

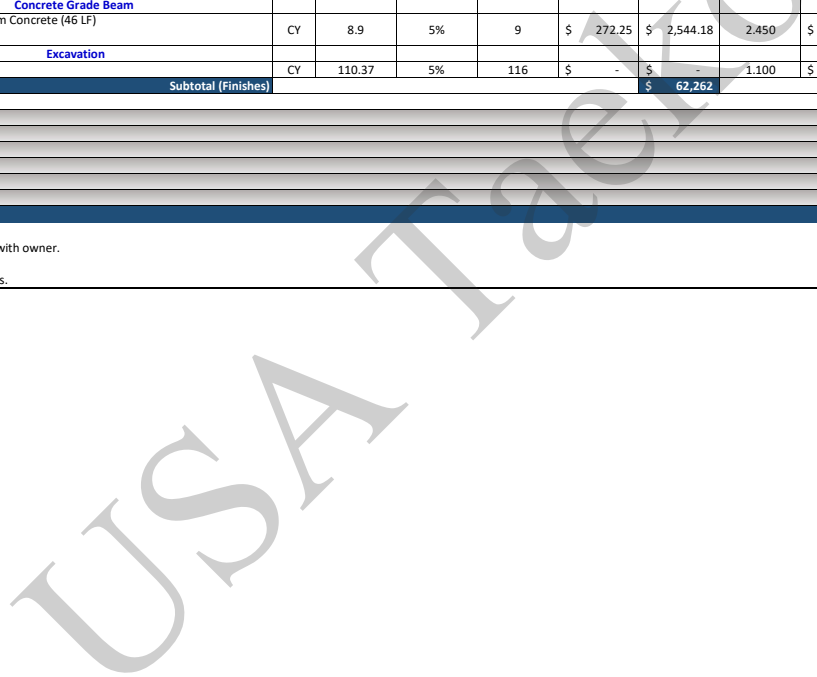
Building Data Summary	
Project ID:	*****
Location:	***** Hayward CA
Scope of Work:	Concrete
Date:	

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	\$ -	\$ -	\$ -	\$ 800.00	
2		Submittals and Shop drawings	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
3		Final Cleaning	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ 300.00	
4		Mobilization Costs	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ 250.00	
5		Temporary Control & Facilities	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ 250.00	
Subtotal (General Requirements)													\$	1,600

