

PLANIMETRIA DISPOSIZIONE TRAVI (misure in cm)

scala 1:50

BRESCIA

ASSE MANUFATTO = ASSE STRADALE

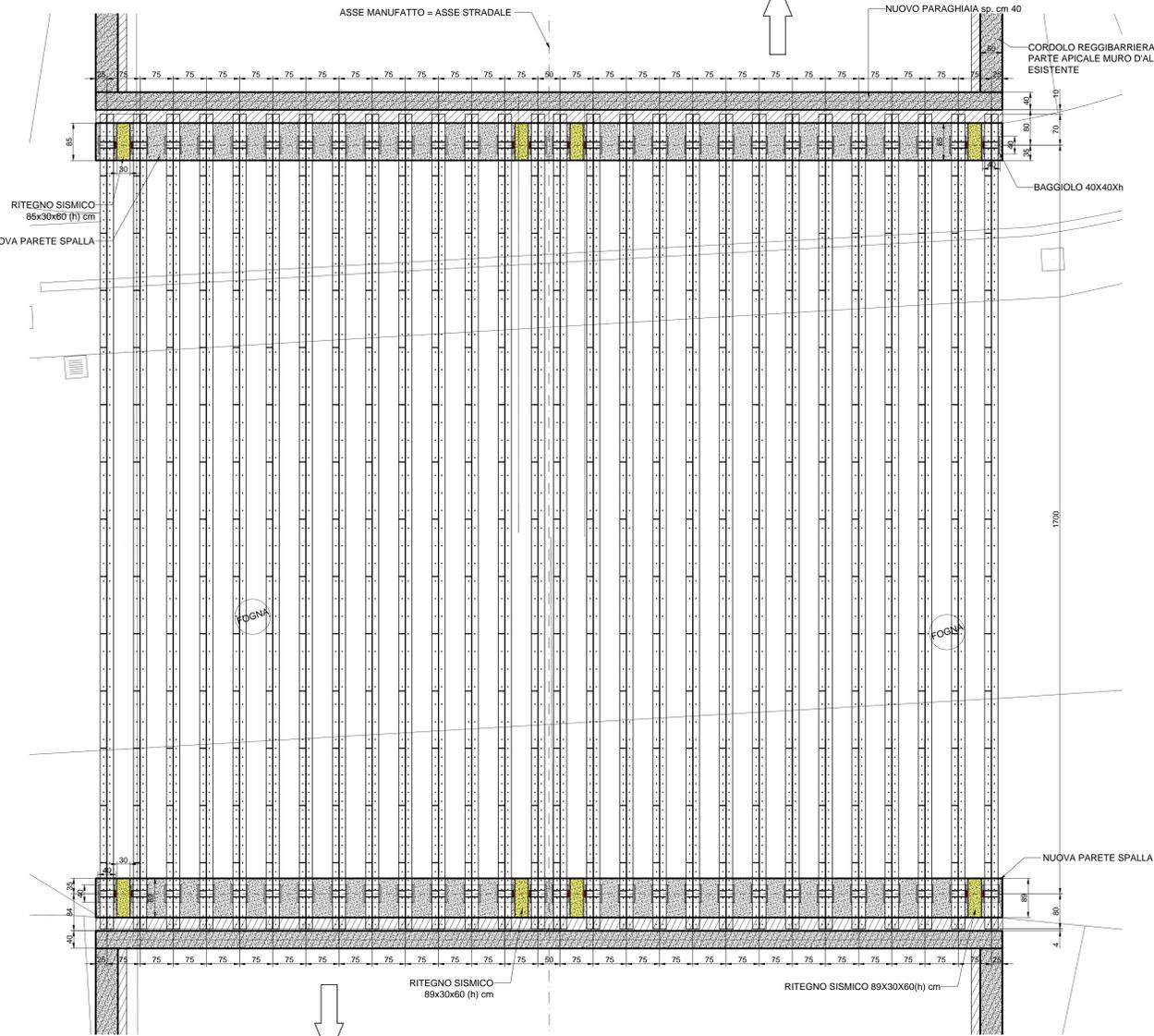
NUOVO PARAGHIAIA sp. cm 40

CORDOLO REGGIBARRIERA SU PARTE APICALE MURO DALA ESISTENTE

BAGGIOLO 40X40h

RITEGNO SISMICO 85x30x80 (h) cm

NUOVA PARETE SPALLA



FORNACI

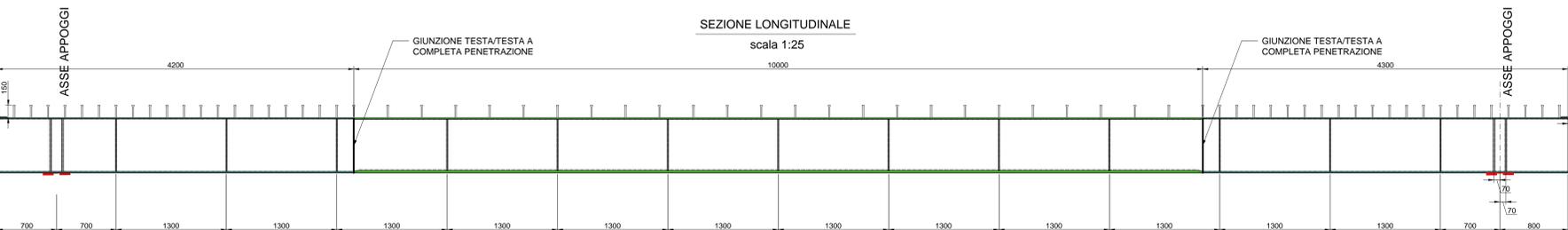
RITEGNO SISMICO 89x30x60 (h) cm

RITEGNO SISMICO 89x30x60 (h) cm

SEZIONE LONGITUDINALE

scala 1:25

BRESCIA



FORNACI

TIPOLOGIA CONCI	1	2	3
LUNGHEZZA CONCI (in asse struttura)	4200	10000	4300
PIATTABANDA SUPERIORE	300X10	300X15	300X10
