COMPANION DOCUMENT TO REPORT NO : SCNZ 12 : 2022 CODE OF PRACTICE FOR STRUCTURAL STEELWORK DOCUMENTATION

# SteelDoc Checklists





STEEL CONSTRUCTION NEW ZEALAND

# STEELDOC Checklists

Companion document to report No. SCNZ12:2002 Code of Practice for Structural Steelwork Documentation

March 2022

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#### March 2022

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SCNZ has three key objectives, to:

- Promote awareness of the advantages of steel construction
- Foster excellence in the delivery of steel construction solutions
- Encourage training and career development within the steel construction sector

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# **Document Control**

Revision History				
Revision	Date	Description	Prepared by	
	March 2002	Companion SteelDoc checklist document in editable Word format published	AJF/KC	

# **GUIDE TO THE USE OF CHECKLISTS**

This companion publication to SteelDoc contains checklists to assist structural engineers in the process of co-ordinating and checking completeness of contract documentation.

The checklists cover the allocation of tasks as well as the completeness of structural steelwork drawings.

They may be used as project specific checklists for projects which warrant additional quality assurance such as large or complex projects. Alternatively, they may be used to review and update existing company structural steelwork documentation quality management procedures.

# PROJECT CONTACTS LIST

Project Name: \_\_\_\_\_\_

Site Address: \_\_\_\_\_

Details of the parties involved in the design of this project are as follows:

		Company	Contact Person	Phone	Email
1	Structural				
2	Architect				
3	HVAC				
4	Mechanical				
5	Electrical				
6	Civil				
7	Sprinkler				
8	Main Contractor				
9	Steel Constructor				

SCNZ STEEL CONSTRUCTION

The checklist identifies the agreed responsibilities for the design and documentation of structural steelwork within this project. The default allocation of responsibilities may be modified to suit the project.

#### Project:

Date:

#### 1 GENERAL NOTES AND SPECIFICATIONS

2	PLANS



Item	Description	Responsibility	Date
1.1	Material grades specified for all structural items.	Struct.	
1.2	Bolts completely specified (grades, installation procedures).	Struct.	
1.3	Welding completely specified (weld types, grade, quality, sizes).	Struct.	
1.4	Oversize hole criteria given for the typical connection holes.	Struct.	
1.5	Oversize hole criteria given for the anchor bolt/base plate holes.	Struct.	
1.6	Paint, galvanising, and metal spray requirements specified.	Struct.	
1.7	Paint and no-paint areas completely specified.	Struct.	
1.8	Galvanised and metal spray areas completely specified.	Struct.	
1.9	Drill in or masonry anchors specified.	Struct.	
1.10	Standard notes complete.	Struct.	
1.11	Shop drawing review procedures specified.	Struct.	
1.12	All material, fabrication, and coating inspection and testing requirements specified.	Struct.	
1.13	All special construction procedures and sequences specified.	Struct.	
1.14	Passive fire protection requirements noted.	Struct.	

ltem	Description	Responsibility	Date
2.1	All grids defined and dimensioned.	Architect	
2.2	All member sizes and orientations specified.	Struct.	
2.3	Plan location and orientation of each column specified.	Struct.	
2.4	Specific location of each beam dimensioned.	Struct.	
2.5	Sufficient reference dimensions given in non- rectangular areas.	Struct.	
2.6	Beams requiring pre-cambering clearly identified.	Struct.	
2.7	Shear studs specified.	Struct.	
2.8	Details provided for any other special reinforcing plates to be included.	Struct.	
2.9	The purlin span details provided e.g., single, double, lapped, and lap length.	Struct.	
2.10	Roof purlin bridging, fly bracing, and light cross bracing clearly specified and located.	Struct.	
2.11	Specific dimensions provided for trimming out openings for other trades e.g., Air conditioning ducts, stair/lift voids	Struct.	
2.12	Gutter slopes and fall directions clearly identified.	Struct.	
2.13	All relevant steelwork plans, elevations, and connection drawings; and electrical, HVAC, mechanical, and architectural drawings referenced and coordinated.	Struct.	
2.14	Standard connectons specified (e.g., WP30 NC).	Struct.	

