

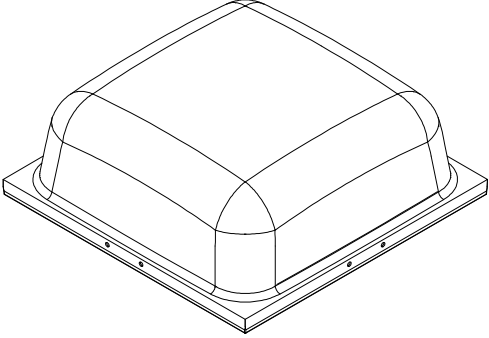
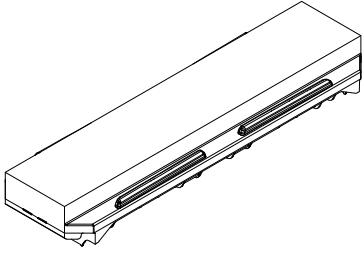
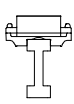
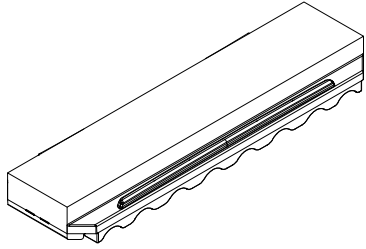
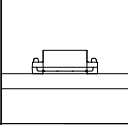
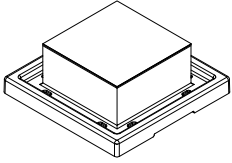
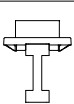
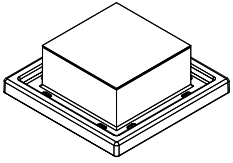
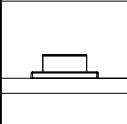
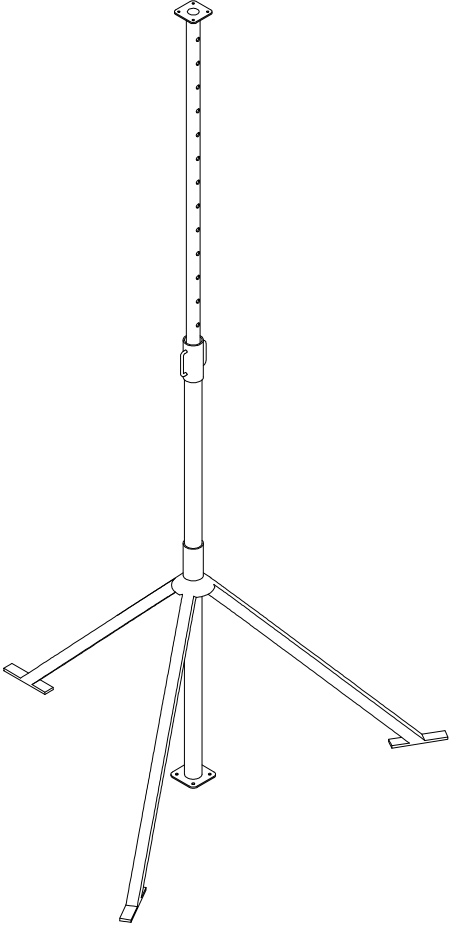
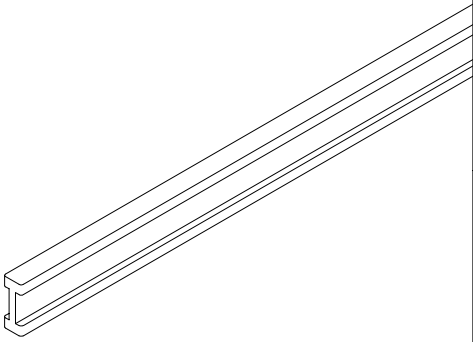
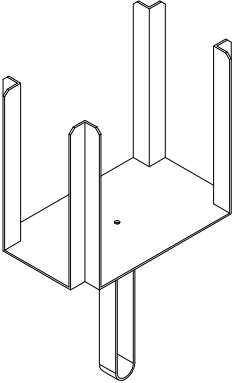


SKYDOME

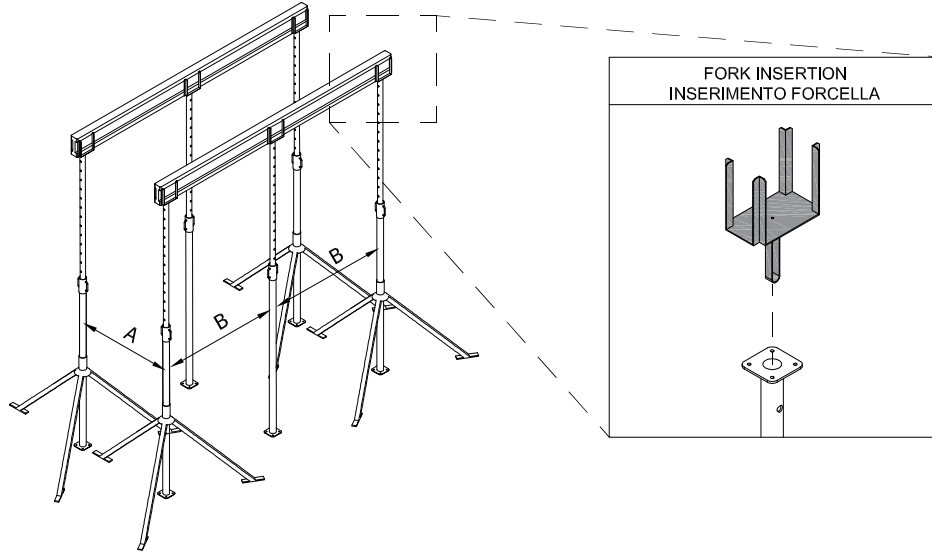


MANUALE TECNICO 
TECHNICAL MANUAL 

PAG. 2	LIST OF COMPONENTS - LISTA COMPONENTI
PAG. 3	SKYDOME ASSEMBLING - ASSEMBLAGGIO SKYDOME
PAG. 6	SKYDOME DISMANTLING - DISARMO SKYDOME
PAG. 8	POST-PROPPING REQUIREMENTS - PRESCRIZIONI POST-PUNTELLAZIONE
PAG. 10	SKYDOME FLAT ASSEMBLING - ASSEMBLAGGIO SKYDOME FLAT
PAG. 11	LONGITUDINAL BEAM ASSEMBLING - ASSEMBLAGGIO TRAVE LONGITUDINALE
PAG. 12	TRANSVERSAL BEAM ASSEMBLING - ASSEMBLAGGIO TRAVE TRASVERSALE
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PAG. 14	OPERATION AND MAINTENANCE REQUIREMENTS - PRESCRIZIONI DI USO E MANUTENZIONE
PAG. 14	SAFETY REQUIREMENTS - PRESCRIZIONI DI SICUREZZA

		 		 	
<p>SKYDOME H 200-250-300-350-400</p>		<p>BEAMS T 120-160-200</p>	<p>TRAVETTI T 120-160-200</p>	<p>FLAT BEAMS TF 120-160-200</p>	<p>TRAVETTI TF 120-160-200</p>
 		 			
<p>CUBE C 120-160-200</p>	<p>CUBO C 120-160-200</p>	<p>FLAT CUBE CF 120-160-200</p>	<p>CUBO CF 120-160-200</p>		
					
<p>H2O WOODEN BEAM</p>	<p>TRAVE IN LEGNO H2O</p>	<p>FORK</p>	<p>FORCELLA</p>	<p>PROP AND TRIPOD</p>	<p>PUNTELLO E TREMPIEDE</p>

