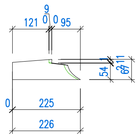
# Piatti di nodo

***Piatti collegamento tra profili principali***

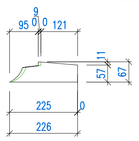
Tipo acciaio: S355J0

Scala 1:10

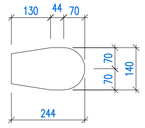
2x LAM10x67 **5**



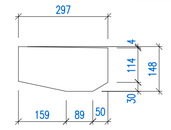

2x LAM10x67 **6**



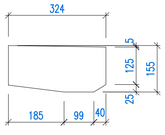

10x LAM15x140 **p1**



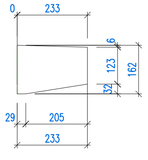

8x LAM15x148 **p2**



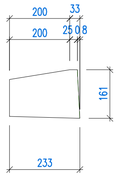

8x LAM15x155 **p3**



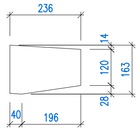

6x LAM20x162 **p6**



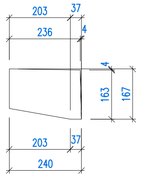

4x LAM15x161 **p7**



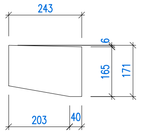

4x LAM15x163 **p8**




4x LAM15x167 **p9**



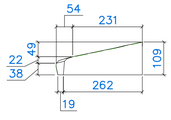

4x LAM15x171 **p10**



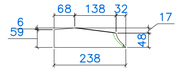

2x LAM10x109 **p22**



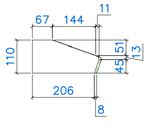

2x LAM10x109 **p23**



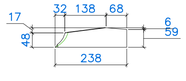

2x LAM10x66 **p31**



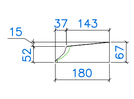

2x LAM10x110 **p24**



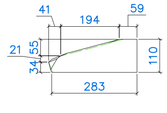

2x LAM10x66 **p32**



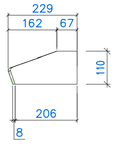

2x LAM10x67 **p33**



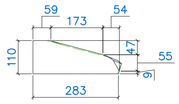

2x LAM10x110 **p25**



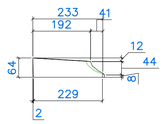

2x LAM10x110 **p26**




2x LAM10x110 **p27**

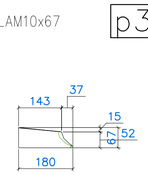



2x LAM10x64 **p29**

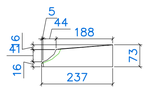



2x LAM10x64 **p30**

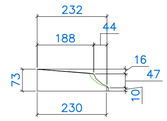
2x LAM10x73 **p34**



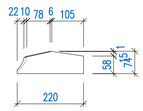

2x LAM10x73 **p35**



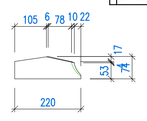

2x LAM10x73 **p36**




2x LAM10x74 **p37**




2x LAM10x74 **p38**




2x LAM10x67 **p34**




2x LAM10x73 **p35**



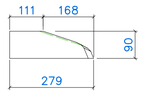

2x LAM10x73 **p36**



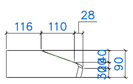

2x LAM10x74 **p37**



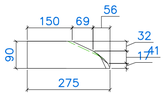

2x LAM10x90 **p42**



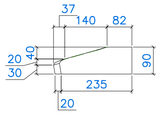

2x LAM10x90 **p43**



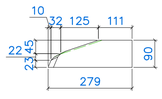

2x LAM10x90 **p44**



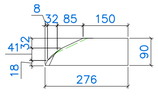

2x LAM10x90 **p45**



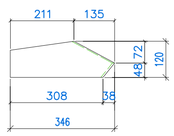

2x LAM10x90 **p46**



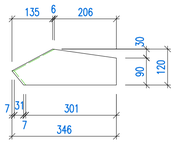

2x LAM10x90 **p47**



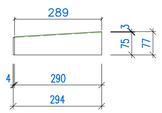

2x LAM10x120 **p58**



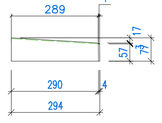

2x LAM10x120 **p59**




1x LAM10x77 **p64**




1x LAM10x77 **p65**

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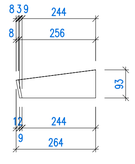
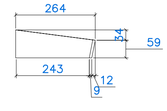
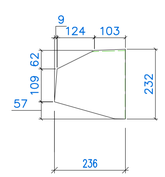