1.15	Member seismic categories specified for	Struct.	
	elements of lateral load resisting systems.		
1.16	Fixings to timber elements specified.	Struct.	
1.17	Construction category/categories specified.	Struct.	
1.18	Weld failure consequence category/categories specified.	Struct.	
1.19	Seismic weld demand category/categories specified.	Struct.	
1.20	The extent of any steel elements subject to architecturally exposed structural steel requirements including AESS designation specified.	Struct.	
1.21	Fabricator qualifications specified.	Struct.	
1.22	Sourcing requirements to ensure the supply of compliant structural steels specified.	Struct.	
1.23	Any amendments to AS/NZS 5131 default requirements specified (e.g., treatment grades, functional tolerances, Quality plans for CC2 projects etc.).	Struct.	
1.24	Proprietary system specified.	Struct.	
1.25	Propping requirements specified.	Struct.	
1.26	Other (specify)	Struct.	

2.15	Correct detail referencing.	Struct.	
2.16	Other (specify)	Struct.	

The checklist identifies the agreed responsibilities for the design and documentation of structural steelwork within this project. The default allocation of responsibilities may be modified to suit the project.

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#### Project:

Date:

#### 3 ELEVATIONS AND SECTIONS

ltem	Description	Responsibility	Date
3.1	All grids defined and dimensioned.	Architect	
3.2	All member sizes and orientations specified.	Struct.	
3.3	All RL's of bottom of base plates shown.	Struct.	
3.4	All top of steel RL's (TOS) given.	Struct.	
3.5	All column, rafter, and beam splice locations given.	Struct.	
3.6	"Between floor" member locations specifically dimensioned.	Struct.	
3.7	Sufficient reference dimensions given in sloping areas.	Struct.	
3.8	Specific dimensions provided for trimming out openings for other trades e.g., window/door openings.	Struct.	
3.9	Girts, hangers, fly braces, and cross-bracing specifically dimensioned and located.	Struct.	
3.10	Supports for door opening machinery coordinated with door supplier.	Struct.	
3.11	Standard connections fully specified (e.g., WP30 NC).	Struct.	
3.12	Correct detail referencing.	Struct.	

#### CONNECTIONS



ltem	Description	Responsibility	Date
4.1	Columns		
4.1.1	All base plates and hold down bolt connections designed, specified, and sufficiently dimensioned.	Struct.	
4.1.2	Grout thickness sufficient to contain the jacking nuts.	Struct.	
4.1.3	The bottom ends of the hold down bolts sufficiently contained within the footings and sufficiently dimensioned.	Struct.	
4.1.4	Top ends of the hold down bolts sufficiently covered with the finish floor and sufficiently dimensioned.	Struct.	
4.1.5	All other construction items such as rebar unaffected by the hold down installation.	Struct.	
4.1.6	The hold down bolt patterns sufficiently contained within the footings and sufficiently dimensioned.	Struct.	
4.1.7	Column to column splice details and locations.	Struct.	
4.1.8	If required, column caps specified.	Struct.	
4.1.9	Other (specify)	Struct.	
4.2	Beams		
4.2.1	Other cast-in or site drilled connections designed, specified, and sufficiently dimensioned.	Struct.	

3.13	Other (specify)	Struct.		2

4.2.2	Cast-ins suffiently contained in the walls and/or floor slabs.	Struct.
4.2.3	All other construction items, such as rebar, unaffected by the cast-in or site drilled connection installation.	Struct.
4.2.4	Beams to cast-ins or drilled on-site connections.	Struct.

The checklist identifies the agreed responsibilities for the design and documentation of structural steelwork within this project. The default allocation of responsibilities may be modified to suit the project.

