

VISTO: SI ATTESTA L'AVVENUTO DEPOSITO AI SENSI
DELL'ART. 4 DELLA LEGGE 05-11-1971 N° 1086 DEL
PROGETTO

N° 2159/08

26 MAG. 2008

I dati personali, contenenti dati e informazioni sono tutelati nei
modi previsti dalla L. 675/96 e successive modificazioni.

AZIENDA OSPEDALIERA UNIVERSITARIA DI FERRARA

COMPLETAMENTO DELLA NUOVA SEDE DELL'ARCISPEDALE
SANT'ANNA IN CONA (FE)
TRAMITE CONCESSIONE DI PROGETTAZIONE DEFINITIVA ED
ESECUTIVA, COSTRUZIONE E GESTIONE

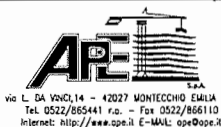
PROGETTO ESECUTIVO

Concessionaria: **PROG.ESTE Spa**

Affidataria lavori di progettazione e costruzione: **CONSORZIO CONA**

IMPRESE COSTRUTTRICI E GESTIONALI

CMB - Carpi (MO) - Mandataria-
COOP. COSTRUZIONI - BO
CMR - Filo d'Argenta (FE)
CIAB - Bologna
SINTECO - Ferrara
BUSI IMPIANTI - Bologna
SINTEXCAL - Ferrara
Ing. SARTI G.&C. - Poggio R. (FE)
TUBI COSTRUZIONI - Ferrara
DALVA - Ferrara
SIRAM - Milano
HERA - Cassana (FE)
PETROLIFERA Estense - Ferrara
CIDAS - Copparo (FE)
C.I.R. - Reggio Emilia
SERENISSIMA RIST. - Vicenza
COOPSER - Ferrara
COOP SERVICE - Cavriago (RE)
SERVIZI ITALIA - Castellina di S.
Impresa BERTONCELLI - FE

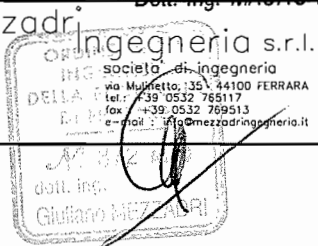


via L. DA VINCI, 14 - 42027 MONTECCHIO EMILIA (RE)
Tel. 0522/865441 r.o. - Fax 0522/866110
Internet: http://www.ape.it E-MAIL: ope@ape.it

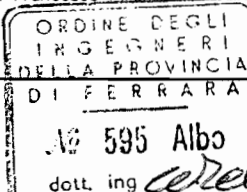
Ing. Mauro Ferrari
Ing. Massimiliano Galeazzi
Geom. Antonio Illiano

IL PROGETTISTA DEI C.A.
Dott. Ing. MAURO FERRARI

mezzadri



Ing. Giuliano Mezzadri
Ing. Davide Grandis
Ing. Francesco Pirani



PROGETTISTI

PROGETTAZIONE ARCHITETTONICA
NUOVE COSTRUZIONI E COORDINAMENTO
GENERALE DELLA PROGETTAZIONE
STUDIO ALTIERI S.p.A. -

Thiene (VI)

Responsabile tecnico della progettazione
Arch. Alberto Altieri

Codice commessa:

H 0 3 8 7 P E

PROGETTAZIONE ARCHITETTONICA DELLE
RISTRUTTURAZIONI E PROGETTAZIONE
STRUTTURALE

STS Servizi Tecnologie
Sistemi S.p.A. - Bologna

Responsabile tecnico della progettazione
Arch. Eugenio Arbizzani

Codice commessa:

0 5 . 2 2

PROGETTAZIONE IMPIANTISTICA
S.T.E.P. S.n.c. - Ferrara

Responsabile tecnico della progettazione
Ing. Adolfo Alberto Tori

Codice commessa:

8 4 8

PROGETTAZIONE DELLE URBANIZZAZIONI
E SISTEMAZIONI ESTERNE

U.TE.CO. - Ferrara

Responsabile tecnico della progettazione
Arch. Pietro Pigozzi

Codice commessa:

0 5 0 1 2

Rev.	Data	Descrizione
00	11/12/2007	

CONSORZIO CONA		STS Servizi Tecnologie Sistemi S.p.A.		
Verifica	Approvaz.	Verifica	Approvaz.	Redatto

Denominazione:

CORPO 33 - PROGETTO PILASTRI PREFABBRICATI

Codice elaborato:

E 0 0 X X S 1 4 2 2 4 6

Codice commessa:

0 0 0 0 0 F 7.3

FILE: F_E_0_S_142.246_C33RPIL_R00

CONSORZIO CONA
Via C. Pisacane 2 - 41012 Carpi (MO)
C.F. e P.IVA 03095540369

CONDIZIONI DI CARICO:

(1) PESI PROPRI STRUTTURALI

(2) CARICHI 1' FASE (trave autoportante: p.p. trave + aliquota di solaio incidente)

Questa condizione di carico viene usata per verificare le travi in prima fase (montaggio struttura).

(3) PESO PROPRIO SOLAI

(4) PERMANENTI

(5) ACCIDENTALI

(6) ACCIDENTALI COPERTURA

(7) ACCIDENTALI SCALE

(8) TAMPONAMENTI

(9) PERMANENTI COPERTURA METALLICA

(10) SISMA IN DIREZIONE 0

(11) SISMA IN DIREZIONE 90

(12) SISMA IN DIREZIONE 180

(13) SISMA IN DIREZIONE 270

(14) SISMA IN DIREZIONE 180+

(15) SISMA IN DIREZIONE 180-

(16) SISMA IN DIREZIONE 270+

(17) SISMA IN DIREZIONE 270-

(18) SISMA IN DIREZIONE 0 (per verifiche allo S.L.D.)

(19) SISMA IN DIREZIONE 90 (per verifiche allo S.L.D.)

(20) SISMA IN DIREZIONE 180 (per verifiche allo S.L.D.)

(21) SISMA IN DIREZIONE 270 (per verifiche allo S.L.D.)

(22) SISMA IN DIREZIONE 180+ (per verifiche allo S.L.D.)

(23) SISMA IN DIREZIONE 180- (per verifiche allo S.L.D.)

(24) SISMA IN DIREZIONE 270+ (per verifiche allo S.L.D.)

(25) SISMA IN DIREZIONE 270- (per verifiche allo S.L.D.)

LO SCHEMA STATICO ADOTTATO E' A TELAIO SPAZIALE SOGGETTO ALLE AZIONI VERTICALI E ORIZZONTALI DI PROGETTO.

IL METODO DI CALCOLO E' QUELLO DELL' ANALISI DINAMICA CON CONDENSAMENTO DEI NODI.

LE VERIFICHE SONO ESEGUITE CON IL **METODO DEGLI STATI LIMITE** E CON L'APPLICAZIONE DELLE "NORME TECNICHE PER LE COSTRUZIONI" DI CUI AL D.M. 14-09-2005 E ALL' ORDINANZA n. 3274 DEL 20-03-2003 E SUCCESSIVE MODIFICHE ED INTEGRAZIONI, UTILIZZANDO I SEGUENTI PARAMETRI PROGETTUALI:

PARAMETRI DI CALCOLO UTILIZZATI PER L'ANALISI DINAMICA:

- ZONA: **3** (a/g=0.15)

- CATEGORIA DI SUOLO: **C**

- FATTORE DI IMPORTANZA: **1.4** (ospedale)

- CLASSE DI DUTTILITA': **BASSA**

- FATTORE DI STRUTTURA PER SISMA ORIZZONTALE: p.ti 5.3.2. e 5.7.2 per strutture in cemento armato prefabbricate: $q_0 = q \times K_D \times K_R = 3.5$ essendo:

$q = 5$ (strutture prefabbricate a telaio)

$K_D = 0.7$ (classe di duttilità "bassa")

$K_R = 1$ (struttura regolare in altezza)

FATTORI DI PARTECIPAZIONE PER IL CALCOLO DELLE MASSE:

	Condizione	Commento	Fattore di Partecipazione
1	Peso proprio		1.000000
2	Prima fase		0.000000
3	Peso solaio		1.000000
4	Permanenti		1.000000
5	Accidentali		0.600000
6	Accidentali coperture (neve)		0.200000
7	Accidentali scale		0.800000
8	Tamponamenti		1.000000
9	Permanenti copertura metallica		1.000000

COMBINAZIONI DI CARICO CONSIDERATE:

Combinazioni Stati Limite Ultimi (S.L.U.)

	Combinazione di carico numero
1	Sisma 0+ / 90+
2	Sisma 0+ / 90-
3	Sisma 0+ / 270+
4	Sisma 0+ / 270-
5	Sisma 0- / 90+
6	Sisma 0- / 90-
7	Sisma 0- / 270+
8	Sisma 0- / 270-
9	Sisma 90+ / 0+
10	Sisma 90+ / 0-
11	Sisma 90+ / 180+
12	Sisma 90+ / 180-
13	Sisma 90- / 0+
14	Sisma 90- / 0-
15	Sisma 90- / 180+
16	Sisma 90- / 180-
17	Sisma 180+ / 90+
18	Sisma 180+ / 90-
19	Sisma 180+ / 270+
20	Sisma 180+ / 270-
21	Sisma 180- / 90+
22	Sisma 180- / 90-
23	Sisma 180- / 270+
24	Sisma 180- / 270-
25	Sisma 270+ / 0+
26	Sisma 270+ / 0-
27	Sisma 270+ / 180+
28	Sisma 270+ / 180-
29	Sisma 270- / 0+
30	Sisma 270- / 0-

26	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	0.4200	0.0000	0.0000	0.0000	0.0000	1.4000	0.0000
27	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.4200	1.4000	0.0000
28	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.4200	1.4000	0.0000
29	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.4200	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.4000
30	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	0.4200	0.0000	0.0000	0.0000	0.0000	0.0000	1.4000
31	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.4200	0.0000	0.0000	1.4000
32	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.4200	0.0000	1.4000
33	1.4000	-1.0000	1.4000	1.4000	1.5000	0.9000	1.5000	1.4000	1.4000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
34	1.4000	-1.0000	1.4000	1.4000	1.0500	1.5000	1.5000	1.4000	1.4000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
35	1.4000	-1.0000	1.4000	1.4000	1.0500	0.9000	1.5000	1.4000	1.4000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
36	1.4000	-1.0000	1.4000	1.4000	1.5000	1.5000	1.5000	1.4000	1.4000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Combinazioni RARE Stati Limite di Esercizio

	Comb.\Cond		1	2	3	4	5	6	7	8	9
37			1.0000	-1.0000	1.0000	1.0000	1.0000	0.6000	1.0000	1.0000	1.0000
38			1.0000	-1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
39			1.0000	-1.0000	1.0000	1.0000	1.0000	0.6000	1.0000	1.0000	1.0000

Combinazioni FREQUENTI Stati Limite di Esercizio

	Comb.\Cond		1	2	3	4	5	6	7	8	9
40			1.0000	-1.0000	1.0000	1.0000	0.7000	0.1000	0.8000	1.0000	1.0000
41			1.0000	-1.0000	1.0000	1.0000	0.6000	0.3000	0.8000	1.0000	1.0000
42			1.0000	-1.0000	1.0000	1.0000	0.6000	0.1000	0.9000	1.0000	1.0000

Combinazioni QUASI PERMANENTI Stati Limite di Esercizio

	Comb.\Cond		1	2	3	4	5	6	7	8	9
43			1.0000	-1.0000	1.0000	1.0000	0.6000	0.1000	0.8000	1.0000	1.0000

Combinazioni agli Stati Limite di Danno

Combinazione di carico numero

44	Sisma 0+ / 90+
45	Sisma 0+ / 90-
46	Sisma 0+ / 270+
47	Sisma 0+ / 270-
48	Sisma 0- / 90+
49	Sisma 0- / 90-
50	Sisma 0- / 270+
51	Sisma 0- / 270-
52	Sisma 90+ / 0+
53	Sisma 90+ / 0-
54	Sisma 90+ / 180+
55	Sisma 90+ / 180-
56	Sisma 90- / 0+
57	Sisma 90- / 0-
58	Sisma 90- / 180+
59	Sisma 90- / 180-
60	Sisma 180+ / 90+
61	Sisma 180+ / 90-
62	Sisma 180+ / 270+
63	Sisma 180+ / 270-
64	Sisma 180- / 90+
65	Sisma 180- / 90-
66	Sisma 180- / 270+
67	Sisma 180- / 270-
68	Sisma 270+ / 0+
69	Sisma 270+ / 0-
70	Sisma 270+ / 180+
71	Sisma 270+ / 180-
72	Sisma 270- / 0+
73	Sisma 270- / 0-
74	Sisma 270- / 180+

Comb.\Cond	1	2	3	4	5	6	7	8	9	18	19	20	21	22	23	24	25
44	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	1.4000	0.0000	0.4200	0.0000	0.0000	0.0000	0.0000	0.0000
45	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	1.4000	0.0000	0.0000	0.4200	0.0000	0.0000	0.0000	0.0000
46	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	1.4000	0.0000	0.0000	0.0000	0.0000	0.0000	0.4200	0.0000
47	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	1.4000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.4200
48	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	1.4000	0.4200	0.0000	0.0000	0.0000	0.0000	0.0000
49	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	1.4000	0.0000	0.4200	0.0000	0.0000	0.0000	0.0000
50	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	1.4000	0.0000	0.0000	0.0000	0.0000	0.4200	0.0000
51	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	1.4000	0.0000	0.0000	0.0000	0.0000	0.0000	0.4200
52	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.4200	0.0000	1.4000	0.0000	0.0000	0.0000	0.0000	0.0000
53	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	0.4200	1.4000	0.0000	0.0000	0.0000	0.0000	0.0000
54	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	0.0000	1.4000	0.0000	0.4200	0.0000	0.0000	0.0000
55	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	0.0000	1.4000	0.0000	0.0000	0.4200	0.0000	0.0000
56	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.4200	0.0000	0.0000	1.4000	0.0000	0.0000	0.0000	0.0000
57	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	0.4200	0.0000	1.4000	0.0000	0.0000	0.0000	0.0000
58	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	0.0000	0.0000	1.4000	0.4200	0.0000	0.0000	0.0000
59	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	0.0000	0.0000	1.4000	0.0000	0.4200	0.0000	0.0000
60	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	0.0000	0.4200	0.0000	1.4000	0.0000	0.0000	0.0000
61	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	0.0000	0.0000	0.4200	1.4000	0.0000	0.0000	0.0000
62	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000	1.4000	0.0000	0.4200	0.0000
63	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000	1.4000	0.0000	0.0000	0.4200
64	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	0.0000	0.4200	0.0000	0.0000	1.4000	0.0000	0.0000
65	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	0.0000	0.0000	0.4200	0.0000	1.4000	0.0000	0.0000
66	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.4000	0.4200	0.0000
67	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.4000	0.0000	0.4200
68	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.4200	0.0000	0.0000	0.0000	0.0000	0.0000	1.4000	0.0000
69	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	0.4200	0.0000	0.0000	0.0000	0.0000	1.4000	0.0000
70	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.4200	0.0000	1.4000	0.0000
71	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.4200	1.4000	0.0000
72	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.4200	0.0000	0.0000	0.0000	0.0000	0.4200	1.4000	0.0000
73	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	0.4200	0.0000	0.0000	0.0000	0.0000	0.0000	1.4000
74	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.4200	0.0000	0.0000	1.4000
75	1.0000	-1.0000	1.0000	1.0000	0.6000	0.2000	0.8000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.4200	0.0000	1.4000

PROGETTO PILASTRI PREFABBRICATI

Sezioni Impiegate:

Sezione Numero	Info	Dimensioni	Criterio	Rbk	f_{cd} [kg/cm ²]	τ_{fd} [kg/cm ²]	σ_{RARE} [kg/cm ²]	σ_{FREQ} [kg/cm ²]	σ_{QP} [kg/cm ²]	Acciaio	f_{yd} [kg/cm ²]	σ_{yRARE} [kg/cm ²]	σ_{yFREQ} [kg/cm ²]	σ_{yQP} [kg/cm ²]	Verifica
1	50x40	B 50 [cm] H 40 [cm]	ape2	300	157.9	3.0	142.9	111.1	111.1	FeB 44k	3739.1	3440.0	3440.0	3440.0	Deviata
2	60x60	B 60 [cm] H 60 [cm]	ape2	300	157.9	3.0	142.9	111.1	111.1	FeB 44k	3739.1	3440.0	3440.0	3440.0	Deviata
3	60x50	B 60 [cm] H 50 [cm]	ape2	300	157.9	3.0	142.9	111.1	111.1	FeB 44k	3739.1	3440.0	3440.0	3440.0	Deviata
6	40x40	B 40 [cm] H 40 [cm]	ape2	300	157.9	3.0	142.9	111.1	111.1	FeB 44k	3739.1	3440.0	3440.0	3440.0	Deviata
7	50x50	B 50 [cm] H 50 [cm]	ape2	300	157.9	3.0	142.9	111.1	111.1	FeB 44k	3739.1	3440.0	3440.0	3440.0	Deviata
9	40x50	B 40 [cm] H 50 [cm]	ape2	300	157.9	3.0	142.9	111.1	111.1	FeB 44k	3739.1	3440.0	3440.0	3440.0	Deviata

Verifiche Pilastri:

Pilastro: 1/101 / L 4.75[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 o 22 Af=30.41 [cm²] < 1φ22 x 4 V + 1φ22 x 2 B + 1φ22 x 2 H >

Staffe: ø 8/10.0' x 79.2+ø 8/25.0' x 316.7+ø 8/10.0' x 79.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
1	24	-178737.7	3825	17828	0.68
101	36	-211882.2	-10327	-5429	0.68

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	3096.2	25102.5	6040.8	31868.7	ø 8/10.0'
0.79	3.96	3096.2	10041.0	6040.8	12747.5	ø 8/25.0'
3.96	4.75	3096.2	25102.5	6040.8	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
1	Ft. 39	-143779.1	3394	1457	-562.0
	Fc. 37	-151725.0	3401	1644	-1253.7
	ClSMax 37	-151725.0	3401	1644	-87.8
	ClSMed 37	-151725.0	3401	1644	-61.8
101	Ft. 39	-141279.1	-6806	-2991	-225.1
	Fc. 37	-149225.0	-6812	-3386	-1571.6
	ClSMax 37	-149225.0	-6812	-3386	-113.2
	ClSMed 37	-149225.0	-6812	-3386	-60.8

Combinazioni Frequenti					
1	Ft. 42	-140575.2	3391	1392	-546.3
	Fc. 40	-143222.5	3394	1455	-1190.6
	ClSMax 40	-143222.5	3394	1455	-83.4
	ClSMed 40	-143222.5	3394	1455	-58.3
101	Ft. 42	-138075.2	-6803	-2855	-213.4
	Fc. 40	-140722.5	-6806	-2986	-1496.8
	ClSMax 40	-140722.5	-6806	-2986	-108.0
	ClSMed 40	-140722.5	-6806	-2986	-57.3

Combinazioni Quasi Permanenti					
1	Ft. 43	-140573.8	3391	1392	-546.3
	Fc. 43	-140573.8	3391	1392	-1170.7
	ClSMax 43	-140573.8	3391	1392	-82.1
	ClSMed 43	-140573.8	3391	1392	-57.2
101	Ft. 43	-138073.8	-6804	-2855	-213.4
	Fc. 43	-138073.8	-6804	-2855	-1473.1
	ClSMax 43	-138073.8	-6804	-2855	-106.3
	ClSMed 43	-138073.8	-6804	-2855	-56.2

Pilastro: 101/201 / L 4.02[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 20 Af=25.13 [cm²] < 1φ20 x 4 V + 1φ20 x 2 B + 1φ20 x 2 H >

Staffe: ø 8/10.0' x 67.1+ø 8/20.0' x 268.3+ø 8/10.0' x 67.1

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
101	24	-124374.9	8369	22805	0.82
201	24	-122124.9	-4524	-21136	0.69

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	0.92	3988.2	25102.5	9759.4	31868.7	ø 8/10.0'
0.92	3.60	3988.2	12551.2	9759.4	15934.3	ø 8/20.0'
3.60	4.27	3988.2	25102.5	9759.4	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

101	Ft. 39	-99913.6	7815	4636	261.2
	Fc. 37	-106021.1	7832	5274	-1575.5
	ClsMax 37	-106021.1	7832	5274	-116.1
	ClsMed 37	-106021.1	7832	5274	-48.8
201	Ft. 39	-97663.6	-4189	-4252	-60.8
	Fc. 37	-103771.1	-4202	-4868	-1247.8
	ClsMax 37	-103771.1	-4202	-4868	-90.1
	ClsMed 37	-103771.1	-4202	-4868	-43.7

Combinazioni Frequenti

101	Ft. 42	-97329.9	7809	4414	267.1
	Fc. 40	-99364.4	7815	4626	-1496.7
	ClsMax 40	-99364.4	7815	4626	-110.5
	ClsMed 40	-99364.4	7815	4626	-46.4
201	Ft. 42	-95079.9	-4183	-4037	-57.6
	Fc. 40	-97114.4	-4188	-4242	-1167.6
	ClsMax 40	-97114.4	-4188	-4242	-84.4
	ClsMed 40	-97114.4	-4188	-4242	-40.9

Combinazioni Quasi Permanenti

101	Ft. 43	-97328.6	7809	4413	267.1
	Fc. 43	-97328.6	7809	4413	-1471.7
	ClsMax 43	-97328.6	7809	4413	-108.7
	ClsMed 43	-97328.6	7809	4413	-45.6
201	Ft. 43	-95078.6	-4183	-4036	-57.6
	Fc. 43	-95078.6	-4183	-4036	-1142.3
	ClsMax 43	-95078.6	-4183	-4036	-82.6
	ClsMed 43	-95078.6	-4183	-4036	-40.1

Pilastro: 201/301 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 12 ø 20 Af=37.70 [cm²] < 1φ20 x 4 V + 2φ20 x 2 B + 2φ20 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
201	24	-91550.0	4595	16166	0.47
301	24	-89700.0	-7853	-18629	0.58

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	4562.3	25102.5	9366.7	31868.7	ø 8/10.0'
0.77	2.93	4562.3	12551.2	9366.7	15934.3	ø 8/20.0'
2.93	3.47	4562.3	25102.5	9366.7	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

201	Ft. 37	-81469.2	4076	6703	182.1
	Fc. 37	-81469.2	4076	6703	-1123.3
	ClsMax 37	-81469.2	4076	6703	-82.4
	ClsMed 37	-81469.2	4076	6703	-34.5
301	Ft. 37	-79619.2	-7422	-7897	649.6
	Fc. 37	-79619.2	-7422	-7897	-1482.8
	ClsMax 37	-79619.2	-7422	-7897	-111.4
	ClsMed 37	-79619.2	-7422	-7897	-41.2

Combinazioni Frequenti

201	Ft. 40	-76785.6	4058	5960	165.2
	Fc. 40	-76785.6	4058	5960	-1053.0
	ClsMax 40	-76785.6	4058	5960	-77.2
	ClsMed 40	-76785.6	4058	5960	-32.4
301	Ft. 40	-74935.6	-7409	-7162	639.1
	Fc. 40	-74935.6	-7409	-7162	-1415.2
	ClsMax 40	-74935.6	-7409	-7162	-106.5
	ClsMed 40	-74935.6	-7409	-7162	-39.4

Combinazioni Quasi Permanenti

201	Ft. 43	-75403.0	4052	5719	158.7
	Fc. 43	-75403.0	4052	5719	-1030.8
	ClsMax 43	-75403.0	4052	5719	-75.6
	ClsMed 43	-75403.0	4052	5719	-31.7
301	Ft. 43	-73553.0	-7404	-6925	634.3
	Fc. 43	-73553.0	-7404	-6925	-1393.8
	ClsMax 43	-73553.0	-7404	-6925	-104.9
	ClsMed 43	-73553.0	-7404	-6925	-38.8

Pilastro: 301/401 / L 3.25[m] / Sezione 1 B 50 [cm] H 40 [cm]

Af: 12 ø 20 Af=37.70 [cm²] < 1φ20 x 4 V + 2φ20 x 2 B + 2φ20 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
301	23	-46581.6	8566	15855	0.54
401	23	-44731.6	-5263	-16155	0.47

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	4996.0	25102.5	8706.2	31868.7	ø 8/10.0'
0.77	2.93	4996.0	12551.2	8706.2	15934.3	ø 8/20.0'
2.93	3.47	4996.0	25102.5	8706.2	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
301	Ft. 37	-42064.0	7811	7834	1358.9
	Fc. 37	-42064.0	7811	7834	-1449.8
	ClsMax 37	-42064.0	7811	7834	-113.2
	ClsMed 37	-42064.0	7811	7834	-38.5
401	Ft. 37	-40214.0	-4608	-6688	738.9
	Fc. 37	-40214.0	-4608	-6688	-1038.5
	ClsMax 37	-40214.0	-4608	-6688	-79.5
	ClsMed 37	-40214.0	-4608	-6688	-27.3

Combinazioni Frequenti					
301	Ft. 40	-39396.2	7777	7092	1326.6
	Fc. 40	-39396.2	7777	7092	-1383.9
	ClsMax 40	-39396.2	7777	7092	-108.4
	ClsMed 40	-39396.2	7777	7092	-37.2
401	Ft. 40	-37546.3	-4584	-5908	691.0
	Fc. 40	-37546.3	-4584	-5908	-970.6
	ClsMax 40	-37546.3	-4584	-5908	-74.4
	ClsMed 40	-37546.3	-4584	-5908	-25.5

Combinazioni Quasi Permanenti					
301	Ft. 43	-38680.4	7767	6847	1313.0
	Fc. 43	-38680.4	7767	6847	-1362.3
	ClsMax 43	-38680.4	7767	6847	-106.8
	ClsMed 43	-38680.4	7767	6847	-36.8
401	Ft. 43	-36830.4	-4576	-5645	672.0
	Fc. 43	-36830.4	-4576	-5645	-948.0
	ClsMax 43	-36830.4	-4576	-5645	-72.6
	ClsMed 43	-36830.4	-4576	-5645	-24.9

Pilastro: 401/501 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

AF: $12 \phi 20 \text{ Af}=37.70 \text{ [cm}^2\text{]} < 1\phi 20 \times 4 \text{ V} + 2\phi 20 \times 2 \text{ B} + 2\phi 20 \times 2 \text{ H} >$

Staffe: $\phi 8/10.0' \times 54.2 + \phi 8/20.0' \times 216.7 + \phi 8/10.0' \times 54.2$

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
401	27	-18163.1	7279	9057	0.39
501	27	-16313.1	-10486	-11219	0.55

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	4801.3	25102.5	6349.9	31868.7	$\phi 8/10.0'$
0.77	2.93	4801.3	12551.2	6349.9	15934.3	$\phi 8/20.0'$
2.93	3.48	4801.3	25102.5	6349.9	31868.7	$\phi 8/10.0'$

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm ²]

Combinazioni Rare					
401	Ft. 37	-17497.9	3793	6003	1024.6
	Fc. 37	-17497.9	3793	6003	-875.4
	ClsMax 37	-17497.9	3793	6003	-69.3
	ClsMed 37	-17497.9	3793	6003	-23.1
501	Ft. 37	-15647.9	-6013	-6872	1582.6
	Fc. 37	-15647.9	-6013	-6872	-1159.5
	ClsMax 37	-15647.9	-6013	-6872	-93.4
	ClsMed 37	-15647.9	-6013	-6872	-31.1

Combinazioni Frequenti					
401	Ft. 40	-16843.8	3752	5312	936.4
	Fc. 40	-16843.8	3752	5312	-816.1
	ClsMax 40	-16843.8	3752	5312	-64.5
	ClsMed 40	-16843.8	3752	5312	-21.5
501	Ft. 40	-14993.8	-5962	-6276	1512.7
	Fc. 40	-14993.8	-5962	-6276	-1105.0
	ClsMax 40	-14993.8	-5962	-6276	-89.1
	ClsMed 40	-14993.8	-5962	-6276	-29.7

Combinazioni Quasi Permanenti					
401	Ft. 43	-16789.0	3740	5110	907.7
	Fc. 43	-16789.0	3740	5110	-798.9
	ClsMax 43	-16789.0	3740	5110	-63.1
	ClsMed 43	-16789.0	3740	5110	-21.0
501	Ft. 43	-14939.0	-5947	-6157	1496.1
	Fc. 43	-14939.0	-5947	-6157	-1093.8
	ClsMax 43	-14939.0	-5947	-6157	-88.2
	ClsMed 43	-14939.0	-5947	-6157	-29.4

Pilastro: 2/102 / L 4.75[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 79.2+ø 8/20.0' x 316.7+ø 8/10.0' x 79.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
2	1	-191900.1	410	-19168	0.78	
102	36	-289670.4	-1998	-272	0.77	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	686.9	25102.5	6904.8	31868.7	ø 8/10.0'
0.79	3.96	686.9	12551.2	6904.8	15934.3	ø 8/20.0'
3.96	4.75	686.9	25102.5	6904.8	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
2	Ft. 39	-188192.1	682	52	-1169.4	
	Fc. 37	-204330.5	685	77	-1386.4	
	ClsMax 37	-204330.5	685	77	-93.1	
	ClsMed 37	-204330.5	685	77	-88.6	
102	Ft. 39	-185692.1	-1318	-121	-1100.4	
	Fc. 37	-201830.5	-1317	-185	-1424.9	
	ClsMax 37	-201830.5	-1317	-185	-96.4	
	ClsMed 37	-201830.5	-1317	-185	-87.5	

Combinazioni Frequenti						
2	Ft. 42	-181703.4	681	41	-1127.9	
	Fc. 40	-187083.8	682	49	-1272.2	
	ClsMax 40	-187083.8	682	49	-85.5	
	ClsMed 40	-187083.8	682	49	-81.2	
102	Ft. 42	-179203.4	-1319	-96	-1059.8	
	Fc. 40	-184583.8	-1318	-117	-1308.5	
	ClsMax 40	-184583.8	-1318	-117	-88.6	
	ClsMed 40	-184583.8	-1318	-117	-80.1	

Combinazioni Quasi Permanenti						
2	Ft. 43	-181704.3	681	41	-1127.9	
	Fc. 43	-181704.3	681	41	-1236.6	
	ClsMax 43	-181704.3	681	41	-83.1	
	ClsMed 43	-181704.3	681	41	-78.8	
102	Ft. 43	-179204.3	-1318	-96	-1059.8	
	Fc. 43	-179204.3	-1318	-96	-1272.2	
	ClsMax 43	-179204.3	-1318	-96	-86.1	
	ClsMed 43	-179204.3	-1318	-96	-77.7	

Pilastro: 102/202 / L 4.02[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 67.1+ø 8/20.0' x 268.3+ø 8/10.0' x 67.1

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
102	24	-126207.1	1476	27773	0.89	
202	24	-123957.2	-325	-26280	0.83	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	0.92	570.6	25102.5	12010.2	31868.7	ø 8/10.0'
0.92	3.60	570.6	12551.2	12010.2	15934.3	ø 8/20.0'
3.60	4.27	570.6	25102.5	12010.2	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
102	Ft. 39	-137718.3	1326	618	-756.8	
	Fc. 37	-149673.8	1330	751	-1121.8	
	ClsMax 37	-149673.8	1330	751	-76.5	
	ClsMed 37	-149673.8	1330	751	-64.9	
202	Ft. 39	-135468.3	-375	-975	-792.2	
	Fc. 37	-147423.8	-377	-1127	-1058.0	
	ClsMax 37	-147423.8	-377	-1127	-71.6	
	ClsMed 37	-147423.8	-377	-1127	-63.9	

Combinazioni Frequenti						
102	Ft. 42	-132616.4	1324	566	-727.0	
	Fc. 40	-136602.4	1326	609	-1027.5	
	ClsMax 40	-136602.4	1326	609	-70.2	
	ClsMed 40	-136602.4	1326	609	-59.3	
202	Ft. 42	-130366.4	-374	-915	-762.9	
	Fc. 40	-134352.4	-374	-965	-962.7	
	ClsMax 40	-134352.4	-374	-965	-65.1	
	ClsMed 40	-134352.4	-374	-965	-58.3	

Combinazioni Quasi Permanenti						
102	Ft. 43	-132617.3	1324	565	-727.0	
	Fc. 43	-132617.3	1324	565	-998.7	
	ClsMax 43	-132617.3	1324	565	-68.2	
	ClsMed 43	-132617.3	1324	565	-57.5	
202	Ft. 43	-130367.3	-374	-914	-762.9	
	Fc. 43	-130367.3	-374	-914	-933.6	
	ClsMax 43	-130367.3	-374	-914	-63.2	
	ClsMed 43	-130367.3	-374	-914	-56.5	

Pilastro: 202/302 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 o 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
202	24	-95702.4	240	21292	0.68	
302	24	-93852.4	-845	-22547	0.73	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	455.2	25102.5	11842.6	31868.7	ø 8/10.0'
0.77	2.93	455.2	12551.2	11842.6	15934.3	ø 8/20.0'
2.93	3.47	455.2	25102.5	11842.6	31868.7	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
202	Ft. 39	-103575.1	125	1371	-579.1	
	Fc. 37	-111462.8	127	1623	-835.9	
	ClsMax 37	-111462.8	127	1623	-56.8	
	ClsMed 37	-111462.8	127	1623	-48.3	
302	Ft. 39	-101725.1	-904	-933	-535.0	
	Fc. 37	-109612.8	-902	-1211	-857.1	
	ClsMax 37	-109612.8	-902	-1211	-58.8	
	ClsMed 37	-109612.8	-902	-1211	-47.5	
Combinazioni Frequenti						
202	Ft. 42	-99815.9	125	1272	-560.8	
	Fc. 40	-102445.9	126	1355	-760.5	
	ClsMax 40	-102445.9	126	1355	-51.6	
	ClsMed 40	-102445.9	126	1355	-44.4	
302	Ft. 42	-97965.9	-907	-824	-517.2	
	Fc. 40	-100595.9	-906	-916	-780.4	
	ClsMax 40	-100595.9	-906	-916	-53.5	
	ClsMed 40	-100595.9	-906	-916	-43.6	
Combinazioni Quasi Permanenti						
202	Ft. 43	-99816.7	125	1271	-560.8	
	Fc. 43	-99816.7	125	1271	-738.1	
	ClsMax 43	-99816.7	125	1271	-50.1	
	ClsMed 43	-99816.7	125	1271	-43.3	
302	Ft. 43	-97966.7	-907	-823	-517.2	
	Fc. 43	-97966.7	-907	-823	-757.6	
	ClsMax 43	-97966.7	-907	-823	-51.9	
	ClsMed 43	-97966.7	-907	-823	-42.5	

Pilastro: 302/402 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
302	24	-51570.3	966	11247	0.53	
402	24	-50090.3	-273	-12864	0.62	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	502.0	25102.5	6513.6	25102.5	ø 8/10.0'
0.77	2.93	502.0	12551.2	6513.6	12551.2	ø 8/20.0'
2.93	3.47	502.0	25102.5	6513.6	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
302	Ft. 39	-56271.3	868	662	-304.2	
	Fc. 37	-60132.7	875	828	-627.7	
	ClSMax 37	-60132.7	875	828	-43.8	
	ClSMed 37	-60132.7	875	828	-31.6	
402	Ft. 39	-54791.3	-230	-1121	-308.9	
	Fc. 37	-58652.7	-231	-1301	-600.6	
	ClSMax 37	-58652.7	-231	-1301	-41.8	
	ClSMed 37	-58652.7	-231	-1301	-30.8	

Combinazioni Frequenti						
302	Ft. 42	-53839.0	864	596	-291.4	
	Fc. 40	-55126.8	867	650	-571.5	
	ClSMax 40	-55126.8	867	650	-39.8	
	ClSMed 40	-55126.8	867	650	-28.9	
402	Ft. 42	-52359.0	-231	-1043	-296.7	
	Fc. 40	-53646.8	-231	-1103	-543.2	
	ClSMax 40	-53646.8	-231	-1103	-37.7	
	ClSMed 40	-53646.8	-231	-1103	-28.2	

Combinazioni Quasi Permanenti						
302	Ft. 43	-53839.7	865	595	-291.5	
	Fc. 43	-53839.7	865	595	-556.2	
	ClSMax 43	-53839.7	865	595	-38.8	
	ClSMed 43	-53839.7	865	595	-28.3	
402	Ft. 43	-52359.7	-230	-1043	-296.8	
	Fc. 43	-52359.7	-230	-1043	-527.6	
	ClSMax 43	-52359.7	-230	-1043	-36.6	
	ClSMed 43	-52359.7	-230	-1043	-27.5	

Pilastro: 402/502 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
402	24	-23227.1	336	9775	0.52	
502	24	-21747.1	-996	-10478	0.59	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	572.9	25102.5	5473.4	25102.5	ø 8/10.0'
0.77	2.93	572.9	12551.2	5473.4	12551.2	ø 8/20.0'
2.93	3.48	572.9	25102.5	5473.4	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
402	Ft. 37	-23439.9	282	1508	-22.2	
	Fc. 37	-23439.9	282	1508	-346.8	
	ClsMax 37	-23439.9	282	1508	-25.2	
	ClsMed 38	-24560.7	279	1316	-12.9	
502	Ft. 37	-21959.9	-890	-1486	50.6	
	Fc. 37	-21959.9	-890	-1486	-392.9	
	ClsMax 37	-21959.9	-890	-1486	-29.0	
	ClsMed 38	-23080.7	-886	-1294	-12.5	

Combinazioni Frequenti						
402	Ft. 40	-22435.0	276	1304	-33.3	
	Fc. 40	-22435.0	276	1304	-319.9	
	ClsMax 40	-22435.0	276	1304	-23.1	
	ClsMed 41	-22966.1	276	1241	-12.1	
502	Ft. 40	-20955.0	-883	-1277	35.9	
	Fc. 40	-20955.0	-883	-1277	-363.8	
	ClsMax 40	-20955.0	-883	-1277	-26.8	
	ClsMed 41	-21486.1	-882	-1214	-11.7	

Combinazioni Quasi Permanenti						
402	Ft. 43	-22493.5	275	1239	-39.8	
	Fc. 43	-22493.5	275	1239	-314.3	
	ClsMax 43	-22493.5	275	1239	-22.7	
	ClsMed 43	-22493.5	275	1239	-11.8	
502	Ft. 43	-21013.5	-881	-1211	27.9	
	Fc. 43	-21013.5	-881	-1211	-357.3	
	ClsMax 43	-21013.5	-881	-1211	-26.3	
	ClsMed 43	-21013.5	-881	-1211	-11.5	

Pilastro: 3/103 / L 4.75[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 79.2+ø 8/20.0' x 316.7+ø 8/10.0' x 79.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
3	36	-294938.2	277	-288	0.76	
103	36	-291438.2	-472	509	0.75	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	291.8	25102.5	6731.3	31868.7	ø 8/10.0'
0.79	3.96	291.8	12551.2	6731.3	15934.3	ø 8/20.0'
3.96	4.75	291.8	25102.5	6731.3	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
3	Ft. 39	-188006.3	185	-170	-1198.6	
	Fc. 37	-205379.4	187	-182	-1361.8	
	ClsMax 37	-205379.4	187	-182	-91.1	
	ClsMed 37	-205379.4	187	-182	-89.1	
103	Ft. 39	-185506.3	-320	332	-1162.0	
	Fc. 37	-202879.4	-318	343	-1365.5	
	ClsMax 37	-202879.4	-318	343	-91.6	
	ClsMed 37	-202879.4	-318	343	-88.0	

Combinazioni Frequenti						
3	Ft. 42	-181006.1	184	-166	-1153.4	
	Fc. 40	-186797.2	185	-171	-1240.1	
	ClsMax 40	-186797.2	185	-171	-83.0	
	ClsMed 40	-186797.2	185	-171	-81.0	
103	Ft. 42	-178506.1	-320	328	-1116.7	
	Fc. 40	-184297.2	-320	332	-1244.1	
	ClsMax 40	-184297.2	-320	332	-83.5	
	ClsMed 40	-184297.2	-320	332	-79.9	

Combinazioni Quasi Permanenti						
3	Ft. 43	-181006.1	184	-167	-1153.4	
	Fc. 43	-181006.1	184	-167	-1202.1	
	ClsMax 43	-181006.1	184	-167	-80.4	
	ClsMed 43	-181006.1	184	-167	-78.5	
103	Ft. 43	-178506.1	-320	328	-1116.7	
	Fc. 43	-178506.1	-320	328	-1206.3	
	ClsMax 43	-178506.1	-320	328	-80.9	
	ClsMed 43	-178506.1	-320	328	-77.4	

Pilastro: 103/203 / L 4.02[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 67.1+ø 8/20.0' x 268.3+ø 8/10.0' x 67.1

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
103	1	-138903.4	258	-26281	0.83
203	24	-136047.2	-47	-24626	0.79

Verifiche a Taglio						Staffe
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	
0.25	0.92	160.1	25102.5	11256.3	31868.7	ø 8/10.0'
0.92	3.60	160.1	12551.2	11256.3	15934.3	ø 8/20.0'
3.60	4.27	160.1	25102.5	11256.3	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
103	Ft. 39	-143913.2	346	-180	-898.8
	Fc. 37	-156950.9	348	-189	-1059.4
	ClsMax 37	-156950.9	348	-189	-71.1
	ClsMed 37	-156950.9	348	-189	-68.1
203	Ft. 39	-141663.2	-101	-120	-906.6
	Fc. 37	-154700.9	-100	-111	-1021.0
	ClsMax 37	-154700.9	-100	-111	-68.2
	ClsMed 37	-154700.9	-100	-111	-67.1

Combinazioni Frequenti					
103	Ft. 42	-138358.5	345	-177	-862.9
	Fc. 40	-142704.4	346	-181	-966.1
	ClsMax 40	-142704.4	346	-181	-64.9
	ClsMed 40	-142704.4	346	-181	-61.9
203	Ft. 42	-136108.5	-100	-124	-870.3
	Fc. 40	-140454.4	-100	-120	-928.9
	ClsMax 40	-140454.4	-100	-120	-62.1
	ClsMed 40	-140454.4	-100	-120	-60.9

Combinazioni Quasi Permanenti					
103	Ft. 43	-138358.5	345	-178	-862.9
	Fc. 43	-138358.5	345	-178	-937.6
	ClsMax 43	-138358.5	345	-178	-62.9
	ClsMed 43	-138358.5	345	-178	-60.0
203	Ft. 43	-136108.5	-100	-123	-870.3
	Fc. 43	-136108.5	-100	-123	-900.9
	ClsMax 43	-136108.5	-100	-123	-60.2
	ClsMed 43	-136108.5	-100	-123	-59.0

Pilastro: 203/303 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
203	24	-99940.5	100	19895	0.63	
303	24	-98090.5	-147	-21475	0.68	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	135.1	25102.5	11173.3	31868.7	ø 8/10.0'
0.77	2.93	135.1	12551.2	11173.3	15934.3	ø 8/20.0'
2.93	3.47	135.1	25102.5	11173.3	31868.7	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
203	Ft. 39	-104119.8	20	535	-642.7	
	Fc. 37	-112824.2	19	546	-769.5	
	ClsMax 37	-112824.2	19	546	-51.6	
	ClsMed 37	-112824.2	19	546	-48.9	
303	Ft. 39	-102269.8	-186	-367	-628.5	
	Fc. 37	-110974.2	-180	-376	-759.2	
	ClsMax 37	-110974.2	-180	-376	-51.0	
	ClsMed 37	-110974.2	-180	-376	-48.1	
Combinazioni Frequenti						
203	Ft. 42	-100009.6	21	531	-616.1	
	Fc. 40	-102911.1	21	533	-704.4	
	ClsMax 40	-102911.1	21	533	-47.3	
	ClsMed 40	-102911.1	21	533	-44.6	
303	Ft. 42	-98159.6	-189	-363	-601.7	
	Fc. 40	-101061.1	-187	-365	-694.5	
	ClsMax 40	-101061.1	-187	-365	-46.7	
	ClsMed 40	-101061.1	-187	-365	-43.8	
Combinazioni Quasi Permanenti						
203	Ft. 43	-100009.6	21	530	-616.2	
	Fc. 43	-100009.6	21	530	-685.3	
	ClsMax 43	-100009.6	21	530	-46.0	
	ClsMed 43	-100009.6	21	530	-43.4	
303	Ft. 43	-98159.6	-189	-362	-601.8	
	Fc. 43	-98159.6	-189	-362	-675.6	
	ClsMax 43	-98159.6	-189	-362	-45.4	
	ClsMed 43	-98159.6	-189	-362	-42.6	

Pilastro: 303/403 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 o 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
303	24	-61662.6	278	10501	0.48
403	24	-60182.6	-27	-11780	0.54

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	174.0	25102.5	6018.6	25102.5	ø 8/10.0'
0.77	2.93	174.0	12551.2	6018.6	12551.2	ø 8/20.0'
2.93	3.47	174.0	25102.5	6018.6	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

303	Ft. 39	-64342.2	214	180	-470.8
	Fc. 37	-68708.4	217	177	-576.7
	ClSMax 37	-68708.4	217	177	-38.9
	ClSMed 37	-68708.4	217	177	-36.1
403	Ft. 39	-62862.2	-10	-304	-466.3
	Fc. 37	-67228.4	-9	-302	-557.4
	ClSMax 37	-67228.4	-9	-302	-37.5
	ClSMed 37	-67228.4	-9	-302	-35.3

Combinazioni Frequenti

303	Ft. 42	-61678.1	211	183	-449.8
	Fc. 40	-63133.5	213	182	-532.8
	ClSMax 40	-63133.5	213	182	-36.0
	ClSMed 40	-63133.5	213	182	-33.1
403	Ft. 42	-60198.1	-12	-307	-445.0
	Fc. 40	-61653.5	-11	-305	-514.0
	ClSMax 40	-61653.5	-11	-305	-34.6
	ClSMed 40	-61653.5	-11	-305	-32.4

Combinazioni Quasi Permanenti

303	Ft. 43	-61678.1	212	182	-449.8
	Fc. 43	-61678.1	212	182	-521.3
	ClSMax 43	-61678.1	212	182	-35.2
	ClSMed 43	-61678.1	212	182	-32.4
403	Ft. 43	-60198.1	-12	-306	-445.1
	Fc. 43	-60198.1	-12	-306	-502.7
	ClSMax 43	-60198.1	-12	-306	-33.9
	ClSMed 43	-60198.1	-12	-306	-31.6

Pilastro: 403/503 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
403	24	-24179.2	148	8400	0.43	
503	24	-22699.2	-434	-9190	0.48	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	248.4	25102.5	4753.3	25102.5	ø 8/10.0'
0.77	2.93	248.4	12551.2	4753.3	12551.2	ø 8/20.0'
2.93	3.48	248.4	25102.5	4753.3	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
403	Ft. 39	-25329.3	127	102	-178.6	
	Fc. 38	-26293.0	128	85	-226.3	
	ClisMax 38	-26293.0	128	85	-15.3	
	ClisMed 38	-26293.0	128	85	-13.8	
503	Ft. 37	-23869.3	-382	7	-152.6	
	Fc. 38	-24813.0	-385	20	-232.1	
	ClisMax 38	-24813.0	-385	20	-15.9	
	ClisMed 38	-24813.0	-385	20	-13.0	

Combinazioni Frequenti						
403	Ft. 42	-24118.0	126	123	-167.3	
	Fc. 41	-24599.8	127	112	-215.3	
	ClisMax 41	-24599.8	127	112	-14.6	
	ClisMed 41	-24599.8	127	112	-12.9	
503	Ft. 42	-22638.0	-385	-19	-141.6	
	Fc. 41	-23119.8	-385	-8	-217.7	
	ClisMax 41	-23119.8	-385	-8	-15.0	
	ClisMed 41	-23119.8	-385	-8	-12.1	

Combinazioni Quasi Permanenti						
403	Ft. 43	-24117.9	126	121	-167.5	
	Fc. 43	-24117.9	126	121	-212.3	
	ClisMax 43	-24117.9	126	121	-14.4	
	ClisMed 43	-24117.9	126	121	-12.7	
503	Ft. 43	-22637.9	-385	-16	-141.8	
	Fc. 43	-22637.9	-385	-16	-214.6	
	ClisMax 43	-22637.9	-385	-16	-14.8	
	ClisMed 43	-22637.9	-385	-16	-11.9	

Pilastro: 4/104 / L 4.75[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 79.2+ø 8/20.0' x 316.7+ø 8/10.0' x 79.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
4	36	-301661.4	458	-32	0.78	
104	36	-298161.4	-856	-13	0.77	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	380.1	25102.5	6640.4	31868.7	ø 8/10.0'
0.79	3.96	380.1	12551.2	6640.4	15934.3	ø 8/20.0'
3.96	4.75	380.1	25102.5	6640.4	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
4	Ft. 39	-192956.8	324	10	-1230.2	
	Fc. 37	-210228.6	325	-1	-1392.6	
	ClSMax 37	-210228.6	325	-1	-93.2	
	ClSMed 37	-210228.6	325	-1	-91.2	
104	Ft. 39	-190456.8	-612	-36	-1190.4	
	Fc. 37	-207728.6	-609	-27	-1399.6	
	ClSMax 37	-207728.6	-609	-27	-93.9	
	ClSMed 37	-207728.6	-609	-27	-90.1	

Combinazioni Frequenti						
4	Ft. 42	-185998.2	324	13	-1184.8	
	Fc. 40	-191755.8	324	10	-1272.9	
	ClSMax 40	-191755.8	324	10	-85.2	
	ClSMed 40	-191755.8	324	10	-83.2	
104	Ft. 42	-183498.2	-613	-39	-1144.8	
	Fc. 40	-189255.8	-612	-36	-1280.2	
	ClSMax 40	-189255.8	-612	-36	-86.0	
	ClSMed 40	-189255.8	-612	-36	-82.1	

Combinazioni Quasi Permanenti						
4	Ft. 43	-185998.5	324	13	-1184.8	
	Fc. 43	-185998.5	324	13	-1235.7	
	ClSMax 43	-185998.5	324	13	-82.7	
	ClSMed 43	-185998.5	324	13	-80.7	
104	Ft. 43	-183498.5	-613	-39	-1144.9	
	Fc. 43	-183498.5	-613	-39	-1243.0	
	ClSMax 43	-183498.5	-613	-39	-83.5	
	ClSMed 43	-183498.5	-613	-39	-79.6	

Pilastro: 104/204 / L 4.02[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 σ 18 Af=20.36 [cm²] < 1 ϕ 18 x 4 V + 1 ϕ 18 x 2 B + 1 ϕ 18 x 2 H >

Staffe: σ 8/10.0' x 67.1+ σ 8/20.0' x 268.3+ σ 8/10.0' x 67.1

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
104	24	-144265.5	1072	26123	0.85
204	24	-142015.5	-846	-24416	0.80

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	0.92	584.9	25102.5	11228.9	31868.7	σ 8/10.0'
0.92	3.60	584.9	12551.2	11228.9	15934.3	σ 8/20.0'
3.60	4.27	584.9	25102.5	11228.9	31868.7	σ 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm ²]
------	------	-----------	-------------	-------------	-----------------------------------

Combinazioni Rare

104	Ft. 39	-149325.5	938	71	-895.9
	Fc. 37	-162276.0	934	64	-1130.9
	ClsMax 37	-162276.0	934	64	-76.3
	ClsMed 37	-162276.0	934	64	-70.4
204	Ft. 39	-147075.5	-816	1	-894.9
	Fc. 37	-160026.0	-808	11	-1103.3
	ClsMax 37	-160026.0	-808	11	-74.3
	ClsMed 37	-160026.0	-808	11	-69.4

Combinazioni Frequenti

104	Ft. 42	-143807.5	939	73	-859.7
	Fc. 40	-148124.6	938	70	-1039.5
	ClsMax 40	-148124.6	938	70	-70.2
	ClsMed 40	-148124.6	938	70	-64.3
204	Ft. 42	-141557.5	-818	-2	-858.7
	Fc. 40	-145874.6	-815	1	-1011.2
	ClsMax 40	-145874.6	-815	1	-68.2
	ClsMed 40	-145874.6	-815	1	-63.3

Combinazioni Quasi Permanenti

104	Ft. 43	-143807.8	939	73	-859.8
	Fc. 43	-143807.8	939	73	-1011.6
	ClsMax 43	-143807.8	939	73	-68.4
	ClsMed 43	-143807.8	939	73	-62.4
204	Ft. 43	-141557.8	-818	-2	-858.7
	Fc. 43	-141557.8	-818	-2	-983.4
	ClsMax 43	-141557.8	-818	-2	-66.4
	ClsMed 43	-141557.8	-818	-2	-61.4

Pilastro: 204/304 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
204	24	-104039.7	1094	19330	0.63
304	24	-102189.7	-1060	-21090	0.67

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	926.6	25102.5	10916.6	31868.7	ø 8/10.0'
0.77	2.93	926.6	12551.2	10916.6	15934.3	ø 8/20.0'
2.93	3.47	926.6	25102.5	10916.6	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

204	Ft. 39	-107662.2	903	145	-622.8
	Fc. 37	-116293.4	890	156	-834.0
	ClMax 37	-116293.4	890	156	-56.6
	ClMed 37	-116293.4	890	156	-50.4
304	Ft. 39	-105812.2	-952	-172	-605.4
	Fc. 37	-114443.4	-935	-181	-827.0
	ClMax 37	-114443.4	-935	-181	-56.1
	ClMed 37	-114443.4	-935	-181	-49.6

Combinazioni Frequenti

204	Ft. 42	-103584.0	908	142	-596.0
	Fc. 40	-106461.3	904	145	-770.5
	ClMax 40	-106461.3	904	145	-52.3
	ClMed 40	-106461.3	904	145	-46.2
304	Ft. 42	-101734.0	-959	-169	-578.5
	Fc. 40	-104611.3	-954	-171	-763.8
	ClMax 40	-104611.3	-954	-171	-51.9
	ClMed 40	-104611.3	-954	-171	-45.4

Combinazioni Quasi Permanenti

204	Ft. 43	-103584.2	909	141	-596.1
	Fc. 43	-103584.2	909	141	-751.9
	ClMax 43	-103584.2	909	141	-51.1
	ClMed 43	-103584.2	909	141	-44.9
304	Ft. 43	-101734.2	-959	-168	-578.5
	Fc. 43	-101734.2	-959	-168	-745.3
	ClMax 43	-101734.2	-959	-168	-50.7
	ClMed 43	-101734.2	-959	-168	-44.1

