TUNNEL EURALPIN LYON TURIN

SITAF S.p.A

NUOVA LINEA TORINO LIONE - NOUVELLE LIGNE LYON TURIN
PARTE COMUNE ITALO-FRANCESE - PARTIE COMMUNE FRANCO-ITALIENNE
SEZIONE TRANSFRONTALIERA PARTE IN TERRITORIO ITALIANO
SECTION TRANSFRONTALIERE PARTIE EN TERRITOIRE ITALIEN

LOTTO COSTRUTTIVO 1/LOT DE CONSTRUCTION 1
CANTIERE OPERATIVO 04C/CHANTIER DE CONSTRUCTION 04C
SVINCOLO DI CHIOMONTE IN FASE DI CANTIERE -
ECHANGEUR DE CHIOMONTE DANS LA PHASE DE CHANTIER
PROGETTO ESECUTIVO - ETUDES D'EXECUTION
CUP C11J05000030001 - CIG 6823295927

PROGETTO STRADALE

Particolari barriere di sicurezza

Indice	Date / Data	Modifications / Modifiche	Etabli par / Concepito da	Vérifié par / Controllato da	Autorisé par / Autorizzato da
0	30/04/2017	Prima emissione Première diffusion	L.BARBERIS (Musinet Eng.)	L.BARBERIS (Musinet Eng.)	F.D'AMBRA (Musinet Eng.)
A	30/09/2017	Revisione a seguito commenti TELT Rèvision suite aux commentaires TELT	L.BARBERIS (Musinet Eng.)	L.BARBERIS (Musinet Eng.)	F.D'AMBRA (Musinet Eng.)
B	29/06/2018	Modifica tItolo progetto Modifications titre du project	G.QUARANTA (MUSINET ENG.)	L.BARBERIS (MUSINET ENG.)	L.BARBERIS (MUSINET ENG.)

Cat. Lav. Cat. Trav.	Lotto/Lot	Contratto/Contrat	Opera/Oeuvre	Tratto Tronçon	Parte Partie
1	04C	C1616	6NV02	R	0

Fase Phase	Tipo documento Type de document	Oggetto Object	Numero documento Numéro de document	Indice Index
E	PC	OC	0218	B

SCALA / ÉCHELLE

VARIE

IL PROGETTISTA/LE DESIGNER

Dott. Arch. Corrado GIOVANNETTI
Albo di Torino
N° 2736

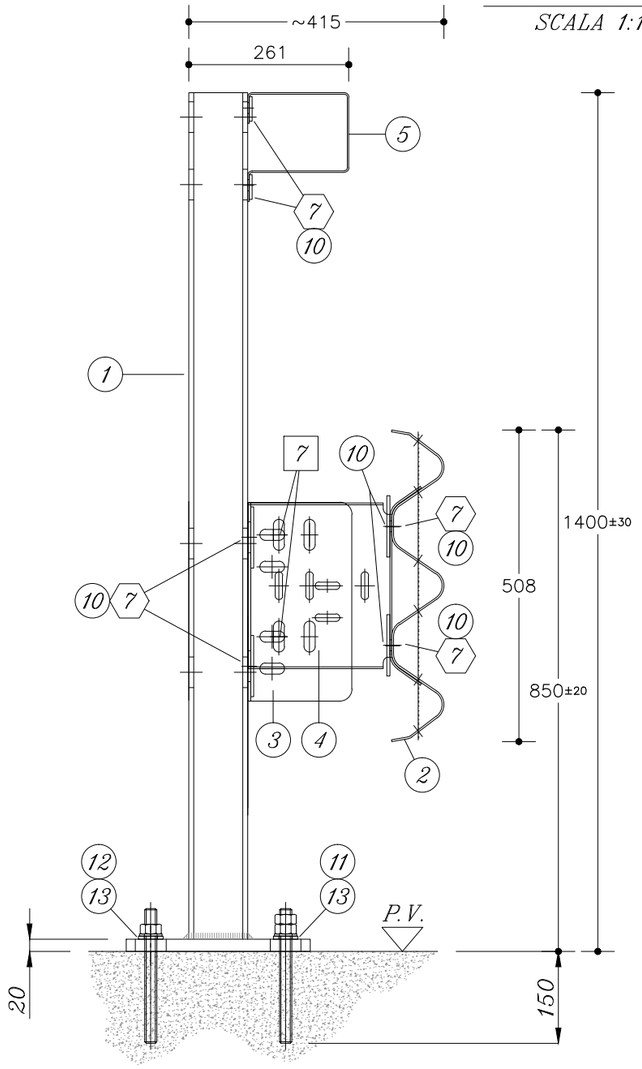
L'APPALTATORE/L'ENTREPRENEUR

IL DIRETTORE DEI LAVORI/LE MAÎTRE D'ŒUVRE

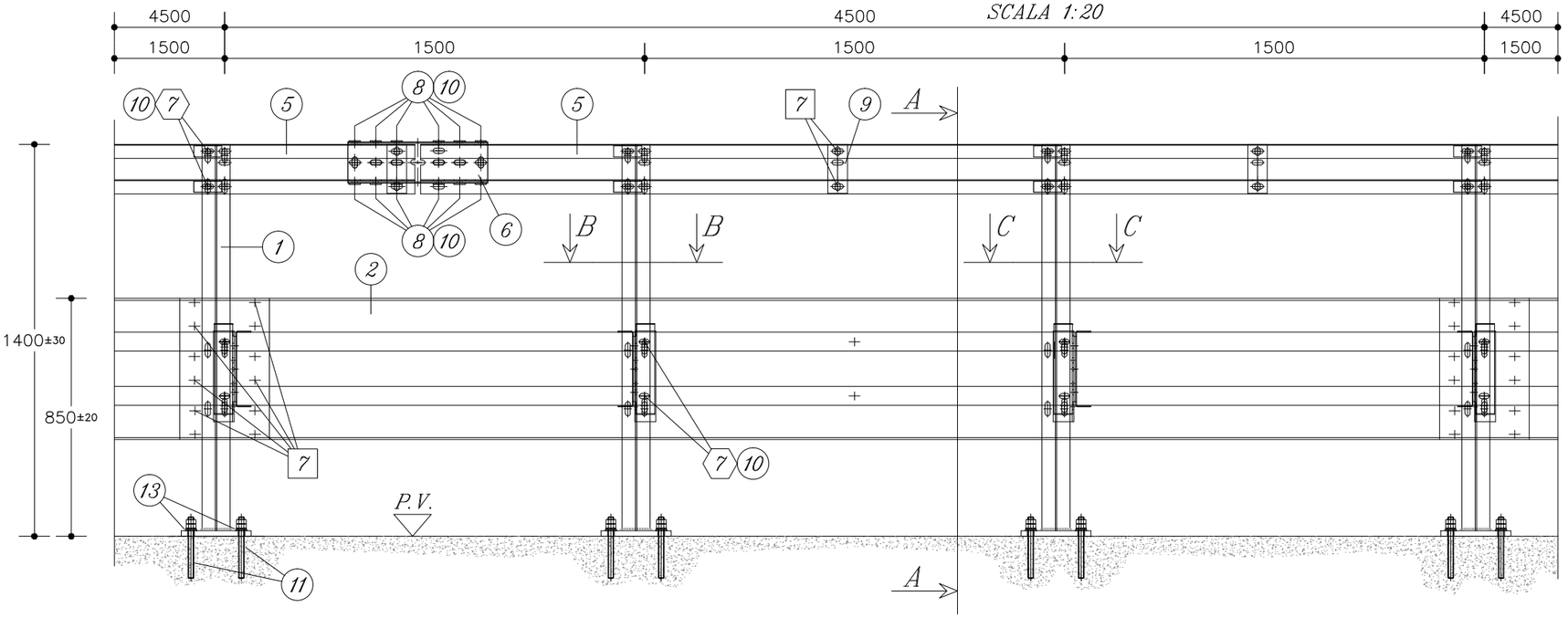
TELT sas - Savoie Technolac - Bâtiment "Homère" -
13 allée du Lac de Constance CS 90281 - 73375 Le Bourget du Lac cedex (France)
Tél.: +33 (0) 4.79.68.56.50 - Fax: +33 (0) 4.79.68.56.75
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Propriété TELT Tous droits réservés - Proprietà TELT Tutti i diritti riservati

