

Assembly Variable Audit

Description	Quantity	Unit
A1010.10 1000 - Continuous Footing	28.889	cy

Pass 1

QUANTITY	1	each
Length	585	lf
Footing Width	16	inch
Footing Depth	12	inch
Concrete Strength	3	
Concrete Placement	1	
Form Uses	4	use
Keyway Size	4	inch
Rebar Takeoff Method	2	
Continuous Rebar Size	4	
Count Rebar	2	each
Transverse Rebar Size		
Dowel Rebar Size	4	
Dowel Rebar Spacing	1.5	lf
Dowel Rebar Length	6	lf

A1010.30 1000 - Spread Footing	27.333	cy
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Pass 1

QUANTITY	16	each
Footing Width Side 1	5.25	lf
Footing Width Side 2	5.25	lf
Footing Depth	12	inch
Concrete Strength	3	
Concrete Placement	1	
Form Uses	4	use
Rebar Takeoff Method	2	
Rebar Size, Bottom	5	
Count Rebar Each Way, Bottom	6	each
Rebar Size, Top	5	
Count Rebar Each Way, Top	4	each

Pass 2

QUANTITY	3	each
Footing Width Side 1	3.5	lf
Footing Width Side 2	3.5	lf
Footing Depth	12	inch
Concrete Strength	3	
Concrete Placement	1	
Form Uses	4	use
Rebar Takeoff Method	2	
Rebar Size, Bottom	4	
Count Rebar Each Way, Bottom	4	each

Assembly Variable Audit

Description	Quantity	Unit
Rebar Size, Top		
Pass 3		
QUANTITY	4	each
Footing Width Side 1	5	lf
Footing Width Side 2	5	lf
Footing Depth	18	inch
Concrete Strength	3	
Concrete Placement	1	
Form Uses	4	use
Rebar Takeoff Method	2	
Rebar Size, Bottom	5	
Count Rebar Each Way, Bottom	5	each
Rebar Size, Top		
Pass 4		
QUANTITY	4	each
Footing Width Side 1	5.25	lf
Footing Width Side 2	5.25	lf
Footing Depth	12	inch
Concrete Strength	3	
Concrete Placement	1	
Form Uses	4	use
Rebar Takeoff Method	2	
Rebar Size, Bottom	5	
Count Rebar Each Way, Bottom	5	each
Rebar Size, Top		
A2010.10 1100 - Pier	22.614	cy
Pass 1		
QUANTITY	12	each
Pier Width Side 1	24	inch
Pier Width Side 2	36	inch
Height	4.833	lf
Concrete Strength	3	
Concrete Placement	2	
Form Uses	4	use
Rebar Takeoff Method	2	
Vertical Rebar Size	5	
Count Vertical Rebar	6	each
Pier Stirrup Rebar Size	3	
Stirrup Rebar Spacing	9	inch
Chamfer Strip Size	0.75	inch
Pass 2		
QUANTITY	9	each

Assembly Variable Audit

Description	Quantity	Unit
Pier Width Side 1	24	inch
Pier Width Side 2	30	inch
Height	4.833	lf
Concrete Strength	3	
Concrete Placement	2	
Form Uses	4	use
Rebar Takeoff Method	2	
Vertical Rebar Size	5	
Count Vertical Rebar	6	each
Pier Stirrup Rebar Size	3	
Stirrup Rebar Spacing	9	inch
Chamfer Strip Size	0.75	inch

Pass 3

QUANTITY	2	each
Pier Width Side 1	24	inch
Pier Width Side 2	28	inch
Height	4.833	lf
Concrete Strength	3	
Concrete Placement	2	
Form Uses	4	use
Rebar Takeoff Method	2	
Vertical Rebar Size	5	
Count Vertical Rebar	6	each
Pier Stirrup Rebar Size	3	
Stirrup Rebar Spacing	9	inch
Chamfer Strip Size	0.75	inch

A2010.10 2100 - Foundation Wall, CIP

72.222 cy

Pass 1

QUANTITY	1	each
Length	585	lf
Wall Height	5	lf
Wall Thickness	8	inch
Concrete Strength	3	
Concrete Placement	1	
Form Uses	4	use
Rebar Takeoff Method	2	
Vertical Rebar Size		
Horizontal Rebar Size	4	
Count Horizontal Rebar	4	each

A4010.00 1000 - Standard Slab on Grade

13673 sf

Pass 1

QUANTITY	1	each
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Assembly Variable Audit

Description	Quantity	Unit
Area	13673	sf
Perimeter	550	lf
Slab Thickness	6	inch
Concrete Strength	4	
Concrete Placement	1	
Gravel Thickness	6	inch
Form Uses		use
Slab Reinforcement Type	2	
Rebar Takeoff Method	2	
Rebar Size	4	
Rebar Spacing	18	inch
Vapor Barrier Thickness	6	mil
Slab Finish	2	
Slab Hardener		
A4010.00 1000 - Overhead Door Aprons	96	sf