Pilastro: 304/404 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
304	24	-64455.1	946	10261	0.49	
404	24	-62975.1	-785	-11404	0.53	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	805.5	25102.5	5851.9	25102.5	ø 8/10.0'
0.77	2.93	805.5	12551.2	5851.9	12551.2	ø 8/20.0'
2.93	3.47	805.5	25102.5	5851.9	25102.5	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
304	Ft. 39	-66698.2	789	57	-448.4	
	Fc. 37	-71010.9	781	56	-634.9	
	ClsMax 37	-71010.9	781	56	-43.3	
	ClsMed 37	-71010.9	781	56	-37.3	
404	Ft. 39	-65218.2	-666	-61	-447.5	
	Fc. 37	-69530.9	-654	-61	-612.2	
	ClsMax 37	-69530.9	-654	-61	-41.6	
	ClsMed 37	-69530.9	-654	-61	-36.5	
Combinazioni Frequenti						
304	Ft. 42	-64059.7	791	60	-427.1	
	Fc. 40	-65497.5	789	59	-592.5	
	ClsMax 40	-65497.5	789	59	-40.5	
	ClsMed 40	-65497.5	789	59	-34.4	
404	Ft. 42	-62579.7	-672	-62	-426.1	
	Fc. 40	-64017.5	-668	-61	-570.1	
	ClsMax 40	-64017.5	-668	-61	-38.8	
	ClsMed 40	-64017.5	-668	-61	-33.6	
Combinazioni Quasi Permanenti						
304	Ft. 43	-64059.9	791	59	-427.2	
	Fc. 43	-64059.9	791	59	-581.4	
	ClsMax 43	-64059.9	791	59	-39.7	
	ClsMed 43	-64059.9	791	59	-33.6	
404	Ft. 43	-62579.9	-672	-61	-426.2	
	Fc. 43	-62579.9	-672	-61	-559.1	
	ClsMax 43	-62579.9	-672	-61	-38.1	
	ClsMed 43	-62579.9	-672	-61	-32.8	

Pilastro: 404/504 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
404	1	-25012.3	865	-8226	0.42
504	24	-23712.1	-1676	-8917	0.49

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	1257.2	25102.5	4667.7	25102.5	ø 8/10.0'
0.77	2.93	1257.2	12551.2	4667.7	12551.2	ø 8/20.0'
2.93	3.48	1257.2	25102.5	4667.7	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

404	Ft. 39	-26061.5	1015	-118	-102.5
	Fc. 38	-27022.5	1017	-133	-317.0
	ClisMax 38	-27022.5	1017	-133	-22.5
	ClisMed 38	-27022.5	1017	-133	-14.2
504	Ft. 39	-24581.5	-1450	76	-55.1
	Fc. 38	-25542.5	-1453	91	-341.0
	ClisMax 38	-25542.5	-1453	91	-24.5
	ClisMed 38	-25542.5	-1453	91	-13.4

Combinazioni Frequenti

404	Ft. 42	-24861.9	1020	-100	-94.3
	Fc. 41	-25342.5	1021	-110	-302.0
	ClisMax 41	-25342.5	1021	-110	-21.4
	ClisMed 41	-25342.5	1021	-110	-13.3
504	Ft. 42	-23381.9	-1455	59	-46.8
	Fc. 41	-23862.5	-1457	69	-326.2
	ClisMax 41	-23862.5	-1457	69	-23.5
	ClisMed 41	-23862.5	-1457	69	-12.5

Combinazioni Quasi Permanenti

404	Ft. 43	-24862.0	1020	-102	-94.0
	Fc. 43	-24862.0	1020	-102	-297.4
	ClisMax 43	-24862.0	1020	-102	-21.1
	ClisMed 43	-24862.0	1020	-102	-13.0
504	Ft. 43	-23382.0	-1456	62	-46.5
	Fc. 43	-23382.0	-1456	62	-321.6
	ClisMax 43	-23382.0	-1456	62	-23.2
	ClisMed 43	-23382.0	-1456	62	-12.3

Pilastro: 5/105 / L 4.75[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 79.2+ø 8/20.0' x 316.7+ø 8/10.0' x 79.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
5	36	-295400.0	152	-73	0.76
105	36	-291900.0	-250	70	0.75

Verifiche a Taglio						Staffe
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	
0.00	0.79	199.4	25102.5	6654.3	31868.7	ø 8/10.0'
0.79	3.96	199.4	12551.2	6654.3	15934.3	ø 8/20.0'
3.96	4.75	199.4	25102.5	6654.3	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
5	Ft. 39	-188464.7	106	-19	-1217.0
	Fc. 37	-205751.0	108	-29	-1348.8
	ClSMax 37	-205751.0	108	-29	-90.0
	ClSMed 37	-205751.0	108	-29	-89.2
105	Ft. 39	-185964.7	-180	23	-1194.9
	Fc. 37	-203251.0	-179	32	-1338.0
	ClSMax 37	-203251.0	-179	32	-89.4
	ClSMed 37	-203251.0	-179	32	-88.2

Combinazioni Frequenti					
5	Ft. 42	-181500.8	106	-16	-1171.9
	Fc. 40	-187263.0	106	-19	-1227.7
	ClSMax 40	-187263.0	106	-19	-82.0
	ClSMed 40	-187263.0	106	-19	-81.2
105	Ft. 42	-179000.8	-181	20	-1149.7
	Fc. 40	-184763.0	-180	23	-1217.3
	ClSMax 40	-184763.0	-180	23	-81.3
	ClSMed 40	-184763.0	-180	23	-80.1

Combinazioni Quasi Permanenti					
5	Ft. 43	-181500.9	106	-16	-1171.9
	Fc. 43	-181500.9	106	-16	-1190.0
	ClSMax 43	-181500.9	106	-16	-79.4
	ClSMed 43	-181500.9	106	-16	-78.7
105	Ft. 43	-179000.9	-181	20	-1149.7
	Fc. 43	-179000.9	-181	20	-1179.7
	ClSMax 43	-179000.9	-181	20	-78.8
	ClSMed 43	-179000.9	-181	20	-77.6

Pilastro: 105/205 / L 4.02[m] / Sczione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 67.1+ø 8/20.0' x 268.3+ø 8/10.0' x 67.1

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
105	24	-140285.7	359	26161	0.84	
205	1	-138036.9	-239	24477	0.79	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	0.92	154.8	25102.5	11255.2	31868.7	ø 8/10.0'
0.92	3.60	154.8	12551.2	11255.2	15934.3	ø 8/20.0'
3.60	4.27	154.8	25102.5	11255.2	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
105	Ft. 39	-145569.0	263	25	-925.6	
	Fc. 37	-158533.5	263	19	-1052.7	
	ClisMax 37	-158533.5	263	19	-70.4	
	ClisMed 37	-158533.5	263	19	-68.8	
205	Ft. 39	-143319.0	-193	-8	-917.3	
	Fc. 37	-156283.5	-193	1	-1031.6	
	ClisMax 37	-156283.5	-193	1	-69.0	
	ClisMed 37	-156283.5	-193	1	-67.8	

Combinazioni Frequenti						
105	Ft. 42	-140045.9	262	27	-889.6	
	Fc. 40	-144367.5	263	24	-960.8	
	ClisMax 40	-144367.5	263	24	-64.3	
	ClisMed 40	-144367.5	263	24	-62.6	
205	Ft. 42	-137795.9	-193	-10	-881.3	
	Fc. 40	-142117.5	-193	-7	-939.8	
	ClisMax 40	-142117.5	-193	-7	-62.8	
	ClisMed 40	-142117.5	-193	-7	-61.6	

Combinazioni Quasi Permanenti						
105	Ft. 43	-140046.0	262	26	-889.6	
	Fc. 43	-140046.0	262	26	-932.8	
	ClisMax 43	-140046.0	262	26	-62.5	
	ClisMed 43	-140046.0	262	26	-60.7	
205	Ft. 43	-137796.0	-193	-10	-881.3	
	Fc. 43	-137796.0	-193	-10	-911.9	
	ClisMax 43	-137796.0	-193	-10	-61.0	
	ClisMed 43	-137796.0	-193	-10	-59.8	

Pilastro: 205/305 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
205	24	-101152.8	261	19438	0.62	
305	24	-99302.8	-230	-21156	0.67	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	191.4	25102.5	10963.7	31868.7	ø 8/10.0'
0.77	2.93	191.4	12551.2	10963.7	15934.3	ø 8/20.0'
2.93	3.47	191.4	25102.5	10963.7	31868.7	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
205	Ft. 39	-104997.7	175	178	-658.8	
	Fc. 37	-113640.5	173	190	-764.4	
	ClsMax 37	-113640.5	173	190	-51.2	
	ClsMed 37	-113640.5	173	190	-49.3	
305	Ft. 39	-103147.7	-193	-161	-646.4	
	Fc. 37	-111790.5	-189	-172	-752.5	
	ClsMax 37	-111790.5	-189	-172	-50.5	
	ClsMed 37	-111790.5	-189	-172	-48.5	
Combinazioni Frequenti						
205	Ft. 42	-100915.2	175	173	-632.5	
	Fc. 40	-103796.2	175	177	-699.7	
	ClsMax 40	-103796.2	175	177	-46.9	
	ClsMed 40	-103796.2	175	177	-45.0	
305	Ft. 42	-99065.2	-195	-157	-620.0	
	Fc. 40	-101946.2	-194	-160	-688.0	
	ClsMax 40	-101946.2	-194	-160	-46.2	
	ClsMed 40	-101946.2	-194	-160	-44.2	
Combinazioni Quasi Permanenti						
205	Ft. 43	-100915.3	176	172	-632.5	
	Fc. 43	-100915.3	176	172	-680.7	
	ClsMax 43	-100915.3	176	172	-45.7	
	ClsMed 43	-100915.3	176	172	-43.8	
305	Ft. 43	-99065.3	-195	-156	-620.0	
	Fc. 43	-99065.3	-195	-156	-669.1	
	ClsMax 43	-99065.3	-195	-156	-44.9	
	ClsMed 43	-99065.3	-195	-156	-43.0	

Pilastro: 305/405 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
305	24	-62528.0	218	10309	0.47
405	24	-61048.0	-91	-11487	0.53

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	161.2	25102.5	5887.7	25102.5	ø 8/10.0'
0.77	2.93	161.2	12551.2	5887.7	12551.2	ø 8/20.0'
2.93	3.47	161.2	25102.5	5887.7	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

305	Ft. 39	-64934.9	162	55	-491.5
	Fc. 37	-69256.0	164	56	-565.1
	ClsMax 37	-69256.0	164	56	-37.9
	ClsMed 37	-69256.0	164	56	-36.3
405	Ft. 39	-63454.9	-70	-86	-485.5
	Fc. 37	-67776.0	-68	-87	-547.6
	ClsMax 37	-67776.0	-68	-87	-36.7
	ClsMed 37	-67776.0	-68	-87	-35.6

Combinazioni Frequenti

305	Ft. 42	-62293.2	160	58	-470.6
	Fc. 40	-63733.6	161	57	-521.5
	ClsMax 40	-63733.6	161	57	-35.0
	ClsMed 40	-63733.6	161	57	-33.4
405	Ft. 42	-60813.2	-71	-86	-464.6
	Fc. 40	-62253.6	-70	-85	-504.2
	ClsMax 40	-62253.6	-70	-85	-33.8
	ClsMed 40	-62253.6	-70	-85	-32.7

Combinazioni Quasi Permanenti

305	Ft. 43	-62293.3	160	57	-470.7
	Fc. 43	-62293.3	160	57	-510.1
	ClsMax 43	-62293.3	160	57	-34.3
	ClsMed 43	-62293.3	160	57	-32.7
405	Ft. 43	-60813.3	-71	-85	-464.6
	Fc. 43	-60813.3	-71	-85	-492.9
	ClsMax 43	-60813.3	-71	-85	-33.0
	ClsMed 43	-60813.3	-71	-85	-31.9

Pilastro: 405/505 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
405	1	-24261.2	229	-8277	0.42	
505	1	-22781.2	-445	9131	0.48	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	324.0	25102.5	4704.2	25102.5	ø 8/10.0'
0.77	2.93	324.0	12551.2	4704.2	12551.2	ø 8/20.0'
2.93	3.48	324.0	25102.5	4704.2	25102.5	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
405	Ft. 39	-25221.2	258	-104	-165.8	
	Fc. 38	-26182.3	259	-120	-240.4	
	ClsMax 38	-26182.3	259	-120	-16.5	
	ClsMed 38	-26182.3	259	-120	-13.7	
505	Ft. 39	-23741.2	-507	100	-131.8	
	Fc. 38	-24702.3	-509	116	-251.2	
	ClsMax 38	-24702.3	-509	116	-17.5	
	ClsMed 38	-24702.3	-509	116	-13.0	
Combinazioni Frequenti						
405	Ft. 40	-24019.9	256	-88	-157.8	
	Fc. 41	-24500.6	257	-97	-225.0	
	ClsMax 41	-24500.6	257	-97	-15.4	
	ClsMed 41	-24500.6	257	-97	-12.9	
505	Ft. 40	-22539.9	-505	85	-124.0	
	Fc. 41	-23020.6	-507	93	-235.6	
	ClsMax 41	-23020.6	-507	93	-16.4	
	ClsMed 41	-23020.6	-507	93	-12.1	
Combinazioni Quasi Permanenti						
405	Ft. 43	-24020.1	257	-89	-157.8	
	Fc. 43	-24020.1	257	-89	-220.4	
	ClsMax 43	-24020.1	257	-89	-15.1	
	ClsMed 43	-24020.1	257	-89	-12.6	
505	Ft. 43	-22540.1	-505	85	-123.9	
	Fc. 43	-22540.1	-505	85	-231.0	
	ClsMax 43	-22540.1	-505	85	-16.1	
	ClsMed 43	-22540.1	-505	85	-11.8	

Pilastro: 6/106 / L 4.75[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 79.2+ø 8/20.0' x 316.7+ø 8/10.0' x 79.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
6	36	-302147.3	439	-71	0.78	
106	36	-298647.3	-848	68	0.78	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	332.8	25102.5	6646.1	31868.7	ø 8/10.0'
0.79	3.96	332.8	12551.2	6646.1	15934.3	ø 8/20.0'
3.96	4.75	332.8	25102.5	6646.1	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
6	Ft. 39	-193272.0	312	-18	-1232.7	
	Fc. 37	-210563.8	313	-28	-1395.6	
	ClisMax 37	-210563.8	313	-28	-93.4	
	ClisMed 37	-210563.8	313	-28	-91.3	
106	Ft. 39	-190772.0	-607	21	-1193.8	
	Fc. 37	-208063.8	-606	30	-1401.7	
	ClisMax 37	-208063.8	-606	30	-94.0	
	ClisMed 37	-208063.8	-606	30	-90.3	

Combinazioni Frequenti						
6	Ft. 42	-186300.4	311	-14	-1187.6	
	Fc. 40	-192064.5	312	-18	-1274.5	
	ClisMax 40	-192064.5	312	-18	-85.3	
	ClisMed 40	-192064.5	312	-18	-83.3	
106	Ft. 42	-183800.4	-607	18	-1148.6	
	Fc. 40	-189564.5	-606	21	-1280.8	
	ClisMax 40	-189564.5	-606	21	-86.0	
	ClisMed 40	-189564.5	-606	21	-82.2	

Combinazioni Quasi Permanenti						
6	Ft. 43	-186300.5	311	-15	-1187.6	
	Fc. 43	-186300.5	311	-15	-1236.8	
	ClisMax 43	-186300.5	311	-15	-82.8	
	ClisMed 43	-186300.5	311	-15	-80.8	
106	Ft. 43	-183800.5	-607	18	-1148.6	
	Fc. 43	-183800.5	-607	18	-1243.2	
	ClisMax 43	-183800.5	-607	18	-83.5	
	ClisMed 43	-183800.5	-607	18	-79.7	

Pilastro: 106/206 / L 4.02[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 67.1+ø 8/20.0' x 268.3+ø 8/10.0' x 67.1

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
106	24	-144356.7	1116	26124	0.85	
206	24	-142106.7	-947	-24462	0.80	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	0.92	587.3	25102.5	11239.4	31868.7	ø 8/10.0'
0.92	3.60	587.3	12551.2	11239.4	15934.3	ø 8/20.0'
3.60	4.27	587.3	25102.5	11239.4	31868.7	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
106	Ft. 39	-149491.9	969	24	-897.5	
	Fc. 37	-162461.5	970	17	-1131.9	
	ClsMax 37	-162461.5	970	17	-76.4	
	ClsMed 37	-162461.5	970	17	-70.5	
206	Ft. 39	-147241.9	-913	-0	-888.5	
	Fc. 37	-160211.5	-914	8	-1112.5	
	ClsMax 37	-160211.5	-914	8	-75.1	
	ClsMed 37	-160211.5	-914	8	-69.5	
Combinazioni Frequenti						
106	Ft. 42	-143961.2	967	26	-861.5	
	Fc. 40	-148284.5	968	23	-1039.9	
	ClsMax 40	-148284.5	968	23	-70.3	
	ClsMed 40	-148284.5	968	23	-64.3	
206	Ft. 42	-141711.2	-911	-3	-852.5	
	Fc. 40	-146034.5	-911	0	-1019.5	
	ClsMax 40	-146034.5	-911	0	-68.8	
	ClsMed 40	-146034.5	-911	0	-63.3	
Combinazioni Quasi Permanenti						
106	Ft. 43	-143961.3	968	25	-861.5	
	Fc. 43	-143961.3	968	25	-1011.8	
	ClsMax 43	-143961.3	968	25	-68.4	
	ClsMed 43	-143961.3	968	25	-62.4	
206	Ft. 43	-141711.3	-911	-3	-852.6	
	Fc. 43	-141711.3	-911	-3	-991.5	
	ClsMax 43	-141711.3	-911	-3	-67.0	
	ClsMed 43	-141711.3	-911	-3	-61.5	

Pilastro: 206/306 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 o 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: o 8/10.0' x 54.2+o 8/20.0' x 216.7+o 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
206	24	-104121.5	1241	19407	0.63	
306	24	-102271.5	-1246	-21134	0.68	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	868.3	25102.5	10949.1	31868.7	ø 8/10.0'
0.77	2.93	868.3	12551.2	10949.1	15934.3	ø 8/20.0'
2.93	3.47	868.3	25102.5	10949.1	31868.7	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
206	Ft. 39	-107850.7	1073	167	-609.7	
	Fc. 37	-116497.9	1074	179	-850.9	
	ClsMax 37	-116497.9	1074	179	-57.9	
	ClsMed 37	-116497.9	1074	179	-50.5	
306	Ft. 39	-106000.7	-1119	-156	-594.9	
	Fc. 37	-114647.9	-1119	-166	-841.4	
	ClsMax 37	-114647.9	-1119	-166	-57.3	
	ClsMed 37	-114647.9	-1119	-166	-49.7	
Combinazioni Frequenti						
206	Ft. 42	-103761.5	1070	164	-583.6	
	Fc. 40	-106644.0	1071	167	-785.7	
	ClsMax 40	-106644.0	1071	167	-53.5	
	ClsMed 40	-106644.0	1071	167	-46.3	
306	Ft. 42	-101911.5	-1116	-152	-568.7	
	Fc. 40	-104794.0	-1116	-155	-776.4	
	ClsMax 40	-104794.0	-1116	-155	-52.9	
	ClsMed 40	-104794.0	-1116	-155	-45.5	
Combinazioni Quasi Permanenti						
206	Ft. 43	-103761.6	1070	163	-583.6	
	Fc. 43	-103761.6	1070	163	-766.7	
	ClsMax 43	-103761.6	1070	163	-52.2	
	ClsMed 43	-103761.6	1070	163	-45.0	
306	Ft. 43	-101911.6	-1116	-151	-568.8	
	Fc. 43	-101911.6	-1116	-151	-757.4	
	ClsMax 43	-101911.6	-1116	-151	-51.7	
	ClsMed 43	-101911.6	-1116	-151	-44.2	

Pilastro: 306/406 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
306	24	-64484.3	1012	10295	0.49
406	24	-63004.3	-885	-11467	0.53

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	697.4	25102.5	5878.4	25102.5	ø 8/10.0'
0.77	2.93	697.4	12551.2	5878.4	12551.2	ø 8/20.0'
2.93	3.47	697.4	25102.5	5878.4	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
306	Ft. 39	-66814.0	891	49	-440.8
	Fc. 37	-71138.5	894	48	-645.5
	ClsMax 37	-71138.5	894	48	-44.1
	ClsMed 37	-71138.5	894	48	-37.3
406	Ft. 39	-65334.0	-792	-72	-436.0
	Fc. 37	-69658.5	-791	-73	-626.7
	ClsMax 37	-69658.5	-791	-73	-42.8
	ClsMed 37	-69658.5	-791	-73	-36.6

Combinazioni Frequenti					
306	Ft. 42	-64166.8	886	52	-420.1
	Fc. 40	-65608.4	887	51	-601.5
	ClsMax 40	-65608.4	887	51	-41.2
	ClsMed 40	-65608.4	887	51	-34.4
406	Ft. 42	-62686.8	-790	-73	-415.3
	Fc. 40	-64128.4	-789	-72	-583.0
	ClsMax 40	-64128.4	-789	-72	-39.9
	ClsMed 40	-64128.4	-789	-72	-33.7

Combinazioni Quasi Permanenti					
306	Ft. 43	-64166.9	887	51	-420.2
	Fc. 43	-64166.9	887	51	-590.1
	ClsMax 43	-64166.9	887	51	-40.4
	ClsMed 43	-64166.9	887	51	-33.7
406	Ft. 43	-62686.9	-790	-72	-415.4
	Fc. 43	-62686.9	-790	-72	-571.6
	ClsMax 43	-62686.9	-790	-72	-39.1
	ClsMed 43	-62686.9	-790	-72	-32.9

Pilastro: 406/506 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
406	1	-25189.8	1129	-8285	0.43
506	1	-23709.8	-1626	9135	0.50

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	1174.8	25102.5	4707.3	25102.5	ø 8/10.0'
0.77	2.93	1174.8	12551.2	4707.3	12551.2	ø 8/20.0'
2.93	3.48	1174.8	25102.5	4707.3	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

406	Ft. 37	-26192.5	1259	-117	-81.5
	Fc. 38	-27151.9	1262	-132	-340.2
	ClsMax 38	-27151.9	1262	-132	-24.3
	ClsMed 38	-27151.9	1262	-132	-14.3
506	Ft. 37	-24712.5	-1824	105	-19.4
	Fc. 38	-25671.9	-1825	121	-378.6
	ClsMax 38	-25671.9	-1825	121	-27.5
	ClsMed 38	-25671.9	-1825	121	-13.5

Combinazioni Frequenti

406	Ft. 40	-24985.7	1248	-101	-74.4
	Fc. 41	-25465.9	1250	-108	-323.7
	ClsMax 41	-25465.9	1250	-108	-23.1
	ClsMed 41	-25465.9	1250	-108	-13.4
506	Ft. 40	-23505.7	-1803	90	-12.8
	Fc. 41	-23985.9	-1805	98	-361.6
	ClsMax 41	-23985.9	-1805	98	-26.3
	ClsMed 41	-23985.9	-1805	98	-12.8

Combinazioni Quasi Permanenti

406	Ft. 43	-24984.5	1247	-100	-74.5
	Fc. 43	-24984.5	1247	-100	-318.9
	ClsMax 43	-24984.5	1247	-100	-22.8
	ClsMed 43	-24984.5	1247	-100	-13.1
506	Ft. 43	-23504.5	-1801	90	-13.1
	Fc. 43	-23504.5	-1801	90	-356.7
	ClsMax 43	-23504.5	-1801	90	-26.0
	ClsMed 43	-23504.5	-1801	90	-12.7

Pilastro: 7/107 / L 4.75[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 79.2+ø 8/20.0' x 316.7+ø 8/10.0' x 79.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
7	36	-295443.3	134	-49	0.76	
107	36	-291943.3	-245	21	0.75	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	192.9	25102.5	6651.1	31868.7	ø 8/10.0'
0.79	3.96	192.9	12551.2	6651.1	15934.3	ø 8/20.0'
3.96	4.75	192.9	25102.5	6651.1	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
7	Ft. 39	-188490.3	95	-2	-1219.1	
	Fc. 37	-205780.3	96	-12	-1347.0	
	ClisMax 37	-205780.3	96	-12	-89.9	
	ClisMed 37	-205780.3	96	-12	-89.3	
107	Ft. 39	-185990.3	-177	-12	-1196.0	
	Fc. 37	-203280.3	-176	-3	-1336.2	
	ClisMax 37	-203280.3	-176	-3	-89.3	
	ClisMed 37	-203280.3	-176	-3	-88.2	

Combinazioni Frequenti						
7	Ft. 42	-181524.8	95	2	-1173.8	
	Fc. 40	-187288.1	95	-2	-1226.0	
	ClisMax 40	-187288.1	95	-2	-81.8	
	ClisMed 40	-187288.1	95	-2	-81.2	
107	Ft. 42	-179024.8	-177	-15	-1150.5	
	Fc. 40	-184788.1	-177	-12	-1216.5	
	ClisMax 40	-184788.1	-177	-12	-81.3	
	ClisMed 40	-184788.1	-177	-12	-80.2	

Combinazioni Quasi Permanenti						
7	Ft. 43	-181524.8	95	1	-1173.8	
	Fc. 43	-181524.8	95	1	-1188.4	
	ClisMax 43	-181524.8	95	1	-79.3	
	ClisMed 43	-181524.8	95	1	-78.7	
107	Ft. 43	-179024.8	-177	-15	-1150.5	
	Fc. 43	-179024.8	-177	-15	-1179.2	
	ClisMax 43	-179024.8	-177	-15	-78.8	
	ClisMed 43	-179024.8	-177	-15	-77.7	

Pilastro: 107/207 / L 4.02[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 67.1+ø 8/20.0' x 268.3+ø 8/10.0' x 67.1

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
107	24	-140257.3	381	26186	0.84	
207	1	-137985.1	-254	24461	0.79	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	0.92	182.1	25102.5	11257.8	31868.7	ø 8/10.0'
0.92	3.60	182.1	12551.2	11257.8	15934.3	ø 8/20.0'
3.60	4.27	182.1	25102.5	11257.8	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
107	Ft. 39	-145530.4	253	55	-924.2	
	Fc. 37	-158498.3	253	49	-1053.6	
	ClsMax 37	-158498.3	253	49	-70.5	
	ClsMed 37	-158498.3	253	49	-68.8	
207	Ft. 39	-143280.4	-203	-9	-916.2	
	Fc. 37	-156248.3	-203	-1	-1032.2	
	ClsMax 37	-156248.3	-203	-1	-69.0	
	ClsMed 37	-156248.3	-203	-1	-67.8	

Combinazioni Frequenti						
107	Ft. 42	-140005.7	252	57	-888.2	
	Fc. 40	-144328.4	253	55	-961.7	
	ClsMax 40	-144328.4	253	55	-64.4	
	ClsMed 40	-144328.4	253	55	-62.6	
207	Ft. 42	-137755.7	-203	-12	-880.2	
	Fc. 40	-142078.4	-203	-8	-940.4	
	ClsMax 40	-142078.4	-203	-8	-62.9	
	ClsMed 40	-142078.4	-203	-8	-61.6	

Combinazioni Quasi Permanenti						
107	Ft. 43	-140005.8	252	57	-888.2	
	Fc. 43	-140005.8	252	57	-933.7	
	ClsMax 43	-140005.8	252	57	-62.5	
	ClsMed 43	-140005.8	252	57	-60.7	
207	Ft. 43	-137755.8	-202	-11	-880.2	
	Fc. 43	-137755.8	-202	-11	-912.4	
	ClsMax 43	-137755.8	-202	-11	-61.0	
	ClsMed 43	-137755.8	-202	-11	-59.8	

Pilastro: 207/307 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
207	24	-101155.1	287	19398	0.62
307	24	-99305.1	-254	-21138	0.67

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	222.6	25102.5	10948.1	31868.7	ø 8/10.0'
0.77	2.93	222.6	12551.2	10948.1	15934.3	ø 8/20.0'
2.93	3.47	222.6	25102.5	10948.1	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

207	Ft. 39	-104963.1	193	161	-658.3
	Fc. 37	-113607.1	192	174	-764.7
	ClsMax 37	-113607.1	192	174	-51.3
	ClsMed 37	-113607.1	192	174	-49.3
307	Ft. 39	-103113.1	-215	-160	-644.6
	Fc. 37	-111757.1	-214	-171	-754.1
	ClsMax 37	-111757.1	-214	-171	-50.6
	ClsMed 37	-111757.1	-214	-171	-48.5

Combinazioni Frequenti

207	Ft. 42	-100880.1	192	156	-632.0
	Fc. 40	-103761.4	192	160	-699.7
	ClsMax 40	-103761.4	192	160	-46.9
	ClsMed 40	-103761.4	192	160	-45.0
307	Ft. 42	-99030.1	-216	-155	-618.3
	Fc. 40	-101911.4	-215	-158	-689.3
	ClsMax 40	-101911.4	-215	-158	-46.3
	ClsMed 40	-101911.4	-215	-158	-44.2

Combinazioni Quasi Permanenti

207	Ft. 43	-100880.1	192	155	-632.1
	Fc. 43	-100880.1	192	155	-680.7
	ClsMax 43	-100880.1	192	155	-45.7
	ClsMed 43	-100880.1	192	155	-43.8
307	Ft. 43	-99030.1	-216	-154	-618.3
	Fc. 43	-99030.1	-216	-154	-670.3
	ClsMax 43	-99030.1	-216	-154	-45.0
	ClsMed 43	-99030.1	-216	-154	-43.0

Pilastro: 307/407 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
307	24	-62519.0	204	10302	0.47
407	24	-61039.0	-122	-11472	0.53

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	138.1	25102.5	5881.6	25102.5	ø 8/10.0'
0.77	2.93	138.1	12551.2	5881.6	12551.2	ø 8/20.0'
2.93	3.47	138.1	25102.5	5881.6	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

307	Ft. 39	-64901.5	155	56	-491.8
	Fc. 37	-69222.7	156	57	-564.2
	ClMax 37	-69222.7	156	57	-37.9
	ClMed 37	-69222.7	156	57	-36.3
407	Ft. 39	-63421.5	-87	-81	-484.1
	Fc. 37	-67742.7	-87	-82	-548.6
	ClMax 37	-67742.7	-87	-82	-36.8
	ClMed 37	-67742.7	-87	-82	-35.6

Combinazioni Frequenti

307	Ft. 42	-62259.9	154	59	-470.9
	Fc. 40	-63700.3	154	58	-520.7
	ClMax 40	-63700.3	154	58	-35.0
	ClMed 40	-63700.3	154	58	-33.4
407	Ft. 42	-60779.9	-87	-81	-463.3
	Fc. 40	-62220.3	-87	-81	-505.0
	ClMax 40	-62220.3	-87	-81	-33.9
	ClMed 40	-62220.3	-87	-81	-32.7

Combinazioni Quasi Permanenti

307	Ft. 43	-62259.9	154	58	-471.0
	Fc. 43	-62259.9	154	58	-509.3
	ClMax 43	-62259.9	154	58	-34.2
	ClMed 43	-62259.9	154	58	-32.7
407	Ft. 43	-60779.9	-87	-80	-463.4
	Fc. 43	-60779.9	-87	-80	-493.6
	ClMax 43	-60779.9	-87	-80	-33.1
	ClMed 43	-60779.9	-87	-80	-31.9

Pilastro: 407/507 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
407	1	-24209.8	253	-8275	0.42
507	1	-22729.8	-466	9128	0.48

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	315.2	25102.5	4702.9	25102.5	ø 8/10.0'
0.77	2.93	315.2	12551.2	4702.9	12551.2	ø 8/20.0'
2.93	3.48	315.2	25102.5	4702.9	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
407	Ft. 37	-25180.1	279	-113	-162.7
	Fc. 38	-26142.6	280	-130	-242.9
	ClsMax 38	-26142.6	280	-130	-16.7
	ClsMed 38	-26142.6	280	-130	-13.7
507	Ft. 37	-23700.1	-536	110	-128.1
	Fc. 38	-24662.6	-538	125	-254.3
	ClsMax 38	-24662.6	-538	125	-17.7
	ClsMed 38	-24662.6	-538	125	-12.9

Combinazioni Frequenti					
407	Ft. 40	-23980.7	276	-98	-154.8
	Fc. 41	-24461.7	277	-106	-227.3
	ClsMax 41	-24461.7	277	-106	-15.6
	ClsMed 41	-24461.7	277	-106	-12.8
507	Ft. 40	-22500.7	-531	95	-120.4
	Fc. 41	-22981.7	-532	102	-238.5
	ClsMax 41	-22981.7	-532	102	-16.6
	ClsMed 41	-22981.7	-532	102	-12.1

Combinazioni Quasi Permanenti					
407	Ft. 43	-23981.3	276	-98	-154.8
	Fc. 43	-23981.3	276	-98	-222.8
	ClsMax 43	-23981.3	276	-98	-15.3
	ClsMed 43	-23981.3	276	-98	-12.6
507	Ft. 43	-22501.3	-531	95	-120.4
	Fc. 43	-22501.3	-531	95	-233.8
	ClsMax 43	-22501.3	-531	95	-16.3
	ClsMed 43	-22501.3	-531	95	-11.8

Pilastro: 8/108 / L 4.75[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 79.2+ø 8/20.0' x 316.7+ø 8/10.0' x 79.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
8	36	-302709.8	404	-187	0.78	
108	36	-299209.8	-807	304	0.78	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	384.4	25102.5	6677.8	31868.7	ø 8/10.0'
0.79	3.96	384.4	12551.2	6677.8	15934.3	ø 8/20.0'
3.96	4.75	384.4	25102.5	6677.8	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
8	Ft. 39	-193613.5	289	-101	-1231.5	
	Fc. 37	-210954.8	288	-110	-1401.4	
	ClsMax 37	-210954.8	288	-110	-93.8	
	ClsMed 37	-210954.8	288	-110	-91.5	
108	Ft. 39	-191113.5	-579	190	-1187.6	
	Fc. 37	-208454.8	-577	197	-1412.5	
	ClsMax 37	-208454.8	-577	197	-94.8	
	ClsMed 37	-208454.8	-577	197	-90.4	

Combinazioni Frequenti						
8	Ft. 42	-186620.6	289	-98	-1186.2	
	Fc. 40	-192401.1	289	-101	-1280.1	
	ClsMax 40	-192401.1	289	-101	-85.7	
	ClsMed 40	-192401.1	289	-101	-83.5	
108	Ft. 42	-184120.6	-580	188	-1142.2	
	Fc. 40	-189901.1	-579	190	-1291.5	
	ClsMax 40	-189901.1	-579	190	-86.8	
	ClsMed 40	-189901.1	-579	190	-82.4	

Combinazioni Quasi Permanenti						
8	Ft. 43	-186620.7	289	-98	-1186.2	
	Fc. 43	-186620.7	289	-98	-1242.3	
	ClsMax 43	-186620.7	289	-98	-83.2	
	ClsMed 43	-186620.7	289	-98	-81.0	
108	Ft. 43	-184120.7	-580	188	-1142.2	
	Fc. 43	-184120.7	-580	188	-1253.8	
	ClsMax 43	-184120.7	-580	188	-84.3	
	ClsMed 43	-184120.7	-580	188	-79.9	

Pilastro: 108/208 / L 4.02[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 67.1+ø 8/20.0' x 268.3+ø 8/10.0' x 67.1

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
108	24	-145231.5	1270	25954	0.85	
208	24	-142981.5	-958	-24516	0.81	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	0.92	651.4	25102.5	11255.7	31868.7	ø 8/10.0'
0.92	3.60	651.4	12551.2	11255.7	15934.3	ø 8/20.0'
3.60	4.27	651.4	25102.5	11255.7	31868.7	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
108	Ft. 39	-150398.8	921	-112	-901.5	
	Fc. 37	-163411.1	919	-117	-1140.5	
	ClsMax 37	-163411.1	919	-117	-77.0	
	ClsMed 37	-163411.1	919	-117	-70.9	
208	Ft. 39	-148148.8	-887	-15	-895.6	
	Fc. 37	-161161.1	-886	-6	-1116.3	
	ClsMax 37	-161161.1	-886	-6	-75.3	
	ClsMed 37	-161161.1	-886	-6	-69.9	
Combinazioni Frequenti						
108	Ft. 42	-144849.6	921	-111	-865.5	
	Fc. 40	-149187.1	920	-113	-1047.7	
	ClsMax 40	-149187.1	920	-113	-70.8	
	ClsMed 40	-149187.1	920	-113	-64.7	
208	Ft. 42	-142599.6	-886	-18	-859.4	
	Fc. 40	-146937.1	-885	-14	-1024.3	
	ClsMax 40	-146937.1	-885	-14	-69.1	
	ClsMed 40	-146937.1	-885	-14	-63.7	
Combinazioni Quasi Permanenti						
108	Ft. 43	-144849.7	921	-111	-865.5	
	Fc. 43	-144849.7	921	-111	-1019.5	
	ClsMax 43	-144849.7	921	-111	-68.9	
	ClsMed 43	-144849.7	921	-111	-62.8	
208	Ft. 43	-142599.7	-886	-17	-859.4	
	Fc. 43	-142599.7	-886	-17	-996.3	
	ClsMax 43	-142599.7	-886	-17	-67.3	
	ClsMed 43	-142599.7	-886	-17	-61.9	

Pilastro: 208/308 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 o 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
208	24	-104589.6	1272	19651	0.64
308	24	-102739.6	-1312	-21296	0.68

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	1008.9	25102.5	11058.9	31868.7	ø 8/10.0'
0.77	2.93	1008.9	12551.2	11058.9	15934.3	ø 8/20.0'
2.93	3.47	1008.9	25102.5	11058.9	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

208	Ft. 39	-108565.5	1042	331	-606.5
	Fc. 37	-117256.3	1041	343	-863.5
	ClisMax 37	-117256.3	1041	343	-58.8
	ClisMed 37	-117256.3	1041	343	-50.9
308	Ft. 39	-106715.5	-1086	-294	-593.5
	Fc. 37	-115406.3	-1084	-307	-852.5
	ClisMax 37	-115406.3	-1084	-307	-58.1
	ClisMed 37	-115406.3	-1084	-307	-50.1

Combinazioni Frequenti

208	Ft. 42	-104457.9	1041	327	-580.2
	Fc. 40	-107354.9	1040	330	-798.2
	ClisMax 40	-107354.9	1040	330	-54.4
	ClisMed 40	-107354.9	1040	330	-46.6
308	Ft. 42	-102607.9	-1084	-289	-567.2
	Fc. 40	-105504.9	-1083	-292	-787.0
	ClisMax 40	-105504.9	-1083	-292	-53.7
	ClisMed 40	-105504.9	-1083	-292	-45.8

Combinazioni Quasi Permanenti

208	Ft. 43	-104457.9	1041	326	-580.2
	Fc. 43	-104457.9	1041	326	-779.1
	ClisMax 43	-104457.9	1041	326	-53.1
	ClisMed 43	-104457.9	1041	326	-45.3
308	Ft. 43	-102607.9	-1084	-288	-567.3
	Fc. 43	-102607.9	-1084	-288	-768.0
	ClisMax 43	-102607.9	-1084	-288	-52.4
	ClisMed 43	-102607.9	-1084	-288	-44.5

Pilastro: 308/408 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
308	24	-64840.5	1017	10357	0.49
408	24	-63360.5	-1016	-11543	0.54

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	780.7	25102.5	5915.7	25102.5	ø 8/10.0'
0.77	2.93	780.7	12551.2	5915.7	12551.2	ø 8/20.0'
2.93	3.47	780.7	25102.5	5915.7	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
308	Ft. 39	-67355.5	863	127	-440.4
	Fc. 37	-71714.6	864	130	-654.7
	ClsMax 37	-71714.6	864	130	-44.8
	ClsMed 37	-71714.6	864	130	-37.6
408	Ft. 39	-65875.5	-819	-171	-428.8
	Fc. 37	-70234.6	-821	-175	-643.2
	ClsMax 37	-70234.6	-821	-175	-44.0
	ClsMed 37	-70234.6	-821	-175	-36.9

Combinazioni Frequenti					
308	Ft. 42	-64693.8	860	129	-419.7
	Fc. 40	-66146.9	860	129	-610.4
	ClsMax 40	-66146.9	860	129	-41.8
	ClsMed 40	-66146.9	860	129	-34.7
408	Ft. 42	-63213.8	-815	-170	-408.3
	Fc. 40	-64666.9	-816	-171	-598.5
	ClsMax 40	-64666.9	-816	-171	-41.0
	ClsMed 40	-64666.9	-816	-171	-33.9

Combinazioni Quasi Permanenti					
308	Ft. 43	-64693.9	860	128	-419.7
	Fc. 43	-64693.9	860	128	-598.9
	ClsMax 43	-64693.9	860	128	-41.1
	ClsMed 43	-64693.9	860	128	-34.0
408	Ft. 43	-63213.9	-815	-169	-408.4
	Fc. 43	-63213.9	-815	-169	-586.9
	ClsMax 43	-63213.9	-815	-169	-40.3
	ClsMed 43	-63213.9	-815	-169	-33.2

Pilastro: 408/508 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
408	24	-25394.2	1361	8185	0.43
508	24	-23914.2	-2031	-9074	0.51

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	1250.9	25102.5	4663.9	25102.5	ø 8/10.0'
0.77	2.93	1250.9	12551.2	4663.9	12551.2	ø 8/20.0'
2.93	3.48	1250.9	25102.5	4663.9	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
408	Ft. 37	-26483.6	1203	35	-96.2
	Fc. 38	-27424.3	1209	14	-326.8
	ClMax 38	-27424.3	1209	14	-23.2
	ClMed 38	-27424.3	1209	14	-14.4
508	Ft. 37	-25003.6	-1650	-78	-40.2
	Fc. 38	-25944.3	-1662	-53	-359.7
	ClMax 38	-25944.3	-1662	-53	-26.0
	ClMed 38	-25944.3	-1662	-53	-13.6

Combinazioni Frequenti					
408	Ft. 42	-25249.0	1197	44	-86.3
	Fc. 41	-25730.8	1200	34	-314.4
	ClMax 41	-25730.8	1200	34	-22.4
	ClMed 41	-25730.8	1200	34	-13.5
508	Ft. 42	-23769.0	-1644	-82	-30.7
	Fc. 41	-24250.8	-1648	-72	-346.9
	ClMax 41	-24250.8	-1648	-72	-25.1
	ClMed 41	-24250.8	-1648	-72	-12.7

Combinazioni Quasi Permanenti					
408	Ft. 43	-25249.0	1197	42	-86.5
	Fc. 43	-25249.0	1197	42	-311.0
	ClMax 43	-25249.0	1197	42	-22.2
	ClMed 43	-25249.0	1197	42	-13.3
508	Ft. 43	-23769.0	-1644	-80	-30.9
	Fc. 43	-23769.0	-1644	-80	-343.4
	ClMax 43	-23769.0	-1644	-80	-24.9
	ClMed 43	-23769.0	-1644	-80	-12.5

Pilastro: 9/109 / L 4.75[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 79.2+ø 8/20.0' x 316.7+ø 8/10.0' x 79.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
9	24	-194491.9	643	19854	0.80	
109	36	-301156.6	56	-1939	0.79	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	339.7	25102.5	7271.7	31868.7	ø 8/10.0'
0.79	3.96	339.7	12551.2	7271.7	15934.3	ø 8/20.0'
3.96	4.75	339.7	25102.5	7271.7	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
9	Ft. 39	-195385.9	-12	692	-1227.3	
	Fe. 37	-212402.9	-19	668	-1425.0	
	ClsMax 37	-212402.9	-19	668	-95.4	
	ClsMed 37	-212402.9	-19	668	-92.1	
109	Ft. 39	-192885.9	22	-1428	-1164.5	
	Fe. 37	-209902.9	36	-1393	-1455.1	
	ClsMax 37	-209902.9	36	-1393	-97.9	
	ClsMed 37	-209902.9	36	-1393	-91.0	

Combinazioni Frequenti						
9	Ft. 42	-188546.4	-10	701	-1182.4	
	Fe. 40	-194218.5	-12	693	-1307.7	
	ClsMax 40	-194218.5	-12	693	-87.6	
	ClsMed 40	-194218.5	-12	693	-84.2	
109	Ft. 42	-186046.4	16	-1443	-1119.5	
	Fe. 40	-191718.5	21	-1431	-1338.0	
	ClsMax 40	-191718.5	21	-1431	-90.1	
	ClsMed 40	-191718.5	21	-1431	-83.2	

Combinazioni Quasi Permanenti						
9	Ft. 43	-188546.2	-10	701	-1182.5	
	Fe. 43	-188546.2	-10	701	-1271.1	
	ClsMax 43	-188546.2	-10	701	-85.2	
	ClsMed 43	-188546.2	-10	701	-81.8	
109	Ft. 43	-186046.2	16	-1443	-1119.5	
	Fe. 43	-186046.2	16	-1443	-1301.5	
	ClsMax 43	-186046.2	16	-1443	-87.7	
	ClsMed 43	-186046.2	16	-1443	-80.7	

Pilastro: 109/209 / L 4.02[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 67.1+ø 8/20.0' x 268.3+ø 8/10.0' x 67.1

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
109	24	-140873.0	469	28233	0.89
209	24	-138623.0	-61	-25072	0.81

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	0.92	399.6	25102.5	11843.8	31868.7	ø 8/10.0'
0.92	3.60	399.6	12551.2	11843.8	15934.3	ø 8/20.0'
3.60	4.27	399.6	25102.5	11843.8	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
109	Ft. 39	-141948.5	-53	1367	-834.5
	Fc. 37	-154672.3	-74	1321	-1094.2
	ClsMax 37	-154672.3	-74	1321	-73.8
	ClsMed 37	-154672.3	-74	1321	-67.1
209	Ft. 39	-139698.5	56	-250	-889.2
	Fc. 37	-152422.3	75	-206	-1010.2
	ClsMax 37	-152422.3	75	-206	-67.5
	ClsMed 37	-152422.3	75	-206	-66.1

Combinazioni Frequenti					
109	Ft. 42	-136536.1	-45	1388	-798.6
	Fc. 40	-140777.1	-52	1372	-1005.3
	ClsMax 40	-140777.1	-52	1372	-67.9
	ClsMed 40	-140777.1	-52	1372	-61.1
209	Ft. 42	-134286.1	48	-271	-853.2
	Fc. 40	-138527.1	55	-255	-921.4
	ClsMax 40	-138527.1	55	-255	-61.6
	ClsMed 40	-138527.1	55	-255	-60.1

Combinazioni Quasi Permanenti					
109	Ft. 43	-136535.8	-45	1387	-798.7
	Fc. 43	-136535.8	-45	1387	-978.1
	ClsMax 43	-136535.8	-45	1387	-66.1
	ClsMed 43	-136535.8	-45	1387	-59.2
209	Ft. 43	-134285.8	48	-270	-853.3
	Fc. 43	-134285.8	48	-270	-894.2
	ClsMax 43	-134285.8	48	-270	-59.8
	ClsMed 43	-134285.8	48	-270	-58.2

Pilastro: 209/309 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
209	1	-93903.4	-365	-20446	0.65	
309	1	-92053.4	352	22678	0.73	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	526.9	25102.5	11646.8	31868.7	ø 8/10.0'
0.77	2.93	526.9	12551.2	11646.8	15934.3	ø 8/20.0'
2.93	3.47	526.9	25102.5	11646.8	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
209	Ft. 39	-101833.2	-119	-819	-602.6	
	Fc. 37	-110236.9	-143	-868	-782.2	
	ClsMax 37	-110236.9	-143	-868	-52.8	
	ClsMed 37	-110236.9	-143	-868	-47.8	
309	Ft. 39	-99983.2	131	873	-586.3	
	Fc. 37	-108386.9	156	949	-776.2	
	ClsMax 37	-108386.9	156	949	-52.5	
	ClsMed 37	-108386.9	156	949	-47.0	

Combinazioni Frequenti						
209	Ft. 42	-97854.4	-110	-794	-579.0	
	Fc. 40	-100655.4	-117	-811	-714.3	
	ClsMax 40	-100655.4	-117	-811	-48.2	
	ClsMed 40	-100655.4	-117	-811	-43.7	
309	Ft. 42	-96004.4	121	838	-563.3	
	Fc. 40	-98805.4	129	865	-706.5	
	ClsMax 40	-98805.4	129	865	-47.8	
	ClsMed 40	-98805.4	129	865	-42.9	

Combinazioni Quasi Permanenti						
209	Ft. 43	-97854.2	-109	-794	-578.9	
	Fc. 43	-97854.2	-109	-794	-694.5	
	ClsMax 43	-97854.2	-109	-794	-46.9	
	ClsMed 43	-97854.2	-109	-794	-42.4	
309	Ft. 43	-96004.2	121	839	-563.3	
	Fc. 43	-96004.2	121	839	-686.1	
	ClsMax 43	-96004.2	121	839	-46.4	
	ClsMed 43	-96004.2	121	839	-41.6	

Pilastro: 309/409 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
309	1	-57400.3	-274	-11605	0.54
409	1	-55920.3	260	12968	0.61

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	358.5	25102.5	6638.6	25102.5	ø 8/10.0'
0.77	2.93	358.5	12551.2	6638.6	12551.2	ø 8/20.0'
2.93	3.47	358.5	25102.5	6638.6	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

309	Ft. 39	-62706.4	-121	-627	-425.9
	Fc. 37	-66856.6	-140	-691	-601.6
	ClsMax 37	-66856.6	-140	-691	-41.1
	ClsMed 37	-66856.6	-140	-691	-35.1
409	Ft. 39	-61226.4	106	728	-406.4
	Fc. 37	-65376.6	120	797	-597.8
	ClsMax 37	-65376.6	120	797	-40.9
	ClsMed 37	-65376.6	120	797	-34.3

Combinazioni Frequenti

309	Ft. 42	-60137.0	-113	-595	-409.2
	Fc. 40	-61520.2	-120	-618	-551.1
	ClsMax 40	-61520.2	-120	-618	-37.6
	ClsMed 40	-61520.2	-120	-618	-32.3
409	Ft. 42	-58657.0	100	694	-389.8
	Fc. 40	-60040.2	105	718	-547.3
	ClsMax 40	-60040.2	105	718	-37.4
	ClsMed 40	-60040.2	105	718	-31.5

Combinazioni Quasi Permanenti

309	Ft. 43	-60136.8	-113	-596	-409.1
	Fc. 43	-60136.8	-113	-596	-537.8
	ClsMax 43	-60136.8	-113	-596	-36.7
	ClsMed 43	-60136.8	-113	-596	-31.6
409	Ft. 43	-58656.8	100	695	-389.7
	Fc. 43	-58656.8	100	695	-533.9
	ClsMax 43	-58656.8	100	695	-36.5
	ClsMed 43	-58656.8	100	695	-30.8

Pilastro: 409/509 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
409	1	-22013.0	-348	-10287	0.56
509	1	-20533.0	583	11308	0.64

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	682.9	25102.5	5836.0	25102.5	ø 8/10.0'
0.77	2.93	682.9	12551.2	5836.0	12551.2	ø 8/20.0'
2.93	3.48	682.9	25102.5	5836.0	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
409	Ft. 37	-24106.7	-213	-1237	-58.4
	Fc. 37	-24106.7	-213	-1237	-321.2
	ClsMax 37	-24106.7	-213	-1237	-23.1
	ClsMed 38	-25156.0	-185	-1170	-13.2
509	Ft. 37	-22626.7	313	1357	-26.8
	Fc. 37	-22626.7	313	1357	-329.5
	ClsMax 37	-22626.7	313	1357	-23.9
	ClsMed 38	-23676.0	268	1274	-12.4

Combinazioni Frequenti					
409	Ft. 40	-22996.1	-179	-1120	-63.2
	Fc. 41	-23505.9	-171	-1102	-300.4
	ClsMax 41	-23505.9	-171	-1102	-21.5
	ClsMed 41	-23505.9	-171	-1102	-12.3
509	Ft. 40	-21516.1	257	1227	-34.9
	Fc. 41	-22025.9	243	1203	-304.5
	ClsMax 40	-21516.1	257	1227	-22.0
	ClsMed 41	-22025.9	243	1203	-11.6

Combinazioni Quasi Permanenti					
409	Ft. 43	-23025.9	-169	-1090	-67.1
	Fc. 43	-23025.9	-169	-1090	-295.4
	ClsMax 43	-23025.9	-169	-1090	-21.1
	ClsMed 43	-23025.9	-169	-1090	-12.1
509	Ft. 43	-21545.9	240	1192	-39.8
	Fc. 43	-21545.9	240	1192	-299.4
	ClsMax 43	-21545.9	240	1192	-21.6
	ClsMed 43	-21545.9	240	1192	-11.3

Pilastro: 10/110 / L 4.75[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 79.2+ø 8/20.0' x 316.7+ø 8/10.0' x 79.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
10	24	-168494.4	881	16332	0.68
110	36	-212455.0	1247	3410	0.59

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	1421.6	25102.5	6376.4	31868.7	ø 8/10.0'
0.79	3.96	1421.6	12551.2	6376.4	15934.3	ø 8/20.0'
3.96	4.75	1421.6	25102.5	6376.4	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
10	Ft. 39	-139441.6	-385	-1055	-812.4	
	Fc. 37	-150632.4	-431	-1126	-1083.0	
	ClMax 37	-150632.4	-431	-1126	-73.3	
	ClMed 37	-150632.4	-431	-1126	-65.3	
110	Ft. 39	-136941.6	767	2137	-699.7	
	Fc. 37	-148132.4	861	2272	-1170.7	
	ClMax 37	-148132.4	861	2272	-80.3	
	ClMed 37	-148132.4	861	2272	-64.3	

Combinazioni Frequenti						
10	Ft. 42	-135011.0	-367	-1028	-786.6	
	Fc. 40	-138741.8	-382	-1052	-997.3	
	ClMax 40	-138741.8	-382	-1052	-67.5	
	ClMed 40	-138741.8	-382	-1052	-60.2	
110	Ft. 42	-132511.0	730	2087	-676.8	
	Fc. 40	-136241.8	761	2132	-1077.0	
	ClMax 40	-136241.8	761	2132	-73.8	
	ClMed 40	-136241.8	761	2132	-59.1	

Combinazioni Quasi Permanenti						
10	Ft. 43	-135011.5	-367	-1028	-786.6	
	Fc. 43	-135011.5	-367	-1028	-970.3	
	ClMax 43	-135011.5	-367	-1028	-65.7	
	ClMed 43	-135011.5	-367	-1028	-58.6	
110	Ft. 43	-132511.5	730	2087	-676.8	
	Fc. 43	-132511.5	730	2087	-1047.6	
	ClMax 43	-132511.5	730	2087	-71.8	
	ClMed 43	-132511.5	730	2087	-57.5	

Pilastro: 110/210 / L 4.02[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1φ22 x 4 V + 1φ22 x 2 B + 1φ22 x 2 H >