DIVISION 03- Concrete														
Concrete Slab														
6		(8" Thick) Concrete Slab (2349 SF) With #4 Bars @ 16" OC	CY	58	5%	61	\$ 272.25	\$ 16,580.03	2.450	\$ 40.00	\$ 98.00	\$ 5,968.20	\$ 22,548.23	
7		(5" Thick) Concrete Slab (2001 SF) With #4 Bars @ 18" OC	CY	30.8	5%	32	\$ 272.25	\$ 8,804.57	2.450	\$ 40.00	\$ 98.00	\$ 3,169.32	\$ 11,973.89	
8		6" Caltrans Class II Base Rock	SF	2001	5%	2101	\$ 1.82	\$ 3,823.91	0.030	\$ 40.00	\$ 1.20	\$ 2,521.26	\$ 6,345.17	
9		15 MIL Vapor Barrier	SF	2349	5%	2466	\$ 0.42	\$ 1,035.91	0.010	\$ 40.00	\$ 0.40	\$ 986.58	\$ 2,022.49	
10		6" Crushed Rock	SF	2349	5%	2466	\$ 1.82	\$ 4,488.94	0.030	\$ 40.00	\$ 1.20	\$ 2,959.74	\$ 7,448.68	
Continuous Footing														
11		(18"x36") Concrete Footing (250 LF) (2) #5 Bar @ Top, Mid, Bottom	CY	41.6	5%	44	\$ 272.25	\$ 11,891.88	2.450	\$ 40.00	\$ 98.00	\$ 4,280.64	\$ 16,172.52	
12		(20"x36") Concrete Footing (88 LF) (2) #5 Bar @ Top, Mid, Bottom	CY	16.3	5%	17	\$ 272.25	\$ 4,659.56	2.450	\$ 40.00	\$ 98.00	\$ 1,677.27	\$ 6,336.83	
Concrete Retaining Wall														
Footing														
13		(8"x12") Retaining Wall Footing Concrete (129 LF) With #5 @ 12" OC	CY	3.1	5%	3	\$ 272.25	\$ 886.17	2.450	\$ 40.00	\$ 98.00	\$ 318.99	\$ 1,205.16	
14		(5'-0"x12") Retaining Wall Footing Concrete (129 LF) With #5 @ 12" OC	CY	23.9	5%	25	\$ 272.25	\$ 6,832.11	2.450	\$ 40.00	\$ 98.00	\$ 2,459.31	\$ 9,291.42	
Wall (Designed By Other)														
15		(4' H, 8" Thick) Retaining Wall (453 LF) With #5 Bar @ 12" OC	CY	44.7	5%	47	\$ -	\$ -	2.450	\$ 40.00	\$ 98.00	\$ 4,599.63	\$ 4,599.63	
16		Water Proofing	SF	1812	5%	1903	\$ -	\$ -	0.030	\$ 40.00	\$ 1.20	\$ 2,283.12	\$ 2,283.12	
17		Fabric Mirafi 140B	SF	1812	5%	1903	\$ -	\$ -	0.030	\$ 40.00	\$ 1.20	\$ 2,283.12	\$ 2,283.12	
Concrete Stairs														
Stair Slab														
18		4" Concrete Slab (103 SF) With #4 Bars @ 18" OC	CY	1.26	5%	1	\$ 272.25	\$ 360.19	2.450	\$ 40.00	\$ 98.00	\$ 129.65	\$ 489.84	
Stair Step Concrete														
19		(3'-6" Wide) Concrete Steps - 3 EA	CY	0.24	5%	0	\$ 272.25	\$ 68.61	2.450	\$ 40.00	\$ 98.00	\$ 24.70	\$ 93.30	
20		(5'-0" Wide) Concrete Steps - 9 EA	CY	1	5%	1	\$ 272.25	\$ 285.86	2.450	\$ 40.00	\$ 98.00	\$ 102.90	\$ 388.76	
Concrete Grade Beam														
21		(18"x3'-6") Grade Beam Concrete (46 LF) With #4 @ 16" OC	CY	8.9	5%	9	\$ 272.25	\$ 2,544.18	2.450	\$ 40.00	\$ 98.00	\$ 915.81	\$ 3,459.99	
Excavation														
22		Excavation @ Footing	CY	110.37	5%	116	\$ -	\$ -	1.100	\$ 40.00	\$ 44.00	\$ 5,099.09	\$ 5,099.09	
Subtotal (Finishes)													\$	62,262

													PROJECTED COST	\$	103,641	
													INSURANCE	2%	\$	2,073
													CONTINGENCY	3%	\$	3,109
													OVERHEAD AND PROFIT	4%	\$	4,146
													INCREASE IN MATERIAL PRICE	0%	\$	-
													TAX	0%	\$	-
													SUGGESTED BID	\$	112,969	

Note:
1. Please verify the equipment's and their prices with owner.
2. Online sources are used for pricing.
3. Prices can vary depending upon field conditions.



NOTE: CONTRACTOR SHALL NOTIFY THE SOIL ENGINEER PRIOR TO ANY OF THE FOLLOWING WORKS.

