



Joerns Oxford® Overhead Rail Systems Site Survey Assessment Checklist

Surveyor Name:	Project:	Survey Date:
Site Address:	Provisional Installation Date:	

Contact Details:	Installation Type:
Name:	<input type="checkbox"/> Private Residence
Telephone Number:	<input type="checkbox"/> Hospital
Mobile Number:	<input type="checkbox"/> Nursing Home
Email:	<input type="checkbox"/> Other

General Information:			
Is the facility under construction at time of assessment?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Are architectural plans available?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Architect Name:

Room Availability:				
Quantity of rooms available	_____ Rooms	<input type="checkbox"/> Per day	From:	To:
	_____ Rooms	<input type="checkbox"/> All at the same time	From:	To:
Authorised installation days		<input type="checkbox"/> Monday to Friday	From:	To:
		<input type="checkbox"/> Saturday	<input type="checkbox"/> Sunday	

Logistics Information:		
Is an unloading dock available?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Is secure/undercover storage available?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Distance from unload point to install site	_____ meters	
Can rail components be manoeuvred into installation? (consider stairs, hallways, doorways, windows, elevators, etc.)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Is manpower assistance available for unloading?	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Environmental:		
Are asbestos/hazardous substances possibly present in the installation area?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Are infection control measures required?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Are accurate positions of hidden/visible services available? (Gas, Electric, Water, Radiators, Sprinklers)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Electrical & Charging:		
Is an existing mains supply available?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
If no, does an electrical contractor need to be employed prior to installation?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Do existing lights/services need re-locating prior to installation?	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Remember to indicate the optimum charging position/mains connection on the room drawing

Charging Type:	<input type="checkbox"/> End of rail	<input type="checkbox"/> Continuous Charge
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Lift Motor & Rail System SWL and Motor Configuration:	
Maximum possible weight of client _____ kg/lbs	Maximum Rail System SWL _____ kg/lbs
NOTE: The maximum SWL of the lift motor should not exceed the maximum rated SWL of the rail system. The maximum SWL of the Elara 227 can be downgraded to either 130kg or 180kg.	
Is a powered lateral traverse required? (4-way Motor)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Recommended Lift Motor:	
<input type="checkbox"/> Elara 227 2-way	<input type="checkbox"/> Elara 227 4-way <input type="checkbox"/> Elara 284 2-way <input type="checkbox"/> Elara 284 4-way <input type="checkbox"/> Portable Lift
Infra Red Control:	<input type="checkbox"/> Yes <input type="checkbox"/> No

Accessories

Spreader Bar:

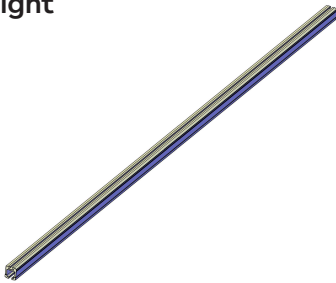
6-point (Loops):	<input type="checkbox"/> Paediatric	<input type="checkbox"/> Standard	<input type="checkbox"/> Large	
4-point (Clips):	<input type="checkbox"/> Manual	<input type="checkbox"/> Shallow	<input type="checkbox"/> Standard	<input type="checkbox"/> Powered (APC)
<input type="checkbox"/> Weigh Scale				

Sling Type:		Quantity:
Sling Size:		Quantity:

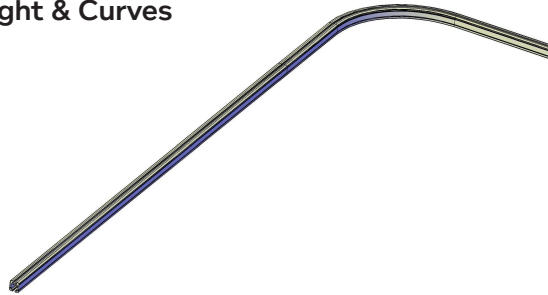
Rail System Configurations:

