	4640	16	2494.8	1.00	2494.8	-9.243.3	22.9	62910.7	18719.9	0.13

▲ Verifiche a Taglio

▲Setto : 4639 4788 4789 4640 / Sezione 51

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

Sezione	Comb.	N _{tot} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-12641.7	0.0	-10.6	0.04
Somma	1	-12418.8	0.0	-109.7	0.04

S.L.E.	Combinazione	N	M ₂₀ [kgm]	M ₁₀ [kgm]	σ [kg/cm ²]
Base					
	sc Max	26	-8583.4	0.0	-7.3
	sc Med	26	-8583.4	0.0	-5.2
	sc	26	-8583.4	0.0	-7.3
Sommità					
	sc Max	26	-8583.4	0.0	-7.3
	sc Med	26	-8583.4	0.0	-5.2
	sc	26	-8583.4	0.0	-7.3

[illegible]

▲ Verifiche a Taglio

▲Setto : 4788 4938 4939 4789 / Sezione 51

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

st	24	-48240	00	-415	-406
sc	26	-48240	00	-415	-477
Sommita					
sc Max	26	-48240	00	-415	-32
sc Med	26	-48240	00	-415	-29
st	24	-48240	00	-415	-406
sc	26	-48240	00	-415	-477

▲ Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	V_{fd} [kg]	N_{fd} [kg]	M_{fd} [kg]	V_{fd} [kg]	V_{red} [kg]	$V_{red,corrente}$ [kg]	V_s/V_r	
5386	5337	16	-6594.3	1.00	-6594.3	-1719.1	-1935.7	62910.7	18719.1	17136.2	0.38

▲Setto : 5536 6036 6176 5537 / Sezione 51

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

Sezione	Comb.	N _{da} [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	16	-43.2	0.0	466.7	0.06
Sommità	16	-301.6	0.0	-2701.2	0.34

S.L.E.	Combinazione	N [kg]	M ₂ [kgm]	M ₁₁ [kgm]	σ [kg/cm ²]
Base	sc Max	26	-576,24	0,0	-7,30
	sc Med	26	-576,24	0,0	-3,5
	sc Min	26	-576,24	0,0	-7,30
	st	24	-576,24	0,0	-7,30
	sc	26	-576,24	0,0	-7,30
Sommità	sc Max	26	-576,24	0,0	-7,30
	sc Med	26	-576,24	0,0	-3,5
	sc Min	26	-576,24	0,0	-7,30
	st	24	-576,24	0,0	-7,30
	sc	26	-576,24	0,0	-7,30

▲Verifiche a Taglio

Nodi	Comb.	V _d [kg]	α	V _{ad} [kg]	N _{id} [kg]	M _{ie} [kg]	V _{e,d} [kg]	V _{tot} [kg]	V _{s,f} /V _e V _{Reconstrutto} /V _e
5536-6176	16	8988.7	100	8988.7	-43.2	466.7	62910.7	18719.9	144.14.2 [0.62]

▲Setto : 86 482 483 87 / Sezione 11

▲Armatore su ogni faccia: Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	M_{10} [kg]	M_{12} [kgm]	M_{13} [kgm]	Sd/Sr
Base	1	-32223.7	0.0	47.9	0.09
Sommità	1	-31470.7	0.0	-379.7	0.10

S.L.E.	Combinazione	N [kg]	M ₃₂ [kg/m]	M ₃₁ [kg/m]	σ [kg/cm ²]
Base	sc Max	26	-21990,8	0,0	30,4
	sc Med	26	-21990,8	0,0	30,4
	sc Min	26	-21990,8	0,0	-13,2
	st	24	-21990,8	0,0	30,4
Sommità	sc Max	26	-21990,8	0,0	30,4
	sc Med	26	-21990,8	0,0	30,4
	sc Min	26	-21990,8	0,0	-13,2
	st	24	-21990,8	0,0	30,4

S.I.E.	Combinazione	N	M ₂₅ [μg]	M ₃₀ [μg]	σ [μg/cm ²]
Base					
	sc Max	26	-59247	0.0	-211
	sc Med	26	-59247	0.0	-211
	sc	24	-59247	0.0	-211
Sommità					
	sc Max	26	-59247	0.0	-211
	sc Med	26	-59247	0.0	-211
	sc	26	-59247	0.0	-211