SITAF Spa - Fr. San Giuliano, 2 - 10059 Susa TO (Italia)
Tel.: +39 (0) 0122.621.621 - Fax: +39 (0) 0122.622.036
C.F. e P.IVA 00513170019
Propriété SITAF Tous droits réservés - Proprietà SITAF Tutti i diritti riservati

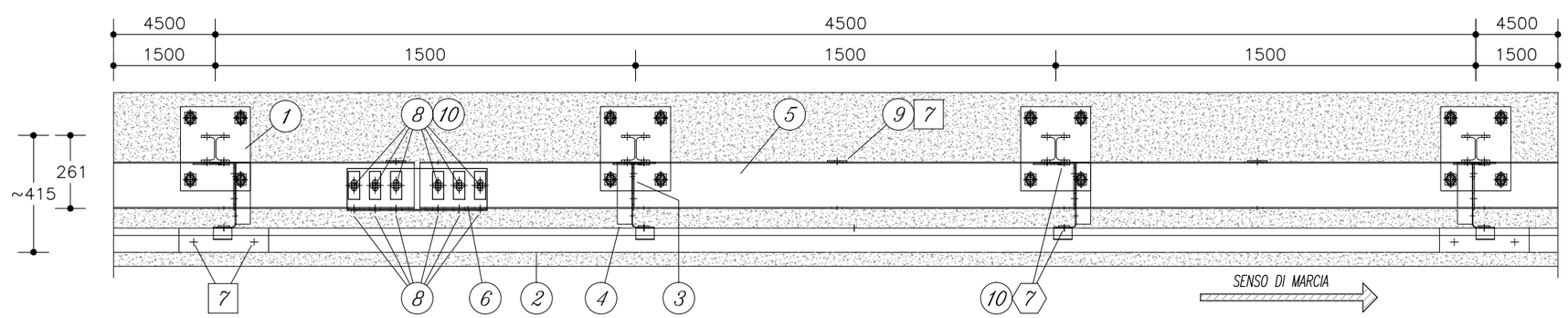
SEZIONE A–A
SCALA 1:10



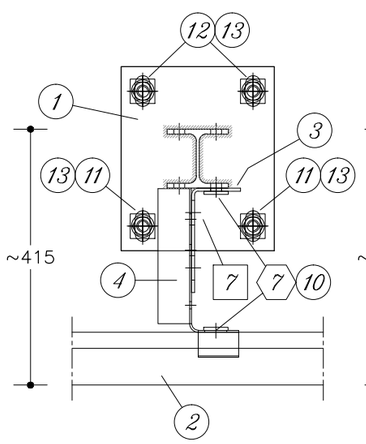
PROSPETTO TIPO
SCALA 1:20



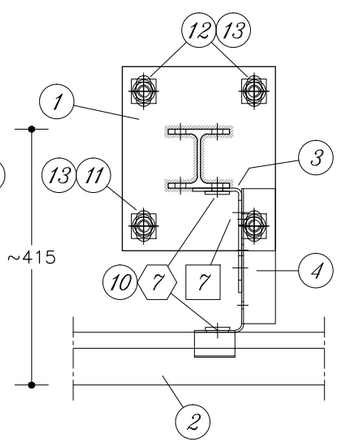
PIANTA
SCALA 1:20



SEZIONE B–B
SCALA 1:10



SEZIONE C–C
SCALA 1:10



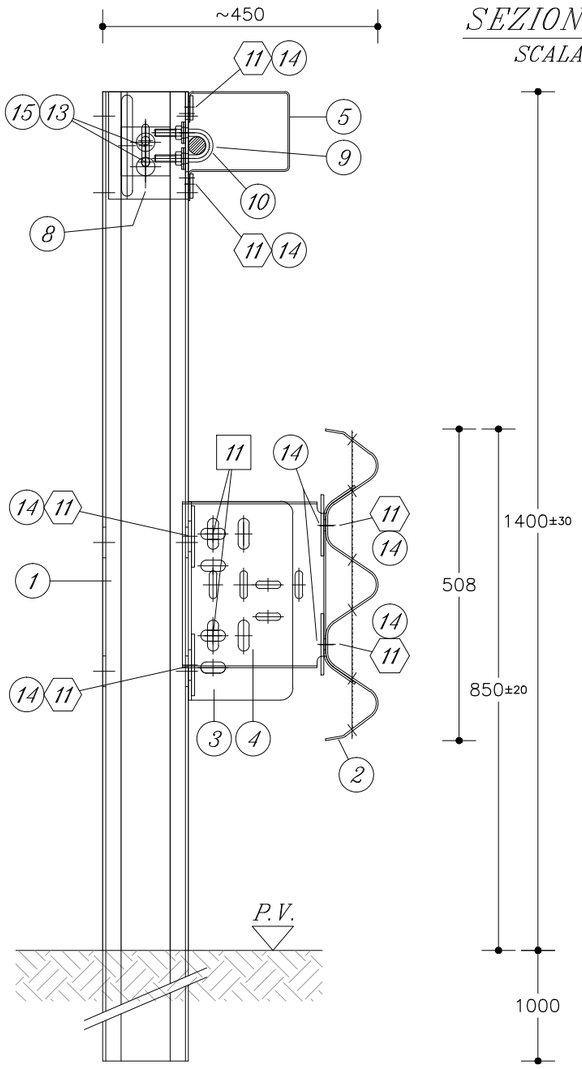
(*)= 7 M16x30 T.T. classe 6.8
(*)= 7 M16x45 T.T. classe 6.8

POS.	DESCRIZIONE COMPONENTI	MATERIALE
1	PALO HEA 100 H=1380 + p. 300x250x20	S275JR
2	NASTRO 3 ONDE INT.4500 Sp.2.5 mm	S235JR
3	SUPPORTO "L" 170x80 H=324 Sp.5.0mm	S235JR
4	DISTANZIATORE NASTRO 3 ONDE	S235JR
5	TRAVE SUPERIORE 50x165x130 Sp. 3.5 L=4480	S235JR
6	MANICOTTO U 146x150 Sp.4.0 L=500 ESTERNO	S235JR
7	BULLONI M16 T.T. (*)	CLASSE 6.8
8	BULLONI M16 T.T.D.E.	CLASSE 8.8
9	RINFORZO TRAVE SUPERIORE 70x5 L=175	S235JR
10	PIASTRINA COPRIASOLA 100x40x5	S235JR÷S355JR
11	TIRAFONDI M20x220 CON N° 2 DADI E RONDELLA	CLASSE 8.8
12	TIRAFONDI M20x220 CON DADO E RONDELLA	CLASSE 8.8
13	PIASTRINA 40x40x5	S235JR

