

Building Data Summary	
Project ID:	*****
Location:	*****
Scope of Work:	Concrete
Date:	

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
DIVISION.01 GENERAL REQUIREMENTS														
1		Supervision and Coordination	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ 8,800.00	
2		Submittals and Shop drawings	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -		
3		Final Cleaning	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ 2,100.00	
4		Mobilization Costs	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ 3,500.00	
5		Temporary Control & Facilities	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ 2,800.00	
		Subtotal (General Requirements)												\$ 17,200

DIVISION 03- Concrete														
		Demolition												
6		Dirt Work Demo for Stairs (Center Area Only)	SF	120	0%	120	\$ -	\$ -	2.800	\$ 68.00	\$ 190.40	\$ 22,848.00	\$ 22,848.00	
		Foundation												
		Walls												
7		(1'-6"x8") Reinf. Concrete Foundation Wall Footing (117 LF)	CY	4	5%	5	\$ 240.00	\$ 1,096.20	2.800	\$ 60.00	\$ 168.00	\$ 767.34	\$ 1,863.54	
8		(2)#4 Cont	Lbs.	156	5%	164	\$ 1.20	\$ 196.95	0.012	\$ 60.00	\$ 0.72	\$ 118.17	\$ 315.12	
9		8" H Foundation Wall Footing Formwork	LF	234	5%	246	\$ 2.30	\$ 565.11	0.045	\$ 60.00	\$ 2.70	\$ 663.39	\$ 1,228.50	
10		8" Thick Reinf. Concrete Retaining Wall Footing (1'-6" H)	CY	2	5%	2	\$ 240.00	\$ 469.00	2.800	\$ 60.00	\$ 168.00	\$ 328.30	\$ 797.30	
11		#4 @ 18" O.C Vert & #4 @ 12" O.C Horizontal	Lbs.	100	5%	105	\$ 1.20	\$ 126.25	0.012	\$ 60.00	\$ 0.72	\$ 75.75	\$ 202.00	
12		Wall Footing Formwork	SF	150	5%	158	\$ 2.30	\$ 362.25	0.045	\$ 60.00	\$ 2.70	\$ 425.25	\$ 787.50	
13		Excavation For Foundation	CY	39	5%	41	\$ -	\$ -	1.100	\$ 60.00	\$ 66.00	\$ 2,702.70	\$ 2,702.70	
14		Inside French Drainage around foundation perimeter with three channels connecting east- west and going outside foundation connecting to drain storm	LF	150	5%	158	\$ 8.30	\$ 1,307.25	0.045	\$ 60.00	\$ 2.70	\$ 425.25	\$ 1,732.50	
		Columns												
15		(36"x36"x12") Reinf. Concrete Column Footing (8 EA)	CY	3	5%	3	\$ 240.00	\$ 672.00	2.800	\$ 60.00	\$ 168.00	\$ 470.40	\$ 1,142.40	
16		(4) #4 Bar @ 12" O.C E.W	Lbs.	128	5%	135	\$ 1.20	\$ 161.60	0.012	\$ 60.00	\$ 0.72	\$ 96.96	\$ 258.56	