#### Project:

Date:

#### 4 CONNECTIONS (continued)

Item	Description	Responsibility	Date
4.2	Beams continued		
4.2.5	Beam to beam one-sided	Struct.	
4.2.6	Beam to beam two-sided	Struct.	
4.2.7	Beam to beam splice	Struct.	
4.3	Beam to column		
4.3.1	Non-moment beam to column flange	Struct.	
4.3.2	Non-moment beam to column web	Struct.	
4.3.3	Moment beam to column flange	Struct.	
4.3.4	Moment beam to column web	Struct.	
4.3.5	Beam on supporting column	Struct.	
4.3.6	Column to supporting beam	Struct.	
4.4	Bracing to beams or columns	Struct.	
4.5	Connections for FOB items	Struct.	
4.3.6	Other (specify)	Struct.	

5 STAIRS



ltem	Description	Responsibility	Date
5.1	All relevant grids defined and dimensioned.	Architect	
5.2	All member sizes and orientations specified.	Struct.	
5.3	Specific dimensioning given to locate the	Struct.	
	stairs in relation to the main structure.	<u>.</u>	
5.4	All RL's of bottom of base plates shown.	Struct.	
5.5	All top of steel RL's (TOS) given and set downs noted.	Struct.	
5.6	All column splice locations given.	Struct.	
5.7	"Between floor" members specifically dimensioned.	Struct.	
5.8	Sufficient reference dimensions given in sloping areas.	Struct.	
5.9	Cast-in fixings to concrete work coordinated with concrete drawings.	Struct.	
5.10	All relevant steelwork plans, elevations, and connection Drawings and Architect Drawings referenced and coordinated.	Struct.	
5.11	Connections fully specified.	Struct.	
5.12	Correct detail referencing.	Struct.	
5.13	Other (specify)	Struct.	

The checklist identifies the agreed responsibilities for the design and documentation of structural steelwork within this project. The default allocation of responsibilities may be modified to suit the project.

#### Project:

Date:

#### 6 LIFT FRAMING

Item	Description	Responsibility	Date
6.1	All relevant grids defined and dimensioned.	Architect	
6.2	All member sizes and orientations specified.	Struct.	
6.3	Specific dimensions given to locate lift framing in relation to the main structure.	Struct.	
6.4	All RL's of bottom of base plates shown.	Struct.	
6.5	All top of steel RL's (TOS) given and set downs noted.	Struct.	
6.6	All column splice elevations given.	Struct.	
6.7	"Between floor" members specifically dimensioned.	Struct.	
6.8	All relevant steelwork plans, elevations, and connection Drawings and Electrical, Mechanical, and Architectural Drawings referenced and coordinated.	Struct.	
6.9	Connections fully specified.	Struct.	
6.10	Correct detail referencing.	Struct.	
6.11	Other (specify)	Struct.	

#### 7 WALKWAYS AND ACCESS LADDERS

Item	Description	Responsibility	Date
7.1	All relevant grids defined and dimensioned.	Architect	
7.2	All member sizes and orientations specified.	Struct.	
7.3	Specific dimensioning given to locate all framing in relation to the main structure.	Struct.	
7.4	All RL's of bottom of base plates shown.	Struct.	
7.5	All top of steel RL's (TOS) given and set downs noted.	Struct.	
7.6	All member splices located	Struct.	
7.7	"Between floor" members specifically dimensioned.	Struct.	
7.8	Hand and guard-rails specified and set out dimensions given.	Struct.	
7.9	Foot tread plate, foot mesh, ladder rungs and fixings specified and set out.	Struct.	
7.10	All relevant steelwork plans, elevations, and connection Drawings and Electrical, HVAC, Sprinkler, and Architectural Drawings referenced and coordinated.	Struct.	
7.11	Connections fully detailed.	Struct.	
7.12	Correct detail referencing.	Struct.	
7.13	Other (specify)	Struct.	

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STEEL CONSTRUCTION NEW ZEALAND

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The checklist identifies the agreed responsibilities for the design and documentation of structural steelwork within this project. The default allocation of responsibilities may be modified to suit the project.