Staffe: ø 8/10.0' x 67.1+ø 8/25.0' x 268.3+ø 8/10.0' x 67.1

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
110	1	-51046.7	-3508	-27519	0.85	
210	1	-48796.7	3087	28989	0.90	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	0.92	3062.7	25102.5	12555.2	31868.7	ø 8/10.0'
0.92	3.60	3062.7	10041.0	12555.2	12747.5	ø 8/25.0'
3.60	4.27	3062.7	25102.5	12555.2	31868.7	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
110	Ft. 39	-89444.2	-1391	-3693	-242.6	
	Fc. 37	-96921.1	-1557	-4019	-925.3	
	ClsMax 37	-96921.1	-1557	-4019	-65.5	
	ClsMed 37	-96921.1	-1557	-4019	-39.5	
210	Ft. 39	-87194.2	1492	3963	-206.7	
	Fc. 37	-94671.1	1667	4410	-941.1	
	ClsMax 37	-94671.1	1667	4410	-66.9	
	ClsMed 37	-94671.1	1667	4410	-38.5	
Combinazioni Frequenti						
110	Ft. 42	-86227.2	-1326	-3572	-234.3	
	Fc. 40	-88719.5	-1381	-3682	-844.1	
	ClsMax 40	-88719.5	-1381	-3682	-59.7	
	ClsMed 40	-88719.5	-1381	-3682	-36.1	
210	Ft. 42	-83977.2	1422	3800	-201.1	
	Fc. 40	-86469.5	1480	3949	-852.3	
	ClsMax 40	-86469.5	1480	3949	-60.5	
	ClsMed 40	-86469.5	1480	3949	-35.2	
Combinazioni Quasi Permanenti						
110	Ft. 43	-86227.2	-1326	-3573	-234.3	
	Fc. 43	-86227.2	-1326	-3573	-818.9	
	ClsMax 43	-86227.2	-1326	-3573	-58.0	
	ClsMed 43	-86227.2	-1326	-3573	-35.1	
210	Ft. 43	-83977.2	1422	3800	-201.1	
	Fc. 43	-83977.2	1422	3800	-824.6	
	ClsMax 43	-83977.2	1422	3800	-58.6	
	ClsMed 43	-83977.2	1422	3800	-34.2	

Pilastro: 210/310 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 20 Af=25.13 [cm²] < 1φ20 x 4 V + 1φ20 x 2 B + 1φ20 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
210	1	-40450.8	-3791	-25314	0.95
310	1	-38600.8	3985	24379	0.92

Verifiche a Taglio					
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Staffe
0.23	0.77	4934.0	25102.5	13425.2	ø 8/10.0'
0.77	2.93	4934.0	12551.2	13425.2	ø 8/20.0'
2.93	3.47	4934.0	25102.5	13425.2	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
210	Ft. 37	-69754.3	-2426	-5143	45.0
	Fc. 37	-69754.3	-2426	-5143	-923.5
	ClSMax 37	-69754.3	-2426	-5143	-67.0
	ClSMed 37	-69754.3	-2426	-5143	-30.2
310	Ft. 37	-67904.3	2676	4763	53.2
	Fc. 37	-67904.3	2676	4763	-908.0
	ClSMax 37	-67904.3	2676	4763	-66.0
	ClSMed 37	-67904.3	2676	4763	-29.5

Combinazioni Frequenti					
210	Ft. 40	-63913.5	-2168	-4549	26.1
	Fc. 40	-63913.5	-2168	-4549	-831.6
	ClSMax 40	-63913.5	-2168	-4549	-60.3
	ClSMed 40	-63913.5	-2168	-4549	-27.5
310	Ft. 40	-62063.5	2401	4246	37.8
	Fc. 40	-62063.5	2401	4246	-819.5
	ClSMax 40	-62063.5	2401	4246	-59.5
	ClSMed 40	-62063.5	2401	4246	-26.8

Combinazioni Quasi Permanenti					
210	Ft. 43	-62227.5	-2089	-4357	19.0
	Fc. 43	-62227.5	-2089	-4357	-803.5
	ClSMax 43	-62227.5	-2089	-4357	-58.2
	ClSMed 43	-62227.5	-2089	-4357	-26.7
310	Ft. 43	-60377.5	2317	4080	31.9
	Fc. 43	-60377.5	2317	4080	-792.6
	ClSMax 43	-60377.5	2317	4080	-57.5
	ClSMed 43	-60377.5	2317	4080	-26.0

Pilastro: 310/410 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 o 20 Af=25.13 [cm²] < 1φ20 x 4 V + 1φ20 x 2 B + 1φ20 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
310	1	-23724.6	-4280	-19680	0.81	
410	1	-21874.6	4115	21041	0.88	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	5023.8	25102.5	10995.8	31868.7	ø 8/10.0'
0.77	2.93	5023.8	12551.2	10995.8	15934.3	ø 8/20.0'
2.93	3.47	5023.8	25102.5	10995.8	31868.7	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
310	Ft. 37	-40701.1	-2939	-4557	331.4	
	Fc. 37	-40701.1	-2939	-4557	-794.0	
	ClsMax 37	-40701.1	-2939	-4557	-59.4	
	ClsMed 37	-40701.1	-2939	-4557	-22.2	
410	Ft. 37	-38851.1	2897	4602	358.7	
	Fc. 37	-38851.1	2897	4602	-789.1	
	ClsMax 37	-38851.1	2897	4602	-59.2	
	ClsMed 37	-38851.1	2897	4602	-21.8	
Combinazioni Frequenti						
310	Ft. 40	-37761.4	-2651	-4078	280.2	
	Fc. 40	-37761.4	-2651	-4078	-716.1	
	ClsMax 40	-37761.4	-2651	-4078	-53.5	
	ClsMed 40	-37761.4	-2651	-4078	-20.1	
410	Ft. 40	-35911.4	2618	4106	305.6	
	Fc. 40	-35911.4	2618	4106	-710.4	
	ClsMax 40	-35911.4	2618	4106	-53.2	
	ClsMed 40	-35911.4	2618	4106	-19.8	
Combinazioni Quasi Permanenti						
310	Ft. 43	-37070.0	-2563	-3926	261.5	
	Fc. 43	-37070.0	-2563	-3926	-692.7	
	ClsMax 43	-37070.0	-2563	-3926	-51.7	
	ClsMed 43	-37070.0	-2563	-3926	-19.5	
410	Ft. 43	-35220.0	2534	3948	285.9	
	Fc. 43	-35220.0	2534	3948	-686.4	
	ClsMax 43	-35220.0	2534	3948	-51.3	
	ClsMed 43	-35220.0	2534	3948	-19.2	

Pilastro: 410/510 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ϕ 22 Af=30.41 [cm²] < 1 ϕ 22 x 4 V + 1 ϕ 22 x 2 B + 1 ϕ 22 x 2 H >

Staffe: ϕ 8/10.0' x 54.2+ ϕ 8/25.0' x 216.7+ ϕ 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
410	9	569.3	-10893	-12218	0.76
510	9	2419.3	14051	13502	0.94

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	6967.2	25102.5	8757.8	31868.7	ϕ 8/10.0'
0.77	2.93	6967.2	10041.0	8757.8	12747.5	ϕ 8/25.0'
2.93	3.48	6967.2	25102.5	8757.8	31868.7	ϕ 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm ²]
------	------	-----------	-------------	-------------	-----------------------------------

Combinazioni Rare

410	Ft. 37	-12587.6	-3821	-5228	1201.8
	Fc. 37	-12587.6	-3821	-5228	-871.5
	ClsMax 37	-12587.6	-3821	-5228	-70.5
	ClsMed 37	-12587.6	-3821	-5228	-23.5
510	Ft. 37	-10737.6	4792	5397	1496.0
	Fc. 37	-10737.6	4792	5397	-985.3
	ClsMax 37	-10737.6	4792	5397	-80.8
	ClsMed 37	-10737.6	4792	5397	-26.9

Combinazioni Frequenti

410	Ft. 40	-12456.2	-3447	-4689	1042.7
	Fc. 40	-12456.2	-3447	-4689	-785.1
	ClsMax 40	-12456.2	-3447	-4689	-63.3
	ClsMed 40	-12456.2	-3447	-4689	-21.1
510	Ft. 40	-10606.2	4312	4868	1315.0
	Fc. 40	-10606.2	4312	4868	-889.2
	ClsMax 40	-10606.2	4312	4868	-72.7
	ClsMed 40	-10606.2	4312	4868	-24.2

Combinazioni Quasi Permanenti

410	Ft. 43	-12744.8	-3336	-4538	986.4
	Fc. 43	-12744.8	-3336	-4538	-760.5
	ClsMax 43	-12744.8	-3336	-4538	-61.2
	ClsMed 43	-12744.8	-3336	-4538	-20.4
510	Ft. 43	-10894.8	4173	4731	1253.7
	Fc. 43	-10894.8	4173	4731	-863.3
	ClsMax 43	-10894.8	4173	4731	-70.4
	ClsMed 43	-10894.8	4173	4731	-23.5

Pilastro: 12/112 / L 4.75[m] / Sezione 3 B 60 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1φ22 x 4 V + 1φ22 x 2 B + 1φ22 x 2 H >

Staffe: ø 8/12.5' x 79.2+ø 8/25.0' x 316.7+ø 8/12.5' x 79.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
12	22	-273089.8	-5159	33428	0.76	
112	36	-333281.7	9337	-7681	0.67	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	3697.2	25494.9	10821.4	30907.9	ø 8/12.5'
0.79	3.96	3697.2	12747.5	10821.4	15453.9	ø 8/25.0'
3.96	4.75	3697.2	25494.9	10821.4	30907.9	ø 8/12.5'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
12	Ft. 39	-222859.5	-3049	1566	-786.6	
	Fc. 37	-237483.4	-3034	2045	-1227.4	
	Cl _s Max 37	-237483.4	-3034	2045	-83.8	
	Cl _s Med 37	-237483.4	-3034	2045	-68.7	
112	Ft. 39	-219109.6	6398	-3193	-575.2	
	Fc. 37	-233733.4	6388	-4199	-1424.9	
	Cl _s Max 37	-233733.4	6388	-4199	-99.0	
	Cl _s Med 37	-233733.4	6388	-4199	-67.6	
Combinazioni Frequenti						
12	Ft. 42	-216955.9	-3055	1404	-766.4	
	Fc. 40	-221830.4	-3049	1563	-1143.3	
	Cl _s Max 40	-221830.4	-3049	1563	-78.0	
	Cl _s Med 40	-221830.4	-3049	1563	-64.2	
112	Ft. 42	-213205.9	6402	-2852	-561.3	
	Fc. 40	-218080.4	6398	-3188	-1322.1	
	Cl _s Max 40	-218080.4	6398	-3188	-91.9	
	Cl _s Med 40	-218080.4	6398	-3188	-63.1	
Combinazioni Quasi Permanenti						
12	Ft. 43	-216955.8	-3054	1404	-766.4	
	Fc. 43	-216955.8	-3054	1404	-1116.8	
	Cl _s Max 43	-216955.8	-3054	1404	-76.2	
	Cl _s Med 43	-216955.8	-3054	1404	-62.8	
112	Ft. 43	-213205.8	6402	-2852	-561.3	
	Fc. 43	-213205.8	6402	-2852	-1289.3	
	Cl _s Max 43	-213205.8	6402	-2852	-89.6	
	Cl _s Med 43	-213205.8	6402	-2852	-61.7	

Pilastro: 112/212 / L 4.02[m] / Sezione 7 B 50 [cm]H 50 [cm]

Af: 8 ø 20 Af=25.13 [cm²] < 1φ20 x 4 V + 1φ20 x 2 B + 1φ20 x 2 H >

Staffe: ø 8/12.5' x 67.1+ø 8/20.0' x 268.3+ø 8/12.5' x 67.1

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
112	22	-201026.5	-6926	24533	0.77
212	24	-198289.5	-383	-26681	0.76

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	0.92	3445.3	25494.9	11514.1	25494.9	ø 8/12.5'
0.92	3.60	3445.3	15934.3	11514.1	15934.3	ø 8/20.0'
3.60	4.27	3445.3	25494.9	11514.1	25494.9	ø 8/12.5'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

112	Ft. 39	-165578.7	-4576	4146	-429.2
	Fc. 37	-176692.5	-4550	5116	-1402.3
	ClSMax 37	-176692.5	-4550	5116	-98.4
	ClSMed 37	-176692.5	-4550	5116	-61.4
212	Ft. 39	-162766.2	324	-5127	-577.3
	Fc. 37	-173880.0	304	-6082	-1224.4
	ClSMax 37	-173880.0	304	-6082	-84.8
	ClSMed 37	-173880.0	304	-6082	-60.4

Combinazioni Frequenti

112	Ft. 42	-160849.7	-4587	3818	-420.3
	Fc. 40	-164554.3	-4577	4141	-1291.9
	ClSMax 40	-164554.3	-4577	4141	-90.5
	ClSMed 40	-164554.3	-4577	4141	-57.2
212	Ft. 42	-158037.2	332	-4805	-568.3
	Fc. 40	-161741.8	325	-5122	-1114.4
	ClSMax 40	-161741.8	325	-5122	-77.0
	ClSMed 40	-161741.8	325	-5122	-56.2

Combinazioni Quasi Permanenti

112	Ft. 43	-160849.7	-4586	3817	-420.4
	Fc. 43	-160849.7	-4586	3817	-1256.9
	ClSMax 43	-160849.7	-4586	3817	-88.0
	ClSMed 43	-160849.7	-4586	3817	-55.9
212	Ft. 43	-158037.2	332	-4804	-568.3
	Fc. 43	-158037.2	332	-4804	-1079.6
	ClSMax 43	-158037.2	332	-4804	-74.6
	ClSMed 43	-158037.2	332	-4804	-54.9

Pilastro: 212/312 / L 3.25[m] / Sezione 7 B 50 [cm]H 50 [cm]

Af: 8 ø 20 Af=25.13 [cm²] < 1φ20 x 4 V + 1φ20 x 2 B + 1φ20 x 2 H >

Staffe: ø 8/12.5' x 54.2+ø 8/20.0' x 216.7+ø 8/12.5' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
212	24	-142950.9	2163	21971	0.61
312	22	-140654.0	4591	-22325	0.63

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	3571.1	25494.9	12121.5	25494.9	ø 8/12.5'
0.77	2.93	3571.1	15934.3	12121.5	15934.3	ø 8/20.0'
2.93	3.47	3571.1	25494.9	12121.5	25494.9	ø 8/12.5'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
212	Ft. 37	-129960.4	1071	8287	-211.8
	Fc. 37	-129960.4	1071	8287	-1143.4
	ClSMax 37	-129960.4	1071	8287	-80.9
	ClSMed 37	-129960.4	1071	8287	-45.2
312	Ft. 37	-127647.9	2707	-7822	-141.5
	Fc. 37	-127647.9	2707	-7822	-1189.6
	ClSMax 37	-127647.9	2707	-7822	-84.6
	ClSMed 37	-127647.9	2707	-7822	-44.4

Combinazioni Frequenti					
212	Ft. 40	-121376.2	1047	7143	-225.2
	Fc. 40	-121376.2	1047	7143	-1040.5
	ClSMax 40	-121376.2	1047	7143	-73.5
	ClSMed 40	-121376.2	1047	7143	-42.2
312	Ft. 40	-119063.7	2722	-6706	-151.5
	Fc. 40	-119063.7	2722	-6706	-1090.0
	ClSMax 40	-119063.7	2722	-6706	-77.4
	ClSMed 40	-119063.7	2722	-6706	-41.4

Combinazioni Quasi Permanenti					
212	Ft. 43	-118853.4	1039	6766	-231.2
	Fc. 43	-118853.4	1039	6766	-1008.1
	ClSMax 43	-118853.4	1039	6766	-71.1
	ClSMed 43	-118853.4	1039	6766	-41.3
312	Ft. 43	-116540.9	2728	-6341	-156.2
	Fc. 43	-116540.9	2728	-6341	-1059.0
	ClSMax 43	-116540.9	2728	-6341	-75.2
	ClSMed 43	-116540.9	2728	-6341	-40.5

Pilastro: 312/412 / L 3.25[m] / Sezione 7 B 50 [cm]H 50 [cm]

Af: 8 ø 20 Af=25.13 [cm²] < 1φ20 x 4 V + 1φ20 x 2 B + 1φ20 x 2 H >

Staffe: ø 8/12.5' x 54.2+ø 8/20.0' x 216.7+ø 8/12.5' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
312	22	-84330.3	-5246	18300	0.52	
412	24	-80580.5	-1462	-20892	0.55	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	4173.8	25494.9	10754.7	25494.9	ø 8/12.5'
0.77	2.93	4173.8	15934.3	10754.7	15934.3	ø 8/20.0'
2.93	3.47	4173.8	25494.9	10754.7	25494.9	ø 8/12.5'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
312	Ft. 37	-78702.6	-2770	7785	139.1	
	Fc. 37	-78702.6	-2770	7785	-949.5	
	ClisMax 37	-78702.6	-2770	7785	-68.8	
	ClisMed 37	-78702.6	-2770	7785	-29.8	
412	Ft. 37	-76390.1	-419	-8200	42.8	
	Fc. 37	-76390.1	-419	-8200	-832.8	
	ClisMax 37	-76390.1	-419	-8200	-60.0	
	ClisMed 37	-76390.1	-419	-8200	-29.1	

Combinazioni Frequenti						
312	Ft. 40	-73763.3	-2824	6617	99.3	
	Fc. 40	-73763.3	-2824	6617	-862.8	
	ClisMax 40	-73763.3	-2824	6617	-62.4	
	ClisMed 40	-73763.3	-2824	6617	-27.2	
412	Ft. 40	-71450.8	-381	-6940	-5.9	
	Fc. 40	-71450.8	-381	-6940	-738.1	
	ClisMax 40	-71450.8	-381	-6940	-52.9	
	ClisMed 40	-71450.8	-381	-6940	-25.7	

Combinazioni Quasi Permanenti						
312	Ft. 43	-72452.8	-2839	6225	84.3	
	Fc. 43	-72452.8	-2839	6225	-835.4	
	ClisMax 43	-72452.8	-2839	6225	-60.4	
	ClisMed 43	-72452.8	-2839	6225	-26.5	
412	Ft. 43	-70140.3	-370	-6507	-22.9	
	Fc. 43	-70140.3	-370	-6507	-708.3	
	ClisMax 43	-70140.3	-370	-6507	-50.7	
	ClisMed 43	-70140.3	-370	-6507	-24.7	

Pilastro: 412/512 / L 3.25[m] / Sezione 7 B 50 [cm]H 50 [cm]

Af: 8 ϕ 20 Af=25.13 [cm²] < 1 ϕ 20 x 4 V + 1 ϕ 20 x 2 B + 1 ϕ 20 x 2 H >

Staffe: ϕ 8/12.5' x 54.2+ ϕ 8/20.0' x 216.7+ ϕ 8/12.5' x 54.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
412	27	-29295.7	8818	10178	0.46
512	22	-31064.2	4518	-16897	0.60

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	4669.9	25494.9	8550.1	25494.9	ϕ 8/12.5'
0.77	2.93	4669.9	15934.3	8550.1	15934.3	ϕ 8/20.0'
2.93	3.48	4669.9	25494.9	8550.1	25494.9	ϕ 8/12.5'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm ²]
------	------	-----------	-------------	-------------	-----------------------------------

Combinazioni Rare

412	Ft. 37	-30705.4	1364	8686	953.5
	Fc. 37	-30705.4	1364	8686	-827.5
	ClsMax 37	-30705.4	1364	8686	-64.2
	ClsMed 37	-30705.4	1364	8686	-27.8
512	Ft. 37	-28392.9	1060	-9294	1125.0
	Fc. 38	-28933.0	1115	-9227	-845.1
	ClsMax 37	-28392.9	1060	-9294	-66.3
	ClsMed 37	-28392.9	1060	-9294	-29.6

Combinazioni Frequenti

412	Ft. 40	-29514.4	1299	7588	761.5
	Fc. 40	-29514.4	1299	7588	-734.3
	ClsMax 40	-29514.4	1299	7588	-56.5
	ClsMed 40	-29514.4	1299	7588	-24.3
512	Ft. 40	-27201.9	1137	-8421	988.4
	Fc. 41	-27510.3	1153	-8458	-787.8
	ClsMax 41	-27510.3	1153	-8458	-61.5
	ClsMed 41	-27510.3	1153	-8458	-27.0

Combinazioni Quasi Permanenti

412	Ft. 43	-29437.9	1280	7275	700.1
	Fc. 43	-29437.9	1280	7275	-707.7
	ClsMax 43	-29437.9	1280	7275	-54.3
	ClsMed 43	-29437.9	1280	7275	-23.3
512	Ft. 43	-27125.4	1160	-8280	963.6
	Fc. 43	-27125.4	1160	-8280	-774.2
	ClsMax 43	-27125.4	1160	-8280	-60.4
	ClsMed 43	-27125.4	1160	-8280	-26.4

Pilastro: 13/113 / L 4.75[m] / Sezione 2 B 60 [cm]H 60 [cm]

Af: 8 ø 24 Af=36.19 [cm²] < 1φ24 x 4 V + 1φ24 x 2 B + 1φ24 x 2 H >

Staffe: ø 8/15.0' x 79.2+ø 8/20.0' x 316.7+ø 8/15.0' x 79.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
13	19	-282910.0	1724	43110	0.73
113	19	-278410.0	1589	-29766	0.60

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	1203.1	25756.6	16317.7	25756.6	ø 8/15.0'
0.79	3.96	1203.1	19317.4	16317.7	19317.4	ø 8/20.0'
3.96	4.75	1203.1	25756.6	16317.7	25756.6	ø 8/15.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

13	Ft. 39	-216007.3	-390	-1508	-726.9
	Fc. 37	-238549.5	-379	-1780	-926.5
	ClsMax 37	-238549.5	-379	-1780	-62.3
	ClsMed 37	-238549.5	-379	-1780	-57.6
113	Ft. 39	-211507.3	1067	3149	-643.1
	Fc. 37	-234049.5	1076	3685	-986.0
	ClsMax 37	-234049.5	1076	3685	-67.0
	ClsMed 37	-234049.5	1076	3685	-56.5

Combinazioni Frequenti

13	Ft. 42	-206878.2	-394	-1416	-696.3
	Fc. 40	-214347.0	-390	-1508	-831.3
	ClsMax 40	-214347.0	-390	-1508	-55.9
	ClsMed 40	-214347.0	-390	-1508	-51.7
113	Ft. 42	-202378.2	1063	2968	-615.4
	Fc. 40	-209847.0	1067	3149	-882.5
	ClsMax 40	-209847.0	1067	3149	-59.9
	ClsMed 40	-209847.0	1067	3149	-50.7

Combinazioni Quasi Permanenti

13	Ft. 43	-206832.9	-394	-1418	-696.2
	Fc. 43	-206832.9	-394	-1418	-801.6
	ClsMax 43	-206832.9	-394	-1418	-53.9
	ClsMed 43	-206832.9	-394	-1418	-49.9
113	Ft. 43	-202332.9	1064	2970	-615.2
	Fc. 43	-202332.9	1064	2970	-850.0
	ClsMax 43	-202332.9	1064	2970	-57.7
	ClsMed 43	-202332.9	1064	2970	-48.8

Pilastro: 113/213 / L 4.02[m] / Sezione 2 B 60 [cm]H 60 [cm]

Af: 12 ø 22 Af=45.62 [cm²] < 1ø22 x 4 V + 2ø22 x 2 B + 2ø22 x 2 H >

Staffe: ø 8/12.5' x 402.5

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
113	6	-109832.5	-1571	-64021	1.00
213	6	-105782.5	-563	62030	0.97

Verifiche a Taglio						Staffe
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	
0.25	4.27	562.7	30907.9	28005.6	30907.9	ø 8/12.5'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
113	Ft. 39	-166287.2	-567	-6167	-393.1
	Fc. 37	-182644.5	-557	-7031	-852.6
	ClsMax 37	-182644.5	-557	-7031	-58.7
	ClsMed 37	-182644.5	-557	-7031	-42.6
213	Ft. 39	-162237.2	-411	7584	-343.5
	Fc. 37	-178594.5	-410	8473	-874.8
	ClsMax 37	-178594.5	-410	8473	-60.4
	ClsMed 37	-178594.5	-410	8473	-41.7

Combinazioni Frequenti					
113	Ft. 42	-159202.3	-572	-5872	-376.4
	Fc. 40	-164614.5	-568	-6165	-765.5
	ClsMax 40	-164614.5	-568	-6165	-52.6
	ClsMed 40	-164614.5	-568	-6165	-38.4
213	Ft. 42	-155152.3	-408	7277	-327.4
	Fc. 40	-160564.5	-408	7580	-786.5
	ClsMax 40	-160564.5	-408	7580	-54.3
	ClsMed 40	-160564.5	-408	7580	-37.5

Combinazioni Quasi Permanenti					
113	Ft. 43	-159162.1	-571	-5877	-376.1
	Fc. 43	-159162.1	-571	-5877	-738.4
	ClsMax 43	-159162.1	-571	-5877	-50.8
	ClsMed 43	-159162.1	-571	-5877	-37.2
213	Ft. 43	-155112.1	-408	7283	-327.1
	Fc. 43	-155112.1	-408	7283	-759.1
	ClsMax 43	-155112.1	-408	7283	-52.4
	ClsMed 43	-155112.1	-408	7283	-36.2

Pilastro: 213/313 / L 3.25[m] / Sezione 3 B 60 [cm]H 50 [cm]

Af: 8 ø 24 Af=36.19 [cm²] < 1φ24 x 4 V + 1φ24 x 2 B + 1φ24 x 2 H >

Staffe: ø 8/10.0' x 55.0+ø 8/12.5' x 215.0+ø 8/10.0' x 55.0

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
213	6	-82776.1	-429	-43837	0.79
313	6	-80001.1	869	51708	0.98

Verifiche a Taglio						Staffe
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	
0.23	0.78	686.4	31868.7	25797.6	38634.8	ø 8/10.0'
0.78	2.92	686.4	25494.9	25797.6	30907.9	ø 8/12.5'
2.92	3.47	686.4	31868.7	25797.6	38634.8	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
213	Ft. 39	-118009.3	183	-9280	-181.3
	Fc. 37	-128506.7	183	-10216	-893.8
	ClsMax 37	-128506.7	183	-10216	-62.7
	ClsMed 37	-128506.7	183	-10216	-36.3
313	Ft. 39	-115234.3	714	10348	-112.7
	Fc. 37	-125731.7	724	11392	-942.9
	ClsMax 37	-125731.7	724	11392	-66.5
	ClsMed 37	-125731.7	724	11392	-35.5

Combinazioni Frequenti					
213	Ft. 42	-112838.6	185	-8952	-170.4
	Fc. 40	-116306.4	185	-9272	-810.6
	ClsMax 40	-116306.4	185	-9272	-56.9
	ClsMed 40	-116306.4	185	-9272	-32.8
313	Ft. 42	-110063.6	707	9983	-103.3
	Fc. 40	-113531.4	710	10341	-855.4
	ClsMax 40	-113531.4	710	10341	-60.4
	ClsMed 40	-113531.4	710	10341	-32.0

Combinazioni Quasi Permanenti					
213	Ft. 43	-112807.2	185	-8960	-169.9
	Fc. 43	-112807.2	185	-8960	-785.3
	ClsMax 43	-112807.2	185	-8960	-55.1
	ClsMed 43	-112807.2	185	-8960	-31.8
313	Ft. 43	-110032.2	707	9992	-102.9
	Fc. 43	-110032.2	707	9992	-828.8
	ClsMax 43	-110032.2	707	9992	-58.5
	ClsMed 43	-110032.2	707	9992	-31.1

Pilastro: 313/413 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1φ22 x 4 V + 1φ22 x 2 B + 1φ22 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
313	6	-53575.0	-476	-26949	0.79	
413	6	-51725.0	57	31752	0.95	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	373.3	25102.5	15861.6	31868.7	ø 8/10.0'
0.77	2.93	373.3	12551.2	15861.6	15934.3	ø 8/20.0'
2.93	3.47	373.3	25102.5	15861.6	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
313	Ft. 37	-77005.4	-176	-7140	-56.7	
	Fc. 37	-77005.4	-176	-7140	-883.9	
	ClsMax 37	-77005.4	-176	-7140	-63.3	
	ClsMed 37	-77005.4	-176	-7140	-31.4	
413	Ft. 37	-75155.4	-122	8502	41.7	
	Fc. 37	-75155.4	-122	8502	-951.0	
	ClsMax 37	-75155.4	-122	8502	-68.6	
	ClsMed 37	-75155.4	-122	8502	-34.0	

Combinazioni Frequenti						
313	Ft. 40	-70472.4	-184	-6472	-53.8	
	Fc. 40	-70472.4	-184	-6472	-807.0	
	ClsMax 40	-70472.4	-184	-6472	-57.8	
	ClsMed 40	-70472.4	-184	-6472	-28.7	
413	Ft. 40	-68622.4	-123	7702	34.4	
	Fc. 40	-68622.4	-123	7702	-865.4	
	ClsMax 40	-68622.4	-123	7702	-62.4	
	ClsMed 40	-68622.4	-123	7702	-30.9	

Combinazioni Quasi Permanenti						
313	Ft. 43	-68871.7	-186	-6250	-56.4	
	Fc. 43	-68871.7	-186	-6250	-784.8	
	ClsMax 43	-68871.7	-186	-6250	-56.2	
	ClsMed 43	-68871.7	-186	-6250	-28.0	
413	Ft. 43	-67021.7	-124	7436	27.4	
	Fc. 43	-67021.7	-124	7436	-840.0	
	ClsMax 43	-67021.7	-124	7436	-60.6	
	ClsMed 43	-67021.7	-124	7436	-29.9	

Pilastro: 413/513 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
413	6	-26212.3	-80	-15226	0.87
513	6	-24732.3	495	16377	0.97

Verifiche a Taglio						Staffe
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	
0.23	0.77	410.5	25102.5	8541.1	25102.5	ø 8/10.0'
0.77	2.93	410.5	12551.2	8541.1	12551.2	ø 8/20.0'
2.93	3.48	410.5	25102.5	8541.1	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
413	Ft. 37	-28369.3	115	-5684	787.3
	Fc. 37	-28369.3	115	-5684	-860.5
	ClsMax 37	-28369.3	115	-5684	-67.8
	ClsMed 37	-28369.3	115	-5684	-33.3
513	Ft. 37	-26889.3	194	6106	988.1
	Fc. 37	-26889.3	194	6106	-919.9
	ClsMax 37	-26889.3	194	6106	-73.4
	ClsMed 37	-26889.3	194	6106	-35.6

Combinazioni Frequenti					
413	Ft. 40	-27354.5	114	-5218	678.8
	Fc. 40	-27354.5	114	-5218	-796.5
	ClsMax 40	-27354.5	114	-5218	-62.5
	ClsMed 40	-27354.5	114	-5218	-30.6
513	Ft. 40	-25874.5	193	5672	886.1
	Fc. 40	-25874.5	193	5672	-860.3
	ClsMax 40	-25874.5	193	5672	-68.4
	ClsMed 40	-25874.5	193	5672	-33.1

Combinazioni Quasi Permanenti					
413	Ft. 43	-27639.2	113	-5082	627.9
	Fc. 43	-27639.2	113	-5082	-779.9
	ClsMax 43	-27639.2	113	-5082	-60.9
	ClsMed 43	-27639.2	113	-5082	-29.8
513	Ft. 43	-26159.2	195	5562	840.4
	Fc. 43	-26159.2	195	5562	-847.5
	ClsMax 43	-26159.2	195	5562	-67.2
	ClsMed 43	-26159.2	195	5562	-32.5

Pilastro: 17/117 / L 4.75[m] / Sezione 2 B 60 [cm]H 60 [cm]

Af: 8 ø 24 Af=36.19 [cm²] < 1φ24 x 4 V + 1φ24 x 2 B + 1φ24 x 2 H >

Staffe: ø 8/15.0' x 79.2+ø 8/25.0' x 316.7+ø 8/15.0' x 79.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
17	3	-313473.5	3788	-41563	0.75
117	36	-476205.6	-8980	-5071	0.74

Verifiche a Taglio						Staffe
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	
0.00	0.79	2690.6	25756.6	14886.0	25756.6	ø 8/15.0'
0.79	3.96	2690.6	15453.9	14886.0	15453.9	ø 8/25.0'
3.96	4.75	2690.6	25756.6	14886.0	25756.6	ø 8/15.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
17	Ft. 39	-301541.5	2510	1303	-980.8
	Fc. 37	-332219.4	2904	1540	-1332.2
	ClsMax 37	-332219.4	2904	1540	-90.0
	ClsMed 37	-332219.4	2904	1540	-80.2
117	Ft. 39	-297041.5	-5029	-2644	-852.2
	Fc. 37	-327719.4	-5822	-3155	-1447.8
	ClsMax 37	-327719.4	-5822	-3155	-98.8
	ClsMed 37	-327719.4	-5822	-3155	-79.1

Combinazioni Frequenti					
17	Ft. 42	-285914.9	2378	1214	-930.7
	Fc. 40	-296148.4	2510	1292	-1182.9
	ClsMax 40	-296148.4	2510	1292	-79.8
	ClsMed 40	-296148.4	2510	1292	-71.5
117	Ft. 42	-281414.9	-4765	-2453	-808.9
	Fc. 40	-291648.4	-5029	-2623	-1278.6
	ClsMax 40	-291648.4	-5029	-2623	-87.2
	ClsMed 40	-291648.4	-5029	-2623	-70.4

Combinazioni Quasi Permanenti					
17	Ft. 43	-285922.4	2379	1214	-930.7
	Fc. 43	-285922.4	2379	1214	-1139.8
	ClsMax 43	-285922.4	2379	1214	-76.9
	ClsMed 43	-285922.4	2379	1214	-69.0
117	Ft. 43	-281422.4	-4765	-2452	-808.9
	Fc. 43	-281422.4	-4765	-2452	-1229.0
	ClsMax 43	-281422.4	-4765	-2452	-83.8
	ClsMed 43	-281422.4	-4765	-2452	-67.9

Pilastro: 117/217 / L 4.02[m] / Sezione 2 B 60 [cm]H 60 [cm]

Af: 8 ϕ 24 Af=36.19 [cm²] < 1 ϕ 24 x 4 V + 1 ϕ 24 x 2 B + 1 ϕ 24 x 2 H >

Staffe: ϕ 8/15.0' x 402.5

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
117	22	-205901.1	7393	56951	0.86
217	22	-201851.1	-8580	-55049	0.84

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	4.27	6688.3	25756.6	24880.8	25756.6	ϕ 8/15.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm ²]
------	------	-----------	-------------	-------------	-----------------------------------

Combinazioni Rare

117	Ft. 39	-236074.5	8794	5459	-440.0
	Fc. 37	-258830.7	10023	6324	-1412.8
	ClsMax 37	-258830.7	10023	6324	-98.4
	ClsMed 37	-258830.7	10023	6324	-62.5
217	Ft. 39	-232024.5	-9268	-6354	-385.5
	Fc. 37	-254780.7	-10402	-7210	-1435.0
	ClsMax 37	-254780.7	-10402	-7210	-100.2
	ClsMed 37	-254780.7	-10402	-7210	-61.5

Combinazioni Frequenti

117	Ft. 42	-223058.5	8384	5121	-414.6
	Fc. 40	-230650.8	8794	5408	-1248.4
	ClsMax 40	-230650.8	8794	5408	-86.9
	ClsMed 40	-230650.8	8794	5408	-55.7
217	Ft. 42	-219008.5	-8888	-6004	-359.6
	Fc. 40	-226600.8	-9266	-6288	-1273.1
	ClsMax 40	-226600.8	-9266	-6288	-88.9
	ClsMed 40	-226600.8	-9266	-6288	-54.7

Combinazioni Quasi Permanenti

117	Ft. 43	-223065.4	8385	5120	-414.7
	Fc. 43	-223065.4	8385	5120	-1200.6
	ClsMax 43	-223065.4	8385	5120	-83.5
	ClsMed 43	-223065.4	8385	5120	-53.8
217	Ft. 43	-219015.4	-8888	-6003	-359.7
	Fc. 43	-219015.4	-8888	-6003	-1226.3
	ClsMax 43	-219015.4	-8888	-6003	-85.6
	ClsMed 43	-219015.4	-8888	-6003	-52.9

Pilastro: 217/317 / L 3.25[m] / Sezione 3 B 60 [cm]H 50 [cm]

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

Staffe: ø 8/12.5' x 60.0+ø 8/15.0' x 205.0+ø 8/12.5' x 60.0

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
217	22	-148537.1	6980	38679	0.72
317	22	-145762.1	-8481	-46288	0.88

Verifiche a Taglio						Staffe
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	
0.23	0.83	7540.2	25494.9	22925.7	30907.9	ø 8/12.5'
0.83	2.87	7540.2	21245.8	22925.7	25756.6	ø 8/15.0'
2.87	3.47	7540.2	25494.9	22925.7	30907.9	ø 8/12.5'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
217	Ft. 37	-186945.6	9001	9376	-112.1
	Fc. 37	-186945.6	9001	9376	-1510.6
	ClsMax 37	-186945.6	9001	9376	-107.4
	ClsMed 37	-186945.6	9001	9376	-54.1
317	Ft. 37	-184170.6	-10531	-10314	-2.8
	Fc. 37	-184170.6	-10531	-10314	-1595.4
	ClsMax 37	-184170.6	-10531	-10314	-114.0
	ClsMed 37	-184170.6	-10531	-10314	-53.7

Combinazioni Frequenti					
217	Ft. 40	-166464.5	8090	8276	-99.3
	Fc. 40	-166464.5	8090	8276	-1345.7
	ClsMax 40	-166464.5	8090	8276	-95.7
	ClsMed 40	-166464.5	8090	8276	-48.2
317	Ft. 40	-163689.5	-9438	-9084	-2.1
	Fc. 40	-163689.5	-9438	-9084	-1418.3
	ClsMax 40	-163689.5	-9438	-9084	-101.4
	ClsMed 40	-163689.5	-9438	-9084	-47.7

Combinazioni Quasi Permanenti					
217	Ft. 43	-161469.6	7785	7938	-102.0
	Fc. 43	-161469.6	7785	7938	-1299.6
	ClsMax 43	-161469.6	7785	7938	-92.4
	ClsMed 43	-161469.6	7785	7938	-46.7
317	Ft. 43	-158694.6	-9073	-8706	-9.0
	Fc. 43	-158694.6	-9073	-8706	-1368.2
	ClsMax 43	-158694.6	-9073	-8706	-97.7
	ClsMed 43	-158694.6	-9073	-8706	-46.2

Pilastro: 317/417 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 12 ø 22 Af=45.62 [cm²] < 2ø22 x 4 V + 1ø22 x 2 B + 1ø22 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
317	22	-93673.2	5365	24894	0.57	
417	22	-91823.2	-6728	-30103	0.69	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	5931.0	25102.5	14858.1	31868.7	ø 8/10.0'
0.77	2.93	5931.0	12551.2	14858.1	15934.3	ø 8/20.0'
2.93	3.47	5931.0	25102.5	14858.1	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
317	Ft. 37	-116984.7	6835	6912	101.6	
	Fc. 37	-116984.7	6835	6912	-1404.6	
	ClSMax 37	-116984.7	6835	6912	-102.9	
	ClSMed 37	-116984.7	6835	6912	-45.3	
417	Ft. 37	-115134.7	-8443	-8668	340.7	
	Fc. 37	-115134.7	-8443	-8668	-1600.8	
	ClSMax 37	-115134.7	-8443	-8668	-118.6	
	ClSMed 37	-115134.7	-8443	-8668	-48.2	

Combinazioni Frequenti						
317	Ft. 40	-104126.5	6115	6096	89.6	
	Fc. 40	-104126.5	6115	6096	-1249.4	
	ClSMax 40	-104126.5	6115	6096	-91.5	
	ClSMed 40	-104126.5	6115	6096	-40.3	
417	Ft. 40	-102276.5	-7558	-7653	304.6	
	Fc. 40	-102276.5	-7558	-7653	-1423.6	
	ClSMax 40	-102276.5	-7558	-7653	-105.5	
	ClSMed 40	-102276.5	-7558	-7653	-42.9	

Combinazioni Quasi Permanenti						
317	Ft. 43	-101698.8	5876	5852	75.4	
	Fc. 43	-101698.8	5876	5852	-1208.8	
	ClSMax 43	-101698.8	5876	5852	-88.5	
	ClSMed 43	-101698.8	5876	5852	-39.2	
417	Ft. 43	-99848.8	-7264	-7357	280.6	
	Fc. 43	-99848.8	-7264	-7357	-1375.2	
	ClSMax 43	-99848.8	-7264	-7357	-101.8	
	ClSMed 43	-99848.8	-7264	-7357	-41.6	

Pilastro: 417/517 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
417	22	-42515.8	3627	13587	0.74
517	22	-41035.8	-676	-14171	0.72

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	2179.2	25102.5	7501.4	25102.5	ø 8/10.0'
0.77	2.93	2179.2	12551.2	7501.4	12551.2	ø 8/20.0'
2.93	3.48	2179.2	25102.5	7501.4	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
417	Ft. 37	-49492.7	4602	4703	741.3	
	Fc. 37	-49492.7	4602	4703	-1372.5	
	ClsMax 37	-49492.7	4602	4703	-104.9	
	ClsMed 37	-49492.7	4602	4703	-37.4	
517	Ft. 37	-48012.7	-1014	-4211	123.2	
	Fc. 37	-48012.7	-1014	-4211	-866.3	
	ClsMax 37	-48012.7	-1014	-4211	-64.0	
	ClsMed 38	-52989.8	-887	-3874	-28.7	

Combinazioni Frequenti						
417	Ft. 40	-44103.2	4115	4154	656.1	
	Fc. 40	-44103.2	4115	4154	-1219.9	
	ClsMax 40	-44103.2	4115	4154	-93.2	
	ClsMed 40	-44103.2	4115	4154	-33.3	
517	Ft. 40	-42623.2	-896	-3727	107.5	
	Fc. 40	-42623.2	-896	-3727	-767.4	
	ClsMax 40	-42623.2	-896	-3727	-56.7	
	ClsMed 41	-45050.6	-853	-3625	-25.3	

Combinazioni Quasi Permanenti						
417	Ft. 43	-44225.5	3953	3998	590.8	
	Fc. 43	-44225.5	3953	3998	-1176.5	
	ClsMax 43	-44225.5	3953	3998	-89.7	
	ClsMed 43	-44225.5	3953	3998	-32.3	
517	Ft. 43	-42745.5	-855	-3594	84.0	
	Fc. 43	-42745.5	-855	-3594	-749.3	
	ClsMax 43	-42745.5	-855	-3594	-55.2	
	ClsMed 43	-42745.5	-855	-3594	-24.6	

Pilastro: 18/118 / L 4.75[m] / Sezione 2 B 60 [cm] H 60 [cm]

Af: 8 ø 24 Af=36.19 [cm²] < 1φ24 x 4 V + 1φ24 x 2 B + 1φ24 x 2 H >

Staffe: ø 8/15.0' x 79.2+ø 8/25.0' x 316.7+ø 8/15.0' x 79.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
18	36	-516419.8	195	-264	0.74	
118	36	-510119.8	-229	473	0.73	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	580.2	25756.6	12918.0	25756.6	ø 8/15.0'
0.79	3.96	580.2	15453.9	12918.0	15453.9	ø 8/25.0'
3.96	4.75	580.2	25756.6	12918.0	25756.6	ø 8/15.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
18	Ft. 39	-322482.7	88	-80	-1162.7	
	Fc. 37	-355410.0	117	-117	-1293.6	
	ClSMax 37	-355410.0	117	-117	-86.3	
	ClSMed 37	-355410.0	117	-117	-85.8	
118	Ft. 39	-317982.7	-77	206	-1143.1	
	Fc. 37	-350910.0	-121	258	-1281.6	
	ClSMax 37	-350910.0	-121	258	-85.5	
	ClSMed 37	-350910.0	-121	258	-84.7	

Combinazioni Frequenti						
18	Ft. 42	-305613.8	78	-69	-1102.3	
	Fc. 40	-316589.2	88	-81	-1151.2	
	ClSMax 40	-316589.2	88	-81	-76.8	
	ClSMed 40	-316589.2	88	-81	-76.4	
118	Ft. 42	-301113.8	-62	190	-1082.9	
	Fc. 40	-312089.2	-77	208	-1138.2	
	ClSMax 40	-312089.2	-77	208	-76.0	
	ClSMed 40	-312089.2	-77	208	-75.3	

Combinazioni Quasi Permanenti						
18	Ft. 43	-305613.4	78	-69	-1102.2	
	Fc. 43	-305613.4	78	-69	-1110.8	
	ClSMax 43	-305613.4	78	-69	-74.1	
	ClSMed 43	-305613.4	78	-69	-73.8	
118	Ft. 43	-301113.4	-62	190	-1082.9	
	Fc. 43	-301113.4	-62	190	-1097.6	
	ClSMax 43	-301113.4	-62	190	-73.2	
	ClSMed 43	-301113.4	-62	190	-72.7	

Pilastro: 118/218 / L 4.02[m] / Sezione 2 B 60 [cm]H 60 [cm]

Af: 8 o 24 Af=36.19 [cm²] < 1φ24 x 4 V + 1φ24 x 2 B + 1φ24 x 2 H >

Staffe: ø 8/15.0' x 402.5

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
118	1	-242735.2	-352	-46588	0.72	
218	1	-238685.2	-114	45605	0.70	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	4.27	604.7	25756.6	20476.1	25756.6	ø 8/15.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm ²]	

Combinazioni Rare						
118	Ft. 39	-255119.6	225	-165	-912.4	
	Fc. 37	-279849.8	299	-213	-1028.1	
	ClMax 37	-279849.8	299	-213	-68.7	
	ClMed 37	-279849.8	299	-213	-67.5	
218	Ft. 39	-251069.6	-243	303	-893.2	
	Fc. 37	-275799.8	-304	352	-1017.7	
	ClMax 37	-275799.8	-304	352	-68.0	
	ClMed 37	-275799.8	-304	352	-66.6	

Combinazioni Frequenti						
118	Ft. 42	-240981.8	198	-150	-862.4	
	Fc. 40	-249224.8	223	-168	-913.7	
	ClMax 40	-249224.8	223	-168	-61.0	
	ClMed 40	-249224.8	223	-168	-60.2	
218	Ft. 42	-236931.8	-220	288	-843.1	
	Fc. 40	-245174.8	-240	305	-903.6	
	ClMax 40	-245174.8	-240	305	-60.4	
	ClMed 40	-245174.8	-240	305	-59.2	

Combinazioni Quasi Permanenti						
118	Ft. 43	-240981.4	199	-151	-862.3	
	Fc. 43	-240981.4	199	-151	-882.7	
	ClMax 43	-240981.4	199	-151	-58.9	
	ClMed 43	-240981.4	199	-151	-58.2	
218	Ft. 43	-236931.4	-219	289	-843.1	
	Fc. 43	-236931.4	-219	289	-872.6	
	ClMax 43	-236931.4	-219	289	-58.3	
	ClMed 43	-236931.4	-219	289	-57.2	

Pilastro: 218/318 / L 3.25[m] / Sezione 3 B 60 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1φ22 x 4 V + 1φ22 x 2 B + 1φ22 x 2 H >

Staffe: ø 8/12.5' x 60.0+ø 8/20.0' x 205.0+ø 8/12.5' x 60.0

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
218	24	-177888.3	671	27878	0.56
318	1	-175089.0	-51	34030	0.62

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.83	910.0	25494.9	16695.0	30907.9	ø 8/12.5'
0.83	2.87	910.0	15934.3	16695.0	19317.4	ø 8/20.0'
2.87	3.47	910.0	25494.9	16695.0	30907.9	ø 8/12.5'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

218	Ft. 39	-188112.4	257	-4	-805.6
	Fc. 37	-204670.2	317	-2	-901.4
	ClMax 37	-204670.2	317	-2	-60.2
	ClMed 37	-204670.2	317	-2	-59.2
318	Ft. 39	-185337.4	-350	95	-786.6
	Fc. 37	-201895.2	-433	107	-897.9
	ClMax 37	-201895.2	-433	107	-60.1
	ClMed 37	-201895.2	-433	107	-58.4

Combinazioni Frequenti

218	Ft. 42	-176697.6	236	-8	-756.9
	Fc. 40	-182216.4	256	-8	-801.7
	ClMax 40	-182216.4	256	-8	-53.6
	ClMed 40	-182216.4	256	-8	-52.7
318	Ft. 42	-173922.6	-321	96	-738.2
	Fc. 40	-179441.4	-348	101	-796.7
	ClMax 40	-179441.4	-348	101	-53.3
	ClMed 40	-179441.4	-348	101	-51.9

Combinazioni Quasi Permanenti

218	Ft. 43	-176697.1	236	-9	-756.8
	Fc. 43	-176697.1	236	-9	-776.9
	ClMax 43	-176697.1	236	-9	-51.9
	ClMed 43	-176697.1	236	-9	-51.1
318	Ft. 43	-173922.1	-321	96	-738.2
	Fc. 43	-173922.1	-321	96	-771.5
	ClMax 43	-173922.1	-321	96	-51.6
	ClMed 43	-173922.1	-321	96	-50.3

Pilastro: 318/418 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 o 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
318	1	-114715.4	436	-16504	0.57
418	1	-112865.4	-889	19626	0.64

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	1040.8	25102.5	9756.3	31868.7	ø 8/10.0'
0.77	2.93	1040.8	12551.2	9756.3	15934.3	ø 8/20.0'
2.93	3.47	1040.8	25102.5	9756.3	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

318	Ft. 39	-122300.6	714	-294	-723.1
	Fc. 37	-130657.5	821	-331	-933.1
	ClsMax 37	-130657.5	821	-331	-63.2
	ClsMed 37	-130657.5	821	-331	-56.7
418	Ft. 39	-120450.6	-1192	531	-660.0
	Fc. 37	-128807.5	-1354	593	-978.0
	ClsMax 37	-128807.5	-1354	593	-66.9
	ClsMed 37	-128807.5	-1354	593	-55.9

Combinazioni Frequenti

318	Ft. 42	-113616.8	675	-278	-670.6
	Fc. 40	-116402.0	711	-291	-829.5
	ClsMax 40	-116402.0	711	-291	-56.2
	ClsMed 40	-116402.0	711	-291	-50.5
418	Ft. 42	-111766.8	-1134	504	-609.6
	Fc. 40	-114552.0	-1188	525	-868.4
	ClsMax 40	-114552.0	-1188	525	-59.4
	ClsMed 40	-114552.0	-1188	525	-49.7

Combinazioni Quasi Permanenti

318	Ft. 43	-113616.4	675	-279	-670.5
	Fc. 43	-113616.4	675	-279	-808.0
	ClsMax 43	-113616.4	675	-279	-54.7
	ClsMed 43	-113616.4	675	-279	-49.3
418	Ft. 43	-111766.4	-1134	505	-609.6
	Fc. 43	-111766.4	-1134	505	-844.9
	ClsMax 43	-111766.4	-1134	505	-57.7
	ClsMed 43	-111766.4	-1134	505	-48.5

Pilastro: 418/518 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
418	I	-52070.7	198	-7847	0.37	
518	I	-50590.7	728	8852	0.41	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	619.2	25102.5	4511.9	25102.5	ø 8/10.0'
0.77	2.93	619.2	12551.2	4511.9	12551.2	ø 8/20.0'
2.93	3.48	619.2	25102.5	4511.9	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
418	Ft. 37	-56542.5	574	-550	-343.3	
	Fc. 38	-61185.2	490	-538	-574.9	
	ClsMax 38	-61185.2	490	-538	-39.5	
	ClsMed 38	-61185.2	490	-538	-32.1	
518	Ft. 37	-55062.5	417	467	-353.3	
	Fc. 38	-59705.2	409	468	-549.6	
	ClsMax 38	-59705.2	409	468	-37.7	
	ClsMed 38	-59705.2	409	468	-31.3	

Combinazioni Frequenti						
418	Ft. 40	-50610.4	477	-496	-310.1	
	Fc. 41	-52941.2	451	-496	-502.6	
	ClsMax 41	-52941.2	451	-496	-34.6	
	ClsMed 41	-52941.2	451	-496	-27.8	
518	Ft. 40	-49130.4	425	425	-309.7	
	Fc. 41	-51461.2	422	429	-482.2	
	ClsMax 41	-51461.2	422	429	-33.1	
	ClsMed 41	-51461.2	422	429	-27.0	

Combinazioni Quasi Permanenti						
418	Ft. 43	-50591.5	448	-486	-313.7	
	Fc. 43	-50591.5	448	-486	-482.9	
	ClsMax 43	-50591.5	448	-486	-33.3	
	ClsMed 43	-50591.5	448	-486	-26.6	
518	Ft. 43	-49111.5	425	419	-310.1	
	Fc. 43	-49111.5	425	419	-463.1	
	ClsMax 43	-49111.5	425	419	-31.8	
	ClsMed 43	-49111.5	425	419	-25.8	

Pilastro: 19/119 / L 4.75[m] / Sezione 2 B 60 [cm]H 60 [cm]

Af: 8 ø 24 Af=36.19 [cm²] < 1φ24 x 4 V + 1φ24 x 2 B + 1φ24 x 2 H >

Staffe: ø 8/15.0' x 79.2+ø 8/25.0' x 316.7+ø 8/15.0' x 79.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
19	24	-292689.5	1530	40913	0.72
119	36	-489049.0	26	65	0.70

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	502.1	25756.6	12948.9	25756.6	ø 8/15.0'
0.79	3.96	502.1	15453.9	12948.9	15453.9	ø 8/25.0'
3.96	4.75	502.1	25756.6	12948.9	25756.6	ø 8/15.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

19	Ft. 39	-308144.0	21	20	-1114.5
	Fc. 37	-340582.7	26	1	-1233.9
	ClMax 37	-340582.7	26	1	-82.3
	ClMed 37	-340582.7	26	1	-82.2
119	Ft. 39	-303644.0	22	0	-1098.8
	Fc. 37	-336082.7	21	15	-1217.9
	ClMax 37	-336082.7	21	15	-81.2
	ClMed 37	-336082.7	21	15	-81.1

Combinazioni Frequenti

19	Ft. 42	-291478.5	19	26	-1054.0
	Fc. 40	-302291.4	21	20	-1095.7
	ClMax 40	-302291.4	21	20	-73.1
	ClMed 40	-302291.4	21	20	-73.0
119	Ft. 42	-286978.5	22	-5	-1038.3
	Fc. 40	-297791.4	22	0	-1078.8
	ClMax 40	-297791.4	22	0	-71.9
	ClMed 40	-297791.4	22	0	-71.9

Combinazioni Quasi Permanenti

19	Ft. 43	-291478.5	19	26	-1054.0
	Fc. 43	-291478.5	19	26	-1056.7
	ClMax 43	-291478.5	19	26	-70.5
	ClMed 43	-291478.5	19	26	-70.4
119	Ft. 43	-286978.5	22	-5	-1038.3
	Fc. 43	-286978.5	22	-5	-1039.8
	ClMax 43	-286978.5	22	-5	-69.3
	ClMed 43	-286978.5	22	-5	-69.3

Pilastro: 119/219 / L 4.02[m] / Sezione 2 B 60 [cm]H 60 [cm]

Af: 8 ø 24 Af=36.19 [cm²] < 1φ24 x 4 V + 1φ24 x 2 B + 1φ24 x 2 H >

Staffe: ø 8/15.0' x 402.5

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
119	24	-230334.6	497	46782	0.71
219	24	-226284.6	168	-45280	0.69

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	4.27	304.5	25756.6	20447.1	25756.6	ø 8/15.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

