



Student Chapters

NAHB Student Competition Secondary Programs Honor Pledge

To the best of my knowledge and belief, the information used in my team's solution to the competition is in accordance with the rules and guidelines of the NAHB Student Chapters Competition. On my honor, I have neither given nor received unauthorized assistance in the completion of this project.

Team (School) Name: Steel Center for CTE

Team Members:

Print Name	Signature
Jayten Colorado	<i>Jayten Colorado</i>
Amara Pandocchi	<i>Amara Pandocchi</i>
William Kelly	<i>William Kelly</i>
Connor Garden	<i>Connor Garden</i>
Ethan Boyle	<i>Ethan Boyle</i>

Alternate Members (Optional):

Print Name	Signature

Faculty Advisor/Coach:

Print Name	Signature
Theodore Pavlack	<i>Theodore Pavlack</i>

This form is REQUIRED. Submit one (1) copy per team within your proposal submission.



CONSULTANTS

GRAPHISOFT.
A HUNTERDouglas COMPANY

VELVAERE
CABIN B
10226 N. IV. PL
PARK CITY
UTAH
84023

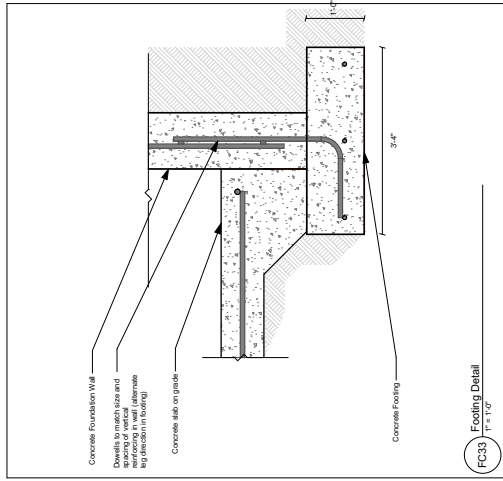
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SHEET TITLE

FOOTING
DETAIL

A603.3



STEEL CENTER CTE

 565 N LEWIS RUN RD
 JEFFERSON HILLS
 PENNSYLVANIA
 15025

CONSULTANTS

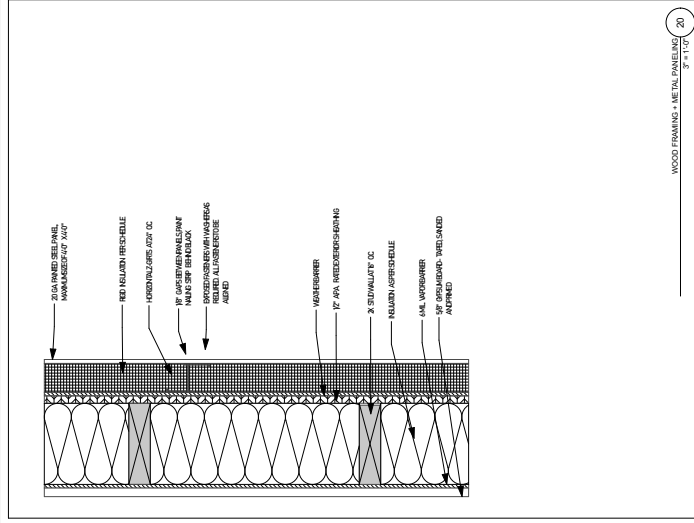
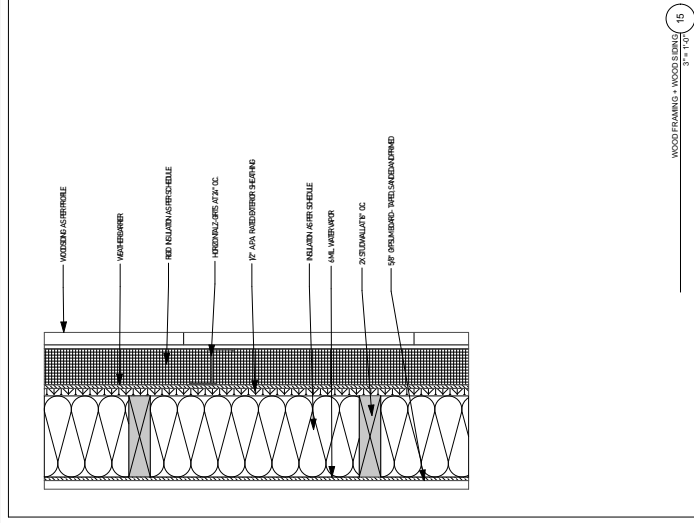
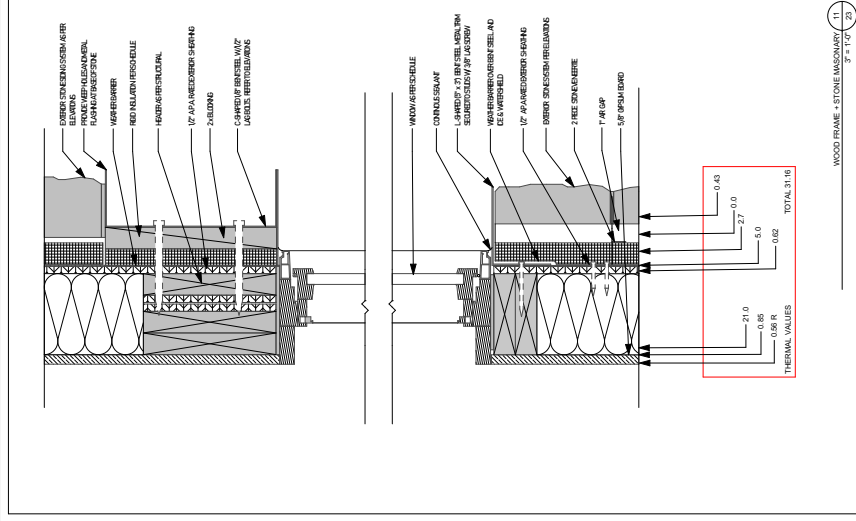
GRAPHISOFT.
 A HUNTERDouglas COMPANY