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#### Project:

Date:

#### 8 OVERHEAD CRANE RUNWAY GIRDERS

Item	Description	Responsibility	Date
8.1	All relevant grids defined and dimensioned.	Architect	
8.2	All member sizes and orientations specified.	Struct.	
8.3	All RL's of bottom of base plates shown.	Struct.	
8.4	All top of steel RL's (TOS) given.	Struct.	
8.5	Members specifically dimensioned.	Struct.	
8.6	Pre-cambers specified.	Struct.	
8.7	Special levelling tolerances specified.	Struct.	
8.8	Crane rail and crane rail attachment systems to girders adequately specified.	Struct.	
8.9	End buffer specified.	Struct.	
8.10	The design satisfies crane supplier requirements for serviceability and strength.	Struct.	
8.11	Any foot tread plate, foot mesh, and fixings specified and set out.	Struct.	
8.12	All relevant steelwork plans, elevations, and connection Drawings and Electrical, HVAC, Sprinkler, and Architectural Drawings referenced and coordinated.	Struct.	
8.13	Girder splices located	Struct.	
8.14	Connections fully specified	Struct.	
8.15	Correct detail references	Struct.	
8.16	Other (specify)	Struct.	

#### HVAC / SPRINKLER / ELECTRICAL SUPPORTS



Item	Description	Responsibility	Date
9.1	All relevant grids defined and dimensioned.	Architect	
9.2	All member sizes and orientations specified.	Struct.	
9.3	Specific dimensioning given to locate all the framing in relation to the main structure.	Struct.	
9.4	All top of steel RL's (TOS) given and set downs noted.	Struct.	
9.5	All relevant steelwork plans, elevations, and connection Drawings and Electrical, HVAC, Sprinkler and Architectural Drawings referenced and coordinated	Struct.	
9.6	Connections fully specified	Struct.	
9.7	Correct detail references	Struct.	
9.8	Other (specify)	Struct.	

The checklist identifies the agreed responsibilities for the design and documentation of structural steelwork within this project. The default allocation of responsibilities may be modified to suit the project.

Project:

Date:

#### 10 CLADDING SYSTEMS

Item	Description	Responsibility	Date
10.1	All relevant grids defined and dimensioned.	Architect	
10.2	All member sizes and orientations specified.	Struct.	
10.3	Specific dimensioning given to locate any framing for cladding panels in relation to the main structure.	Struct.	
10.4	All top of steel RL's (TOS) given and set downs noted.	Struct.	
10.5	"Between floor" members specifically dimensioned.	Struct.	
10.6	Relevant steelwork plans, elevations, and connection Drawings, Architectural Drawings, and any other proprietary drawings referenced and coordinated.	Struct.	
10.7	Connections fully detailed	Struct.	
10.8	Correct detail referencing	Struct.	
10.9	Other (specify)	Struct.	

SCNZ STEEL CONSTRUCTION

# STRUCTURAL STEELWORK DRAWINGS LIST

List drawing numbers of all drawings necessary to prepare shop drawings, order materials, fabricate, coat, and erect steelwork required as part of the contract works. Project: Date:



	Drawing Category	Drawing Title	Drawing	Due date				Other Refer	enced Drav	vings		
		Ŭ	No.		Architect	HVAC	Mechanical	Electrical	Civil	Sprinkler	Main Contractor	Other
1	General notes and											
	specifications											
2												
3												
4	Plans											
5												
6												
7												
8	Elevations & Sections											
9												
10												
11												
12												
13	Connections											
14												
15												
16												
17												
18	Stairs											
19												
20												
21												
22												
23	Lift Framing											
24												
25												

26							
27							
28	Walkways and Access Ladders						
29							
30							
31							
32	Overhead Crane Runway Girders						
33							
34							
35							
36	HVAC / Sprinkler / Electrical Supports						
37							
38							
39							
40	Cladding Systems						
41							
42							
43							
44							
45							
46							
47							
48							