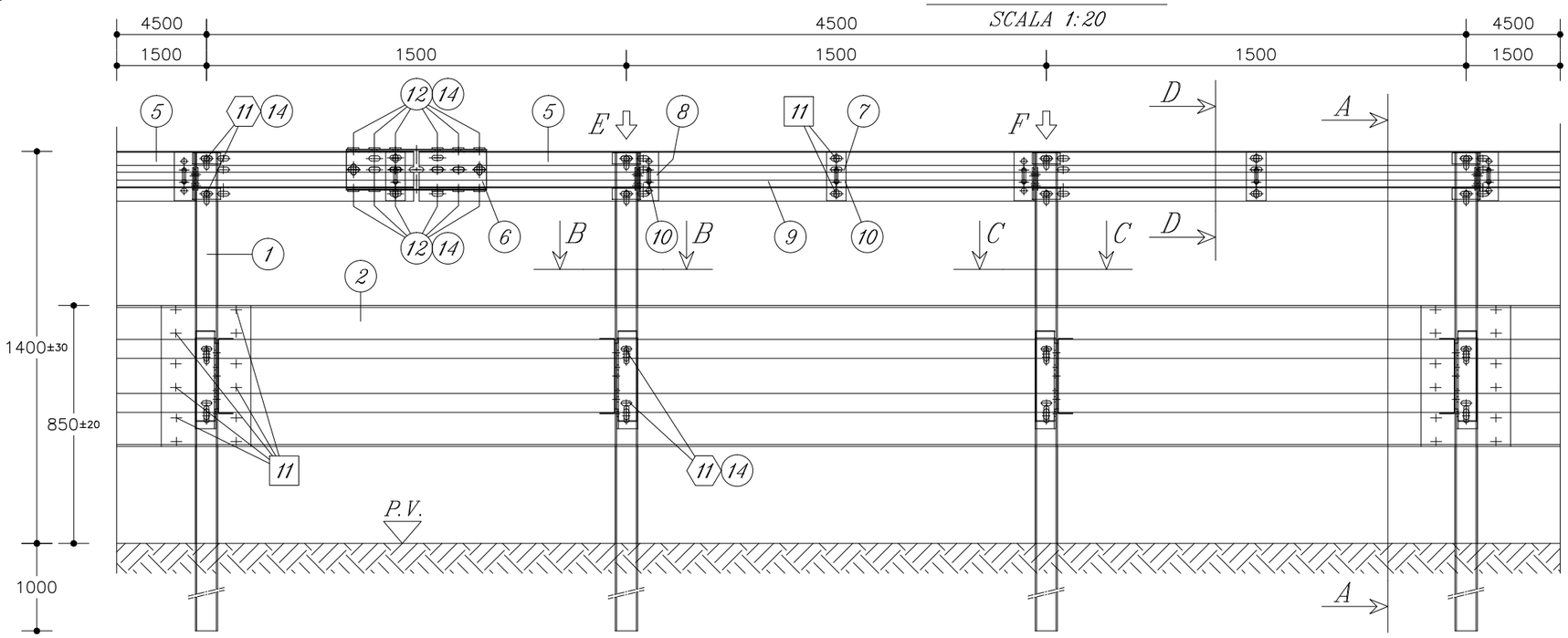
POS.	BULLONE TIPO	UTILIZZO PER GIUNZIONE	COPPIA DI SERRAGGIO (Nm)	
			Minima	Media
7	M16x30 T.T. classe 6.8	nastro/nastro	80	95
7	M16x45 T.T. classe 6.8	nastro/distanziatore	90	100
7	M16x45 T.T. classe 6.8	supporto "L"/palo	80	90
7	M16x45 T.T. classe 6.8	palo/trave sup.	70	100
8	M16x40 T.T. classe 8.8	trave sup./manicotto coll.	60	70
7	M16x30 T.T. classe 6.8	trave sup./rinforzo trave	60	70
11 12	Tirafondo M20 classe 8.8		150	160

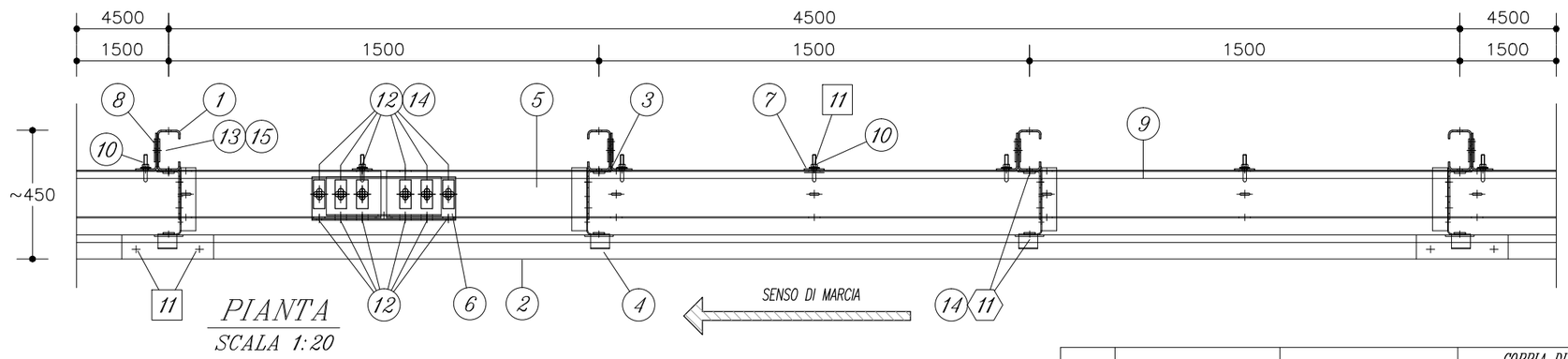
BARRIERA H4 BORDO PONTE

SEZIONE A–A
SCALA 1:10



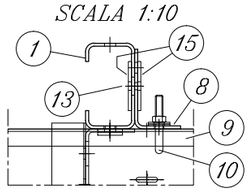
PROSPETTO TIPO
SCALA 1:20



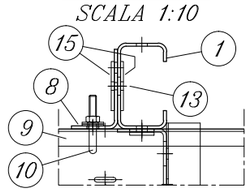


PIANTA
SCALA 1:20

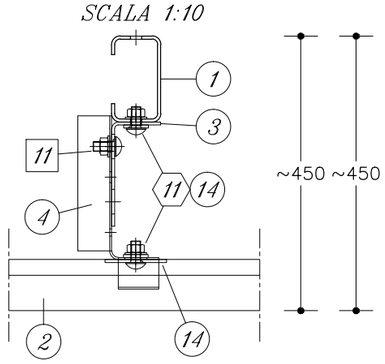
VISTA E
SCALA 1:10



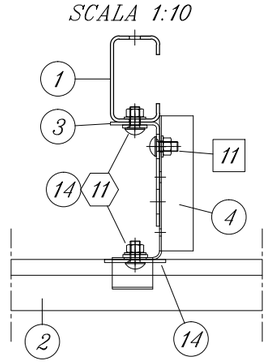
VISTA F
SCALA 1:10



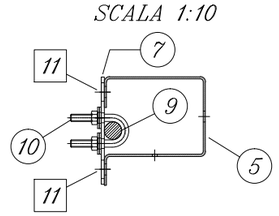
SEZIONE B–B
SCALA 1:10



SEZIONE C–C
SCALA 1:10



SEZIONE D–D
SCALA 1:10



(*)= [11] M16x30 T.T. classe 6.8
(*)= ⟨11⟩ M16x45 T.T. classe 6.8

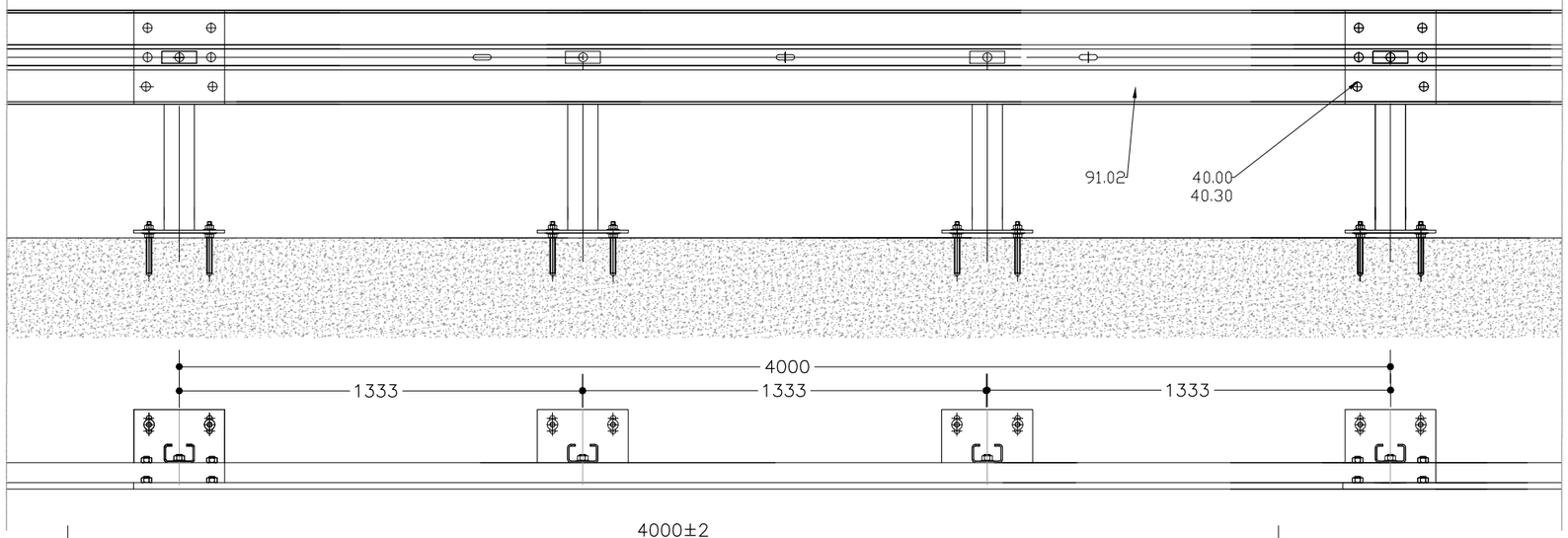
POS.	DESCRIZIONE COMPONENTI	MATERIALE
1	PALO "C" 140x80x30x5 H=2400	S235JR
2	NASTRO 3 ONDE INT.4500 Sp.2.5 mm	S235JR
3	SUPPORTO "L" 170x80 H=324 Sp.5.0mm	S235JR
4	DISTANZIATORE NASTRO 3 ONDE	S235JR
5	TRAVE SUPERIORE 50x165x130 Sp. 3.5 L=4480	S235JR
6	MANICOTTO U 146x150 Sp.4.0 L=500 ESTERNO	S235JR
7	RINFORZO TRAVE SUPERIORE 70x5 L=175	S235JR
8	PROFILO "L" 130x75 H=175 DI APPOGGIO TRAVE SUP.	S235JR
9	FUNE ø28	
10	CAVALLOTTO FISSAGGIO PER FUNE ø28	
11	BULLONE M16 T.T. (*)	CLASSE 6.8
12	BULLONE M16x40 T.T.D.E.	CLASSE 8.8
13	BULLONE M12x30 T.E.	CLASSE 10.9
14	PIASTRINA COPRIASOLA 100x40x5	S235JR
15	PIASTRINA 80x80x5	S235JR