<input type="checkbox"/> Ceiling mounted	Wall mounted:	<input type="checkbox"/> Post	(For construction type and material see 'Support Structure' section)
		<input type="checkbox"/> Bracket	
System Type:			
<input type="checkbox"/> Monorail	<input type="checkbox"/> Room Covering X-Y	<input type="checkbox"/> Room Covering X-Y Plus Gate	
<input type="checkbox"/> Turntable	Switch Track 90°:	<input type="checkbox"/> RH	<input type="checkbox"/> LH
<input type="checkbox"/> Recessed Rail			

Straight



Straight & Curves



Rail Type:	Lengths	Qty
<input type="checkbox"/> LT		
<input type="checkbox"/> LT Flange		
<input type="checkbox"/> Standard		
<input type="checkbox"/> Standard Flange		
<input type="checkbox"/> Max		
<input type="checkbox"/> HD		

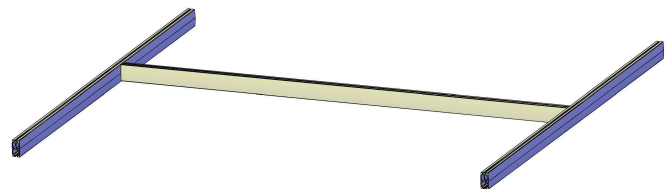
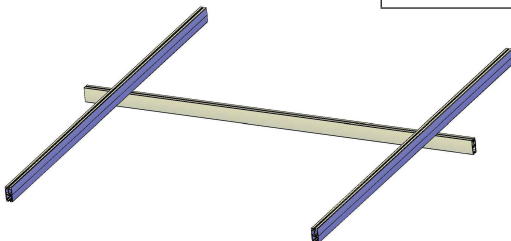
Rail Type:	Lengths	Qty
<input type="checkbox"/> LT		
<input type="checkbox"/> LT Flange		
<input type="checkbox"/> Max		

Curve	Standard	Flanged
30°	<input type="checkbox"/>	<input type="checkbox"/>
45°	<input type="checkbox"/>	<input type="checkbox"/>
60°	<input type="checkbox"/>	<input type="checkbox"/>
90°	<input type="checkbox"/>	<input type="checkbox"/>

Turntable:	<input type="checkbox"/> 90°	Switch Track 90°:	<input type="checkbox"/> RH	<input type="checkbox"/> LH
Compatible with LT and Max rail only				

Room Covering X-Y

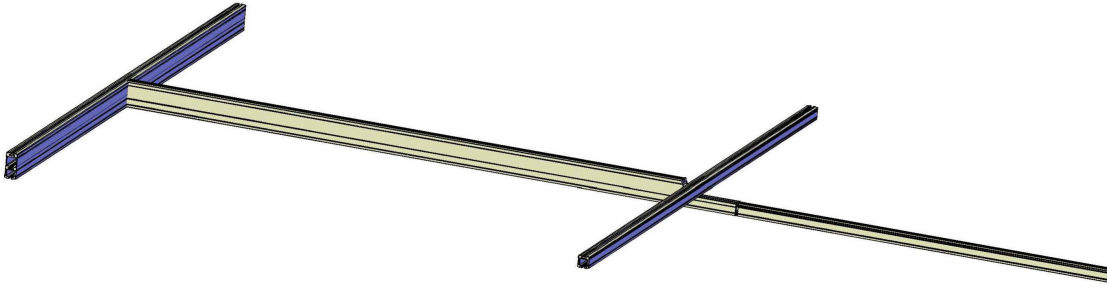
<input type="checkbox"/> Under Hung	<input type="checkbox"/> Flush
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Rail Type:	Fixed Rails	Lengths	Quantity	Traversing Rail	Length	Quantity
<input type="checkbox"/> LT	<input type="checkbox"/>			<input type="checkbox"/>		
<input type="checkbox"/> LT Flange	<input type="checkbox"/>					
<input type="checkbox"/> Standard	<input type="checkbox"/>			<input type="checkbox"/>		
<input type="checkbox"/> Standard Flange	<input type="checkbox"/>					
<input type="checkbox"/> Max	<input type="checkbox"/>			<input type="checkbox"/>		
<input type="checkbox"/> HD	<input type="checkbox"/>			<input type="checkbox"/>		