DOCU	MENTATION DRAWING COMPLETION CHECKLIST				Page 1
Project Drawing Drawing Revisior	Name: g type: General Notes and Specifications g title: h:	Drawing Number: Issue purpose: Issue date:			SCNZ STEEL CONSTRUCTION NEW ZEALAND
Other N	on-Steelwork Drawings Referenced				
Consult	ant Drawing Aspect Governed		Consultant Dr	awing	Aspect Governed
Archited	t		Civil		
HVAC			Sprinkler		
Mechan	ical		Main Contractor		
Flectrica	1		Other		
Item	Description	Issue Category	Completion Checked	Comments	
1.1	Material grades specified for all structural items.	M	completion checked	connients	
1.2	Bolts completely specified (grade, installation procedures).	С			
1.3	Welding completely specified (weld type, grade, quality, sizes).	C			
1.4	Oversize hole criteria given for the typical conneciton holes.	C			
1.5	Oversize hole criteria given for the anchor bolt/base plate	С			
	holes.				
1.6	Paint, galvanizing, and metal spray requirements specified.	М			
1.7	Paint and no-paint areas completely specified.	С			
1.8	Galvanized and metal spray areas completely specified.	М			
1.9	Drill in or masonry anchors specified.	С			
1.10	Standard notes complete.	С			
1.11	Shop drawing review procedures specified.	С			
1.12	All material, fabrication, and coating inspection and testing	М			
	requirements specified.				
1.13	All special construction procedures and sequences specified.	C			
1.14	Passive fire protection requirements noted.	М			
1.15	Member seismic categories specified for elements of lateral	C			
	load resisting systems.				
1.16	Fixings to timber elements specified.	С			
1.17	Construction category/categories specified.	M			
1.18	Weld failure consequence category/categories specified.	C			
1.19	Seismic weld demand category/categories specified.	С			
1.20	The extent of any steel elements subject to architecturally	M			
	exposed structural steel requirements including AESS				
1 21	Consignation specified.	ΝA			
1.21	ן י מטוונמנטו קטמווונמנוטווג געבנוופט.	IVI	1	1	

1.22	Sourcing requirements to ensure the supply of compliant	М	
	structural steels specified.		
1.23	Any amendments to AS/NZS 5131 default requirements	М	
	specified (e.g., treatment grades, functional tolerances,		
	Quality plans for CC2 projects etc.)		
1.24	Proprietory system specified.	С	
1.25	Propping requirements specified.	М	
1.26	Other (specify)		

Project Name: \_\_\_\_\_\_

Drawing Type: Drawing Title: Revision:	Plans	Drawing Number: Issue Purpose: Issue Date:	SCNZ
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Other Non-Steelwork Drawings Referenced

Consult	ant Drawing	Aspect Governed		Consultant D	rawing	Aspect Governed
Archited	ct			Civil		
HVAC				Sprinkler		
Mechan	nical			Main Contractor		
Electrica	al			Other		
Item	Description		Issue Category	Completion Checked	Comments	
2.1	All grids defined and dimensioned.		M			
2.2	All member sizes and orientations spec	cified.	М			
2.3	Plan location and orientation of each c	olumn specified.	C			
2.4	Specific location of each beam dimension	ioned.	C			
2.5	Sufficient reference dimensions given i	in non-rectangular	C			
	areas.					
2.6	Beams requiring pre-cambering clearly	videntified.	М			
2.7	Shear studs specified.		М			
2.8	Details provided for any other special reinforcing plates to be		С			
	included.					
2.9	The purlin span details provided e.g., s	ingle, double, lapped	C			
	and lap length.					
2.10	Roof purlin bridging, fly bracing, and lig	ght cross bracing clearly	С			
	specified and located.					
2.11	Specific dimensions provided for trimn	ning out openings for	C			
	other trades e.g., Air conditioning duct	s, Stair/lift voids.				
2.12	Gutter slopes and fall directions clearly	/ identified.	C			
2.13	All relevant steelwork plans, elevations	s and connection	C			
	drawings and Electrical, HVAC, Mechar	nical, and Architectural				
	Drawings referenced and coordinated.					
2.14	Standard connection specified (e.g., W	P30 NC)	С			
2.15	Correct detail referencing		C			
2.16	Other (specify)		C			
			1	1	1	

Project Name: \_\_\_\_\_\_

Drawing Type:	Elevations and Sections	Drawing Number:	ETEL CONST
Drawing Title:		Issue Purpose:	
Revision:		Issue Date:	