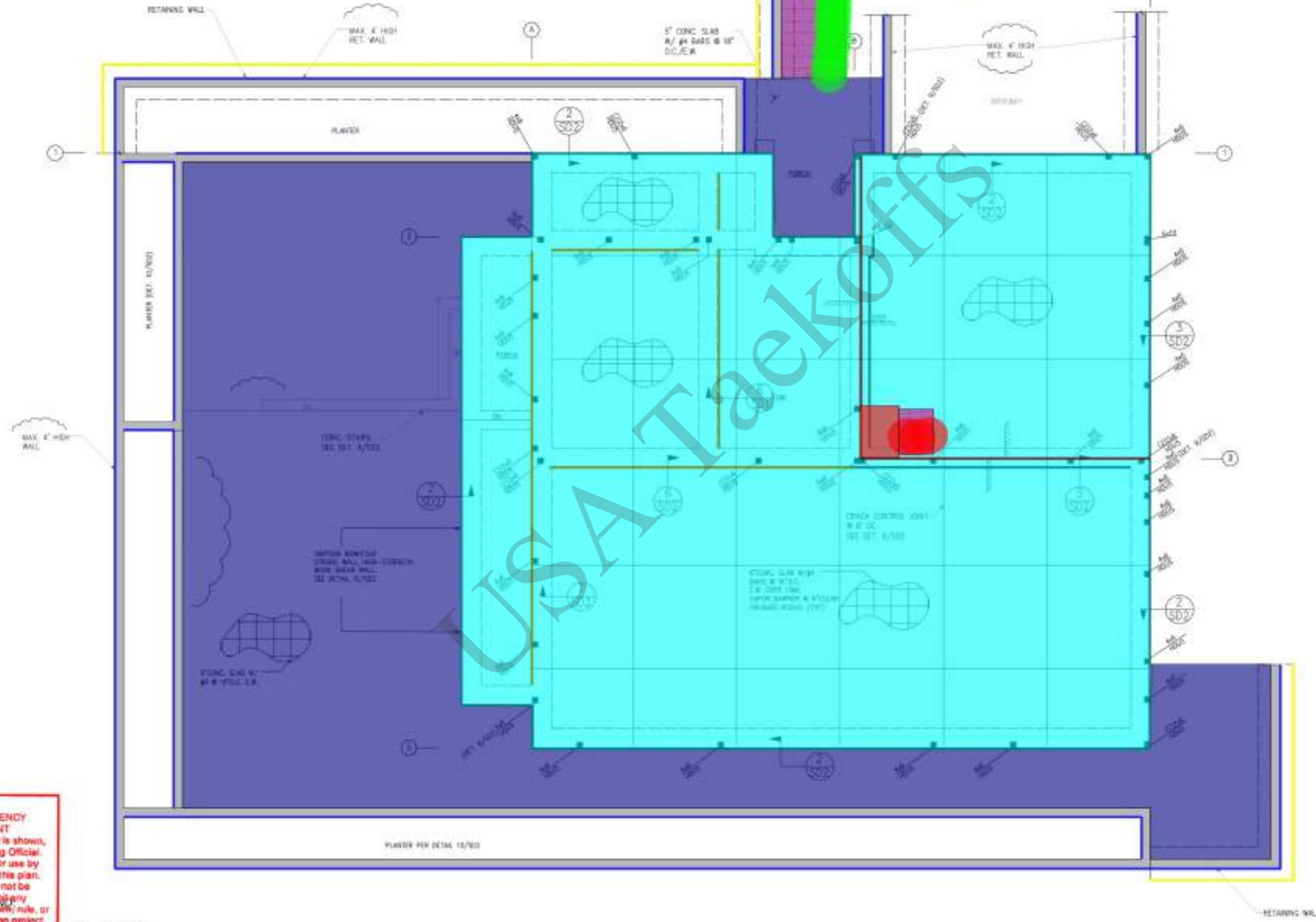
ALL EARTHWORK, SUBGRADE PREPARATION, CONSTRUCTION OF ANY FOUNDATION, ANY COMPACTION IN STRUCTURAL AND PAVING AREAS SHOULD BE OBSERVED, AND APPROVED BY THE SOIL ENGINEER. REFER TO THE SOIL'S REPORT FOR ADDITIONAL REQUIREMENTS BY THE SOIL ENGINEER.

USE HOT DIPPED GALVANIZED NAILS/SCREWS/BOLTS WITH ALL P.T. LUMBER

CONCRETE: $f_c=2,500$ psi
GRADE 40 STEEL

- (5" Thick) Concrete Slab
- (18"x36") Concrete Footing(2) #5 Bar @ Top, Mid, Bottom
- (8" Thick) Concrete Slab
- (8"x12") Retaining Wall Footing Concrete
- (5'-0"x12") Retaining Wall Footing Concrete (4" H)With #5 @ 12" OC
- 4" Concrete Slab
- (3'-6" Wide, 11" Tread, 7 1/2" Riser)
- (5'-0" Wide, 11" Tread, 7 1/2" Riser)
- (4" H, 8" Thick) Retaining Wall
- (18"x3'-6") Grade Beam Concrete With #4 @16" OC
- (20"x36") Concrete Footing
- 4" Concrete Slab

1,615.0 SQ FT
249.7 FT
2,348.4 SQ FT
99.9 FT
99.9 FT
57.7 SQ FT
3.0
9.0
423.9 FT
45.8 FT
68.0 FT
43.1 SQ FT



USA Takeoffs



CM ENGINEERS
TEL: (925) 818-0570

DATE: 03/14/23

SCALE: 1/4"=1'-0"

DRAWN: B.U.