119	Ft. 39	-243051.5	13	167	-874.8
	Fc. 37	-267382.4	20	167	-973.6
	ClMax 37	-267382.4	20	167	-65.0
	ClMed 37	-267382.4	20	167	-64.5
219	Ft. 39	-239001.5	-28	-23	-863.9
	Fc. 37	-263332.4	-32	-9	-954.6
	ClMax 37	-263332.4	-32	-9	-63.7
	ClMed 37	-263332.4	-32	-9	-63.6

Combinazioni Frequenti

119	Ft. 42	-229089.6	11	167	-824.3
	Fc. 40	-237199.9	13	166	-864.0
	ClMax 40	-237199.9	13	166	-57.6
	ClMed 40	-237199.9	13	166	-57.3
219	Ft. 42	-225039.6	-26	-27	-813.3
	Fc. 40	-233149.9	-27	-22	-845.6
	ClMax 40	-233149.9	-27	-22	-56.4
	ClMed 40	-233149.9	-27	-22	-56.3

Combinazioni Quasi Permanenti

119	Ft. 43	-229089.6	11	166	-824.3
	Fc. 43	-229089.6	11	166	-834.6
	ClMax 43	-229089.6	11	166	-55.7
	ClMed 43	-229089.6	11	166	-55.3
219	Ft. 43	-225039.6	-26	-27	-813.3
	Fc. 43	-225039.6	-26	-27	-816.3
	ClMax 43	-225039.6	-26	-27	-54.4
	ClMed 43	-225039.6	-26	-27	-54.3

Pilastro: 219/319 / L 3.25[m] / Sezione 3 B 60 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1φ22 x 4 V + 1φ22 x 2 B + 1φ22 x 2 H >

Staffe: ø 8/12.5' x 60.0+ø 8/20.0' x 205.0+ø 8/12.5' x 60.0

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
219	24	-168815.1	215	27983	0.54
319	24	-166040.1	-9	-34034	0.61

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.83	348.4	25494.9	16718.9	30907.9	ø 8/12.5'
0.83	2.87	348.4	15934.3	16718.9	19317.4	ø 8/20.0'
2.87	3.47	348.4	25494.9	16718.9	30907.9	ø 8/12.5'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

219	Ft. 39	-178831.0	-39	357	-762.0
	Fc. 37	-195045.2	-38	389	-861.7
	ClsMax 37	-195045.2	-38	389	-57.6
	ClsMed 37	-195045.2	-38	389	-56.4
319	Ft. 39	-176056.0	73	-316	-750.0
	Fc. 37	-192270.2	73	-341	-849.4
	ClsMax 37	-192270.2	73	-341	-56.8
	ClsMed 37	-192270.2	73	-341	-55.6

Combinazioni Frequenti

219	Ft. 42	-167576.3	-39	347	-713.6
	Fc. 40	-172981.1	-39	357	-764.8
	ClsMax 40	-172981.1	-39	357	-51.1
	ClsMed 40	-172981.1	-39	357	-50.1
319	Ft. 42	-164801.3	73	-308	-701.5
	Fc. 40	-170206.1	73	-316	-752.8
	ClsMax 40	-170206.1	73	-316	-50.3
	ClsMed 40	-170206.1	73	-316	-49.2

Combinazioni Quasi Permanenti

219	Ft. 43	-167576.3	-39	346	-713.6
	Fc. 43	-167576.3	-39	346	-741.0
	ClsMax 43	-167576.3	-39	346	-49.5
	ClsMed 43	-167576.3	-39	346	-48.5
319	Ft. 43	-164801.3	73	-308	-701.5
	Fc. 43	-164801.3	73	-308	-729.0
	ClsMax 43	-164801.3	73	-308	-48.7
	ClsMed 43	-164801.3	73	-308	-47.7

Pilastro: 319/419 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
319	24	-108411.2	203	16410	0.56
419	24	-106561.2	-316	-19447	0.62

Verifiche a Taglio						Staffe
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	
0.23	0.77	261.0	25102.5	9682.8	31868.7	ø 8/10.0'
0.77	2.93	261.0	12551.2	9682.8	15934.3	ø 8/20.0'
2.93	3.47	261.0	25102.5	9682.8	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
319	Ft. 39	-115738.6	122	210	-730.7
	Fc. 37	-123837.9	142	223	-830.4
	ClsMax 37	-123837.9	142	223	-55.6
	ClsMed 37	-123837.9	142	223	-53.7
419	Ft. 39	-113888.6	-259	-284	-703.6
	Fc. 37	-121987.9	-294	-304	-835.0
	ClsMax 37	-121987.9	-294	-304	-56.1
	ClsMed 37	-121987.9	-294	-304	-52.9

Combinazioni Frequenti					
319	Ft. 42	-107191.9	115	208	-675.8
	Fc. 40	-109891.7	121	212	-737.4
	ClsMax 40	-109891.7	121	212	-49.4
	ClsMed 40	-109891.7	121	212	-47.7
419	Ft. 42	-105341.9	-247	-278	-649.3
	Fc. 40	-108041.7	-259	-284	-740.3
	ClsMax 40	-108041.7	-259	-284	-49.8
	ClsMed 40	-108041.7	-259	-284	-46.9

Combinazioni Quasi Permanenti					
319	Ft. 43	-107191.9	115	207	-675.8
	Fc. 43	-107191.9	115	207	-719.1
	ClsMax 43	-107191.9	115	207	-48.2
	ClsMed 43	-107191.9	115	207	-46.5
419	Ft. 43	-105341.9	-247	-277	-649.3
	Fc. 43	-105341.9	-247	-277	-721.5
	ClsMax 43	-105341.9	-247	-277	-48.5
	ClsMed 43	-105341.9	-247	-277	-45.7

Pilastro: 419/519 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
419	24	-49059.8	144	7377	0.35	
519	1	-47445.6	374	8405	0.39	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	324.7	25102.5	4266.3	25102.5	ø 8/10.0'
0.77	2.93	324.7	12551.2	4266.3	12551.2	ø 8/20.0'
2.93	3.48	324.7	25102.5	4266.3	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
419	Ft. 37	-53672.2	79	1	-415.3	
	Fc. 38	-58350.3	63	-25	-467.3	
	ClSMax 38	-58350.3	63	-25	-31.3	
	ClSMed 38	-58350.3	63	-25	-30.6	
519	Ft. 39	-52191.6	214	12	-390.4	
	Fc. 38	-56870.3	211	26	-469.1	
	ClSMax 38	-56870.3	211	26	-31.5	
	ClSMed 38	-56870.3	211	26	-29.8	

Combinazioni Frequenti						
419	Ft. 40	-47823.2	58	4	-370.9	
	Fc. 41	-50162.4	53	-7	-400.4	
	ClSMax 41	-50162.4	53	-7	-26.8	
	ClSMed 41	-50162.4	53	-7	-26.3	
519	Ft. 40	-46343.2	219	-2	-344.8	
	Fc. 41	-48682.4	215	7	-403.4	
	ClSMax 41	-48682.4	215	7	-27.2	
	ClSMed 41	-48682.4	215	7	-25.6	

Combinazioni Quasi Permanenti						
419	Ft. 43	-47823.0	52	-0	-371.8	
	Fc. 43	-47823.0	52	-0	-381.2	
	ClSMax 43	-47823.0	52	-0	-25.5	
	ClSMed 43	-47823.0	52	-0	-25.1	
519	Ft. 43	-46343.0	217	0	-345.1	
	Fc. 43	-46343.0	217	0	-384.6	
	ClSMax 43	-46343.0	217	0	-25.9	
	ClSMed 43	-46343.0	217	0	-24.3	

Pilastro: 20/120 / L 4.75[m] / Sezione 2 B 60 [cm]H 60 [cm]

Af: 8 ø 24 Af=36.19 [cm²] < 1φ24 x 4 V + 1φ24 x 2 B + 1φ24 x 2 H >

Staffe: ø 8/15.0' x 79.2+ø 8/25.0' x 316.7+ø 8/15.0' x 79.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
20	1	-302579.0	-1980	-41007	0.73
120	36	-503208.9	238	567	0.72

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	721.0	25756.6	13025.7	25756.6	ø 8/15.0'
0.79	3.96	721.0	15453.9	13025.7	15453.9	ø 8/25.0'
3.96	4.75	721.0	25756.6	13025.7	25756.6	ø 8/15.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

20	Ft. 39	-318184.4	-70	-152	-1145.6
	Fc. 37	-350658.6	-68	-170	-1276.5
	ClsMax 37	-350658.6	-68	-170	-85.2
	ClsMed 37	-350658.6	-68	-170	-84.6
120	Ft. 39	-313684.4	170	355	-1120.5
	Fc. 37	-346158.6	170	368	-1269.0
	ClsMax 37	-346158.6	170	368	-84.7
	ClsMed 37	-346158.6	170	368	-83.6

Combinazioni Frequenti

20	Ft. 42	-301475.0	-72	-147	-1085.2
	Fc. 40	-312299.8	-70	-153	-1137.2
	ClsMax 40	-312299.8	-70	-153	-75.9
	ClsMed 40	-312299.8	-70	-153	-75.4
120	Ft. 42	-296975.0	170	351	-1060.1
	Fc. 40	-307799.8	170	355	-1129.7
	ClsMax 40	-307799.8	170	355	-75.5
	ClsMed 40	-307799.8	170	355	-74.3

Combinazioni Quasi Permanenti

20	Ft. 43	-301475.1	-71	-147	-1085.2
	Fc. 43	-301475.1	-71	-147	-1097.9
	ClsMax 43	-301475.1	-71	-147	-73.2
	ClsMed 43	-301475.1	-71	-147	-72.8
120	Ft. 43	-296975.1	170	351	-1060.1
	Fc. 43	-296975.1	170	351	-1090.4
	ClsMax 43	-296975.1	170	351	-72.8
	ClsMed 43	-296975.1	170	351	-71.7

Pilastro: 120/220 / L 4.02[m] / Sezione 2 B 60 [cm]H 60 [cm]

Af: 8 o 24 Af=36.19 [cm²] < 1φ24 x 4 V + 1φ24 x 2 B + 1φ24 x 2 H >

Staffe: ø 8/15.0' x 402.5

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
120	1	-238973.0	-1434	-46681	0.72
220	24	-235302.4	115	-45463	0.70

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	4.27	869.8	25756.6	20430.2	25756.6	ø 8/15.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
120	Ft. 39	-251989.8	-281	-78	-901.9
	Fc. 37	-276348.5	-279	-74	-1010.8
	ClsMax 37	-276348.5	-279	-74	-67.5
	ClsMed 37	-276348.5	-279	-74	-66.7
220	Ft. 39	-247939.8	273	-140	-885.7
	Fc. 37	-272298.5	270	-129	-997.5
	ClsMax 37	-272298.5	270	-129	-66.6
	ClsMed 37	-272298.5	270	-129	-65.7

Combinazioni Frequenti					
120	Ft. 42	-237985.7	-284	-79	-851.1
	Fc. 40	-246105.3	-282	-78	-901.6
	ClsMax 40	-246105.3	-282	-78	-60.2
	ClsMed 40	-246105.3	-282	-78	-59.4
220	Ft. 42	-233935.7	276	-144	-834.8
	Fc. 40	-242055.3	275	-140	-888.5
	ClsMax 40	-242055.3	275	-140	-59.3
	ClsMed 40	-242055.3	275	-140	-58.4

Combinazioni Quasi Permanenti					
120	Ft. 43	-237985.8	-283	-79	-851.1
	Fc. 43	-237985.8	-283	-79	-872.2
	ClsMax 43	-237985.8	-283	-79	-58.2
	ClsMed 43	-237985.8	-283	-79	-57.4
220	Ft. 43	-233935.8	276	-143	-834.8
	Fc. 43	-233935.8	276	-143	-859.2
	ClsMax 43	-233935.8	276	-143	-57.4
	ClsMed 43	-233935.8	276	-143	-56.5

Pilastro: 220/320 / L 3.25[m] / Sezione 3 B 60 [cm]H 50 [cm]

Af: 8 ϕ 22 Af=30.41 [cm²] < 1 ϕ 22 x 4 V + 1 ϕ 22 x 2 B + 1 ϕ 22 x 2 H >

Staffe: ϕ 8/12.5' x 60.0+ ϕ 8/20.0' x 205.0+ ϕ 8/12.5' x 60.0

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
220	24	-175231.1	244	28461	0.56
320	24	-172456.1	-222	-34396	0.63

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.83	1195.2	25494.9	16946.5	30907.9	ϕ 8/12.5'
0.83	2.87	1195.2	15934.3	16946.5	19317.4	ϕ 8/20.0'
2.87	3.47	1195.2	25494.9	16946.5	30907.9	ϕ 8/12.5'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
220	Ft. 39	-185295.8	-287	747	-766.3
	Fc. 37	-201545.3	-286	788	-914.1
	ClsMax 37	-201545.3	-286	788	-61.3
	ClsMed 37	-201545.3	-286	788	-58.3
320	Ft. 39	-182520.8	329	-639	-756.2
	Fc. 37	-198770.3	327	-679	-899.9
	ClsMax 37	-198770.3	327	-679	-60.3
	ClsMed 37	-198770.3	327	-679	-57.5

Combinazioni Frequenti					
220	Ft. 42	-173993.7	-289	734	-717.6
	Fc. 40	-179410.2	-289	747	-816.7
	ClsMax 40	-179410.2	-289	747	-54.8
	ClsMed 40	-179410.2	-289	747	-51.9
320	Ft. 42	-171218.7	333	-625	-707.5
	Fc. 40	-176635.2	332	-638	-802.6
	ClsMax 40	-176635.2	332	-638	-53.8
	ClsMed 40	-176635.2	332	-638	-51.1

Combinazioni Quasi Permanenti					
220	Ft. 43	-173993.7	-289	733	-717.6
	Fc. 43	-173993.7	-289	733	-792.7
	ClsMax 43	-173993.7	-289	733	-53.2
	ClsMed 43	-173993.7	-289	733	-50.3
320	Ft. 43	-171218.7	333	-625	-707.5
	Fc. 43	-171218.7	333	-625	-778.7
	ClsMax 43	-171218.7	333	-625	-52.2
	ClsMed 43	-171218.7	333	-625	-49.5

Pilastro: 320/420 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
320	24	-112755.8	118	16544	0.57
420	24	-110905.8	-290	-19590	0.64

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	655.1	25102.5	9757.6	31868.7	ø 8/10.0'
0.77	2.93	655.1	12551.2	9757.6	15934.3	ø 8/20.0'
2.93	3.47	655.1	25102.5	9757.6	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
320	Ft. 39	-120115.7	-130	342	-750.4
	Fc. 37	-128245.6	-123	361	-866.2
	ClisMax 37	-128245.6	-123	361	-58.1
	ClisMed 37	-128245.6	-123	361	-55.6
420	Ft. 39	-118265.7	103	-425	-735.2
	Fc. 37	-126395.6	92	-444	-857.1
	ClisMax 37	-126395.6	92	-444	-57.5
	ClisMed 37	-126395.6	92	-444	-54.8

Combinazioni Frequenti					
320	Ft. 42	-111521.4	-135	336	-694.4
	Fc. 40	-114231.4	-132	341	-774.6
	ClisMax 40	-114231.4	-132	341	-52.0
	ClisMed 40	-114231.4	-132	341	-49.6
420	Ft. 42	-109671.4	110	-415	-679.4
	Fc. 40	-112381.4	106	-420	-765.4
	ClisMax 40	-112381.4	106	-420	-51.4
	ClisMed 40	-112381.4	106	-420	-48.7

Combinazioni Quasi Permanenti					
320	Ft. 43	-111521.5	-135	335	-694.5
	Fc. 43	-111521.5	-135	335	-756.7
	ClisMax 43	-111521.5	-135	335	-50.8
	ClisMed 43	-111521.5	-135	335	-48.4
420	Ft. 43	-109671.5	110	-414	-679.5
	Fc. 43	-109671.5	110	-414	-747.7
	ClisMax 43	-109671.5	110	-414	-50.2
	ClisMed 43	-109671.5	110	-414	-47.6

Pilastro: 420/520 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
420	24	-51192.9	325	7500	0.36
520	24	-49712.9	-452	-8566	0.40

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	1005.1	25102.5	4341.0	25102.5	ø 8/10.0'
0.77	2.93	1005.1	12551.2	4341.0	12551.2	ø 8/20.0'
2.93	3.48	1005.1	25102.5	4341.0	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
420	Ft. 37	-55903.5	-137	127	-416.2
	Fc. 38	-60586.2	-143	101	-499.1
	ClisMax 38	-60586.2	-143	101	-33.6
	ClisMed 38	-60586.2	-143	101	-31.8
520	Ft. 37	-54423.5	226	-177	-392.0
	Fc. 38	-59106.2	228	-149	-499.5
	ClisMax 38	-59106.2	228	-149	-33.7
	ClisMed 38	-59106.2	228	-149	-31.0

Combinazioni Frequenti					
420	Ft. 42	-50012.1	-161	117	-368.6
	Fc. 41	-52360.8	-157	110	-436.5
	ClisMax 41	-52360.8	-157	110	-29.4
	ClisMed 41	-52360.8	-157	110	-27.5
520	Ft. 40	-48537.0	250	-164	-344.6
	Fc. 41	-50880.8	249	-153	-437.0
	ClisMax 41	-50880.8	249	-153	-29.6
	ClisMed 41	-50880.8	249	-153	-26.7

Combinazioni Quasi Permanenti					
420	Ft. 43	-50012.1	-161	115	-368.7
	Fc. 43	-50012.1	-161	115	-418.7
	ClisMax 43	-50012.1	-161	115	-28.2
	ClisMed 43	-50012.1	-161	115	-26.2
520	Ft. 43	-48532.1	254	-157	-344.8
	Fc. 43	-48532.1	254	-157	-419.3
	ClisMax 43	-48532.1	254	-157	-28.4
	ClisMed 43	-48532.1	254	-157	-25.5

Pilastro: 21/121 / L 4.75[m] / Sezione 2 B 60 [cm]H 60 [cm]

Af: 8 ø 24 Af=36.19 [cm²] < 1φ24 x 4 V + 1φ24 x 2 B + 1φ24 x 2 H >

Staffe: ø 8/15.0' x 79.2+ø 8/25.0' x 316.7+ø 8/15.0' x 79.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
21	24	-311320.7	2302	43203	0.76
121	36	-514486.3	-101	-5917	0.77

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	773.9	25756.6	14350.3	25756.6	ø 8/15.0'
0.79	3.96	773.9	15453.9	14350.3	15453.9	ø 8/25.0'
3.96	4.75	773.9	25756.6	14350.3	25756.6	ø 8/15.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
21	Ft. 39	-326540.4	25	2107	-1120.3
	Fc. 37	-358980.1	28	2075	-1361.0
	ClsMax 37	-358980.1	28	2075	-91.3
	ClsMed 37	-358980.1	28	2075	-86.7
121	Ft. 39	-322040.4	-66	-4300	-1038.9
	Fc. 37	-354480.1	-71	-4259	-1409.5
	ClsMax 37	-354480.1	-71	-4259	-95.1
	ClsMed 37	-354480.1	-71	-4259	-85.6

Combinazioni Frequenti					
21	Ft. 42	-310185.8	24	2127	-1060.5
	Fe. 40	-320998.9	25	2116	-1224.5
	ClsMax 40	-320998.9	25	2116	-82.2
	ClsMed 40	-320998.9	25	2116	-77.5
121	Ft. 42	-305685.8	-65	-4333	-978.8
	Fc. 40	-316498.9	-66	-4320	-1273.6
	ClsMax 40	-316498.9	-66	-4320	-86.0
	ClsMed 40	-316498.9	-66	-4320	-76.4

Combinazioni Quasi Permanenti					
21	Ft. 43	-310185.7	24	2126	-1060.5
	Fe. 43	-310185.7	24	2126	-1185.7
	ClsMax 43	-310185.7	24	2126	-79.6
	ClsMed 43	-310185.7	24	2126	-74.9
121	Ft. 43	-305685.7	-65	-4334	-978.8
	Fe. 43	-305685.7	-65	-4334	-1234.8
	ClsMax 43	-305685.7	-65	-4334	-83.4
	ClsMed 43	-305685.7	-65	-4334	-73.8

Pilastro: 121/221 / L 4.02[m] / Sezione 2 B 60 [cm]H 60 [cm]

Af: 8 ø 24 Af=36.19 [cm²] < 1φ24 x 4 V + 1φ24 x 2 B + 1φ24 x 2 H >

Staffe: ø 8/15.0' x 402.5

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
121	24	-228351.7	1257	51394	0.76
221	24	-224301.7	105	-46546	0.70

Verifiche a Taglio						Staffe
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	
0.25	4.27	594.4	25756.6	21753.8	25756.6	ø 8/15.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
121	Ft. 39	-241535.2	77	4482	-741.9
	Fc. 37	-265881.5	84	4454	-1094.7
	ClSMax 37	-265881.5	84	4454	-74.1
	ClSMed 37	-265881.5	84	4454	-64.2
221	Ft. 39	-237485.2	-105	-1414	-815.7
	Fc. 37	-261831.5	-114	-1387	-991.7
	ClSMax 37	-261831.5	-114	-1387	-66.5
	ClSMed 37	-261831.5	-114	-1387	-63.2

Combinazioni Frequenti					
121	Ft. 42	-227851.4	74	4530	-691.0
	Fc. 40	-235966.7	76	4520	-988.1
	ClSMax 40	-235966.7	76	4520	-67.1
	ClSMed 40	-235966.7	76	4520	-57.0
221	Ft. 42	-223801.4	-101	-1469	-764.6
	Fc. 40	-231916.7	-104	-1460	-885.2
	ClSMax 40	-231916.7	-104	-1460	-59.4
	ClSMed 40	-231916.7	-104	-1460	-56.0

Combinazioni Quasi Permanenti					
121	Ft. 43	-227851.3	74	4529	-691.0
	Fc. 43	-227851.3	74	4529	-958.9
	ClSMax 43	-227851.3	74	4529	-65.1
	ClSMed 43	-227851.3	74	4529	-55.0
221	Ft. 43	-223801.3	-101	-1468	-764.6
	Fc. 43	-223801.3	-101	-1468	-856.0
	ClSMax 43	-223801.3	-101	-1468	-57.5
	ClSMed 43	-223801.3	-101	-1468	-54.0

Pilastro: 221/321 / L 3.25[m] / Sezione 3 B 60 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1φ22 x 4 V + 1φ22 x 2 B + 1φ22 x 2 H >

Staffe: ø 8/12.5' x 60.0+ø 8/20.0' x 205.0+ø 8/12.5' x 60.0

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
221	1	-167938.6	-295	-27990	0.54
321	1	-165163.6	125	33999	0.61

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.83	830.2	25494.9	16709.3	30907.9	ø 8/12.5'
0.83	2.87	830.2	15934.3	16709.3	19317.4	ø 8/20.0'
2.87	3.47	830.2	25494.9	16709.3	30907.9	ø 8/12.5'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
221	Ft. 39	-177681.5	119	-681	-742.4
	Fc. 37	-193884.8	131	-676	-870.5
	ClisMax 37	-193884.8	131	-676	-58.3
	ClisMed 37	-193884.8	131	-676	-56.1
321	Ft. 39	-174906.5	-241	412	-734.8
	Fc. 37	-191109.8	-263	447	-855.9
	ClisMax 37	-191109.8	-263	447	-57.3
	ClisMed 37	-191109.8	-263	447	-55.3

Combinazioni Frequenti					
221	Ft. 42	-166661.1	114	-615	-697.1
	Fc. 40	-172062.1	118	-614	-773.1
	ClisMax 40	-172062.1	118	-614	-51.8
	ClisMed 40	-172062.1	118	-614	-49.8
321	Ft. 42	-163886.1	-231	317	-690.7
	Fc. 40	-169287.1	-238	329	-756.1
	ClisMax 40	-169287.1	-238	329	-50.6
	ClisMed 40	-169287.1	-238	329	-49.0

Combinazioni Quasi Permanenti					
221	Ft. 43	-166661.0	114	-615	-697.1
	Fc. 43	-166661.0	114	-615	-749.5
	ClisMax 43	-166661.0	114	-615	-50.2
	ClisMed 43	-166661.0	114	-615	-48.2
321	Ft. 43	-163886.0	-231	318	-690.7
	Fc. 43	-163886.0	-231	318	-731.9
	ClisMax 43	-163886.0	-231	318	-49.0
	ClisMed 43	-163886.0	-231	318	-47.4

Pilastro: 321/421 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: $8 \phi 18 \text{ Af}=20.36 \text{ [cm}^2\text{]} < 1\phi 18 \times 4 \text{ V} + 1\phi 18 \times 2 \text{ B} + 1\phi 18 \times 2 \text{ H} >$

Staffe: $\phi 8/10.0' \times 54.2 + \phi 8/20.0' \times 216.7 + \phi 8/10.0' \times 54.2$

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
321	4	-107141.2	372	-16288	0.56
421	4	-105291.2	-437	19242	0.62

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	592.4	25102.5	9594.7	31868.7	$\phi 8/10.0'$
0.77	2.93	592.4	12551.2	9594.7	15934.3	$\phi 8/20.0'$
2.93	3.47	592.4	25102.5	9594.7	31868.7	$\phi 8/10.0'$

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm ²]
------	------	-----------	-------------	-------------	-----------------------------------

Combinazioni Rare

321	Ft. 39	-115252.2	186	-127	-727.9
	Fc. 37	-123378.2	202	-152	-827.6
	ClMax 37	-123378.2	202	-152	-55.5
	ClMed 37	-123378.2	202	-152	-53.5
421	Ft. 39	-113402.2	-247	187	-707.4
	Fc. 37	-121528.2	-270	201	-823.7
	ClMax 37	-121528.2	-270	201	-55.3
	ClMed 37	-121528.2	-270	201	-52.7

Combinazioni Frequenti

321	Ft. 42	-106851.5	178	-52	-678.4
	Fc. 40	-109560.1	184	-61	-730.7
	ClMax 40	-109560.1	184	-61	-48.9
	ClMed 40	-109560.1	184	-61	-47.5
421	Ft. 42	-105001.5	-238	98	-659.0
	Fc. 40	-107710.1	-246	104	-726.0
	ClMax 40	-107710.1	-246	104	-48.7
	ClMed 40	-107710.1	-246	104	-46.7

Combinazioni Quasi Permanenti

321	Ft. 43	-106851.5	178	-53	-678.4
	Fc. 43	-106851.5	178	-53	-712.1
	ClMax 43	-106851.5	178	-53	-47.7
	ClMed 43	-106851.5	178	-53	-46.3
421	Ft. 43	-105001.5	-238	99	-658.9
	Fc. 43	-105001.5	-238	99	-707.5
	ClMax 43	-105001.5	-238	99	-47.5
	ClMed 43	-105001.5	-238	99	-45.5

Pilastro: 421/521 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
421	4	-48365.3	716	-7657	0.36	
521	8	-46785.8	-1410	8630	0.41	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	1248.6	25102.5	4442.6	25102.5	ø 8/10.0'
0.77	2.93	1248.6	12551.2	4442.6	12551.2	ø 8/20.0'
2.93	3.48	1248.6	25102.5	4442.6	25102.5	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
421	Ft. 37	-53436.6	482	-379	-342.6	
	Fc. 38	-58088.1	450	-430	-537.1	
	ClsMax 38	-58088.1	450	-430	-36.8	
	ClsMed 38	-58088.1	450	-430	-30.5	
521	Ft. 37	-51956.6	-725	440	-303.4	
	Fc. 38	-56608.1	-680	486	-551.3	
	ClsMax 38	-56608.1	-680	486	-38.1	
	ClsMed 38	-56608.1	-680	486	-29.7	
Combinazioni Frequenti						
421	Ft. 40	-47669.1	437	-289	-309.5	
	Fc. 41	-49991.4	427	-316	-461.0	
	ClsMax 41	-49991.4	427	-316	-31.6	
	ClsMed 41	-49991.4	427	-316	-26.2	
521	Ft. 40	-46189.1	-655	327	-274.6	
	Fc. 41	-48511.4	-642	354	-472.2	
	ClsMax 41	-48511.4	-642	354	-32.6	
	ClsMed 41	-48511.4	-642	354	-25.5	
Combinazioni Quasi Permanenti						
421	Ft. 43	-47676.1	425	-284	-311.1	
	Fc. 43	-47676.1	425	-284	-439.6	
	ClsMax 43	-47676.1	425	-284	-30.1	
	ClsMed 43	-47676.1	425	-284	-25.0	
521	Ft. 43	-46196.1	-637	318	-277.1	
	Fc. 43	-46196.1	-637	318	-450.3	
	ClsMax 43	-46196.1	-637	318	-31.1	
	ClsMed 43	-46196.1	-637	318	-24.2	

Pilastro: 22/122 / L 4.75[m] / Sezione 2 B 60 [cm]H 60 [cm]

Af: 8 o 24 Af=36.19 [cm²] < 1φ24 x 4 V + 1φ24 x 2 B + 1φ24 x 2 H >

Staffe: ø 8/15.0' x 79.2+ø 8/25.0' x 316.7+ø 8/15.0' x 79.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
22	1	-284493.1	-2744	-40302	0.71	
122	36	-445782.4	-1756	4924	0.66	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	2147.7	25756.6	12596.0	25756.6	ø 8/15.0'
0.79	3.96	2147.7	15453.9	12596.0	15453.9	ø 8/25.0'
3.96	4.75	2147.7	25756.6	12596.0	25756.6	ø 8/15.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
22	Ft. 39	-288473.0	532	-1400	-988.3	
	Fc. 37	-314220.7	568	-1536	-1198.9	
	ClsMax 37	-314220.7	568	-1536	-80.5	
	ClsMed 37	-314220.7	568	-1536	-75.8	
122	Ft. 39	-283973.0	-1151	2926	-909.6	
	Fc. 37	-309720.7	-1228	3182	-1249.7	
	ClsMax 37	-309720.7	-1228	3182	-84.4	
	ClsMed 37	-309720.7	-1228	3182	-74.8	

Combinazioni Frequenti						
22	Ft. 42	-277835.0	517	-1340	-951.9	
	Fc. 40	-286416.2	529	-1385	-1092.7	
	ClsMax 40	-286416.2	529	-1385	-73.3	
	ClsMed 40	-286416.2	529	-1385	-69.1	
122	Ft. 42	-273335.0	-1119	2810	-875.3	
	Fc. 40	-281916.2	-1145	2896	-1138.3	
	ClsMax 40	-281916.2	-1145	2896	-76.9	
	ClsMed 40	-281916.2	-1145	2896	-68.0	

Combinazioni Quasi Permanenti						
22	Ft. 43	-277833.7	517	-1340	-951.9	
	Fc. 43	-277833.7	517	-1340	-1060.0	
	ClsMax 43	-277833.7	517	-1340	-71.1	
	ClsMed 43	-277833.7	517	-1340	-67.1	
122	Ft. 43	-273333.7	-1119	2810	-875.3	
	Fc. 43	-273333.7	-1119	2810	-1104.0	
	ClsMax 43	-273333.7	-1119	2810	-74.6	
	ClsMed 43	-273333.7	-1119	2810	-66.0	

Pilastro: 122/222 / L 4.02[m] / Sezione 2 B 60 [cm]H 60 [cm]

Af: 8 ø 24 Af=36.19 [cm²] < 1φ24 x 4 V + 1φ24 x 2 B + 1φ24 x 2 H >

Staffe: ø 8/15.0' x 402.5

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
122	1	-184560.2	-1662	-48338	0.71	
222	1	-180510.2	59	51174	0.76	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	4.27	4293.9	25756.6	22101.3	25756.6	ø 8/15.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
122	Ft. 39	-194991.9	1958	-4877	-507.1	
	Fc. 37	-213249.9	2099	-5539	-994.4	
	ClsMax 37	-213249.9	2099	-5539	-68.2	
	ClsMed 37	-213249.9	2099	-5539	-51.5	
222	Ft. 39	-190941.9	-2154	5299	-474.4	
	Fc. 37	-209199.9	-2316	6262	-1007.1	
	ClsMax 37	-209199.9	-2316	6262	-69.3	
	ClsMed 37	-209199.9	-2316	6262	-50.5	

Combinazioni Frequenti						
122	Ft. 42	-186852.9	1900	-4598	-487.4	
	Fc. 40	-192937.6	1947	-4820	-895.5	
	ClsMax 40	-192937.6	1947	-4820	-61.4	
	ClsMed 40	-192937.6	1947	-4820	-46.6	
222	Ft. 42	-182802.9	-2085	4911	-458.3	
	Fc. 40	-188887.6	-2140	5232	-898.4	
	ClsMax 40	-188887.6	-2140	5232	-61.8	
	ClsMed 40	-188887.6	-2140	5232	-45.6	

Combinazioni Quasi Permanenti						
122	Ft. 43	-186851.6	1900	-4599	-487.4	
	Fc. 43	-186851.6	1900	-4599	-865.7	
	ClsMax 43	-186851.6	1900	-4599	-59.4	
	ClsMed 43	-186851.6	1900	-4599	-45.1	
222	Ft. 43	-182801.6	-2086	4912	-458.2	
	Fc. 43	-182801.6	-2086	4912	-865.5	
	ClsMax 43	-182801.6	-2086	4912	-59.5	
	ClsMed 43	-182801.6	-2086	4912	-44.1	

Pilastro: 222/322 / L 3.25[m] / Sezione 3 B 60 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1φ22 x 4 V + 1φ22 x 2 B + 1φ22 x 2 H >

Staffe: ø 8/12.5' x 60.0+ø 8/15.0' x 205.0+ø 8/12.5' x 60.0

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
222	1	-137258.2	-1072	-35362	0.62
322	1	-134483.2	618	40249	0.72

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.83	6060.4	25494.9	20409.5	30907.9	ø 8/12.5'
0.83	2.87	6060.4	21245.8	20409.5	25756.6	ø 8/15.0'
2.87	3.47	6060.4	25494.9	20409.5	30907.9	ø 8/12.5'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

222	Ft. 39	-140978.7	2169	-5513	-329.7
	Fc. 37	-153779.8	2341	-6589	-994.3
	ClsMax 37	-153779.8	2341	-6589	-69.3
	ClsMed 37	-153779.8	2341	-6589	-44.5
322	Ft. 39	-138203.7	-2858	5929	-274.7
	Fc. 37	-151004.8	-3085	6906	-1024.1
	ClsMax 37	-151004.8	-3085	6906	-71.7
	ClsMed 37	-151004.8	-3085	6906	-43.7

Combinazioni Frequenti

222	Ft. 42	-134653.6	2095	-5059	-321.2
	Fc. 40	-138919.5	2153	-5418	-881.1
	ClsMax 40	-138919.5	2153	-5418	-61.3
	ClsMed 40	-138919.5	2153	-5418	-40.2
322	Ft. 42	-131878.6	-2759	5488	-266.7
	Fc. 40	-136144.5	-2835	5814	-911.1
	ClsMax 40	-136144.5	-2835	5814	-63.7
	ClsMed 40	-136144.5	-2835	5814	-39.4

Combinazioni Quasi Permanenti

222	Ft. 43	-134652.5	2095	-5059	-321.1
	Fc. 43	-134652.5	2095	-5059	-847.7
	ClsMax 43	-134652.5	2095	-5059	-58.9
	ClsMed 43	-134652.5	2095	-5059	-39.0
322	Ft. 43	-131877.5	-2759	5489	-266.7
	Fc. 43	-131877.5	-2759	5489	-878.0
	ClsMax 43	-131877.5	-2759	5489	-61.4
	ClsMed 43	-131877.5	-2759	5489	-38.2

Pilastro: 322/422 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
322	8	-75281.1	3638	-17951	0.63
422	1	-83445.2	202	23339	0.77

Verifiche a Taglio						Staffe
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	
0.23	0.77	4087.4	25102.5	11583.9	31868.7	ø 8/10.0'
0.77	2.93	4087.4	12551.2	11583.9	15934.3	ø 8/20.0'
2.93	3.47	4087.4	25102.5	11583.9	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
322	Ft. 37	-93295.1	1905	-4153	-203.7
	Fc. 37	-93295.1	1905	-4153	-1010.4
	ClSMax 37	-93295.1	1905	-4153	-71.7
	ClSMed 37	-93295.1	1905	-4153	-40.5
422	Ft. 37	-91445.1	-2252	4974	-114.2
	Fc. 37	-91445.1	-2252	4974	-1075.8
	ClSMax 37	-91445.1	-2252	4974	-76.9
	ClSMed 37	-91445.1	-2252	4974	-39.7

Combinazioni Frequenti					
322	Ft. 40	-85177.9	1751	-3526	-201.6
	Fc. 40	-85177.9	1751	-3526	-906.8
	ClSMax 40	-85177.9	1751	-3526	-64.3
	ClSMed 40	-85177.9	1751	-3526	-36.9
422	Ft. 40	-83327.9	-2069	4197	-123.6
	Fc. 40	-83327.9	-2069	4197	-960.7
	ClSMax 40	-83327.9	-2069	4197	-68.6
	ClSMed 40	-83327.9	-2069	4197	-36.1

Combinazioni Quasi Permanenti					
322	Ft. 43	-83159.3	1705	-3347	-203.1
	Fc. 43	-83159.3	1705	-3347	-879.0
	ClSMax 43	-83159.3	1705	-3347	-62.3
	ClSMed 43	-83159.3	1705	-3347	-36.1
422	Ft. 43	-81309.3	-2015	3976	-128.4
	Fc. 43	-81309.3	-2015	3976	-929.7
	ClSMax 43	-81309.3	-2015	3976	-66.3
	ClSMed 43	-81309.3	-2015	3976	-35.3

Pilastro: 422/522 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
422	8	-30300.9	4831	-9166	0.57	
522	30	-24741.6	-11554	3635	0.71	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	5596.4	25102.5	5830.7	25102.5	ø 8/10.0'
0.77	2.93	5596.4	12551.2	5830.7	12551.2	ø 8/20.0'
2.93	3.48	5596.4	25102.5	5830.7	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
422	Ft. 37	-34353.4	2811	-3344	456.4	
	Fc. 37	-34353.4	2811	-3344	-911.5	
	ClisMax 37	-34353.4	2811	-3344	-69.5	
	ClisMed 37	-34353.4	2811	-3344	-25.1	
522	Ft. 37	-32873.4	-3624	3516	696.1	
	Fc. 37	-32873.4	-3624	3516	-1047.1	
	ClisMax 37	-32873.4	-3624	3516	-80.9	
	ClisMed 37	-32873.4	-3624	3516	-28.0	

Combinazioni Frequenti						
422	Ft. 40	-32915.2	2581	-2845	349.1	
	Fc. 40	-32915.2	2581	-2845	-810.2	
	ClisMax 40	-32915.2	2581	-2845	-61.4	
	ClisMed 40	-32915.2	2581	-2845	-22.7	
522	Ft. 40	-31435.2	-3326	3010	559.2	
	Fc. 40	-31435.2	-3326	3010	-931.3	
	ClisMax 40	-31435.2	-3326	3010	-71.6	
	ClisMed 40	-31435.2	-3326	3010	-25.1	

Combinazioni Quasi Permanenti						
422	Ft. 43	-33133.3	2515	-2723	312.2	
	Fc. 43	-33133.3	2515	-2723	-786.4	
	ClisMax 43	-33133.3	2515	-2723	-59.4	
	ClisMed 43	-33133.3	2515	-2723	-22.2	
522	Ft. 43	-31653.3	-3243	2901	513.8	
	Fc. 43	-31653.3	-3243	2901	-904.6	
	ClisMax 43	-31653.3	-3243	2901	-69.3	
	ClisMed 43	-31653.3	-3243	2901	-24.6	

Pilastro: 24/124 / L 4.75[m] / Sezione 3 B 60 [cm]H 50 [cm]

Af: 8 o 22 Af=30.41 [cm²] < 1φ22 x 4 V + 1φ22 x 2 B + 1φ22 x 2 H >

Staffe: ø 8/12.5' x 79.2+ø 8/25.0' x 316.7+ø 8/12.5' x 79.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
24	19	-273139.6	5380	33463	0.76
124	36	-333484.0	-9486	-7744	0.67

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	3756.6	25494.9	10848.4	30907.9	ø 8/12.5'
0.79	3.96	3756.6	12747.5	10848.4	15453.9	ø 8/25.0'
3.96	4.75	3756.6	25494.9	10848.4	30907.9	ø 8/12.5'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
24	Ft. 39	-222983.7	3263	1615	-776.6
	Fc. 37	-237626.4	3273	2098	-1239.8
	ClisMax 37	-237626.4	3273	2098	-84.7
	ClisMed 37	-237626.4	3273	2098	-68.8
124	Ft. 39	-219233.7	-6490	-3234	-570.5
	Fc. 37	-233876.4	-6491	-4243	-1431.3
	ClisMax 37	-233876.4	-6491	-4243	-99.5
	ClisMed 37	-233876.4	-6491	-4243	-67.7

Combinazioni Frequenti					
24	Ft. 42	-217077.4	3258	1451	-756.9
	Fc. 40	-221960.3	3263	1612	-1154.4
	ClisMax 40	-221960.3	3263	1612	-78.9
	ClisMed 40	-221960.3	3263	1612	-64.2
124	Ft. 42	-213327.4	-6490	-2892	-556.8
	Fc. 40	-218210.3	-6491	-3228	-1327.8
	ClisMax 40	-218210.3	-6491	-3228	-92.3
	ClisMed 40	-218210.3	-6491	-3228	-63.1

Combinazioni Quasi Permanenti					
24	Ft. 43	-217079.4	3259	1451	-756.9
	Fc. 43	-217079.4	3259	1451	-1127.4
	ClisMax 43	-217079.4	3259	1451	-77.0
	ClisMed 43	-217079.4	3259	1451	-62.8
124	Ft. 43	-213329.4	-6490	-2892	-556.8
	Fc. 43	-213329.4	-6490	-2892	-1294.9
	ClisMax 43	-213329.4	-6490	-2892	-90.0
	ClisMed 43	-213329.4	-6490	-2892	-61.7

Pilastro: 124/224 / L 4.02[m] / Sezione 7 B 50 [cm]H 50 [cm]

Af: 8 ø 20 Af=25.13 [cm²] < 1φ20 x 4 V + 1φ20 x 2 B + 1φ20 x 2 H >

Staffe: ø 8/12.5' x 67.1+ø 8/20.0' x 268.3+ø 8/12.5' x 67.1

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
124	19	-198777.1	7209	24586	0.77
224	17	-198303.6	187	-26734	0.76

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	0.92	3560.6	25494.9	11540.8	25494.9	ø 8/12.5'
0.92	3.60	3560.6	15934.3	11540.8	15934.3	ø 8/20.0'
3.60	4.27	3560.6	25494.9	11540.8	25494.9	ø 8/12.5'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

124	Ft. 39	-165654.2	4902	4215	-409.9
	Fc. 37	-176782.1	4915	5190	-1424.7
	ClMax 37	-176782.1	4915	5190	-100.1
	ClMed 37	-176782.1	4915	5190	-61.4
224	Ft. 39	-162841.7	-541	-5182	-564.2
	Fc. 37	-173969.6	-546	-6141	-1239.9
	ClMax 37	-173969.6	-546	-6141	-86.0
	ClMed 37	-173969.6	-546	-6141	-60.5

Combinazioni Frequenti

124	Ft. 42	-160925.7	4897	3883	-402.0
	Fc. 40	-164637.1	4903	4208	-1311.8
	ClMax 40	-164637.1	4903	4208	-92.1
	ClMed 40	-164637.1	4903	4208	-57.2
224	Ft. 42	-158113.2	-539	-4856	-555.8
	Fc. 40	-161824.6	-541	-5175	-1128.3
	ClMax 40	-161824.6	-541	-5175	-78.1
	ClMed 40	-161824.6	-541	-5175	-56.2

Combinazioni Quasi Permanenti

124	Ft. 43	-160927.8	4899	3883	-402.0
	Fc. 43	-160927.8	4899	3883	-1276.1
	ClMax 43	-160927.8	4899	3883	-89.5
	ClMed 43	-160927.8	4899	3883	-55.9
224	Ft. 43	-158115.3	-540	-4856	-555.8
	Fc. 43	-158115.3	-540	-4856	-1092.9
	ClMax 43	-158115.3	-540	-4856	-75.6
	ClMed 43	-158115.3	-540	-4856	-55.0

Pilastro: 224/324 / L 3.25[m] / Sezione 7 B 50 [cm]H 50 [cm]

Af: 8 ø 20 Af=25.13 [cm²] < 1φ20 x 4 V + 1φ20 x 2 B + 1φ20 x 2 H >

Staffe: ø 8/12.5' x 54.2+ø 8/20.0' x 216.7+ø 8/12.5' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
224	17	-142872.8	-1974	22046	0.61
324	19	-140525.4	-4686	-22377	0.63

Verifiche a Taglio						Staffe
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	
0.23	0.77	3668.2	25494.9	12157.6	25494.9	ø 8/12.5'
0.77	2.93	3668.2	15934.3	12157.6	15934.3	ø 8/20.0'
2.93	3.47	3668.2	25494.9	12157.6	25494.9	ø 8/12.5'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
224	Ft. 37	-129975.9	-828	8366	-220.1
	Fc. 37	-129975.9	-828	8366	-1135.3
	ClsMax 37	-129975.9	-828	8366	-80.3
	ClsMed 37	-129975.9	-828	8366	-45.2
324	Ft. 37	-127663.4	-2817	-7882	-133.1
	Fc. 37	-127663.4	-2817	-7882	-1198.1
	ClsMax 37	-127663.4	-2817	-7882	-85.3
	ClsMed 37	-127663.4	-2817	-7882	-44.4

Combinazioni Frequenti					
224	Ft. 40	-121393.5	-830	7213	-232.6
	Fc. 40	-121393.5	-830	7213	-1033.2
	ClsMax 40	-121393.5	-830	7213	-72.9
	ClsMed 40	-121393.5	-830	7213	-42.2
324	Ft. 40	-119081.0	-2823	-6760	-143.9
	Fc. 40	-119081.0	-2823	-6760	-1097.8
	ClsMax 40	-119081.0	-2823	-6760	-78.0
	ClsMed 40	-119081.0	-2823	-6760	-41.4

Combinazioni Quasi Permanenti					
224	Ft. 43	-118868.2	-832	6834	-238.2
	Fc. 43	-118868.2	-832	6834	-1001.3
	ClsMax 43	-118868.2	-832	6834	-70.6
	ClsMed 43	-118868.2	-832	6834	-41.3
324	Ft. 43	-116555.7	-2824	-6393	-148.9
	Fc. 43	-116555.7	-2824	-6393	-1066.5
	ClsMax 43	-116555.7	-2824	-6393	-75.7
	ClsMed 43	-116555.7	-2824	-6393	-40.5

Pilastro: 324/424 / L 3.25[m] / Sezione 7 B 50 [cm]H 50 [cm]

Af: 8 ø 20 Af=25.13 [cm²] < 1φ20 x 4 V + 1φ20 x 2 B + 1φ20 x 2 H >

Staffe: ø 8/12.5' x 54.2+ø 8/20.0' x 216.7+ø 8/12.5' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
324	19	-84111.1	5801	18403	0.53
424	18	-80575.9	1494	-20832	0.55

Verifiche a Taglio						Staffe
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	
0.23	0.77	4402.3	25494.9	10789.6	25494.9	ø 8/12.5'
0.77	2.93	4402.3	15934.3	10789.6	15934.3	ø 8/20.0'
2.93	3.47	4402.3	25494.9	10789.6	25494.9	ø 8/12.5'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
324	Ft. 37	-78624.7	3449	7904	193.1
	Fc. 37	-78624.7	3449	7904	-996.5
	ClisMax 37	-78624.7	3449	7904	-72.5
	ClisMed 37	-78624.7	3449	7904	-30.5
424	Ft. 37	-76312.2	36	-8266	27.0
	Fc. 37	-76312.2	36	-8266	-815.7
	ClisMax 37	-76312.2	36	-8266	-58.6
	ClisMed 37	-76312.2	36	-8266	-29.3

Combinazioni Frequenti					
324	Ft. 40	-73696.7	3421	6722	144.4
	Fc. 40	-73696.7	3421	6722	-902.9
	ClisMax 40	-73696.7	3421	6722	-65.5
	ClisMed 40	-73696.7	3421	6722	-27.8
424	Ft. 40	-71384.2	42	-6999	-19.9
	Fc. 40	-71384.2	42	-6999	-723.4
	ClisMax 40	-71384.2	42	-6999	-51.8
	ClisMed 40	-71384.2	42	-6999	-25.8

Combinazioni Quasi Permanenti					
324	Ft. 43	-72386.2	3413	6326	126.6
	Fc. 43	-72386.2	3413	6326	-873.5
	ClisMax 43	-72386.2	3413	6326	-63.3
	ClisMed 43	-72386.2	3413	6326	-27.0
424	Ft. 43	-70073.7	46	-6564	-36.1
	Fc. 43	-70073.7	46	-6564	-694.5
	ClisMax 43	-70073.7	46	-6564	-49.6
	ClisMed 43	-70073.7	46	-6564	-24.7

Pilastro: 424/524 / L 3.25[m] / Sezione 7 B 50 [cm]H 50 [cm]

Af: 8 ø 20 Af=25.13 [cm²] < 1φ20 x 4 V + 1φ20 x 2 B + 1φ20 x 2 H >

Staffe: ø 8/12.5' x 54.2+ø 8/20.0' x 216.7+ø 8/12.5' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
424	22	-32521.6	-3319	13833	0.45
524	19	-30915.7	-5282	-16978	0.62

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	4990.1	25494.9	8591.2	25494.9	ø 8/12.5'
0.77	2.93	4990.1	15934.3	8591.2	15934.3	ø 8/20.0'
2.93	3.48	4990.1	25494.9	8591.2	25494.9	ø 8/12.5'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
424	Ft. 37	-30648.2	-620	8758	899.2
	Fc. 37	-30648.2	-620	8758	-769.0
	ClsMax 37	-30648.2	-620	8758	-59.7
	ClsMed 37	-30648.2	-620	8758	-27.8
524	Ft. 37	-28335.7	-1983	-9356	1235.2
	Fc. 37	-28335.7	-1983	-9356	-931.6
	ClsMax 37	-28335.7	-1983	-9356	-73.1
	ClsMed 37	-28335.7	-1983	-9356	-30.1

Combinazioni Frequenti					
424	Ft. 40	-29466.4	-646	7652	714.6
	Fc. 40	-29466.4	-646	7652	-684.9
	ClsMax 40	-29466.4	-646	7652	-52.8
	ClsMed 40	-29466.4	-646	7652	-24.4
524	Ft. 40	-27153.9	-1947	-8477	1085.3
	Fc. 41	-27459.7	-1945	-8511	-861.4
	ClsMax 41	-27459.7	-1945	-8511	-67.3
	ClsMed 41	-27459.7	-1945	-8511	-27.5

Combinazioni Quasi Permanenti					
424	Ft. 43	-29390.0	-653	7336	655.5
	Fc. 43	-29390.0	-653	7336	-661.0
	ClsMax 43	-29390.0	-653	7336	-50.7
	ClsMed 43	-29390.0	-653	7336	-23.4
524	Ft. 43	-27077.5	-1938	-8333	1056.7
	Fc. 43	-27077.5	-1938	-8333	-846.6
	ClsMax 43	-27077.5	-1938	-8333	-66.1
	ClsMed 43	-27077.5	-1938	-8333	-26.9

Pilastro: 25/125 / L 4.75[m] / Sezione 2 B 60 [cm]H 60 [cm]

Af: 8 ø 24 Af=36.19 [cm²] < 1φ24 x 4 V + 1φ24 x 2 B + 1φ24 x 2 H >

Staffe: ø 8/15.0' x 79.2+ø 8/20.0' x 316.7+ø 8/15.0' x 79.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
25	22	-280766.8	-1516	43044	0.73
125	22	-276266.8	-1492	-29612	0.60

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	1218.2	25756.6	16361.2	25756.6	ø 8/15.0'
0.79	3.96	1218.2	19317.4	16361.2	19317.4	ø 8/20.0'
3.96	4.75	1218.2	25756.6	16361.2	25756.6	ø 8/15.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
25	Ft. 39	-215351.7	587	-1559	-717.3
	Fc. 37	-237723.6	599	-1838	-931.6
	ClSMax 37	-237723.6	599	-1838	-62.7
	ClSMed 37	-237723.6	599	-1838	-57.4
125	Ft. 39	-210851.7	-947	3327	-639.1
	Fc. 37	-233223.6	-940	3885	-984.8
	ClSMax 37	-233223.6	-940	3885	-66.9
	ClSMed 37	-233223.6	-940	3885	-56.3

Combinazioni Frequenti					
25	Ft. 42	-206188.5	582	-1465	-687.0
	Fc. 40	-213572.9	587	-1560	-835.7
	ClSMax 40	-213572.9	587	-1560	-56.3
	ClSMed 40	-213572.9	587	-1560	-51.6
125	Ft. 42	-201688.5	-948	3138	-611.3
	Fc. 40	-209072.9	-946	3327	-881.3
	ClSMax 40	-209072.9	-946	3327	-59.9
	ClSMed 40	-209072.9	-946	3327	-50.5

Combinazioni Quasi Permanenti					
25	Ft. 43	-206115.5	583	-1467	-686.6
	Fc. 43	-206115.5	583	-1467	-805.9
	ClSMax 43	-206115.5	583	-1467	-54.3
	ClSMed 43	-206115.5	583	-1467	-49.8
125	Ft. 43	-201615.5	-948	3141	-611.0
	Fc. 43	-201615.5	-948	3141	-849.0
	ClSMax 43	-201615.5	-948	3141	-57.6
	ClSMed 43	-201615.5	-948	3141	-48.7

Pilastro: 125/225 / L 4.02[m] / Sezione 2 B 60 [cm]II 60 [cm]

Af: 12 ø 22 Af=45.62 [cm²] < 1ø22 x 4 V + 2ø22 x 2 B + 2ø22 x 2 H >

Staffe: ø 8/12.5' x 402.5

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
125	3	-111245.1	1761	-64284	1.00	
225	3	-107195.1	605	62312	0.97	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	4.27	580.5	30907.9	28126.6	30907.9	ø 8/12.5'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
125	Ft. 39	-166104.3	740	-6406	-380.9	
	Fc. 37	-182345.6	751	-7301	-864.6	
	ClsMax 37	-182345.6	751	-7301	-59.6	
	ClsMed 37	-182345.6	751	-7301	-42.6	
225	Ft. 39	-162054.3	418	7858	-334.9	
	Fc. 37	-178295.6	420	8785	-882.8	
	ClsMax 37	-178295.6	420	8785	-61.1	
	ClsMed 37	-178295.6	420	8785	-41.6	

Combinazioni Frequenti						
125	Ft. 42	-158960.8	736	-6099	-364.6	
	Fc. 40	-164309.1	741	-6406	-776.0	
	ClsMax 40	-164309.1	741	-6406	-53.4	
	ClsMed 40	-164309.1	741	-6406	-38.4	
225	Ft. 42	-154910.8	415	7537	-319.0	
	Fc. 40	-160259.1	416	7856	-793.4	
	ClsMax 40	-160259.1	416	7856	-54.9	
	ClsMed 40	-160259.1	416	7856	-37.4	