17		1'-0" H Column Footing Formwork	SF	96	5%	101	\$ 2.30	\$ 231.84	0.045	\$ 60.00	\$ 2.70	\$ 272.16	\$ 504.00	
18		Excavation For Columns Foundation	CY	5	5%	5	\$ -	\$ -	1.100	\$ 60.00	\$ 66.00	\$ 328.53	\$ 328.53	
		Concrete Slab												
19		10" Thick Reinf. Conrete Slab (1'-6" W)	CY	5	5%	5	\$ 240.00	\$ 1,179.36	2.800	\$ 60.00	\$ 168.00	\$ 825.55	\$ 2,004.91	
20		Plastic Vapor Barrier	SF	50	5%	53	\$ 0.42	\$ 22.05	0.010	\$ 60.00	\$ 0.60	\$ 31.50	\$ 53.55	
21		Water Proofing	SF	50	5%	53	\$ 0.42	\$ 22.05	0.010	\$ 60.00	\$ 0.60	\$ 31.50	\$ 53.55	
22		(3) #4 @ 12" O.C	Lbs.	412	5%	433	\$ 1.20	\$ 519.18	0.012	\$ 60.00	\$ 0.72	\$ 311.51	\$ 830.69	
23		#4 (7'-0") Long Dowel	Lbs.	5	5%	5	\$ 1.20	\$ 5.89	0.012	\$ 60.00	\$ 0.72	\$ 3.54	\$ 9.43	
24		Slab Formwork	LF	169	5%	177	\$ 2.30	\$ 407.46	0.045	\$ 60.00	\$ 2.70	\$ 478.32	\$ 885.78	
25		4" Thick Reinf. Concrete Slab (2075 SF)	CY	25	5%	27	\$ 240.00	\$ 6,389.71	2.800	\$ 60.00	\$ 168.00	\$ 4,472.79	\$ 10,862.50	
26		2" Rigid Insulation	SF	2075	5%	2179	\$ 0.42	\$ 915.08	0.010	\$ 60.00	\$ 0.60	\$ 1,307.25	\$ 2,222.33	
27		Granular Fill Over Compacted Soil Base	SF	2235	5%	2347	\$ 1.82	\$ 4,271.09	0.030	\$ 60.00	\$ 1.80	\$ 4,224.15	\$ 8,495.24	
28		#3 @ 16" O.C Each Way	Lbs.	4728	5%	4964	\$ 1.20	\$ 5,956.68	0.012	\$ 60.00	\$ 0.72	\$ 3,574.01	\$ 9,530.70	
29		4" H Concrete Slab Form Work	LF	255	5%	268	\$ 2.30	\$ 615.83	0.045	\$ 60.00	\$ 2.70	\$ 722.93	\$ 1,338.75	
30		10" Thick Reinf. Concrete Slab (108 SF)	CY	3	5%	3	\$ 240.00	\$ 836.64	2.800	\$ 60.00	\$ 168.00	\$ 585.65	\$ 1,422.29	
31		#3 @ 16" O.C Each Way	Lbs.	246	5%	258	\$ 1.20	\$ 309.84	0.012	\$ 60.00	\$ 0.72	\$ 185.90	\$ 495.74	
32		(3)#4 (6'-0") Long Corner Slab Bars	Lbs.	12	5%	13	\$ 1.20	\$ 15.15	0.012	\$ 60.00	\$ 0.72	\$ 9.09	\$ 24.24	
33		10" H Concrete Slab Form Work	LF	44	5%	46	\$ 2.30	\$ 106.26	0.045	\$ 60.00	\$ 2.70	\$ 124.74	\$ 231.00	
		Vapor Barrier												
34		Plastic Vapor Barrier	SF	2183	5%	2292	\$ 0.42	\$ 962.70	0.010	\$ 60.00	\$ 0.60	\$ 1,375.29	\$ 2,337.99	
35		Water Proofing	SF	2183	5%	2292	\$ 0.42	\$ 962.70	0.010	\$ 60.00	\$ 0.60	\$ 1,375.29	\$ 2,337.99	
		Thickened												
36		(10"x10") Thickened Conrete Slab	CY	1	5%	1	\$ 240.00	\$ 269.08	2.800	\$ 60.00	\$ 168.00	\$ 188.36	\$ 457.44	