JOB:

SHEET:





S-4

REVIEWED
ALAMEDA COUNTY PUBLIC WORKS AGENCY
BUILDING INSPECTION DEPARTMENT
Construction shall not be changed from what is shown, on this plan unless authorized by the Building Official. This plan shall be kept at the building site for use by the Building Inspector. Do not mark or alter this plan. Affixing of this stamp on these plans shall not be interpreted as permission to violate or pass any provisions of the adopted codes of any other law, rule, or regulation that is applicable to this construction project.

05/7/2024, 11:27:40 AM
BLD2023-00373
Samuel Tan

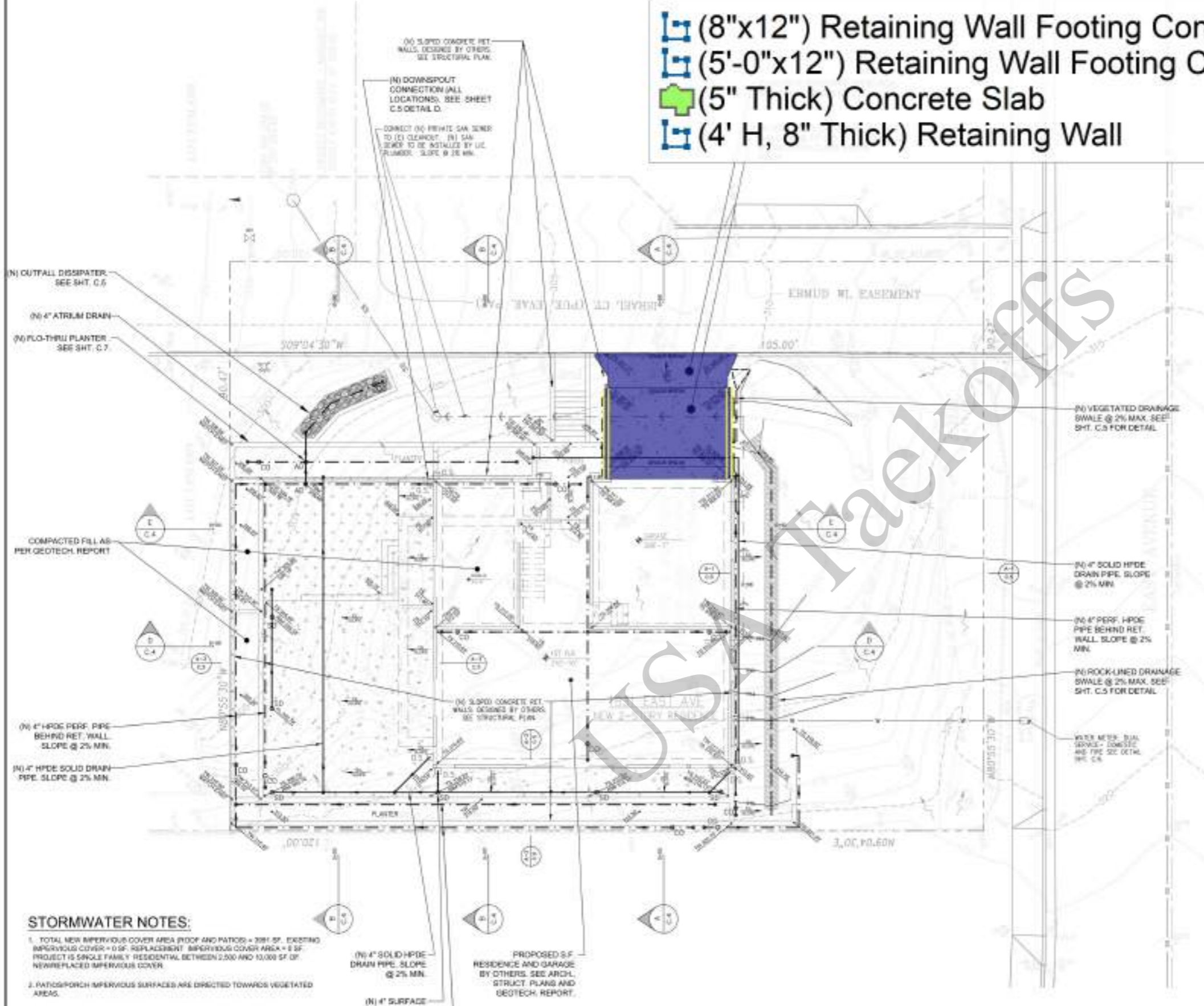
FOUNDATION PLAN
SCALE: 1/4"=1'-0"

