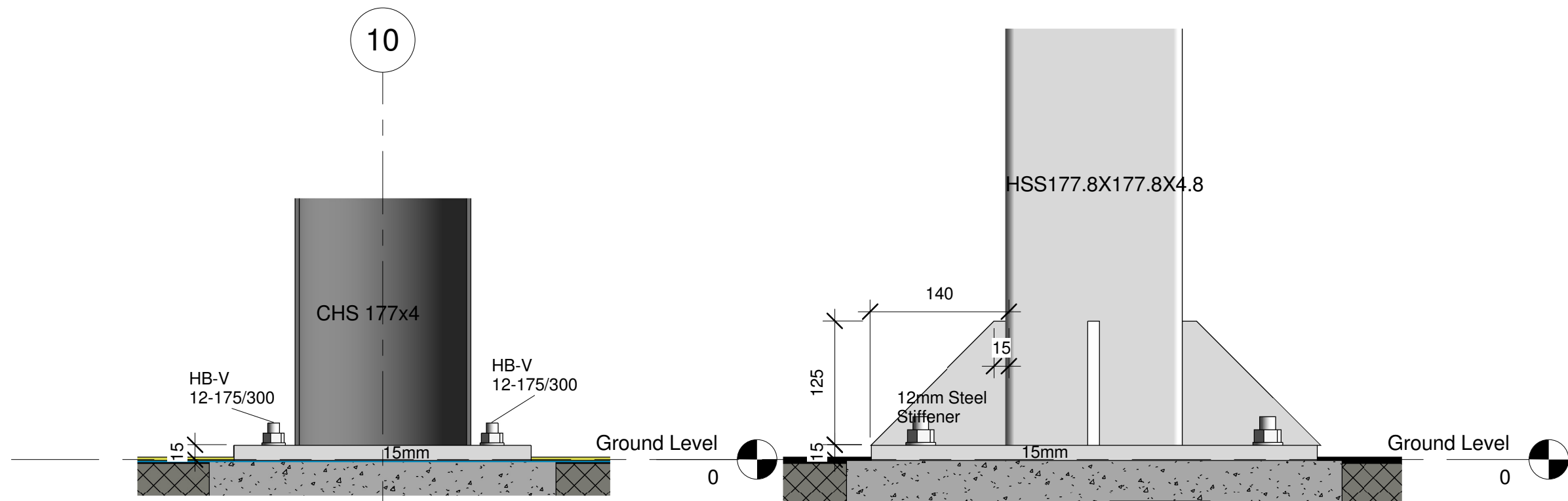


1 Double Cantilever Typical Base Plate Connection  
1 : 10

2 Single Cantilever Base Plate Details  
1 : 10



4 Double Cantilever Base Plate Connection  
1 : 5

3 Single Cantilever Base Plate Section  
1 : 5

Structural Beam System Schedule				
Count	Family and Type	Beam Type	Centerline Spacing	Layout Rule
1	Structural Beam System: Structural Framing System	CC-Half-closed channels (thin-walled)-Beam : CC 175x75x2.5	1075	Clear Spacing
1	Structural Beam System: Structural Framing System	CC-Half-closed channels (thin-walled)-Beam : CC 175x75x2.5	1075	Clear Spacing
1	Structural Beam System: Structural Framing System	CC-Half-closed channels (thin-walled)-Beam : CC 175x75x2.5	1075	Clear Spacing
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1	Structural Beam System: Structural Framing System	CC-Half-closed channels (thin-walled)-Beam : CC 175x75x2.5	1075	Clear Spacing
1	Structural Beam System: Structural Framing System	CC-Half-closed channels (thin-walled)-Beam : CC 175x75x2.5	1075	Clear Spacing