Rail System Configurations:

Room Covering X-Y Plus Gate



Rail Type:	Fixed Rails	Length	Qty
<input type="checkbox"/> LT	<input type="checkbox"/>		
<input type="checkbox"/> Max	<input type="checkbox"/>		

Traversing Rail	Length	Qty
<input type="checkbox"/>		
<input type="checkbox"/>		

Secondary Rail	Length	Qty
<input type="checkbox"/>		
<input type="checkbox"/>		

Quantity:

Gate mechanism

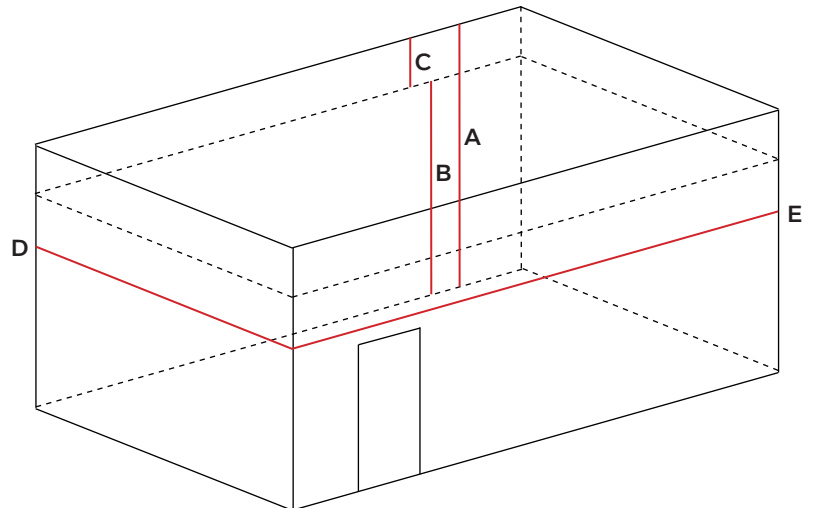
Room / Area Dimensions:

A - Floor to ceiling	_____ mm
B - Floor to suspended ceiling	_____ mm
C - Suspended ceiling to ceiling	_____ mm
D - Width of room	_____ mm
E - Length of room	_____ mm

* Mark and dimension position of doorways, windows, obstacles etc

Obstacles to consider:

- Sprinklers (Minimum 3 x distance from ceiling)
- Lights (Maintenance)
- Curtain tracks
- Ventilation ducts
- Radiant ceiling panels
- Fire/smoke detectors
- Ceiling fans
- TV sets/Audio speakers - Ceiling/Wall mounted
- Door headers
- Other: _____



Supporting Structure

Wall Mounting

Material in Walls:

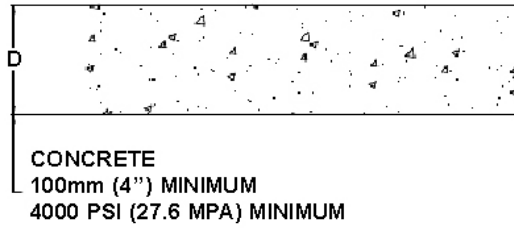
<input type="checkbox"/> Concrete	<input type="checkbox"/> Plaster board - Wooden battens
<input type="checkbox"/> Brick	<input type="checkbox"/> Plaster board - Dabbed
<input type="checkbox"/> Light weight concrete	<input type="checkbox"/> Particle boards - Masonite
<input type="checkbox"/> Leca blocks	<input type="checkbox"/> Tiles
<input type="checkbox"/> Other:	

Service Channel / Skirting Board / Trunking Channel:

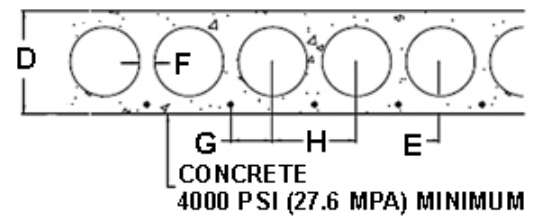
Position on wall from floor From _____ mm To _____ mm

