TABELLA PILASTRI QUOTA m: 3.60

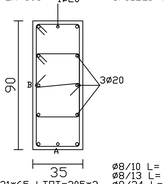
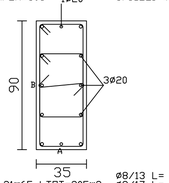
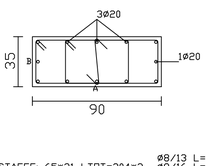
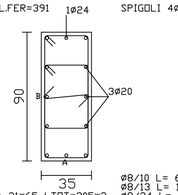
PIL.		PIL.	
1 5 8 9 29 30 36	L=360 L.FER=391 1ø20 SPIGOLI 4ø24  STAFFE: 31×65 LTOT=205×2 ø8/10 L= 60 ø8/13 L= 90 ø8/24 L= 120 ø8/13 L= 90	7 10 32	L=360 L.FER=391 1ø20 SPIGOLI 4ø24  STAFFE: 31×65 LTOT=205×2 ø8/13 L= 150 ø8/17 L= 120 ø8/13 L= 90
2 3 4 34	L=360 L.FER=446 SPIGOLI 4ø20  STAFFE: 65×31 LTOT=204×2 ø8/13 L= 150 ø8/16 L= 120 ø8/13 L= 90	12	L=360 L.FER=391 1ø24 SPIGOLI 4ø24  STAFFE: 31×65 LTOT=205×2 ø8/10 L= 60 ø8/13 L= 100 ø8/24 L= 100 ø8/13 L= 100
6 11 20 27	L=360 L.FER=391 1ø20 SPIGOLI 4ø24  STAFFE: 31×65 LTOT=205×2 ø8/13 L= 150 ø8/14 L= 120 ø8/13 L= 90	13	L=360 L.FER=391 3ø20 SPIGOLI 4ø24  STAFFE: 31×59 LTOT=191×2 ø8/15 L= 150 ø8/19 L= 120 ø8/15 L= 90

TABELLA PILASTRI QUOTA m: 3.60

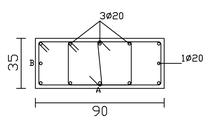
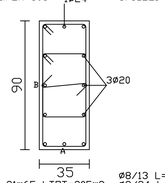
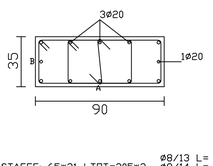
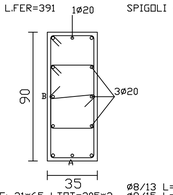
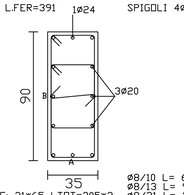
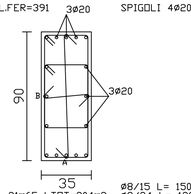
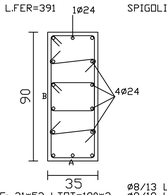
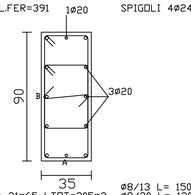
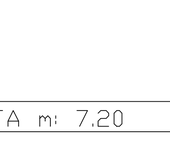
PIL.		PIL.	
14 23	L=360 L.FER=446 SPIGOLI 4ø20  STAFFE: 65×31 LTOT=204×2 ø8/13 L= 150 ø8/18 L= 120 ø8/13 L= 90	17	L=360 L.FER=391 1ø24 SPIGOLI 4ø24  STAFFE: 31×65 LTOT=205×2 ø8/13 L= 150 ø8/24 L= 120 ø8/13 L= 90
15	L=360 L.FER=446 SPIGOLI 4ø24  STAFFE: 65×31 LTOT=205×2 ø8/13 L= 150 ø8/14 L= 120 ø8/13 L= 90	18	L=360 L.FER=391 1ø20 SPIGOLI 4ø24  STAFFE: 31×65 LTOT=205×2 ø8/13 L= 160 ø8/15 L= 100 ø8/13 L= 100
16 25	L=360 L.FER=416 SPIGOLI 4ø24  STAFFE: 56×31 LTOT=187 ø8/15 L= 120 ø8/19 L= 180 ø8/15 L= 60	19	L=360 L.FER=391 1ø20 SPIGOLI 4ø24  STAFFE: 31×65 LTOT=205×2 ø8/13 L= 173 ø8/16 L= 74 ø8/13 L= 113

