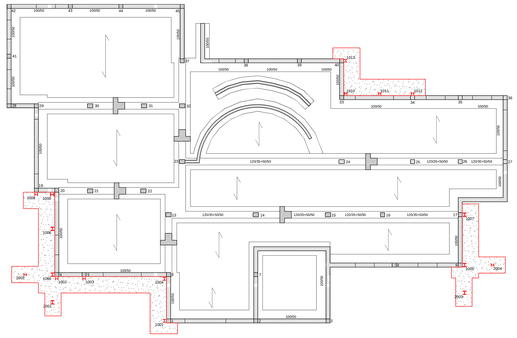
PIANTA FONDAZIONI



CARATTERISTICHE MATERIALI

CALCESTRUZZO FONDAZIONI

- CONGLOMERATO CEMENTIZIO CLASSE: C30/37 (Rck 37 N/mm²=370 Kg/cm²)
- CLASSE DI ESPOSIZIONE AMBIENTALE: XC2 (fondazioni) SECONDO EN 206-1
- COPRIFERRO MINIMO: 35 mm (platea di fondazione)
- DIMENSIONE MASSIMA DELL'AGGREGATO Dmax= 30 mm
- RAPPORTO ACQUA/CEMENTO MASSIMO 0.60 (classe di esposizione XC2)
  DA MISURARSI SECONDO UNI 206-1 CON PRELIEVI EFFETTUATI IMMEDIATAMENTE PRIMA DEL GETTO
- CEMENTO TIPO II-B-V/, UNI 197-1 CLASSE 42.5 - DOSAGGIO MINIMO 350 kg/m³
- CONSISTENZA S4, SECONDO EN 206-1

MALTE COLABILI - RINFORZI STRUTTURALI

- MALTA STRUTTURALE CLASSE R4 secondo EN 1504-3 - RESISTENZA A COMPRESSIONE dopo 28 gg ≥ 45 MPa

ACCIAIO PER ARMATURE - B450C

- TRAFILATO IN BARRE TONDE 6 e ø 40 AD ADERENZA MIGLIORATA
- TENSIONE CARATTERISTICA DI SNERVAMENTO Fyk ≥ 450 N/mm²
- TENSIONE CARATTERISTICA DI ROTTURA Ftk ≥ 540 N/mm²
- ALLUNGAMENTO (Agt)k ≥ 7.5%

ACCIAIO PER CARPENTERIE METALLICHE - ESOSCHELETRO

- ACCIAIO S235 e S275 CONFORME UNI EN 10025 E UNI EN 10219-1
  (PROFILI TIPO HEA-HEB-TUBOLARI)
- CARICO A ROTTURA fk ≥ 360 N/mm² (per acciaio S235) - fk ≥ 430 N/mm² (per acciaio S275)
- CARICO DI SNERVAMENTO fyk ≥ 235 N/mm² (per acciaio S235) - fyk ≥ 275 N/mm² (per acciaio S275)
- MODULO ELASTICO E = 210000 N/mm²
- BULLONI CON VITI CLASSE DI RESISTENZA 8.8 - DADO CLASSE DI RESISTENZA 8 (6S)
- SALDATURE A CORDONE D'ANGOLO DIMENSIONE 10 mm SPESSORE MINIMO
  (DOVE NON SPECIFICATAMENTE INDICATO) SECONDO UNI5132 E CNR10011/88

ACCIAIO PER CARPENTERIE METALLICHE - MICROPALI

- ACCIAIO S355 CONFORME UNI EN 10025 E UNI EN 10219-1
  (PROFILI TUBOLARI)
- CARICO A ROTTURA fk ≥ 510 N/mm²
- CARICO DI SNERVAMENTO fyk ≥ 355 N/mm²
- MODULO ELASTICO E = 210000 N/mm²

MALTE - MICROPALI

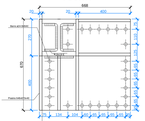
- MALTA PER MICROPALI - RESISTENZA A COMPRESSIONE dopo 28 gg ≥ 42 MPa

FISSAGGI CHIMICI

- RESINA EPOSSIDICA CERTIFICATA SECONDO EOTA (ETAG 001 - TR45)

SETTO S2

Colonna 1009
PIANTA



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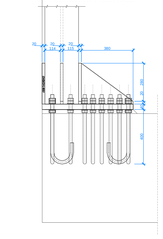

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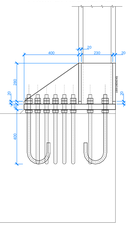
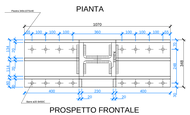


Colonna 1006
PIANTA



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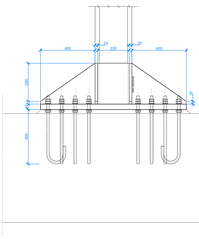

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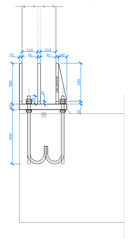
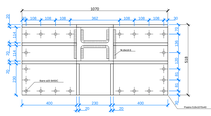


Colonna 1066
PIANTA



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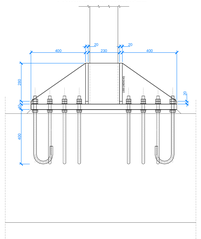