ANIMA	625X12	610X10	625X12
PIATTABANDA INFERIORE	300X15	300X25	300X15
STIFFNER TRASVERSALI	2X144x625X14 130x625X10	130x625X10	2X144x625X14 130x625X10
ARMATURA LONGITUDINALE SOLETTA		ø14/20" SUP ø14/20" INF	
ARMATURA TRASVERSALE SOLETTA	ø12/10" SUP e INF (INDEFINITA) ø16/10" SUP E INF (SBALZI)	ø12/20" SUP e INF (INDEFINITA) ø16/20" SUP E INF (SBALZI)	ø12/10" SUP e INF (INDEFINITA) ø16/10" SUP E INF (SBALZI)
PIOLI NELSON ø 16 H=cm 150	2/200	2/400	2/200
CONTROMONTA (in asse struttura)	0	+13.6	+13.6

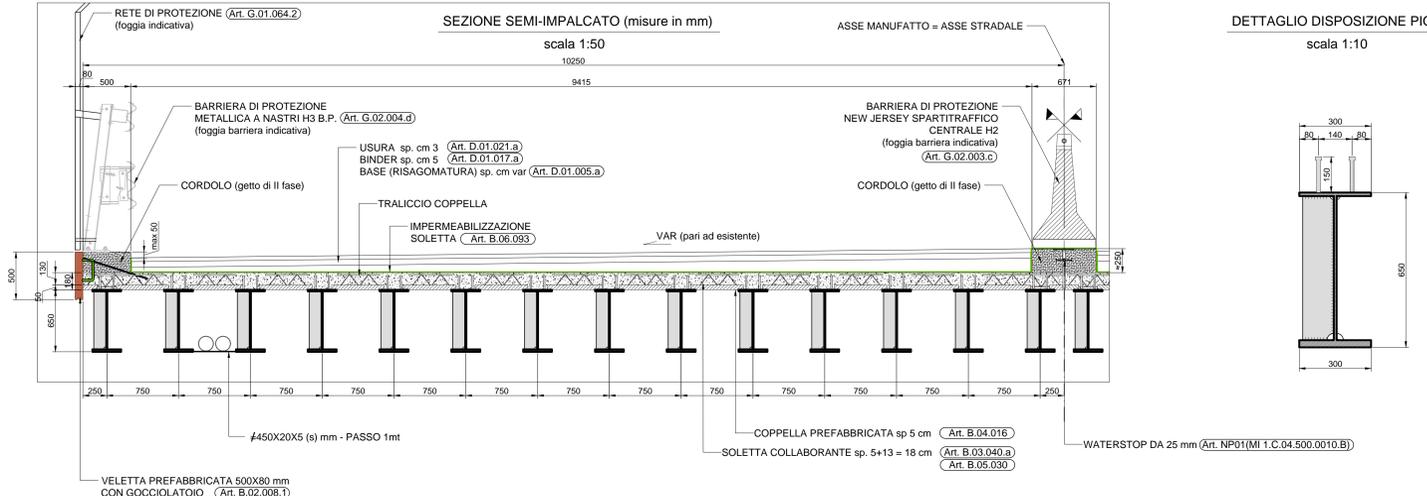
SEZIONE SEMI-IMPALCATO (misure in mm)