Ceiling Mounting Structure

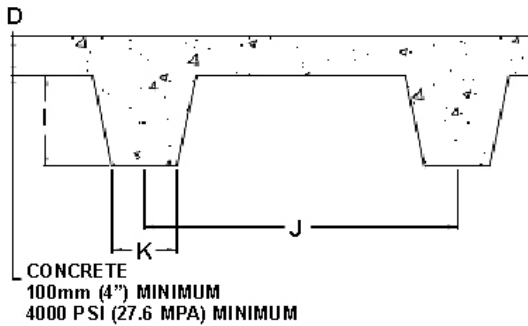
S1 - Concrete: Slab



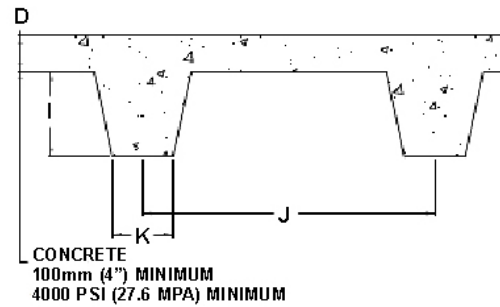
S2 - Concrete: Hollow Core



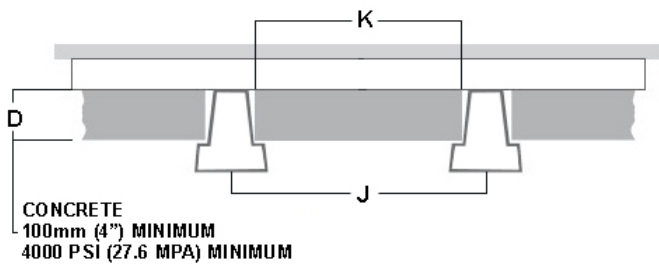
S3 - Concrete: Beam



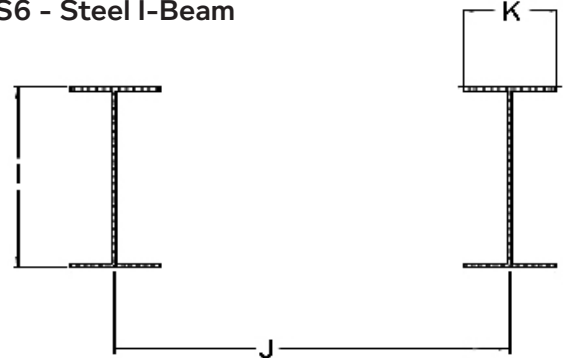
S4 - Concrete: Steel Pan Deck



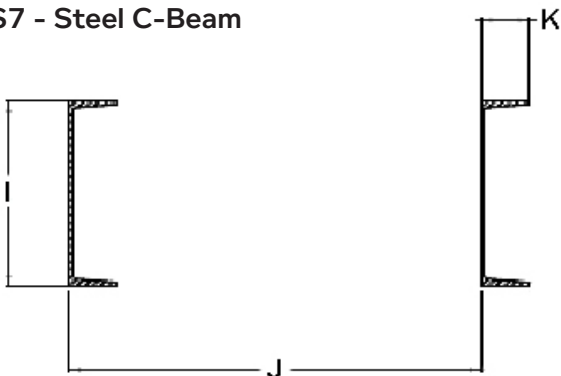
S5 - Concrete Block & Beam



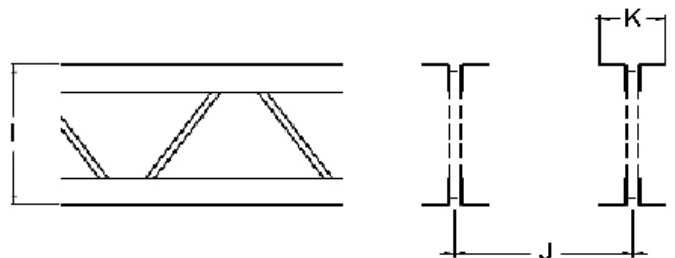
S6 - Steel I-Beam



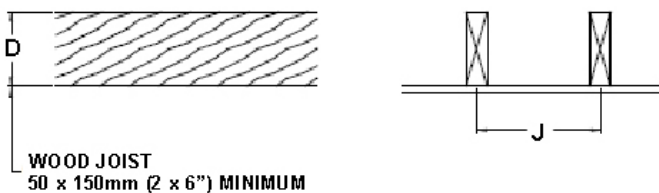
S7 - Steel C-Beam