Other Non-Steelwork Drawings Referenced

Consult	ant Drawing	Aspect Governed		Consultant	Dr	awing	Aspect Governed
Archited	ct			Civil			
HVAC				Sprinkler			
Mechan	nical			Main Contractor			
Electrica	al			Other			
Item	Description		Issue Category	Completion Che	cked	Comments	
3.1	All grids defined and dimensione	ed.	M				
3.2	All member sizes and orientation	ns specified.	М				
3.3	All RL's of bottom of base plates	shown.	С				
3.4	All top of steel RL's (TOS) given.		С				
3.5	All column, rafter and beam splie	ce locations given.	М				
3.6	"Between floor" member locatio	ons specifically dimensioned.	С				
3.7	Sufficient reference dimensions	given in sloping areas.	С				
3.8	Specific dimensions provided for trimming out openings for		C				
	other trades e.g., Window/door	openings.					
3.9	Girts, hangers, fly braces and cro	oss-bracing specifically	С				
	dimensioned and located.						
3.10	Supports for door opening mach	inery coordinated with door	С				
	supplier.						
3.11	Standard connections fully speci	fied (e.g., WP30 NC)	C				
3.12	Correct detail referencing		С				
3.13	Other (specify)		С				
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ļ							
1				1		1	

Project Name: \_\_\_\_\_\_

Drawing Type:	Connections	Drawing Number:	G G G G G G G G G G G G G G G G G G G
Drawing Title:		Issue Purpose:	SCNZ NEW ZEALANI
Revision:		Issue Date:	

Other Non-Steelwork Drawings Referenced

Consulta	ant Drawing Aspec	ct Governed		Consultant	Drawing	Aspect Governed
Archited	ct			Civil		
HVAC				Sprinkler		
Mechan	nical			Main Contractor		
Electrica	al			Other		
Item	Description		Issue Category	Completion Check	red Comments	
4 1	Columns		issue category	completion check	comments	
4.1	All base plates and hold down holt connection	s designed	C			
4.1.1	specified and sufficiently dimensioned.	s acsigned,	C			
4.1.2	Grout thickness' sufficient to contain the jacki	ng nuts.	С			
4.1.3	The bottom ends of the hold down bolts suffic	iently contained	С			
	within the footings and sufficiently dimensione	ed.				
4.1.4	Top ends of the hold down bolts sufficiently co	ontained with	С			
	finish floor and sufficiently dimensioned.					
4.1.5	All other construction items such as rebar una	ffected by the	С			
	hold down installation.					
4.1.6	The hold down bolt patterns sufficiently conta	ined within the	С			
	footings and sufficiently dimensioned.					
4.1.7	Column to column splice details and locations		С			
4.1.8	If required, column caps specified		С			
4.19	Other (specify)					
4.2	Beams					
4.2.1	Other cast-in or site drilled connections design	ed, specified,	С			
	and sufficiently dimensioned.					
4.2.2	Cast-in's sufficiently contained in the walls and	d/or floor slabs.	С			
4.2.3	All other construction items, such as rebar, un	affected by the	С			
	cast-in or site drilled connection installation.					
4.2.4	Beams to cast-ins or drilled on-site connection	s.	С			
4.2.5	Beam to beam one-sided		С			
4.2.6	Beam to beam two-sided		С			
4.2.7	Beam to beam splice		С			

4.3	Beam to column		
4.3.1	Non-moment beam to column flange	С	
4.3.2	Non-moment beam to column web	С	
4.3.3	Moment beam to column flange	С	
4.3.4	Moment beam to column web	С	
4.3.5	Beam on supporting column	С	
4.3.6	Column to supporting beam	С	
4.4	Bracing to beams or Columns	С	
4.5	Connections for FOB items	С	
4.6	Other (specify)		

Project Name: \_\_\_\_\_\_

Drawing Type: Drawing Title: Revision:	Stairs	Drawing Number: Issue Purpose: Issue Date:	SCNZ
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Other Non-Steelwork Drawings Referenced