VELVAERE CABIN B
 10226 N. IV PL
 PARK CITY
 UTAH
 84032

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DETAILS
 WALL DETAILS

A603.4



STEEL CENTER CTE

565 N LEWIS RUN RD
JEFFERSON HILLS
PENNSYLVANIA
15025

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GRAPHISOFT.
A HUNTERDouglas COMPANY

VELVAERE
CABIN B

10226 N LIV PL
PARK CITY
UTAH
84023

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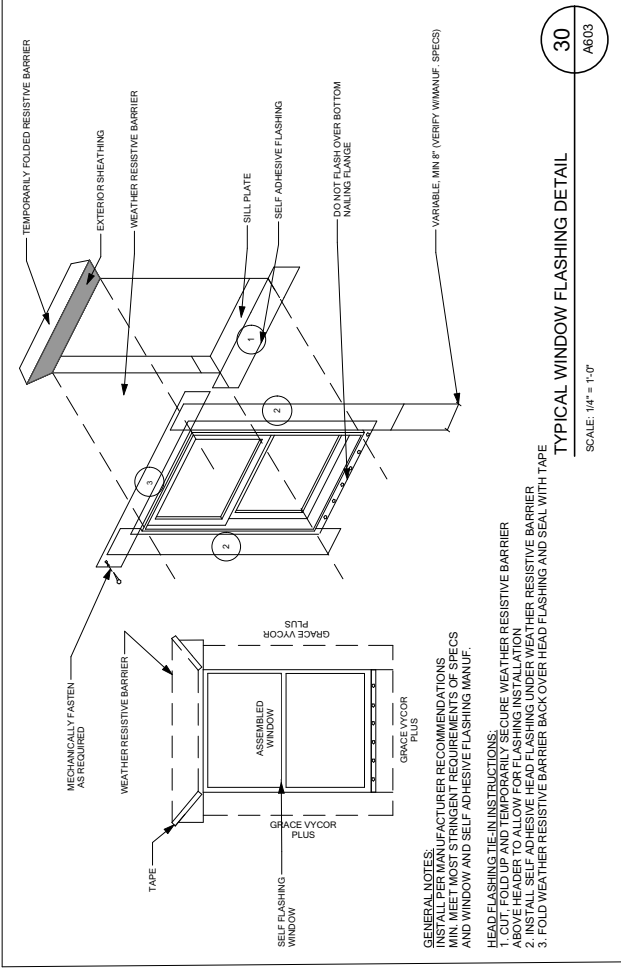
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SHEET TITLE