Combinazioni Quasi Permanenti						
125	Ft. 43	-158895.3	737	-6107	-364.1	
	Fc. 43	-158895.3	737	-6107	-748.5	
	ClsMax 43	-158895.3	737	-6107	-51.5	
	ClsMed 43	-158895.3	737	-6107	-37.1	
225	Ft. 43	-154845.3	415	7547	-318.5	
	Fc. 43	-154845.3	415	7547	-765.8	
	ClsMax 43	-154845.3	415	7547	-53.0	
	ClsMed 43	-154845.3	415	7547	-36.1	

Pilastro: 225/325 / L 3.25[m] / Sezione 3 B 60 [cm]H 50 [cm]

Af: 8 ø 24 Af=36.19 [cm²] < 1φ24 x 4 V + 1φ24 x 2 B + 1φ24 x 2 H >

Staffe: ø 8/10.0' x 63.0+ø 8/12.5' x 199.0+ø 8/10.0' x 63.0

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
225	3	-84860.2	479	-44069	0.80	
325	3	-82085.2	-920	51790	0.97	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.86	778.5	31868.7	25882.7	38634.8	ø 8/10.0'
0.86	2.84	778.5	25494.9	25882.7	30907.9	ø 8/12.5'
2.84	3.47	778.5	31868.7	25882.7	38634.8	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
225	Ft. 39	-118369.4	-151	-9530	-175.7	
	Fc. 37	-128823.1	-145	-10503	-903.2	
	ClsMax 37	-128823.1	-145	-10503	-63.4	
	ClsMed 37	-128823.1	-145	-10503	-36.4	
325	Ft. 39	-115594.4	-723	10609	-105.1	
	Fc. 37	-126048.1	-729	11691	-954.4	
	ClsMax 37	-126048.1	-729	11691	-67.4	
	ClsMed 37	-126048.1	-729	11691	-35.6	

Combinazioni Frequenti						
225	Ft. 42	-113111.7	-155	-9193	-164.6	
	Fc. 40	-116546.5	-152	-9529	-818.8	
	ClsMax 40	-116546.5	-152	-9529	-57.5	
	ClsMed 40	-116546.5	-152	-9529	-32.9	
325	Ft. 42	-110336.7	-714	10240	-95.6	
	Fc. 40	-113771.5	-715	10613	-865.8	
	ClsMax 40	-113771.5	-715	10613	-61.2	
	ClsMed 40	-113771.5	-715	10613	-32.1	

Combinazioni Quasi Permanenti						
225	Ft. 43	-113061.9	-154	-9204	-164.1	
	Fc. 43	-113061.9	-154	-9204	-793.3	
	ClsMax 43	-113061.9	-154	-9204	-55.7	
	ClsMed 43	-113061.9	-154	-9204	-31.9	
325	Ft. 43	-110286.9	-713	10253	-95.0	
	Fc. 43	-110286.9	-713	10253	-838.9	
	ClsMax 43	-110286.9	-713	10253	-59.3	
	ClsMed 43	-110286.9	-713	10253	-31.1	

Pilastro: 325/425 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1φ22 x 4 V + 1φ22 x 2 B + 1φ22 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
325	3	-55816.3	609	-26646	0.77	
425	3	-53966.3	112	31195	0.92	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	311.5	25102.5	15629.0	31868.7	ø 8/10.0'
0.77	2.93	311.5	12551.2	15629.0	15934.3	ø 8/20.0'
2.93	3.47	311.5	25102.5	15629.0	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
325	Ft. 37	-77871.3	341	-7038	-56.4	
	Fc. 37	-77871.3	341	-7038	-894.8	
	ClSMax 37	-77871.3	341	-7038	-64.1	
	ClSMed 37	-77871.3	341	-7038	-31.7	
425	Ft. 37	-76021.3	234	8239	24.0	
	Fc. 37	-76021.3	234	8239	-947.5	
	ClSMax 37	-76021.3	234	8239	-68.3	
	ClSMed 37	-76021.3	234	8239	-33.5	

Combinazioni Frequenti						
325	Ft. 40	-71215.2	328	-6387	-53.2	
	Fc. 40	-71215.2	328	-6387	-816.6	
	ClSMax 40	-71215.2	328	-6387	-58.5	
	ClSMed 40	-71215.2	328	-6387	-29.0	
425	Ft. 40	-69365.2	220	7474	19.3	
	Fc. 40	-69365.2	220	7474	-862.3	
	ClSMax 40	-69365.2	220	7474	-62.2	
	ClSMed 40	-69365.2	220	7474	-30.4	

Combinazioni Quasi Permanenti						
325	Ft. 43	-69610.1	325	-6164	-56.1	
	Fc. 43	-69610.1	325	-6164	-794.1	
	ClSMax 43	-69610.1	325	-6164	-56.9	
	ClSMed 43	-69610.1	325	-6164	-28.3	
425	Ft. 43	-67760.2	220	7210	12.7	
	Fc. 43	-67760.2	220	7210	-837.1	
	ClSMax 43	-67760.2	220	7210	-60.3	
	ClSMed 43	-67760.2	220	7210	-29.5	

Pilastro: 425/525 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
425	3	-26931.3	16	-14721	0.83
525	3	-25451.3	-600	15797	0.93

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	407.6	25102.5	8247.9	25102.5	ø 8/10.0'
0.77	2.93	407.6	12551.2	8247.9	12551.2	ø 8/20.0'
2.93	3.48	407.6	25102.5	8247.9	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

425	Ft. 37	-28680.3	-137	-5403	693.6
	Fc. 37	-28680.3	-137	-5403	-828.8
	ClsMax 37	-28680.3	-137	-5403	-64.9
	ClsMed 37	-28680.3	-137	-5403	-31.7
525	Ft. 37	-27200.3	-286	5785	887.1
	Fc. 37	-27200.3	-286	5785	-893.7
	ClsMax 37	-27200.3	-286	5785	-70.9
	ClsMed 37	-27200.3	-286	5785	-33.8

Combinazioni Frequenti

425	Ft. 40	-27610.4	-134	-4975	599.7
	Fc. 40	-27610.4	-134	-4975	-768.7
	ClsMax 40	-27610.4	-134	-4975	-59.9
	ClsMed 40	-27610.4	-134	-4975	-29.2
525	Ft. 40	-26130.4	-273	5395	800.4
	Fc. 40	-26130.4	-273	5395	-837.4
	ClsMax 40	-26130.4	-273	5395	-66.2
	ClsMed 40	-26130.4	-273	5395	-31.6

Combinazioni Quasi Permanenti

425	Ft. 43	-27895.6	-133	-4843	551.6
	Fc. 43	-27895.6	-133	-4843	-752.6
	ClsMax 43	-27895.6	-133	-4843	-58.5
	ClsMed 43	-27895.6	-133	-4843	-28.5
525	Ft. 43	-26415.6	-273	5289	756.6
	Fc. 43	-26415.6	-273	5289	-824.6
	ClsMax 43	-26415.6	-273	5289	-65.0
	ClsMed 43	-26415.6	-273	5289	-31.0

Pilastro: 29/129 / L 4.75[m] / Sezione 2 B 60 [cm]H 60 [cm]

Af: 8 ø 24 Af=36.19 [cm²] < 1φ24 x 4 V + 1φ24 x 2 B + 1φ24 x 2 H >

Staffe: ø 8/15.0' x 79.2+ø 8/25.0' x 316.7+ø 8/15.0' x 79.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
29	6	-310699.3	-3629	-41432	0.75	
129	36	-473134.0	9063	-5436	0.74	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	2669.2	25756.6	14946.0	25756.6	ø 8/15.0'
0.79	3.96	2669.2	15453.9	14946.0	15453.9	ø 8/25.0'
3.96	4.75	2669.2	25756.6	14946.0	25756.6	ø 8/15.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
29	Ft. 39	-299664.1	-2394	1449	-973.1	
	Fc. 37	-330115.3	-2773	1701	-1325.4	
	ClisMax 37	-330115.3	-2773	1701	-89.5	
	ClisMed 37	-330115.3	-2773	1701	-79.7	
129	Ft. 39	-295164.1	5079	-2872	-837.3	
	Fc. 37	-325615.3	5878	-3407	-1449.2	
	ClisMax 37	-325615.3	5878	-3407	-99.0	
	ClisMed 37	-325615.3	5878	-3407	-78.6	

Combinazioni Frequenti						
29	Ft. 42	-284147.4	-2269	1353	-923.4	
	Fc. 40	-294290.8	-2394	1437	-1177.0	
	ClisMax 40	-294290.8	-2394	1437	-79.5	
	ClisMed 40	-294290.8	-2394	1437	-71.0	
129	Ft. 42	-279647.4	4812	-2669	-794.8	
	Fc. 40	-289790.8	5079	-2848	-1279.9	
	ClisMax 40	-289790.8	5079	-2848	-87.4	
	ClisMed 40	-289790.8	5079	-2848	-69.9	

Combinazioni Quasi Permanenti						
29	Ft. 43	-284140.4	-2268	1353	-923.4	
	Fc. 43	-284140.4	-2268	1353	-1134.2	
	ClisMax 43	-284140.4	-2268	1353	-76.5	
	ClisMed 43	-284140.4	-2268	1353	-68.6	
129	Ft. 43	-279640.4	4812	-2670	-794.8	
	Fc. 43	-279640.4	4812	-2670	-1230.2	
	ClisMax 43	-279640.4	4812	-2670	-83.9	
	ClisMed 43	-279640.4	4812	-2670	-67.5	

Pilastro: 129/229 / L 4.02[m] / Sezione 2 B 60 [cm]H 60 [cm]

Af: 8 ø 24 Af=36.19 [cm²] < 1φ24 x 4 V + 1φ24 x 2 B + 1φ24 x 2 H >

Staffe: ø 8/15.0' x 402.5

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
129	19	-205229.0	-7396	57141	0.86
229	19	-201179.0	8549	-55137	0.84

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	4.27	6609.5	25756.6	24942.5	25756.6	ø 8/15.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
129	Ft. 39	-234527.7	-8662	5850	-426.9
	Fc. 37	-257092.8	-9872	6758	-1414.8
	ClSMax 37	-257092.8	-9872	6758	-98.6
	ClSMed 37	-257092.8	-9872	6758	-62.1
229	Ft. 39	-230477.7	9181	-6673	-373.1
	Fc. 37	-253042.8	10308	-7567	-1436.4
	ClSMax 37	-253042.8	10308	-7567	-100.3
	ClSMed 37	-253042.8	10308	-7567	-61.1

Combinazioni Frequenti					
129	Ft. 42	-221605.5	-8258	5493	-402.2
	Fc. 40	-229121.1	-8661	5797	-1250.3
	ClSMax 40	-229121.1	-8661	5797	-87.1
	ClSMed 40	-229121.1	-8661	5797	-55.3
229	Ft. 42	-217555.5	8806	-6308	-347.9
	Fc. 40	-225071.1	9182	-6607	-1274.4
	ClSMax 40	-225071.1	9182	-6607	-89.0
	ClSMed 40	-225071.1	9182	-6607	-54.3

Combinazioni Quasi Permanenti					
129	Ft. 43	-221599.4	-8258	5494	-402.2
	Fc. 43	-221599.4	-8258	5494	-1202.5
	ClSMax 43	-221599.4	-8258	5494	-83.7
	ClSMed 43	-221599.4	-8258	5494	-53.5
229	Ft. 43	-217549.4	8806	-6309	-347.8
	Fc. 43	-217549.4	8806	-6309	-1227.5
	ClSMax 43	-217549.4	8806	-6309	-85.7
	ClSMed 43	-217549.4	8806	-6309	-52.5

Pilastro: 229/329 / L 3.25[m] / Sezione 3 B 60 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1φ22 x 4 V + 1φ22 x 2 B + 1φ22 x 2 H >

Staffe: ø 8/12.5' x 60.0+ø 8/15.0' x 205.0+ø 8/12.5' x 60.0

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
229	19	-147775.2	-7048	38777	0.73
329	19	-145000.2	8592	-46540	0.89

Verifiche a Taglio						Staffe
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	
0.23	0.83	7542.5	25494.9	23020.0	30907.9	ø 8/12.5'
0.83	2.87	7542.5	21245.8	23020.0	25756.6	ø 8/15.0'
2.87	3.47	7542.5	25494.9	23020.0	30907.9	ø 8/12.5'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
229	Ft. 37	-185493.2	-8978	9827	-91.0
	Fc. 37	-185493.2	-8978	9827	-1519.1
	ClisMax 37	-185493.2	-8978	9827	-108.1
	ClisMed 37	-185493.2	-8978	9827	-53.7
329	Ft. 37	-182718.2	10560	-10873	25.5
	Fc. 37	-182718.2	10560	-10873	-1610.6
	ClisMax 37	-182718.2	10560	-10873	-115.2
	ClisMed 37	-182718.2	10560	-10873	-53.5

Combinazioni Frequenti					
229	Ft. 40	-165188.3	-8070	8677	-80.5
	Fc. 40	-165188.3	-8070	8677	-1353.3
	ClisMax 40	-165188.3	-8070	8677	-96.3
	ClisMed 40	-165188.3	-8070	8677	-47.8
329	Ft. 40	-162413.3	9462	-9581	22.9
	Fc. 40	-162413.3	9462	-9581	-1431.8
	ClisMax 40	-162413.3	9462	-9581	-102.4
	ClisMed 40	-162413.3	9462	-9581	-47.6

Combinazioni Quasi Permanenti					
229	Ft. 43	-160246.3	-7768	8323	-83.9
	Fc. 43	-160246.3	-7768	8323	-1307.0
	ClisMax 43	-160246.3	-7768	8323	-93.0
	ClisMed 43	-160246.3	-7768	8323	-46.4
329	Ft. 43	-157471.3	9097	-9182	14.9
	Fc. 43	-157471.3	9097	-9182	-1381.1
	ClisMax 43	-157471.3	9097	-9182	-98.8
	ClisMed 43	-157471.3	9097	-9182	-46.1

Pilastro: 329/429 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 12 ϕ 22 Af=45.62 [cm²] < 2 ϕ 22 x 4 V + 1 ϕ 22 x 2 B + 1 ϕ 22 x 2 H >

Staffe: ϕ 8/10.0' x 54.2+ ϕ 8/20.0' x 216.7+ ϕ 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
329	19	-93197.4	-5296	25073	0.58
429	19	-91347.4	6714	-30217	0.69

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	5841.8	25102.5	14937.6	31868.7	ϕ 8/10.0'
0.77	2.93	5841.8	12551.2	14937.6	15934.3	ϕ 8/20.0'
2.93	3.47	5841.8	25102.5	14937.6	31868.7	ϕ 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm ²]
------	------	-----------	-------------	-------------	-----------------------------------

Combinazioni Rare

329	Ft. 37	-116028.1	-6695	7327	120.3
	Fc. 37	-116028.1	-6695	7327	-1411.7
	ClMax 37	-116028.1	-6695	7327	-103.5
	ClMed 37	-116028.1	-6695	7327	-45.2
429	Ft. 37	-114178.1	8359	-9089	368.1
	Fc. 37	-114178.1	8359	-9089	-1613.9
	ClMax 37	-114178.1	8359	-9089	-119.7
	ClMed 37	-114178.1	8359	-9089	-48.2

Combinazioni Frequenti

329	Ft. 40	-103287.9	-5993	6462	106.2
	Fc. 40	-103287.9	-5993	6462	-1255.8
	ClMax 40	-103287.9	-5993	6462	-92.0
	ClMed 40	-103287.9	-5993	6462	-40.2
429	Ft. 40	-101437.9	7485	-8022	328.7
	Fc. 40	-101437.9	7485	-8022	-1435.2
	ClMax 40	-101437.9	7485	-8022	-106.5
	ClMed 40	-101437.9	7485	-8022	-42.9

Combinazioni Quasi Permanenti

329	Ft. 43	-100894.6	-5759	6203	91.1
	Fc. 43	-100894.6	-5759	6203	-1214.8
	ClMax 43	-100894.6	-5759	6203	-89.0
	ClMed 43	-100894.6	-5759	6203	-39.1
429	Ft. 43	-99044.6	7195	-7711	303.5
	Fc. 43	-99044.6	7195	-7711	-1386.2
	ClMax 43	-99044.6	7195	-7711	-102.7
	ClMed 43	-99044.6	7195	-7711	-41.6

Pilastro: 429/529 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
429	19	-42008.5	-3607	13755	0.75
529	19	-40528.5	687	-14458	0.74

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	2136.9	25102.5	7624.4	25102.5	ø 8/10.0'
0.77	2.93	2136.9	12551.2	7624.4	12551.2	ø 8/20.0'
2.93	3.48	2136.9	25102.5	7624.4	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
429	Ft. 37	-48873.0	-4529	5061	815.0	
	Fc. 37	-48873.0	-4529	5061	-1411.4	
	ClsMax 37	-48873.0	-4529	5061	-108.2	
	ClsMed 37	-48873.0	-4529	5061	-38.3	
529	Ft. 37	-47393.0	977	-4683	197.2	
	Fc. 37	-47393.0	977	-4683	-913.9	
	ClsMax 37	-47393.0	977	-4683	-68.0	
	ClsMed 37	-47393.0	977	-4683	-30.1	

Combinazioni Frequenti						
429	Ft. 40	-43555.8	-4052	4469	720.8	
	Fc. 40	-43555.8	-4052	4469	-1254.2	
	ClsMax 40	-43555.8	-4052	4469	-96.2	
	ClsMed 40	-43555.8	-4052	4469	-34.0	
529	Ft. 40	-42075.8	865	-4144	172.4	
	Fc. 40	-42075.8	865	-4144	-809.3	
	ClsMax 40	-42075.8	865	-4144	-60.2	
	ClsMed 40	-42075.8	865	-4144	-26.7	

Combinazioni Quasi Permanenti						
429	Ft. 43	-43698.9	-3893	4300	650.5	
	Fc. 43	-43698.9	-3893	4300	-1208.8	
	ClsMax 43	-43698.9	-3893	4300	-92.4	
	ClsMed 43	-43698.9	-3893	4300	-33.0	
529	Ft. 43	-42218.9	826	-3994	142.4	
	Fc. 43	-42218.9	826	-3994	-788.2	
	ClsMax 43	-42218.9	826	-3994	-58.5	
	ClsMed 43	-42218.9	826	-3994	-26.0	

Pilastro: 30/130 / L 4.75[m] / Sezione 2 B 60 [cm]H 60 [cm]

Af: 8 ø 24 Af=36.19 [cm²] < 1φ24 x 4 V + 1φ24 x 2 B + 1φ24 x 2 H >

Staffe: ø 8/15.0' x 79.2+ø 8/25.0' x 316.7+ø 8/15.0' x 79.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
30	36	-516627.6	-66	-202	0.74
130	36	-510327.6	309	460	0.73

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	573.3	25756.6	12920.4	25756.6	ø 8/15.0'
0.79	3.96	573.3	15453.9	12920.4	15453.9	ø 8/25.0'
3.96	4.75	573.3	25756.6	12920.4	25756.6	ø 8/15.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

30	Ft. 39	-322609.8	-10	-41	-1166.6
	Fc. 37	-355552.1	-28	-73	-1290.3
	ClMax 37	-355552.1	-28	-73	-86.0
	ClMed 37	-355552.1	-28	-73	-85.8
130	Ft. 39	-318109.8	125	199	-1142.4
	Fc. 37	-351052.1	176	249	-1283.4
	ClMax 37	-351052.1	176	249	-85.7
	ClMed 37	-351052.1	176	249	-84.7

Combinazioni Frequenti

30	Ft. 42	-305733.2	-4	-31	-1105.9
	Fc. 40	-316714.5	-10	-42	-1148.2
	ClMax 40	-316714.5	-10	-42	-76.6
	ClMed 40	-316714.5	-10	-42	-76.4
130	Ft. 42	-301233.2	107	183	-1082.2
	Fc. 40	-312214.5	124	200	-1139.9
	ClMax 40	-312214.5	124	200	-76.1
	ClMed 40	-312214.5	124	200	-75.4

Combinazioni Quasi Permanenti

30	Ft. 43	-305733.8	-4	-31	-1106.0
	Fc. 43	-305733.8	-4	-31	-1108.0
	ClMax 43	-305733.8	-4	-31	-73.9
	ClMed 43	-305733.8	-4	-31	-73.8
130	Ft. 43	-301233.8	107	183	-1082.2
	Fc. 43	-301233.8	107	183	-1099.1
	ClMax 43	-301233.8	107	183	-73.3
	ClMed 43	-301233.8	107	183	-72.7

Pilastro: 130/230 / L 4.02[m] / Sezione 2 B 60 [cm]H 60 [cm]

Af: 8 ϕ 24 Af=36.19 [cm²] < 1 ϕ 24 x 4 V + 1 ϕ 24 x 2 B + 1 ϕ 24 x 2 H >

Staffe: ϕ 8/15.0' x 402.5

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
130	8	-242790.1	601	-46502	0.72
230	8	-238740.1	41	45543	0.70

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	4.27	578.4	25756.6	20443.2	25756.6	ϕ 8/15.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm ²]
------	------	-----------	-------------	-------------	-----------------------------------

Combinazioni Rare

130	Ft. 39	-255223.8	-155	-75	-917.4
	Fc. 37	-279966.8	-219	-113	-1023.3
	ClsMax 37	-279966.8	-219	-113	-68.3
	ClsMed 37	-279966.8	-219	-113	-67.6
230	Ft. 39	-251173.8	190	221	-897.5
	Fc. 37	-275916.8	247	262	-1013.8
	ClsMax 37	-275916.8	247	262	-67.7
	ClsMed 37	-275916.8	247	262	-66.6

Combinazioni Frequenti

130	Ft. 42	-241079.2	-132	-65	-867.1
	Fc. 40	-249327.4	-153	-78	-909.5
	ClsMax 40	-249327.4	-153	-78	-60.7
	ClsMed 40	-249327.4	-153	-78	-60.2
230	Ft. 42	-237029.2	169	211	-847.2
	Fc. 40	-245277.4	189	224	-900.1
	ClsMax 40	-245277.4	189	224	-60.1
	ClsMed 40	-245277.4	189	224	-59.2

Combinazioni Quasi Permanenti

130	Ft. 43	-241079.8	-132	-65	-867.1
	Fc. 43	-241079.8	-132	-65	-878.6
	ClsMax 43	-241079.8	-132	-65	-58.6
	ClsMed 43	-241079.8	-132	-65	-58.2
230	Ft. 43	-237029.8	169	211	-847.1
	Fc. 43	-237029.8	169	211	-869.3
	ClsMax 43	-237029.8	169	211	-58.0
	ClsMed 43	-237029.8	169	211	-57.2

Pilastro: 230/330 / L 3.25[m] / Sezione 3 B 60 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1φ22 x 4 V + 1φ22 x 2 B + 1φ22 x 2 H >

Staffe: ø 8/12.5' x 60.0+ø 8/20.0' x 205.0+ø 8/12.5' x 60.0

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
230	17	-178037.7	-809	27980	0.56
330	17	-175262.7	712	-33919	0.63

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.83	921.6	25494.9	16688.2	30907.9	ø 8/12.5'
0.83	2.87	921.6	15934.3	16688.2	19317.4	ø 8/20.0'
2.87	3.47	921.6	25494.9	16688.2	30907.9	ø 8/12.5'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
230	Ft. 39	-188229.3	-271	113	-801.8
	Fc. 37	-204801.3	-328	129	-906.9
	ClisMax 37	-204801.3	-328	129	-60.6
	ClisMed 37	-204801.3	-328	129	-59.3
330	Ft. 39	-185454.3	383	-2	-789.0
	Fc. 37	-202026.3	467	-0	-896.1
	ClisMax 37	-202026.3	467	-0	-59.9
	ClisMed 37	-202026.3	467	-0	-58.5

Combinazioni Frequenti					
230	Ft. 42	-176806.7	-249	105	-753.4
	Fc. 40	-182331.2	-268	110	-806.2
	ClisMax 40	-182331.2	-268	110	-53.9
	ClisMed 40	-182331.2	-268	110	-52.8
330	Ft. 42	-174031.7	350	3	-740.7
	Fc. 40	-179556.2	378	3	-795.0
	ClisMax 40	-179556.2	378	3	-53.2
	ClisMed 40	-179556.2	378	3	-52.0

Combinazioni Quasi Permanenti					
230	Ft. 43	-176807.3	-249	105	-753.4
	Fc. 43	-176807.3	-249	105	-781.3
	ClisMax 43	-176807.3	-249	105	-52.2
	ClisMed 43	-176807.3	-249	105	-51.2
330	Ft. 43	-174032.3	350	3	-740.8
	Fc. 43	-174032.3	350	3	-769.9
	ClisMax 43	-174032.3	350	3	-51.5
	ClisMed 43	-174032.3	350	3	-50.4

Pilastro: 330/430 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 o 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
330	8	-114782.8	-308	-16364	0.57	
430	8	-112932.8	795	19483	0.64	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	1011.6	25102.5	9680.0	31868.7	ø 8/10.0'
0.77	2.93	1011.6	12551.2	9680.0	15934.3	ø 8/20.0'
2.93	3.47	1011.6	25102.5	9680.0	31868.7	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
330	Ft. 39	-122404.8	-636	-162	-737.9	
	Fc. 37	-130774.2	-733	-185	-918.1	
	ClsMax 37	-130774.2	-733	-185	-62.0	
	ClsMed 37	-130774.2	-733	-185	-56.7	
430	Ft. 39	-120554.8	1156	394	-672.0	
	Fc. 37	-128924.2	1312	441	-966.1	
	ClsMax 37	-128924.2	1312	441	-65.9	
	ClsMed 37	-128924.2	1312	441	-55.9	
Combinazioni Frequenti						
330	Ft. 42	-113713.8	-603	-153	-684.5	
	Fc. 40	-116504.1	-635	-161	-816.4	
	ClsMax 40	-116504.1	-635	-161	-55.1	
	ClsMed 40	-116504.1	-635	-161	-50.5	
430	Ft. 42	-111863.8	1100	373	-621.0	
	Fc. 40	-114654.1	1152	389	-857.8	
	ClsMax 40	-114654.1	1152	389	-58.5	
	ClsMed 40	-114654.1	1152	389	-49.7	
Combinazioni Quasi Permanenti						
330	Ft. 43	-113714.3	-603	-154	-684.5	
	Fc. 43	-113714.3	-603	-154	-795.3	
	ClsMax 43	-113714.3	-603	-154	-53.7	
	ClsMed 43	-113714.3	-603	-154	-49.3	
430	Ft. 43	-111864.3	1100	373	-621.0	
	Fc. 43	-111864.3	1100	373	-834.7	
	ClsMax 43	-111864.3	1100	373	-56.9	
	ClsMed 43	-111864.3	1100	373	-48.5	

Pilastro: 430/530 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ϕ 18 Af=20.36 [cm²] < 1 ϕ 18 x 4 V + 1 ϕ 18 x 2 B + 1 ϕ 18 x 2 H >

Staffe: ϕ 8/10.0' x 54.2+ ϕ 8/20.0' x 216.7+ ϕ 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
430	8	-52162.2	-85	-7798	0.37
530	8	-50682.2	-868	8812	0.41

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	630.6	25102.5	4487.8	25102.5	ϕ 8/10.0'
0.77	2.93	630.6	12551.2	4487.8	12551.2	ϕ 8/20.0'
2.93	3.48	630.6	25102.5	4487.8	25102.5	ϕ 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm ²]
------	------	-----------	-------------	-------------	-----------------------------------

Combinazioni Rare

430	Ft. 37	-56655.6	-519	-454	-357.8
	Fc. 38	-61289.5	-440	-448	-563.0
	ClsMax 38	-61289.5	-440	-448	-38.6
	ClsMed 38	-61289.5	-440	-448	-32.2
530	Ft. 37	-55175.6	-472	384	-356.8
	Fc. 38	-59809.5	-460	391	-548.0
	ClsMax 38	-59809.5	-460	391	-37.5
	ClsMed 38	-59809.5	-460	391	-31.4

Combinazioni Frequenti

430	Ft. 40	-50710.2	-431	-411	-322.9
	Fc. 41	-53038.5	-405	-412	-491.6
	ClsMax 41	-53038.5	-405	-412	-33.7
	ClsMed 41	-53038.5	-405	-412	-27.8
530	Ft. 40	-49230.2	-472	351	-312.9
	Fc. 41	-51558.5	-467	356	-480.6
	ClsMax 41	-51558.5	-467	356	-33.0
	ClsMed 41	-51558.5	-467	356	-27.1

Combinazioni Quasi Permanenti

430	Ft. 43	-50687.5	-404	-403	-325.9
	Fc. 43	-50687.5	-404	-403	-472.2
	ClsMax 43	-50687.5	-404	-403	-32.4
	ClsMed 43	-50687.5	-404	-403	-26.6
530	Ft. 43	-49207.5	-470	347	-313.3
	Fc. 43	-49207.5	-470	347	-461.5
	ClsMax 43	-49207.5	-470	347	-31.7
	ClsMed 43	-49207.5	-470	347	-25.8

Pilastro: 31/131 / L 4.75[m] / Sezione 2 B 60 [cm]H 60 [cm]

Af: 8 ø 24 Af=36.19 [cm²] < 1φ24 x 4 V + 1φ24 x 2 B + 1φ24 x 2 H >

Staffe: ø 8/15.0' x 79.2+ø 8/25.0' x 316.7+ø 8/15.0' x 79.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
31	17	-292693.4	-1487	40989	0.72
131	36	-489054.5	24	38	0.70

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	505.8	25756.6	12972.9	25756.6	ø 8/15.0'
0.79	3.96	505.8	15453.9	12972.9	15453.9	ø 8/25.0'
3.96	4.75	505.8	25756.6	12972.9	25756.6	ø 8/15.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
31	Ft. 39	-308147.4	28	63	-1113.1	
	Fc. 37	-340586.6	30	49	-1235.5	
	ClsMax 37	-340586.6	30	49	-82.4	
	ClsMed 37	-340586.6	30	49	-82.2	
131	Ft. 39	-303647.4	7	-17	-1098.7	
	Fc. 37	-336086.6	13	-3	-1217.3	
	ClsMax 37	-336086.6	13	-3	-81.2	
	ClsMed 37	-336086.6	13	-3	-81.1	

Combinazioni Frequenti						
31	Ft. 42	-291481.7	27	68	-1052.6	
	Fc. 40	-302294.7	28	63	-1097.2	
	ClsMax 40	-302294.7	28	63	-73.2	
	ClsMed 40	-302294.7	28	63	-73.0	
131	Ft. 42	-286981.7	5	-21	-1038.3	
	Fc. 40	-297794.7	7	-17	-1078.9	
	ClsMax 40	-297794.7	7	-17	-71.9	
	ClsMed 40	-297794.7	7	-17	-71.9	

Combinazioni Quasi Permanenti						
31	Ft. 43	-291481.7	27	68	-1052.6	
	Fc. 43	-291481.7	27	68	-1058.1	
	ClsMax 43	-291481.7	27	68	-70.6	
	ClsMed 43	-291481.7	27	68	-70.4	
131	Ft. 43	-286981.7	6	-21	-1038.3	
	Fc. 43	-286981.7	6	-21	-1039.8	
	ClsMax 43	-286981.7	6	-21	-69.3	
	ClsMed 43	-286981.7	6	-21	-69.3	

Pilastro: 131/231 / L 4.02[m] / Sezione 2 B 60 [cm] H 60 [cm]

Af: 8 ø 24 Af=36.19 [cm²] < 1φ24 x 4 V + 1φ24 x 2 B + 1φ24 x 2 H >

Staffe: ø 8/15.0' x 402.5

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
131	17	-230340.2	-696	46870	0.71
231	17	-226290.2	-298	-45354	0.69

Verifiche a Taglio						Staffe
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	
0.25	4.27	302.8	25756.6	20483.1	25756.6	ø 8/15.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
131	Ft. 39	-243055.6	17	259	-872.0
	Fc. 37	-267387.1	16	268	-976.4
	ClMax 37	-267387.1	16	268	-65.2
	ClMed 37	-267387.1	16	268	-64.5
231	Ft. 39	-239005.6	-11	-92	-862.4
	Fc. 37	-263337.1	-8	-86	-956.2
	ClMax 37	-263337.1	-8	-86	-63.8
	ClMed 37	-263337.1	-8	-86	-63.6

Combinazioni Frequenti					
131	Ft. 42	-229093.5	18	255	-821.6
	Fc. 40	-237204.0	17	258	-866.8
	ClMax 40	-237204.0	17	258	-57.9
	ClMed 40	-237204.0	17	258	-57.3
231	Ft. 42	-225043.5	-11	-94	-811.8
	Fc. 40	-233154.0	-10	-91	-847.1
	ClMax 40	-233154.0	-10	-91	-56.5
	ClMed 40	-233154.0	-10	-91	-56.3

Combinazioni Quasi Permanenti					
131	Ft. 43	-229093.5	18	254	-821.6
	Fc. 43	-229093.5	18	254	-837.4
	ClMax 43	-229093.5	18	254	-55.9
	ClMed 43	-229093.5	18	254	-55.3
231	Ft. 43	-225043.5	-11	-93	-811.8
	Fc. 43	-225043.5	-11	-93	-817.8
	ClMax 43	-225043.5	-11	-93	-54.5
	ClMed 43	-225043.5	-11	-93	-54.3

Pilastro: 231/331 / L 3.25[m] / Sezione 3 B 60 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1φ22 x 4 V + 1φ22 x 2 B + 1φ22 x 2 H >

Staffe: ø 8/12.5' x 60.0+ø 8/20.0' x 205.0+ø 8/12.5' x 60.0

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
231	17	-168813.5	-363	28068	0.55
331	17	-166038.5	40	-34112	0.62

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.83	331.0	25494.9	16763.1	30907.9	ø 8/12.5'
0.83	2.87	331.0	15934.3	16763.1	19317.4	ø 8/20.0'
2.87	3.47	331.0	25494.9	16763.1	30907.9	ø 8/12.5'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
231	Ft. 39	-178829.9	2	458	-760.0
	Fc. 37	-195044.0	0	502	-864.0
	ClsMax 37	-195044.0	0	502	-57.8
	ClsMed 37	-195044.0	0	502	-56.4
331	Ft. 39	-176054.9	-41	-405	-748.3
	Fc. 37	-192269.0	-37	-439	-851.3
	ClsMax 37	-192269.0	-37	-439	-56.9
	ClsMed 37	-192269.0	-37	-439	-55.6

Combinazioni Frequenti					
231	Ft. 42	-167575.4	4	444	-711.6
	Fc. 40	-172980.1	4	459	-766.9
	ClsMax 40	-172980.1	4	459	-51.3
	ClsMed 40	-172980.1	4	459	-50.0
331	Ft. 42	-164800.4	-43	-394	-699.7
	Fc. 40	-170205.1	-42	-405	-754.6
	ClsMax 40	-170205.1	-42	-405	-50.4
	ClsMed 40	-170205.1	-42	-405	-49.2

Combinazioni Quasi Permanenti					
231	Ft. 43	-167575.4	5	444	-711.6
	Fc. 43	-167575.4	5	444	-743.0
	ClsMax 43	-167575.4	5	444	-49.7
	ClsMed 43	-167575.4	5	444	-48.5
331	Ft. 43	-164800.4	-43	-394	-699.7
	Fc. 43	-164800.4	-43	-394	-730.8
	ClsMax 43	-164800.4	-43	-394	-48.9
	ClsMed 43	-164800.4	-43	-394	-47.7

Pilastro: 331/431 / L 3.25[m] / Sezione 1 B 50 [cm] H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
331	17	-108409.0	-203	16516	0.56
431	17	-106559.0	336	-19545	0.63

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	250.3	25102.5	9737.9	31868.7	ø 8/10.0'
0.77	2.93	250.3	12551.2	9737.9	15934.3	ø 8/20.0'
2.93	3.47	250.3	25102.5	9737.9	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
331	Ft. 39	-115736.2	-87	335	-725.6
	Fc. 37	-123835.7	-102	361	-836.0
	ClMax 37	-123835.7	-102	361	-56.1
	ClMed 37	-123835.7	-102	361	-53.7
431	Ft. 39	-113886.2	253	-407	-696.5
	Fc. 37	-121985.7	287	-439	-842.8
	ClMax 37	-121985.7	287	-439	-56.7
	ClMed 37	-121985.7	287	-439	-52.9

Combinazioni Frequenti					
331	Ft. 42	-107189.6	-83	326	-670.9
	Fc. 40	-109889.4	-87	334	-742.5
	ClMax 40	-109889.4	-87	334	-49.8
	ClMed 40	-109889.4	-87	334	-47.7
431	Ft. 42	-105339.6	241	-394	-642.6
	Fc. 40	-108039.4	252	-405	-747.3
	ClMax 40	-108039.4	252	-405	-50.3
	ClMed 40	-108039.4	252	-405	-46.9

Combinazioni Quasi Permanenti					
331	Ft. 43	-107189.6	-82	325	-670.9
	Fc. 43	-107189.6	-82	325	-724.0
	ClMax 43	-107189.6	-82	325	-48.5
	ClMed 43	-107189.6	-82	325	-46.5
431	Ft. 43	-105339.6	241	-394	-642.6
	Fc. 43	-105339.6	241	-394	-728.2
	ClMax 43	-105339.6	241	-394	-49.0
	ClMed 43	-105339.6	241	-394	-45.7

Pilastro: 431/531 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 o 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
431	17	-49047.5	-177	7496	0.35
531	17	-47567.5	11	-8525	0.39

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	329.0	25102.5	4328.9	25102.5	ø 8/10.0'
0.77	2.93	329.0	12551.2	4328.9	12551.2	ø 8/20.0'
2.93	3.48	329.0	25102.5	4328.9	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

431	Ft. 37	-53659.0	-71	107	-406.3
	Fc. 38	-58338.0	-56	74	-471.0
	ClsMax 38	-58338.0	-56	74	-31.6
	ClsMed 38	-58338.0	-56	74	-30.6
531	Ft. 37	-52179.0	-228	-114	-379.8
	Fc. 38	-56858.0	-218	-83	-474.9
	ClsMax 38	-56858.0	-218	-83	-32.0
	ClsMed 38	-56858.0	-218	-83	-29.8

Combinazioni Frequenti

431	Ft. 40	-47811.5	-52	98	-362.8
	Fc. 41	-50150.9	-47	85	-406.8
	ClsMax 41	-50150.9	-47	85	-27.3
	ClsMed 41	-50150.9	-47	85	-26.3
531	Ft. 40	-46331.5	-226	-106	-334.7
	Fc. 41	-48670.9	-222	-94	-411.7
	ClsMax 41	-48670.9	-222	-94	-27.8
	ClsMed 41	-48670.9	-222	-94	-25.5

Combinazioni Quasi Permanenti

431	Ft. 43	-47811.6	-46	91	-364.0
	Fc. 43	-47811.6	-46	91	-388.8
	ClsMax 43	-47811.6	-46	91	-26.1
	ClsMed 43	-47811.6	-46	91	-25.1
531	Ft. 43	-46331.6	-223	-99	-335.5
	Fc. 43	-46331.6	-223	-99	-394.0
	ClsMax 43	-46331.6	-223	-99	-26.6
	ClsMed 43	-46331.6	-223	-99	-24.3

Pilastro: 32/132 / L 4.75[m] / Sezione 2 B 60 [cm]H 60 [cm]

Af: 8 ø 24 Af=36.19 [cm²] < 1φ24 x 4 V + 1φ24 x 2 B + 1φ24 x 2 H >

Staffe: ø 8/15.0' x 79.2+ø 8/25.0' x 316.7+ø 8/15.0' x 79.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
32	8	-302559.3	2018	-41000	0.73	
132	36	-503184.6	-230	541	0.72	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	725.3	25756.6	13027.0	25756.6	ø 8/15.0'
0.79	3.96	725.3	15453.9	13027.0	15453.9	ø 8/25.0'
3.96	4.75	725.3	25756.6	13027.0	25756.6	ø 8/15.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
32	Ft. 39	-318174.4	93	-109	-1146.1	
	Fc. 37	-350642.6	95	-122	-1275.9	
	ClMax 37	-350642.6	95	-122	-85.1	
	ClMed 37	-350642.6	95	-122	-84.6	
132	Ft. 39	-313674.4	-167	339	-1121.0	
	Fc. 37	-346142.6	-165	350	-1268.3	
	ClMax 37	-346142.6	-165	350	-84.7	
	ClMed 37	-346142.6	-165	350	-83.6	

Combinazioni Frequenti						
32	Ft. 42	-301467.1	93	-105	-1085.8	
	Fc. 40	-312289.8	94	-109	-1136.6	
	ClMax 40	-312289.8	94	-109	-75.8	
	ClMed 40	-312289.8	94	-109	-75.4	
132	Ft. 42	-296967.1	-168	335	-1060.6	
	Fc. 40	-307789.8	-168	339	-1129.1	
	ClMax 40	-307789.8	-168	339	-75.4	
	ClMed 40	-307789.8	-168	339	-74.3	

Combinazioni Quasi Permanenti						
32	Ft. 43	-301467.0	93	-105	-1085.8	
	Fc. 43	-301467.0	93	-105	-1097.3	
	ClMax 43	-301467.0	93	-105	-73.2	
	ClMed 43	-301467.0	93	-105	-72.8	
132	Ft. 43	-296967.0	-168	335	-1060.6	
	Fc. 43	-296967.0	-168	335	-1089.9	
	ClMax 43	-296967.0	-168	335	-72.8	
	ClMed 43	-296967.0	-168	335	-71.7	

Pilastro: 132/232 / L 4.02[m] / Sezione 2 B 60 [cm]H 60 [cm]

Af: 8 ø 24 Af=36.19 [cm²] < 1φ24 x 4 V + 1φ24 x 2 B + 1φ24 x 2 H >

Staffe: ø 8/15.0' x 402.5

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
132	8	-238968.7	1422	-46594	0.72
232	17	-235291.6	-120	-45538	0.70

Verifiche a Taglio						Staffe
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	
0.25	4.27	880.1	25756.6	20466.6	25756.6	ø 8/15.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
132	Ft. 39	-251980.5	288	14	-903.6
	Fc. 37	-276333.4	288	26	-1009.7
	ClsMax 37	-276333.4	288	26	-67.4
	ClsMed 37	-276333.4	288	26	-66.7
232	Ft. 39	-247930.5	-315	-208	-882.4
	Fc. 37	-272283.4	-316	-204	-1001.0
	ClsMax 37	-272283.4	-316	-204	-66.9
	ClsMed 37	-272283.4	-316	-204	-65.7

Combinazioni Frequenti					
132	Ft. 42	-237978.3	289	9	-853.0
	Fc. 40	-246095.9	289	13	-899.8
	ClsMax 40	-246095.9	289	13	-60.1
	ClsMed 40	-246095.9	289	13	-59.4
232	Ft. 42	-233928.3	-316	-210	-831.7
	Fc. 40	-242045.9	-316	-208	-891.6
	ClsMax 40	-242045.9	-316	-208	-59.6
	ClsMed 40	-242045.9	-316	-208	-58.4

Combinazioni Quasi Permanenti					
132	Ft. 43	-237978.2	289	9	-853.0
	Fc. 43	-237978.2	289	9	-870.3
	ClsMax 43	-237978.2	289	9	-58.1
	ClsMed 43	-237978.2	289	9	-57.4
232	Ft. 43	-233928.2	-316	-209	-831.7
	Fc. 43	-233928.2	-316	-209	-862.3
	ClsMax 43	-233928.2	-316	-209	-57.6
	ClsMed 43	-233928.2	-316	-209	-56.5

Pilastro: 232/332 / L 3.25[m] / Sezione 3 B 60 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1φ22 x 4 V + 1φ22 x 2 B + 1φ22 x 2 H >

Staffe: ø 8/12.5' x 60.0+ø 8/20.0' x 205.0+ø 8/12.5' x 60.0

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
232	17	-175238.2	-569	28547	0.56
332	17	-172463.2	230	-34479	0.63

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.83	1179.7	25494.9	16992.2	30907.9	ø 8/12.5'
0.83	2.87	1179.7	15934.3	16992.2	19317.4	ø 8/20.0'
2.87	3.47	1179.7	25494.9	16992.2	30907.9	ø 8/12.5'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

232	Ft. 39	-185292.6	242	851	-764.5
	Fc. 37	-201538.8	240	904	-916.2
	ClMax 37	-201538.8	240	904	-61.5
	ClMed 37	-201538.8	240	904	-58.3
332	Ft. 39	-182517.6	-311	-736	-753.6
	Fc. 37	-198763.8	-308	-788	-902.9
	ClMax 37	-198763.8	-308	-788	-60.6
	ClMed 37	-198763.8	-308	-788	-57.5

Combinazioni Frequenti

232	Ft. 42	-173991.5	246	834	-715.8
	Fc. 40	-179406.9	246	852	-818.5
	ClMax 40	-179406.9	246	852	-54.9
	ClMed 40	-179406.9	246	852	-51.9
332	Ft. 42	-171216.5	-316	-718	-705.0
	Fc. 40	-176631.9	-315	-736	-805.3
	ClMax 40	-176631.9	-315	-736	-54.0
	ClMed 40	-176631.9	-315	-736	-51.1

Combinazioni Quasi Permanenti

232	Ft. 43	-173991.5	246	834	-715.8
	Fc. 43	-173991.5	246	834	-794.4
	ClMax 43	-173991.5	246	834	-53.3
	ClMed 43	-173991.5	246	834	-50.3
332	Ft. 43	-171216.5	-316	-718	-704.9
	Fc. 43	-171216.5	-316	-718	-781.2
	ClMax 43	-171216.5	-316	-718	-52.4
	ClMed 43	-171216.5	-316	-718	-49.5

Pilastro: 332/432 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 o 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
332	17	-112754.3	-243	16653	0.57	
432	17	-110904.3	286	-19692	0.64	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	657.6	25102.5	9814.8	31868.7	ø 8/10.0'
0.77	2.93	657.6	12551.2	9814.8	15934.3	ø 8/20.0'
2.93	3.47	657.6	25102.5	9814.8	31868.7	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
332	Ft. 39	-120104.0	137	472	-741.7	
	Fc. 37	-128227.3	132	505	-875.8	
	ClsMax 37	-128227.3	132	505	-58.8	
	ClsMed 37	-128227.3	132	505	-55.6	
432	Ft. 39	-118254.0	-104	-551	-727.2	
	Fc. 37	-126377.3	-94	-583	-865.7	
	ClsMax 37	-126377.3	-94	-583	-58.2	
	ClsMed 37	-126377.3	-94	-583	-54.8	
Combinazioni Frequenti						
332	Ft. 42	-111511.9	141	458	-686.3	
	Fc. 40	-114219.7	139	469	-783.0	
	ClsMax 40	-114219.7	139	469	-52.6	
	ClsMed 40	-114219.7	139	469	-49.5	
432	Ft. 42	-109661.9	-111	-534	-671.9	
	Fc. 40	-112369.7	-107	-545	-773.2	
	ClsMax 40	-112369.7	-107	-545	-52.0	
	ClsMed 40	-112369.7	-107	-545	-48.7	
Combinazioni Quasi Permanenti						
332	Ft. 43	-111511.9	141	458	-686.3	
	Fc. 43	-111511.9	141	458	-764.8	
	ClsMax 43	-111511.9	141	458	-51.4	
	ClsMed 43	-111511.9	141	458	-48.4	
432	Ft. 43	-109661.9	-111	-534	-671.9	
	Fc. 43	-109661.9	-111	-534	-755.2	
	ClsMax 43	-109661.9	-111	-534	-50.8	
	ClsMed 43	-109661.9	-111	-534	-47.6	

Pilastro: 432/532 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
432	17	-51196.7	-335	7618	0.36
532	17	-49716.7	464	-8690	0.40

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	1003.2	25102.5	4406.6	25102.5	ø 8/10.0'
0.77	2.93	1003.2	12551.2	4406.6	12551.2	ø 8/20.0'
2.93	3.48	1003.2	25102.5	4406.6	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

432	Ft. 37	-55899.5	127	230	-407.7
	Fc. 38	-60584.5	134	198	-507.1
	ClsMax 38	-60584.5	134	198	-34.2
	ClsMed 38	-60584.5	134	198	-31.8
532	Ft. 37	-54419.5	-214	-287	-383.0
	Fc. 38	-59104.5	-217	-252	-507.8
	ClsMax 38	-59104.5	-217	-252	-34.4
	ClsMed 38	-59104.5	-217	-252	-31.0

Combinazioni Frequenti

432	Ft. 40	-50015.2	147	213	-361.2
	Fc. 41	-52359.7	148	201	-443.8
	ClsMax 41	-52359.7	148	201	-30.0
	ClsMed 41	-52359.7	148	201	-27.5
532	Ft. 40	-48535.2	-238	-262	-336.8
	Fc. 41	-50879.7	-237	-249	-444.7
	ClsMax 41	-50879.7	-237	-249	-30.2
	ClsMed 41	-50879.7	-237	-249	-26.7

Combinazioni Quasi Permanenti

432	Ft. 43	-50011.0	151	204	-361.5
	Fc. 43	-50011.0	151	204	-425.9
	ClsMax 43	-50011.0	151	204	-28.8
	ClsMed 43	-50011.0	151	204	-26.2
532	Ft. 43	-48531.0	-242	-252	-337.3
	Fc. 43	-48531.0	-242	-252	-426.8
	ClsMax 43	-48531.0	-242	-252	-29.0
	ClsMed 43	-48531.0	-242	-252	-25.5

Pilastro: 33/133 / L 4.75[m] / Sezione 2 B 60 [cm]H 60 [cm]

Af: 8 ø 24 Af=36.19 [cm²] < 1φ24 x 4 V + 1φ24 x 2 B + 1φ24 x 2 H >

Staffe: ø 8/15.0' x 79.2+ø 8/25.0' x 316.7+ø 8/15.0' x 79.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
33	17	-311267.2	-2334	43279	0.76
133	36	-514583.8	75	-5957	0.77

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	771.9	25756.6	14374.7	25756.6	ø 8/15.0'
0.79	3.96	771.9	15453.9	14374.7	15453.9	ø 8/25.0'
3.96	4.75	771.9	25756.6	14374.7	25756.6	ø 8/15.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
33	Ft. 39	-326572.4	-30	2153	-1118.9
	Fc. 37	-359043.0	-31	2128	-1362.8
	ClMax 37	-359043.0	-31	2128	-91.4
	ClMed 37	-359043.0	-31	2128	-86.7
133	Ft. 39	-322072.4	47	-4323	-1039.0
	Fc. 37	-354543.0	52	-4287	-1410.0
	ClMax 37	-354543.0	52	-4287	-95.1
	ClMed 37	-354543.0	52	-4287	-85.6

Combinazioni Frequenti					
33	Ft. 42	-310208.3	-30	2170	-1059.1
	Fc. 40	-321031.8	-30	2162	-1226.1
	ClMax 40	-321031.8	-30	2162	-82.3
	ClMed 40	-321031.8	-30	2162	-77.5
133	Ft. 42	-305708.3	45	-4354	-978.8
	Fc. 40	-316531.8	47	-4343	-1273.8
	ClMax 40	-316531.8	47	-4343	-86.0
	ClMed 40	-316531.8	47	-4343	-76.4

Combinazioni Quasi Permanenti					
33	Ft. 43	-310208.3	-29	2170	-1059.1
	Fc. 43	-310208.3	-29	2170	-1187.2
	ClMax 43	-310208.3	-29	2170	-79.7
	ClMed 43	-310208.3	-29	2170	-74.9
133	Ft. 43	-305708.3	46	-4354	-978.8
	Fc. 43	-305708.3	46	-4354	-1234.9
	ClMax 43	-305708.3	46	-4354	-83.5
	ClMed 43	-305708.3	46	-4354	-73.8

Pilastro: 133/233 / L 4.02[m] / Sezione 2 B 60 [cm]H 60 [cm]

Af: 8 ø 24 Af=36.19 [cm²] < 1φ24 x 4 V + 1φ24 x 2 B + 1φ24 x 2 H >

Staffe: ø 8/15.0' x 402.5

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
133	17	-227815.2	-1263	51493	0.76
233	19	-225325.3	177	-46596	0.70

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	4.27	592.5	25756.6	21799.2	25756.6	ø 8/15.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare					
133	Ft. 39	-241553.9	-100	4597	-737.9
	Fc. 37	-265924.2	-107	4591	-1099.6
	ClMax 37	-265924.2	-107	4591	-74.5
	ClMed 37	-265924.2	-107	4591	-64.2
233	Ft. 39	-237503.9	62	-1522	-813.8
	Fc. 37	-261874.2	68	-1522	-994.4
	ClMax 37	-261874.2	68	-1522	-66.7
	ClMed 37	-261874.2	68	-1522	-63.2

Combinazioni Frequenti					
133	Ft. 42	-227862.8	-97	4638	-687.2
	Fc. 40	-235986.3	-99	4636	-992.2
	ClMax 40	-235986.3	-99	4636	-67.4
	ClMed 40	-235986.3	-99	4636	-57.0
233	Ft. 42	-223812.8	59	-1569	-763.0
	Fc. 40	-231936.3	62	-1568	-887.2
	ClMax 40	-231936.3	62	-1568	-59.6
	ClMed 40	-231936.3	62	-1568	-56.0

Combinazioni Quasi Permanenti					
133	Ft. 43	-227862.8	-97	4638	-687.2
	Fc. 43	-227862.8	-97	4638	-962.8
	ClMax 43	-227862.8	-97	4638	-65.4
	ClMed 43	-227862.8	-97	4638	-55.0
233	Ft. 43	-223812.8	60	-1568	-763.0
	Fc. 43	-223812.8	60	-1568	-857.7
	ClMax 43	-223812.8	60	-1568	-57.6
	ClMed 43	-223812.8	60	-1568	-54.0

Pilastro: 233/333 / L 3.25[m] / Sezione 3 B 60 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1φ22 x 4 V + 1φ22 x 2 B + 1φ22 x 2 H >

Staffe: ø 8/12.5' x 60.0+ø 8/20.0' x 205.0+ø 8/12.5' x 60.0

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
233	8	-167974.1	510	-27844	0.54	
333	8	-165199.1	-124	33904	0.61	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.83	852.5	25494.9	16644.2	30907.9	ø 8/12.5'
0.83	2.87	852.5	15934.3	16644.2	19317.4	ø 8/20.0'
2.87	3.47	852.5	25494.9	16644.2	30907.9	ø 8/12.5'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
233	Ft. 39	-177658.7	-172	-562	-744.3	
	Fc. 37	-193865.5	-187	-535	-867.8	
	ClsMax 37	-193865.5	-187	-535	-58.1	
	ClsMed 37	-193865.5	-187	-535	-56.1	
333	Ft. 39	-174883.7	244	346	-736.8	
	Fc. 37	-191090.5	267	376	-853.5	
	ClsMax 37	-191090.5	267	376	-57.1	
	ClsMed 37	-191090.5	267	376	-55.3	

Combinazioni Frequenti						
233	Ft. 42	-166637.8	-165	-503	-698.8	
	Fc. 40	-172040.1	-170	-494	-770.9	
	ClsMax 40	-172040.1	-170	-494	-51.6	
	ClsMed 40	-172040.1	-170	-494	-49.8	
333	Ft. 42	-163862.8	234	251	-692.7	
	Fc. 40	-169265.1	242	261	-753.7	
	ClsMax 40	-169265.1	242	261	-50.4	
	ClsMed 40	-169265.1	242	261	-49.0	