Consult	ant Drawing	Aspect Governed		Consultant D	rawing	Aspect Governed
Archited	t			Civil		
HVAC				Sprinkler		
Mechan	ical			Main Contractor		
Electrica	al			Other		
Item	Description		Issue Category	Completion Checked	Comments	
5.1	All relevant grids defined and dime	nsioned.	M		Connento	
5.2	All member sizes and orientations	specified.	M			
5.3	Specific dimensioning given to loca	te the stairs in relation to	C			
	the main structure.		-			
5.4	All RL's of bottom of base plates sh	own.	С			
5.5	All top of steel RL's (TOS) given and	l set downs noted.	С			
5.6	All column splices located.		М			
5.7	"Between floor" members specifica	ally dimensioned.	С			
5.8	Sufficient reference dimensions giv	en in sloping areas.	С			
5.9	Cast-in fixings to concrete work coo	ordinated with concrete	С			
	drawings.					
5.10	All relevant steelwork plans, elevat	ions, and connection	С			
	Drawings and Architectural Drawin	gs referenced and				
	coordinated.					
5.11	Connections fully specified.		С			
5.12	Correct detail referencing.		C			
5.13	Other (specify)		С			
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Note: For Material Order Issue, all category M items must be checked; For Construction issue, all category M and C items must be checked.

Project Name: \_\_\_\_\_

Drawing Type: Drawing Title: Revision:	Lift Framing	Drawing Number: Issue Purpose: Issue Date:	SCNZ STEEL CONST NEW ZEALANI
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Other Non-Steelwork Drawings Referenced

Consult	ant Drawing	Aspect Governed		Consultant [	Drawing	Aspect Governed
Archited	t			Civil		
HVAC				Sprinkler		
Mechan	lical			Main Contractor		
Floctrics				Other		
			1			
Item	Description		Issue Category	Completion Checked	Comments	
6.1	All relevant grids defined and dimensione	ed.	M			
6.2	All member sizes and orientations specifi	ed.	M			
6.3	Specific dimensions given to locate lift fra	aming in relation to	C			
	main structure.					
6.4	All RL's of bottom of base plates shown.		C			
6.5	All top of steel RL's (TOS) given and set downs noted.		С			
6.6	All column splices located.		C			
6.7	"Between floor" members specifically dir	nensioned.	С			
6.8	All relevant steelwork plans, elevations, a	and connection	С			
	Drawings and Electrical, Mechanical, and	Architectural				
	Drawings referenced and coordinated.					
6.9	Connections fully detailed		C			
6.10	Correct detail referencing		C			
6.11	Other (specify)		C			

#### Project Name: \_\_\_\_\_\_

Drawing Type: Drawing Title: Revision:	Walkways and Access Ladders	Drawing Number: Issue Purpose: Issue Date:	SCNZ STEEL CONST NEW ZEALANI
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Other Non-Steelwork Drawings Referenced

Consult	ant Drawing Aspect Go	verned	Consultant	Drawing	Aspect Governed
Archited	t		Civil		
HVAC			Sprinkler		
Mechan	ical		Main Contractor		
Electrica	al		Other		
Item	Description	Issue Category	Completion Checke	d Comments	
7.1	All relevant grids defined and dimensioned.	0 , M			
7.2	All member sizes and orientations specified.	М			
7.3	Specific dimensioning given to locate all framing in	elation to C			
	the main structure.				
7.4	All RL's of bottom of base plates shown.	C			
7.5	All top of steel RL's (TOS) given and set downs noted.				
7.6	All member splices located.	С			
7.7	"Between floor" members specifically dimensioned	C			
7.8	Hand and guard-rails specified and set out dimension	ns given. C			
7.9	Foot tread plate, foot mesh, ladder rungs, and fixing	s specified C			
	and set out.				
7.10	All relevant steelwork plans, elevations, and connect	tion C			
	Drawings and Electrical, HVAC, Sprinkler, and Archit	ectural			
	Drawings referenced and coordinated.				
7.11	Connections fully detailed.	C			
7.12	Correct detail referencing.	C			
7.13	Other (specify)	C			

Note: For Material Order Issue, all category M items must be checked; For Construction issue, all category M and C items must be checked.