Structural Framing Schedule					
Count	Family	Family and Type	Length	Type	Volume
2	CC-Half-closed channels (thin-walled)-Beam	CC-Half-closed channels (thin-walled)-Beam: CC 175x75x2.5	1000	CC 175x75x2.5	0.00 m³
4	CHS-Round tubes-Beam	CHS-Round tubes-Beam: CHS 89x3	2417	CHS 89x3	0.00 m³
20	CHS-Round tubes-Beam	CHS-Round tubes-Beam: CHS 76x2.5	2441	CHS 76x2.5	0.00 m³
11	RHS-Rectangular tube - rounded-Beam	RHS-Rectangular tube - rounded-Beam: RHS 250x150x6	4460	RHS 250x150x6	0.02 m³
11	CHS-Round tubes-Beam	CHS-Round tubes-Beam: CHS 89x3	4631	CHS 89x3	0.00 m³
12	CHS-Round tubes-Beam	CHS-Round tubes-Beam: CHS 89x3	4681	CHS 89x3	0.00 m³
12	CHS-Round tubes-Beam	CHS-Round tubes-Beam: CHS 89x3	4691	CHS 89x3	0.00 m³
1	CC-Half-closed channels (thin-walled)-Beam	CC-Half-closed channels (thin-walled)-Beam: CC 225x75x3.5	5484	CC 225x75x3.5	0.01 m³
3	CC-Half-closed channels (thin-walled)-Beam	CC-Half-closed channels (thin-walled)-Beam: CC 225x75x3.5	5504	CC 225x75x3.5	0.01 m³
9	CC-Half-closed channels (thin-walled)-Beam	CC-Half-closed channels (thin-walled)-Beam: CC 225x75x3.5	5512	CC 225x75x3.5	0.01 m³
3	CC-Half-closed channels (thin-walled)-Beam	CC-Half-closed channels (thin-walled)-Beam: CC 225x75x3.5	5518	CC 225x75x3.5	0.01 m³
9	CC-Half-closed channels (thin-walled)-Beam	CC-Half-closed channels (thin-walled)-Beam: CC 225x75x3.5	5525	CC 225x75x3.5	0.01 m³
1	CC-Half-closed channels (thin-walled)-Beam	CC-Half-closed channels (thin-walled)-Beam: CC 225x75x3.5	5538	CC 225x75x3.5	0.01 m³
5	CC-Half-closed channels (thin-walled)-Beam	CC-Half-closed channels (thin-walled)-Beam: CC 175x75x2.5	7794	CC 175x75x2.5	0.01 m³
5	CC-Half-closed channels (thin-walled)-Beam	CC-Half-closed channels (thin-walled)-Beam: CC 175x75x2.5	7887	CC 175x75x2.5	0.01 m³
1	AE-Equal angles-Beam	AE-Equal angles-Beam: AE 90x90x6	8756	AE 90x90x6	0.01 m³
2	AE-Equal angles-Beam	AE-Equal angles-Beam: AE 90x90x6	8770	AE 90x90x6	0.01 m³
2	AE-Equal angles-Beam	AE-Equal angles-Beam: AE 90x90x6	8773	AE 90x90x6	0.01 m³
2	AE-Equal angles-Beam	AE-Equal angles-Beam: AE 90x90x6	8781	AE 90x90x6	0.01 m³
2	AE-Equal angles-Beam	AE-Equal angles-Beam: AE 90x90x6	8788	AE 90x90x6	0.01 m³
1	AE-Equal angles-Beam	AE-Equal angles-Beam: AE 90x90x6	8802	AE 90x90x6	0.01 m³
1	AE-Equal angles-Beam	AE-Equal angles-Beam: AE 90x90x6	8856	AE 90x90x6	0.01 m³
1	AE-Equal angles-Beam	AE-Equal angles-Beam: AE 90x90x6	8900	AE 90x90x6	0.01 m³
5	CC-Half-closed channels (thin-walled)-Beam	CC-Half-closed channels (thin-walled)-Beam: CC 175x75x2.5	25252	CC 175x75x2.5	0.02 m³
5	CC-Half-closed channels (thin-walled)-Beam	CC-Half-closed channels (thin-walled)-Beam: CC 175x75x2.5	30355	CC 175x75x2.5	0.03 m³
5	CC-Half-closed channels (thin-walled)-Beam	CC-Half-closed channels (thin-walled)-Beam: CC 175x75x2.5	30379	CC 175x75x2.5	0.03 m³
10	CC-Half-closed channels (thin-walled)-Beam	CC-Half-closed channels (thin-walled)-Beam: CC 175x75x2.5	37830	CC 175x75x2.5	0.03 m³
5	CC-Half-closed channels (thin-walled)-Beam	CC-Half-closed channels (thin-walled)-Beam: CC 175x75x2.5	45459	CC 175x75x2.5	0.04 m³

Structural Connection Schedule				
Cou nt	Family	Family and Type	Type	Volume
96	Chemical Anchor Bolt HB-V-A	Chemical Anchor Bolt HB-V-A: HB-V-A 12-175/300	HB-V-A 12-175/300	0.000 m³
44	Chemical Anchor Bolt HB-V-A	Chemical Anchor Bolt HB-V-A: HB-V-A 16-155/300	HB-V-A 16-155/300	0.000 m³
96	M_Chemical Anchor Bolt HB-V	M_Chemical Anchor Bolt HB-V: HB-V 12-175/300	HB-V 12-175/300	0.000 m³
44	M_Chemical Anchor Bolt HB-V	M_Chemical Anchor Bolt HB-V: HB-V 16-155/300	HB-V 16-155/300	0.000 m³
35	M_Column Base Plate-4 Hole	M_Column Base Plate-4 Hole: 15mm	15mm	
44	M_Gusset Plate-Trapezoid	M_Gusset Plate-Trapezoid: 12mm Steel Stiffener	12mm Steel Stiffener	0.000 m³

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#### REVISIONS

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DISCIPLINE

STRUCTURAL

JOB TITLE

MTHATA CAR PORTS

DRAWING TITLE

Steel Connection Details

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