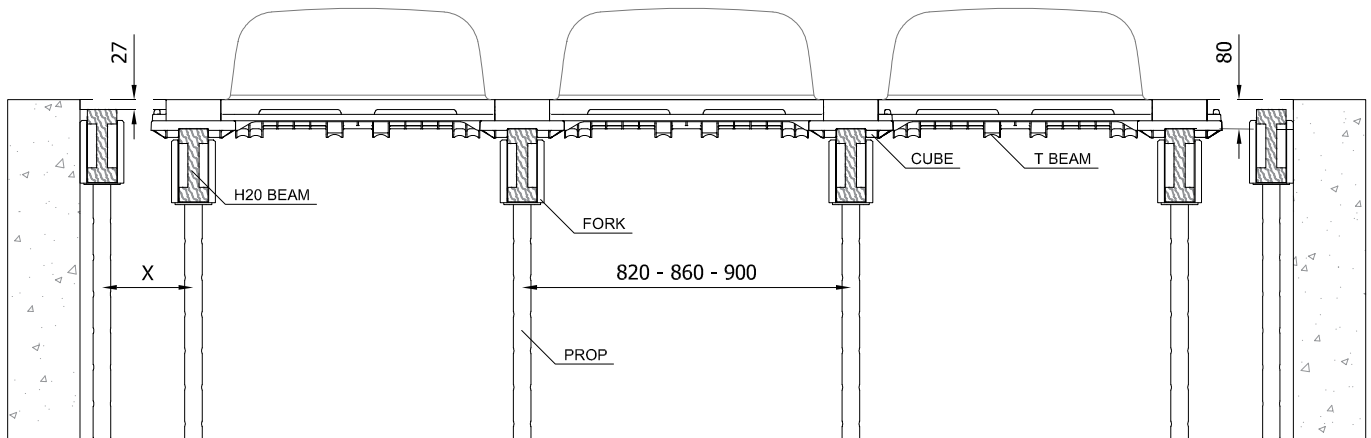
1. PROPS AND H20 BEAM INSTALLATION
 INSTALLAZIONE PUNTELLI E TRAVE H20



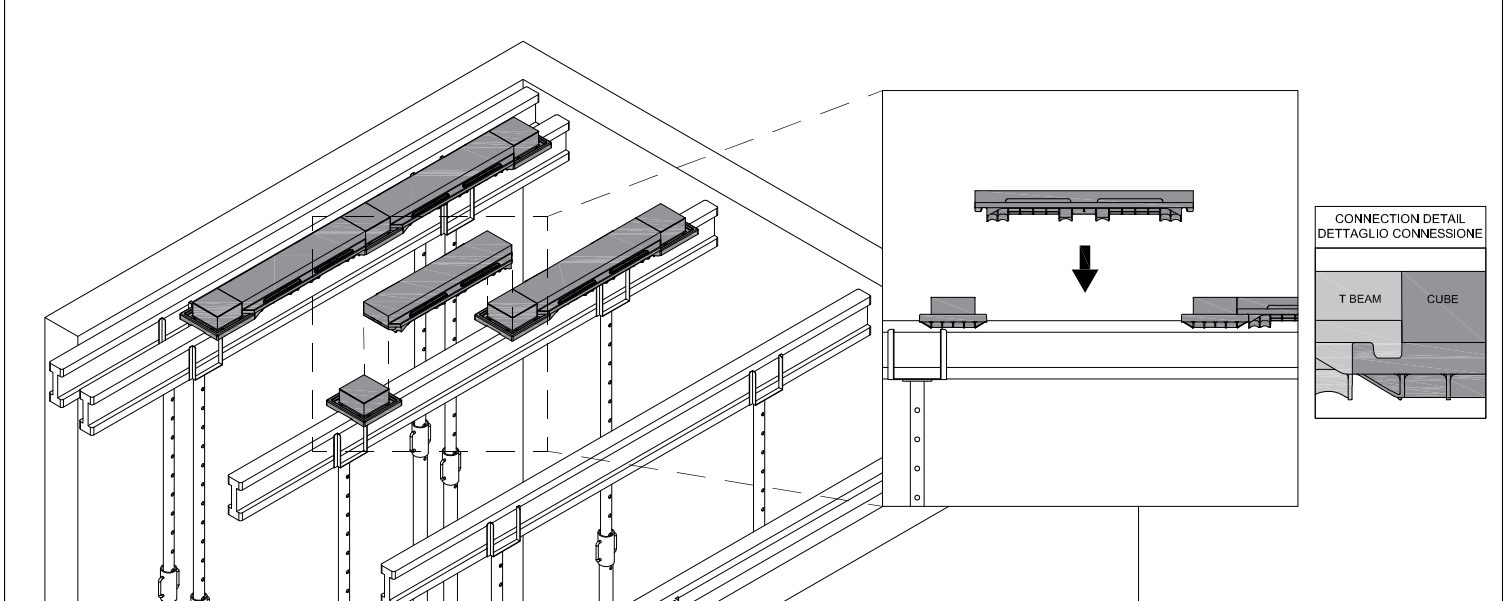
SKYDOME PROPPING					
	T BEAM [cm]	H20 BEAMS DISTANCE (A)	PROPS DISTANCE (B) [cm]		
			Slab Thickness 5 cm	Slab Thickness 10 cm	Slab Thickness 15 cm
H200	12	82	200	170	150
	16	86	190	160	140
	20	90	170	150	130
H250	12	82	190	160	140
	16	86	170	150	130
	20	90	160	140	120
H300	12	82	180	150	140
	16	86	160	140	120
	20	90	150	130	120
H350	12	82	160	140	130
	16	86	150	130	120
	20	90	140	120	110
H400	12	82	150	130	120
	16	86	130	120	110
	20	90	120	110	100