# Project Name: \_\_\_\_\_\_

Drawing Type:	Overhead Crane Runway Girders	Drawing Number:	S S S S S S S S S S S S S S S S S S S
Drawing Title:		Issue Purpose:	
Revision:		Issue Date:	

Other Non-Steelwork Drawings Referenced

Consult	ant Drawing	Aspect Governed		Consultant	Drawing	Aspect Governed
Archited	ct			Civil		
HVAC				Sprinkler		
Mechar	nical			Main Contractor		
Electrica	al			Other		
Item	Description		Issue Category	Completion Checked	Comments	
8.1	All relevant grids defined and di	imensioned.	M			
8.2	All member sizes and orientatio	ns specified.	М			
8.3	All RL's of bottom of base plates	s shown.	C			
8.4	All top of steel RL's (TOS) given.		С			
8.5	Members specifically dimension	ned.	М			
8.6	Pre-cambers specified.		М			
8.7	Special levelling tolerances specified.		С			
8.8	.8 Crane rail and crane rail attachment systems to girders		С			
	adequately specified.					
8.9	End buffers specified.		C			
8.10	The design satisfies crane supplier requirements for		М			
	serviceability and strength.		_			
8.11	1 Any foot tread plate, foot mesh, and fixings specified and set		М			
-	out.					
8.12	All relevant steelwork plans, ele	evations, and connection	C			
	Drawings, Electrical, HVAC, Spri	nkler, and Architectural				
	Drawings referenced and coordinated.					
8.13	Girder splices located		С			
8.14	4 Connections fully detailed.		C			
8.15	5 Correct detail referencing.		C			
8.16	Other (specify)		С			

Note: For Material Order Issue, all category M items must be checked; For Construction issue, all category M and C items must be checked.

#### Project Name: \_\_\_\_\_\_

rawing Type: HVAC / Sprinkler / Electrical Supports rawing Title: evision:	Drawing Number: Issue Purpose: Issue Date:	SCNZ
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Other Non-Steelwork Drawings Referenced

Consult	ant Drawing	Aspect Governed		Consultant D	rawing	Aspect Governed
Archite	ct			Civil		
HVAC				Sprinkler		
Mechar	nical			Main Contractor		
Electric	al			Other		
Item	Description		Issue Category	Completion Checked	Comments	
9.1	All relevant grids defined and dir	mensioned.	M	•		
9.2	All member sizes and orientation	ns specified.	М			
9.3	Specific dimensioning given to locate all the framing in relation to the main structure.		С			
9.4	All top of steel RL's (TOS) given and set downs noted.		C			
9.5	All relevant steelwork plans, elevations, and connection Drawings and Electrical, HVAC, Sprinkler, and Architectural Drawings referenced and co-ordincated.		С			
9.6	Connections fully specified		С			
9.7	Correct detail references		С			
9.8	Other (specify)		С			
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Project Name: \_\_\_\_\_\_

Drawing Title:     Issue Purpose:       Revision:     Issue Date:	Drawing Type: Drawing Title: Revision:	Dr Iss Iss	Cladding Systems	Drawing Number: Issue Purpose: Issue Date:		
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Other Non-Steelwork Drawings Referenced

Consulta	ant Drawing Asp	ect Governed		Consultant D	rawing	Aspect Governed
Archited	t			Civil		
HVAC				Sprinkler		
Mechan	lical			Main Contractor		
Flectrica	al			Other		
ltom	Description		Issue Category	Completion Checked	Comments	
10.1	All relevant grids defined and dimensioned		M	completion enecked	comments	
10.1	All member sizes and orientations specified		M			
10.2	Specific dimensioning given to locate any fra	ming for cladding	C			
10.5	panels in relation to the main structure.		C			
10.4	All top of steel RL's (TOS) given and set dowr	ns noted.	С			
10.5	"Between floor" members specifically dimensioned.		С			
10.6	Relevant steelwork plans, elevations, and connection		С			
	Drawings, Architectural Drawings, and any other proprietary					
	drawings referenced and coordinated.					
10.7	Connections fully specified.		С			
10.8	Correct detail referencing.		С			
10.9	Other (specify)		С			



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