scala 1:50

ASSE MANUFATTO = ASSE STRADALE

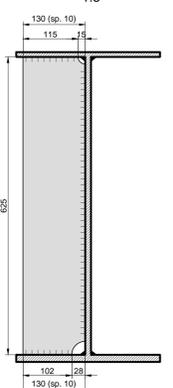
DETTAGLIO DISPOSIZIONE PIOLI

scala 1:10



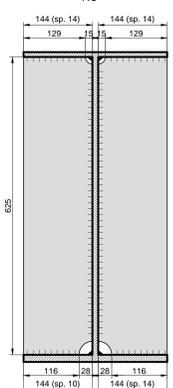
DETTAGLIO STIFFNER CONCI 1-3

1:5



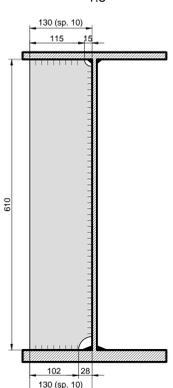
DETTAGLIO STIFFNER ALL'APPOGGIO

1:5



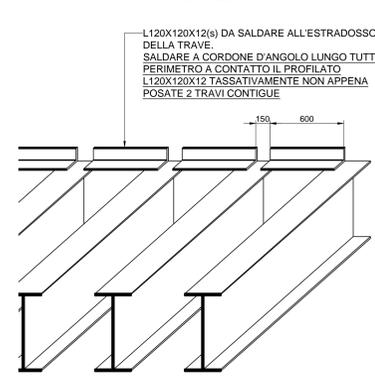
DETTAGLIO STIFFNER CONCIO 2

1:5



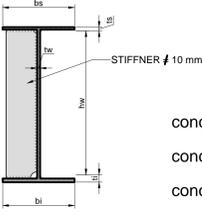
PRESCRIZIONI VARO TRAVI

scala 1:20



SCHEMA TRAVI PRINCIPALI

scala 1:10



	bi (mm)	ti (mm)	hw (mm)	tw (mm)	bs (mm)	ts (mm)
concio 1	300	15	625	12	300	10
concio 2	300	25	610	10	300	15
concio 3	300	15	625	12	300	10

**NOTA**

IL COSTRUTTORE DOVRA' PREDISPORRE IL PROGETTO COSTRUTTIVO NONCHE' TUTTI GLI ELABORATI DI OFFICINA, COMPLETI DEGLI SCHEMI DI TAGLIO DELLE LAMIERE IN FUNZIONE DELLE CONTROMONTE

IL COSTRUTTORE, IN BASE ALL'APPOGGIO SCELTO, DOVRA' RICALCOLARE TUTTE LE CONTROMONTE AL FINE DI ASSICURARE

- IL RISPETTO DELLE QUOTE DI PROGETTO
- LA PLANARITA' DELL'APPOGGIO

**MATERIALI: NOTE E PRESCRIZIONI**

Tutti i materiali dovranno comunque essere approvati in accordo con D.M. 14/01/2008 e UNI EN 1090

**ACCIAIO DA CARPENTERIA**

Acciaio ad alto tenore di carbonio tipo CQR-T01

- Elementi saldati in acciaio con sp. ≤ 20mm S235J0W+N
- Elementi saldati in acciaio con sp. > 20mm S355J2W+N
- Elementi saldati in acciaio con sp. > 40mm S355J2W+N
- Elementi non saldati, angolari e piastre solette, S235J0W+N
- Elementi non saldati, angolari e piastre solette, S355J0W+N
- Elementi non saldati, angolari e piastre solette, S355J0W+N
- Elementi non saldati, angolari e piastre solette, S355J0W+N

La tensione di snervamento nelle prove meccaniche nonche' il CEV nell'analisi chimica dovranno essere nei limiti della UNI EN 10025-5.