S8 - Open Web Steel Joist

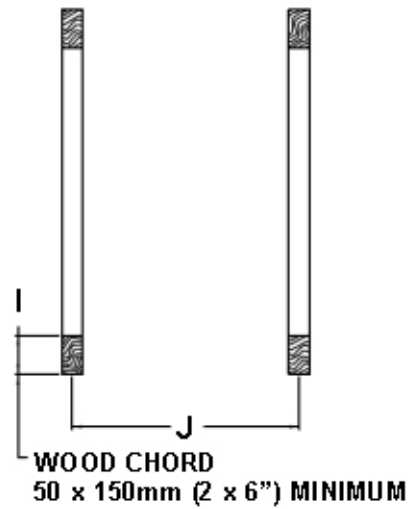
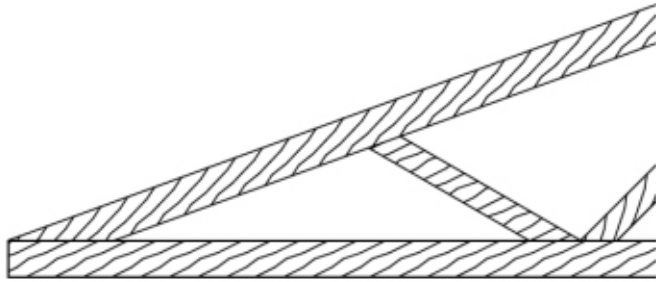


S9 - Wood Joist

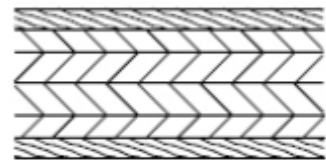
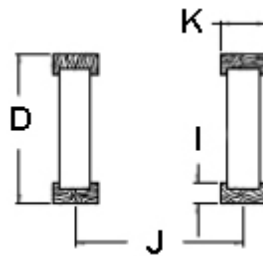
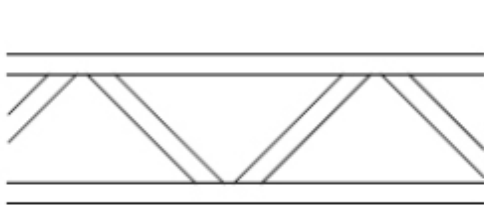


Ceiling Mounting Structure

S10 - Wood Truss



S11 - Engineered Wood Beam



ENGINEERED WOOD I-BEAM



ENGINEERED WOOD BEAM TRUSS WITH WOOD STUD



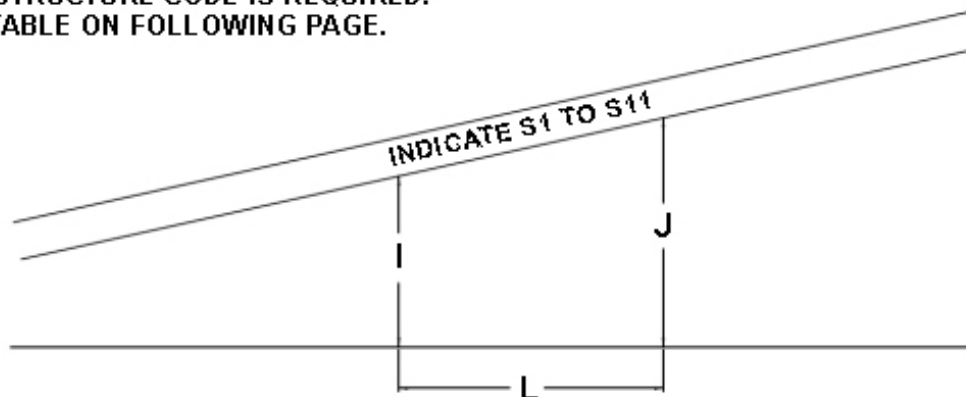
ENGINEERED WOOD BEAM TRUSS WITH STEEL TUBE