GENERAL BEAMS DISPOSITION
 DISPOSIZIONE GENERALE DELLE TRAVI

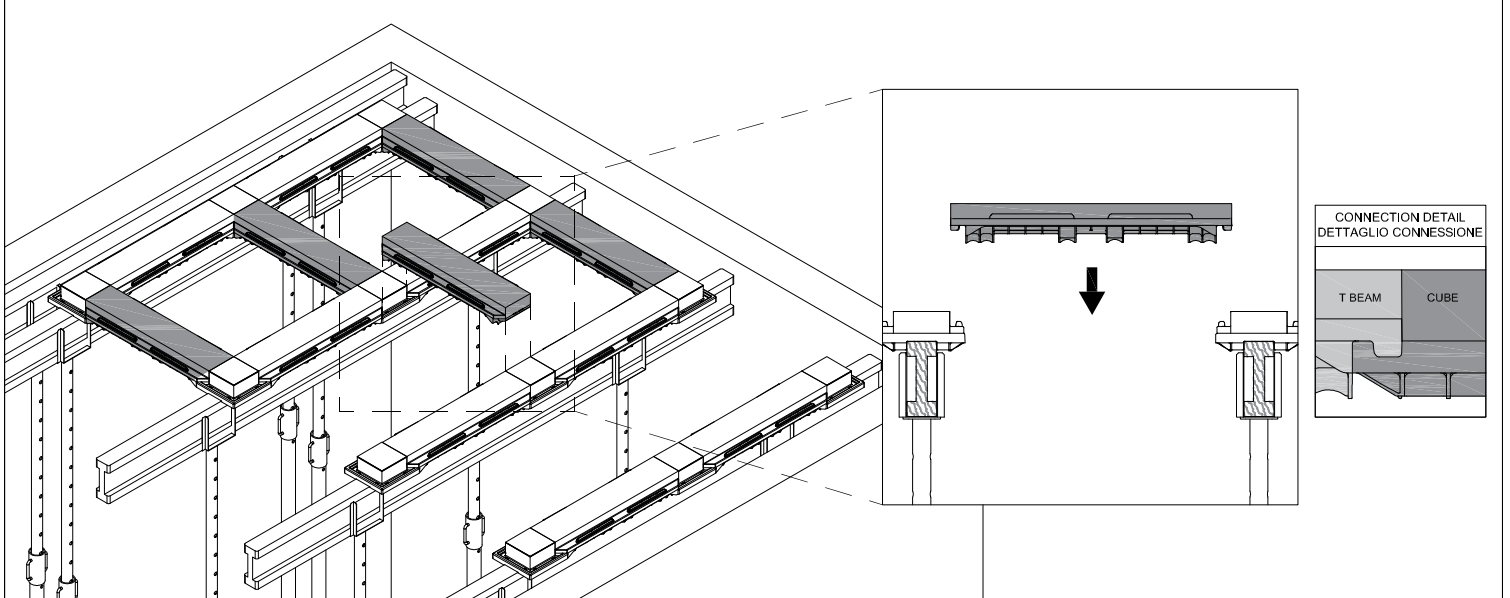
FRONT VIEW



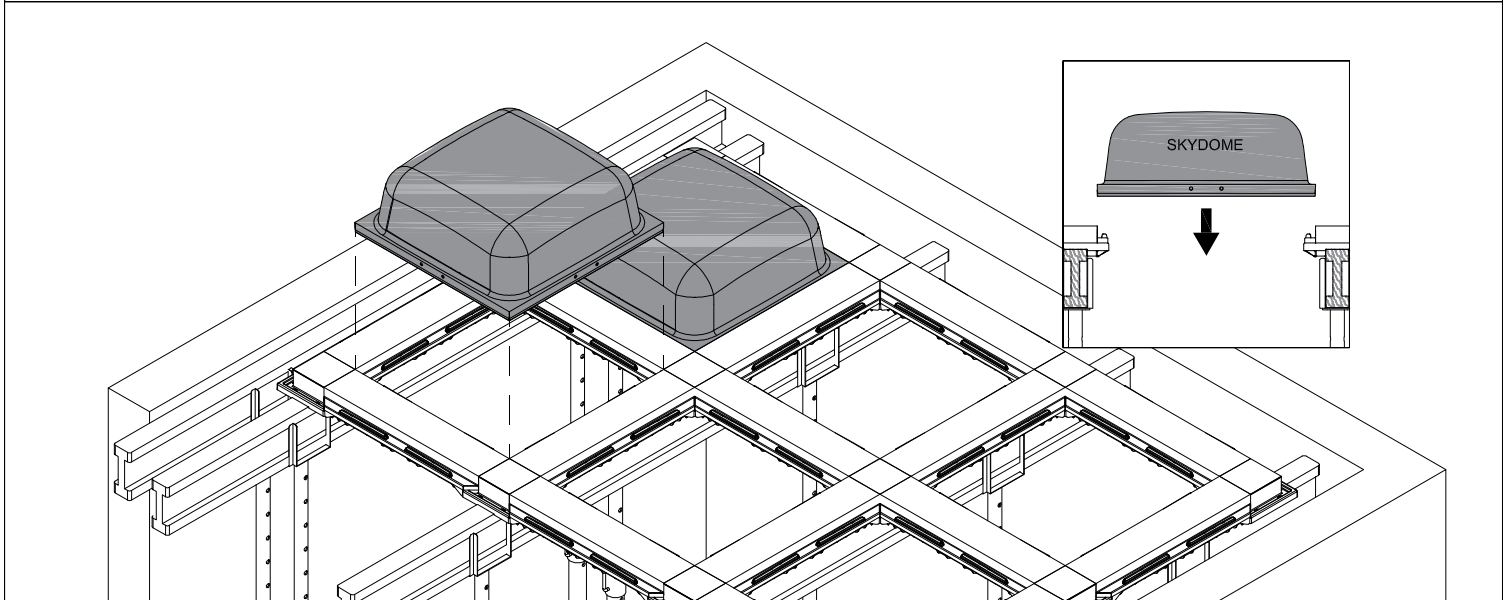
2. T BEAMS AND CUBES INSTALLATION
 INSTALLAZIONE TRAVETTI T E CUBI



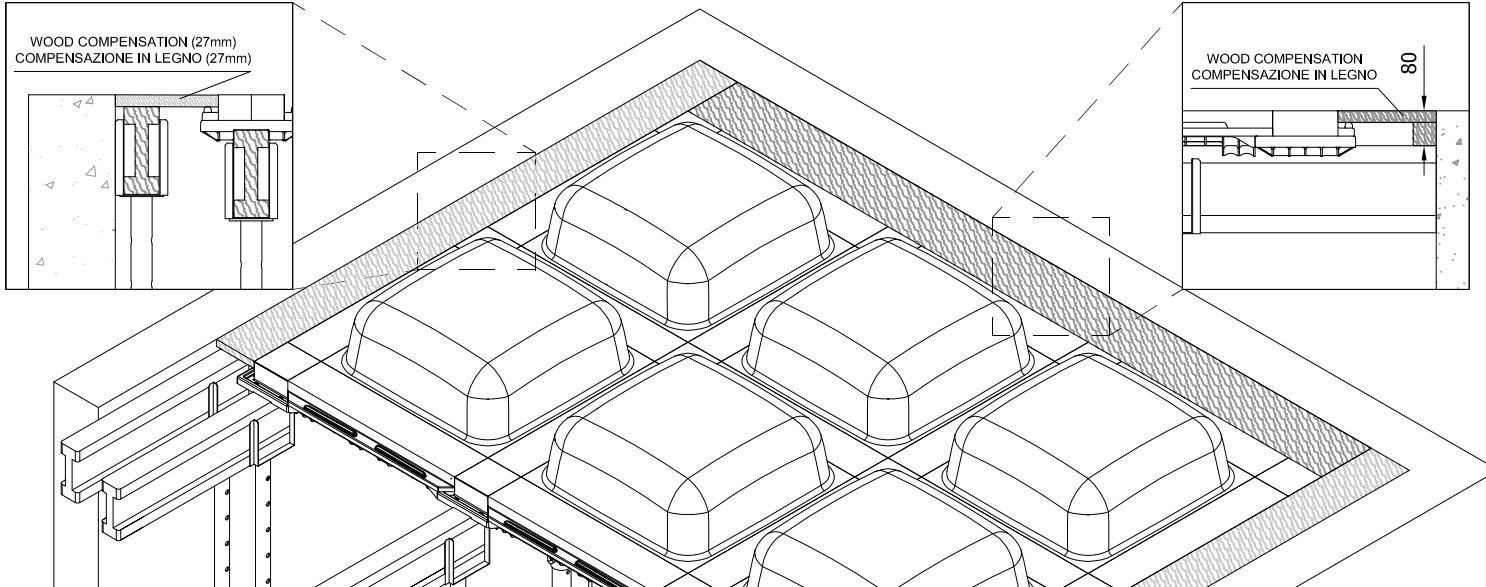
3. TRANSVERSAL T BEAM INSTALLATION
 INSTALLAZIONE TRAVETTI T TRASVERSALI



4. SKYDOME INSTALLATION
 INSTALLAZIONE SKYDOME

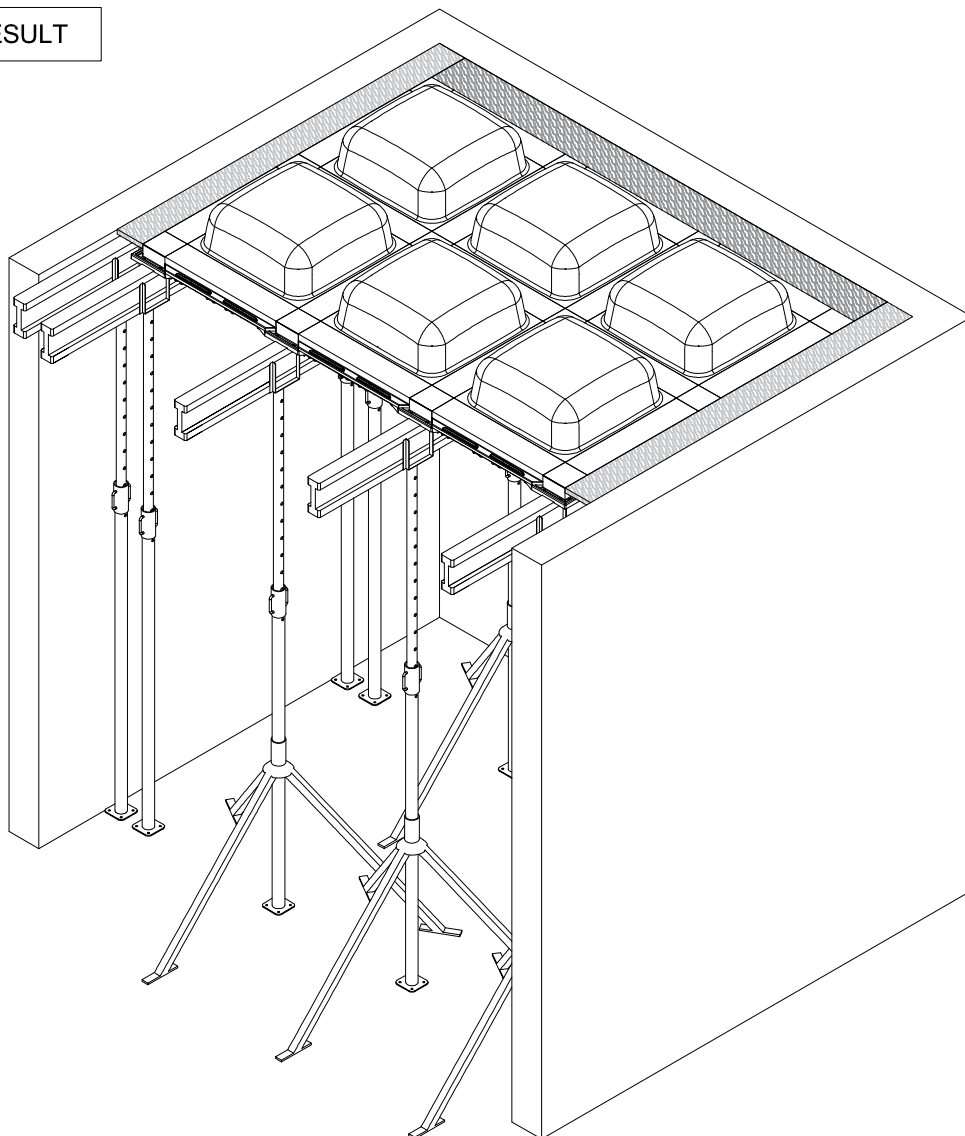


5. WOODEN COMPENSATIONS INSTALLATION
 INSTALLAZIONE COMPENSAZIONI IN LEGNO

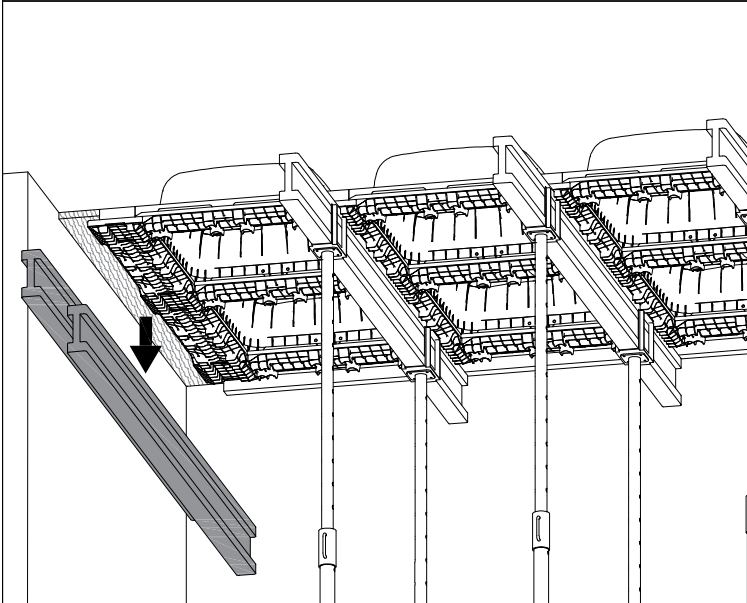


6. TRANSVERSAL WOODEN COMPENSATION INSTALLATION
 INSTALLAZIONE COMPENSAZIONE DI LEGNO TRASVERSALE

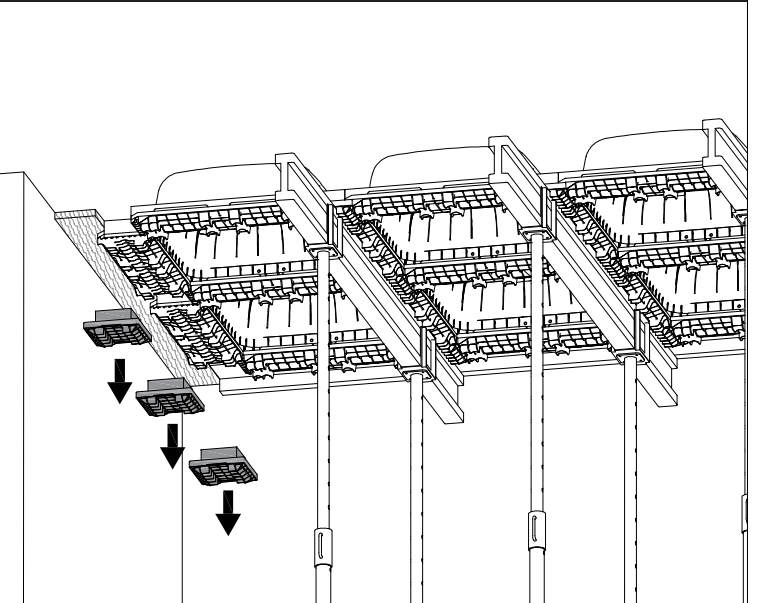
FINAL RESULT



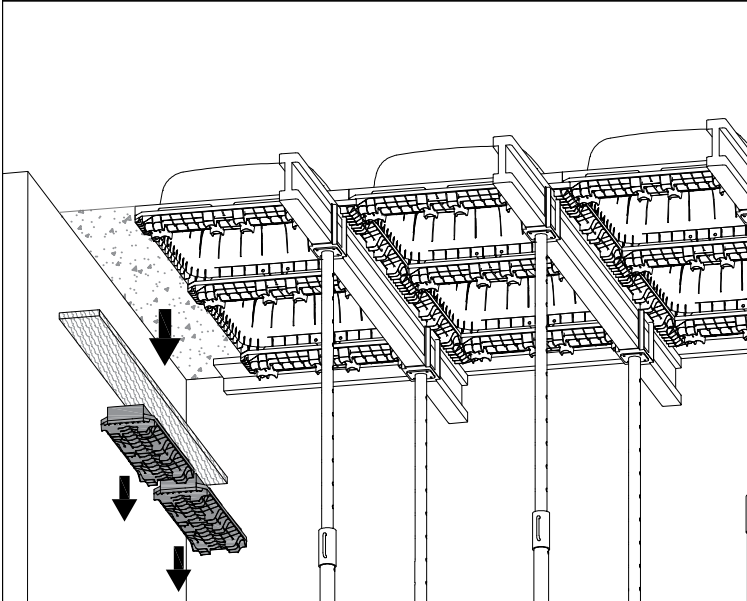
1. EXTERNAL H20 BEAMS REMOVING
RIMOZIONE TRAVI H20 ESTERNE