Pass 1

QUANTITY	3	each
Area	32	sf
Perimeter	16	lf
Slab Thickness	12	inch
Concrete Strength	4	
Concrete Placement	1	
Gravel Thickness	6	inch
Form Uses	4	use
Slab Reinforcement Type	2	
Rebar Takeoff Method	2	
Rebar Size	4	
Rebar Spacing	18	inch
Vapor Barrier Thickness		mil
Slab Finish	2	
Slab Hardener		

A4010.00 1000 - Exterior Door Stoops	169	sf
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Pass 1

QUANTITY	5	each
Area	25	sf
Perimeter	16	lf
Slab Thickness	6	inch
Concrete Strength	4	
Concrete Placement	1	
Gravel Thickness	6	inch
Form Uses	4	use
Slab Reinforcement Type	2	

Assembly Variable Audit

Description	Quantity	Unit
Rebar Takeoff Method	2	
Rebar Size	4	
Rebar Spacing	18	inch
Vapor Barrier Thickness		mil
Slab Finish	2	
Slab Hardener		

Pass 2

QUANTITY	1	each
Area	44	sf
Perimeter	19	lf
Slab Thickness	6	inch
Concrete Strength	4	
Concrete Placement	1	
Gravel Thickness	6	inch
Form Uses	4	use
Slab Reinforcement Type	2	
Rebar Takeoff Method	2	
Rebar Size	4	
Rebar Spacing	18	inch
Vapor Barrier Thickness		mil
Slab Finish	2	
Slab Hardener		

B1010.10 1220 - Column, Steel, Hollow Tubing, Square

45.332 lf

Pass 1

QUANTITY	4	each
Height	11.333	lf
HSS Width	8	inch
HSS Thickness	0.625	inch
Galvanized?	No	
Steel Connection Allowance	5	%
Fireproofing Thickness	1	inch

B1010.10 2210 - Floor Framing, Steel Beam, Wide Flange

88 lf

Pass 1

QUANTITY	1	each
Length	88	lf
WF Beam Depth	18	inch
WF Beam Unit Weight	40	lb/lf
Galvanized?	No	
Steel Connection Method	2	
Steel Connection Allowance	5	%
Fireproofing Thickness	1	inch

B1010.10 3530 - Floor Framing, Steel Joist, K Series

1562.5 lf

Assembly Variable Audit

<i>Description</i>	<i>Quantity</i>	<i>Unit</i>
Pass 1		
QUANTITY	1	each
Joist Input Method	1	
Area	3125	sf
Joist Spacing	24	inch
Steel Joist Depth, K Series	30	inch
Steel Joist Designation, K Series	10	
Steel Connection Allowance	5	%
B1010.20 3500 - CIP Floor Slab, Concrete on Metal Decking	3125	sf
Pass 1		
QUANTITY	1	each
Area	3125	sf
Slab Thickness	5	inch
Concrete Strength	3	
Concrete Placement	2	
Metal Decking Depth	1.5	inch
Metal Decking Gauge	20	ga
Wire Mesh Spacing	6	inch
Wire Mesh Size	1	
Wire Mesh Type	1	
Slab Finish	2	
Slab Hardener		
Fireproofing Thickness	1	inch
B1080.10 1100 - Concrete-Filled Metal Pan Stairs & Landings	1	each
Pass 1		
QUANTITY	1	each
Count Treads	21	each
Tread Width	4	lf
Landing Area	41	sf
B1080.50 1000 - Railing, Metal Pipe	155	lf
Pass 1		
QUANTITY	1	each
Length	120	lf
Railing Diameter	1.5	inch
Railing Type	2	
Railing Finish	2	
Pass 2		
QUANTITY	1	each
Length	35	lf
Railing Diameter	1.5	inch
Railing Type	3	
Railing Finish	2	

Assembly Variable Audit

Description	Quantity	Unit
B2010.30 3200 - Exterior Wall Interior Skin, Drywall/Metal Furring	1987.5	sf

Pass 1

QUANTITY	1	each
Length	159	lf
Wall Height	12.5	lf
Furring Thickness	0.875	inch
Furring Spacing	16	inch
Wallboard Thickness	0.625	inch
Wallboard Rating	1	
Wallboard Layers Hung	1	each
Wall Sides Finished	1	side
Wallboard Finish	2	
Wallboard Fastening	2	

B2020.20 4500 - Steel Window, Industrial, Fixed	6	each
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Pass 1

QUANTITY	1	each
Count Openings	6	each
Opening Width	3	lf
Opening Height	1	lf
Type	1	

B2050.10 1100 - Entry Door, HM w/ HM Frame, Single, 3' x 7'	5	each
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Pass 1

QUANTITY	1	each
Count Openings	5	each
Fire Rating		hour

B2050.10 1200 - Entry Door, HM w/ HM Frame, Double, 6' x 7'	1	each
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Pass 1

QUANTITY	1	each
Count Openings	1	each
Fire Rating		hour

B2050.40 3100 - Overhead Door, Metal, Commercial	3	each
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Pass 1

QUANTITY	1	each
Count Openings	3	each
Opening Width	12	lf

C1010.10 3200 - Partition, Drywall on Metal Framing	4250	sf
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Pass 1