ENGINEERED WOOD I-BEAM WITH PLYWOOD (GLUE LAMINATED BEAM)

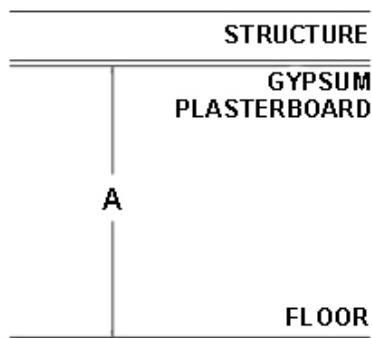
S12 - Cathedral Ceiling

NOTE:
IN ADDITION TO CATHEDRAL CEILING SLOPE MEASUREMENTS (I, J, L), FASTENING STRUCTURE CODE IS REQUIRED. COMPLETE TABLE ON FOLLOWING PAGE.

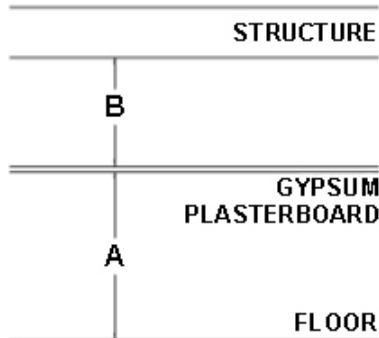


Ceiling Mounting Structure

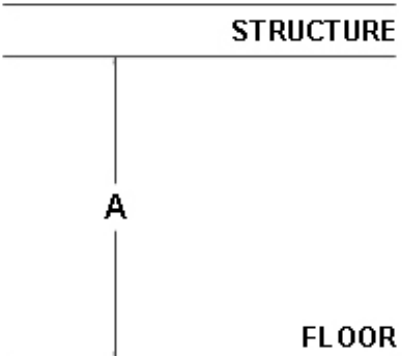
C1 - Direct to Drywall Covered Structure