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37		#4 Cont. & #4 (6'-0") Long Steel Bar Corner	Lbs.	32	5%	34	\$ 1.20	\$ 40.27	0.012	\$ 60.00	\$ 0.72	\$ 24.16	\$ 64.44				
38		10" H Thickened Form Work	SF	42	5%	44	\$ 2.30	\$ 101.07	0.045	\$ 60.00	\$ 2.70	\$ 118.64	\$ 219.71				
		Concrete Walls															
		Retaining															
39		8" Thick Reinf. Retaining Concrete Wall (4'-0" H)	CY	13	5%	13	\$ 240.00	\$ 3,215.52	2.800	\$ 60.00	\$ 168.00	\$ 2,250.86	\$ 5,466.38				
40		#4 @ 12" O.C Vert. & Horizontal	Lbs.	687	5%	722	\$ 1.20	\$ 866.09	0.012	\$ 60.00	\$ 0.72	\$ 519.65	\$ 1,385.74				
41		Retaining Wall Formwork	SF	1005	5%	1055	\$ 2.30	\$ 2,427.08	0.045	\$ 60.00	\$ 2.70	\$ 2,849.18	\$ 5,276.25				
42		6" Thick Reinf. Retaining Concrete Wall (4'-6" H)	CY	1	5%	1	\$ 240.00	\$ 231.00	2.800	\$ 60.00	\$ 168.00	\$ 161.70	\$ 392.70				
43		#4 @ 12" O.C Vert & #4 (6'-0") Long Corner Dowel	Lbs.	41	5%	43	\$ 1.20	\$ 51.34	0.012	\$ 60.00	\$ 0.72	\$ 30.81	\$ 82.15				
44		#5 @ 6" O.C Horizontal	Lbs.	103	5%	108	\$ 1.20	\$ 130.10	0.012	\$ 60.00	\$ 0.72	\$ 78.06	\$ 208.17				
45		Retaining Wall Formwork	SF	99	5%	104	\$ 2.30	\$ 239.09	0.045	\$ 60.00	\$ 2.70	\$ 280.67	\$ 519.75				
46		8" Thick Reinf. Retaining Concrete Wall (1'-6" H)	CY	0.37	5%	0	\$ 240.00	\$ 93.80	2.800	\$ 60.00	\$ 168.00	\$ 65.66	\$ 159.46				
47		#4 @ 12" O.C Vert & #4 (6'-0" & 3'-0") Long Corner Dowel	Lbs.	16	5%	17	\$ 1.20	\$ 20.20	0.012	\$ 60.00	\$ 0.72	\$ 12.12	\$ 32.32				
48		#5 @ 6" O.C Horizontal	Lbs.	31	5%	33	\$ 1.20	\$ 39.43	0.012	\$ 60.00	\$ 0.72	\$ 23.66	\$ 63.08				
49		Retaining Wall Formwork	SF	30	5%	32	\$ 2.30	\$ 72.45	0.045	\$ 60.00	\$ 2.70	\$ 85.05	\$ 157.50				
50		8" Thick Reinf. Retaining Concrete Wall (9'-0" H)	CY	2	5%	3	\$ 240.00	\$ 619.08	2.800	\$ 60.00	\$ 168.00	\$ 433.36	\$ 1,052.44				
51		#4 @ 12" O.C Vert & #4 (6'-0") Long Corner Dowel	Lbs.	70	5%	74	\$ 1.20	\$ 88.38	0.012	\$ 60.00	\$ 0.72	\$ 53.03	\$ 141.40				
52		#5 @ 6" O.C Horizontal	Lbs.	207	5%	217	\$ 1.20	\$ 260.21	0.012	\$ 60.00	\$ 0.72	\$ 156.12	\$ 416.33				
53		Retaining Wall Formwork	SF	198	5%	208	\$ 2.30	\$ 478.17	0.045	\$ 60.00	\$ 2.70	\$ 561.33	\$ 1,039.50				
		Stem															
54		8" Thick Reinf. Concrete Stem Wall (6" H)	CY	1	5%	1	\$ 240.00	\$ 317.52	2.800	\$ 60.00	\$ 168.00	\$ 222.26	\$ 539.78				
55		(1) #4 Longi Bar	Lbs.	68	5%	71	\$ 1.20	\$ 85.55	0.012	\$ 60.00	\$ 0.72	\$ 51.33	\$ 136.88				
56		6" H Stem Wall Formwork	LF	203	5%	213	\$ 2.30	\$ 490.92	0.045	\$ 60.00	\$ 2.70	\$ 576.30	\$ 1,067.22				
		Extra Bars															
57		#4 Hooked Dowel 6'-0"Long, #4 Dowel Horizontal 6'-0"Long & (2) #4 Vertical Bar	Lbs.	16	5%	17	\$ 1.20	\$ 20.20	0.012	\$ 60.00	\$ 0.72	\$ 12.12	\$ 32.32				
			Subtotal (Finishes)					\$ 38,843				\$ 57,916			\$ 96,758		
													PROJECTED COST		\$ 113,958		
													INSURANCE		3%	\$ 3,419	
													CONTINGENCY		5%	\$ 5,698	
													OVERHEAD AND PROFIT		15%	\$ 17,094	
																\$ 140,169	
													TAX		10.25%	\$ 14,367	
													TOTAL BID			\$ 154,536	