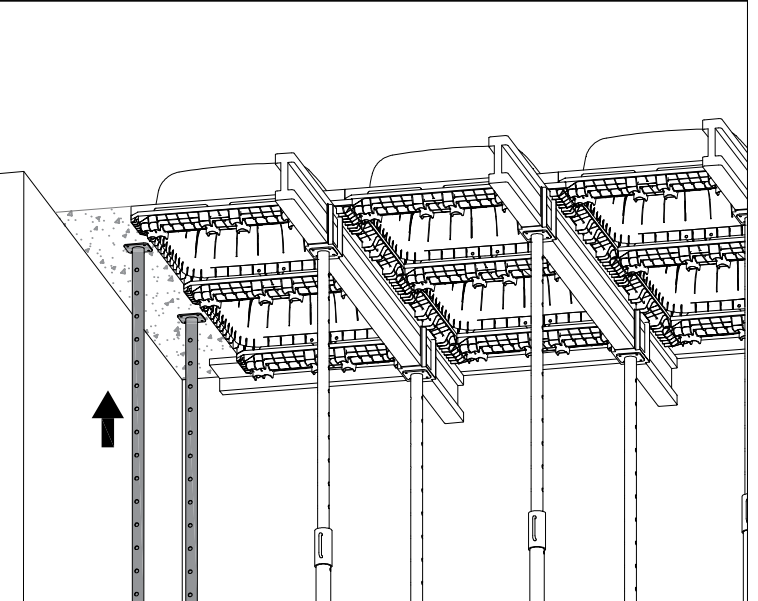
2. FIRST SKYDOME CUBES ROW REMOVING
RIMOZIONE PRIMA FILA CUBI SKYDOME



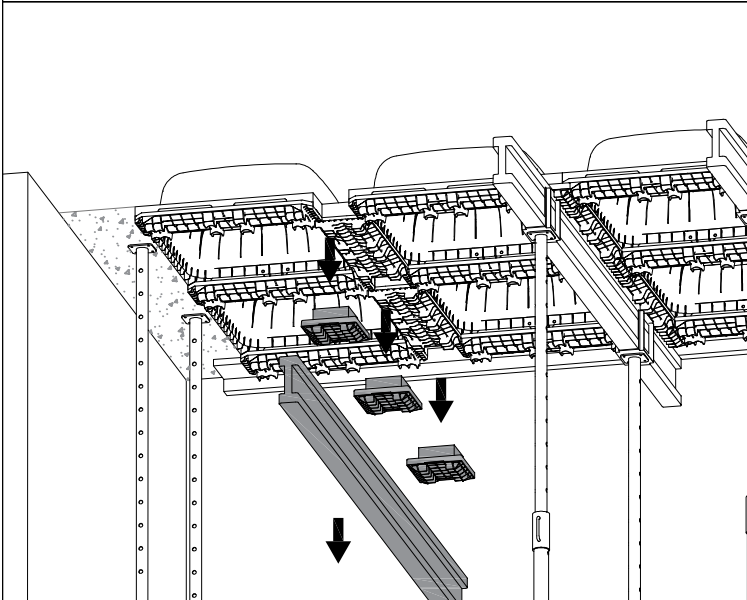
3. WOOD COMPENSATION AND FIRST T BEAMS ROW REMOVING
RIMOZIONE COMPENSAZIONE LEGNO E TRAVETTI T



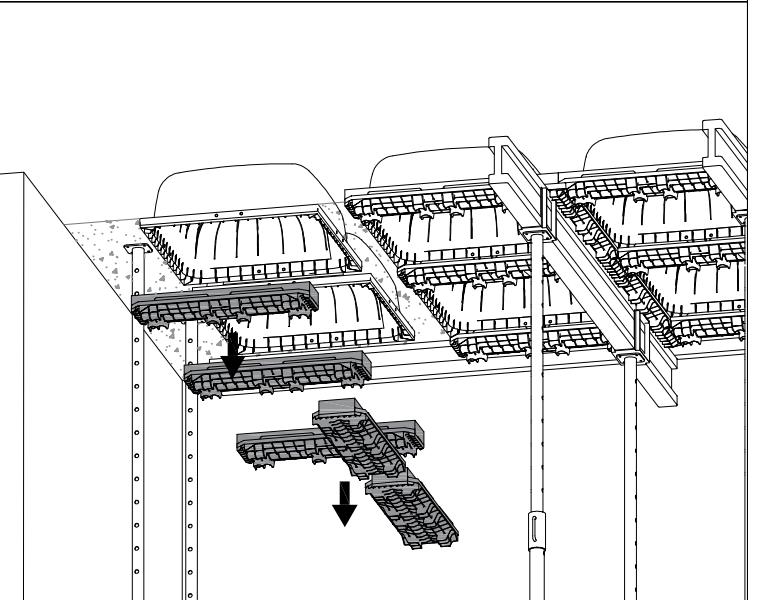
4. PROPS INSTALLATION
INSTALLAZIONE PUNTELLI



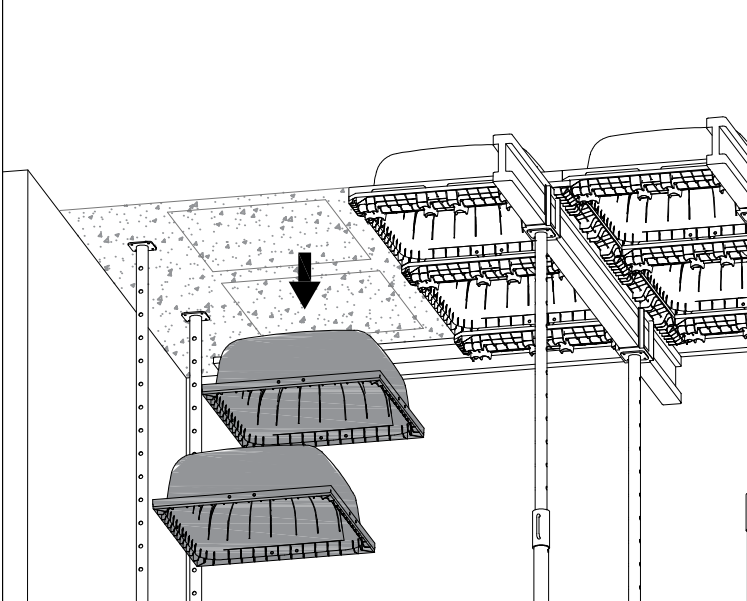
5. SECOND H20 BEAM AND CUBES ROW REMOVING
RIMOZIONE SECONDA TRAVE H20 E FILA CUBI SKYDOME



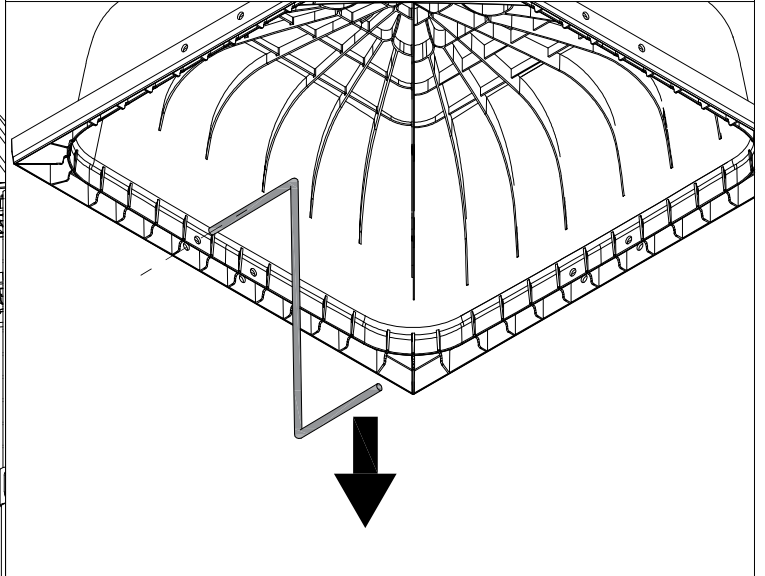
6. T BEAMS REMOVING
RIMOZIONE TRAVETTI T



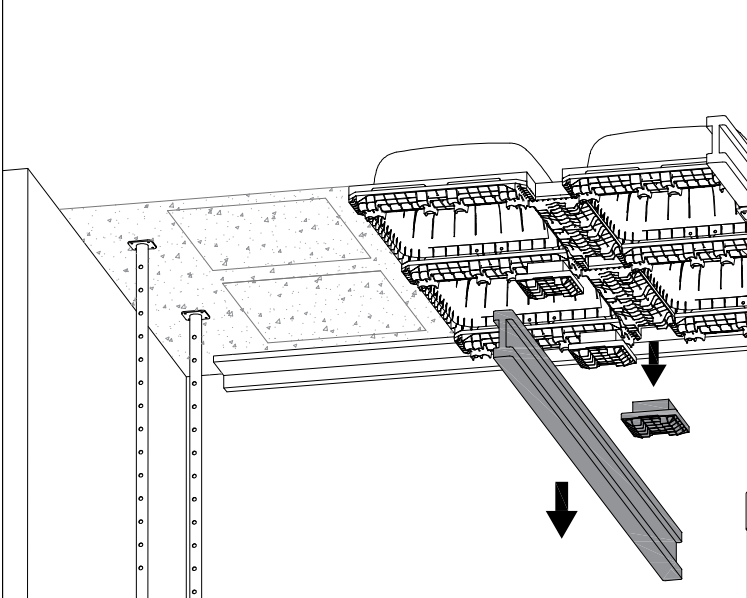
7. SKYDOME REMOVING
RIMOZIONE SKYDOME



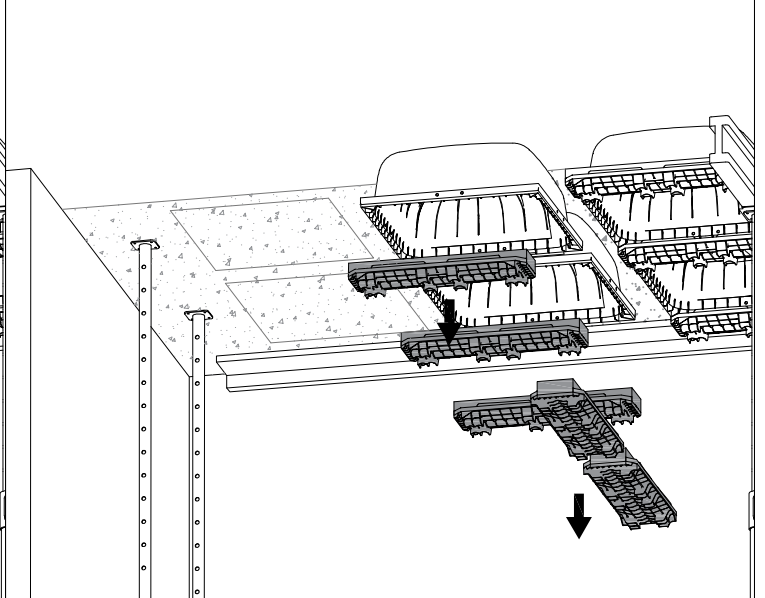
IT IS USEFUL TO USE A BENT STEEL BAR FOR SKYDOME REMOVAL
E' UTILE USARE UN FERRO PIEGATO DI ACCIAIO PER LA RIMOZIONE
DEGLI SKYDOME