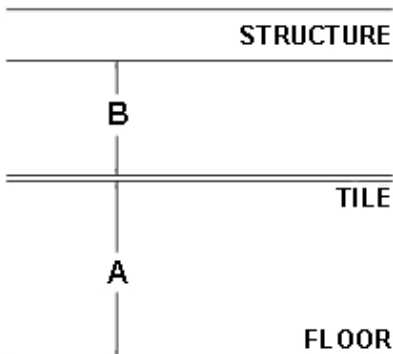
C2 - Suspended Drywall from Structure



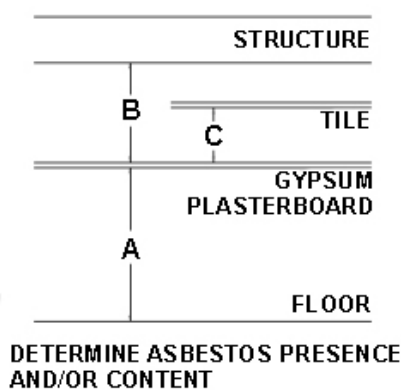
C3 - Direct to Structure



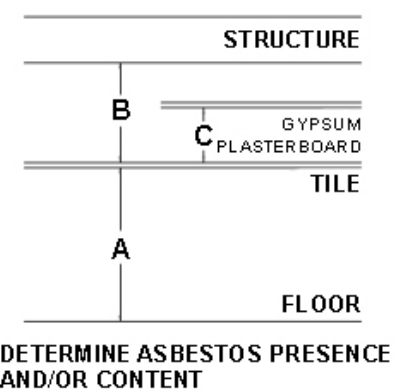
C4 - Suspended Tile from Structure



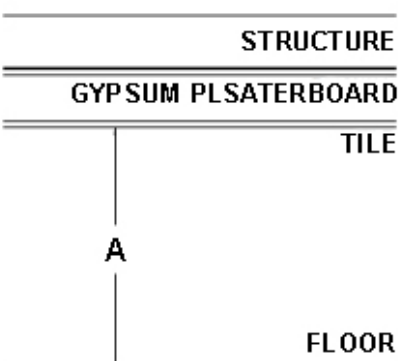
C5 - Ceiling Suspended



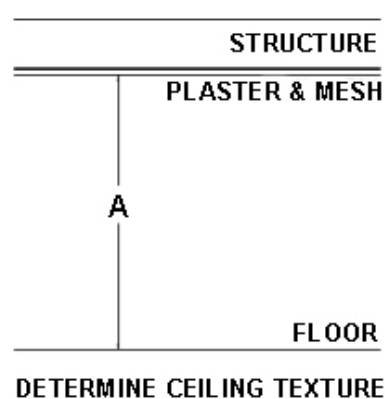
C6 - Ceiling Suspended



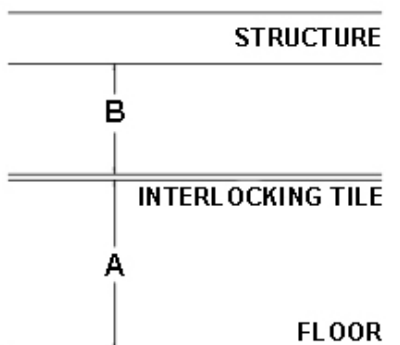
C7 - Suspended Tile Direct to Drywall Covered Structure