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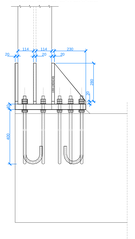
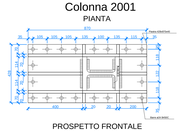


Colonna 2001
PIANTA



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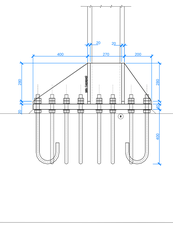

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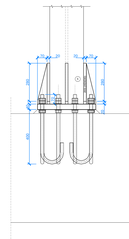
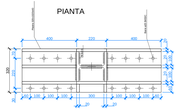


SETTO S1 - Colonna 1008

PIANTA



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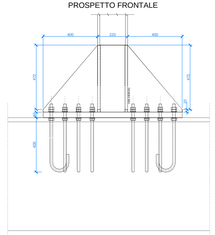

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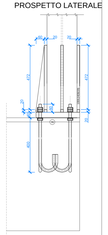
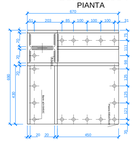


SETTO S4

Colonna 1004
PIANTA



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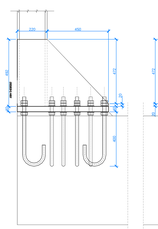

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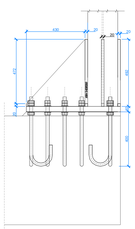
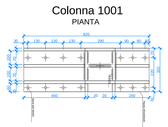


Colonna 1001
PIANTA



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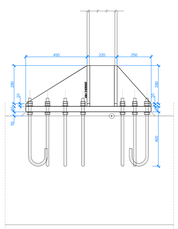

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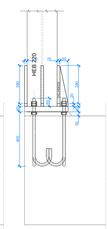
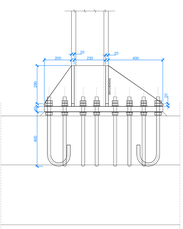


SETTO S5

Colonna 2003
PIANTA

PROSPETTO FRONTALE



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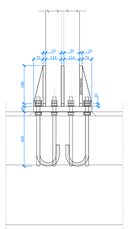
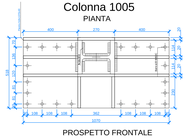


Colonna 1005
PIANTA



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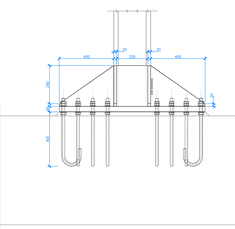

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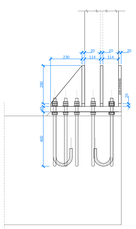
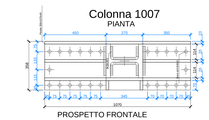


Colonna 1007
PIANTA



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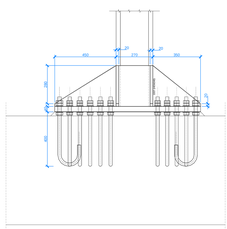

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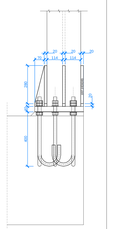

COMUNE DI BORDIGHERA

ADEGUAMENTO SISMICO NEI PLESSI SCOLASTICI SITUATI NEL COMUNE DI BORDIGHERA "RODARI" IN VIA PASTEUR E "DE AMICIS-RUFFINI" IN VIA PELLOUX

LOTTO 1 - "RODARI" in Via Pasteur

RAGGRUPPAMENTO TEMPORANEO DI PROFESSIONISTI

STUDIO TECNICO ASSOCIATO
INGG. PINO & BERTORA
Viale Matteotti 4, 18100 Imperia (IM)
tel. 0183/650796
p.e.c.: studiopinoebertora@pec.it

ING. PAOLO BIANCHERI
Via Rovetta 51, 18012 Bordighera (IM)
tel. 0184/263309
p.e.c.: paolo.biancheri@ingpec.eu

STUDIO TECNICO ASSOCIATO
INGG. BERTORA, PINO, CALANDRI, ASCHERI
Viale Matteotti 4, 18100 Imperia (IM)
tel. 0183/650796
p.e.c.: studiotecnicoassociato@pec.it

DOTT. GEOL. PIERLUIGI TORRIERI
Via Privata Bellavista 50, 18019 VALLECROSIA (IM)
tel. 0184/254564
p.e.c.: torrieri@epap.oocercz.epostale.it

ARCH. ALICE BERTORA
Viale Matteotti 4, 18100 Imperia (IM)
tel. 0183/650796
p.e.c.: alice.bertora@architettiorripec.it

Consulente: PROF. ING. GIUSEPPE FERRO
Politecnico di Torino - Dipartimento di Ingegneria Strutturale Edile e Geotecnica

AGGIORNAMENTI

Numero:	Data:	Descrizione:	Approvazione:	Emissione:

IMPRESA:

PROGETTO ESECUTIVO

OGGETTO TAVOLA:

SETTI SISMORESISTENTI
COLLEGAMENTI DI FONDAZIONE
SETTI S1-S2-S4-S5

IDENTIFICATIVO:

10a-STR
Rodari

NOME FILE: TAV10-SRT.dwg

DATA: 04/07/2019

SCALA: 1:10