Combinazioni Quasi Permanenti						
233	Ft. 43	-166637.8	-165	-503	-698.9	
	Fc. 43	-166637.8	-165	-503	-747.6	
	ClsMax 43	-166637.8	-165	-503	-50.1	
	ClsMed 43	-166637.8	-165	-503	-48.2	
333	Ft. 43	-163862.8	234	251	-692.7	
	Fc. 43	-163862.8	234	251	-729.6	
	ClsMax 43	-163862.8	234	251	-48.8	
	ClsMed 43	-163862.8	234	251	-47.4	

Pilastro: 333/433 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: $8 \phi 18$ Af=20.36 [cm²] < $1\phi 18 \times 4 V + 1\phi 18 \times 2 B + 1\phi 18 \times 2 H$ >

Staffe: $\phi 8/10.0' \times 54.2 + \phi 8/20.0' \times 216.7 + \phi 8/10.0' \times 54.2$

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
333	17	-107816.4	-531	16232	0.56
433	17	-105966.4	592	-19099	0.62

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	609.0	25102.5	9540.9	31868.7	$\phi 8/10.0'$
0.77	2.93	609.0	12551.2	9540.9	15934.3	$\phi 8/20.0'$
2.93	3.47	609.0	25102.5	9540.9	31868.7	$\phi 8/10.0'$

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

333	Ft. 39	-115302.6	-208	-7	-734.0
	Fc. 37	-123459.6	-227	-17	-821.6
	ClisMax 37	-123459.6	-227	-17	-55.0
	ClisMed 37	-123459.6	-227	-17	-53.6
433	Ft. 39	-113452.6	257	44	-715.9
	Fc. 37	-121609.6	280	33	-814.6
	ClisMax 37	-121609.6	280	33	-54.6
	ClisMed 37	-121609.6	280	33	-52.8

Combinazioni Frequenti

333	Ft. 42	-106892.1	-200	61	-676.5
	Fc. 40	-109611.1	-207	57	-732.5
	ClisMax 40	-109611.1	-207	57	-49.1
	ClisMed 40	-109611.1	-207	57	-47.5
433	Ft. 42	-105042.1	247	-34	-662.5
	Fc. 40	-107761.1	255	-38	-722.9
	ClisMax 40	-107761.1	255	-38	-48.5
	ClisMed 40	-107761.1	255	-38	-46.7

Combinazioni Quasi Permanenti

333	Ft. 43	-106892.1	-200	61	-676.5
	Fc. 43	-106892.1	-200	61	-714.5
	ClisMax 43	-106892.1	-200	61	-47.9
	ClisMed 43	-106892.1	-200	61	-46.4
433	Ft. 43	-105042.1	247	-34	-662.5
	Fc. 43	-105042.1	247	-34	-704.4
	ClisMax 43	-105042.1	247	-34	-47.2
	ClisMed 43	-105042.1	247	-34	-45.6

Pilastro: 433/533 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
433	6	-48451.0	-636	-7560	0.36	
533	2	-46863.4	1283	8526	0.41	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	1292.1	25102.5	4378.7	25102.5	ø 8/10.0'
0.77	2.93	1292.1	12551.2	4378.7	12551.2	ø 8/20.0'
2.93	3.48	1292.1	25102.5	4378.7	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
433	Ft. 37	-53459.3	-523	-245	-351.2	
	Fc. 38	-58101.1	-488	-314	-530.1	
	ClMax 38	-58101.1	-488	-314	-36.3	
	ClMed 38	-58101.1	-488	-314	-30.5	
533	Ft. 37	-51979.3	777	302	-311.4	
	Fc. 38	-56621.1	728	365	-544.9	
	ClMax 38	-56621.1	728	365	-37.6	
	ClMed 38	-56621.1	728	365	-29.7	

Combinazioni Frequenti						
433	Ft. 40	-47682.5	-474	-177	-316.4	
	Fc. 41	-50001.5	-463	-210	-454.7	
	ClMax 41	-50001.5	-463	-210	-31.1	
	ClMed 41	-50001.5	-463	-210	-26.2	
533	Ft. 40	-46202.5	703	211	-280.9	
	Fc. 41	-48521.5	688	244	-466.5	
	ClMax 41	-48521.5	688	244	-32.2	
	ClMed 41	-48521.5	688	244	-25.5	

Combinazioni Quasi Permanenti						
433	Ft. 43	-47686.3	-460	-179	-317.5	
	Fc. 43	-47686.3	-460	-179	-433.4	
	ClMax 43	-47686.3	-460	-179	-29.6	
	ClMed 43	-47686.3	-460	-179	-25.0	
533	Ft. 43	-46206.3	683	209	-282.9	
	Fc. 43	-46206.3	683	209	-444.6	
	ClMax 43	-46206.3	683	209	-30.7	
	ClMed 43	-46206.3	683	209	-24.3	

Pilastro: 34/134 / L 4.75[m] / Sezione 2 B 60 [cm]H 60 [cm]

Af: 8 ø 24 Af=36.19 [cm²] < 1φ24 x 4 V + 1φ24 x 2 B + 1φ24 x 2 H >

Staffe: ø 8/15.0' x 79.2+ø 8/25.0' x 316.7+ø 8/15.0' x 79.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
34	8	-286477.2	2744	-40292	0.71	
134	36	-449164.0	1735	4883	0.67	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	2169.3	25756.6	12595.1	25756.6	ø 8/15.0'
0.79	3.96	2169.3	15453.9	12595.1	15453.9	ø 8/25.0'
3.96	4.75	2169.3	25756.6	12595.1	25756.6	ø 8/15.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
34	Ft. 39	-289904.5	-577	-1354	-993.5	
	Fc. 37	-316452.1	-616	-1483	-1206.9	
	ClMax 37	-316452.1	-616	-1483	-81.0	
	ClMed 37	-316452.1	-616	-1483	-76.4	
134	Ft. 39	-285404.5	1134	2904	-915.8	
	Fc. 37	-311952.1	1213	3155	-1256.6	
	ClMax 37	-311952.1	1213	3155	-84.9	
	ClMed 37	-311952.1	1213	3155	-75.3	

Combinazioni Frequenti						
34	Ft. 42	-279006.4	-561	-1297	-956.1	
	Fc. 40	-287856.1	-574	-1340	-1097.9	
	ClMax 40	-287856.1	-574	-1340	-73.7	
	ClMed 40	-287856.1	-574	-1340	-69.5	
134	Ft. 42	-274506.4	1103	2790	-880.6	
	Fc. 40	-283356.1	1129	2874	-1142.4	
	ClMax 40	-283356.1	1129	2874	-77.2	
	ClMed 40	-283356.1	1129	2874	-68.4	

Combinazioni Quasi Permanenti						
34	Ft. 43	-279006.8	-561	-1296	-956.1	
	Fc. 43	-279006.8	-561	-1296	-1064.2	
	ClMax 43	-279006.8	-561	-1296	-71.4	
	ClMed 43	-279006.8	-561	-1296	-67.3	
134	Ft. 43	-274506.8	1103	2790	-880.6	
	Fc. 43	-274506.8	1103	2790	-1107.2	
	ClMax 43	-274506.8	1103	2790	-74.8	
	ClMed 43	-274506.8	1103	2790	-66.3	

Pilastro: 134/234 / L 4.02[m] / Sezione 2 B 60 [cm]H 60 [cm]

Af: 8 ø 24 Af=36.19 [cm²] < 1φ24 x 4 V + 1φ24 x 2 B + 1φ24 x 2 H >

Staffe: ø 8/15.0' x 402.5

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
134	8	-186447.5	1559	-48280	0.71	
234	8	-182397.5	-88	51187	0.76	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	4.27	4374.3	25756.6	22091.1	25756.6	ø 8/15.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
134	Ft. 39	-196509.4	-2064	-4817	-511.2	
	Fc. 37	-215589.6	-2214	-5481	-1004.5	
	ClMax 37	-215589.6	-2214	-5481	-68.9	
	ClMed 37	-215589.6	-2214	-5481	-52.0	
234	Ft. 39	-192459.4	2176	5306	-479.1	
	Fc. 37	-211539.6	2342	6293	-1017.2	
	ClMax 37	-211539.6	2342	6293	-70.0	
	ClMed 37	-211539.6	2342	6293	-51.1	

Combinazioni Frequenti						
134	Ft. 42	-188103.0	-2002	-4539	-490.7	
	Fc. 40	-194463.3	-2052	-4760	-902.3	
	ClMax 40	-194463.3	-2052	-4760	-61.9	
	ClMed 40	-194463.3	-2052	-4760	-46.9	
234	Ft. 42	-184053.0	2106	4910	-462.2	
	Fc. 40	-190413.3	2162	5239	-904.8	
	ClMax 40	-190413.3	2162	5239	-62.2	
	ClMed 40	-190413.3	2162	5239	-46.0	

Combinazioni Quasi Permanenti						
134	Ft. 43	-188103.3	-2002	-4539	-490.7	
	Fc. 43	-188103.3	-2002	-4539	-871.4	
	ClMax 43	-188103.3	-2002	-4539	-59.8	
	ClMed 43	-188103.3	-2002	-4539	-45.4	
234	Ft. 43	-184053.3	2106	4910	-462.2	
	Fc. 43	-184053.3	2106	4910	-870.6	
	ClMax 43	-184053.3	2106	4910	-59.8	
	ClMed 43	-184053.3	2106	4910	-44.4	

Pilastro: 234/334 / L 3.25[m] / Sezione 3 B 60 [cm]H 50 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1φ22 x 4 V + 1φ22 x 2 B + 1φ22 x 2 H >

Staffe: ø 8/12.5' x 60.0+ø 8/15.0' x 205.0+ø 8/12.5' x 60.0

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
234	8	-139113.7	963	-35079	0.62
334	8	-136338.7	-555	39664	0.70

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.83	6218.2	25494.9	20174.7	30907.9	ø 8/12.5'
0.83	2.87	6218.2	21245.8	20174.7	25756.6	ø 8/15.0'
2.87	3.47	6218.2	25494.9	20174.7	30907.9	ø 8/12.5'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

234	Ft. 39	-142646.5	-2316	-5196	-341.9
	Fc. 37	-156309.5	-2502	-6169	-997.2
	ClMax 37	-156309.5	-2502	-6169	-69.4
	ClMed 37	-156309.5	-2502	-6169	-45.2
334	Ft. 39	-139871.5	2966	5256	-300.9
	Fc. 37	-153534.5	3205	5973	-1007.4
	ClMax 37	-153534.5	3205	5973	-70.3
	ClMed 37	-153534.5	3205	5973	-44.4

Combinazioni Frequenti

234	Ft. 42	-136040.5	-2237	-4776	-331.2
	Fc. 40	-140594.8	-2299	-5100	-883.3
	ClMax 40	-140594.8	-2299	-5100	-61.4
	ClMed 40	-140594.8	-2299	-5100	-40.7
334	Ft. 42	-133265.5	2863	4902	-288.9
	Fc. 40	-137819.8	2942	5140	-899.2
	ClMax 40	-137819.8	2942	5140	-62.8
	ClMed 40	-137819.8	2942	5140	-39.9

Combinazioni Quasi Permanenti

234	Ft. 43	-136040.5	-2237	-4776	-331.2
	Fc. 43	-136040.5	-2237	-4776	-849.7
	ClMax 43	-136040.5	-2237	-4776	-59.0
	ClMed 43	-136040.5	-2237	-4776	-39.4
334	Ft. 43	-133265.5	2862	4901	-288.9
	Fc. 43	-133265.5	2862	4901	-867.8
	ClMax 43	-133265.5	2862	4901	-60.6
	ClMed 43	-133265.5	2862	4901	-38.6

Pilastro: 334/434 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 II >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
334	1	-74747.0	-3827	-17607	0.62	
434	1	-72897.0	4303	21294	0.77	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	4219.9	25102.5	11418.1	31868.7	ø 8/10.0'
0.77	2.93	4219.9	12551.2	11418.1	15934.3	ø 8/20.0'
2.93	3.47	4219.9	25102.5	11418.1	31868.7	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
334	Ft. 39	-86781.5	-1900	-3202	-220.8	
	Fc. 37	-92748.7	-2053	-3603	-983.8	
	ClsMax 37	-92748.7	-2053	-3603	-69.8	
	ClsMed 37	-92748.7	-2053	-3603	-40.2	
434	Ft. 37	-90898.7	2382	4647	-121.1	
	Fc. 37	-90898.7	2382	4647	-1061.8	
	ClsMax 37	-90898.7	2382	4647	-75.9	
	ClsMed 37	-90898.7	2382	4647	-39.4	
Combinazioni Frequenti						
334	Ft. 42	-82737.2	-1832	-2980	-213.5	
	Fc. 40	-84726.2	-1883	-3114	-888.3	
	ClsMax 40	-84726.2	-1883	-3114	-62.9	
	ClsMed 40	-84726.2	-1883	-3114	-36.8	
434	Ft. 40	-82876.2	2186	3940	-127.8	
	Fc. 40	-82876.2	2186	3940	-950.7	
	ClsMax 40	-82876.2	2186	3940	-67.9	
	ClsMed 40	-82876.2	2186	3940	-35.9	
Combinazioni Quasi Permanenti						
334	Ft. 43	-82737.1	-1832	-2980	-213.5	
	Fc. 43	-82737.1	-1832	-2980	-863.2	
	ClsMax 43	-82737.1	-1832	-2980	-61.1	
	ClsMed 43	-82737.1	-1832	-2980	-35.9	
434	Ft. 43	-80887.1	2127	3743	-131.6	
	Fc. 43	-80887.1	2127	3743	-921.0	
	ClsMax 43	-80887.1	2127	3743	-65.7	
	ClsMed 43	-80887.1	2127	3743	-35.1	

Pilastro: 434/534 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: $8 \phi 18 A_f = 20.36 [cm^2] < 1\phi 18 \times 4 V + 1\phi 18 \times 2 B + 1\phi 18 \times 2 H >$

Staffe: $\phi 8/10.0' \times 54.2 + \phi 8/20.0' \times 216.7 + \phi 8/10.0' \times 54.2$

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
434	1	-30026.0	-5086	-9047	0.58
534	9	-24315.6	11984	3429	0.74

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	5798.2	25102.5	5798.0	25102.5	$\phi 8/10.0'$
0.77	2.93	5798.2	12551.2	5798.0	12551.2	$\phi 8/20.0'$
2.93	3.48	5798.2	25102.5	5798.0	25102.5	$\phi 8/10.0'$

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm ²]
------	------	-----------	-------------	-------------	-----------------------------------

Combinazioni Rare

434	Ft. 37	-34086.7	-3002	-3234	476.7
	Fc. 37	-34086.7	-3002	-3234	-921.6
	ClMax 37	-34086.7	-3002	-3234	-70.3
	ClMed 37	-34086.7	-3002	-3234	-25.3
534	Ft. 37	-32606.7	3856	3383	727.4
	Fc. 37	-32606.7	3856	3383	-1061.5
	ClMax 37	-32606.7	3856	3383	-82.1
	ClMed 37	-32606.7	3856	3383	-28.4

Combinazioni Frequenti

434	Ft. 40	-32691.0	-2752	-2748	366.3
	Fc. 40	-32691.0	-2752	-2748	-819.2
	ClMax 40	-32691.0	-2752	-2748	-62.1
	ClMed 40	-32691.0	-2752	-2748	-22.8
534	Ft. 40	-31211.0	3534	2896	587.2
	Fc. 40	-31211.0	3534	2896	-944.9
	ClMax 40	-31211.0	3534	2896	-72.7
	ClMed 40	-31211.0	3534	2896	-25.6

Combinazioni Quasi Permanenti

434	Ft. 43	-32922.2	-2681	-2630	328.2
	Fc. 43	-32922.2	-2681	-2630	-795.0
	ClMax 43	-32922.2	-2681	-2630	-60.1
	ClMed 43	-32922.2	-2681	-2630	-22.3
534	Ft. 43	-31442.2	3444	2793	540.2
	Fc. 43	-31442.2	3444	2793	-917.9
	ClMax 43	-31442.2	3444	2793	-70.4
	ClMed 43	-31442.2	3444	2793	-25.0

Pilastro: 36/136 / L 4.75[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1φ22 x 4 V + 1φ22 x 2 B + 1φ22 x 2 H >

Staffe: ø 8/10.0' x 79.2+ø 8/25.0' x 316.7+ø 8/10.0' x 79.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
36	17	-178944.5	-3732	17993	0.68
136	36	-212125.1	10273	-5701	0.68

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	3057.1	25102.5	6116.2	31868.7	ø 8/10.0'
0.79	3.96	3057.1	10041.0	6116.2	12747.5	ø 8/25.0'
3.96	4.75	3057.1	25102.5	6116.2	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
36	Ft. 39	-143927.0	-3305	1595	-561.3	
	Fc. 37	-151891.3	-3302	1789	-1256.0	
	ClsMax 37	-151891.3	-3302	1789	-87.9	
	ClsMed 37	-151891.3	-3302	1789	-61.8	
136	Ft. 39	-141427.0	6772	-3182	-217.6	
	Fc. 37	-149391.3	6774	-3580	-1580.9	
	ClsMax 37	-149391.3	6774	-3580	-113.9	
	ClsMed 37	-149391.3	6774	-3580	-60.8	

Combinazioni Frequenti						
36	Ft. 42	-140714.4	-3307	1528	-545.3	
	Fc. 40	-143368.3	-3305	1593	-1193.1	
	ClsMax 40	-143368.3	-3305	1593	-83.6	
	ClsMed 40	-143368.3	-3305	1593	-58.4	
136	Ft. 42	-138214.4	6771	-3045	-205.8	
	Fc. 40	-140868.3	6772	-3177	-1506.1	
	ClsMax 40	-140868.3	6772	-3177	-108.7	
	ClsMed 40	-140868.3	6772	-3177	-57.4	

Combinazioni Quasi Permanenti						
36	Ft. 43	-140713.5	-3306	1528	-545.3	
	Fc. 43	-140713.5	-3306	1528	-1173.4	
	ClsMax 43	-140713.5	-3306	1528	-82.2	
	ClsMed 43	-140713.5	-3306	1528	-57.3	
136	Ft. 43	-138213.5	6771	-3045	-205.8	
	Fc. 43	-138213.5	6771	-3045	-1482.4	
	ClsMax 43	-138213.5	6771	-3045	-107.0	
	ClsMed 43	-138213.5	6771	-3045	-56.3	

Pilastro: 136/236 / L 4.02[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 20 Af=25.13 [cm²] < 1φ20 x 4 V + 1φ20 x 2 B + 1φ20 x 2 H >

Staffe: ø 8/10.0' x 67.1+ø 8/20.0' x 268.3+ø 8/10.0' x 67.1

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
136	17	-123760.8	-8228	23114	0.82
236	17	-121510.8	4426	-21324	0.69

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	0.92	3891.6	25102.5	9869.7	31868.7	ø 8/10.0'
0.92	3.60	3891.6	12551.2	9869.7	15934.3	ø 8/20.0'
3.60	4.27	3891.6	25102.5	9869.7	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
136	Ft. 39	-99246.9	-7654	4940	274.6
	Fc. 37	-105372.1	-7651	5591	-1578.5
	ClsMax 37	-105372.1	-7651	5591	-116.3
	ClsMed 37	-105372.1	-7651	5591	-48.6
236	Ft. 39	-96996.9	4079	-4432	-53.8
	Fc. 37	-103122.1	4081	-5057	-1246.1
	ClsMax 37	-103122.1	4081	-5057	-90.0
	ClsMed 37	-103122.1	4081	-5057	-43.5

Combinazioni Frequenti					
136	Ft. 42	-96654.6	-7655	4713	281.0
	Fc. 40	-98695.5	-7653	4930	-1500.4
	ClsMax 40	-98695.5	-7653	4930	-110.8
	ClsMed 40	-98695.5	-7653	4930	-46.2
236	Ft. 42	-94404.6	4079	-4213	-50.4
	Fc. 40	-96445.5	4079	-4421	-1166.2
	ClsMax 40	-96445.5	4079	-4421	-84.3
	ClsMed 40	-96445.5	4079	-4421	-40.7

Combinazioni Quasi Permanenti					
136	Ft. 43	-96653.8	-7654	4713	280.9
	Fc. 43	-96653.8	-7654	4713	-1475.7
	ClsMax 43	-96653.8	-7654	4713	-109.0
	ClsMed 43	-96653.8	-7654	4713	-45.4
236	Ft. 43	-94403.8	4079	-4213	-50.4
	Fc. 43	-94403.8	4079	-4213	-1141.0
	ClsMax 43	-94403.8	4079	-4213	-82.5
	ClsMed 43	-94403.8	4079	-4213	-39.8

Pilastro: 236/336 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1φ22 x 4 V + 1φ22 x 2 B + 1φ22 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/25.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
236	17	-90894.9	-4508	16174	0.51
336	17	-89044.9	7835	-18464	0.63

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	4531.0	25102.5	9324.6	31868.7	ø 8/10.0'
0.77	2.93	4531.0	10041.0	9324.6	12747.5	ø 8/25.0'
2.93	3.47	4531.0	25102.5	9324.6	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

236	Ft. 37	-80780.1	-3964	6724	187.9
	Fc. 37	-80780.1	-3964	6724	-1161.8
	ClsMax 37	-80780.1	-3964	6724	-85.4
	ClsMed 37	-80780.1	-3964	6724	-35.7
336	Ft. 37	-78930.1	7394	-7732	685.1
	Fc. 37	-78930.1	7394	-7732	-1538.1
	ClsMax 37	-78930.1	7394	-7732	-116.1
	ClsMed 37	-78930.1	7394	-7732	-42.8

Combinazioni Frequenti

236	Ft. 40	-76080.6	-3959	5968	170.4
	Fc. 40	-76080.6	-3959	5968	-1088.4
	ClsMax 40	-76080.6	-3959	5968	-80.1
	ClsMed 40	-76080.6	-3959	5968	-33.5
336	Ft. 40	-74230.6	7382	-6992	674.8
	Fc. 40	-74230.6	7382	-6992	-1467.5
	ClsMax 40	-74230.6	7382	-6992	-111.0
	ClsMed 40	-74230.6	7382	-6992	-41.0

Combinazioni Quasi Permanenti

236	Ft. 43	-74693.5	-3958	5722	163.6
	Fc. 43	-74693.5	-3958	5722	-1065.3
	ClsMax 43	-74693.5	-3958	5722	-78.4
	ClsMed 43	-74693.5	-3958	5722	-32.8
336	Ft. 43	-72843.5	7379	-6753	670.1
	Fc. 43	-72843.5	7379	-6753	-1445.1
	ClsMax 43	-72843.5	7379	-6753	-109.3
	ClsMed 43	-72843.5	7379	-6753	-40.4

Pilastro: 336/436 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 12 ϕ 20 Af=37.70 [cm²] < 1 ϕ 20 x 4 V + 2 ϕ 20 x 2 B + 2 ϕ 20 x 2 H >

Staffe: ϕ 8/10.0' x 54.2+ ϕ 8/20.0' x 216.7+ ϕ 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo		Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
336		18	-46689.9	-8300	15861	0.53
436		18	-44839.9	5108	-16228	0.47
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	4880.1	25102.5	8723.2	31868.7	ø 8/10.0'
0.77	2.93	4880.1	12551.2	8723.2	15934.3	ø 8/20.0'
2.93	3.47	4880.1	25102.5	8723.2	31868.7	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo		Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
Combinazioni Rare						
336		Ft. 37	-42142.6	-7484	7881	1305.4
		Fc. 37	-42142.6	-7484	7881	-1421.2
		ClsMax 37	-42142.6	-7484	7881	-110.8
		ClsMed 37	-42142.6	-7484	7881	-37.5
436		Ft. 37	-40292.6	4414	-6795	722.6
		Fc. 37	-40292.6	4414	-6795	-1028.2
		ClsMax 37	-40292.6	4414	-6795	-78.6
		ClsMed 37	-40292.6	4414	-6795	-27.2
Combinazioni Frequenti						
336		Ft. 40	-39464.8	-7490	7109	1275.2
		Fc. 40	-39464.8	-7490	7109	-1357.0
		ClsMax 40	-39464.8	-7490	7109	-106.1
		ClsMed 40	-39464.8	-7490	7109	-36.3
436		Ft. 40	-37614.8	4412	-5995	674.7
		Fc. 40	-37614.8	4412	-5995	-960.7
		ClsMax 40	-37614.8	4412	-5995	-73.5
		ClsMed 40	-37614.8	4412	-5995	-25.3
Combinazioni Quasi Permanenti						
336		Ft. 43	-38746.2	-7492	6855	1262.3
		Fc. 43	-38746.2	-7492	6855	-1336.0
		ClsMax 43	-38746.2	-7492	6855	-104.5
		ClsMed 43	-38746.2	-7492	6855	-35.9
436		Ft. 43	-36896.2	4412	-5725	655.7
		Fc. 43	-36896.2	4412	-5725	-938.3
		ClsMax 43	-36896.2	4412	-5725	-71.8
		ClsMed 43	-36896.2	4412	-5725	-24.7

Pilastro: 436/536 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 12 ø 20 Af=37.70 [cm²] < 1φ20 x 4 V + 2φ20 x 2 B + 2φ20 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
436	16	-18227.6	-6973	9366	0.39
536	16	-16377.6	10123	-11506	0.54

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	4620.6	25102.5	6522.9	31868.7	ø 8/10.0'
0.77	2.93	4620.6	12551.2	6522.9	15934.3	ø 8/20.0'
2.93	3.48	4620.6	25102.5	6522.9	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
436	Ft. 37	-17522.6	-3423	6332	1014.2
	Fc. 37	-17522.6	-3423	6332	-863.3
	ClMax 37	-17522.6	-3423	6332	-68.2
	ClMed 37	-17522.6	-3423	6332	-23.0
536	Ft. 37	-15672.6	5582	-7201	1549.1
	Fc. 37	-15672.6	5582	-7201	-1144.2
	ClMax 37	-15672.6	5582	-7201	-91.9
	ClMed 37	-15672.6	5582	-7201	-30.6

Combinazioni Frequenti					
436	Ft. 40	-16865.7	-3427	5606	924.9
	Fc. 40	-16865.7	-3427	5606	-806.6
	ClMax 40	-16865.7	-3427	5606	-63.7
	ClMed 40	-16865.7	-3427	5606	-21.3
536	Ft. 40	-15015.7	5584	-6567	1481.0
	Fc. 40	-15015.7	5584	-6567	-1092.6
	ClMax 40	-15015.7	5584	-6567	-87.9
	ClMed 40	-15015.7	5584	-6567	-29.3

Combinazioni Quasi Permanenti					
436	Ft. 43	-16810.1	-3428	5395	895.9
	Fc. 43	-16810.1	-3428	5395	-790.1
	ClMax 43	-16810.1	-3428	5395	-62.3
	ClMed 43	-16810.1	-3428	5395	-20.8
536	Ft. 43	-14960.1	5584	-6437	1465.2
	Fc. 43	-14960.1	5584	-6437	-1082.1
	ClMax 43	-14960.1	5584	-6437	-87.1
	ClMed 43	-14960.1	5584	-6437	-29.0

Pilastro: 37/137 / L 4.75[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 79.2+ø 8/20.0' x 316.7+ø 8/10.0' x 79.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
37	8	-191874.0	-367	-19167	0.78
137	36	-289570.2	2041	-253	0.77

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	682.2	25102.5	6918.6	31868.7	ø 8/10.0'
0.79	3.96	682.2	12551.2	6918.6	15934.3	ø 8/20.0'
3.96	4.75	682.2	25102.5	6918.6	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

37	Ft. 39	-188147.3	-632	86	-1170.8
	Fc. 37	-204266.7	-629	119	-1384.3
	ClsMax 37	-204266.7	-629	119	-93.0
	ClsMed 37	-204266.7	-629	119	-88.6
137	Ft. 39	-185647.3	1344	-101	-1099.4
	Fc. 37	-201766.7	1347	-170	-1425.8
	ClsMax 37	-201766.7	1347	-170	-96.5
	ClsMed 37	-201766.7	1347	-170	-87.5

Combinazioni Frequenti

37	Ft. 42	-181668.1	-633	73	-1129.4
	Fc. 40	-187041.0	-632	84	-1270.3
	ClsMax 40	-187041.0	-632	84	-85.3
	ClsMed 40	-187041.0	-632	84	-81.1
137	Ft. 42	-179168.1	1343	-73	-1059.0
	Fc. 40	-184541.0	1344	-97	-1309.0
	ClsMax 40	-184541.0	1344	-97	-88.6
	ClsMed 40	-184541.0	1344	-97	-80.0

Combinazioni Quasi Permanenti

37	Ft. 43	-181667.9	-632	73	-1129.4
	Fc. 43	-181667.9	-632	73	-1234.7
	ClsMax 43	-181667.9	-632	73	-83.0
	ClsMed 43	-181667.9	-632	73	-78.8
137	Ft. 43	-179167.9	1344	-74	-1059.0
	Fc. 43	-179167.9	1344	-74	-1272.5
	ClsMax 43	-179167.9	1344	-74	-86.2
	ClsMed 43	-179167.9	1344	-74	-77.7

Pilastro: 137/237 / L 4.02[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 67.1+ø 8/20.0' x 268.3+ø 8/10.0' x 67.1

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
137	17	-124570.0	-1428	27870	0.89	
237	17	-122320.0	299	-26389	0.84	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	0.92	542.0	25102.5	12056.0	31868.7	ø 8/10.0'
0.92	3.60	542.0	12551.2	12056.0	15934.3	ø 8/20.0'
3.60	4.27	542.0	25102.5	12056.0	31868.7	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
137	Ft. 39	-136081.6	-1267	704	-745.2	
	Fc. 37	-148019.4	-1265	855	-1112.5	
	ClsMax 37	-148019.4	-1265	855	-75.9	
	ClsMed 37	-148019.4	-1265	855	-64.2	
237	Ft. 39	-133831.6	351	-1072	-777.4	
	Fc. 37	-145769.4	351	-1238	-1052.2	
	ClsMax 37	-145769.4	351	-1238	-71.2	
	ClsMed 37	-145769.4	351	-1238	-63.2	
Combinazioni Frequenti						
137	Ft. 42	-130988.8	-1268	645	-715.7	
	Fc. 40	-134967.9	-1267	695	-1017.8	
	ClsMax 40	-134967.9	-1267	695	-69.5	
	ClsMed 40	-134967.9	-1267	695	-58.5	
237	Ft. 42	-128738.8	351	-1006	-748.3	
	Fc. 40	-132717.9	351	-1061	-956.3	
	ClsMax 40	-132717.9	351	-1061	-64.7	
	ClsMed 40	-132717.9	351	-1061	-57.6	
Combinazioni Quasi Permanenti						
137	Ft. 43	-130988.6	-1268	645	-715.7	
	Fc. 43	-130988.6	-1268	645	-988.9	
	ClsMax 43	-130988.6	-1268	645	-67.5	
	ClsMed 43	-130988.6	-1268	645	-56.8	
237	Ft. 43	-128738.6	351	-1006	-748.3	
	Fc. 43	-128738.6	351	-1006	-927.0	
	ClsMax 43	-128738.6	351	-1006	-62.7	
	ClsMed 43	-128738.6	351	-1006	-55.8	

Pilastro: 237/337 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
237	17	-94060.3	-240	21560	0.69	
337	17	-92210.3	912	-22857	0.74	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	474.1	25102.5	11998.7	31868.7	ø 8/10.0'
0.77	2.93	474.1	12551.2	11998.7	15934.3	ø 8/20.0'
2.93	3.47	474.1	25102.5	11998.7	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
237	Ft. 39	-101933.0	-128	1636	-551.7	
	Fc. 37	-109804.7	-128	1913	-843.2	
	ClsMax 37	-109804.7	-128	1913	-57.5	
	ClsMed 37	-109804.7	-128	1913	-47.6	
337	Ft. 39	-100083.0	980	-1238	-499.7	
	Fc. 37	-107954.7	985	-1538	-873.0	
	ClsMax 37	-107954.7	985	-1538	-60.1	
	ClsMed 37	-107954.7	985	-1538	-46.8	

Combinazioni Frequenti						
237	Ft. 42	-98182.6	-127	1528	-534.1	
	Fc. 40	-100806.3	-127	1621	-766.4	
	ClsMax 40	-100806.3	-127	1621	-52.2	
	ClsMed 40	-100806.3	-127	1621	-43.7	
337	Ft. 42	-96332.6	976	-1121	-482.8	
	Fc. 40	-98956.3	978	-1222	-794.3	
	ClsMax 40	-98956.3	978	-1222	-54.6	
	ClsMed 40	-98956.3	978	-1222	-42.9	

Combinazioni Quasi Permanenti						
237	Ft. 43	-98182.4	-127	1529	-534.1	
	Fc. 43	-98182.4	-127	1529	-743.6	
	ClsMax 43	-98182.4	-127	1529	-50.6	
	ClsMed 43	-98182.4	-127	1529	-42.6	
337	Ft. 43	-96332.4	976	-1121	-482.7	
	Fc. 43	-96332.4	976	-1121	-770.8	
	ClsMax 43	-96332.4	976	-1121	-53.0	
	ClsMed 43	-96332.4	976	-1121	-41.8	

Pilastro: 337/437 / L 3.25[m] / Sczione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
337	17	-51513.5	-872	11533	0.55
437	17	-50033.5	277	-13112	0.63

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	478.2	25102.5	6658.0	25102.5	ø 8/10.0'
0.77	2.93	478.2	12551.2	6658.0	12551.2	ø 8/20.0'
2.93	3.47	478.2	25102.5	6658.0	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
337	Ft. 39	-56217.5	-768	960	-286.0
	Fc. 37	-60066.8	-763	1151	-646.4
	ClsMax 37	-60066.8	-763	1151	-45.3
	ClsMed 37	-60066.8	-763	1151	-31.5
437	Ft. 39	-54737.5	236	-1381	-284.4
	Fc. 37	-58586.8	236	-1587	-626.6
	ClsMax 37	-58586.8	236	-1587	-43.9
	ClsMed 37	-58586.8	236	-1587	-30.7

Combinazioni Frequenti					
337	Ft. 42	-53792.3	-771	880	-273.8
	Fc. 40	-55075.4	-769	944	-588.9
	ClsMax 40	-55075.4	-769	944	-41.2
	ClsMed 40	-55075.4	-769	944	-28.9
437	Ft. 42	-52312.3	235	-1291	-273.5
	Fc. 40	-53595.4	235	-1360	-566.5
	ClsMax 40	-53595.4	235	-1360	-39.6
	ClsMed 40	-53595.4	235	-1360	-28.1

Combinazioni Quasi Permanenti					
337	Ft. 43	-53792.3	-771	880	-273.8
	Fc. 43	-53792.3	-771	880	-573.1
	ClsMax 43	-53792.3	-771	880	-40.1
	ClsMed 43	-53792.3	-771	880	-28.2
437	Ft. 43	-52312.3	235	-1291	-273.5
	Fc. 43	-52312.3	235	-1291	-550.2
	ClsMax 43	-52312.3	235	-1291	-38.4
	ClsMed 43	-52312.3	235	-1291	-27.5

Pilastro: 437/537 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
437	17	-23198.6	-289	10121	0.54
537	17	-21718.6	947	-10845	0.61

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	546.1	25102.5	5666.3	25102.5	ø 8/10.0'
0.77	2.93	546.1	12551.2	5666.3	12551.2	ø 8/20.0'
2.93	3.48	546.1	25102.5	5666.3	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
437	Ft. 37	-23404.8	-225	1867	8.1
	Fc. 37	-23404.8	-225	1867	-375.4
	ClsMax 37	-23404.8	-225	1867	-27.5
	ClsMed 37	-23404.8	-225	1867	-12.9
537	Ft. 37	-21924.8	830	-1868	93.5
	Fc. 37	-21924.8	830	-1868	-428.9
	ClsMax 37	-21924.8	830	-1868	-31.9
	ClsMed 37	-21924.8	830	-1868	-13.2

Combinazioni Frequenti					
437	Ft. 40	-22406.1	-227	1622	-8.2
	Fc. 40	-22406.1	-227	1622	-344.4
	ClsMax 40	-22406.1	-227	1622	-25.1
	ClsMed 41	-22938.2	-227	1552	-12.1
537	Ft. 40	-20926.1	831	-1616	71.2
	Fc. 40	-20926.1	831	-1616	-394.5
	ClsMax 40	-20926.1	831	-1616	-29.3
	ClsMed 41	-21458.2	831	-1546	-12.2

Combinazioni Quasi Permanenti					
437	Ft. 43	-22466.4	-228	1546	-16.0
	Fc. 43	-22466.4	-228	1546	-337.7
	ClsMax 43	-22466.4	-228	1546	-24.6
	ClsMed 43	-22466.4	-228	1546	-11.9
537	Ft. 43	-20986.4	831	-1538	60.6
	Fc. 43	-20986.4	831	-1538	-386.3
	ClsMax 43	-20986.4	831	-1538	-28.6
	ClsMed 43	-20986.4	831	-1538	-12.0

Pilastro: 38/138 / L 4.75[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 79.2+ø 8/20.0' x 316.7+ø 8/10.0' x 79.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
38	36	-294830.8	-214	-193	0.76
138	36	-291330.8	522	461	0.75

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	290.2	25102.5	6726.3	31868.7	ø 8/10.0'
0.79	3.96	290.2	12551.2	6726.3	15934.3	ø 8/20.0'
3.96	4.75	290.2	25102.5	6726.3	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

38	Ft. 39	-187931.0	-146	-112	-1204.7
	Fc. 37	-205303.1	-143	-116	-1354.0
	ClisMax 37	-205303.1	-143	-116	-90.5
	ClisMed 37	-205303.1	-143	-116	-89.1
138	Ft. 39	-185431.0	350	304	-1161.0
	Fc. 37	-202803.1	352	310	-1365.6
	ClisMax 37	-202803.1	352	310	-91.6
	ClisMed 37	-202803.1	352	310	-88.0

Combinazioni Frequenti

38	Ft. 42	-180931.3	-147	-111	-1159.2
	Fc. 40	-186722.0	-146	-112	-1233.0
	ClisMax 40	-186722.0	-146	-112	-82.4
	ClisMed 40	-186722.0	-146	-112	-81.0
138	Ft. 42	-178431.3	350	302	-1115.6
	Fc. 40	-184222.0	350	304	-1244.2
	ClisMax 40	-184222.0	350	304	-83.5
	ClisMed 40	-184222.0	350	304	-79.9

Combinazioni Quasi Permanenti

38	Ft. 43	-180931.3	-147	-111	-1159.2
	Fc. 43	-180931.3	-147	-111	-1195.3
	ClisMax 43	-180931.3	-147	-111	-79.9
	ClisMed 43	-180931.3	-147	-111	-78.5
138	Ft. 43	-178431.3	350	302	-1115.6
	Fc. 43	-178431.3	350	302	-1206.4
	ClisMax 43	-178431.3	350	302	-80.9
	ClisMed 43	-178431.3	350	302	-77.4

Pilastro: 138/238 / L 4.02[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 o 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 67.1+ø 8/20.0' x 268.3+ø 8/10.0' x 67.1

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
138	8	-138770.0	-214	-26161	0.83
238	17	-135913.4	34	-24766	0.79

Verifiche a Taglio						Staffe
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	
0.25	0.92	147.7	25102.5	11296.4	31868.7	ø 8/10.0'
0.92	3.60	147.7	12551.2	11296.4	15934.3	ø 8/20.0'
3.60	4.27	147.7	25102.5	11296.4	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
138	Ft. 39	-143779.4	-308	-39	-909.7
	Fc. 37	-156816.3	-305	-30	-1045.4
	ClsMax 37	-156816.3	-305	-30	-70.0
	ClsMed 37	-156816.3	-305	-30	-68.0
238	Ft. 39	-141529.4	85	-248	-899.0
	Fc. 37	-154566.3	83	-252	-1027.7
	ClsMax 37	-154566.3	83	-252	-68.7
	ClsMed 37	-154566.3	83	-252	-67.0

Combinazioni Frequenti					
138	Ft. 42	-138225.0	-309	-42	-873.2
	Fc. 40	-142570.6	-308	-40	-953.5
	ClsMax 40	-142570.6	-308	-40	-63.9
	ClsMed 40	-142570.6	-308	-40	-61.8
238	Ft. 42	-135975.0	85	-245	-863.0
	Fc. 40	-140320.6	85	-247	-934.8
	ClsMax 40	-140320.6	85	-247	-62.6
	ClsMed 40	-140320.6	85	-247	-60.9

Combinazioni Quasi Permanenti					
138	Ft. 43	-138225.0	-309	-42	-873.3
	Fc. 43	-138225.0	-309	-42	-925.5
	ClsMax 43	-138225.0	-309	-42	-62.0
	ClsMed 43	-138225.0	-309	-42	-60.0
238	Ft. 43	-135975.0	86	-245	-862.9
	Fc. 43	-135975.0	86	-245	-906.5
	ClsMax 43	-135975.0	86	-245	-60.7
	ClsMed 43	-135975.0	86	-245	-59.0

Pilastro: 238/338 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
238	17	-99822.9	-107	20134	0.64	
338	17	-97972.9	212	-21716	0.69	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	153.7	25102.5	11303.0	31868.7	ø 8/10.0'
0.77	2.93	153.7	12551.2	11303.0	15934.3	ø 8/20.0'
2.93	3.47	153.7	25102.5	11303.0	31868.7	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
238	Ft. 39	-104001.7	-30	769	-626.6	
	Fc. 37	-112705.8	-28	804	-785.5	
	ClsMax 37	-112705.8	-28	804	-52.9	
	ClsMed 37	-112705.8	-28	804	-48.9	
338	Ft. 39	-102151.7	256	-600	-607.9	
	Fc. 37	-110855.8	258	-630	-780.1	
	ClsMax 37	-110855.8	258	-630	-52.6	
	ClsMed 37	-110855.8	258	-630	-48.1	
Combinazioni Frequenti						
238	Ft. 42	-99891.6	-30	757	-600.6	
	Fc. 40	-102792.9	-29	769	-718.9	
	ClsMax 40	-102792.9	-29	769	-48.4	
	ClsMed 40	-102792.9	-29	769	-44.6	
338	Ft. 42	-98041.6	253	-589	-582.0	
	Fc. 40	-100942.9	254	-600	-713.5	
	ClsMax 40	-100942.9	254	-600	-48.2	
	ClsMed 40	-100942.9	254	-600	-43.8	
Combinazioni Quasi Permanenti						
238	Ft. 43	-99891.6	-30	757	-600.6	
	Fc. 43	-99891.6	-30	757	-699.3	
	ClsMax 43	-99891.6	-30	757	-47.1	
	ClsMed 43	-99891.6	-30	757	-43.3	
338	Ft. 43	-98041.6	254	-590	-581.9	
	Fc. 43	-98041.6	254	-590	-693.9	
	ClsMax 43	-98041.6	254	-590	-46.9	
	ClsMed 43	-98041.6	254	-590	-42.5	

Pilastro: 338/438 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 o 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
338	17	-61629.0	-207	10750	0.49	
438	17	-60149.0	37	-12008	0.55	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	156.7	25102.5	6147.6	25102.5	ø 8/10.0'
0.77	2.93	156.7	12551.2	6147.6	12551.2	ø 8/20.0'
2.93	3.47	156.7	25102.5	6147.6	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
338	Ft. 39	-64308.3	-136	437	-454.3	
	Fc. 37	-68674.5	-131	459	-594.2	
	ClisMax 37	-68674.5	-131	459	-40.3	
	ClisMed 37	-68674.5	-131	459	-36.0	
438	Ft. 39	-62828.3	23	-543	-443.2	
	Fc. 37	-67194.5	23	-564	-582.2	
	ClisMax 37	-67194.5	23	-564	-39.5	
	ClisMed 37	-67194.5	23	-564	-35.3	

Combinazioni Frequenti						
338	Ft. 42	-61644.1	-139	428	-433.9	
	Fc. 40	-63099.4	-138	436	-548.7	
	ClisMax 40	-63099.4	-138	436	-37.2	
	ClisMed 40	-63099.4	-138	436	-33.1	
438	Ft. 42	-60164.1	23	-534	-423.2	
	Fc. 40	-61619.4	23	-541	-536.3	
	ClisMax 40	-61619.4	23	-541	-36.4	
	ClisMed 40	-61619.4	23	-541	-32.3	

Combinazioni Quasi Permanenti						
338	Ft. 43	-61644.0	-139	428	-433.8	
	Fc. 43	-61644.0	-139	428	-536.7	
	ClisMax 43	-61644.0	-139	428	-36.4	
	ClisMed 43	-61644.0	-139	428	-32.4	
438	Ft. 43	-60164.0	23	-534	-423.1	
	Fc. 43	-60164.0	23	-534	-524.2	
	ClisMax 43	-60164.0	23	-534	-35.6	
	ClisMed 43	-60164.0	23	-534	-31.6	

Pilastro: 438/538 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
438	17	-24168.3	-124	8740	0.45	
538	17	-22688.3	414	-9544	0.51	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	233.4	25102.5	4940.8	25102.5	ø 8/10.0'
0.77	2.93	233.4	12551.2	4940.8	12551.2	ø 8/20.0'
2.93	3.48	233.4	25102.5	4940.8	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
438	Ft. 37	-25338.8	-98	445	-150.3	
	Fc. 38	-26282.4	-100	410	-253.1	
	ClsMax 38	-26282.4	-100	410	-17.5	
	ClsMed 38	-26282.4	-100	410	-13.8	
538	Ft. 37	-23858.8	358	-359	-122.8	
	Fc. 38	-24802.4	363	-321	-257.3	
	ClsMax 38	-24802.4	363	-321	-17.9	
	ClsMed 38	-24802.4	363	-321	-13.0	

Combinazioni Frequenti						
438	Ft. 40	-24113.8	-102	429	-141.7	
	Fc. 41	-24589.0	-103	416	-240.6	
	ClsMax 41	-24589.0	-103	416	-16.6	
	ClsMed 41	-24589.0	-103	416	-12.9	
538	Ft. 40	-22633.8	363	-341	-114.3	
	Fc. 41	-23109.0	365	-327	-244.7	
	ClsMax 41	-23109.0	365	-327	-17.1	
	ClsMed 41	-23109.0	365	-327	-12.1	

Combinazioni Quasi Permanenti						
438	Ft. 43	-24107.1	-103	421	-142.3	
	Fc. 43	-24107.1	-103	421	-237.2	
	ClsMax 43	-24107.1	-103	421	-16.4	
	ClsMed 43	-24107.1	-103	421	-12.7	
538	Ft. 43	-22627.1	365	-332	-115.0	
	Fc. 43	-22627.1	365	-332	-241.3	
	ClsMax 43	-22627.1	365	-332	-16.9	
	ClsMed 43	-22627.1	365	-332	-11.9	

Pilastro: 39/139 / L 4.75[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 79.2+ø 8/20.0' x 316.7+ø 8/10.0' x 79.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
39	36	-301559.6	-403	76	0.78
139	36	-298059.6	889	-87	0.78

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	376.2	25102.5	6673.7	31868.7	ø 8/10.0'
0.79	3.96	376.2	12551.2	6673.7	15934.3	ø 8/20.0'
3.96	4.75	376.2	25102.5	6673.7	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

39	Ft. 39	-192895.4	-290	78	-1228.2
	Fc. 37	-210159.2	-287	74	-1393.8
	ClMax 37	-210159.2	-287	74	-93.2
	ClMed 37	-210159.2	-287	74	-91.2
139	Ft. 39	-190395.4	632	-83	-1185.6
	Fc. 37	-207659.2	632	-79	-1404.1
	ClMax 37	-207659.2	632	-79	-94.3
	ClMed 37	-207659.2	632	-79	-90.1

Combinazioni Frequenti

39	Ft. 42	-185940.8	-291	78	-1182.8
	Fc. 40	-191695.1	-290	77	-1274.1
	ClMax 40	-191695.1	-290	77	-85.3
	ClMed 40	-191695.1	-290	77	-83.2
139	Ft. 42	-183440.8	633	-84	-1140.2
	Fc. 40	-189195.1	632	-83	-1284.3
	ClMax 40	-189195.1	632	-83	-86.3
	ClMed 40	-189195.1	632	-83	-82.1

Combinazioni Quasi Permanenti

39	Ft. 43	-185940.5	-291	79	-1182.8
	Fc. 43	-185940.5	-291	79	-1236.8
	ClMax 43	-185940.5	-291	79	-82.8
	ClMed 43	-185940.5	-291	79	-80.7
139	Ft. 43	-183440.5	633	-84	-1140.2
	Fc. 43	-183440.5	633	-84	-1246.9
	ClMax 43	-183440.5	633	-84	-83.8
	ClMed 43	-183440.5	633	-84	-79.6

Pilastro: 139/239 / L 4.02[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 67.1+ø 8/20.0' x 268.3+ø 8/10.0' x 67.1

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
139	17	-144265.5	-1038	26292	0.85
239	17	-142015.5	818	-24560	0.81

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	0.92	561.3	25102.5	11298.5	31868.7	ø 8/10.0'
0.92	3.60	561.3	12551.2	11298.5	15934.3	ø 8/20.0'
3.60	4.27	561.3	25102.5	11298.5	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

139	Ft. 39	-149276.8	-895	231	-888.9
	Fc. 37	-162219.7	-886	241	-1137.9
	ClsMax 37	-162219.7	-886	241	-76.9
	ClsMed 37	-162219.7	-886	241	-70.4
239	Ft. 39	-147026.8	785	-131	-888.8
	Fc. 37	-159969.7	775	-135	-1108.2
	ClsMax 37	-159969.7	775	-135	-74.7
	ClsMed 37	-159969.7	775	-135	-69.4

Combinazioni Frequenti

139	Ft. 42	-143762.6	-898	227	-853.0
	Fc. 40	-148076.6	-895	230	-1045.9
	ClsMax 40	-148076.6	-895	230	-70.7
	ClsMed 40	-148076.6	-895	230	-64.2
239	Ft. 42	-141512.6	790	-129	-852.7
	Fc. 40	-145826.6	786	-130	-1016.7
	ClsMax 40	-145826.6	786	-130	-68.6
	ClsMed 40	-145826.6	786	-130	-63.3

Combinazioni Quasi Permanenti

139	Ft. 43	-143762.3	-898	227	-853.0
	Fc. 43	-143762.3	-898	227	-1017.8
	ClsMax 43	-143762.3	-898	227	-68.9
	ClsMed 43	-143762.3	-898	227	-62.4
239	Ft. 43	-141512.3	790	-129	-852.7
	Fc. 43	-141512.3	790	-129	-988.8
	ClsMax 43	-141512.3	790	-129	-66.8
	ClsMed 43	-141512.3	790	-129	-61.4

Pilastro: 239/339 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
239	17	-104001.5	-1080	19537	0.63
339	17	-102151.5	1085	-21274	0.68

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	914.2	25102.5	11022.2	31868.7	ø 8/10.0'
0.77	2.93	914.2	12551.2	11022.2	15934.3	ø 8/20.0'
2.93	3.47	914.2	25102.5	11022.2	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

239	Ft. 39	-107622.0	-889	348	-611.0
	Fc. 37	-116246.7	-872	382	-846.5
	ClsMax 37	-116246.7	-872	382	-57.5
	ClsMed 37	-116246.7	-872	382	-50.4
339	Ft. 39	-105772.0	982	-350	-591.8
	Fc. 37	-114396.7	966	-380	-841.5
	ClsMax 37	-114396.7	966	-380	-57.3
	ClsMed 37	-114396.7	966	-380	-49.6

Combinazioni Frequenti

239	Ft. 42	-103547.3	-895	337	-584.7
	Fc. 40	-106421.9	-889	349	-781.8
	ClsMax 40	-106421.9	-889	349	-53.2
	ClsMed 40	-106421.9	-889	349	-46.2
339	Ft. 42	-101697.3	986	-340	-565.6
	Fc. 40	-104571.9	981	-351	-776.8
	ClsMax 40	-104571.9	981	-351	-52.9
	ClsMed 40	-104571.9	981	-351	-45.4

Combinazioni Quasi Permanenti

239	Ft. 43	-103547.0	-895	337	-584.7
	Fc. 43	-103547.0	-895	337	-762.8
	ClsMax 43	-103547.0	-895	337	-51.9
	ClsMed 43	-103547.0	-895	337	-44.9
339	Ft. 43	-101697.0	986	-341	-565.5
	Fc. 43	-101697.0	986	-341	-757.9
	ClsMax 43	-101697.0	986	-341	-51.7
	ClsMed 43	-101697.0	986	-341	-44.1

Pilastro: 339/439 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
339	17	-64420.8	-863	10478	0.49	
439	17	-62940.8	762	-11612	0.54	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	764.1	25102.5	5966.9	25102.5	ø 8/10.0'
0.77	2.93	764.1	12551.2	5966.9	12551.2	ø 8/20.0'
2.93	3.47	764.1	25102.5	5966.9	25102.5	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
339	Ft. 39	-66661.8	-697	284	-435.8	
	Fc. 37	-70969.7	-678	308	-648.1	
	ClsMax 37	-70969.7	-678	308	-44.3	
	ClsMed 37	-70969.7	-678	308	-37.2	
439	Ft. 39	-65181.8	642	-280	-429.5	
	Fc. 37	-69489.7	627	-304	-631.4	
	ClsMax 37	-69489.7	627	-304	-43.2	
	ClsMed 37	-69489.7	627	-304	-36.5	
Combinazioni Frequenti						
339	Ft. 42	-64026.1	-705	275	-415.2	
	Fc. 40	-65461.8	-699	283	-604.3	
	ClsMax 40	-65461.8	-699	283	-41.4	
	ClsMed 40	-65461.8	-699	283	-34.4	
439	Ft. 42	-62546.1	649	-269	-409.2	
	Fc. 40	-63981.8	643	-278	-587.2	
	ClsMax 40	-63981.8	643	-278	-40.2	
	ClsMed 40	-63981.8	643	-278	-33.6	
Combinazioni Quasi Permanenti						
339	Ft. 43	-64025.9	-705	275	-415.2	
	Fc. 43	-64025.9	-705	275	-592.9	
	ClsMax 43	-64025.9	-705	275	-40.7	
	ClsMed 43	-64025.9	-705	275	-33.6	
439	Ft. 43	-62545.9	649	-270	-409.1	
	Fc. 43	-62545.9	649	-270	-575.6	
	ClsMax 43	-62545.9	649	-270	-39.4	
	ClsMed 43	-62545.9	649	-270	-32.8	

Pilastro: 439/539 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
439	17	-25175.5	-1111	8337	0.43
539	17	-23695.5	1601	-9247	0.51

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	1196.4	25102.5	4751.7	25102.5	ø 8/10.0'
0.77	2.93	1196.4	12551.2	4751.7	12551.2	ø 8/20.0'
2.93	3.48	1196.4	25102.5	4751.7	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
439	Ft. 37	-26036.4	-918	214	-102.3
	Fc. 38	-27004.0	-942	176	-313.9
	ClMax 38	-27004.0	-942	176	-22.2
	ClMed 38	-27004.0	-942	176	-14.2
539	Ft. 39	-24563.6	1368	-235	-48.1
	Fc. 38	-25524.0	1367	-228	-345.6
	ClMax 38	-25524.0	1367	-228	-24.9
	ClMed 38	-25524.0	1367	-228	-13.4