C8 - Direct to Plaster Covered Structure

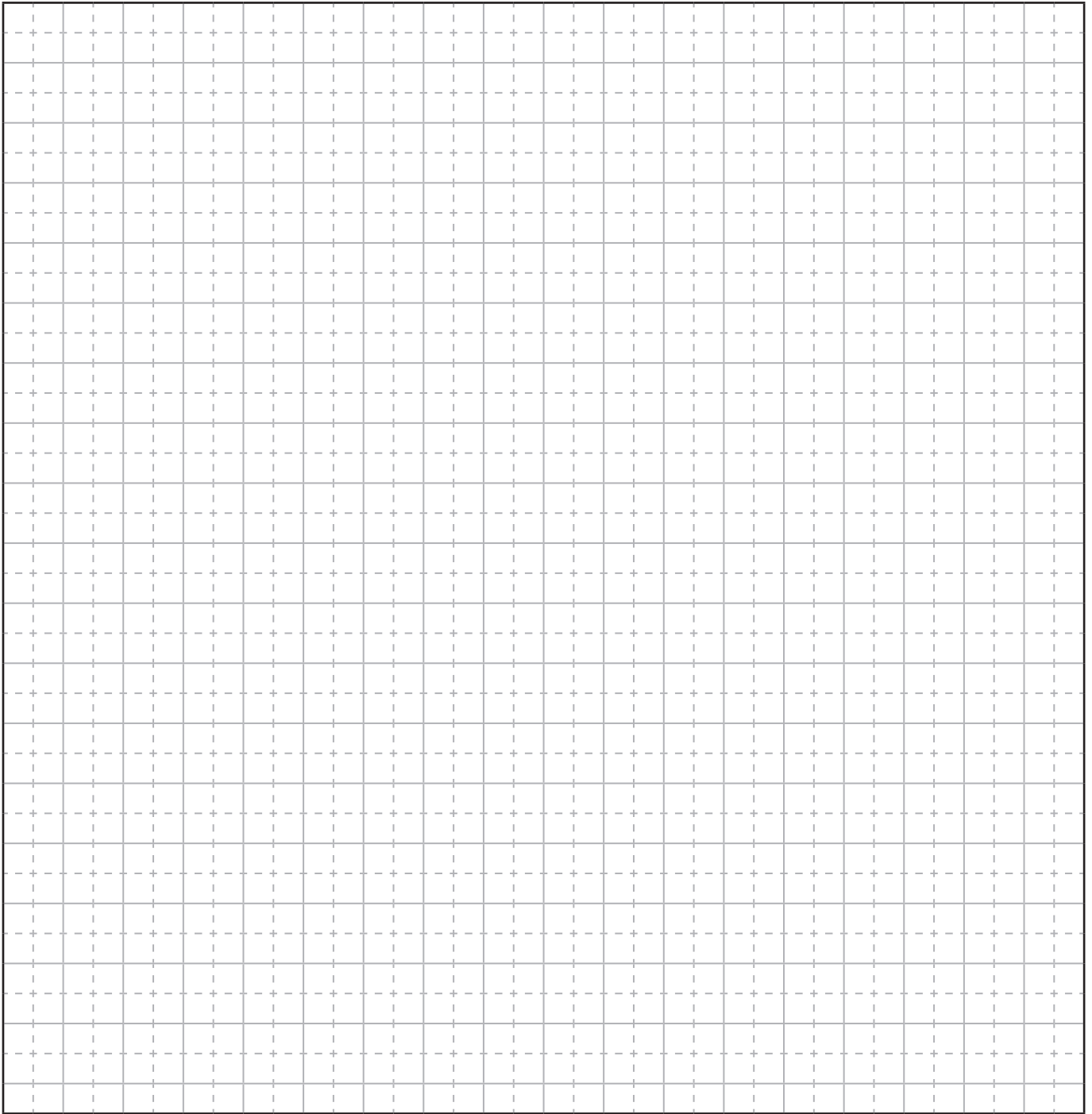

















C9 - Interlocking Suspended Tile (Speed Tile)



Scale: 1:50 (10mm = 500mm)

Room Number: _____



TOILET		VENT		SPRINKLER		CHARGER	
BED		LIGHT PANEL		HEAT DETECTOR		CURTAIN RAIL	
TV		DOOR		SMOKE DETECTOR		IV RAIL	
		WINDOW		PROJECTING LIGHT		MAINS ELECTRIC OUTLET	

** Please indicate all possible obstructions and/or concerns existing in the current space in order for the concerns to be properly addressed in the early stages of the project.**

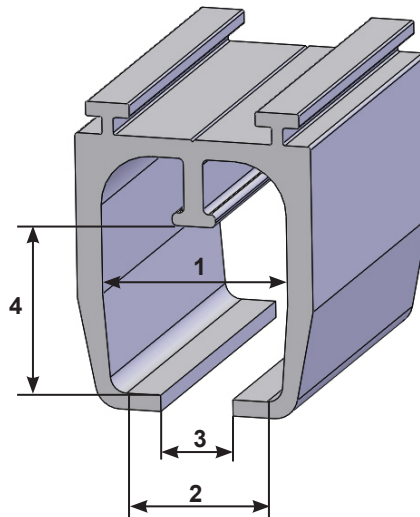
Photographs / Architects drawings file location:

Installation of Joerns Lift Motor in other Manufacturer's Existing Rail Systems

Rail Make (If known):				
Rail Variant (If known):				
Charge Type:	Current: <input type="checkbox"/> AC <input type="checkbox"/> DC	<input type="checkbox"/> End Charge	<input type="checkbox"/> Constant Charge	<input type="checkbox"/> Handset Charge

Take photographs of charge type and attach.

Track Dimensioning of other Manufacturer's Existing Rail Systems



1) Minimum internal rail dimension on vertical wall. <i>Be aware that wall may taper at lower section</i>	_____ mm
2) Inside track dimension on which rollers run. <i>Ensure only the flat section is measured, not into the radius</i>	_____ mm
3) Distance between rail opening	_____ mm
4) Height clearance for wheels	_____ mm

NOTE: To enable the above required dimensions to be measured may require the removal of the blanking end plate/cap or the removal of rail end stop/charging rail stopper.

WARNING: When considering any Joerns overhead lift motor as a replacement for use in other manufacturer's existing rail systems, the maximum rated safe working load of the lift motor should not exceed the maximum rated load of the rail system.

If the maximum rated load of the lift motor exceeds the maximum rated load of the rail system, additional supporting brackets must be installed to increase the maximum rated load of the rail system to equal/exceed the maximum rated load of the lift motor. Alternatively, if the lift motor has the facility and it is acceptable to the installation requirements (i.e. maximum patient weight), a lower maximum load may be selected.