QUANTITY	1	each
Length	340	lf
Wall Height	12.5	lf
Stud Thickness	3.625	inch
Stud Gauge	20	ga

Assembly Variable Audit

Description	Quantity	Unit
Stud Spacing	16	inch
Count Blocking Runs		each
Wallboard Thickness	0.625	inch
Wallboard Rating	1	
Wallboard Layers Hung	2	each
Wall Sides Finished	2	side
Wallboard Finish	2	
Wallboard Fastening	2	
Batt Insulation Type	1	
C1010.10 3200 - Chase Wall between Bathrooms	450	sf

Pass 1

QUANTITY	2	each
Length	18	lf
Wall Height	12.5	lf
Stud Thickness	3.625	inch
Stud Gauge	20	ga
Stud Spacing	16	inch
Count Blocking Runs	2	each
Blocking Thickness	6	inch
Wallboard Thickness	0.625	inch
Wallboard Rating	2	
Wallboard Layers Hung	1	each
Wall Sides Finished	1	side
Wallboard Finish	2	
Wallboard Fastening	2	
Batt Insulation Type	1	
C1030.10 1100 - Single Door, Solid Wood w/ HM Frame, 3' x 7'	6	each

Pass 1

QUANTITY	1	each
Count Openings	6	each
C1030.10 1100 - Single Door, Solid Wood w/ HM Frame, 3' x 7' with Sidelight	7	each

Pass 1

QUANTITY	1	each
Count Openings	7	each
C1030.10 1200 - Double Doors, Solid Wood w/ HM Frame, 6' x 7'	1	each

Pass 1

QUANTITY	1	each
Count Openings	1	each
C1040.10 2000 - Overhead Coiling Grille	1	each

Pass 1

QUANTITY	1	each
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Assembly Variable Audit

Description		Quantity	Unit
	Count Openings	1	each
	Opening Width	16	lf
	Opening Height	6	lf
C1070.10 1000 - Acoustic Ceiling Tile		2920	sf
<i>Pass 1</i>			
	QUANTITY	1	each
	Area	2920	sf
	Panel Type	4	
	Panel Size	2	lf
C1090.25 1110 - Toilet Partition		2	each
<i>Pass 1</i>			
	QUANTITY	1	each
	Count Partitions	2	each
	Partition Type	1	
	Partition Mount	2	
C1090.25 1150 - Toilet Partition, ADA		2	each
<i>Pass 1</i>			
	QUANTITY	1	each
	Count Partitions	2	each
	Partition Type	1	
	Partition Mount	2	
C1090.25 1210 - Urinal Screen, Metal		2	each
<i>Pass 1</i>			
	QUANTITY	1	each
	Count Partitions	2	each
	Partition Type	2	
C1090.40 2000 - Grab Bar		4	each
<i>Pass 1</i>			
	QUANTITY	1	each
	Count Bars	2	each
	Bar Diameter	1.5	inch
	Bar Length	36	inch
<i>Pass 2</i>			
	QUANTITY	1	each
	Count Bars	2	each
	Bar Diameter	1.5	inch
	Bar Length	42	inch
C2010.10 1300 - Wall Tile, Ceramic		420	sf
<i>Pass 1</i>			
	QUANTITY	1	each
	Length	105	lf
	Finish Height	4	lf

Assembly Variable Audit

Description	Quantity	Unit
Price Level	2	
Base Type	1	
Count Towel Bars		each
Count Soap Dishes		each
C2010.70 1000 - Painted Wall Finish	6735	sf
<i>Pass 1</i>		
QUANTITY	1	each
Length	690	lf
Finish Height	9	lf
Count Coats	2	each
Paint Application	3	
Price Level	2	
<i>Pass 2</i>		
QUANTITY	1	each
Length	105	lf
Finish Height	5	lf
Count Coats	2	each
Paint Application	3	
Price Level	2	
C2030.20 1300 - Floor Tile, Ceramic	275	sf
<i>Pass 1</i>		
QUANTITY	1	each
Area	275	sf
Tile Size	2	inch
Tile Type	1	
Remove Existing?	No	
C2030.50 1000 - Vinyl Composition Tile	140	sf
<i>Pass 1</i>		
QUANTITY	1	each
Area	140	sf
Price Level	2	
Remove Existing?	No	
C2030.50 5000 - Vinyl Base	690	lf
<i>Pass 1</i>		
QUANTITY	1	each
Length	690	lf
Base Height	4	inch
Base Type	1	
C2030.75 2000 - Carpet Tile	2560	sf
<i>Pass 1</i>		
QUANTITY	1	each
Area	2560	sf

Assembly Variable Audit

Description	Quantity	Unit
Carpet Type	1	
Price Level	2	
C2050.70 1000 - Painted Ceiling Finish	20	sf

Pass 1

QUANTITY	1	each
Area	20	sf
Count Coats	2	each
Paint Application	3	
Price Level	2	

F1020.40 1000 - Pre-Engineered Metal Building	14060	sf
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Pass 1

QUANTITY	1	each
Area Input?	Yes	
Area	14060	sf
Eave Height	20	lf