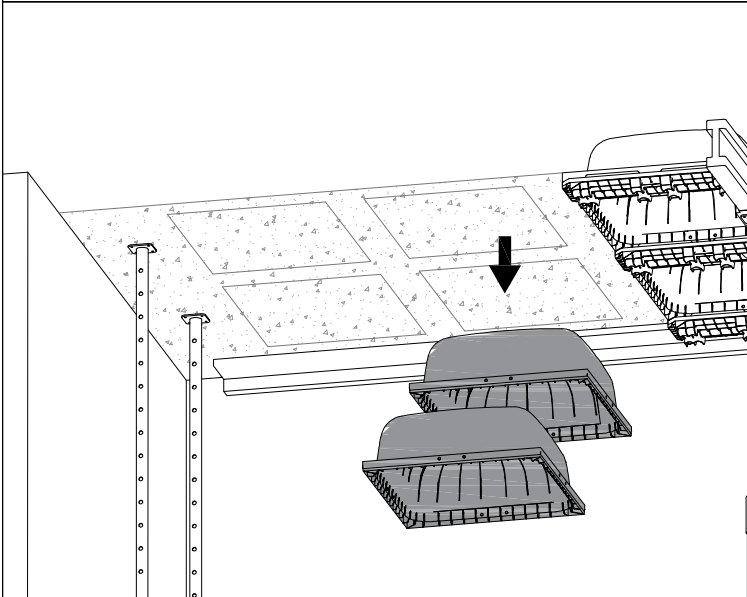
8. THIRD H20 BEAM AND CUBES ROW REMOVING
RIMOZIONE TERZA TRAVE H20 E FILA CUBI SKYDOME



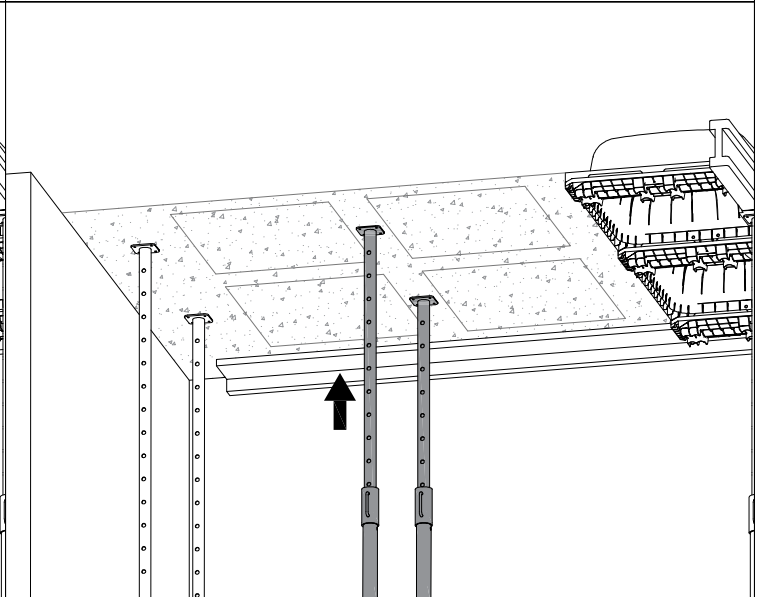
9. T BEAMS REMOVING
RIMOZIONE TRAVETTI T



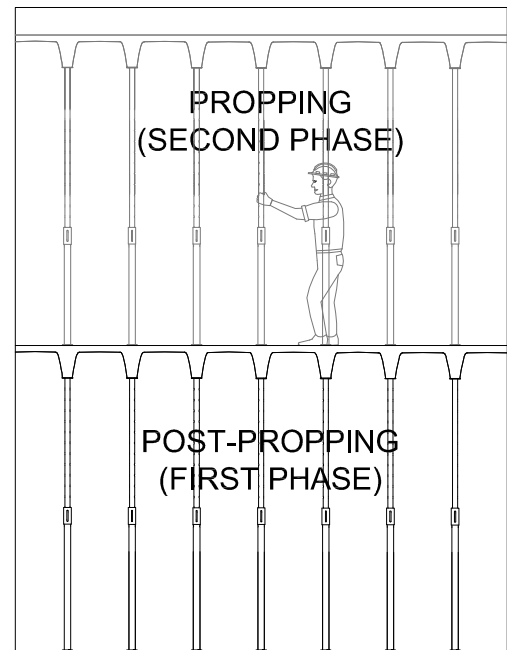
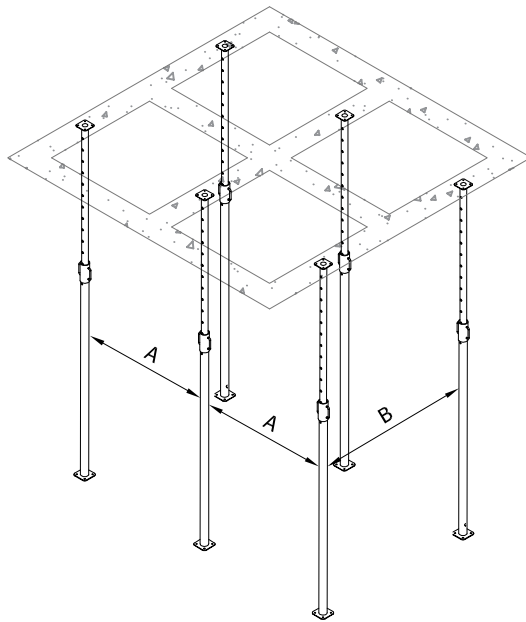
10. SKYDOME REMOVING
RIMOZIONE SKYDOME



11. PROPS INSTALLATION
INSTALLAZIONE PUNTELLI



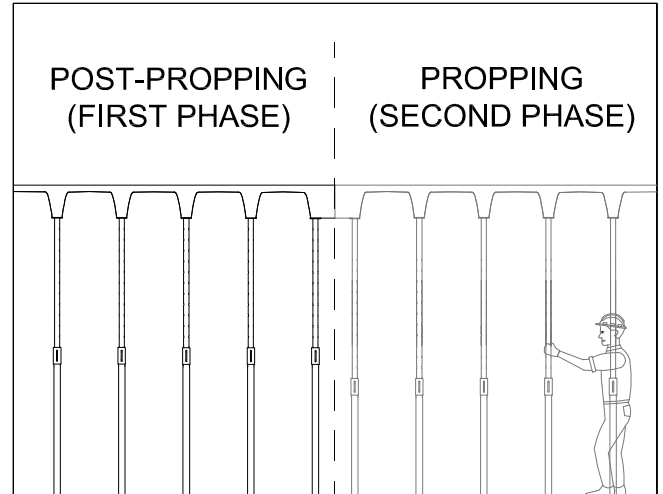
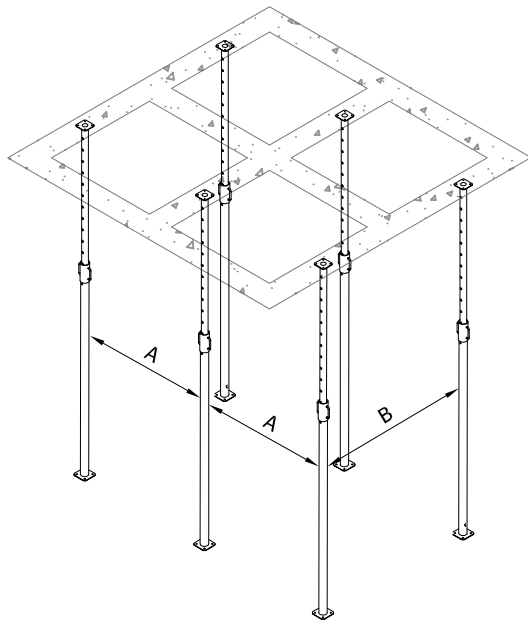
THIS PROPPING DISPOSITION PERMITS THE EARLY DISMANTLING (7 DAYS) AND THE POSSIBILITY OF THE FORMWORKS INSTALLATION IN THE HORIZONTAL DIRECTION.
 QUESTA DISPOSIZIONE DEI PUNTELLI PERMETTE UN DISARMO ANTICIPATO (7 GIORNI) E LA POSSIBILITA' DI INSTALLAZIONE DELLE CASSEFORME IN DIREZIONE ORIZZONTALE.



SKYDOME POST-PROPPING					
	T BEAM [cm]	TRANSVERSAL DISTANCE (A)	LONGITUDINAL DISTANCE (B) [cm]		
			Slab Thickness 5 cm	Slab Thickness 10 cm	Slab Thickness 15 cm
H200	12	82	160	140	120
	16	86	150	130	110
	20	90	140	120	100
H250	12	82	150	130	110
	16	86	140	120	100
	20	90	130	110	90
H300	12	82	140	120	100
	16	86	130	110	90
	20	90	110	100	90
H350	12	82	130	110	100
	16	86	110	100	90
	20	90	100	90	80
H400	12	82	110	100	90
	16	86	100	90	80
	20	90	90	80	70

DISMANTLING TIME	
TEMPERATURE	SKYDOME
20 + 30 °C	7 DAYS
> 30 °C	6 DAYS

THIS PROPPING DISPOSITION PERMITS THE EARLY DISMANTLING (7 DAYS) AND THE POSSIBILITY OF THE FORMWORKS INSTALLATION IN THE UPPER LEVEL.
 QUESTA DISPOSIZIONE DEI PUNTELLI PERMETTE UN DISARMO ANTICIPATO (7 GIORNI) E LA POSSIBILITA' DI INSTALLAZIONE DELLE CASSEFORME AL LIVELLO SUPERIORE.