Lower Foundation Plan

Scale: 3/16" = 1'-0"

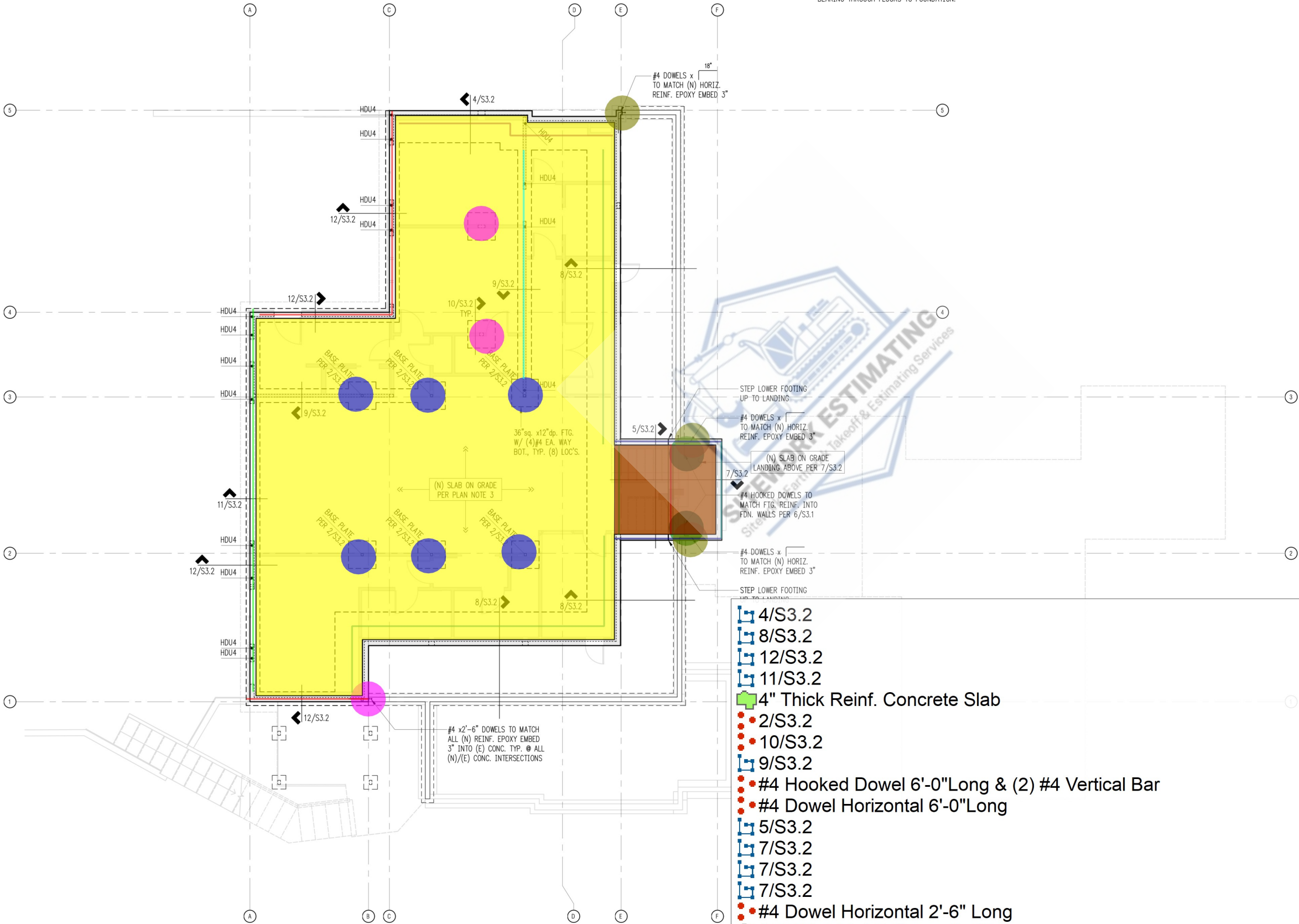


Plan Notes

- DO NOT SCALE DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
- REFER TO GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.
- NEW INTERIOR SLABS ON GRADE SHALL BE 4" MINIMUM THICKNESS. REINFORCE WITH #3 AT 16" O.C. CENTERED IN SLAB. BELOW SLAB PROVIDE A 10-MIL VAPOR BARRIER OVER 6" MINIMUM FREE DRAINING GRAVEL OVER FIRM NATIVE SOILS OR STRUCTURAL FILL.
- NEW EXTERIOR SLABS ON GRADE SHALL BE 4" MINIMUM THICKNESS. REINFORCE WITH #3 AT 16" O.C. CENTERED IN SLAB. BELOW SLAB PROVIDE 6" MINIMUM FREE DRAINING GRAVEL OVER FIRM NATIVE SOILS OR STRUCTURAL FILL.
- THE BOTTOM OF ALL NEW EXTERIOR FOOTINGS SHALL BE 18" MINIMUM BELOW EXTERIOR GRADE.
- ALL POSTS ABOVE SHALL BEAR FULLY ON BEAMS OR POSTS BELOW AND SHALL HAVE FULL CONTINUOUS BEARING THROUGH FLOORS TO FOUNDATION.

Legend

- NEW STRUCTURAL WALL OR POST ABOVE
- EXISTING STRUCTURAL WALL OR POST ABOVE
- NEW STEM WALL & FOOTING
- EXISTING STEM WALL & FOOTING
- HDUx
- HOLDOWN PER 10/S3.1



- 4/S3.2
- 8/S3.2
- 12/S3.2
- 11/S3.2
- 4" Thick Reinf. Concrete Slab
- 2/S3.2
- 10/S3.2
- 9/S3.2
- #4 Hooked Dowel 6'-0" Long & (2) #4 Vertical Bar
- #4 Dowel Horizontal 6'-0" Long
- 5/S3.2
- 7/S3.2
- 7/S3.2
- 7/S3.2
- #4 Dowel Horizontal 2'-6" Long