▲ Verifiche a Taglio

Nodi	Comb.	V_{α} [kg]	α	V_{α} [kg]	N_{α} [kg]	M_{α}	V_{α} [kg]	V_{α} [kg]	V_{α} [kg]	V_{α} [kg]
5087 5238	16	2946.1	1.00	2946.1	-6475.5	747	62910.7	18719.9	39831.7	0.16

▲Setto : 5237 5386 5387 5238 / 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	-7149.2	0.0	-46.7	0.02
Sommità	13	-3497.1	0.0	1303.2	0.08

S.L.E.	Combinazione	N [kg]	M ₀ [g/m]	M ₁ [g/m]	σ [kg cm ⁻¹]
Base	sc	26	-49640	0.0	-3.2
	sc Max	26	-49640	0.0	-290
	sc Med	26	-49640	0.0	-3.0
	st	24	-49640	0.0	-429
	sc	26	-49640	0.0	-479
Sommità	sc	26	-49640	0.0	-290
	sc Max	26	-49640	0.0	-3.2
	sc Med	26	-49640	0.0	-3.0
	st	24	-49640	0.0	-429
	sc	26	-49640	0.0	-479

▲ Verifiche a Taglio

[illegible]

▲Setto : 5386 5536 5537 5387 / Sezione 51

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

Sezione	Comb.	N ₁₀ [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	12	-7388,9	0,0	-396,6	0,03
Comunità	16	-1719,1	0,0	-193,7	0,20

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
	Base				
	sc Max	26	-48 240	0.0	-41.5
	sc Med	26	-48 240	0.0	-41.5
					-2.9

	V _i [kg]	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{red,corrente} [kg]	V _e [kg]
628 774	12	6084	1,00	6084	-19219,2	-20,8	62910,7
							33973,1
							84704,7
							0,18

▲Setto : 773 919 920 774 / Sezione 11

▲Armature su ogni faccia: Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-27110,1	0,0	-6,0	0,08
Sommità	1	-26880,1	0,0	-1390,8	0,10

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-18509,1	0,0	-4,3	-11,0
sc Med	26	-18509,1	0,0	-4,3	-11,0
st	24	-18509,1	0,0	-4,3	-164,1
sc	26	-18509,1	0,0	-4,3	-164,8
Sommità					
sc Max	26	-18509,1	0,0	-4,3	-11,0
sc Med	26	-18509,1	0,0	-4,3	-11,0
st	24	-18509,1	0,0	-4,3	-164,1
sc	26	-18509,1	0,0	-4,3	-164,8

▲Verifiche a Taglio

Nodi Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{red,corrente} [kg]	V _e [kg]
773 920	16	6371,6	1,00	6371,6	-18166,2	15,4	62910,7	33973,1
								84065,2
								0,19

▲Setto : 919 1064 1065 920 / Sezione 11

▲Armature su ogni faccia: Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-26403,3	0,0	-25,6	0,08
Sommità	1	-26218,2	0,0	-1600,2	0,10

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-18073,4	0,0	-16,9	-10,8
sc Med	26	-18073,4	0,0	-16,9	-10,7
st	24	-18073,4	0,0	-16,9	-159,3
sc	26	-18073,4	0,0	-16,9	-161,8
Sommità					
sc Max	26	-18073,4	0,0	-16,9	-10,8
sc Med	26	-18073,4	0,0	-16,9	-10,7
st	24	-18073,4	0,0	-16,9	-159,3
sc	26	-18073,4	0,0	-16,9	-161,8

▲Verifiche a Taglio

Nodi Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{red,corrente} [kg]	V _e [kg]
919 1065	16	6780,5	1,00	6780,5	-17224,0	-44,5	62910,7	33973,1
								83941,2
								0,20

▲Setto : 1064 1210 1211 1065 / Sezione 11

sc		26		-21990,8	0,0	30,4		-197,7
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▲Verifiche a Taglio

Nodi Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{red,corrente} [kg]	V _e [kg]
86 483	12	5776,7	1,00	5776,7	-21413,2	-38,5	62910,7	33973,1
								0,0
								0,17

▲Setto : 482 628 629 483 / Sezione 11

▲Armature su ogni faccia: Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-29943,4	0,0	42,4	0,09
Sommità	1	-29600,1	0,0	-672,9	0,10