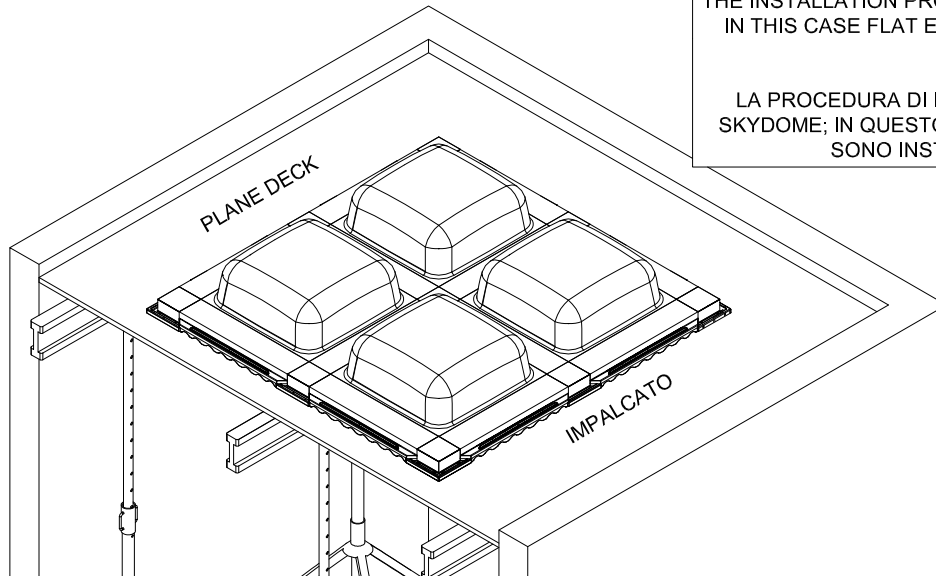
SKYDOME POST-PROPPING					
	T BEAM [cm]	TRANSVERSAL DISTANCE (A)	LONGITUDINAL DISTANCE (B) [cm]		
			Slab Thickness 5 cm	Slab Thickness 10 cm	Slab Thickness 15 cm
H200	12	82	260	230	210
	16	86	240	220	200
	20	90	230	210	190
H250	12	82	250	230	210
	16	86	230	210	190
	20	90	220	200	180
H300	12	82	240	220	200
	16	86	220	200	180
	20	90	200	190	170
H350	12	82	220	210	190
	16	86	210	190	170
	20	90	190	180	160
H400	12	82	210	190	180
	16	86	190	180	170
	20	90	180	170	150

DISMANTLING TIME	
TEMPERATURE	SKYDOME
20 + 30 °C	7 DAYS
> 30 °C	6 DAYS

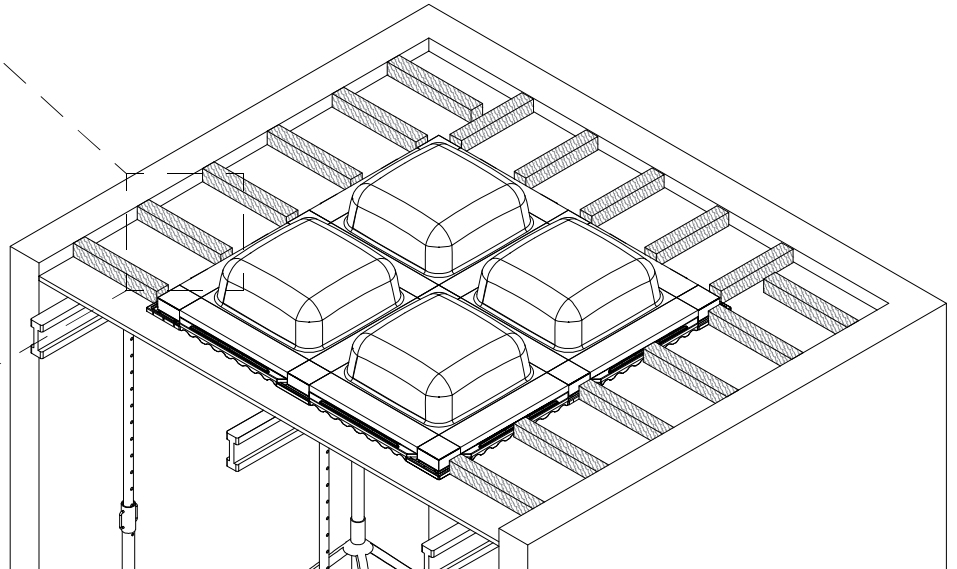
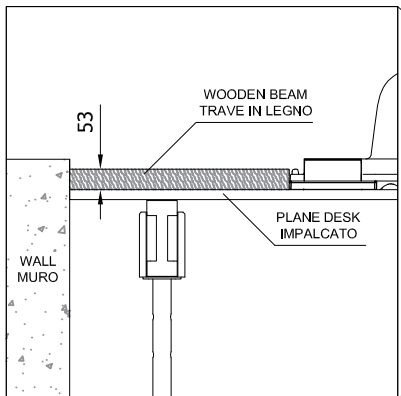
1. SKYDOME FLAT ELEMENTS INSTALLATION
 INSTALLAZIONE ELEMENTI SKYDOME FLAT

THE INSTALLATION PROCEDURE IT IS THE SAME OF SKYDOME;
 IN THIS CASE FLAT ELEMENTS ARE INSTALLED ON A DECK
 PLANE.

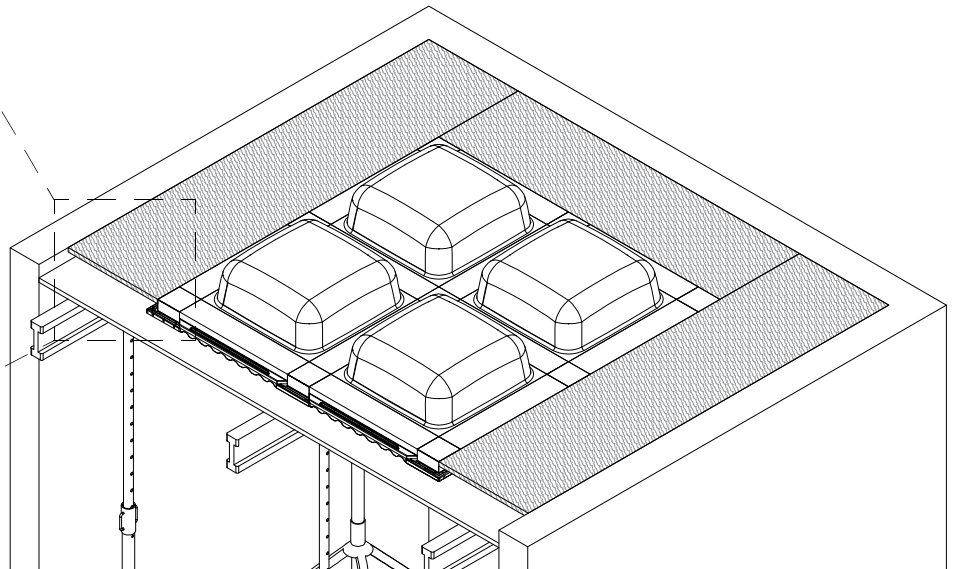
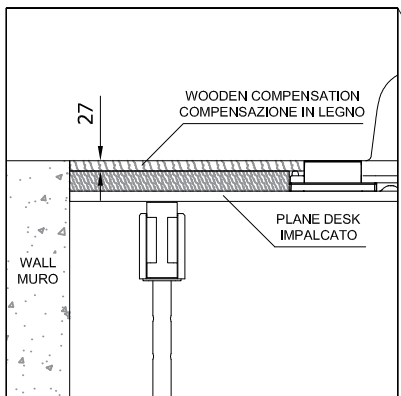
LA PROCEDURA DI INSTALLAZIONE E' LA STESSA DELLO
 SKYDOME; IN QUESTO CASO GLI ELEMENTI SKYDOME FLAT
 SONO INSTALLATI SU UN IMPALCATO.