TABELLA PILASTRI QUOTA m: 3.60

PIL.		PIL.	
21	L=360 L.FER=391 1ø24 SPIGOLI 4ø24  STAFFE: 31×65 LTOT=205×2 ø8/10 L= 60 ø8/13 L= 90 ø8/21 L= 120 ø8/13 L= 90	26	L=360 L.FER=391 3ø20 SPIGOLI 4ø20  STAFFE: 31×65 LTOT=204×2 ø8/15 L= 150 ø8/24 L= 120 ø8/15 L= 90
22	L=360 L.FER=391 1ø24 SPIGOLI 4ø24  STAFFE: 31×53 LTOT=180×2 ø8/13 L= 160 ø8/19 L= 100 ø8/13 L= 100	28	L=360 L.FER=391 1ø20 SPIGOLI 4ø24  STAFFE: 31×65 LTOT=205×2 ø8/13 L= 150 ø8/20 L= 120 ø8/13 L= 90
24	L=360 L.FER=446 SPIGOLI 4ø24  STAFFE: 65×31 LTOT=205×2 ø8/13 L= 360	31	L=360 L.FER=391 1ø20 SPIGOLI 4ø24  STAFFE: 31×65 LTOT=205×2 ø8/13 L= 150 ø8/19 L= 120 ø8/13 L= 90

CARATTERISTICHE DEI MATERIALI

Calcestruzzo:

Classe di resistenza C25/30

Modulo di elasticita' (Ec m = 31447 N/mmq)

Peso unità di volume γc = 24 kN/mc

Resistenza caratteristica cubica a compressione Rck = 30 N/mmq

Classi di esposizione XC2 (condizioni ambientali ordinarie)

Rapporto acqua/cemento = 0.50 (valore massimo)

Contenuto minimo di cemento= 300 Kg/mc

Classe di consistenza semifluida "S3" abbassamento "slump" da 100 a 150 mm

Acciaio per cemento armato B450C (pilastri, travi, piastre, platee, setti, diametri tra Ø6 e Ø40)
Tensione caratteristica di snervamento: Fy = 450 N/mmq (valore nominale)
Tensione caratteristica di rottura: ft = 540 N/mmq (valore nominale)
Allungamento minimo Agtk = 7.5 % (valore caratteristico, frattile 10%)

Acciaio per cemento armato B450A (solo per reti elettrosaldate e diametri compresi tra Ø5 e Ø10)
Tensione caratteristica di snervamento: Fy = 450 N/mmq (valore nominale)
Tensione caratteristica di rottura: ft = 540 N/mmq (valore nominale)
Allungamento minimo Agtk = 2.5 % (valore caratteristico, frattile 10%)

TABELLA PILASTRI QUOTA m: 3.60

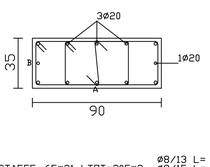
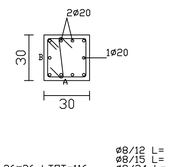
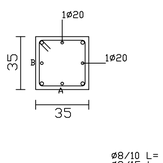
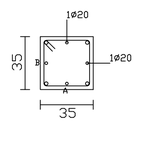
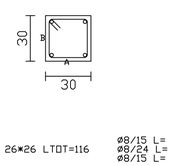
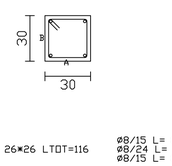
PIL.		PIL.	
33 35	L=360 L.FER=446 SPIGOLI 4ø24  STAFFE: 65×31 LTOT=205×2 ø8/13 L= 150 ø8/15 L= 66 ø8/24 L= 198 ø8/15 L= 66	39	L=360 L.FER=468 SPIGOLI 4ø20  STAFFE: 26×26 LTOT=116 ø8/12 L= 60 ø8/15 L= 56 ø8/24 L= 188 ø8/15 L= 56
37	L=360 L.FER=490 SPIGOLI 4ø24  STAFFE: 31×31 LTOT=137 ø8/10 L= 30 ø8/15 L= 66 ø8/24 L= 154 ø8/15 L= 88	40	L=360 L.FER=490 SPIGOLI 4ø24  STAFFE: 31×31 LTOT=137 ø8/15 L= 118 ø8/24 L= 154 ø8/15 L= 88
38 47	L=360 L.FER=386 SPIGOLI 4ø24  STAFFE: 26×26 LTOT=116 ø8/15 L= 140 ø8/24 L= 110 ø8/15 L= 110	41	L=360 L.FER=386 SPIGOLI 4ø20  STAFFE: 26×26 LTOT=116 ø8/15 L= 88 ø8/24 L= 184 ø8/15 L= 88