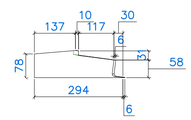

1x LAM10x93 **p67**



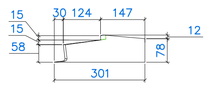

1x LAM15x232 **p69**



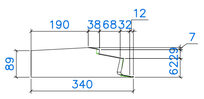

1x LAM15x90 **p70**



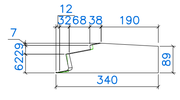

1x LAM15x90 **p71**



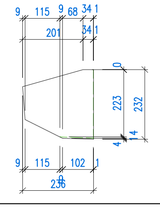

1x LAM15x99 **p72**



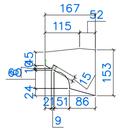

1x LAM15x99 **p73**



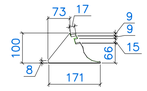

1x LAM15x232 **p68**



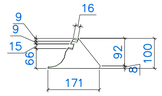

1x LAM8x157 **p77**



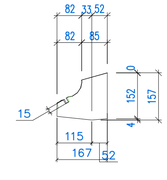

1x LAM8x100 **p80**




1x LAM8x100 **p81**




1x LAM8x157 **p76**




NOTA SULLE SALDATURE: In mancanza di diverse indicazioni le saldature dovranno essere realizzate in continuo su tutti gli spigoli di contatto, a cordone d'angolo o a completa penetrazione (a seconda dei dettagli di nodo)

Prima di procedere con l'esecuzione delle carpenterie, sarà onere dell'impresa verificare le misure direttamente in cantiere.

## MATERIALI *(ove non specificato diversamente):*

**Bulloneria:**

*Ad alta resistenza classe 8.8 (punto 11.3.4.6 – D.M. 17/01/2018) (UNI EN 15048-1:2007)*

compositore: *1 vite + 2 rosette + 1 dado*

*VITI: 8.8 secondo UNI EN ISO 898-1:2001*

*DADI: 8-10 secondo UNI EN 20898-2:1994*

*ROSETTE: Acciaio C50 UNI EN 10083-2:2006 temprato e rinvenuto HRC 32/40*

*PIASTRINE: Acciaio C50 UNI EN 10083-2:2006 temprato e rinvenuto HRC 32/40*

- foro ⌀13 per M12
- foro ⌀15 per M14
- foro ⌀17 per M16
- foro ⌀19 per M18
- foro ⌀21 per M20
- foro ⌀23,5 per M22
- foro ⌀25,5 per M24
- foro ⌀28,5 per M27
- foro ⌀31,5 per M30

| | | |
|---|---|---|
| M12 | coppia di serraggio | 90 Nm |
| M14 | coppia di serraggio | 144 Nm |
| M16 | coppia di serraggio | 225 Nm |
| M18 | coppia di serraggio | 309 Nm |
| M20 | coppia di serraggio | 439 Nm |
| M22 | coppia di serraggio | 597 Nm |
| M24 | coppia di serraggio | 759 Nm |
| M27 | coppia di serraggio | 1110 Nm |
| M30 | coppia di serraggio | 1508 Nm |

*1 Nm ≈ 0,1 kg m*

**Profilati e Lamiere:**

*Acciaio: S235J0–S275J0–S355NJ0*

*PROFILATI/LAMIERE secondo UNI EN 10025*

*PROTEZIONE: ZINCATURA A CALDO*

*SALDATURE A CORDONI D'ANGOLO SECONDO IL SEGUENTE SCHEMA:*

$t_2 \leq t_1$ $\quad a = 1.0 x t_2$ (punti 4.2.8.2 e 11.3.4.5 del D.M. 17 gennaio 2018)

*SALDATURE A COMPLETA PENETRAZIONE SECONDO IL SEGUENTE SCHEMA:*

$d = 1.3 x t$ (punti 4.2.8.2 e 11.3.4.5 del D.M. 17 gennaio 2018)


**Ing. Giovanni Corti**

*INGEGNERE CIVILE*

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Finanziato dall'Unione europea
NextGenerationEU

Comune di Certaldo

**PROGETTO:**

INTERVENTO DI ADEGUAMENTO STATICO E SISMICO DELLA PASSERELLA PEDONALE SUL TORRENTE AGLIENA TRA VIA TRENTO E VIA B. CIARI

*Progetto ESECUTIVO*

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COLLABORATORI

SCALA 1:10

DATA Marzo 2022

TAV. **S56**

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|---|---|
| COMUNE | Certaldo |
| LOCALITA' | Via B. Ciari – Via Trento |
| STAZ. APPALTANTE | Comune di Certaldo |
| ELABORATO | IMPALCATO Campata "C" – Dettagli degli elementi metallici Sviluppi dei piatti dei nodi |

| STAZ. APPALTANTE | COSTRUTTORE | PROGETTISTA | DIRETTORE LAVORI |
|---|---|---|---|
| Comune di Certaldo | | Ing. Giovanni Corti | |