Combinazioni Frequenti					
439	Ft. 40	-24843.0	-945	193	-92.5
	Fc. 41	-25325.6	-952	179	-301.9
	ClMax 41	-25325.6	-952	179	-21.4
	ClMed 41	-25325.6	-952	179	-13.3
539	Ft. 42	-23365.5	1379	-233	-37.9
	Fc. 41	-23845.6	1378	-229	-333.4
	ClMax 41	-23845.6	1378	-229	-24.1
	ClMed 41	-23845.6	1378	-229	-12.5

Combinazioni Quasi Permanenti					
439	Ft. 43	-24845.4	-953	182	-92.7
	Fc. 43	-24845.4	-953	182	-298.5
	ClMax 43	-24845.4	-953	182	-21.2
	ClMed 43	-24845.4	-953	182	-13.0
539	Ft. 43	-23365.4	1378	-233	-37.9
	Fc. 43	-23365.4	1378	-233	-330.0
	ClMax 43	-23365.4	1378	-233	-23.9
	ClMed 43	-23365.4	1378	-233	-12.3

Pilastro: 40/140 / L 4.75[m] / Sezione I B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 79.2+ø 8/20.0' x 316.7+ø 8/10.0' x 79.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
40	17	-181723.9	-312	18910	0.76
140	36	-291883.3	283	-1	0.75

Verifiche a Taglio						Staffe
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	
0.00	0.79	198.4	25102.5	6672.5	31868.7	ø 8/10.0'
0.79	3.96	198.4	12551.2	6672.5	15934.3	ø 8/20.0'
3.96	4.75	198.4	25102.5	6672.5	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
40	Ft. 39	-188454.8	-81	47	-1217.1
	Fc. 37	-205739.8	-80	44	-1347.5
	ClsMax 37	-205739.8	-80	44	-89.9
	ClsMed 37	-205739.8	-80	44	-89.2
140	Ft. 39	-185954.8	200	-21	-1193.4
	Fc. 37	-203239.8	201	-17	-1338.8
	ClsMax 37	-203239.8	201	-17	-89.5
	ClsMed 37	-203239.8	201	-17	-88.2

Combinazioni Frequenti					
40	Ft. 42	-181491.7	-82	48	-1171.7
	Fc. 40	-187253.3	-81	47	-1227.5
	ClsMax 40	-187253.3	-81	47	-81.9
	ClsMed 40	-187253.3	-81	47	-81.2
140	Ft. 42	-178991.7	200	-22	-1148.1
	Fc. 40	-184753.3	200	-21	-1218.6
	ClsMax 40	-184753.3	200	-21	-81.4
	ClsMed 40	-184753.3	200	-21	-80.1

Combinazioni Quasi Permanenti					
40	Ft. 43	-181491.7	-82	48	-1171.7
	Fc. 43	-181491.7	-82	48	-1190.1
	ClsMax 43	-181491.7	-82	48	-79.4
	ClsMed 43	-181491.7	-82	48	-78.7
140	Ft. 43	-178991.7	200	-22	-1148.0
	Fc. 43	-178991.7	200	-22	-1181.2
	ClsMax 43	-178991.7	200	-22	-79.0
	ClsMed 43	-178991.7	200	-22	-77.6

Pilastro: 140/240 / L 4.02[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 67.1+ø 8/20.0' x 268.3+ø 8/10.0' x 67.1

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
140	17	-140276.8	-353	26327	0.84
240	17	-138026.8	133	-24638	0.79

Verifiche a Taglio						Staffe
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	
0.25	0.92	145.6	25102.5	11323.6	31868.7	ø 8/10.0'
0.92	3.60	145.6	12551.2	11323.6	15934.3	ø 8/20.0'
3.60	4.27	145.6	25102.5	11323.6	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
140	Ft. 39	-145558.7	-239	182	-917.6
	Fc. 37	-158521.9	-237	193	-1061.4
	ClSMax 37	-158521.9	-237	193	-71.1
	ClSMed 37	-158521.9	-237	193	-68.8
240	Ft. 39	-143308.7	177	-137	-910.4
	Fc. 37	-156271.9	176	-143	-1039.1
	ClSMax 37	-156271.9	176	-143	-69.5
	ClSMed 37	-156271.9	176	-143	-67.8

Combinazioni Frequenti					
140	Ft. 42	-140036.3	-240	177	-881.9
	Fc. 40	-144357.3	-239	181	-968.7
	ClSMax 40	-144357.3	-239	181	-64.9
	ClSMed 40	-144357.3	-239	181	-62.6
240	Ft. 42	-137786.3	178	-134	-874.6
	Fc. 40	-142107.3	178	-136	-946.6
	ClSMax 40	-142107.3	178	-136	-63.4
	ClSMed 40	-142107.3	178	-136	-61.6

Combinazioni Quasi Permanenti					
140	Ft. 43	-140036.3	-240	177	-881.9
	Fc. 43	-140036.3	-240	177	-940.4
	ClSMax 43	-140036.3	-240	177	-63.0
	ClSMed 43	-140036.3	-240	177	-60.7
240	Ft. 43	-137786.3	178	-135	-874.6
	Fc. 43	-137786.3	178	-135	-918.4
	ClSMax 43	-137786.3	178	-135	-61.5
	ClSMed 43	-137786.3	178	-135	-59.8

Pilastro: 240/340 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
240	17	-101143.9	-271	19648	0.62	
340	17	-99293.9	270	-21348	0.68	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	203.4	25102.5	11072.3	31868.7	ø 8/10.0'
0.77	2.93	203.4	12551.2	11072.3	15934.3	ø 8/20.0'
2.93	3.47	203.4	25102.5	11072.3	31868.7	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
240	Ft. 39	-104988.7	-185	383	-645.2	
	Fc. 37	-113630.4	-183	419	-779.4	
	ClsMax 37	-113630.4	-183	419	-52.4	
	ClsMed 37	-113630.4	-183	419	-49.3	
340	Ft. 39	-103138.7	236	-346	-631.6	
	Fc. 37	-111780.4	237	-379	-768.9	
	ClsMax 37	-111780.4	237	-379	-51.7	
	ClsMed 37	-111780.4	237	-379	-48.5	
Combinazioni Frequenti						
240	Ft. 42	-100906.8	-185	371	-619.4	
	Fc. 40	-103787.3	-184	383	-713.1	
	ClsMax 40	-103787.3	-184	383	-48.0	
	ClsMed 40	-103787.3	-184	383	-45.0	
340	Ft. 42	-99056.8	234	-335	-605.8	
	Fc. 40	-101937.3	235	-347	-702.7	
	ClsMax 40	-101937.3	235	-347	-47.3	
	ClsMed 40	-101937.3	235	-347	-44.2	
Combinazioni Quasi Permanenti						
240	Ft. 43	-100906.7	-185	371	-619.4	
	Fc. 43	-100906.7	-185	371	-693.7	
	ClsMax 43	-100906.7	-185	371	-46.7	
	ClsMed 43	-100906.7	-185	371	-43.8	
340	Ft. 43	-99056.7	235	-336	-605.8	
	Fc. 43	-99056.7	235	-336	-683.3	
	ClsMax 43	-99056.7	235	-336	-46.0	
	ClsMed 43	-99056.7	235	-336	-43.0	

Pilastro: 340/440 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
340	17	-62522.6	-173	10530	0.48	
440	17	-61042.6	96	-11695	0.54	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	148.9	25102.5	6003.5	25102.5	ø 8/10.0'
0.77	2.93	148.9	12551.2	6003.5	12551.2	ø 8/20.0'
2.93	3.47	148.9	25102.5	6003.5	25102.5	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
340	Ft. 39	-64929.3	-112	286	-475.1	
	Fc. 37	-69249.6	-108	311	-583.1	
	ClsMax 37	-69249.6	-108	311	-39.4	
	ClsMed 37	-69249.6	-108	311	-36.3	
440	Ft. 39	-63449.3	75	-304	-465.1	
	Fc. 37	-67769.6	74	-330	-570.1	
	ClsMax 37	-67769.6	74	-330	-38.5	
	ClsMed 37	-67769.6	74	-330	-35.6	
Combinazioni Frequenti						
340	Ft. 42	-62287.9	-114	275	-455.1	
	Fc. 40	-63728.0	-112	284	-537.6	
	ClsMax 40	-63728.0	-112	284	-36.3	
	ClsMed 40	-63728.0	-112	284	-33.4	
440	Ft. 42	-60807.9	75	-293	-445.4	
	Fc. 40	-62248.0	75	-302	-524.2	
	ClsMax 40	-62248.0	75	-302	-35.4	
	ClsMed 40	-62248.0	75	-302	-32.7	
Combinazioni Quasi Permanenti						
340	Ft. 43	-62287.9	-114	276	-455.1	
	Fc. 43	-62287.9	-114	276	-525.6	
	ClsMax 43	-62287.9	-114	276	-35.5	
	ClsMed 43	-62287.9	-114	276	-32.7	
440	Ft. 43	-60807.9	75	-293	-445.3	
	Fc. 43	-60807.9	75	-293	-512.1	
	ClsMax 43	-60807.9	75	-293	-34.6	
	ClsMed 43	-60807.9	75	-293	-31.9	

Pilastro: 440/540 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 o 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
440	17	-24255.1	-270	8416	0.43
540	17	-22775.1	554	-9291	0.49

Verifiche a Taglio						Staffe
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	
0.23	0.77	312.2	25102.5	4785.2	25102.5	ø 8/10.0'
0.77	2.93	312.2	12551.2	4785.2	12551.2	ø 8/20.0'
2.93	3.48	312.2	25102.5	4785.2	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
440	Ft. 37	-25215.7	-237	231	-156.1
	Fc. 38	-26177.7	-240	191	-245.1
	ClsMax 38	-26177.7	-240	191	-16.8
	ClsMed 38	-26177.7	-240	191	-13.7
540	Ft. 37	-23735.7	486	-252	-120.0
	Fc. 38	-24697.7	491	-210	-258.0
	ClsMax 38	-24697.7	491	-210	-18.0
	ClsMed 38	-24697.7	491	-210	-13.0

Combinazioni Frequenti					
440	Ft. 40	-24015.5	-240	208	-148.5
	Fc. 41	-24496.4	-241	193	-232.2
	ClsMax 41	-24496.4	-241	193	-16.0
	ClsMed 41	-24496.4	-241	193	-12.9
540	Ft. 40	-22535.5	488	-226	-112.6
	Fc. 41	-23016.4	490	-211	-244.8
	ClsMax 41	-23016.4	490	-211	-17.1
	ClsMed 41	-23016.4	490	-211	-12.1

Combinazioni Quasi Permanenti					
440	Ft. 43	-24015.9	-241	197	-149.4
	Fc. 43	-24015.9	-241	197	-228.8
	ClsMax 43	-24015.9	-241	197	-15.8
	ClsMed 43	-24015.9	-241	197	-12.6
540	Ft. 43	-22535.9	489	-215	-113.6
	Fc. 43	-22535.9	489	-215	-241.3
	ClsMax 43	-22535.9	489	-215	-16.9
	ClsMed 43	-22535.9	489	-215	-11.8

Pilastro: 41/141 / L 4.75[m] / Sezione 1 B 50 [cm] H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 79.2+ø 8/20.0' x 316.7+ø 8/10.0' x 79.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
41	36	-302110.9	-408	34	0.78	
141	36	-298610.9	869	-3	0.78	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	331.5	25102.5	6666.7	31868.7	ø 8/10.0'
0.79	3.96	331.5	12551.2	6666.7	15934.3	ø 8/20.0'
3.96	4.75	331.5	25102.5	6666.7	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
41	Ft. 39	-193250.3	-293	48	-1232.1	
	Fc. 37	-210538.9	-292	45	-1394.9	
	ClsMax 37	-210538.9	-292	45	-93.3	
	ClsMed 37	-210538.9	-292	45	-91.3	
141	Ft. 39	-190750.3	619	-23	-1192.6	
	Fc. 37	-208038.9	620	-19	-1402.0	
	ClsMax 37	-208038.9	620	-19	-94.1	
	ClsMed 37	-208038.9	620	-19	-90.2	

Combinazioni Frequenti						
41	Ft. 42	-186280.2	-293	49	-1186.7	
	Fc. 40	-192042.9	-293	48	-1274.8	
	ClsMax 40	-192042.9	-293	48	-85.3	
	ClsMed 40	-192042.9	-293	48	-83.3	
141	Ft. 42	-183780.2	619	-24	-1147.2	
	Fc. 40	-189542.9	619	-23	-1281.8	
	ClsMax 40	-189542.9	619	-23	-86.1	
	ClsMed 40	-189542.9	619	-23	-82.2	

Combinazioni Quasi Permanenti						
41	Ft. 43	-186280.0	-293	49	-1186.7	
	Fc. 43	-186280.0	-293	49	-1237.4	
	ClsMax 43	-186280.0	-293	49	-82.8	
	ClsMed 43	-186280.0	-293	49	-80.8	
141	Ft. 43	-183780.0	619	-24	-1147.2	
	Fc. 43	-183780.0	619	-24	-1244.3	
	ClsMax 43	-183780.0	619	-24	-83.6	
	ClsMed 43	-183780.0	619	-24	-79.7	

Pilastro: 141/241 / L 4.02[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 σ 18 Af=20.36 [cm²] < 1 ϕ 18 x 4 V + 1 ϕ 18 x 2 B + 1 ϕ 18 x 2 H >

Staffe: σ 8/10.0' x 67.1+ σ 8/20.0' x 268.3+ σ 8/10.0' x 67.1

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
141	17	-144386.0	-1146	26294	0.85
241	17	-142136.0	935	-24603	0.81

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	0.92	573.9	25102.5	11308.6	31868.7	σ 8/10.0'
0.92	3.60	573.9	12551.2	11308.6	15934.3	σ 8/20.0'
3.60	4.27	573.9	25102.5	11308.6	31868.7	σ 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm ²]
------	------	-----------	-------------	-------------	-----------------------------------

Combinazioni Rare

141	Ft. 39	-149473.9	-949	180	-889.2
	Fc. 37	-162440.5	-948	190	-1140.9
	ClisMax 37	-162440.5	-948	190	-77.1
	ClisMed 37	-162440.5	-948	190	-70.5
241	Ft. 39	-147223.9	894	-130	-881.8
	Fc. 37	-160190.5	893	-135	-1118.7
	ClisMax 37	-160190.5	893	-135	-75.5
	ClisMed 37	-160190.5	893	-135	-69.5

Combinazioni Frequenti

141	Ft. 42	-143944.5	-949	175	-853.5
	Fc. 40	-148266.6	-948	179	-1048.0
	ClisMax 40	-148266.6	-948	179	-70.9
	ClisMed 40	-148266.6	-948	179	-64.3
241	Ft. 42	-141694.5	893	-128	-846.1
	Fc. 40	-146016.6	893	-130	-1026.0
	ClisMax 40	-146016.6	893	-130	-69.3
	ClisMed 40	-146016.6	893	-130	-63.3

Combinazioni Quasi Permanenti

141	Ft. 43	-143944.4	-949	175	-853.5
	Fc. 43	-143944.4	-949	175	-1019.7
	ClisMax 43	-143944.4	-949	175	-69.0
	ClisMed 43	-143944.4	-949	175	-62.4
241	Ft. 43	-141694.4	893	-128	-846.1
	Fc. 43	-141694.4	893	-128	-997.8
	ClisMax 43	-141694.4	893	-128	-67.5
	ClisMed 43	-141694.4	893	-128	-61.5

Pilastro: 241/341 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
241	17	-104140.7	-1296	19614	0.64
341	17	-102290.7	1265	-21324	0.68

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	875.8	25102.5	11056.6	31868.7	ø 8/10.0'
0.77	2.93	875.8	12551.2	11056.6	15934.3	ø 8/20.0'
2.93	3.47	875.8	25102.5	11056.6	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

241	Ft. 39	-107834.8	-1078	373	-596.4
	Fc. 37	-116479.5	-1078	408	-865.3
	ClMax 37	-116479.5	-1078	408	-59.0
	ClMed 37	-116479.5	-1078	408	-50.5
341	Ft. 39	-105984.8	1143	-340	-581.5
	Fc. 37	-114629.5	1145	-372	-856.1
	ClMax 37	-114629.5	1145	-372	-58.4
	ClMed 37	-114629.5	1145	-372	-49.7

Combinazioni Frequenti

241	Ft. 42	-103746.9	-1075	361	-570.8
	Fc. 40	-106628.3	-1075	373	-798.8
	ClMax 40	-106628.3	-1075	373	-54.5
	ClMed 40	-106628.3	-1075	373	-46.3
341	Ft. 42	-101896.9	1138	-330	-555.9
	Fc. 40	-104778.3	1139	-341	-789.6
	ClMax 40	-104778.3	1139	-341	-53.9
	ClMed 40	-104778.3	1139	-341	-45.4

Combinazioni Quasi Permanenti

241	Ft. 43	-103746.7	-1075	362	-570.8
	Fc. 43	-103746.7	-1075	362	-779.3
	ClMax 43	-103746.7	-1075	362	-53.2
	ClMed 43	-103746.7	-1075	362	-45.0
341	Ft. 43	-101896.7	1138	-330	-555.9
	Fc. 43	-101896.7	1138	-330	-770.1
	ClMax 43	-101896.7	1138	-330	-52.6
	ClMed 43	-101896.7	1138	-330	-44.2

Pilastro: 341/441 / L 3.25[m] / Sczione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
341	17	-64495.9	-1002	10516	0.50	
441	17	-63015.9	907	-11675	0.54	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	684.6	25102.5	5994.4	25102.5	ø 8/10.0'
0.77	2.93	684.6	12551.2	5994.4	12551.2	ø 8/20.0'
2.93	3.47	684.6	25102.5	5994.4	25102.5	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
341	Ft. 39	-66801.5	-848	279	-423.7	
	Fc. 37	-71124.3	-845	303	-664.1	
	ClsMax 37	-71124.3	-845	303	-45.6	
	ClsMed 37	-71124.3	-845	303	-37.3	
441	Ft. 39	-65321.5	785	-291	-416.6	
	Fc. 37	-69644.3	783	-316	-647.9	
	ClsMax 37	-69644.3	783	-316	-44.5	
	ClsMed 37	-69644.3	783	-316	-36.6	
Combinazioni Frequenti						
341	Ft. 42	-64155.4	-847	269	-404.0	
	Fc. 40	-65596.3	-846	277	-618.2	
	ClsMax 40	-65596.3	-846	277	-42.5	
	ClsMed 40	-65596.3	-846	277	-34.4	
441	Ft. 42	-62675.4	783	-280	-397.0	
	Fc. 40	-64116.3	782	-289	-601.8	
	ClsMax 40	-64116.3	782	-289	-41.4	
	ClsMed 40	-64116.3	782	-289	-33.7	
Combinazioni Quasi Permanenti						
341	Ft. 43	-64155.3	-847	269	-403.9	
	Fc. 43	-64155.3	-847	269	-606.2	
	ClsMax 43	-64155.3	-847	269	-41.7	
	ClsMed 43	-64155.3	-847	269	-33.7	
441	Ft. 43	-62675.3	783	-281	-397.0	
	Fc. 43	-62675.3	783	-281	-589.8	
	ClsMax 43	-62675.3	783	-281	-40.5	
	ClsMed 43	-62675.3	783	-281	-32.9	

Pilastro: 441/541 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
441	17	-25266.2	-1377	8400	0.44
541	17	-23786.2	2000	-9284	0.52

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	1149.6	25102.5	4778.8	25102.5	ø 8/10.0'
0.77	2.93	1149.6	12551.2	4778.8	12551.2	ø 8/20.0'
2.93	3.48	1149.6	25102.5	4778.8	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
441	Ft. 37	-26186.3	-1230	217	-75.0
	Fc. 38	-27146.3	-1235	178	-341.8
	ClMax 38	-27146.3	-1235	178	-24.4
	ClMed 38	-27146.3	-1235	178	-14.2
541	Ft. 37	-24706.3	1791	-244	-9.4
	Fc. 38	-25666.3	1795	-204	-383.3
	ClMax 38	-25666.3	1795	-204	-27.9
	ClMed 38	-25666.3	1795	-204	-13.5

Combinazioni Frequenti					
441	Ft. 40	-24980.4	-1224	195	-68.0
	Fc. 41	-25460.8	-1226	181	-328.0
	ClMax 41	-25460.8	-1226	181	-23.5
	ClMed 41	-25460.8	-1226	181	-13.4
541	Ft. 40	-23500.4	1775	-220	-3.0
	Fc. 41	-23980.8	1778	-206	-369.0
	ClMax 41	-23980.8	1778	-206	-26.9
	ClMed 41	-23980.8	1778	-206	-12.8

Combinazioni Quasi Permanenti					
441	Ft. 43	-24979.5	-1224	185	-69.0
	Fc. 43	-24979.5	-1224	185	-324.3
	ClMax 43	-24979.5	-1224	185	-23.2
	ClMed 43	-24979.5	-1224	185	-13.1
541	Ft. 43	-23499.5	1773	-209	-4.2
	Fc. 43	-23499.5	1773	-209	-365.3
	ClMax 43	-23499.5	1773	-209	-26.6
	ClMed 43	-23499.5	1773	-209	-12.7

Pilastro: 42/142 / L 4.75[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 79.2+ø 8/20.0' x 316.7+ø 8/10.0' x 79.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
42	17	-181776.9	-467	18917	0.76
142	36	-291963.2	263	-57	0.75

Verifiche a Taglio						Staffe
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	
0.00	0.79	191.2	25102.5	6677.1	31868.7	ø 8/10.0'
0.79	3.96	191.2	12551.2	6677.1	15934.3	ø 8/20.0'
3.96	4.75	191.2	25102.5	6677.1	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
42	Ft. 39	-188505.3	-84	67	-1215.9
	Fc. 37	-205795.7	-83	64	-1349.4
	ClsMax 37	-205795.7	-83	64	-90.1
	ClsMed 37	-205795.7	-83	64	-89.3
142	Ft. 39	-186005.3	187	-62	-1192.2
	Fc. 37	-203295.7	188	-58	-1340.6
	ClsMax 37	-203295.7	188	-58	-89.6
	ClsMed 37	-203295.7	188	-58	-88.2

Combinazioni Frequenti					
42	Ft. 42	-181539.5	-85	68	-1170.5
	Fc. 40	-187303.0	-84	67	-1229.3
	ClsMax 40	-187303.0	-84	67	-82.1
	ClsMed 40	-187303.0	-84	67	-81.2
142	Ft. 42	-179039.5	187	-63	-1146.8
	Fc. 40	-184803.0	187	-61	-1220.5
	ClsMax 40	-184803.0	187	-61	-81.6
	ClsMed 40	-184803.0	187	-61	-80.2

Combinazioni Quasi Permanenti					
42	Ft. 43	-181539.5	-85	68	-1170.5
	Fc. 43	-181539.5	-85	68	-1191.9
	ClsMax 43	-181539.5	-85	68	-79.6
	ClsMed 43	-181539.5	-85	68	-78.7
142	Ft. 43	-179039.5	187	-63	-1146.8
	Fc. 43	-179039.5	187	-63	-1183.0
	ClsMax 43	-179039.5	187	-63	-79.1
	ClsMed 43	-179039.5	187	-63	-77.7

Pilastro: 142/242 / L 4.02[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 67.1+ø 8/20.0' x 268.3+ø 8/10.0' x 67.1

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
142	17	-140297.5	-432	26333	0.84
242	17	-138047.5	110	-24624	0.79

Verifiche a Taglio						Staffe
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	
0.25	0.92	176.5	25102.5	11321.9	31868.7	ø 8/10.0'
0.92	3.60	176.5	12551.2	11321.9	15934.3	ø 8/20.0'
3.60	4.27	176.5	25102.5	11321.9	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
142	Ft. 39	-145529.5	-245	218	-914.7
	Fc. 37	-158497.2	-244	229	-1064.1
	ClisMax 37	-158497.2	-244	229	-71.3
	ClisMed 37	-158497.2	-244	229	-68.8
242	Ft. 39	-143279.5	188	-141	-909.2
	Fc. 37	-156247.2	188	-147	-1040.1
	ClisMax 37	-156247.2	188	-147	-69.6
	ClisMed 37	-156247.2	188	-147	-67.8

Combinazioni Frequenti					
142	Ft. 42	-140004.9	-245	213	-879.0
	Fc. 40	-144327.4	-245	217	-971.2
	ClisMax 40	-144327.4	-245	217	-65.1
	ClisMed 40	-144327.4	-245	217	-62.6
242	Ft. 42	-137754.9	188	-138	-873.4
	Fc. 40	-142077.4	188	-140	-947.5
	ClisMax 40	-142077.4	188	-140	-63.4
	ClisMed 40	-142077.4	188	-140	-61.6

Combinazioni Quasi Permanenti					
142	Ft. 43	-140004.9	-245	213	-879.0
	Fc. 43	-140004.9	-245	213	-942.9
	ClisMax 43	-140004.9	-245	213	-63.2
	ClisMed 43	-140004.9	-245	213	-60.7
242	Ft. 43	-137754.9	188	-138	-873.4
	Fc. 43	-137754.9	188	-138	-919.2
	ClisMax 43	-137754.9	188	-138	-61.5
	ClisMed 43	-137754.9	188	-138	-59.8

Pilastro: 242/342 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
242	17	-101170.9	-341	19621	0.62
342	17	-99320.9	275	-21336	0.68

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	231.8	25102.5	11061.8	31868.7	ø 8/10.0'
0.77	2.93	231.8	12551.2	11061.8	15934.3	ø 8/20.0'
2.93	3.47	231.8	25102.5	11061.8	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
242	Ft. 39	-104963.5	-204	366	-644.6
	Fc. 37	-113607.3	-204	403	-779.8
	ClisMax 37	-113607.3	-204	403	-52.4
	ClisMed 37	-113607.3	-204	403	-49.3
342	Ft. 39	-103113.5	234	-345	-631.6
	Fc. 37	-111757.3	235	-378	-768.5
	ClisMax 37	-111757.3	235	-378	-51.7
	ClisMed 37	-111757.3	235	-378	-48.5

Combinazioni Frequenti					
242	Ft. 42	-100880.6	-203	353	-618.9
	Fc. 40	-103761.8	-203	366	-713.4
	ClisMax 40	-103761.8	-203	366	-48.0
	ClisMed 40	-103761.8	-203	366	-45.0
342	Ft. 42	-99030.6	232	-334	-605.9
	Fc. 40	-101911.8	233	-345	-702.3
	ClisMax 40	-101911.8	233	-345	-47.3
	ClisMed 40	-101911.8	233	-345	-44.2

Combinazioni Quasi Permanenti					
242	Ft. 43	-100880.5	-203	354	-618.9
	Fc. 43	-100880.5	-203	354	-693.9
	ClisMax 43	-100880.5	-203	354	-46.7
	ClisMed 43	-100880.5	-203	354	-43.8
342	Ft. 43	-99030.5	232	-335	-605.9
	Fc. 43	-99030.5	232	-335	-682.8
	ClisMax 43	-99030.5	232	-335	-46.0
	ClisMed 43	-99030.5	232	-335	-43.0

Pilastro: 342/442 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
342	17	-62538.2	-205	10524	0.48	
442	17	-61058.2	123	-11682	0.54	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	133.1	25102.5	5998.4	25102.5	ø 8/10.0'
0.77	2.93	133.1	12551.2	5998.4	12551.2	ø 8/20.0'
2.93	3.47	133.1	25102.5	5998.4	25102.5	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
342	Ft. 39	-64899.7	-135	288	-472.6	
	Fc. 37	-69220.7	-134	313	-585.4	
	ClsMax 37	-69220.7	-134	313	-39.5	
	ClsMed 37	-69220.7	-134	313	-36.3	
442	Ft. 39	-63419.7	87	-301	-464.0	
	Fc. 37	-67740.7	87	-327	-570.8	
	ClsMax 37	-67740.7	87	-327	-38.5	
	ClsMed 37	-67740.7	87	-327	-35.6	
Combinazioni Frequenti						
342	Ft. 42	-62258.2	-135	277	-452.7	
	Fc. 40	-63698.5	-135	286	-539.6	
	ClsMax 40	-63698.5	-135	286	-36.5	
	ClsMed 40	-63698.5	-135	286	-33.4	
442	Ft. 42	-60778.2	87	-290	-444.3	
	Fc. 40	-62218.5	87	-298	-524.8	
	ClsMax 40	-62218.5	87	-298	-35.4	
	ClsMed 40	-62218.5	87	-298	-32.7	
Combinazioni Quasi Permanenti						
342	Ft. 43	-62258.2	-135	278	-452.7	
	Fc. 43	-62258.2	-135	278	-527.6	
	ClsMax 43	-62258.2	-135	278	-35.6	
	ClsMed 43	-62258.2	-135	278	-32.7	
442	Ft. 43	-60778.2	87	-290	-444.3	
	Fc. 43	-60778.2	87	-290	-512.7	
	ClsMax 43	-60778.2	87	-290	-34.6	
	ClsMed 43	-60778.2	87	-290	-31.9	

Pilastro: 442/542 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
442	17	-24242.5	-307	8397	0.43	
542	17	-22762.5	618	-9272	0.49	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	313.5	25102.5	4774.8	25102.5	ø 8/10.0'
0.77	2.93	313.5	12551.2	4774.8	12551.2	ø 8/20.0'
2.93	3.48	313.5	25102.5	4774.8	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
442	Ft. 37	-25176.4	-274	221	-153.3	
	Fc. 38	-26139.1	-275	181	-247.1	
	ClsMax 38	-26139.1	-275	181	-17.0	
	ClsMed 38	-26139.1	-275	181	-13.7	
542	Ft. 37	-23696.4	529	-240	-116.8	
	Fc. 38	-24659.1	532	-199	-260.4	
	ClsMax 38	-24659.1	532	-199	-18.2	
	ClsMed 38	-24659.1	532	-199	-12.9	

Combinazioni Frequenti						
442	Ft. 40	-23977.4	-273	198	-146.1	
	Fc. 41	-24458.4	-273	184	-234.0	
	ClsMax 41	-24458.4	-273	184	-16.1	
	ClsMed 41	-24458.4	-273	184	-12.8	
542	Ft. 40	-22497.4	526	-216	-109.9	
	Fc. 41	-22978.4	527	-201	-246.9	
	ClsMax 41	-22978.4	527	-201	-17.3	
	ClsMed 41	-22978.4	527	-201	-12.1	

Combinazioni Quasi Permanenti						
442	Ft. 43	-23978.0	-273	188	-147.0	
	Fc. 43	-23978.0	-273	188	-230.5	
	ClsMax 43	-23978.0	-273	188	-15.9	
	ClsMed 43	-23978.0	-273	188	-12.6	
542	Ft. 43	-22498.0	526	-205	-110.9	
	Fc. 43	-22498.0	526	-205	-243.3	
	ClsMax 43	-22498.0	526	-205	-17.1	
	ClsMed 43	-22498.0	526	-205	-11.8	

Pilastro: 43/143 / L 4.75[m] / Sezione 1 B 50 [cm] H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 79.2+ø 8/20.0' x 316.7+ø 8/10.0' x 79.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
43	36	-302775.8	-403	-102	0.78
143	36	-299275.8	829	276	0.78

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	377.6	25102.5	6737.3	31868.7	ø 8/10.0'
0.79	3.96	377.6	12551.2	6737.3	15934.3	ø 8/20.0'
3.96	4.75	377.6	25102.5	6737.3	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

43	Ft. 39	-193637.7	-289	-51	-1234.7
	Fc. 37	-210986.1	-288	-54	-1398.1
	ClisMax 37	-210986.1	-288	-54	-93.5
	ClisMed 37	-210986.1	-288	-54	-91.5
143	Ft. 39	-191137.7	592	180	-1187.4
	Fc. 37	-208486.1	592	183	-1413.0
	ClisMax 37	-208486.1	592	183	-94.9
	ClisMed 37	-208486.1	592	183	-90.4

Combinazioni Frequenti

43	Ft. 42	-186641.8	-289	-51	-1189.2
	Fc. 40	-192424.5	-289	-52	-1277.2
	ClisMax 40	-192424.5	-289	-52	-85.5
	ClisMed 40	-192424.5	-289	-52	-83.5
143	Ft. 42	-184141.8	592	180	-1141.9
	Fc. 40	-189924.5	592	180	-1292.0
	ClisMax 40	-189924.5	592	180	-86.8
	ClisMed 40	-189924.5	592	180	-82.4

Combinazioni Quasi Permanenti

43	Ft. 43	-186641.7	-289	-51	-1189.2
	Fc. 43	-186641.7	-289	-51	-1239.6
	ClisMax 43	-186641.7	-289	-51	-82.9
	ClisMed 43	-186641.7	-289	-51	-81.0
143	Ft. 43	-184141.7	592	179	-1141.9
	Fc. 43	-184141.7	592	179	-1254.3
	ClisMax 43	-184141.7	592	179	-84.3
	ClisMed 43	-184141.7	592	179	-79.9

Pilastro: 143/243 / L 4.02[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 σ 18 Af=20.36 [cm²] < 1 ϕ 18 x 4 V + 1 ϕ 18 x 2 B + 1 ϕ 18 x 2 H >

Staffe: σ 8/10.0' x 67.1+ σ 8/20.0' x 268.3+ σ 8/10.0' x 67.1

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
143	17	-145092.5	-1262	26276	0.85
243	17	-142842.5	954	-24690	0.81

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	0.92	644.5	25102.5	11324.0	31868.7	ø 8/10.0'
0.92	3.60	644.5	12551.2	11324.0	15934.3	ø 8/20.0'
3.60	4.27	644.5	25102.5	11324.0	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm ²]

Combinazioni Rare					
143	Ft. 39	-150516.1	-928	10	-908.2
	Fc. 37	-163538.0	-926	21	-1135.8
	ClsMax 37	-163538.0	-926	21	-76.6
	ClsMed 37	-163538.0	-926	21	-70.9
243	Ft. 39	-148266.1	872	-133	-890.2
	Fc. 37	-161288.0	869	-137	-1124.1
	ClsMax 37	-161288.0	869	-137	-75.9
	ClsMed 37	-161288.0	869	-137	-70.0

Combinazioni Frequenti					
143	Ft. 42	-144962.7	-927	5	-872.4
	Fc. 40	-149303.3	-927	9	-1042.5
	ClsMax 40	-149303.3	-927	9	-70.4
	ClsMed 40	-149303.3	-927	9	-64.8
243	Ft. 42	-142712.7	871	-130	-854.2
	Fc. 40	-147053.3	870	-132	-1031.2
	ClsMax 40	-147053.3	870	-132	-69.7
	ClsMed 40	-147053.3	870	-132	-63.8

Combinazioni Quasi Permanenti					
143	Ft. 43	-144962.7	-927	5	-872.4
	Fc. 43	-144962.7	-927	5	-1014.1
	ClsMax 43	-144962.7	-927	5	-68.5
	ClsMed 43	-144962.7	-927	5	-62.9
243	Ft. 43	-142712.7	871	-130	-854.2
	Fc. 43	-142712.7	871	-130	-1002.9
	ClsMax 43	-142712.7	871	-130	-67.8
	ClsMed 43	-142712.7	871	-130	-61.9

Pilastro: 243/343 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
243	17	-104482.2	-1401	19792	0.64
343	17	-102632.2	1314	-21446	0.69

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	1021.5	25102.5	11137.7	31868.7	ø 8/10.0'
0.77	2.93	1021.5	12551.2	11137.7	15934.3	ø 8/20.0'
2.93	3.47	1021.5	25102.5	11137.7	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

243	Ft. 39	-108660.4	-1049	543	-593.4
	Fc. 37	-117359.3	-1047	579	-879.3
	ClsMax 37	-117359.3	-1047	579	-60.0
	ClsMed 37	-117359.3	-1047	579	-50.9
343	Ft. 39	-106810.4	1089	-479	-582.4
	Fc. 37	-115509.3	1087	-513	-866.2
	ClsMax 37	-115509.3	1087	-513	-59.1
	ClsMed 37	-115509.3	1087	-513	-50.1

Combinazioni Frequenti

243	Ft. 42	-104549.4	-1047	531	-567.6
	Fc. 40	-107448.9	-1046	543	-812.5
	ClsMax 40	-107448.9	-1046	543	-55.5
	ClsMed 40	-107448.9	-1046	543	-46.6
343	Ft. 42	-102699.4	1086	-467	-556.5
	Fc. 40	-105598.9	1086	-479	-799.5
	ClsMax 40	-105598.9	1086	-479	-54.6
	ClsMed 40	-105598.9	1086	-479	-45.8

Combinazioni Quasi Permanenti

243	Ft. 43	-104549.3	-1047	531	-567.6
	Fc. 43	-104549.3	-1047	531	-792.9
	ClsMax 43	-104549.3	-1047	531	-54.2
	ClsMed 43	-104549.3	-1047	531	-45.4
343	Ft. 43	-102699.3	1086	-467	-556.5
	Fc. 43	-102699.3	1086	-467	-779.9
	ClsMax 43	-102699.3	1086	-467	-53.3
	ClsMed 43	-102699.3	1086	-467	-44.5

Pilastro: 343/443 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
343	17	-64742.6	-1091	10568	0.50
443	17	-63262.6	1013	-11739	0.55

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	780.3	25102.5	6025.5	25102.5	ø 8/10.0'
0.77	2.93	780.3	12551.2	6025.5	12551.2	ø 8/20.0'
2.93	3.47	780.3	25102.5	6025.5	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
343	Ft. 39	-67434.0	-858	357	-420.8
	Fc. 37	-71799.5	-857	384	-677.8
	ClSMax 37	-71799.5	-857	384	-46.6
	ClSMed 37	-71799.5	-857	384	-37.7
443	Ft. 39	-65954.0	817	-391	-409.7
	Fc. 37	-70319.5	818	-419	-665.7
	ClSMax 37	-70319.5	818	-419	-45.8
	ClSMed 37	-70319.5	818	-419	-36.9

Combinazioni Frequenti					
343	Ft. 42	-64769.6	-856	345	-401.1
	Fc. 40	-66224.7	-855	354	-631.0
	ClSMax 40	-66224.7	-855	354	-43.5
	ClSMed 40	-66224.7	-855	354	-34.8
443	Ft. 42	-63289.6	813	-378	-390.3
	Fc. 40	-64744.7	813	-388	-618.6
	ClSMax 40	-64744.7	813	-388	-42.6
	ClSMed 40	-64744.7	813	-388	-34.0

Combinazioni Quasi Permanenti					
343	Ft. 43	-64769.5	-855	345	-401.1
	Fc. 43	-64769.5	-855	345	-618.7
	ClSMax 43	-64769.5	-855	345	-42.6
	ClSMed 43	-64769.5	-855	345	-34.0
443	Ft. 43	-63289.5	813	-378	-390.3
	Fc. 43	-63289.5	813	-378	-606.2
	ClSMax 43	-63289.5	813	-378	-41.8
	ClSMed 43	-63289.5	813	-378	-33.2

Pilastro: 443/543 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
443	17	-25388.4	-1443	8496	0.45
543	17	-23908.4	2024	-9399	0.53

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	1254.4	25102.5	4835.9	25102.5	ø 8/10.0'
0.77	2.93	1254.4	12551.2	4835.9	12551.2	ø 8/20.0'
2.93	3.48	1254.4	25102.5	4835.9	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
443	Ft. 37	-26536.4	-1202	378	-65.7
	Fc. 38	-27473.5	-1208	332	-355.9
	ClMax 38	-27473.5	-1208	332	-25.5
	ClMed 38	-27473.5	-1208	332	-14.4
543	Ft. 37	-25056.4	1643	-443	-7.6
	Fc. 38	-25993.5	1656	-392	-390.3
	ClMax 38	-25993.5	1656	-392	-28.4
	ClMed 38	-25993.5	1656	-392	-13.7

Combinazioni Frequenti					
443	Ft. 40	-25305.0	-1196	347	-59.3
	Fc. 41	-25778.0	-1199	331	-341.6
	ClMax 41	-25778.0	-1199	331	-24.5
	ClMed 41	-25778.0	-1199	331	-13.5
543	Ft. 40	-23825.0	1638	-407	-1.3
	Fc. 41	-24298.0	1643	-389	-375.8
	ClMax 41	-24298.0	1643	-389	-27.4
	ClMed 41	-24298.0	1643	-389	-12.9

Combinazioni Quasi Permanenti					
443	Ft. 43	-25296.1	-1196	335	-60.4
	Fc. 43	-25296.1	-1196	335	-337.9
	ClMax 43	-25296.1	-1196	335	-24.3
	ClMed 43	-25296.1	-1196	335	-13.3
543	Ft. 43	-23816.1	1639	-392	-2.5
	Fc. 43	-23816.1	1639	-392	-372.2
	ClMax 43	-23816.1	1639	-392	-27.2
	ClMed 43	-23816.1	1639	-392	-12.7

Pilastro: 44/144 / L 4.75[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 79.2+ø 8/20.0' x 316.7+ø 8/10.0' x 79.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
44	17	-191599.7	-651	19336	0.79	
144	36	-298523.7	40	-2152	0.79	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	295.0	25102.5	6932.2	31868.7	ø 8/10.0'
0.79	3.96	295.0	12551.2	6932.2	15934.3	ø 8/20.0'
3.96	4.75	295.0	25102.5	6932.2	31868.7	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
44	Ft. 39	-193669.3	-20	825	-1207.2	
	Fc. 37	-210579.4	-17	810	-1421.8	
	ClsMax 37	-210579.4	-17	810	-95.3	
	ClsMed 37	-210579.4	-17	810	-91.3	
144	Ft. 39	-191169.3	37	-1610	-1140.8	
	Fc. 37	-208079.4	31	-1581	-1454.6	
	ClsMax 37	-208079.4	31	-1581	-98.0	
	ClsMed 37	-208079.4	31	-1581	-90.3	
Combinazioni Frequenti						
44	Ft. 42	-186874.7	-22	831	-1162.5	
	Fc. 40	-192511.2	-20	826	-1305.6	
	ClsMax 40	-192511.2	-20	826	-87.6	
	ClsMed 40	-192511.2	-20	826	-83.5	
144	Ft. 42	-184374.7	40	-1622	-1095.7	
	Fc. 40	-190011.2	38	-1612	-1339.5	
	ClsMax 40	-190011.2	38	-1612	-90.3	
	ClsMed 40	-190011.2	38	-1612	-82.4	
Combinazioni Quasi Permanenti						
44	Ft. 43	-186874.5	-22	831	-1162.5	
	Fc. 43	-186874.5	-22	831	-1269.3	
	ClsMax 43	-186874.5	-22	831	-85.1	
	ClsMed 43	-186874.5	-22	831	-81.1	
144	Ft. 43	-184374.5	40	-1622	-1095.7	
	Fc. 43	-184374.5	40	-1622	-1303.6	
	ClsMax 43	-184374.5	40	-1622	-87.9	
	ClsMed 43	-184374.5	40	-1622	-80.0	

Pilastro: 144/244 / L 4.02[m] / Sezione I B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 67.1+ø 8/20.0' x 268.3+ø 8/10.0' x 67.1

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
144	17	-140723.3	-462	27065	0.86	
244	17	-138473.3	55	-24636	0.79	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	0.92	362.9	25102.5	11487.1	31868.7	ø 8/10.0'
0.92	3.60	362.9	12551.2	11487.1	15934.3	ø 8/20.0'
3.60	4.27	362.9	25102.5	11487.1	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
144	Ft. 39	-140740.4	-2	1588	-816.7	
	Fc. 37	-153360.2	13	1554	-1095.6	
	ClSMax 37	-153360.2	13	1554	-74.0	
	ClSMed 37	-153360.2	13	1554	-66.5	
244	Ft. 39	-138490.4	-75	-275	-878.3	
	Fc. 37	-151110.2	-95	-231	-1004.8	
	ClSMax 37	-151110.2	-95	-231	-67.2	
	ClSMed 37	-151110.2	-95	-231	-65.5	

Combinazioni Frequenti						
144	Ft. 42	-135372.0	-8	1605	-780.4	
	Fc. 40	-139578.4	-3	1593	-1007.5	
	ClSMax 40	-139578.4	-3	1593	-68.1	
	ClSMed 40	-139578.4	-3	1593	-60.5	
244	Ft. 42	-133122.0	-67	-296	-842.7	
	Fc. 40	-137328.4	-74	-281	-916.6	
	ClSMax 40	-137328.4	-74	-281	-61.4	
	ClSMed 40	-137328.4	-74	-281	-59.6	

Combinazioni Quasi Permanenti						
144	Ft. 43	-135371.8	-8	1605	-780.4	
	Fc. 43	-135371.8	-8	1605	-981.3	
	ClSMax 43	-135371.8	-8	1605	-66.4	
	ClSMed 43	-135371.8	-8	1605	-58.7	
244	Ft. 43	-133121.8	-67	-296	-842.7	
	Fc. 43	-133121.8	-67	-296	-889.7	
	ClSMax 43	-133121.8	-67	-296	-59.6	
	ClSMed 43	-133121.8	-67	-296	-57.7	

Pilastro: 244/344 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
244	8	-92160.2	550	-20959	0.67	
344	8	-90310.2	-425	23136	0.75	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	619.4	25102.5	11909.7	31868.7	ø 8/10.0'
0.77	2.93	619.4	12551.2	11909.7	15934.3	ø 8/20.0'
2.93	3.47	619.4	25102.5	11909.7	31868.7	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
244	Ft. 39	-100902.3	162	-940	-585.7	
	Fc. 37	-109226.3	190	-992	-786.9	
	ClsMax 37	-109226.3	190	-992	-53.2	
	ClsMed 37	-109226.3	190	-992	-47.4	
344	Ft. 39	-99052.3	-182	1024	-566.9	
	Fc. 37	-107376.3	-212	1107	-783.7	
	ClsMax 37	-107376.3	-212	1107	-53.1	
	ClsMed 37	-107376.3	-212	1107	-46.6	
Combinazioni Frequenti						
244	Ft. 42	-96957.3	150	-912	-562.7	
	Fc. 40	-99731.9	160	-929	-718.9	
	ClsMax 40	-99731.9	160	-929	-48.6	
	ClsMed 40	-99731.9	160	-929	-43.3	
344	Ft. 42	-95107.3	-170	984	-544.7	
	Fc. 40	-97881.9	-180	1011	-713.5	
	ClsMax 40	-97881.9	-180	1011	-48.4	
	ClsMed 40	-97881.9	-180	1011	-42.5	
Combinazioni Quasi Permanenti						
244	Ft. 43	-96957.2	150	-911	-562.7	
	Fc. 43	-96957.2	150	-911	-699.0	
	ClsMax 43	-96957.2	150	-911	-47.3	
	ClsMed 43	-96957.2	150	-911	-42.1	
344	Ft. 43	-95107.2	-170	983	-544.7	
	Fc. 43	-95107.2	-170	983	-692.9	
	ClsMax 43	-95107.2	-170	983	-47.0	
	ClsMed 43	-95107.2	-170	983	-41.3	

Pilastro: 344/444 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
344	8	-56249.3	370	-11712	0.54
444	8	-54769.3	-302	13127	0.62

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	399.6	25102.5	6710.3	25102.5	ø 8/10.0'
0.77	2.93	399.6	12551.2	6710.3	12551.2	ø 8/20.0'
2.93	3.47	399.6	25102.5	6710.3	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

344	Ft. 39	-62082.3	138	-597	-422.2
	Fc. 37	-66179.8	158	-653	-594.6
	ClsMax 37	-66179.8	158	-653	-40.6
	ClsMed 37	-66179.8	158	-653	-34.7
444	Ft. 39	-60602.3	-136	731	-398.5
	Fc. 37	-64699.8	-153	796	-595.4
	ClsMax 37	-64699.8	-153	796	-40.8
	ClsMed 37	-64699.8	-153	796	-34.0

Combinazioni Frequenti

344	Ft. 42	-59535.2	129	-571	-405.2
	Fc. 40	-60901.0	136	-589	-545.2
	ClsMax 40	-60901.0	136	-589	-37.2
	ClsMed 40	-60901.0	136	-589	-32.0
444	Ft. 42	-58055.2	-129	701	-381.8
	Fc. 40	-59421.0	-135	722	-545.5
	ClsMax 40	-59421.0	-135	722	-37.4
	ClsMed 40	-59421.0	-135	722	-31.2

Combinazioni Quasi Permanenti

344	Ft. 43	-59535.1	129	-570	-405.2
	Fc. 43	-59535.1	129	-570	-532.1
	ClsMax 43	-59535.1	129	-570	-36.3
	ClsMed 43	-59535.1	129	-570	-31.2
444	Ft. 43	-58055.1	-129	701	-381.8
	Fc. 43	-58055.1	-129	701	-532.3
	ClsMax 43	-58055.1	-129	701	-36.4
	ClsMed 43	-58055.1	-129	701	-30.5

Pilastro: 444/544 / L 3.25[m] / Sezione 6 B 40 [cm]H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
444	8	-21474.5	453	-10497	0.58	
544	8	-19994.5	-761	11558	0.67	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	740.0	25102.5	5960.4	25102.5	ø 8/10.0'
0.77	2.93	740.0	12551.2	5960.4	12551.2	ø 8/20.0'
2.93	3.48	740.0	25102.5	5960.4	25102.5	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
444	Ft. 37	-23786.2	245	-1202	-56.1	
	Fc. 37	-23786.2	245	-1202	-318.4	
	ClsMax 37	-23786.2	245	-1202	-22.9	
	ClsMed 38	-24858.4	215	-1137	-13.0	
544	Ft. 37	-22306.2	-362	1342	-21.1	
	Fc. 37	-22306.2	-362	1342	-330.1	
	ClsMax 37	-22306.2	-362	1342	-24.0	
	ClsMed 38	-23378.4	-314	1261	-12.3	
Combinazioni Frequenti						
444	Ft. 40	-22702.9	209	-1098	-60.3	
	Fc. 41	-23220.0	199	-1079	-298.7	
	ClsMax 41	-23220.0	199	-1079	-21.4	
	ClsMed 41	-23220.0	199	-1079	-12.2	
544	Ft. 40	-21222.9	-302	1224	-28.7	
	Fc. 41	-21740.0	-287	1199	-305.9	
	ClsMax 40	-21222.9	-302	1224	-22.1	
	ClsMed 41	-21740.0	-287	1199	-11.4	
Combinazioni Quasi Permanenti						
444	Ft. 43	-22741.0	198	-1070	-64.1	
	Fc. 43	-22741.0	198	-1070	-294.0	
	ClsMax 43	-22741.0	198	-1070	-21.1	
	ClsMed 43	-22741.0	198	-1070	-11.9	
544	Ft. 43	-21261.0	-285	1191	-33.6	
	Fc. 43	-21261.0	-285	1191	-301.1	
	ClsMax 43	-21261.0	-285	1191	-21.8	
	ClsMed 43	-21261.0	-285	1191	-11.2	

Pilastro: 45/145 / L 4.75[m] / Sezione 1 B 50 [cm] H 40 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 79.2+ø 8/20.0' x 316.7+ø 8/10.0' x 79.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
45	11	-228367.0	-3298	5893	0.68
145	9	-220275.9	2281	3755	0.62

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.79	1723.9	25102.5	5814.3	31868.7	ø 8/10.0'
0.79	3.96	1723.9	12551.2	5814.3	15934.3	ø 8/20.0'
3.96	4.75	1723.9	25102.5	5814.3	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

45	Ft. 39	-125252.9	518	-1005	-713.1
	Fc. 37	-135266.2	577	-1070	-990.6
	ClsMax 37	-135266.2	577	-1070	-67.2
	ClsMed 37	-135266.2	577	-1070	-58.7
145	Ft. 39	-122752.9	-1063	2127	-585.5
	Fc. 37	-132766.2	-1183	2257	-1094.3
	ClsMax 37	-132766.2	-1183	2257	-75.5
	ClsMed 37	-132766.2	-1183	2257	-57.6

Combinazioni Frequenti

45	Ft. 42	-121317.0	495	-981	-690.7
	Fc. 40	-124653.0	515	-1002	-912.6
	ClsMax 40	-124653.0	515	-1002	-61.9
	ClsMed 40	-124653.0	515	-1002	-54.1
145	Ft. 42	-118817.0	-1016	2078	-566.5
	Fc. 40	-122153.0	-1056	2121	-1007.1
	ClsMax 40	-122153.0	-1056	2121	-69.5
	ClsMed 40	-122153.0	-1056	2121	-53.0

Combinazioni Quasi Permanenti

45	Ft. 43	-121315.3	495	-980	-690.7
	Fc. 43	-121315.3	495	-980	-888.0
	ClsMax 43	-121315.3	495	-980	-60.3
	ClsMed 43	-121315.3	495	-980	-52.6
145	Ft. 43	-118815.3	-1016	2078	-566.5
	Fc. 43	-118815.3	-1016	2078	-979.6
	ClsMax 43	-118815.3	-1016	2078	-67.6
	ClsMed 43	-118815.3	-1016	2078	-51.5

Pilastro: 145/245 / L 4.02[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 22 Af=30.41 [cm²] < 1φ22 x 4 V + 1φ22 x 2 B + 1φ22 x 2 H >

Staffe: ø 8/10.0' x 67.1+ø 8/25.0' x 268.3+ø 8/10.0' x 67.1

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
145	8	-32719.3	4213	-25341	0.86	
245	8	-30469.3	-3717	27903	0.96	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.25	0.92	3692.7	25102.5	11829.4	31868.7	ø 8/10.0'
0.92	3.60	3692.7	10041.0	11829.4	12747.5	ø 8/25.0'
3.60	4.27	3692.7	25102.5	11829.4	31868.7	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
145	Ft. 39	-78055.3	1804	-3524	-154.1	
	Fc. 37	-84540.8	2008	-3830	-870.2	
	ClMax 37	-84540.8	2008	-3830	-62.2	
	ClMed 37	-84540.8	2008	-3830	-34.4	
245	Ft. 39	-75805.3	-1880	3751	-122.4	
	Fc. 37	-82290.8	-2092	4176	-881.7	
	ClMax 37	-82290.8	-2092	4176	-63.2	
	ClMed 37	-82290.8	-2092	4176	-33.5	

Combinazioni Frequenti						
145	Ft. 42	-75261.8	1723	-3412	-148.9	
	Fc. 40	-77422.3	1792	-3514	-794.0	
	ClMax 40	-77422.3	1792	-3514	-56.7	
	ClMed 40	-77422.3	1792	-3514	-31.5	
245	Ft. 42	-73011.8	-1796	3596	-119.8	
	Fc. 40	-75172.3	-1867	3738	-798.0	
	ClMax 40	-75172.3	-1867	3738	-57.2	
	ClMed 40	-75172.3	-1867	3738	-30.6	