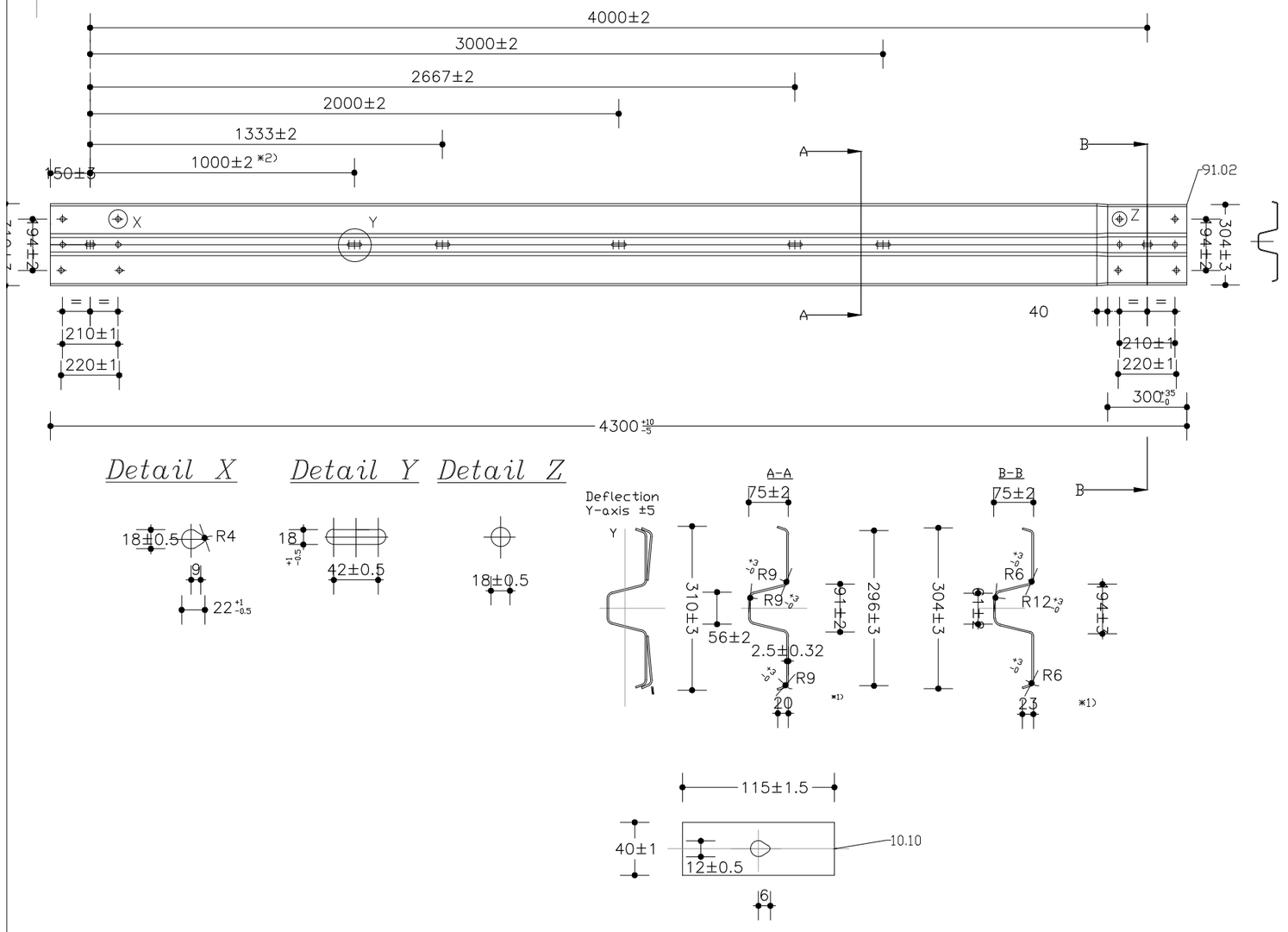
POS.	BULLONE TIPO	UTILIZZO PER GIUNZIONE	COPPIA DI SERRAGGIO (Nm)	
			Minima	Media
[11]	M16x30 T.T. classe 6.8	nastro/nastro	80	95
⟨11⟩	M16x45 T.T. classe 6.8	nastro/distanziatore	90	100
⟨11⟩	M16x45 T.T. classe 6.8	supporto "L"/palo	80	90
⟨11⟩	M16x45 T.T. classe 6.8	palo/trave sup.	70	100
(12)	M16x40 T.T. classe 8.8	trave sup./manicotto coll.	60	70
[11]	M16x30 T.T. classe 6.8	trave sup./rinforzo trave	60	70
(10)	Cavallotto per fune ø28	vari fissaggi fune ø28	60	70
(13)	M12x30 T.E. classe 10.9	palo/appoggio trave	50	60