TABELLA PILASTRI QUOTA m: 3.60

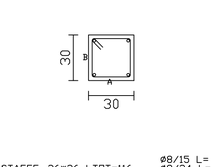
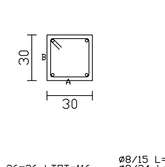
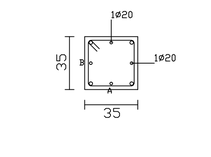
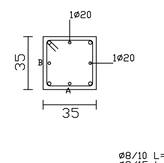
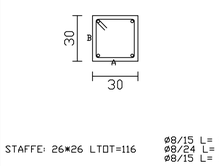
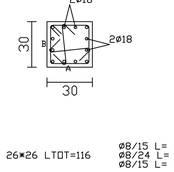
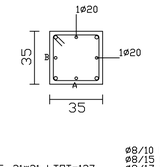
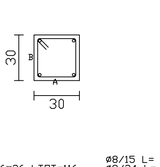
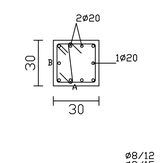
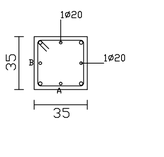
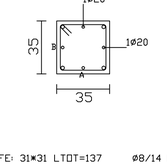
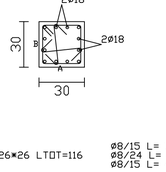
PIL.		PIL.	
42	L=360 L.FER=468 SPIGOLI 4ø20  STAFFE: 26×26 LTOT=116 ø8/15 L= 113 ø8/24 L= 194 ø8/15 L= 53	45	L=360 L.FER=468 SPIGOLI 4ø20  STAFFE: 26×26 LTOT=116 ø8/15 L= 116 ø8/24 L= 188 ø8/15 L= 56
43	L=360 L.FER=490 SPIGOLI 4ø24  STAFFE: 31×31 LTOT=137 ø8/15 L= 105 ø8/24 L= 180 ø8/15 L= 75	46	L=360 L.FER=490 SPIGOLI 4ø24  STAFFE: 31×31 LTOT=137 ø8/10 L= 30 ø8/15 L= 72 ø8/24 L= 186 ø8/15 L= 72
44	L=360 L.FER=386 SPIGOLI 4ø20  STAFFE: 26×26 LTOT=116 ø8/15 L= 90 ø8/24 L= 180 ø8/15 L= 90	48	L=360 L.FER=468 SPIGOLI 4ø20  STAFFE: 26×26 LTOT=116 ø8/15 L= 114 ø8/24 L= 192 ø8/15 L= 54

TABELLA PILASTRI QUOTA m: 7.20

PIL.		PIL.	
37 46	L=220 L.FER=251 SPIGOLI 4ø24  STAFFE: 31×31 LTOT=137 ø8/10 L= 30 ø8/15 L= 45 ø8/17 L= 100 ø8/15 L= 45	42 45	L=220 L.FER=246 SPIGOLI 4ø20  STAFFE: 26×26 LTOT=116 ø8/15 L= 93 ø8/24 L= 64 ø8/15 L= 63
39	L=220 L.FER=246 SPIGOLI 4ø20  STAFFE: 26×26 LTOT=116 ø8/12 L= 30 ø8/15 L= 45 ø8/17 L= 100 ø8/15 L= 45	43	L=220 L.FER=251 SPIGOLI 4ø24  STAFFE: 31×31 LTOT=137 ø8/13 L= 220
40	L=220 L.FER=251 SPIGOLI 4ø24  STAFFE: 31×31 LTOT=137 ø8/14 L= 220	48	L=220 L.FER=246 SPIGOLI 4ø20  STAFFE: 26×26 LTOT=116 ø8/15 L= 75 ø8/24 L= 100 ø8/15 L= 45

REGIONE SICILIANA

UFFICIO REGIONALE DI PROTEZIONE CIVILE

VISTO
IL RESPONSABILE DEL PROCEDIMENTO

VISTO

VISTO

VISTO

PROGETTO PER LA NUOVA SEDE DI DISTACCAMENTO VV.F. DI AUGUSTA (SR)
1° STRALCIO

ELABORATO N°
C.3.8.2
RNU 2

OGGETTO:
ELABORATI STRUTTURALI
CORPO CENTRALE - ESECUTIVI PILASTRI TAV.2

PROGETTO:
ESECUTIVO

PROGETTISTI:
ING. ANNA PARRINO
ARCH. RAFFAELE VITIELLO

COORD. SICUREZZA
ING. MAURIZIO SCHILLACI
STUDIO GEOLOGICO
GEOL. CINZIA GURRERI

CODICE	SCALA	LEGGE DI FINANZIAMENTO	DATA
	1/50	LEGGE 31/12/1991 n°433 (ART.1,C.2 LETT.H)	LUGLIO 2013