WINDOW FLASHING
DETAIL

A603.5

SHEET OF 48



STEEL CENTER CTE



565 N LEWIS RUN RD
JEFFERSON HILLS
PENNSYLVANIA
15025

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VELVAERE
CABIN B

10226 N IV PL
PARK CITY
UTAH
84023

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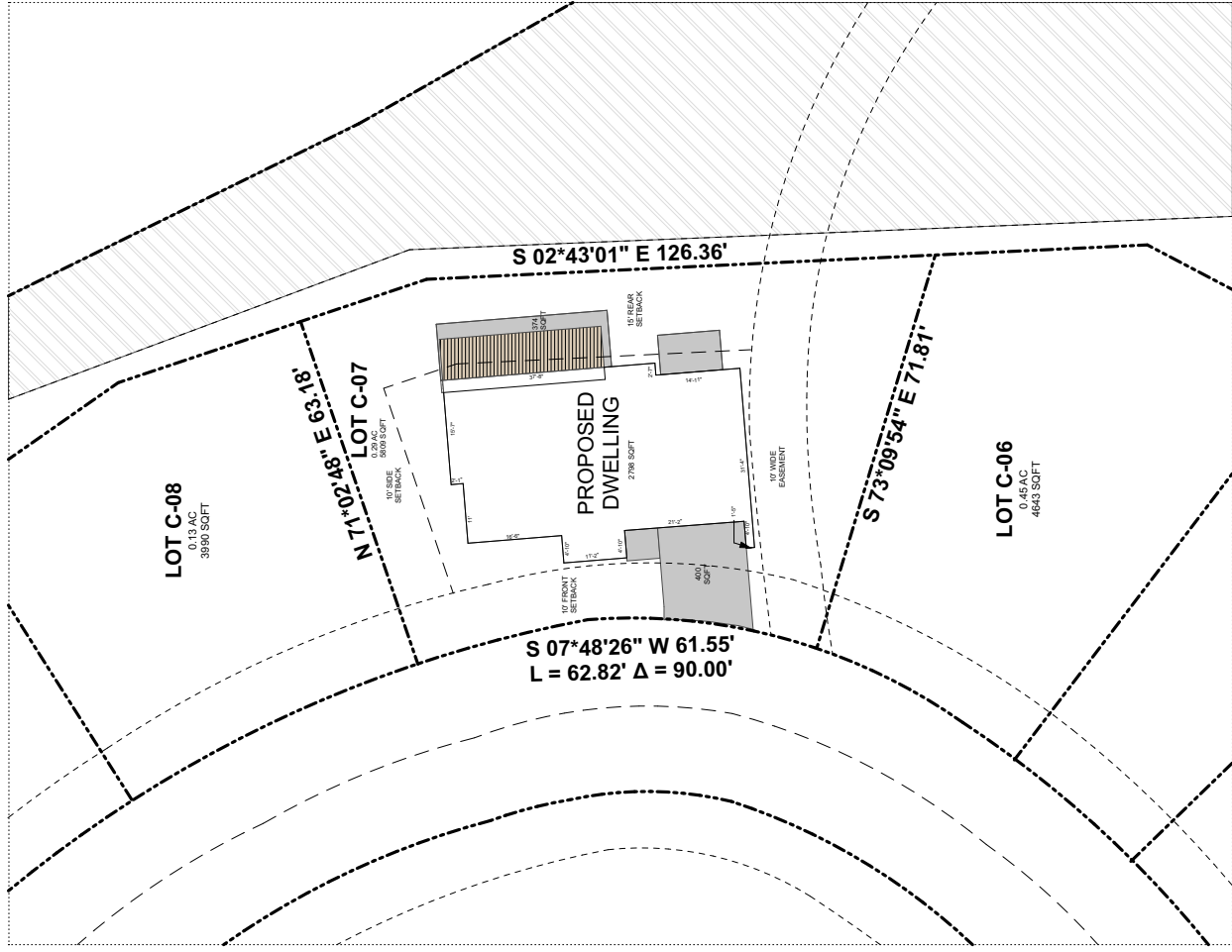
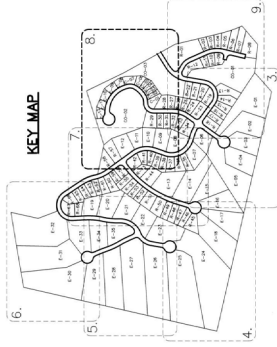
SitePlan2.pia

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SHEET TITLE

SITE PLAN

SP001



SCALE: 1" = 10'

Phase	Task	# of Technicians	Plan Duration	Plan Start	Plan End
Phase 1	Site Preparation and Foundation Work	93	66	3/18/2024	5/23/2024
Phase 1	Obtain Permits	1	14	3/18/2024	4/1/2024
Phase 1	Stake Building	2	1	4/1/2024	4/2/2024
Phase 1	Blue Stakes 811	1	1	4/1/2024	4/2/2024
Phase 1	Mobilization	5	1	4/1/2024	4/2/2024
Phase 1	Temp Pole - Install	2	1	4/1/2024	4/2/2024
Phase 1	Temp Pole - Inspection	1	1	4/3/2024	4/10/2024
Phase 1	Water Meter - Install	1	1	4/1/2024	4/2/2024
Phase 1	Water Meter - Inspection	1	1	4/3/2024	4/4/2024
Phase 1	Schedule Mason	1	1	4/4/2024	4/5/2024
Phase 1	Order Portajohn	1	0.25	4/4/2024	4/4/2024
Phase 1	Order Concrete Pumps	2	2	4/4/2024	4/6/2024
Phase 1	SWPPP Plan BMP	2	3	4/4/2024	4/7/2024
Phase 1	Lot Clearing	2	2	4/4/2024	4/6/2024
Phase 1	Order Dumpster	1	1	4/4/2024	4/7/2024
Phase 1	Order Doors/Windows/Hardware	1	0.5	4/4/2024	4/4/2024
Phase 1	Order Trusses/Framing Material/Timber	1	0.5	4/4/2024	4/4/2024
Phase 1	Order Steel	1	0.25	4/4/2024	4/4/2024
Phase 1	Order Stone	1	0.25	4/4/2024	4/4/2024
Phase 1	Order Metal Siding and Roof Material	1	0.25	4/4/2024	4/4/2024
Phase 1	Backfill/Utilities/Compact	2	2	4/4/2024	4/6/2024
Phase 1	Excavation	4	4	4/7/2024	4/11/2024
Phase 1	Test Soil	1	1	4/12/2024	4/13/2024
Phase 1	Soil Treatment	3	2	4/13/2024	4/15/2024
Phase 1	Gas Lines - Install	2	2	4/16/2024	4/17/2024
Phase 1	Gas Lines - Inspection	2	1	4/17/2024	4/17/2024
Phase 1	Install Elec/Phone/T.V. Line	2	1	4/16/2024	4/17/2024
Phase 1	Install Water Lines	2	1	4/16/2024	4/17/2024
Phase 1	Install Sewer Lines	2	1	4/16/2024	4/17/2024
Phase 1	Install Storm Water System	5	3	4/16/2024	4/19/2024
Phase 1	Install Radon Systems	4	1	4/16/2024	4/17/2024