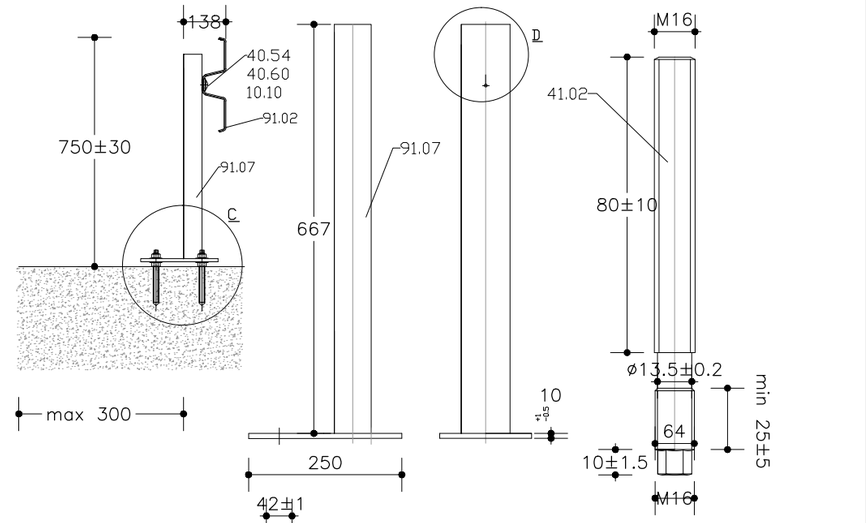
BARRIERA H4 BORDO LATERALE

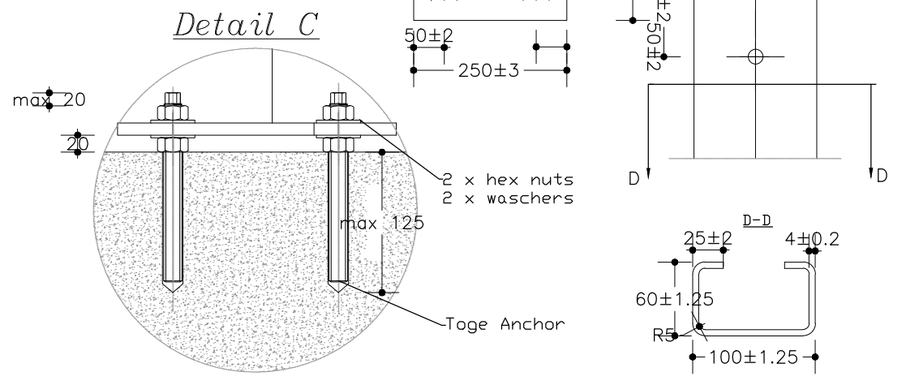
PROSPETTO TIPO

SCALA 1:20

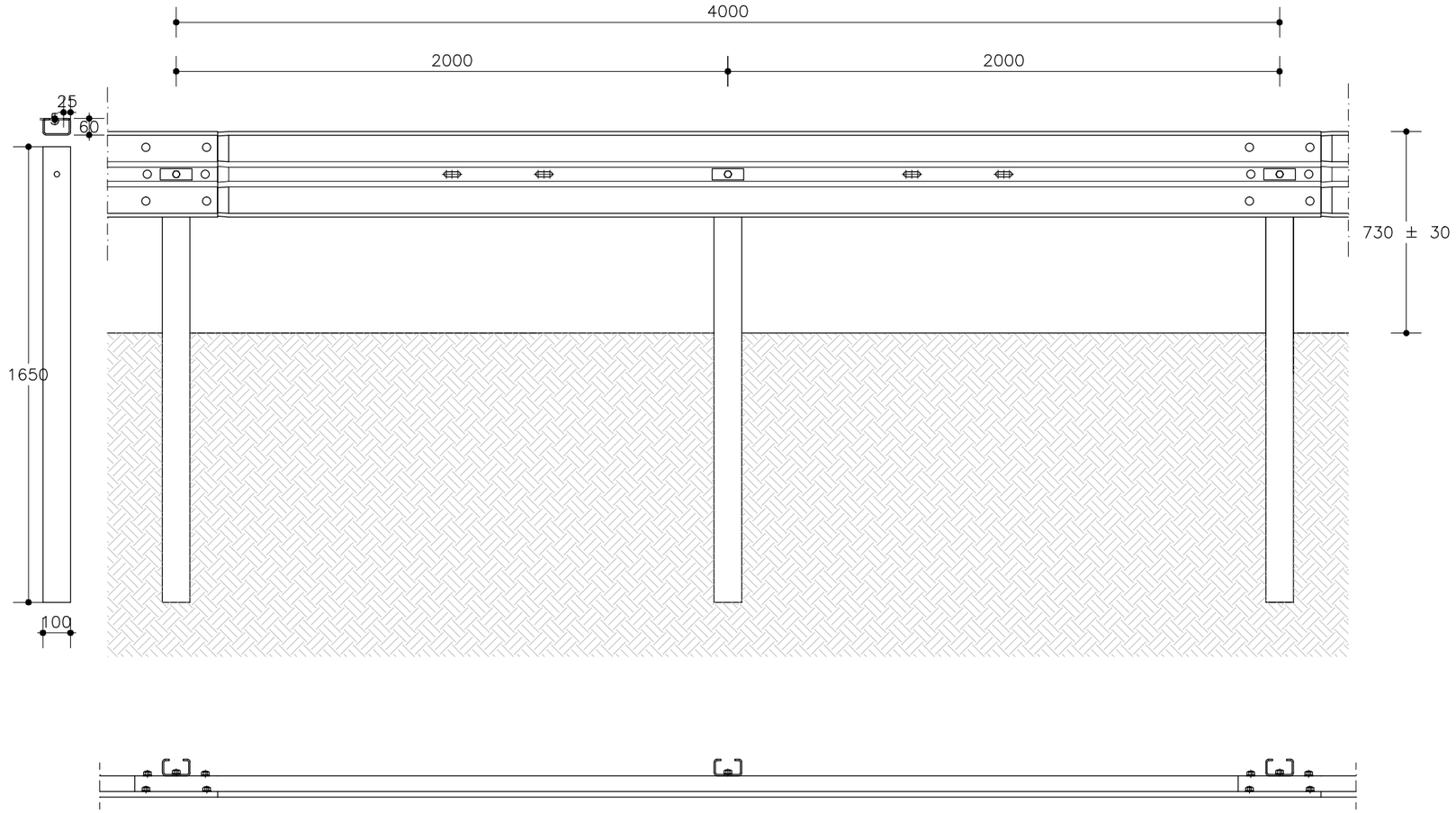




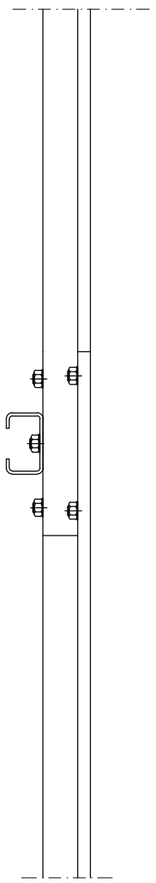


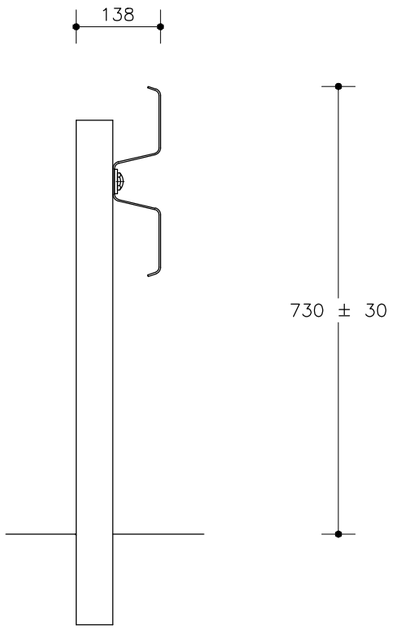


BARRIERA H1 BORDO PONTE IN CORTEN



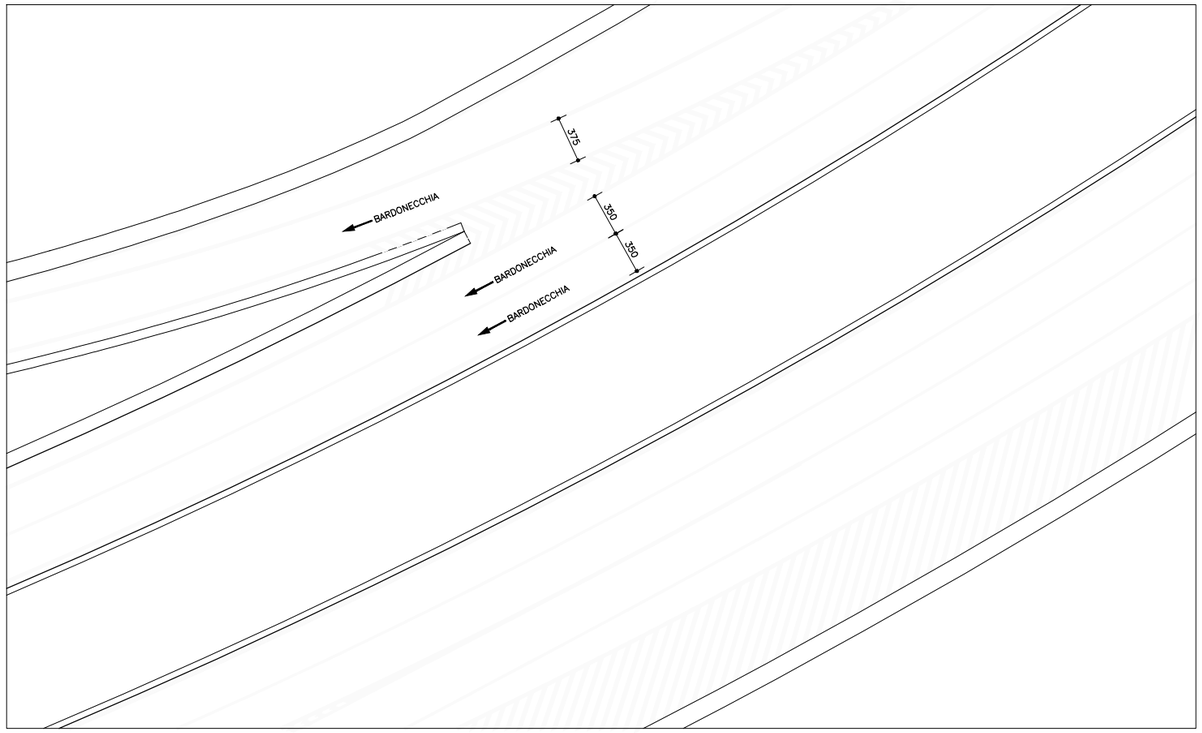
SEZIONE ORIZZONTALE





SEZIONE VERTICALE

BARRIERA H1 BORDO LATERALE IN CORTEN



STRALCIO PLANIMETRICO