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-20402,4	0,0	26,8	-12,3
sc Med	26	-20402,4	0,0	26,8	-12,1
st	24	-20402,4	0,0	26,8	-179,2
sc	26	-20402,4	0,0	26,8	-183,3
Sommità					
sc Max	26	-20402,4	0,0	26,8	-12,3
sc Med	26	-20402,4	0,0	26,8	-12,1
st	24	-20402,4	0,0	26,8	-179,2
sc	26	-20402,4	0,0	26,8	-183,3

▲Verifiche a Taglio

Nodi Comb.	V _i [kg]	α	V _{ed} [kg]	N _{ed} [kg]	M _{ed} [kg]	V _{red} [kg]	V _{red,corrente} [kg]	V _e [kg]
482 629	12	5793,5	1,00	5793,5	-20109,7	-29,9	62910,7	33973,1
								85251,9
								0,17

▲Setto : 628 773 774 629 / Sezione 11

▲Armature su ogni faccia: Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	N _{ed} [kg]	M _{ed} [kgm]	M ₁₃ [kgm]	Sd/Sr
Base	1	-28351,5	0,0	17,6	0,08
Sommità	1	-27994,3	0,0	-1050,5	0,10

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm²]
Base					
sc Max	26	-19321,6	0,0	11,0	-11,5
sc Med	26	-19321,6	0,0	11,0	-11,4
st	24	-19321,6	0,0	11,0	-170,8
sc	26	-19321,6	0,0	11,0	-172,5
Sommità					
sc Max	26	-19321,6	0,0	11,0	-11,5
sc Med	26	-19321,6	0,0	11,0	-11,4
st	24	-19321,6	0,0	11,0	-170,8
sc	26	-19321,6	0,0	11,0	-172,5

▲Verifiche a Taglio

Nodi Comb. α

▲Verifiche a Taglio

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

▲ Verifiche a Tadio

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

S.L.E.	Combinazione	N [kg]	M ₁₂ [kgm]	M ₁₃ [kgm]	σ [kg/cm ²]
Base					

▲Armatore su ogni faccia: Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

▲ Verifiche a Taglio

▲Armatore su ogni faccia: Verticali : ø 20 20' [cm], Orizzontali : ø 14 15' [cm]

Sezione	Comb.	$N_{e,d}$ [kg]	M_{12} [kgm]	M_{13} [kgm]	Sd/Sr
Base	1	-265573	0,0	-31,4	0,08

sc Med	26	-18044.8	0.0	-8.1	-11.0
st	24	-18044.8	0.0	-8.1	-164.5
sc	26	-18044.8	0.0	-8.1	-165.9

▲Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	N_{ed} [kg]	M_{ed} [kgm]	M_{i2} [kgm]	M_{i3} [kgm]	V_{ed} [kg]	V_{i2} [kg]	V_{i3} [kg]	$V_{i3corrente}$ [kg]	V_d [kg]
1799 1950	1G	8341.7	1.00	8341.7	-16773.6	-44.9	62910.7	18719.9	45968.2	0.45		

▲Setto : 1949 2098 2099 1950 / Sezione 21

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

Sezione	Comb.	N_{ed} [kg]	M_{i2} [kgm]	M_{i3} [kgm]	Sd/Sr
Base	1	-25989.6	0.0	-16.4	0.08
Sommità	16	-16387.3	0.0	-2039.6	0.09

S.L.E.	Combinazione	N [kg]	M_{i2} [kgm]	M_{i3} [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-17837.6	0.0	-10.6	-11.0
sc Med	26	-17837.6	0.0	-10.6	-10.9
st	24	-17837.6	0.0	-10.6	-162.4
sc	26	-17837.6	0.0	-10.6	-164.2
Sommità					
sc Max	26	-17837.6	0.0	-10.6	-11.0
sc Med	26	-17837.6	0.0	-10.6	-10.9
st	24	-17837.6	0.0	-10.6	-162.4
sc	26	-17837.6	0.0	-10.6	-164.2

▲Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	N_{ed} [kg]	M_{ed} [kgm]	M_{i2} [kgm]	M_{i3} [kgm]	V_{ed} [kg]	V_{i2} [kg]	V_{i3} [kg]	$V_{i3corrente}$ [kg]	V_d [kg]
1949 2099	16	6362.3	1.00	8362.3	-16316.8	-53.8	62910.7	18719.9	45786.8	0.45		