- 10" Thick Reinf. Concrete Slab

- 24.7 FT
- 76.9 FT
- 50.0 FT
- 41.9 FT
- 2,074.6 SQ FT
- 6.0
- 2.0
- 25.0 FT
- 2.0
- 3.0
- 23.4 FT
- 10.6 FT
- 9.8 FT
- 9.8 FT
- 1.0
- 107.8 SQ FT

DESIGN:

DRAWN:

CHECKED:

APPROVED:

REVISIONS:

PROJECT TITLE:

ARCHITECT:

ISSUE:

SHEET TITLE:

SCALE:

DATE:

PROJECT NO:

SHEET NO:



demo plan legend

- demolish
--- existing to remain

demo plan keynote legend

1. (e) existing; (e) wall, door or window to remain, no work
2. electrical panel to remain
3. no work this area, protect existing fixtures and finishes
4. remove (e) posts & stem walls/footings per structural; maintain support of upper levels as req'd.
5. remove existing finish flooring & framing as req'd
6. extend/preserve/cap (e) plumbing & HVAC that runs into crawlspace; make accommodations to tie into new
7. remove (e) door
8. remove/relocate (e) furnace in crawlspace - not shown
9. remove (e) hot water heater - not shown
10. remove (e) deck & railing
11. remove (e) concrete slab
12. remove existing stair
13. remove existing handrail & baluster
14. remove (e) wall



permit submittal 08/05/2024



**ATELIER
DROME**

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Chen Residence - Clyde Hill

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ad2.0

basement - demo plan