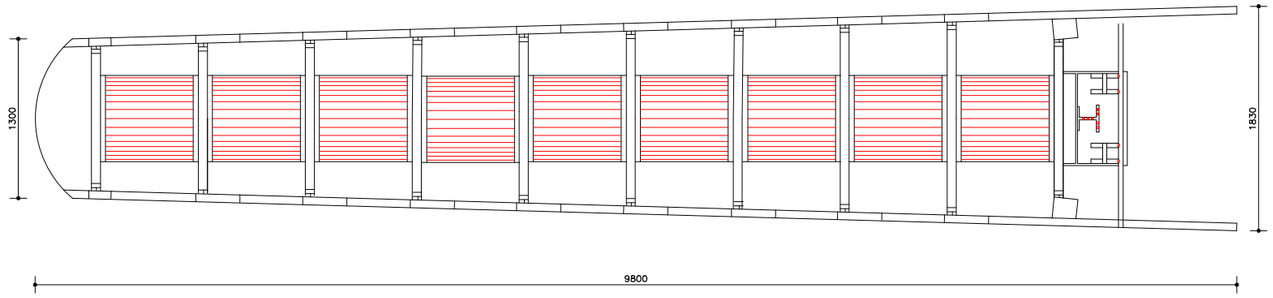
ATTENUATORE D'URTO CLASSE P2

TAU 100 MEDIUM

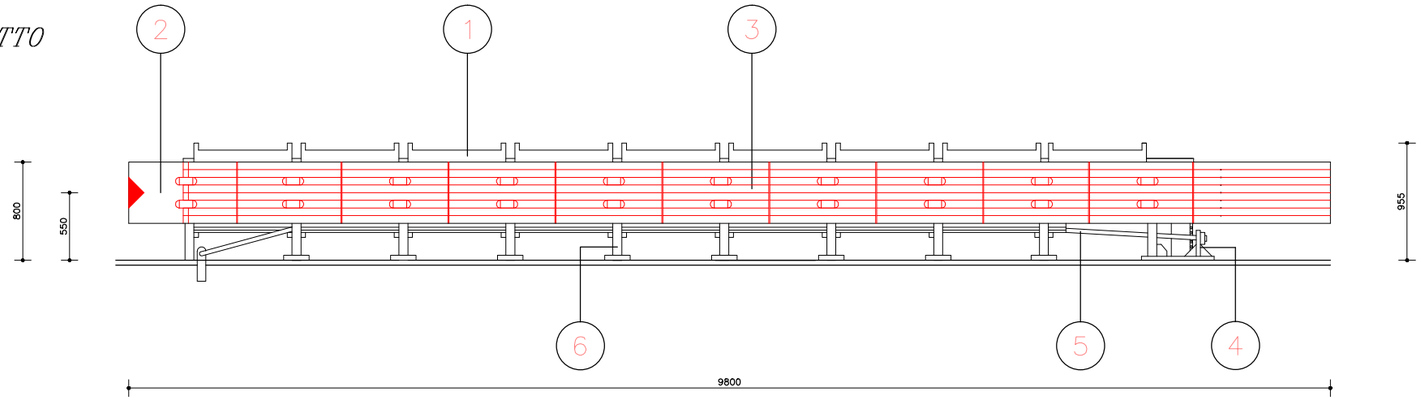
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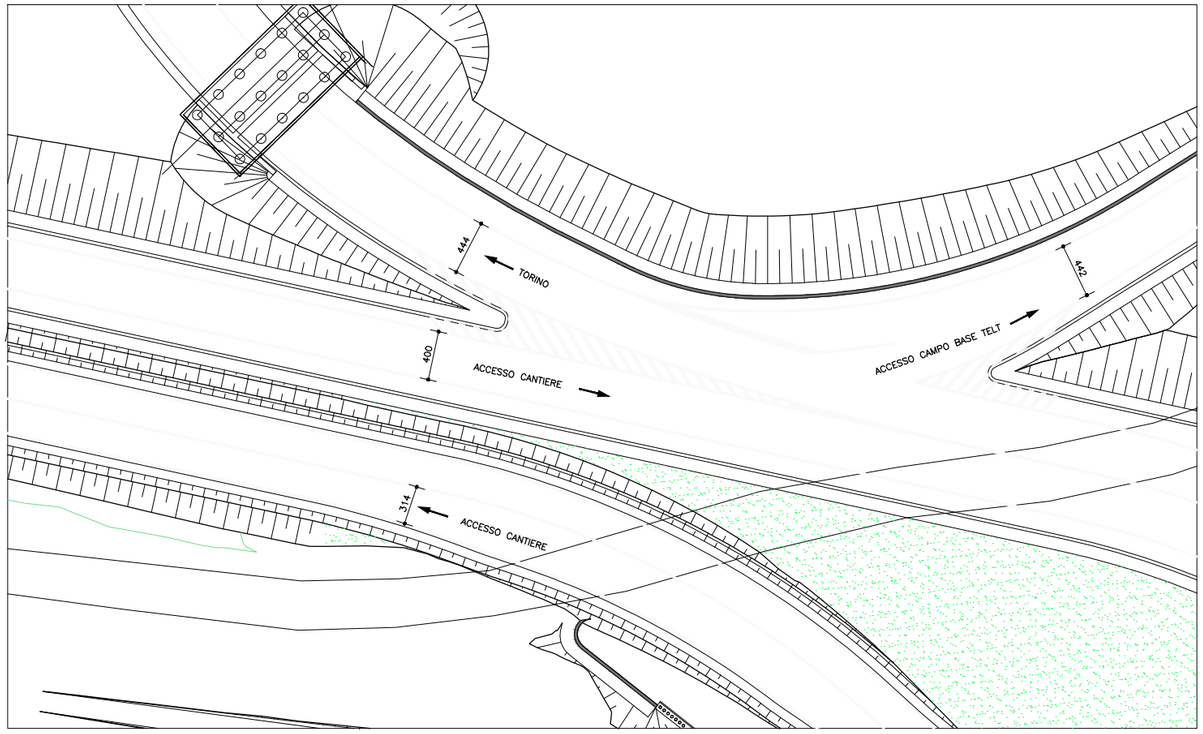
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2. FRONTALE IN POLIETILENE DI COLORE GIALLO CON TRIANGOLI RETRORIFLETTENTI DI COLORE BIANCO
3. ELEMENTI DISSIPATORI PNEUMATICI
4. ANCORAGGIO FISSO
5. N. 2 FUNI IN ACCIAIO ø24
6. PIEDINI SCORREVOLI SUL PIANO DI POSA