Combinazioni Quasi Permanenti						
145	Ft. 43	-75260.4	1723	-3412	-148.9	
	Fc. 43	-75260.4	1723	-3412	-770.3	
	ClMax 43	-75260.4	1723	-3412	-55.0	
	ClMed 43	-75260.4	1723	-3412	-30.6	
245	Ft. 43	-73010.4	-1796	3596	-119.8	
	Fc. 43	-73010.4	-1796	3596	-772.0	
	ClMax 43	-73010.4	-1796	3596	-55.3	
	ClMed 43	-73010.4	-1796	3596	-29.7	

Pilastro: 245/345 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 8 ϕ 22 Af=30.41 [cm²] < 1 ϕ 22 x 4 V + 1 ϕ 22 x 2 B + 1 ϕ 22 x 2 H >

Staffe: ϕ 8/10.0' x 54.2+ ϕ 8/20.0' x 216.7+ ϕ 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
245	8	-27025.3	5017	-25048	0.90	
345	8	-25175.3	-5219	24026	0.87	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	5654.9	25102.5	13257.8	31868.7	ϕ 8/10.0'
0.77	2.93	5654.9	12551.2	13257.8	15934.3	ϕ 8/20.0'
2.93	3.47	5654.9	25102.5	13257.8	31868.7	ϕ 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm ²]	

Combinazioni Rare						
245	Ft. 37	-60351.8	2841	-4743	109.3	
	Fc. 37	-60351.8	2841	-4743	-840.0	
	ClsMax 37	-60351.8	2841	-4743	-61.6	
	ClsMed 37	-60351.8	2841	-4743	-26.2	
345	Ft. 37	-58501.8	-3131	4410	125.7	
	Fc. 37	-58501.8	-3131	4410	-832.2	
	ClsMax 37	-58501.8	-3131	4410	-61.2	
	ClsMed 37	-58501.8	-3131	4410	-25.7	

Combinazioni Frequenti						
245	Ft. 40	-55326.3	2544	-4185	83.7	
	Fc. 40	-55326.3	2544	-4185	-755.0	
	ClsMax 40	-55326.3	2544	-4185	-55.3	
	ClsMed 40	-55326.3	2544	-4185	-23.8	
345	Ft. 40	-53476.3	-2813	3926	103.0	
	Fc. 40	-53476.3	-2813	3926	-749.9	
	ClsMax 40	-53476.3	-2813	3926	-55.1	
	ClsMed 40	-53476.3	-2813	3926	-23.3	

Combinazioni Quasi Permanenti						
245	Ft. 43	-53886.1	2452	-4006	74.6	
	Fc. 43	-53886.1	2452	-4006	-728.9	
	ClsMax 43	-53886.1	2452	-4006	-53.4	
	ClsMed 43	-53886.1	2452	-4006	-23.1	
345	Ft. 43	-52036.1	-2715	3772	94.8	
	Fc. 43	-52036.1	-2715	3772	-724.8	
	ClsMax 43	-52036.1	-2715	3772	-53.2	
	ClsMed 43	-52036.1	-2715	3772	-22.6	

Pilastro: 345/445 / L 3.25[m] / Sczione 1 B 50 [cm]H 40 [cm]

Af: 8 ø 20 Af=25.13 [cm²] < 1ø20 x 4 V + 1ø20 x 2 B + 1ø20 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
345	30	10225.8	10597	-12325	0.95	
445	30	12075.8	-9978	12655	0.94	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	5652.0	25102.5	10648.7	31868.7	ø 8/10.0'
0.77	2.93	5652.0	12551.2	10648.7	15934.3	ø 8/20.0'
2.93	3.47	5652.0	25102.5	10648.7	31868.7	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
345	Ft. 37	-34510.9	3328	-3970	418.8	
	Fc. 37	-34510.9	3328	-3970	-772.3	
	ClsMax 37	-34510.9	3328	-3970	-58.4	
	ClsMed 37	-34510.9	3328	-3970	-20.9	
445	Ft. 37	-32660.9	-3312	4068	463.9	
	Fc. 37	-32660.9	-3312	4068	-777.1	
	ClsMax 37	-32660.9	-3312	4068	-59.0	
	ClsMed 37	-32660.9	-3312	4068	-20.8	
Combinazioni Frequenti						
345	Ft. 40	-32098.2	3003	-3553	357.2	
	Fc. 40	-32098.2	3003	-3553	-695.7	
	ClsMax 40	-32098.2	3003	-3553	-52.5	
	ClsMed 40	-32098.2	3003	-3553	-18.9	
445	Ft. 40	-30248.2	-2994	3626	398.5	
	Fc. 40	-30248.2	-2994	3626	-698.6	
	ClsMax 40	-30248.2	-2994	3626	-53.0	
	ClsMed 40	-30248.2	-2994	3626	-18.8	
Combinazioni Quasi Permanenti						
345	Ft. 43	-31562.5	2904	-3420	334.5	
	Fc. 43	-31562.5	2904	-3420	-672.2	
	ClsMax 43	-31562.5	2904	-3420	-50.7	
	ClsMed 43	-31562.5	2904	-3420	-18.3	
445	Ft. 43	-29712.5	-2897	3484	374.1	
	Fc. 43	-29712.5	-2897	3484	-674.3	
	ClsMax 43	-29712.5	-2897	3484	-51.1	
	ClsMed 43	-29712.5	-2897	3484	-18.2	

Pilastro: 445/545 / L 3.25[m] / Sezione 1 B 50 [cm]H 40 [cm]

Af: 10 o 22 Af=38.01 [cm²] < 1φ22 x 4 V + 2φ22 x 2 B + 1φ22 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/25.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
445	30	8281.8	12120	-11357	0.69	
545	30	10131.8	-15355	12524	0.84	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	7551.3	25102.5	8359.3	31868.7	ø 8/10.0'
0.77	2.93	7551.3	10041.0	8359.3	12747.5	ø 8/25.0'
2.93	3.48	7551.3	25102.5	8359.3	31868.7	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
445	Ft. 37	-9690.0	4222	-4517	1078.9	
	Fc. 37	-9690.0	4222	-4517	-772.9	
	ClsMax 37	-9690.0	4222	-4517	-62.7	
	ClsMed 37	-9690.0	4222	-4517	-20.9	
545	Ft. 37	-7840.0	-5233	4622	1318.1	
	Fc. 37	-7840.0	-5233	4622	-864.2	
	ClsMax 37	-7840.0	-5233	4622	-71.0	
	ClsMed 37	-7840.0	-5233	4622	-23.7	
Combinazioni Frequenti						
445	Ft. 40	-9792.4	3813	-4053	941.7	
	Fc. 40	-9792.4	3813	-4053	-698.0	
	ClsMax 40	-9792.4	3813	-4053	-56.5	
	ClsMed 40	-9792.4	3813	-4053	-18.8	
545	Ft. 40	-7942.4	-4718	4174	1164.7	
	Fc. 40	-7942.4	-4718	4174	-782.2	
	ClsMax 40	-7942.4	-4718	4174	-64.1	
	ClsMed 40	-7942.4	-4718	4174	-21.4	
Combinazioni Quasi Permanenti						
445	Ft. 43	-10147.3	3693	-3922	893.2	
	Fc. 43	-10147.3	3693	-3922	-677.0	
	ClsMax 43	-10147.3	3693	-3922	-54.7	
	ClsMed 43	-10147.3	3693	-3922	-18.2	
545	Ft. 43	-8297.3	-4569	4059	1113.2	
	Fc. 43	-8297.3	-4569	4059	-760.6	
	ClsMax 43	-8297.3	-4569	4059	-62.2	
	ClsMed 43	-8297.3	-4569	4059	-20.7	

Pilastro: 111/211 / L 4.27[m] / Sezione 9 B 40 [cm]H 50 [cm]

Af: 12 ø 26 Af=63.71 [cm²] < 2ø26 x 4 V + 1ø26 x 2 B + 1ø26 x 2 H >

Staffe: ø 8/10.0' x 71.3+ø 8/15.0' x 285.0+ø 8/10.0' x 71.3

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
111	24	-57867.6	9370	37488	0.88
211	8	-125797.8	-9024	30980	0.73

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.71	8935.5	31868.7	16411.3	25102.5	ø 8/10.0'
0.71	3.56	8935.5	21245.8	16411.3	16735.0	ø 8/15.0'
3.56	4.27	8935.5	31868.7	16411.3	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare					
111	Ft. 39	-91237.0	1785	-1213	-324.4
	Fc. 37	-95648.1	1773	-1331	-629.6
	ClMax 37	-95648.1	1773	-1331	-43.8
	ClMed 37	-95648.1	1773	-1331	-32.4
211	Ft. 39	-88987.0	-3813	2491	-160.6
	Fc. 37	-93398.1	-3800	2715	-775.9
	ClMax 37	-93398.1	-3800	2715	-55.6
	ClMed 37	-93398.1	-3800	2715	-31.6

Combinazioni Frequenti					
111	Ft. 42	-89298.9	1789	-1169	-316.6
	Fc. 40	-90772.9	1785	-1209	-599.2
	ClMax 40	-90772.9	1785	-1209	-41.7
	ClMed 40	-90772.9	1785	-1209	-30.7
211	Ft. 42	-87048.9	-3819	2407	-154.8
	Fc. 40	-88522.9	-3814	2482	-739.9
	ClMax 40	-88522.9	-3814	2482	-53.0
	ClMed 40	-88522.9	-3814	2482	-30.0

Combinazioni Quasi Permanenti					
111	Ft. 43	-89302.6	1789	-1170	-316.6
	Fc. 43	-89302.6	1789	-1170	-589.8
	ClMax 43	-89302.6	1789	-1170	-41.1
	ClMed 43	-89302.6	1789	-1170	-30.2
211	Ft. 43	-87052.6	-3819	2407	-154.8
	Fc. 43	-87052.6	-3819	2407	-728.8
	ClMax 43	-87052.6	-3819	2407	-52.2
	ClMed 43	-87052.6	-3819	2407	-29.5

Pilastro: 211/311 / L 3.25[m] / Sezione 9 B 40 [cm]H 50 [cm]

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

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
211	4	-89509.5	8122	-10175	0.48
311	8	-88257.6	-8367	13222	0.57

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	6323.1	31868.7	6353.6	25102.5	ø 8/10.0'
0.77	2.93	6323.1	15934.3	6353.6	12551.2	ø 8/20.0'
2.93	3.47	6323.1	31868.7	6353.6	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
211	Ft. 37	-72624.5	6432	-4758	317.3
	Fc. 37	-72624.5	6432	-4758	-1172.0
	ClsMax 37	-72624.5	6432	-4758	-87.1
	ClsMed 37	-72624.5	6432	-4758	-34.3
311	Ft. 37	-70774.5	-6024	4813	307.1
	Fc. 37	-70774.5	-6024	4813	-1140.3
	ClsMax 37	-70774.5	-6024	4813	-84.7
	ClsMed 37	-70774.5	-6024	4813	-33.4

Combinazioni Frequenti					
211	Ft. 40	-68717.0	6451	-4322	312.8
	Fc. 40	-68717.0	6451	-4322	-1119.3
	ClsMax 40	-68717.0	6451	-4322	-83.2
	ClsMed 40	-68717.0	6451	-4322	-32.7
311	Ft. 40	-66867.0	-6038	4319	295.6
	Fc. 40	-66867.0	-6038	4319	-1081.9
	ClsMax 40	-66867.0	-6038	4319	-80.4
	ClsMed 40	-66867.0	-6038	4319	-31.7

Combinazioni Quasi Permanenti					
211	Ft. 43	-67564.9	6457	-4182	310.4
	Fc. 43	-67564.9	6457	-4182	-1102.8
	ClsMax 43	-67564.9	6457	-4182	-81.9
	ClsMed 43	-67564.9	6457	-4182	-32.2
311	Ft. 43	-65714.9	-6042	4160	290.9
	Fc. 43	-65714.9	-6042	4160	-1063.6
	ClsMax 43	-65714.9	-6042	4160	-79.0
	ClsMed 43	-65714.9	-6042	4160	-31.1

Pilastro: 311/411 / L 3.25[m] / Sezione 9 B 40 [cm]H 50 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
311	8	-55468.9	8469	-13589	0.72
411	8	-53618.9	-7988	13885	0.73

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	7121.2	31868.7	7619.7	25102.5	ø 8/10.0'
0.77	2.93	7121.2	15934.3	7619.7	12551.2	ø 8/20.0'
2.93	3.47	7121.2	31868.7	7619.7	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
311	Ft. 37	-45869.8	5355	-4848	713.9	
	Fc. 37	-45869.8	5355	-4848	-1148.6	
	ClMax 37	-45869.8	5355	-4848	-87.1	
	ClMed 37	-45869.8	5355	-4848	-30.6	
411	Ft. 37	-44019.8	-5192	4757	714.1	
	Fc. 37	-44019.8	-5192	4757	-1120.9	
	ClMax 37	-44019.8	-5192	4757	-85.1	
	ClMed 37	-44019.8	-5192	4757	-29.8	

Combinazioni Frequenti						
311	Ft. 40	-43634.3	5369	-4291	658.1	
	Fc. 40	-43634.3	5369	-4291	-1079.9	
	ClMax 40	-43634.3	5369	-4291	-81.7	
	ClMed 40	-43634.3	5369	-4291	-28.7	
411	Ft. 40	-41784.3	-5196	4205	657.0	
	Fc. 40	-41784.3	-5196	4205	-1051.6	
	ClMax 40	-41784.3	-5196	4205	-79.7	
	ClMed 40	-41784.3	-5196	4205	-27.9	

Combinazioni Quasi Permanenti						
311	Ft. 43	-43033.7	5373	-4110	637.7	
	Fc. 43	-43033.7	5373	-4110	-1057.7	
	ClMax 43	-43033.7	5373	-4110	-80.0	
	ClMed 43	-43033.7	5373	-4110	-28.1	
411	Ft. 43	-41183.7	-5197	4023	635.7	
	Fc. 43	-41183.7	-5197	4023	-1028.9	
	ClMax 43	-41183.7	-5197	4023	-77.9	
	ClMed 43	-41183.7	-5197	4023	-27.3	

Pilastro: 411/511 / L 3.25[m] / Sezione 9 B 40 [cm] H 50 [cm]

Af: 8 ø 20 Af=25.13 [cm²] < 1φ20 x 4 V + 1φ20 x 2 B + 1φ20 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
411	30	-21978.0	15081	-7720	0.73	
511	30	-20128.0	-19334	8413	0.94	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	9301.3	31868.7	5758.8	25102.5	ø 8/10.0'
0.77	2.93	9301.3	15934.3	5758.8	12551.2	ø 8/20.0'
2.93	3.48	9301.3	31868.7	5758.8	25102.5	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
411	Ft. 37	-19078.3	6714	-4995	1700.8	
	Fc. 37	-19078.3	6714	-4995	-1238.0	
	ClsMax 37	-19078.3	6714	-4995	-99.6	
	ClsMed 37	-19078.3	6714	-4995	-33.2	
511	Ft. 37	-17228.3	-8602	5043	2164.7	
	Fc. 37	-17228.3	-8602	5043	-1419.3	
	ClsMax 37	-17228.3	-8602	5043	-115.0	
	ClsMed 37	-17228.3	-8602	5043	-38.3	
Combinazioni Frequenti						
411	Ft. 40	-18521.9	6738	-4471	1607.0	
	Fc. 40	-18521.9	6738	-4471	-1177.1	
	ClsMax 40	-18521.9	6738	-4471	-94.5	
	ClsMed 40	-18521.9	6738	-4471	-31.5	
511	Ft. 40	-16671.9	-8648	4568	2096.0	
	Fc. 40	-16671.9	-8648	4568	-1363.4	
	ClsMax 40	-16671.9	-8648	4568	-110.4	
	ClsMed 40	-16671.9	-8648	4568	-36.9	
Combinazioni Quasi Permanenti						
411	Ft. 43	-18466.5	6744	-4324	1577.7	
	Fc. 43	-18466.5	6744	-4324	-1159.8	
	ClsMax 43	-18466.5	6744	-4324	-93.0	
	ClsMed 43	-18466.5	6744	-4324	-31.0	
511	Ft. 43	-16616.5	-8661	4461	2078.7	
	Fc. 43	-16616.5	-8661	4461	-1350.9	
	ClsMax 43	-16616.5	-8661	4461	-109.4	
	ClsMed 43	-16616.5	-8661	4461	-36.6	

Pilastro: 123/223 / L 4.27[m] / Sezione 9 B 40 [cm]H 50 [cm]

Af: 12 ø 26 Af=63.71 [cm²] < 2ø26 x 4 V + 1ø26 x 2 B + 1ø26 x 2 H >

Staffe: ø 8/10.0' x 71.3+ø 10/15.0' x 285.0+ø 8/10.0' x 71.3

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
123	1	-197164.2	-8855	-40033	0.95	
223	1	-194914.2	7598	36518	0.89	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.71	9333.6	31868.7	17010.9	25102.5	ø 8/10.0'
0.71	3.56	9333.6	33196.5	17010.9	26148.4	ø 10/15.0'
3.56	4.27	9333.6	31868.7	17010.9	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
123	Ft. 39	-152666.2	-554	-1577	-670.3	
	Fc. 37	-160602.9	-554	-1737	-927.7	
	ClsMax 37	-160602.9	-554	-1737	-63.4	
	ClsMed 37	-160602.9	-554	-1737	-54.3	
223	Ft. 39	-150416.2	986	3315	-551.5	
	Fc. 37	-158352.9	976	3633	-1031.3	
	ClsMax 37	-158352.9	976	3633	-71.9	
	ClsMed 37	-158352.9	976	3633	-53.6	

Combinazioni Frequenti						
123	Ft. 42	-149226.1	-554	-1517	-655.9	
	Fc. 40	-151873.8	-554	-1571	-874.9	
	ClsMax 40	-151873.8	-554	-1571	-59.8	
	ClsMed 40	-151873.8	-554	-1571	-51.4	
223	Ft. 42	-146976.1	990	3194	-540.0	
	Fc. 40	-149623.8	987	3301	-970.5	
	ClsMax 40	-149623.8	987	3301	-67.6	
	ClsMed 40	-149623.8	987	3301	-50.6	

Combinazioni Quasi Permanenti						
123	Ft. 43	-149228.3	-554	-1518	-655.9	
	Fc. 43	-149228.3	-554	-1518	-858.7	
	ClsMax 43	-149228.3	-554	-1518	-58.7	
	ClsMed 43	-149228.3	-554	-1518	-50.5	
223	Ft. 43	-146978.3	990	3195	-540.0	
	Fc. 43	-146978.3	990	3195	-951.8	
	ClsMax 43	-146978.3	990	3195	-66.3	
	ClsMed 43	-146978.3	990	3195	-49.7	

Pilastro: 223/323 / L 3.25[m] / Sezione 9 B 40 [cm]H 50 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
223	1	-135412.9	-5449	-14624	0.70
323	1	-133562.9	5420	16958	0.76

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	6757.0	31868.7	8511.0	25102.5	ø 8/10.0'
0.77	2.93	6757.0	15934.3	8511.0	12551.2	ø 8/20.0'
2.93	3.47	6757.0	31868.7	8511.0	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
223	Ft. 37	-119044.5	-1443	-6209	-212.5
	Fc. 37	-119044.5	-1443	-6209	-1336.6
	ClsMax 37	-119044.5	-1443	-6209	-96.0
	ClsMed 37	-119044.5	-1443	-6209	-51.6
323	Ft. 37	-117194.5	1174	5995	-233.5
	Fc. 37	-117194.5	1174	5995	-1291.6
	ClsMax 37	-117194.5	1174	5995	-92.6
	ClsMed 37	-117194.5	1174	5995	-50.8

Combinazioni Frequenti					
223	Ft. 40	-112116.2	-1474	-5561	-214.8
	Fc. 40	-112116.2	-1474	-5561	-1244.2
	ClsMax 40	-112116.2	-1474	-5561	-89.2
	ClsMed 40	-112116.2	-1474	-5561	-48.6
323	Ft. 40	-110266.2	1215	5259	-241.9
	Fc. 40	-110266.2	1215	5259	-1193.0
	ClsMax 40	-110266.2	1215	5259	-85.4
	ClsMed 40	-110266.2	1215	5259	-47.8

Combinazioni Quasi Permanenti					
223	Ft. 43	-110062.8	-1483	-5354	-216.6
	Fc. 43	-110062.8	-1483	-5354	-1215.7
	ClsMax 43	-110062.8	-1483	-5354	-87.1
	ClsMed 43	-110062.8	-1483	-5354	-47.7
323	Ft. 43	-108212.8	1227	5023	-245.7
	Fc. 43	-108212.8	1227	5023	-1162.5
	ClsMax 43	-108212.8	1227	5023	-83.1
	ClsMed 43	-108212.8	1227	5023	-46.9

Pilastro: 323/423 / L 3.25[m] / Sezione 9 B 40 [cm]H 50 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
323	1	-82837.7	-5799	-15750	0.71	
423	1	-80987.7	5550	15795	0.71	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	7568.6	31868.7	8523.5	25102.5	ø 8/10.0'
0.77	2.93	7568.6	15934.3	8523.5	12551.2	ø 8/20.0'
2.93	3.47	7568.6	31868.7	8523.5	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
323	Ft. 37	-75738.7	-908	-5723	3.3	
	Fc. 37	-75738.7	-908	-5723	-987.1	
	ClMax 37	-75738.7	-908	-5723	-71.9	
	ClMed 37	-75738.7	-908	-5723	-34.0	
423	Ft. 37	-73888.7	740	5657	-0.2	
	Fc. 37	-73888.7	740	5657	-959.5	
	ClMax 37	-73888.7	740	5657	-69.9	
	ClMed 37	-73888.7	740	5657	-33.2	

Combinazioni Frequenti						
323	Ft. 40	-71834.3	-947	-4908	-34.5	
	Fc. 40	-71834.3	-947	-4908	-900.1	
	ClMax 40	-71834.3	-947	-4908	-65.3	
	ClMed 40	-71834.3	-947	-4908	-31.4	
423	Ft. 40	-69984.3	784	4852	-37.0	
	Fc. 40	-69984.3	784	4852	-873.5	
	ClMax 40	-69984.3	784	4852	-63.4	
	ClMed 40	-69984.3	784	4852	-30.6	

Combinazioni Quasi Permanenti						
323	Ft. 43	-70779.8	-960	-4645	-47.3	
	Fc. 43	-70779.8	-960	-4645	-873.7	
	ClMax 43	-70779.8	-960	-4645	-63.3	
	ClMed 43	-70779.8	-960	-4645	-30.8	
423	Ft. 43	-68929.8	798	4588	-49.7	
	Fc. 43	-68929.8	798	4588	-847.2	
	ClMax 43	-68929.8	798	4588	-61.4	
	ClMed 43	-68929.8	798	4588	-30.0	

Pilastro: 423/523 / L 3.25[m] / Sezione 9 B 40 [cm]H 50 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
423	9	-34450.0	-15444	-8287	0.81
523	9	-32600.0	18165	8858	0.97

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	9085.9	31868.7	6212.4	25102.5	ø 8/10.0'
0.77	2.93	9085.9	15934.3	6212.4	12551.2	ø 8/20.0'
2.93	3.48	9085.9	31868.7	6212.4	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

423	Ft. 37	-32922.6	-1003	-5879	746.5
	Fc. 37	-32922.6	-1003	-5879	-856.1
	ClsMax 37	-32922.6	-1003	-5879	-67.0
	ClsMed 37	-32922.6	-1003	-5879	-29.9
523	Ft. 37	-31072.6	1370	5924	865.7
	Fc. 37	-31072.6	1370	5924	-896.2
	ClsMax 37	-31072.6	1370	5924	-70.5
	ClsMed 37	-31072.6	1370	5924	-30.2

Combinazioni Frequenti

423	Ft. 40	-31988.9	-1071	-5142	574.4
	Fc. 40	-31988.9	-1071	-5142	-771.7
	ClsMax 40	-31988.9	-1071	-5142	-59.7
	ClsMed 40	-31988.9	-1071	-5142	-26.2
523	Ft. 40	-30138.9	1468	5271	714.4
	Fc. 40	-30138.9	1468	5271	-824.5
	ClsMax 40	-30138.9	1468	5271	-64.3
	ClsMed 40	-30138.9	1468	5271	-27.0

Combinazioni Quasi Permanenti

423	Ft. 43	-31907.4	-1092	-4935	523.0
	Fc. 43	-31907.4	-1092	-4935	-748.1
	ClsMax 43	-31907.4	-1092	-4935	-57.6
	ClsMed 43	-31907.4	-1092	-4935	-25.2
523	Ft. 43	-30057.4	1497	5121	677.1
	Fc. 43	-30057.4	1497	5121	-808.5
	ClsMax 43	-30057.4	1497	5121	-62.9
	ClsMed 43	-30057.4	1497	5121	-26.3

Pilastro: 135/235 / L 4.27[m] / Sezione 9 B 40 [cm]H 50 [cm]

Af: 12 ø 26 Af=63.71 [cm²] < 2ø26 x 4 V + 1ø26 x 2 B + 1ø26 x 2 H >

Staffe: ø 8/10.0' x 71.3+ø 10/15.0' x 285.0+ø 8/10.0' x 71.3

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
135	8	-198741.9	8593	-39966	0.95	
235	8	-196491.9	-7405	36437	0.89	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.71	9243.8	31868.7	16977.9	25102.5	ø 8/10.0'
0.71	3.56	9243.8	33196.5	16977.9	26148.4	ø 10/15.0'
3.56	4.27	9243.8	31868.7	16977.9	25102.5	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
135	Ft. 39	-154377.1	321	-1498	-693.1	
	Fc. 37	-163136.8	306	-1646	-925.3	
	ClsMax 37	-163136.8	306	-1646	-63.1	
	ClsMed 37	-163136.8	306	-1646	-55.2	
235	Ft. 39	-152127.1	-810	3227	-572.2	
	Fc. 37	-160886.8	-790	3529	-1030.9	
	ClsMax 37	-160886.8	-790	3529	-71.8	
	ClsMed 37	-160886.8	-790	3529	-54.4	
Combinazioni Frequenti						
135	Ft. 42	-150667.2	327	-1442	-676.8	
	Fc. 40	-153588.0	322	-1492	-869.6	
	ClsMax 40	-153588.0	322	-1492	-59.2	
	ClsMed 40	-153588.0	322	-1492	-52.0	
235	Ft. 42	-148417.2	-819	3112	-558.9	
	Fc. 40	-151338.0	-812	3213	-967.2	
	ClsMax 40	-151338.0	-812	3213	-67.3	
	ClsMed 40	-151338.0	-812	3213	-51.2	
Combinazioni Quasi Permanenti						
135	Ft. 43	-150668.1	327	-1442	-676.8	
	Fc. 43	-150668.1	327	-1442	-852.5	
	ClsMax 43	-150668.1	327	-1442	-58.1	
	ClsMed 43	-150668.1	327	-1442	-51.0	
235	Ft. 43	-148418.1	-819	3112	-558.9	
	Fc. 43	-148418.1	-819	3112	-947.6	
	ClsMax 43	-148418.1	-819	3112	-65.9	
	ClsMed 43	-148418.1	-819	3112	-50.2	

Pilastro: 235/335 / L 3.25[m] / Sezione 9 B 40 [cm]H 50 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
235	8	-137024.0	5200	-14628	0.70
335	8	-135174.0	-5196	17093	0.76

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	6658.0	31868.7	8548.3	25102.5	ø 8/10.0'
0.77	2.93	6658.0	15934.3	8548.3	12551.2	ø 8/20.0'
2.93	3.47	6658.0	31868.7	8548.3	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
235	Ft. 37	-121645.1	1234	-6278	-237.2
	Fc. 37	-121645.1	1234	-6278	-1345.8
	ClsMax 37	-121645.1	1234	-6278	-96.5
	ClsMed 37	-121645.1	1234	-6278	-52.8
335	Ft. 37	-119795.1	-1000	6274	-240.0
	Fc. 37	-119795.1	-1000	6274	-1318.9
	ClsMax 37	-119795.1	-1000	6274	-94.6
	ClsMed 37	-119795.1	-1000	6274	-52.0

Combinazioni Frequenti					
235	Ft. 40	-113889.3	1276	-5592	-236.2
	Fc. 40	-113889.3	1276	-5592	-1245.8
	ClsMax 40	-113889.3	1276	-5592	-89.2
	ClsMed 40	-113889.3	1276	-5592	-49.4
335	Ft. 40	-112039.3	-1048	5439	-250.1
	Fc. 40	-112039.3	-1048	5439	-1207.9
	ClsMax 40	-112039.3	-1048	5439	-86.4
	ClsMed 40	-112039.3	-1048	5439	-48.6

Combinazioni Quasi Permanenti					
235	Ft. 43	-111559.0	1290	-5373	-236.9
	Fc. 43	-111559.0	1290	-5373	-1214.8
	ClsMax 43	-111559.0	1290	-5373	-87.0
	ClsMed 43	-111559.0	1290	-5373	-48.4
335	Ft. 43	-109709.0	-1063	5170	-254.5
	Fc. 43	-109709.0	-1063	5170	-1173.2
	ClsMax 43	-109709.0	-1063	5170	-83.9
	ClsMed 43	-109709.0	-1063	5170	-47.6

Pilastro: 335/435 / L 3.25[m] / Sezione 9 B 40 [cm]H 50 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1ø18 x 4 V + 1ø18 x 2 B + 1ø18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo		Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
335	8		-82754.3	5418	-15842	0.71
435	8		-80904.3	-5204	15766	0.70
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	7392.2	31868.7	8540.5	25102.5	ø 8/10.0'
0.77	2.93	7392.2	15934.3	8540.5	12551.2	ø 8/20.0'
2.93	3.47	7392.2	31868.7	8540.5	25102.5	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo		Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
Combinazioni Rare						
335	Ft. 37		-75515.3	530	-5950	-0.3
	Fc. 37		-75515.3	530	-5950	-979.8
	ClsMax 37		-75515.3	530	-5950	-71.4
	ClsMed 37		-75515.3	530	-5950	-34.4
435	Ft. 37		-73665.3	-408	5686	-18.2
	Fc. 37		-73665.3	-408	5686	-938.9
	ClsMax 37		-73665.3	-408	5686	-68.4
	ClsMed 37		-73665.3	-408	5686	-33.2
Combinazioni Frequenti						
335	Ft. 40		-71646.2	598	-5043	-45.0
	Fc. 40		-71646.2	598	-5043	-887.2
	ClsMax 40		-71646.2	598	-5043	-64.4
	ClsMed 40		-71646.2	598	-5043	-31.3
435	Ft. 40		-69796.2	-476	4850	-55.5
	Fc. 40		-69796.2	-476	4850	-852.7
	ClsMax 40		-69796.2	-476	4850	-61.8
	ClsMed 40		-69796.2	-476	4850	-30.4
Combinazioni Quasi Permanenti						
335	Ft. 43		-70602.5	619	-4748	-59.7
	Fc. 43		-70602.5	619	-4748	-859.1
	ClsMax 43		-70602.5	619	-4748	-62.2
	ClsMed 43		-70602.5	619	-4748	-30.7
435	Ft. 43		-68752.5	-497	4576	-68.4
	Fc. 43		-68752.5	-497	4576	-826.3
	ClsMax 43		-68752.5	-497	4576	-59.8
	ClsMed 43		-68752.5	-497	4576	-29.8

Pilastro: 435/535 / L 3.25[m] / Sezione 9 B 40 [cm]H 50 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
435	30	-34507.6	14974	-8177	0.78
535	30	-32657.6	-17644	8705	0.94

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	8828.4	31868.7	6137.1	25102.5	ø 8/10.0'
0.77	2.93	8828.4	15934.3	6137.1	12551.2	ø 8/20.0'
2.93	3.48	8828.4	31868.7	6137.1	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

435	Ft. 37	-32832.3	500	-5690	640.8
	Fc. 37	-32832.3	500	-5690	-784.1
	ClsMax 37	-32832.3	500	-5690	-61.2
	ClsMed 37	-32832.3	500	-5690	-28.8
535	Ft. 37	-30982.3	-807	5739	748.3
	Fc. 37	-30982.3	-807	5739	-816.9
	ClsMax 37	-30982.3	-807	5739	-64.2
	ClsMed 37	-30982.3	-807	5739	-29.1

Combinazioni Frequenti

435	Ft. 40	-31913.9	610	-4980	484.2
	Fc. 40	-31913.9	610	-4980	-708.6
	ClsMax 40	-31913.9	610	-4980	-54.6
	ClsMed 40	-31913.9	610	-4980	-25.2
535	Ft. 40	-30063.9	-951	5107	610.2
	Fc. 40	-30063.9	-951	5107	-753.5
	ClsMax 40	-30063.9	-951	5107	-58.6
	ClsMed 40	-30063.9	-951	5107	-26.0

Combinazioni Quasi Permanenti

435	Ft. 43	-31837.1	641	-4780	437.6
	Fc. 43	-31837.1	641	-4780	-687.5
	ClsMax 43	-31837.1	641	-4780	-52.8
	ClsMed 43	-31837.1	641	-4780	-24.2
535	Ft. 43	-29987.1	-991	4963	576.5
	Fc. 43	-29987.1	-991	4963	-739.7
	ClsMax 43	-29987.1	-991	4963	-57.4
	ClsMed 43	-29987.1	-991	4963	-25.3

Pilastro: 146/246 / L 4.27[m] / Sezione 9 B 40 [cm]H 50 [cm]

Af: 12 ø 26 Af=63.71 [cm²] < 2φ26 x 4 V + 1φ26 x 2 B + 1φ26 x 2 H >

Staffe: ø 8/10.0' x 71.3+ø 8/15.0' x 285.0+ø 8/10.0' x 71.3

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
146	17	-56889.0	-9541	37735	0.89	
246	2	-124086.6	7851	32835	0.75	
Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.00	0.71	9025.2	31868.7	16229.6	25102.5	ø 8/10.0'
0.71	3.56	9025.2	21245.8	16229.6	16735.0	ø 8/15.0'
3.56	4.27	9025.2	31868.7	16229.6	25102.5	ø 8/10.0'
Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	
Combinazioni Rare						
146	Ft. 39	-88791.3	-1981	-913	-318.9	
	Fc. 37	-92984.6	-1984	-1000	-608.2	
	ClsMax 37	-92984.6	-1984	-1000	-42.3	
	ClsMed 37	-92984.6	-1984	-1000	-31.5	
246	Ft. 39	-86541.3	3915	2122	-162.7	
	Fc. 37	-90734.6	3909	2310	-746.4	
	ClsMax 37	-90734.6	3909	2310	-53.4	
	ClsMed 37	-90734.6	3909	2310	-30.7	
Combinazioni Frequenti						
146	Ft. 42	-86950.6	-1980	-881	-311.2	
	Fc. 40	-88347.7	-1981	-910	-579.9	
	ClsMax 40	-88347.7	-1981	-910	-40.3	
	ClsMed 40	-88347.7	-1981	-910	-29.9	
246	Ft. 42	-84700.6	3917	2053	-156.8	
	Fc. 40	-86097.7	3915	2115	-713.1	
	ClsMax 40	-86097.7	3915	2115	-51.0	
	ClsMed 40	-86097.7	3915	2115	-29.1	
Combinazioni Quasi Permanenti						
146	Ft. 43	-86949.9	-1980	-881	-311.2	
	Fc. 43	-86949.9	-1980	-881	-571.3	
	ClsMax 43	-86949.9	-1980	-881	-39.7	
	ClsMed 43	-86949.9	-1980	-881	-29.4	
246	Ft. 43	-84699.9	3917	2053	-156.8	
	Fc. 43	-84699.9	3917	2053	-702.9	
	ClsMax 43	-84699.9	3917	2053	-50.3	
	ClsMed 43	-84699.9	3917	2053	-28.7	

Pilastro: 246/346 / L 3.25[m] / Sezione 9 B 40 [cm]H 50 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
246	1	-89279.8	-8367	-9484	0.53
346	1	-87429.8	8469	12741	0.65

Verifiche a Taglio

Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	6405.5	31868.7	6071.6	25102.5	ø 8/10.0'
0.77	2.93	6405.5	15934.3	6071.6	12551.2	ø 8/20.0'
2.93	3.47	6405.5	31868.7	6071.6	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.

Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]
------	------	-----------	-------------	-------------	----------------------

Combinazioni Rare

246	Ft. 37	-70500.3	-6515	-4237	358.0
	Fc. 37	-70500.3	-6515	-4237	-1235.6
	ClisMax 37	-70500.3	-6515	-4237	-91.2
	ClisMed 37	-70500.3	-6515	-4237	-35.8
346	Ft. 37	-68650.3	6081	4329	346.9
	Fc. 37	-68650.3	6081	4329	-1201.9
	ClisMax 37	-68650.3	6081	4329	-88.8
	ClisMed 37	-68650.3	6081	4329	-34.8

Combinazioni Frequenti

246	Ft. 40	-66785.6	-6524	-3844	355.0
	Fc. 40	-66785.6	-6524	-3844	-1182.9
	ClisMax 40	-66785.6	-6524	-3844	-87.3
	ClisMed 40	-66785.6	-6524	-3844	-34.2
346	Ft. 40	-64935.6	6087	3868	334.5
	Fc. 40	-64935.6	6087	3868	-1141.9
	ClisMax 40	-64935.6	6087	3868	-84.3
	ClisMed 40	-64935.6	6087	3868	-33.1

Combinazioni Quasi Permanenti

246	Ft. 43	-65691.7	-6527	-3718	352.9
	Fc. 43	-65691.7	-6527	-3718	-1166.5
	ClisMax 43	-65691.7	-6527	-3718	-86.1
	ClisMed 43	-65691.7	-6527	-3718	-33.7
346	Ft. 43	-63841.7	6089	3720	329.4
	Fc. 43	-63841.7	6089	3720	-1123.0
	ClisMax 43	-63841.7	6089	3720	-82.9
	ClisMed 43	-63841.7	6089	3720	-32.5

Pilastro: 346/446 / L 3.25[m] / Sezione 9 B 40 [cm]H 50 [cm]

Af: 8 ø 18 Af=20.36 [cm²] < 1φ18 x 4 V + 1φ18 x 2 B + 1φ18 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
346	1	-54895.5	-8707	-12934	0.70
446	1	-53045.5	8166	13242	0.70

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	7243.5	31868.7	7266.8	25102.5	ø 8/10.0'
0.77	2.93	7243.5	15934.3	7266.8	12551.2	ø 8/20.0'
2.93	3.47	7243.5	31868.7	7266.8	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.					
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]

Combinazioni Rare					
346	Ft. 37	-44460.4	-5599	-4182	654.1
	Fc. 37	-44460.4	-5599	-4182	-1089.5
	ClsMax 37	-44460.4	-5599	-4182	-82.4
	ClsMed 37	-44460.4	-5599	-4182	-29.0
446	Ft. 37	-42610.4	5363	4087	641.4
	Fc. 37	-42610.4	5363	4087	-1053.8
	ClsMax 37	-42610.4	5363	4087	-79.7
	ClsMed 37	-42610.4	5363	4087	-28.0

Combinazioni Frequenti					
346	Ft. 40	-42350.4	-5586	-3681	606.3
	Fc. 40	-42350.4	-5586	-3681	-1026.2
	ClsMax 40	-42350.4	-5586	-3681	-77.5
	ClsMed 40	-42350.4	-5586	-3681	-27.4
446	Ft. 40	-40500.4	5348	3596	594.7
	Fc. 40	-40500.4	5348	3596	-991.3
	ClsMax 40	-40500.4	5348	3596	-74.9
	ClsMed 40	-40500.4	5348	3596	-26.4

Combinazioni Quasi Permanenti					
346	Ft. 43	-41787.1	-5582	-3516	588.6
	Fc. 43	-41787.1	-5582	-3516	-1005.7
	ClsMax 43	-41787.1	-5582	-3516	-75.9
	ClsMed 43	-41787.1	-5582	-3516	-27.0
446	Ft. 43	-39937.1	5344	3432	576.6
	Fc. 43	-39937.1	5344	3432	-970.7
	ClsMax 43	-39937.1	5344	3432	-73.3
	ClsMed 43	-39937.1	5344	3432	-26.0

Pilastro: 446/546 / L 3.25[m] / Sezione 9 B 40 [cm]H 50 [cm]

Af: 8 ø 20 Af=25.13 [cm²] < 1φ20 x 4 V + 1φ20 x 2 B + 1φ20 x 2 H >

Staffe: ø 8/10.0' x 54.2+ø 8/20.0' x 216.7+ø 8/10.0' x 54.2

Verifiche a Presso-Flessione S.L.U.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	
446	9	-22243.6	-15371	-6677	0.71	
546	9	-20393.6	19652	7261	0.92	

Verifiche a Taglio						
Da [m]	A [m]	Vdx [kg]	Vrx [kg]	Vdy [kg]	Vry [kg]	Staffe
0.23	0.77	9465.5	31868.7	5307.5	25102.5	ø 8/10.0'
0.77	2.93	9465.5	15934.3	5307.5	12551.2	ø 8/20.0'
2.93	3.48	9465.5	31868.7	5307.5	25102.5	ø 8/10.0'

Verifiche a Presso-Flessione S.L.E.						
Nodo	Comb	N [kg]	Mx [kgm]	My [kgm]	Tensione [kg/cm²]	

Combinazioni Rare						
446	Ft. 37	-18496.5	-7019	-4128	1589.8	
	Fc. 37	-18496.5	-7019	-4128	-1161.4	
	ClsMax 37	-18496.5	-7019	-4128	-93.1	
	ClsMed 37	-18496.5	-7019	-4128	-31.0	
546	Ft. 37	-16646.5	8954	4087	2064.7	
	Fc. 37	-16646.5	8954	4087	-1329.2	
	ClsMax 37	-16646.5	8954	4087	-107.6	
	ClsMed 37	-16646.5	8954	4087	-36.4	

Combinazioni Frequenti						
446	Ft. 40	-17992.0	-7008	-3690	1516.4	
	Fc. 40	-17992.0	-7008	-3690	-1105.9	
	ClsMax 40	-17992.0	-7008	-3690	-88.6	
	ClsMed 40	-17992.0	-7008	-3690	-29.7	
546	Ft. 40	-16142.0	8958	3704	2011.8	
	Fc. 40	-16142.0	8958	3704	-1279.6	
	ClsMax 40	-16142.0	8958	3704	-103.6	
	ClsMed 40	-16142.0	8958	3704	-35.5	

Combinazioni Quasi Permanenti						
446	Ft. 43	-17952.0	-7005	-3568	1492.7	
	Fc. 43	-17952.0	-7005	-3568	-1090.4	
	ClsMax 43	-17952.0	-7005	-3568	-87.3	
	ClsMed 43	-17952.0	-7005	-3568	-29.4	
546	Ft. 43	-16102.0	8959	3623	1998.2	
	Fc. 43	-16102.0	8959	3623	-1269.2	
	ClsMax 43	-16102.0	8959	3623	-102.8	
	ClsMed 43	-16102.0	8959	3623	-35.3	

SETTO 15 – 1° solaio

Armature Nucleo

Parete Nodi Diagonali	Sezione Numero	Base [cm]	Altezza [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
926 15	1	60	500	30	2x ø 26 15'	2x ø 12 10'
15 925	1	60	500	30	2x ø 26 15'	2x ø 12 10'

S.L.U.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	6	30946.2	-6949	183119	0.97
Som.	14	190913.5	19003	-13510	0.64

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	σ [kg/cm ²]
Base					
Cl.s.	43	-64958.6	-469	306	-13.1
Cl.s.Med	43	-64958.6	-469	306	-11.8
Ft.	41	-65160.8	-481	327	-157.6
Fc.	43	-64958.6	-469	306	-195.9
Sommita					
Cl.s.	43	-64958.6	-469	306	-13.1
Cl.s.Med	43	-64958.6	-469	306	-11.8
Ft.	41	-65160.8	-481	327	-157.6
Fc.	43	-64958.6	-469	306	-195.9

Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Combinazione critica	V _{dc} [kg]	alpha	V _d [kg]	V _{Rd2} [kg]	V _{Rd3} [kg]	V _{Rds} [kg]
926-15-925	1.20	5.00	3	-42389.2	1.00	-42389.2	100042.3	97663.2	144067.7

SETTO 15 – 2° solaio

Armature Nucleo

Parete Nodi Diagonali	Sezione Numero	Base [cm]	Altezza [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
920 115	1	60	450	30	2x ø 26 15'	2x ø 12 10'
115 915	1	60	450	30	2x ø 26 15'	2x ø 12 10'

S.L.U.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	14	110929.4	1257	14273	0.28
Som.	2	28429.4	-1644	-98374	0.53

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	σ [kg/cm ²]
Base					
Cls.	43	-50353.3	483	29	-10.2
Cls.Med	43	-50353.3	483	29	-9.1
Ft.	43	-50353.3	483	29	-121.1
Fc.	43	-50353.3	483	29	-153.0
Sommita					
Cls.	43	-50353.3	483	29	-10.2
Cls.Med	43	-50353.3	483	29	-9.1
Ft.	43	-50353.3	483	29	-121.1
Fc.	43	-50353.3	483	29	-153.0

Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Combinazione critica	V _{dc} [kg]	alpha	V _d [kg]	V _{Rd2} [kg]	V _{Rd3} [kg]	V _{Rds} [kg]
920-115-915	1.20	4.50	2	-29453.9	1.00	-29453.9	100042.3	97663.2	166998.0

SETTO 15 – 3° solaio

Armature Nucleo

Parete Nodi Diagonali	Sezione Numero	Base [cm]	Altezza [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
919 215	1	60	370	30	2x ø 20 25'	2x ø 12 10'
215 916	1	60	370	30	2x ø 20 25'	2x ø 12 10'

S.L.U.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	20683.9	-1544	81002	0.94
Som.	22	21663.5	3216	79200	0.93

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	σ [kg/cm ²]
Base					
Cls.	43	-38919.7	-1243	-389	-13.6
Cls.Med	43	-38919.7	-1243	-389	-8.9
Ft.	37	-42925.6	-1527	-597	-59.8
Fc.	43	-38919.7	-1243	-389	-204.2
Sommita					
Cls.	43	-38919.7	-1243	-389	-13.6
Cls.Med	43	-38919.7	-1243	-389	-8.9
Ft.	37	-42925.6	-1527	-597	-59.8
Fc.	43	-38919.7	-1243	-389	-204.2

Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Combinazione critica	V _{dc} [kg]	alpha	V _d [kg]	V _{Rd2} [kg]	V _{Rd3} [kg]	V _{Rds} [kg]
919-215-916	1.20	3.70	2	-35545.8	1.00	-35545.8	100042.3	92985.9	59701.3

SETTO 15 – 4° solaio

Armature Nucleo

Parce Nodi Diagonali	Sezione Numero	Base [cm]	Altezza [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
918 315	1	60	370	30	2x ø 22 25'	2x ø 12 10'
315 917	1	60	370	30	2x ø 22 25'	2x ø 12 10'

S.L.U.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	-6266.8	401	76527	0.67
Som.	22	-1273.3	-482	103017	0.93

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	σ [kg/cm ²]
Base					
Cls.	43	-27354.8	240	-316	-7.2
Cls.Med	43	-27354.8	240	-316	-6.1
Ft.	41	-27633.9	258	-373	-73.6
Fc.	43	-27354.8	240	-316	-107.4
Sommità					
Cls.	43	-27354.8	240	-316	-7.2
Cls.Med	43	-27354.8	240	-316	-6.1
Ft.	41	-27633.9	258	-373	-73.6
Fc.	43	-27354.8	240	-316	-107.4

Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Combinazione critica	V _{dc} [kg]	alpha	V _d [kg]	V _{Rd2} [kg]	V _{Rd3} [kg]	V _{Rds} [kg]
918-315-917	1.20	3.70	22	-50673.9	1.00	-50673.9	100042.3	93526.6	72792.3

SETTO 15 – 5° solaio

Armature Nucleo

Parete Nodi Diagonali	Sezione Numero	Base [cm]	Altezza [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
921 415	1	60	370	30	2x ø 20 25'	2x ø 12 10'
415 922	1	60	370	30	2x ø 20 25'	2x ø 12 10'

S.L.U.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	-5663.3	-592	23918	0.24
Som.	1	2759.5	754	-75339	0.81

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	σ [kg/cm ²]
Base					
Cls.	43	-14283.4	-1001	752	-7.6
Cls.Med	43	-14283.4	-1001	752	-3.4
Ft.	43	-14283.4	-1001	752	15.6
Fc.	43	-14283.4	-1001	752	-113.6
Sommita					
Cls.	43	-14283.4	-1001	752	-7.6
Cls.Med	43	-14283.4	-1001	752	-3.4
Ft.	43	-14283.4	-1001	752	15.6
Fc.	43	-14283.4	-1001	752	-113.6

Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Combinazione critica	V _{dc} [kg]	alpha	V _d [kg]	V _{Rd2} [kg]	V _{Rd3} [kg]	V _{Rds} [kg]
921-415-922	1.20	3.70	1	37191.8	1.00	37191.8	100042.3	92985.9	62697.3

SETTO 27 – 1° solaio

Armature Nucleo

Parete Nodi Diagonali	Sezione Numero	Base [cm]	Altezza [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
927 27	1	60	500	30	2x ø 26 15'	2x ø 12 10'
27 928	1	60	500	30	2x ø 26 15'	2x ø 12 10'

S.L.U.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	7	-29816.6	1742	195908	0.98
Som.	22	-183171.5	2289	57043	0.35

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	σ [kg/cm ²]
Base					
Cls.	43	-115252.3	-175	2118	-23.1
Cls.Med	43	-115252.3	-175	2118	-20.9
Ft.	43	-115252.3	-175	2118	-280.2
Fc.	43	-115252.3	-175	2118	-347.2
Sommita					
Cls.	43	-115252.3	-175	2118	-23.1
Cls.Med	43	-115252.3	-175	2118	-20.9
Ft.	43	-115252.3	-175	2118	-280.2
Fc.	43	-115252.3	-175	2118	-347.2

Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Combinazione critica	V _{dc} [kg]	alpha	V _d [kg]	V _{Rd2} [kg]	V _{Rd3} [kg]	V _{Rd5} [kg]
927-27-928	1.20	5.00	6	-44855.9	1.00	-44855.9	100042.3	97663.2	140680.6

SETTO 27 – 2° solaio

Armature Nucleo

Parete Nodi Diagonali	Sezione Numero	Base [cm]	Altezza [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
938 127	1	60	450	30	2x ø 26 15'	2x ø 12 10'
127 929	1	60	450	30	2x ø 26 15'	2x ø 12 10'

S.L.U.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	22	-157736.0	238	-49216	0.30
Som.	7	-31763.9	1894	-104515	0.52

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	σ [kg/cm ²]
Base					
Cls.	43	-87810.9	-970	-228	-18.2
Cls.Med	43	-87810.9	-970	-228	-15.9
Ft.	42	-88156.3	-1023	-255	-203.7
Fc.	43	-87810.9	-970	-228	-273.2
Sommità					
Cls.	43	-87810.9	-970	-228	-18.2
Cls.Med	43	-87810.9	-970	-228	-15.9
Ft.	42	-88156.3	-1023	-255	-203.7
Fc.	43	-87810.9	-970	-228	-273.2

Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Combinazione critica	V _{dc} [kg]	alpha	V _d [kg]	V _{Rd2} [kg]	V _{Rd3} [kg]	V _{Rds} [kg]
938-127-929	1.20	4.50	7	-31943.9	1.00	-31943.9	100042.3	97663.2	139727.0

SETTO 27 – 3° solaio

Armature Nucleo

Parete Nodi Diagonali	Sezione Numero	Base [cm]	Altezza [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
937 227	1	60	370	30	2x ø 20 25'	2x ø 12 10'
227 930	1	60	370	30	2x ø 20 25'	2x ø 12 10'

S.L.U.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	25	31205.2	6974	13727	0.40
Som.	7	-23776.4	-1295	-79411	0.77

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	σ [kg/cm ²]
Base					
Cls.	43	-63918.4	65	4847	-20.3
Cls.Med	43	-63918.4	65	4847	-14.7
Ft.	43	-63918.4	65	4847	-135.7
Fc.	43	-63918.4	65	4847	-304.7
Sommita					
Cls.	43	-63918.4	65	4847	-20.3
Cls.Med	43	-63918.4	65	4847	-14.7
Ft.	43	-63918.4	65	4847	-135.7
Fc.	43	-63918.4	65	4847	-304.7

Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Combinazione critica	V _{dc} [kg]	alpha	V _d [kg]	V _{Rd2} [kg]	V _{Rd3} [kg]	V _{Rd5} [kg]
937-227-930	1.20	3.70	7	33366.1	1.00	33366.1	100042.3	92985.9	69550.2

SETTO 27 – 4° solaio

Armature Nucleo

Parete Nodi Diagonali	Sezione Numero	Base [cm]	Altezza [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
936 327	1	60	370	30	2x ø 20 25'	2x ø 12 10'
327 931	1	60	370	30	2x ø 20 25'	2x ø 12 10'

S.L.U.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	7	-16813.8	99	58443	0.56
Som.	7	-7515.5	-117	-77657	0.80

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	σ [kg/cm ²]
Base					
Cls.	43	-41065.5	617	981	-12.6
Cls.Med	43	-41065.5	617	981	-9.4
Ft.	40	-41647.5	627	1117	-92.7
Fc.	43	-41065.5	617	981	-189.4
Sommità					
Cls.	43	-41065.5	617	981	-12.6
Cls.Med	43	-41065.5	617	981	-9.4
Ft.	40	-41647.5	627	1117	-92.7
Fc.	43	-41065.5	617	981	-189.4

Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Combinazione critica	V _{dc} [kg]	alpha	V _d [kg]	V _{Rd2} [kg]	V _{Rd3} [kg]	V _{Rds} [kg]
936-327-931	1.20	3.70	7	34640.7	1.00	34640.7	100042.3	92985.9	64695.6

SETTO 27 – 5° solaio

Armature Nucleo

Parete Nodi Diagonali	Sezione Numero	Base [cm]	Altezza [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
935 427	1	60	370	30	2x ø 20 25'	2x ø 12 10'
427 932	1	60	370	30	2x ø 20 25'	2x ø 12 10'

S.L.U.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	27	12277.1	4472	23053	0.34
Som.	7	-1522.5	80	-70226	0.74

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	σ [kg/cm ²]
Base					
Cls.	43	-18696.1	-1171	7963	-20.3
Cls.Med	43	-18696.1	-1171	7963	-7.8
Ft.	43	-18696.1	-1171	7963	231.0
Fc.	43	-18696.1	-1171	7963	-304.8
Sommità					
Cls.	43	-18696.1	-1171	7963	-20.3
Cls.Med	43	-18696.1	-1171	7963	-7.8
Ft.	43	-18696.1	-1171	7963	231.0
Fc.	43	-18696.1	-1171	7963	-304.8

Verifiche a taglio dei diaframmi

Diaframma	B [m]	H [m]	Combinazione critica	V _{dc} [kg]	alpha	V _d [kg]	V _{Rd2} [kg]	V _{Rd3} [kg]	V _{Rds} [kg]
935-427-932	1.20	3.70	7	26524.1	1.00	26524.1	100042.3	92985.9	63519.3

APE PREFABBRICATI
IL PROGETTISTA D.E.I. S.p.A.
Dott. Ing. MAURO FERRARI