Phase 1	Footings - Install	6	7	4/18/2024	4/25/2024
Phase 1	Install Footing Drain	5	1	4/25/2024	4/26/2024
Phase 1	Footings - Inspection	1	1	4/27/2024	4/28/2024
Phase 1	Foundations - Layout	4	3	4/29/2024	5/2/2024
Phase 1	Foundations - Install	4	4	5/2/2024	5/6/2024
Phase 1	Concrete Site Walls	4	2	5/7/2024	5/9/2024
Phase 1	Concrete Cutting	2	1	5/10/2024	5/11/2024
Phase 1	Concrete Disposal	2	4	5/7/2024	5/11/2024
Phase 1	Rough Grade	3	2	5/11/2024	5/13/2024
Phase 1	Dampproofing	3	2	5/13/2024	5/15/2024
Phase 1	Hauling	2	1	5/15/2024	5/16/2024
Phase 2	Structural and Exterior Work	133	93	5/16/2024	8/17/2024
Phase 2	Schedule Framers/ Roofers	1	0.2	5/16/2024	5/16/2024
Phase 2	Schedule Plumbing	1	0.2	5/16/2024	5/16/2024
Phase 2	Schedule Electrical	1	0.2	5/16/2024	5/16/2024
Phase 2	Schedule HVAC	1	0.2	5/16/2024	5/16/2024
Phase 2	Schedule Appliances	1	0.2	5/16/2024	5/16/2024
Phase 2	Schedule Finish and Detail Carpenters	1	0.25	5/16/2024	5/16/2024
Phase 2	Structural Steel - Install	2	1	5/16/2024	5/17/2024
Phase 2	Steel Connections	2	1	5/16/2024	5/17/2024
Phase 2	Gypcrete - Install	2	7	5/18/2024	5/25/2024
Phase 2	Suspended Slabs - Install	4	5	5/18/2024	5/23/2024
Phase 2	Framing - Layout	6	3	5/15/2024	5/18/2024
Phase 2	Framing - Install	6	14	5/18/2024	6/1/2024
Phase 2	Framing - Trusses	3	4	5/18/2024	5/22/2024
Phase 2	Stair - Layout	2	0.5	5/20/2024	5/20/2024
Phase 2	Stair - Install	2	0.5	5/20/2024	5/20/2024
Phase 2	Timber Framing - Layout	3	2	5/23/2024	5/25/2024
Phase 2	Timber Framing - Install	6	14	5/25/2024	6/8/2024
Phase 2	Pickup Framing	2	24	5/15/2024	6/8/2024
Phase 2	Framing - Inspection	1	2	6/9/2024	6/11/2024

Phase 2	Exterior Railing		2	1	6/12/2024	6/13/2024
Phase 2	Roofing - Layout		3	7	6/13/2024	6/20/2024
Phase 2	Roofing - Install		3	7	6/21/2024	6/28/2024
Phase 2	Fascia and Soffit - Layout		3	1	6/29/2024	6/30/2024
Phase 2	Fascia and Soffit - Install		4	2	7/1/2024	7/3/2024
Phase 2	Sheathing - Install		4	3	6/29/2024	7/2/2024
Phase 2	Sheathing - Inspection		1	1	7/3/2024	7/4/2024
Phase 2	Chimney Cap Install		2	1	7/5/2024	7/6/2024
Phase 2	Snow Retention - Install		2	2	7/5/2024	7/7/2024
Phase 2	Gutters And Downspouts - Install		2	5	7/5/2024	7/10/2024
Phase 2	Roof Vents - Install		1	1	7/5/2024	7/6/2024
Phase 2	Metal Flashing/Reglets - Install		2	7	7/5/2024	7/13/2024
Phase 2	Window Installation		3	4	7/14/2024	7/18/2024
Phase 2	Window Flashing - Install		2	1	7/17/2024	7/18/2024
Phase 2	Exterior Continuous Insulation - Install		3	3	7/19/2024	7/22/2024
Phase 2	Exterior Vapor Barrier - Install		2	4	7/19/2024	7/23/2024
Phase 2	Rain Screen - Install		2	2	7/19/2024	7/21/2024
Phase 2	Exterior Stone Masonry - Install		2	3	7/22/2024	7/25/2024
Phase 2	Metal Siding - Install		2	2	7/22/2024	7/24/2024
Phase 2	Exterior Doors - Install		2	2	7/22/2024	7/24/2024
Phase 2	Entry Door Systems - Install		2	1	7/22/2024	7/23/2024
Phase 2	Exterior Paint/Stain		3	14	7/22/2024	8/5/2025
Phase 2	Drive and Walk - Layout		2	1	8/6/2024	8/7/2024
Phase 2	Radiant Heat Prep		2	4	8/7/2024	8/11/2024
Phase 2	Radiant/Hydrionic Heat Systems - Install		2	4	8/7/2024	8/11/2024
Phase 2	Heat Trace/Cables/Mats - Install		4	3	8/7/2024	8/10/2024
Phase 2	Snow Melt Prep		3	3	8/7/2024	8/10/2024
Phase 2	Snow Melt System - Install		3	4	8/8/2024	8/12/2024
Phase 2	Drive and Walk Paving - Install		2	3	8/13/2024	8/16/2024
Phase 2	Final Grade		2	2	8/17/2024	8/19/2024
Phase 2	Order Electrical Fixtures		1	0.25	8/17/2024	8/17/2024