PIANTA



PROSPETTO





PIANTA

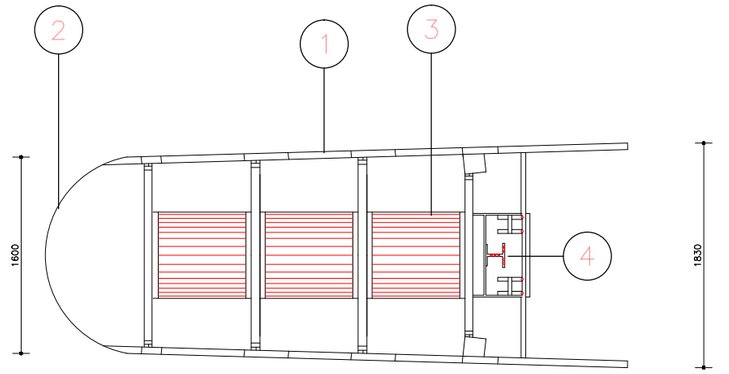
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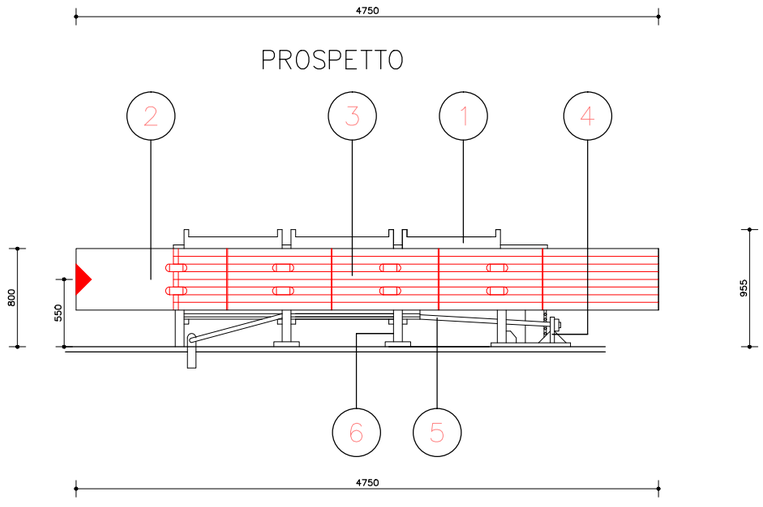
1. ELEMENTI MODULARI COMPONIBILI FORMATI DA TRATTI DI NASTRO DA GUARDIAVIA A TRIPLA ONDA OPPORTUNAMENTE COLLEGATI CON TELAIETTI
2. FRONTALE IN POLIETILENE DI COLORE GIALLO CON TRIANGOLI RETRORIFLETTENTI DI COLORE BIANCO
3. ELEMENTI DISSIPATORI PNEUMATICI
4. ANCORAGGIO FISSO
5. N. 2 FUNI IN ACCIAIO ø24
6. PIEDINI SCORREVOLI SUL PIANO DI POSA