Le tolleranze dimensionali per lamiera e profili dovranno rispettare i limiti prescritti dalla UNI EN 10029 con classe di tolleranza minima A o B.

Tutti i materiali dovranno essere marchiati CE e corredati di certificati e documenti di tracciabilità come previsto da UNI EN 1090-1.

**CLASSE DI ESCLUSIONE DELLE OPERE IN ACCIAIO SECONDO UNI EN 1090-2**

Classe di conseguenza CC2

Categoria di servizio S2

Categoria di produzione PC2

Classe di esecuzione EXC3

**BULLONI**

- CL 10.9 Secondo DM 14/01/2008 - UNI EN 14399-1
- I collegamenti bullonati ad attrito devono essere a serraggio controllato.
- Tutti i collegamenti soggetti ad inversioni di sforzi dovranno essere previsti ad attrito.
- Le superfici a contatto per giunzione ad attrito α=0,30
- Pretraccio secondo DM 14/01/2008 - UNI EN 14399-1
- Coppie di serraggio secondo C.4.2.8 Circolare 02/02/2009 n° 617
- Per le giunzioni a taglio le coppie di serraggio devono essere la stessa prevista per le giunzioni ad attrito. In caso si adottino coppie minori dovranno essere previsti opportuni sistemi antiscivolo.

**SALDATURE**

Secondo DM 14/01/2008

I giunti delle travi principali, se non diversamente indicato, sono previsti saldati a piena penetrazione di 1° classe

Procedure di saldatura omologate e qualificate secondo D.M. 14/01/2008

Saldatura a doppio cordone d'angolo con giunzione al perimetro del pezzo da saldare, ove non diversamente indicato

Devono essere assicurato la completa fusione dei vertici dei cordoni d'angolo nelle saldature di forza ed in ogni caso ne dovranno essere riportate le irregolarità

Devono essere adottate le più opportune cautele per evitare la possibilità di formazione di strappi lamellari. Saldature a completo ripartito ove non diversamente indicato con i seguenti dettagli tipologici:

I cordoni indicati nelle tavole di dettaglio sono verificati secondo le necessità statiche.

Se non diversamente indicato le giunzioni delle travi principali realizzate mediante saldatura a piena penetrazione di 1° cl. dovranno essere effettuate da entità I, II, III, IV, V, VI, VII, VIII, IX, X, XI, XII, XIII, XIV, XV, XVI, XVII, XVIII, XIX, XX, XXI, XXII, XXIII, XXIV, XXV, XXVI, XXVII, XXVIII, XXIX, XXX, XXXI, XXXII, XXXIII, XXXIV, XXXV, XXXVI, XXXVII, XXXVIII, XXXIX, XL, XLI, XLII, XLIII, XLIV, XLV, XLVI, XLVII, XLVIII, XLIX, L, LI, LII, LIII, LIV, LV, LVI, LVII, LVIII, LIX, LX, LXI, LXII, LXIII, LXIV, LXV, LXVI, LXVII, LXVIII, LXIX, LXX, LXXI, LXXII, LXXIII, LXXIV, LXXV, LXXVI, LXXVII, LXXVIII, LXXIX, LXXX, LXXXI, LXXXII, LXXXIII, LXXXIV, LXXXV, LXXXVI, LXXXVII, LXXXVIII, LXXXIX, XL, XLI, XLII, XLIII, XLIV, XLV, XLVI, XLVII, XLVIII, XLIX, L, LI, LII, LIII, LIV, LV, LVI, LVII, LVIII, LIX, LX, LXI, LXII, LXIII, LXIV, LXV, LXVI, LXVII, LXVIII, LXIX, LXX, LXXI, LXXII, LXXIII, LXXIV, LXXV, LXXVI, LXXVII, LXXVIII, LXXIX, LXXX, LXXXI, LXXXII, LXXXIII, LXXXIV, LXXXV, LXXXVI, 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