Phase 2	Order Plumbing Fixtures	1	0.25	8/17/2024	8/17/2024
Phase 2	Order Cabinets and Hardware	1	0.25	8/17/2024	8/17/2024
Phase 2	Order Finish Materials	2	0.25	8/17/2024	8/17/2024
Phase 2	Plumbing Rough-In	2	2	8/17/2024	8/19/2024
Phase 2	HVAC Rough-In	2	2	8/17/2024	8/19/2024
Phase 2	Electrical Rough-In	2	2	8/17/2024	8/19/2024
Phase 2	Schedule Sod	1	0.25	8/17/2024	8/17/2024
Phase 2	Schedule Irrigation	1	0.25	8/17/2024	8/17/2024
Phase 2	Schedule Landscaping	1	0.25	8/17/2024	8/17/2024
Phase 3	Interior Systems Work	33	40	8/17/2024	9/26/2024
Phase 3	Order Tile/Carpet/Paint	1	0.5	8/17/2024	8/17/2024
Phase 3	Order Slab Tops	1	0.25	8/17/2024	8/17/2024
Phase 3	Order Fireplace and Hardware	1	0.25	8/17/2024	8/17/2024
Phase 3	Air Sealing	2	5	8/18/2024	8/23/2024
Phase 3	HVAC System & Controls - Install	5	20	8/24/2024	9/13/2024
Phase 3	HVAC - Inspection	1	1	9/14/2024	9/15/2024
Phase 3	Plumbing Systems - Install	3	20	9/7/2024	9/27/2024
Phase 3	Water Treatment Systems - Install	3	7	9/7/2024	9/14/2024
Phase 3	Sprinkler System - Install	2	1	9/15/2024	9/16/2024
Phase 3	Fire Sprinklers - Install	2	1	9/15/2024	9/16/2024
Phase 3	Plumbing - Inspection	1	1	9/17/2024	9/18/2024
Phase 3	Structured Wiring - Install	3	6	9/14/2024	9/20/2024
Phase 3	Electrical System - Install	4	20	9/14/2024	10/4/2024
Phase 3	Structural Lighting Package (cans) - Install	4	5	9/21/2024	9/26/2024
Phase 4	Interior Finishing	65	102	9/26/2024	1/6/2025
Phase 4	Insulation - Install	3	5	9/26/2024	10/1/2024
Phase 4	Insulation - Inspection	1	1	10/2/2024	10/3/2024
Phase 4	Drywall - Install	4	5	10/4/2024	10/9/2024
Phase 4	Specialty Drywall/Plaster	4	5	10/4/2024	10/9/2024
Phase 4	Hardwood Flooring Install	4	15	10/10/2024	10/25/2024
Phase 4	Tile - Install	2	7	10/26/2024	11/2/2024