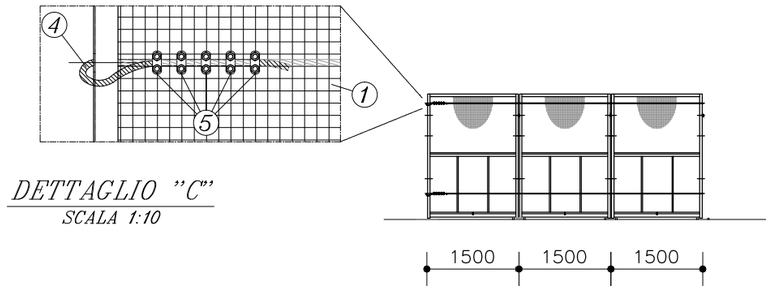
PROSPETTO

ATTENUATORE D'URTO CLASSE P1

TAU 60 MEDIUM

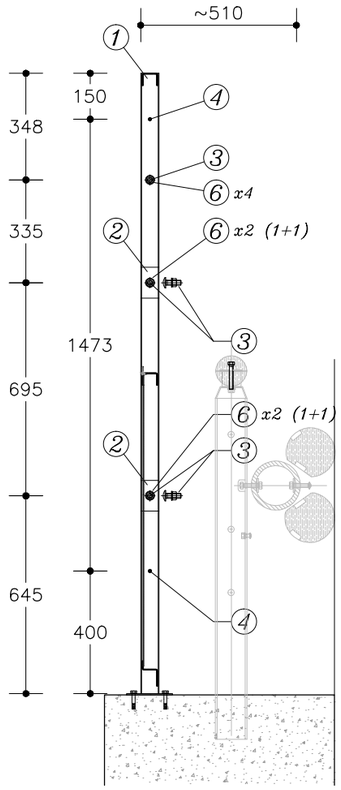




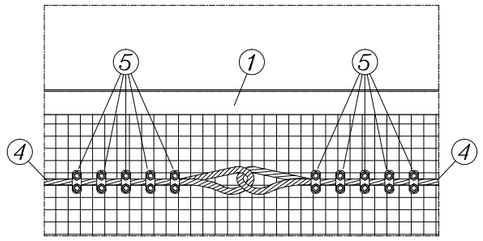


DETTAGLIO "C"
SCALA 1:10

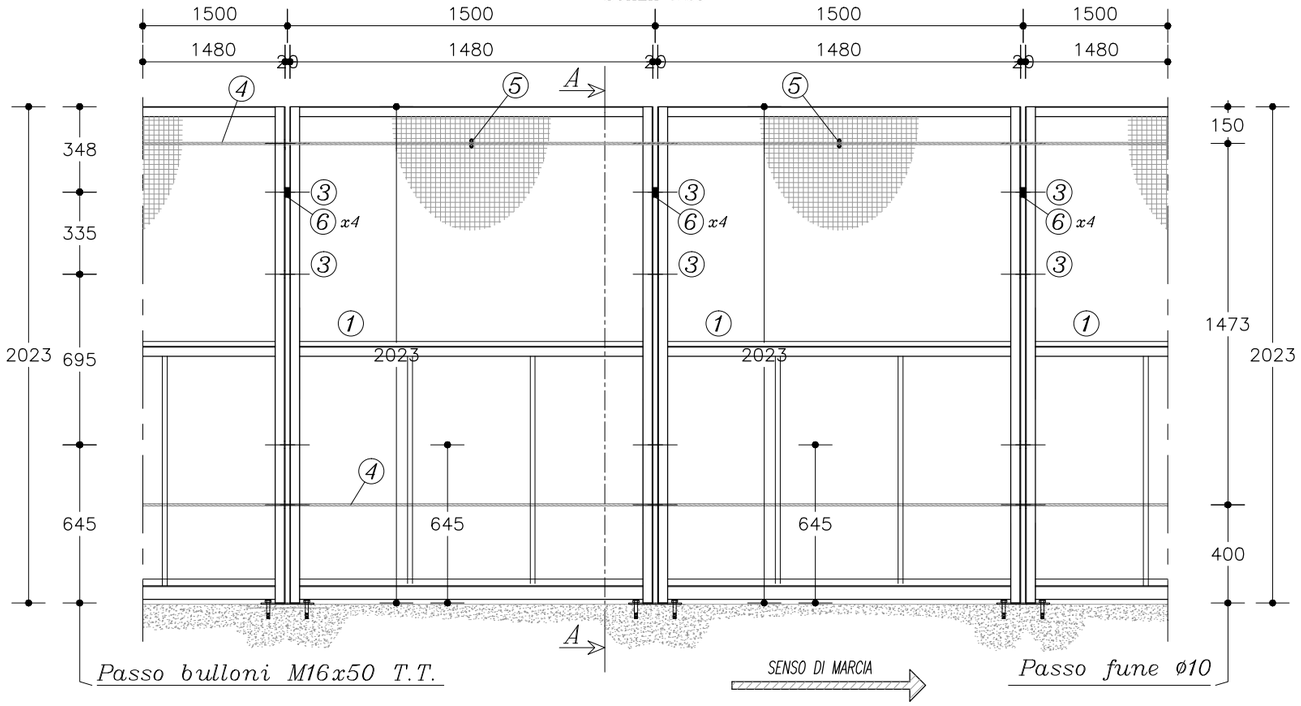
SEZIONE A–A
SCALA 1:20



DETT. RIPRESA FUNE
SCALA 1:10

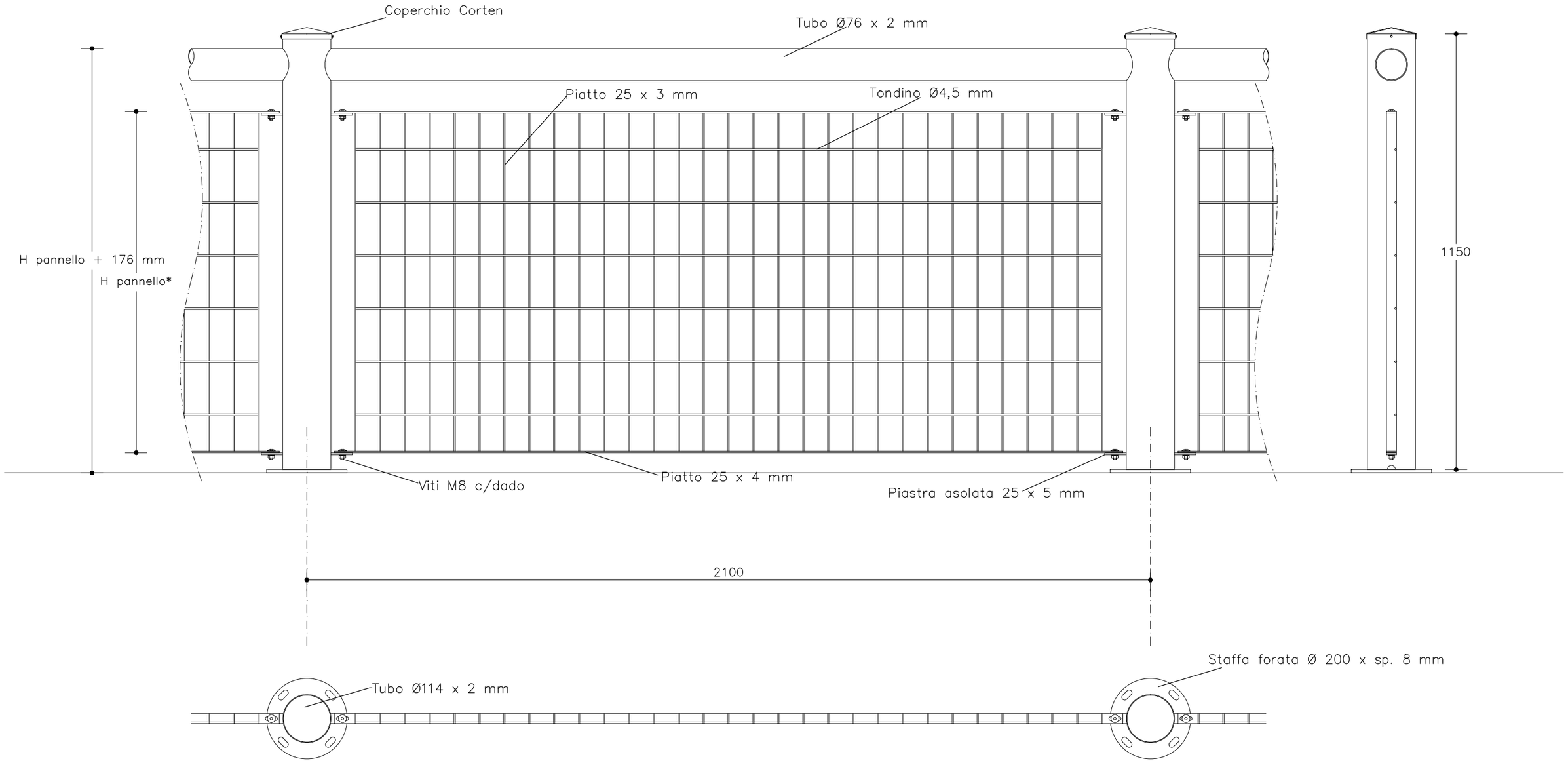


PROSPETTO
SCALA 1:25

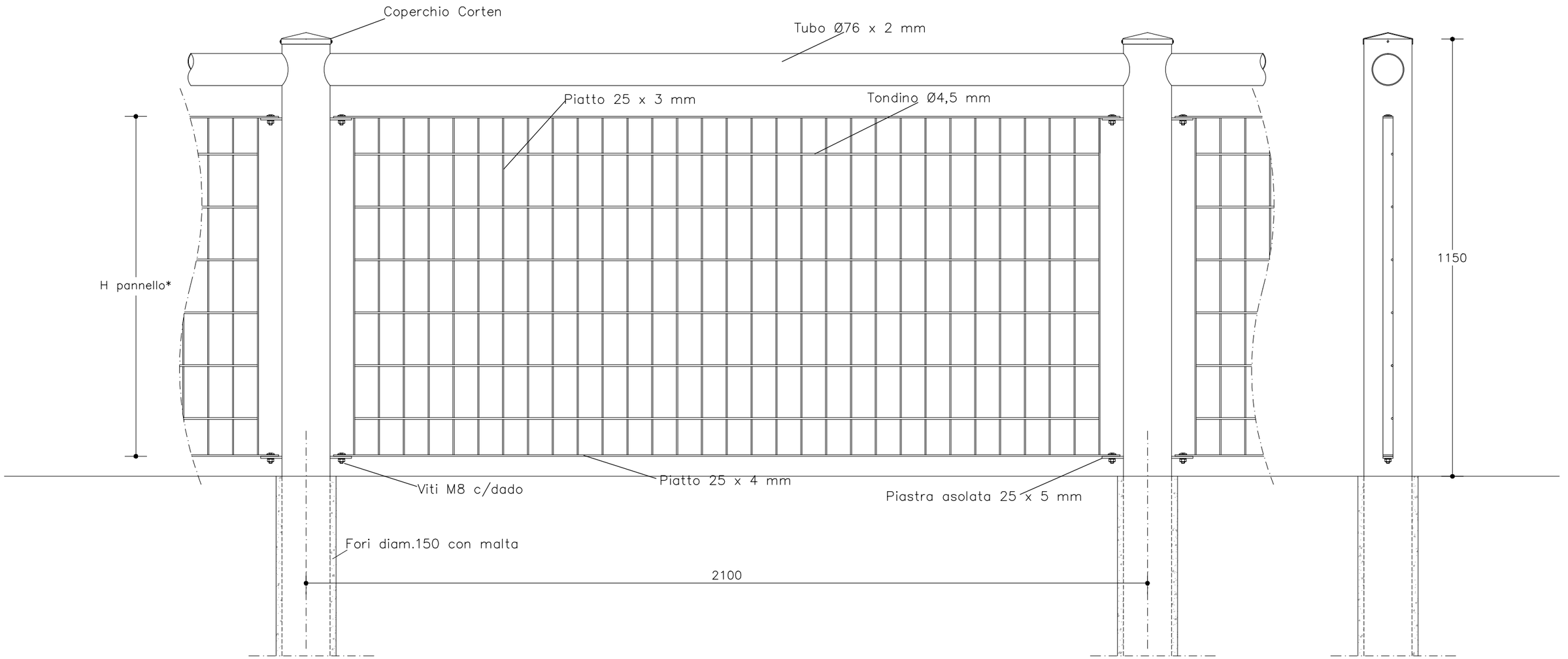


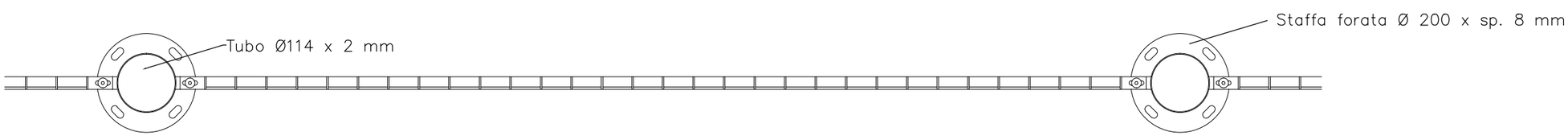
POS.	DESCRIZIONE COMPONENTI	MATERIALE
1	PANNELLO RETE/LAMIERA 1480x2000	S235JR
2	PROFILO "L" 100x70x10 H=100	S235JR
3	VITE M16x50 T.T. + DADO + RONDELLA	CLASSE 8.8
4	FUNE ø10	
5	MORSETTI PER FUNE ø10	
6	RONDELLA M24 – UNI 6592	

RETE PARA MASSI



PARAPETTO IN CORTEN SU OPERA D'ARTE





PARAPETTO IN CORTEN SU FORO PREDISPOSTO IN RILEVATO