▲Setto : 2098 2248 2249 2099 / Sezione 21

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

Sezione	Comb.	N_{ed} [kg]	M_{i2} [kgm]	M_{i3} [kgm]	Sd/Sr
Base	1	-25517.8	0.0	-19.6	0.08
Sommità	1	-25344.6	0.0	-882.7	0.09

S.L.E.	Combinazione	N [kg]	M_{i2} [kgm]	M_{i3} [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-17538.0	0.0	-12.6	-10.8
sc Med	26	-17538.0	0.0	-12.6	-10.7
st	24	-17538.0	0.0	-12.6	-159.5
sc	26	-17538.0	0.0	-12.6	-161.6
Sommità					
sc Max	26	-17538.0	0.0	-12.6	-10.8
sc Med	26	-17538.0	0.0	-12.6	-10.7
st	24	-17538.0	0.0	-12.6	-159.5
sc	26	-17538.0	0.0	-12.6	-161.6

sc Max	26	-17730.9	0.0	-9.5	-10.9
sc Med	26	-17730.9	0.0	-9.5	-10.8
st	24	-17730.9	0.0	-9.5	-161.5
sc	26	-17730.9	0.0	-9.5	-163.1
Sommità					
sc Max	26	-17730.9	0.0	-9.5	-10.9
sc Med	26	-17730.9	0.0	-9.5	-10.8
st	24	-17730.9	0.0	-9.5	-161.5
sc	26	-17730.9	0.0	-9.5	-163.1

▲Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	N_{ed} [kg]	M_{ed} [kgm]	M_{i2} [kgm]	M_{i3} [kgm]	V_{ed} [kg]	V_{i2} [kg]	V_{i3} [kg]	$V_{i3corrente}$ [kg]	V_d [kg]
1501 1651	16	6858.3	1.00	6858.3	-16673.8	-41.0	62910.7	18719.9	45902.9	0.37		

▲Setto : 1650 1799 1801 1651 / Sezione 21

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

Sezione	Comb.	N_{ed} [kg]	M_{i2} [kgm]	M_{i3} [kgm]	Sd/Sr
Base	1	-26315.0	0.0	-11.4	0.08
Sommità	1	-26219.3	0.0	-897.9	0.09

S.L.E.	Combinazione	N [kg]	M_{i2} [kgm]	M_{i3} [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-18019.6	0.0	-7.8	-11.1
sc Med	26	-18019.6	0.0	-7.8	-11.0
st	24	-18019.6	0.0	-7.8	-164.3
sc	26	-18019.6	0.0	-7.8	-165.6
Sommità					
sc Max	26	-18019.6	0.0	-7.8	-11.1
sc Med	26	-18019.6	0.0	-7.8	-11.0
st	24	-18019.6	0.0	-7.8	-164.3
sc	26	-18019.6	0.0	-7.8	-165.6

▲Verifiche a Taglio

Nodi	Comb.	V_d [kg]	α	N_{ed} [kg]	M_{ed} [kgm]	M_{i2} [kgm]	M_{i3} [kgm]	V_{ed} [kg]	V_{i2} [kg]	V_{i3} [kg]	$V_{i3corrente}$ [kg]	V_d [kg]
1650 1801	16	7740.8	1.00	7740.8	-16898.1	-40.7	62910.7	18719.9	46037.0	0.41		

▲Setto : 1799 1949 1950 1801 / Sezione 21

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

Sezione	Comb.	N_{ed} [kg]	M_{i2} [kgm]	M_{i3} [kgm]	Sd/Sr
Base	1	-26340.6	0.0	-12.1	0.08
Sommità	16	-16656.3	0.0	-2043.7	0.09

S.L.E.	Combinazione	N [kg]	M_{i2} [kgm]	M_{i3} [kgm]	σ [kg/cm ²]
Base					
sc Max	26	-18044.8	0.0	-8.1	-11.1
sc Med	26	-18044.8	0.0	-8.1	-11.0
st	24	-18044.8	0.0	-8.1	-164.5
sc	26	-18044.8	0.0	-8.1	-165.9
Sommità					
sc Max	26	-18044.8	0.0	-8.1	-11.1