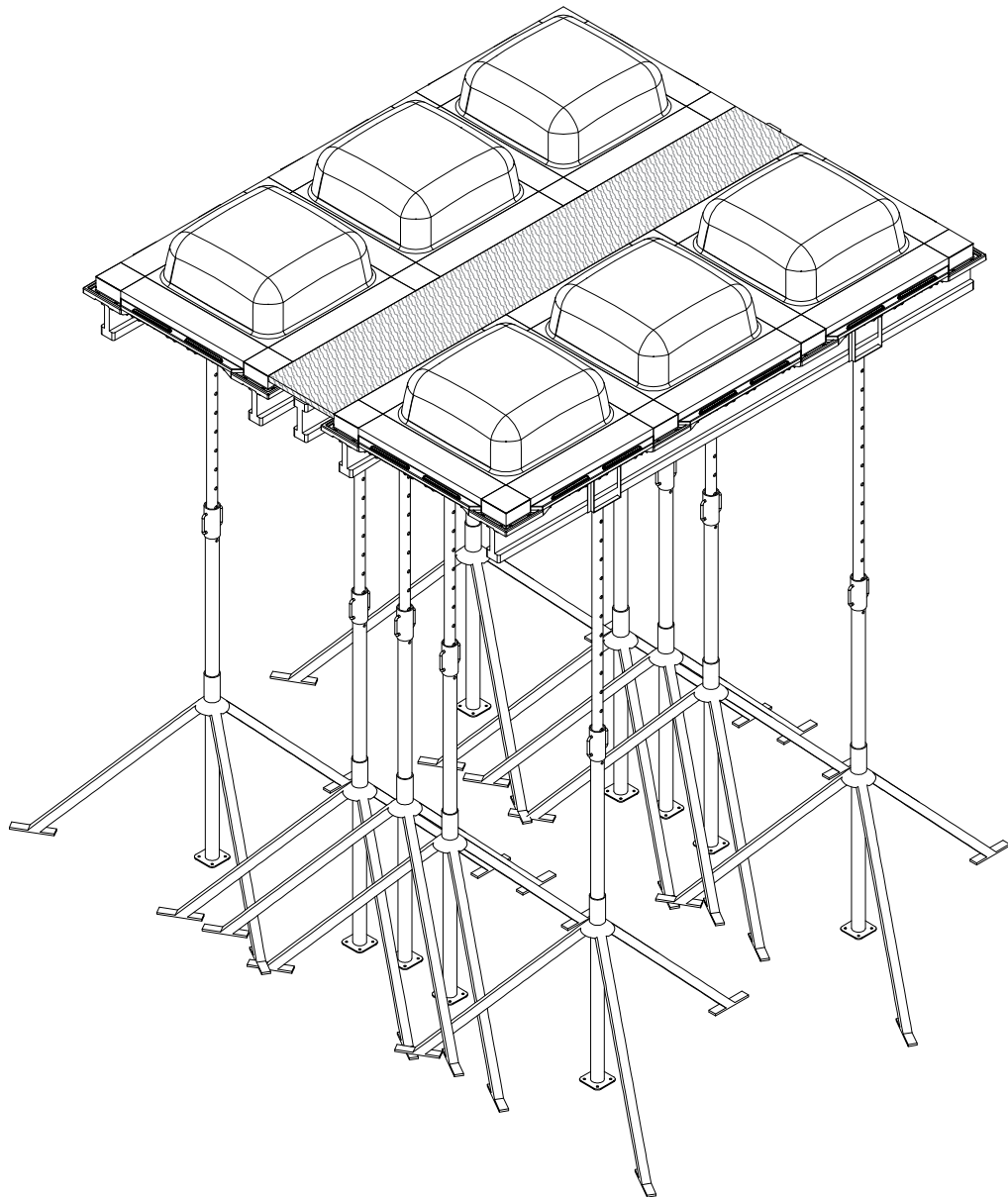
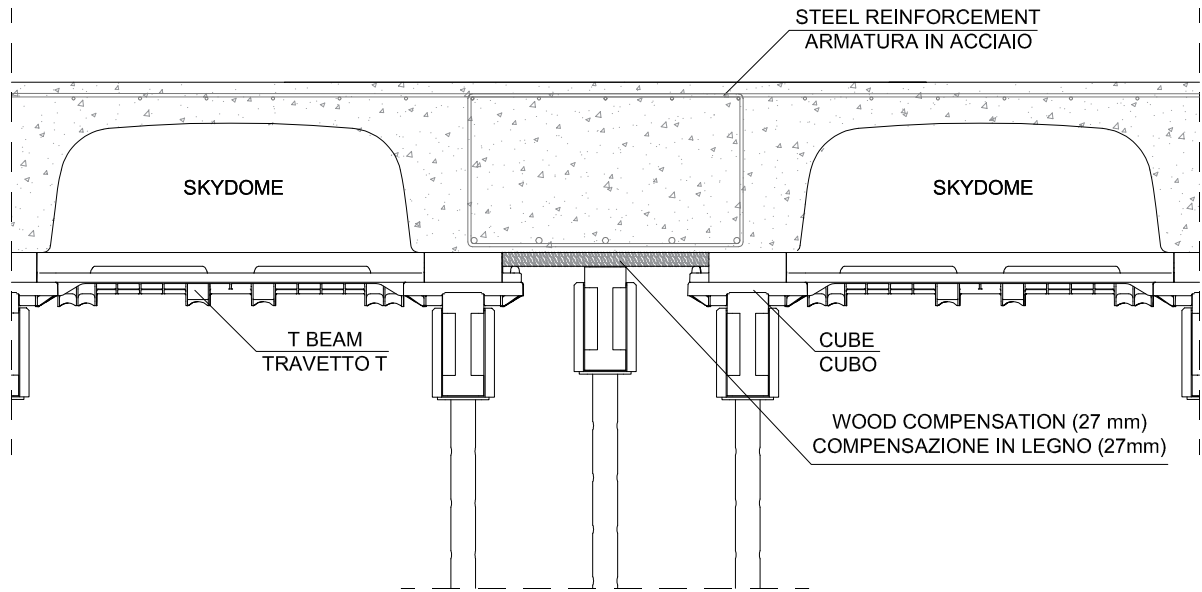
2. WOODEN BEAMS 80X80mm INSTALLATION
 INSTALLAZIONE TRAVI IN LEGNO 80X80mm



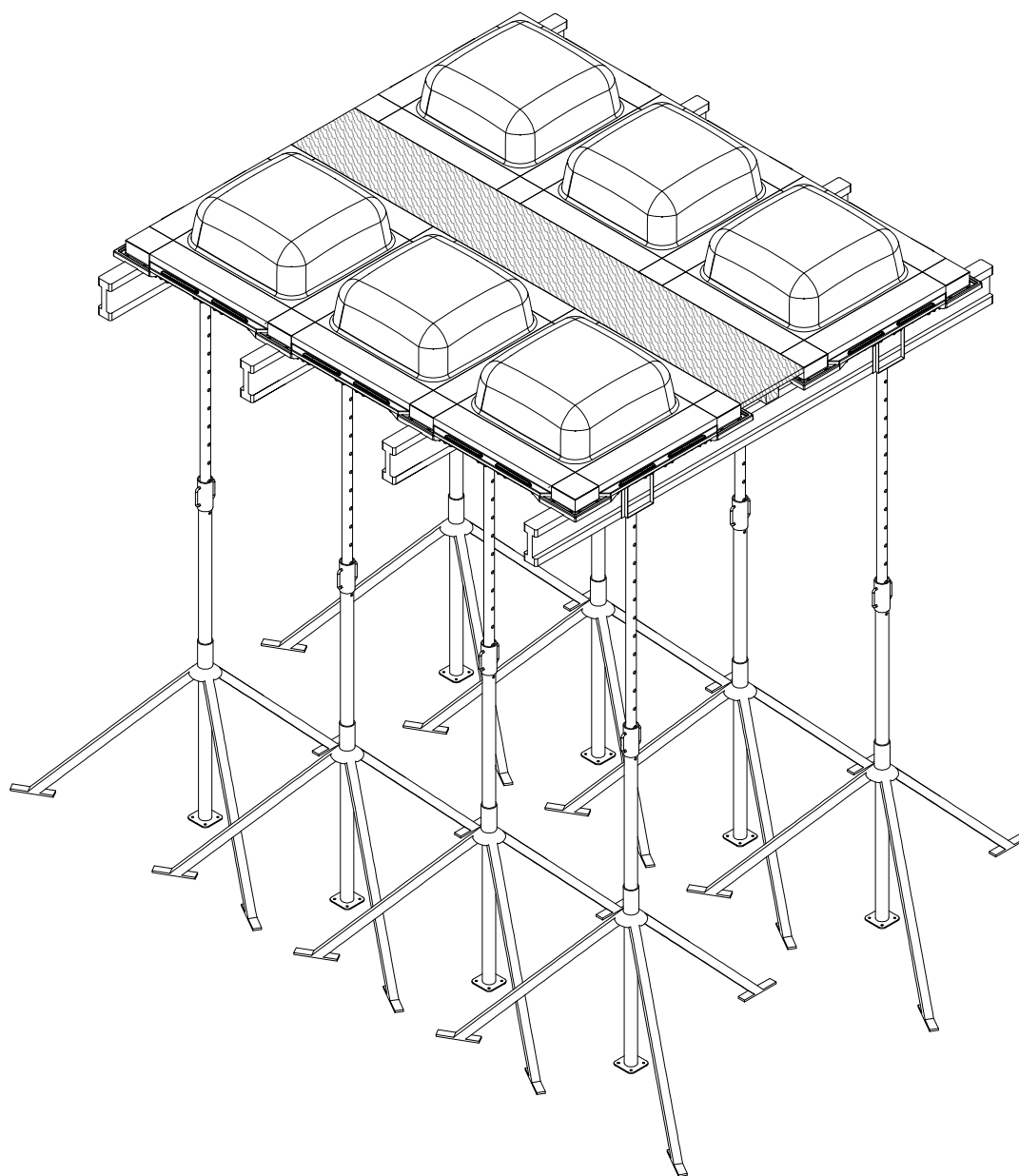
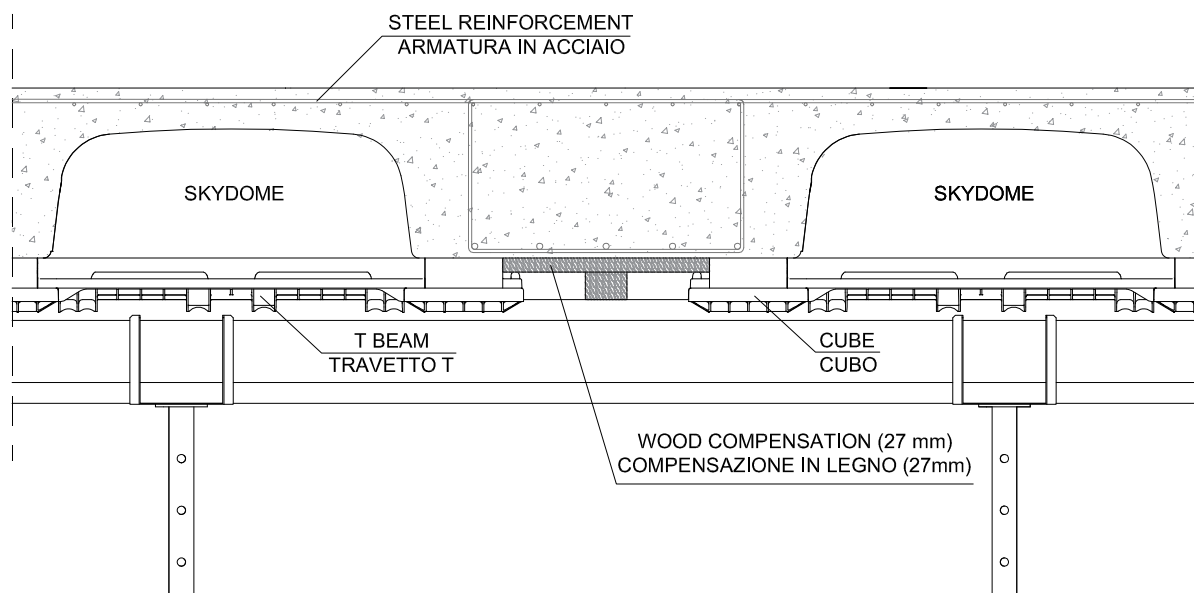
3. LATERAL WOODEN COMPENSATIONS INSTALLATION
 INSTALLAZIONE COMPENSAZIONI LATERALI IN LEGNO