LEGEND

-  (8"x12") Retaining Wall Footing Concrete
-  (5'-0"x12") Retaining Wall Footing Concrete (4' H)
-  (5" Thick) Concrete Slab
-  (4' H, 8" Thick) Retaining Wall

-  28.8 FT
-  28.8 FT
-  385.4 SQ FT
-  28.8 FT

-  1/2" SLOPED CONCRETE RET. WALLS, DESIGNED BY OTHERS. SEE STRUCTURAL PLAN.
-  (N) DOWNSPOUT CONNECTION (ALL LOCATIONS). SEE SHEET C.5 DETAIL D.
-  (N) 4" ATRIUM DRAIN
-  (N) FLO-THRU PLANTER SEE SHT. C.7
-  (N) 4" HPDC PERFORATED PIPE BEHIND RET. WALL. SLOPE @ 2% MIN.
-  (N) 4" HPDC SOLID DRAIN PIPE. SLOPE @ 2% MIN.
-  (N) 4" SOLID HPDC DRAIN PIPE. SLOPE @ 2% MIN.
-  (N) 4" PERFORATED HPDC PIPE BEHIND RET. WALL. SLOPE @ 2% MIN.
-  (N) ROCK-LINED DRAINAGE SWALE @ 2% MAX. SEE SHT. C.5 FOR DETAIL.
-  (N) VEGETATED DRAINAGE SWALE @ 2% MAX. SEE SHT. C.5 FOR DETAIL.
-  (N) 4" SOLID HPDC DRAIN PIPE. SLOPE @ 2% MIN.
-  (N) 4" PERFORATED HPDC PIPE BEHIND RET. WALL. SLOPE @ 2% MIN.
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-  (N) ROCK-LINED DRAINAGE SWALE @ 2% MAX. SEE SHT. C.5 FOR DETAIL.



STORMWATER NOTES:

- TOTAL NEW IMPERVIOUS COVER AREA (ROOF AND PATIOS) = 3881 SF. EXISTING IMPERVIOUS COVER = 0 SF. REPLACEMENT IMPERVIOUS COVER AREA = 0 SF. PROJECT IS SINGLE FAMILY RESIDENTIAL BETWEEN 2,500 AND 10,000 SF OF NEW/REPLACED IMPERVIOUS COVER.
- PATIO/PORCH IMPERVIOUS SURFACES ARE DIRECTED TOWARDS VEGETATED AREAS.
- ROOF AND PATIOS DIRECTED TO AND TREATED IN FLO-THRU PLANTER.
- ELEVATIONS AND DRAINAGE PATTERNS OUTLINED IN THIS PLAN SHALL BE ADHERED TO TO INSURE THAT IMPERVIOUS AREAS DRAIN AWAY FROM BUILDINGS AND TO VEGETATED AND PERVIOUS AREAS.

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 ALAMEDA COUNTY PUBLIC WORKS AGENCY
 BUILDING INSPECTION DEPARTMENT
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 BLD2023-00373
 Samuel Tan

GRADING DRAINAGE AND UTILITY PLAN
 SCALE: 1/8" = 1'



OWNER:
 RAJESH SESHUJALAM &
 MANCHAMMA BALAJI TRUST
 18820 BARKHART AVENUE
 CUPERTINO, CA 95014
 408.773.3600

PROJECT ADDRESS:
 24354 ISRAEL COURT
 HAYWARD, CA 94541
 APN: 425-180-48 & 49



REVISION		
No.	DESCRIPTION	DATE

PROJECT No.:
 DRAWN BY:
 CHECKED BY:
 DATE: 3/07/23

C.3