Phase 4	Carpet - Install		2		2	10/26/2024	10/28/2024
Phase 4	Interior Stone Masonry - Install		2		4	10/26/2024	10/30/2024
Phase 4	Masonry Accents		2		3	10/26/2024	10/29/2024
Phase 4	Garage Coating		2		2	10/26/2024	10/28/2024
Phase 4	Wall Coverings		2		3	10/29/2024	11/1/2024
Phase 4	Interior Paint/Stain		3		20	10/29/2024	11/18/2024
Phase 4	Plumbing Fixtures - Install		2		4	11/19/2024	11/23/2024
Phase 4	HVAC Peripherals - Install		2		4	11/19/2024	11/23/2024
Phase 4	Sustainable Energy Source/Storage - Install		2		2	11/19/2024	11/21/2024
Phase 4	Cabinetry		2		14	11/19/2024	12/3/2024
Phase 4	Cabinetry Hardware		2		2	12/1/2024	12/3/2024
Phase 4	Interior Doors - Install		2		2	12/1/2024	12/3/2024
Phase 4	Door Hardware - Install		2		2	12/1/2024	12/3/2024
Phase 4	Specialty Hardware - Install		2		2	12/1/2024	12/3/2024
Phase 4	Interior Railings		2		2	12/1/2024	12/3/2024
Phase 4	Garage Doors - Install		2		1	12/1/2024	12/2/2024
Phase 4	Fireplace - Install		2		3	12/3/2024	12/6/2024
Phase 4	Mantels/Surround - Install		2		3	12/3/2024	12/6/2024
Phase 4	Hearths - Install		2		3	12/3/2024	12/6/2024
Phase 4	Finish Carpentry		4		20	12/7/2024	12/27/2024
Phase 4	Detail Finish Carpentry		4		7	1/28/2024	1/5/2025
Phase 5	Final Touches and Appliances		60		44	1/6/2025	2/19/2025
Phase 5	Toilet/ Bath Hardware - Install		2		1	1/6/2025	1/7/2025
Phase 5	Shower Doors - Install		2		1	1/6/2025	1/7/2025
Phase 5	Mirrors - Install		2		1	1/6/2025	1/7/2025
Phase 5	Closet System - Install		2		2	1/8/2024	1/10/2025
Phase 5	Garage Cabs/System - Install		2		2	1/8/2024	1/10/2025
Phase 5	Appliances - Install		4		7	1/11/2025	1/18/2025
Phase 5	Custom Hoods - Install		3		2	1/11/2025	1/13/2025
Phase 5	Slab Tops - Install		3		2	1/14/2025	1/16/2025
Phase 5	Outdoor Appliances - Install		4		5	1/17/2025	1/22/2025

Phase 5	Spas - Install		3	1	1/17/2025	1/18/2025
Phase 5	Finish Grade		2	2	1/17/2025	1/19/2025
Phase 5	Irrigation - Install		3	2	1/19/2024	1/21/2025
Phase 5	Sod and Landscaping - Install		3	2	1/22/2025	1/24/2025
Phase 5	Lighting System - Install		2	3	1/25/2025	1/28/2025
Phase 5	Emergency Power System - Install		2	3	1/25/2025	1/28/2025
Phase 5	Distributed A/V Systems - Install		3	4	1/29/2025	2/2/2025
Phase 5	Security Systems - Install		2	4	1/29/2025	2/2/2025
Phase 5	Motorized Shades - Install		2	3	1/29/2025	2/1/2025
Phase 5	Pest Control		1	1	2/2/2025	2/3/2025
Phase 5	Furniture		3	2	2/4/2025	2/6/2025
Phase 5	Final Inspections		3	4	2/7/2025	2/11/2025
Phase 5	Site Clean-Up		5	3	2/12/2025	2/15/2025
Phase 5	Open House		1	4	2/16/2025	2/17/2025
Phase 5	Closing		1	1	2/18/2025	2/19/2025

Description	Takeoff Qty		Unit Cost		Amount
	Quantity	UOM	Cost/Unit	UOM	
SITE WORK					
Permits:					
Building Permit	1	EA	31,839.36	/EA	31,839
Zoning Permit	1	EA	1,650.00	/EA	1,650
Grading Permit	1	EA	1,315.55	/EA	1,316
Electrical Permit	1	EA	1,315.55	/EA	1,316
Plumbing Permit	1	EA	1,315.55	/EA	1,316
Septic Permit	1	EA	165.00	/EA	165
Mechanical Permit	1	EA	1,315.55	/EA	1,316
Flatwork Permit	1	EA	31,321.92	/EA	31,322
Stake Building	2,798	SF	0.70	/SF	1,959
SWPPP Plan BMP	176	LF	8.00	/LF	1,408
Lot Clearing	5,809	SF	1.50	/SF	8,714
Excavation	271	CY	6.84	/CY	1,854
Rough Grade	5,809	SF	1.75	/SF	10,166
Interior Concrete Grading	1,835	SF	1.10	/SF	2,019
Exterior Concrete Grading	876	SF	1.50	/SF	1,314
Finish Grade	5,809	SF	1.00	/SF	5,809
Hauling	10	CY	20.00	/CY	200
Backfill & Compact	10	CY	20.13	/CY	201
Gas Lines	176	LF	60.00	/LF	10,560
Elec/Phone/T.V. Line	176	LF	30.00	/LF	5,280
Water Lines	176	LF	150.00	/LF	26,400
Sewer Lines	176	LF	250.00	/LF	44,000
Storm Water System	176	LF	100.00	/LF	17,600
Footing Drain	176	LF	25.00	/LF	4,400
Radon Systems	176	LF	15.00	/LF	2,640
Landscaping	2,571	SF	15.00	/SF	38,565