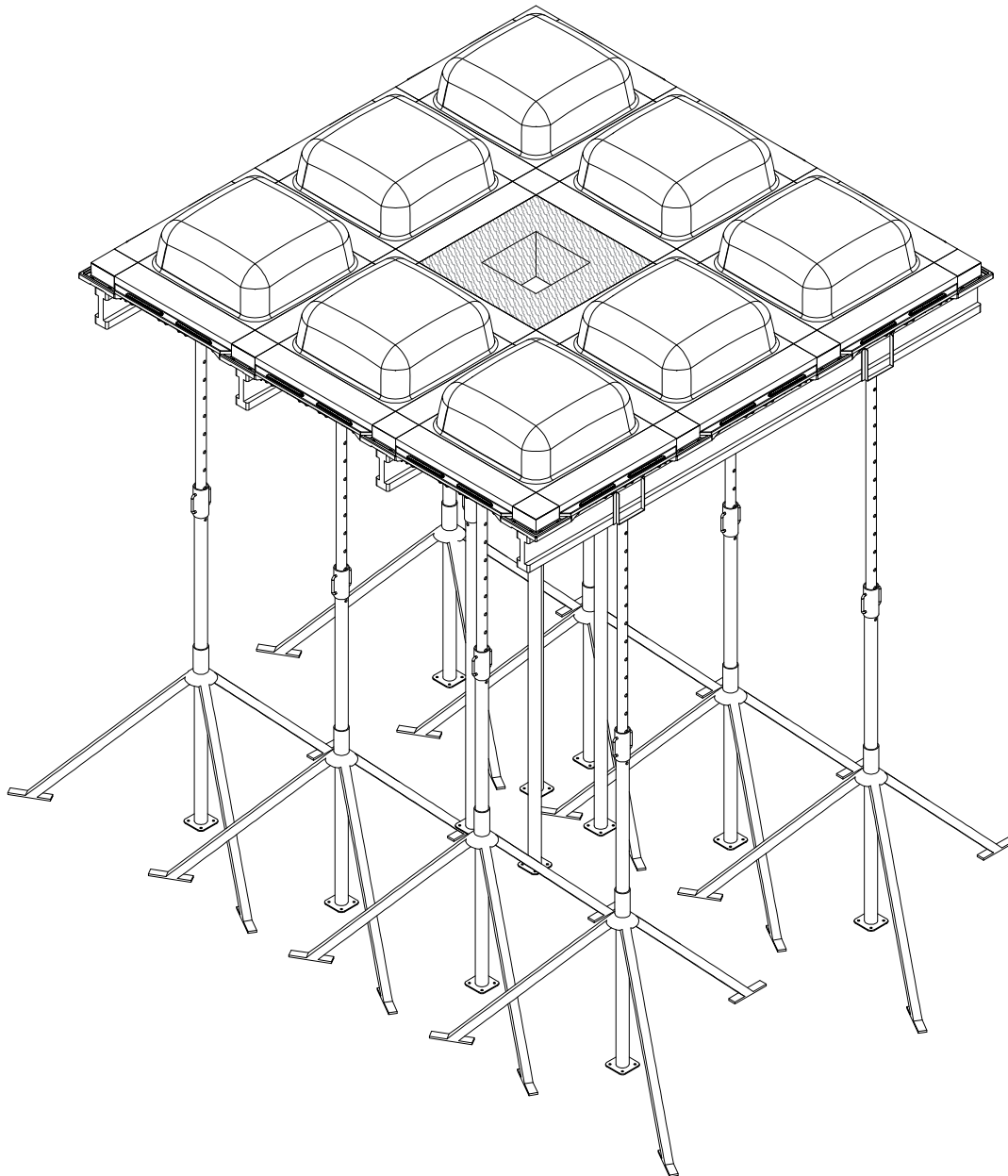
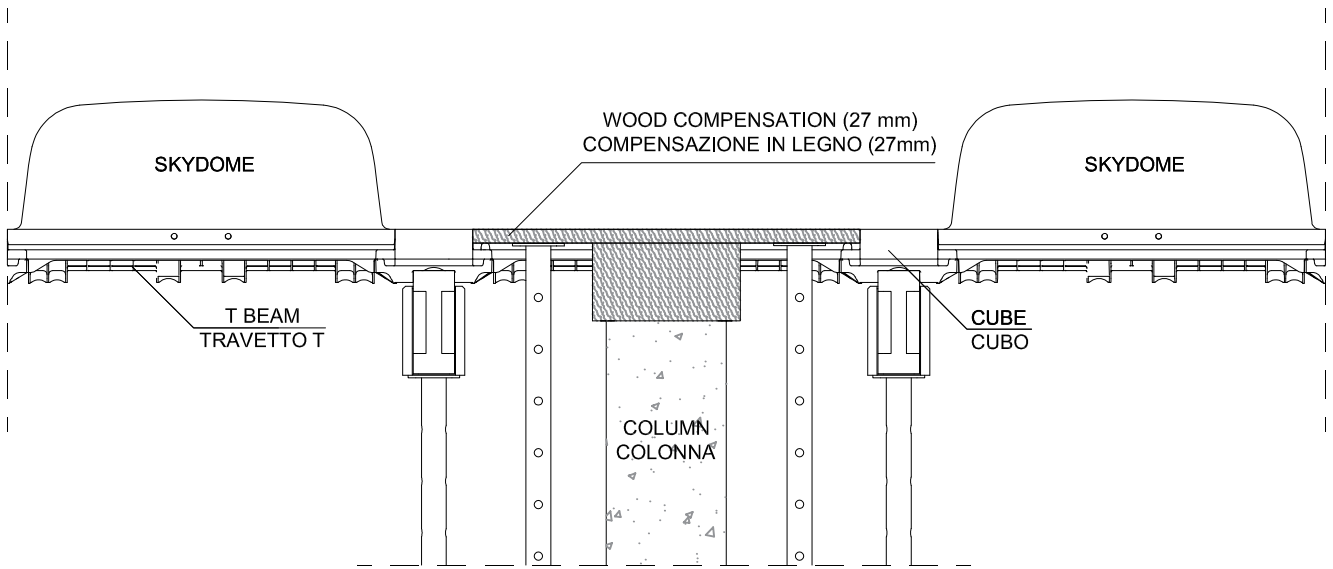
FRONT VIEW



FRONT VIEW



FRONT VIEW



POUR

Only immersion type concrete vibrators are approved for use. The ABS formwork is not fireproof, do not place close to free flame or hot objects.

HANDLING

Use the lifting clamp to transport the formwork with a crane. Before lifting make sure the load is symmetrical and that the leg lengths are equal.

CLEANING THE PANELS

After each use clean the panel with water, preferably using a pressure washer. Any residual concrete should be removed with the aid of a brush or a steel scraper.

RELEASING AGENT

As long as the contact surface of the panels does not show signs of wear, no releasing agent is required.

STORAGE

In order to facilitate the handling and lifting of the panels and all accessories, please store them on wood pallets or battens in order to keep them off the ground.

Although the product does not suffer weathering, for longer lifetime it is preferable to store the formworks away from direct sunlight.

GETTO

Sono ammessi solamente sistemi di vibrazione ad immersione. Il cassero un ABS non è ignifugo, non porre a contatto diretto con corpi incandescenti o a fiamma libera.

MOVIMENTAZIONE

Utilizzare il gancio per Geopanel per sollevare i pannelli con gru e, prima della movimentazione, assicurarsi che le funi di sollevamento abbiano un uniforme tiraggio.

PULIZIA DEI PANNELLI

Al termine di ogni utilizzo, pulire i pannelli con getti di acqua (preferibilmente utilizzando una idropulitrice). Si consiglia di rimuovere eventuali incrostazioni del calcestruzzo con l'ausilio di una spatola o spazzola d'acciaio.

DISARMANTE

Finché la superficie di contatto dei pannelli non presenta segni di usura, non è necessario l'utilizzo di disarmanti.

STOCCAGGIO

Al fine di facilitare le operazioni di movimentazione e sollevamento dei pannelli e tutti gli accessori, stoccare gli stessi sopra bancali o comunque morali che permettano il distacco da terra.

Sebbene il prodotto non tema attacchi da agenti atmosferici è preferibile stoccare i casseri in luoghi asciutti e riparati dalla luce diretta del sole.

The operations of placing, assembly, disassembly, plumb, handling and cleaning of the Skydome product, as well as the pouring of the concrete must be carried out by qualified and properly trained personnel, or under the supervision of the Site Manager or an Engineer of Geoplast SpA, who must ensure that:

- all the above operations are carried out in a workmanlike manner,
- every person working with the formwork is equipped with suitable tools and personal protective equipment to perform all necessary actions in compliance with the safety standards,
- all formworks and the supplied accessories are checked before use, and that any part that does not meet the minimum standards of reliability and safety due to deformation or breakage is discarded,
- the formwork is installed on a perfectly flat surface, so as to work in maximum safety conditions,
- all connections, alignment and plumb accessories of the formworks are tight and fixed to the ground before beginning the pour.

Geoplast SpA disclaims any liability arising from improper use of the formwork Skydome. Any assembly of formwork and/or use of accessories otherwise described in this manual must first be approved by Geoplast SpA.

Le operazioni di posizionamento, montaggio, smontaggio, messa a piombo, movimentazione e pulizia del prodotto Skydome, nonché del getto del calcestruzzo, devono essere effettuate da personale competente e debitamente istruito o comunque sotto il controllo del responsabile di cantiere oppure di un tecnico Geoplast SpA, i quali devono assicurarsi che:

- tutte le operazioni sopra elencate vengano svolte a regola d'arte,
- gli addetti alle operazioni sopra elencate siano muniti di idonea strumentazione e di dispositivi di protezione individuale per poter effettuare tutte le azioni nel pieno rispetto delle norme di sicurezza,
- tutti i casseri e gli accessori in dotazione vengano controllati prima del loro utilizzo, in modo tale da poter eliminare quelli che non abbiano sufficiente garanzia di affidabilità a causa di eventuali presenze di rotture e/o deformazioni,
- il piano di appoggio dei casseri sia perfettamente piano, in modo da poter operare in massima sicurezza,
- tutti gli accessori di collegamento, di allineamento e di piombatura dei casseri, siano ben serrati e fissati al suolo prima di iniziare le operazioni di getto.

Geoplast SpA declina ogni responsabilità derivante da un uso improprio dei casseri Skydome. Eventuali assemblaggi dei casseri e/o uso di accessori diversamente illustrati in questo manuale, devono essere prima approvati da Geoplast SpA.



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