Sprinkler Systems		2,571	SF	1.61	/SF	4,139
SITE WORK			SSF		/SSF	257,465
CONCRETE						
Footings		176	LF	12.22	/LF	2,151
Foundations		1,443	SF	0.82	/SF	1,183
Concrete Site Walls		132	SF	24.68	/SF	3,258
Flatwork Interior		1,309	SF	1.17	/SF	1,532
Decorative Exterior Concrete		876	SF	4.00	/SF	3,504
Concrete Pumps		1	EA	1,100.00	/EA	1,100
Gypcrete		1,698	SF	4.00	/SF	6,792
Spandek/Suspended Slabs		268	SF	1.50	/SF	402
Concrete Cutting		90	LF	1.69	/LF	152
Concrete Disposal		1	MO	100.00	/MO	100
CONCRETE			CY		/CY	20,173
MASONRY						
Stone Masonry - Site Walls		47	SF	60.00	/SF	2,820
Interior Stone Masonry		6	SF	50.00	/SF	300
Exterior Stone Masonry		1,345	SF	50.00	/SF	67,250
Masonry Accents		631	LF	40.00	/LF	25,240
MASONRY			GSF		/GSF	70,370
METALS						
Structural Steel		1,058	LBS	2.20	/LBS	2,328
Steel Connections		1,058	LBS	1.40	/LBS	1,481
Exterior Railing		34	LF	59.69	/LF	2,025
Interior Railing		36	LF	56.64	/LF	2,039
Decorative Metal		38	SF	10.00	/SF	380
METALS			GSF		/GSF	8,253
CARPENTRY						
Framing - Labor		2,798	GSF	10.00	/GSF	27,980

Framing - Material	2,798	GSF	6.00	/GSF	16,788
Framing - Trusses	2,087	SF	61.00	/SF	127,307
Pickup Framing	2,087	GSF	4.11	/GSF	8,578
Finish Carpentry - Labor	2,798	FSF	150.00	/FSF	7,200
Finish Carpentry - Material	2,798	FSF	2.00	/FSF	5,596
Detail Finish Carpentry - Labor	2,798	SF	100.00	/SF	4,800
Detail Finish Carpentry - Material	2,798	SF	2.50	/SF	6,995
Siding Labor	1,541	SF	1.82	/SF	2,805
Siding Material	1,541	SF	13.09	/SF	20,172
Deck Surface Labor	1,890	SF	3.32	/SF	6,275
Deck Surface Material	1,890	SF	31.11	/SF	58,798
Cabinetry	42	LF	450.00	/LF	18,900
Cabinetry Hardware	6	LF	450.00	/LF	2,700
Timber Framing - Labor	900	LF	2.55	/LF	2,295
Timber Framing - Material	900	BF	24.52	/BF	22,068
CARPENTRY		GSF		/GSF	339,256
THERMAL & MOISTURE					
Dampproofing	2,798	SF	0.33	/SF	923
Exterior Vapor Barrier	2,798	SF	0.24	/SF	672
Rain Screen	2,798	SF	1.22	/SF	3,414
Insulation	2,798	GSF	0.69	/GSF	1,931
Spray Foam Insulation (Basement, Closed Cell)	4,329	BF	1.55	/BF	6,710
Spray Foam Insulation(Above Ground, Open Cell)	4,329	BF	0.60	/BF	2,597
Spray Foam Insulation (Roof, Open Cell)	11,221	BF	0.60	/BF	6,733
Air Sealing	2,798	GSF	1.00	/GSF	2,798
Exterior Continuous Insulation	176	SF	0.77	/SF	136
Roofing	2,087	SF	5.89	/SF	12,292
Roof Vents / Cupola / Finial	46	SF	197.77	/SF	9,097
Metal Siding	272	SF	8.00	/SF	2,176

Metal Flashing/Reglets		76	LF		12.50	/LF	950
Gutters & Downspouts		88	LF		1.20	/LF	106
Snow Retention		210	LF		45.00	/LF	9,450
Fascia - Labor		114	LF		2.00	/LF	228
Fascia - Material		114	LF		6	/LF	684
Soffit - Labor		22	SF		2.00	/SF	44
Soffit - Material		22	SF		6.00	/SF	132
THERMAL & MOISTURE			GSF			/GSF	61,072
DOORS & WINDOWS							
Interior Doors		21	EA		1,800.00	/EA	37,800
Door and Hardware - Install		22	EA		230.00	/EA	5,060
Exterior Doors		1	EA		3,300.00	/EA	3,300
Entry Door Systems		1	EA		140.00	/EA	140
Door Hardware		21	EA		863.00	/EA	18,123
Specialty Hardware		1	EA		1,558.00	/EA	1,558
Garage Doors		1	EA		2000	/EA	2000
Windows		97	SF		20.00	/SF	1,935
Specialty Windows/Doors		372	SF		24.00	/SF	8,938
Window Install		13	EA		175.00	/EA	2,275
Window Flashings		218	LF		8.00	/LF	1,744
Mirrors		90	SF		20.00	/SF	1,800
Shower Doors		42	SF		18.00	/SF	756
DOORS & WINDOWS			GSF			/GSF	85,429
INTERIOR FINISHES							0
Drywall		2,798	GSF		2.00	/GSF	5,596
Specialty Drywall/Plaster		2,798	SF		12.07	/SF	33,772
Tile Labor		676	SF		10.00	/SF	6,760
Tile Material		676	SF		20.00	/SF	13,520
Slab Tops		78	SF		55.00	/SF	4,290

Hardwood Flooring	861	SF	8.00	/SF	6,888
Carpet	464	SF	20.00	/SF	9,280
Garage Coatings	268	SF	12.00	/SF	3,216
Wall Coverings:					
Flow Wall Panel	1	EA	449.99	/EA	450
Interior Paint/Stain	2,300	GSF	0.20	/GSF	460
Exterior Paint/Stain	91	GSF	0.40	/GSF	36
INTERIOR FINISHES		GSF		/GSF	84,268
SPECIALTIES					
Sealed Combustion Fireplaces	1	EA	14,240.00	/EA	14,240
Mantels/Surround	1	EA	7,954.92	/EA	7,955
Hearths	1	EA	300.00	/EA	300
Chimney Caps	1	EA	192.77	/EA	193
Toilet/Bath Hardware	13	BA	270.00	/BA	3,510
Master Closet Systems	70	LF	75.00	/LF	5,250
Other Closet Systems	2	EA	175.00	/EA	350
Garage Cabs/Storage	14	LF	6.41	/LF	90
SPECIALTIES		GSF		/GSF	31,887
EQUIPMENT					
Appliances					
Cooktop Induction	1	EA	2,995.00	/EA	2,995
Dishwasher	1	EA	1,599.00	/EA	1,599
Fridge	1	EA	12,500.00	/EA	12,500
Oven	1	EA	6,399.00	/EA	6,399
Wine Undercover Fridge	1	EA	3,999.00	/EA	3,999
Microwave	1	EA	2,449.00	/EA	2,449
Intelligent Toilets	3	EA	16,000.00	/EA	48,000
Bathtub	1	EA	17,978.00	/EA	17,978
Washer	1	EA	999.00	/EA	999

Dryer		1	EA	1,596.00	/EA	1,596
Custom Hoods		1	EA	10,099.00	/EA	10,099
Outdoor Appliances:						
Grill		1	EA	8,179.00	/EA	8,179
Pizza Oven		1	EA	8,489.00	/EA	8,489
Warming Drawer		1	EA	2,829.00	/EA	2,829
Refrigerator Drawers		1	EA	7,349.00	/EA	7,349
EQUIPMENT			GSF		/GSF	135,459
FURNISHINGS						
Furniture:						
Counter Chairs		4	EA	2155	/EA	8620
Dining Table Set		1	EA	1500	/EA	1500
Sofa		1	EA	9999	/EA	9999
Modular Table		1	EA	559	/EA	559
Side Table		3	EA	900	/EA	2700
Georgia Chair		2	EA	949	/EA	1898
Bedside Tables		6	EA	800	/EA	4800
Master Beds		3	EA	3000	/EA	9000
FURNISHINGS			EA		/EA	39076
SPECIAL CONSTRUCTION						
Spas		1	EA	22,945	/EA	22,945
SPECIAL CONSTRUCTION			GSF		/EA	22,945
MECHANICAL WORK						
Plumbing Systems		2,798	EA	7.00	/EA	19,586
Plumbing Fixtures		31	EA	200.00	/EA	6,200
Specialty Plumbing Fixtures		4	EA	1,288.00	/EA	5,152
Radiant Heat Prep		2,798	SF	2.00	/SF	5,596
Radiant/Hydrionic Heat Systems		2,798	SF	73.01	/SF	204,282
Snow Melt Prep		876	SF	7.00	/SF	6,132

Snow Melt System	876	SF	20.00	/SF	17,520
Water Treatment Systems	1	EA	3,578.26	/EA	3,578
HVAC System & Controls	2,798	GSF	12.00	/GSF	33,576
HVAC Peripherals:					
Steamer	3	EA	1713.13	/EA	5,139
Digital Controller	3	EA	1306.61	/EA	3,920
Ski Boot Dryers	1	EA	795	/EA	795
Fire Sprinklers	2,798	GSF	1.6	/GSF	4,477
MECHANICAL WORK		GSF		/GSF	315,953
ELECTRICAL					
Electrical System	2,798	GSF	9.00	/GSF	25,182
Structural Lighting Package (cans)	122	FSF	50.00	/FSF	6,100
Specialty Electrical Fixtures	36	FSF	1,000.00	/FSF	36,000
Decorative Electrical Fixtures	36	FSF	350.00	/FSF	12,600
Heat Trace/Cables/Mats	176	LF	15.73	/LF	2,768
Sustainable Energy Source/Storage	1	LS	35,063.83	/LS	35,064
Lighting System	1	LS	10,000.00	/LS	10,000
Emergency Power System	1	LS	338.3	/LS	338
Structured Wiring	2,798	FSF	4.00	/FSF	11,192
Distributed A/V Systems	6	EA	2,800.00	/EA	16,800
Security Systems:					
Cameras	4	EA	449.00	/EA	1,796
Josh AI Nano	4	EA	659.00	/EA	2,636
Motorized Shades	5	EA	209.00	/EA	1,045
ELECTRICAL		GSF		/GSF	161,522
Total Amount					1,633,128