

Cool and Cobb Engineering Company

Date: 7/1/2025
Job: House Buyer Joe LLC
Location: 253 SW Huntington Glen, Lake City, FL 32024

Project: 25-1141

Re: As Built Certification

As of this date I have inspected the Installation Log on the above noted project. Based on the Installation Log, I hereby approve the installation as being in accordance with the Florida Building Code 2023 8th Edition, and with the design completed and certified by Cool and Cobb Engineering Company for this project. This certification does not address any possible sinkhole activity as defined in Florida Statute § 627.706.

Sincerely,

7/1/2025

Kenneth F. Wheeler, P.E.
State of Florida
Professional Engineer No. 60417

This item has been digitally signed and sealed by Kenneth F. Wheeler, P.E. on the date adjacent to the seal.

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Legend

Foundation



1-16 New Helical
Piles



7/1/2025

Kenneth F. Wheeler, PE #60417
Cool and Cobb Engineering Co.
203 W. Main Street,
Avon Park, FL 33825

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the date adjacent to the seal.

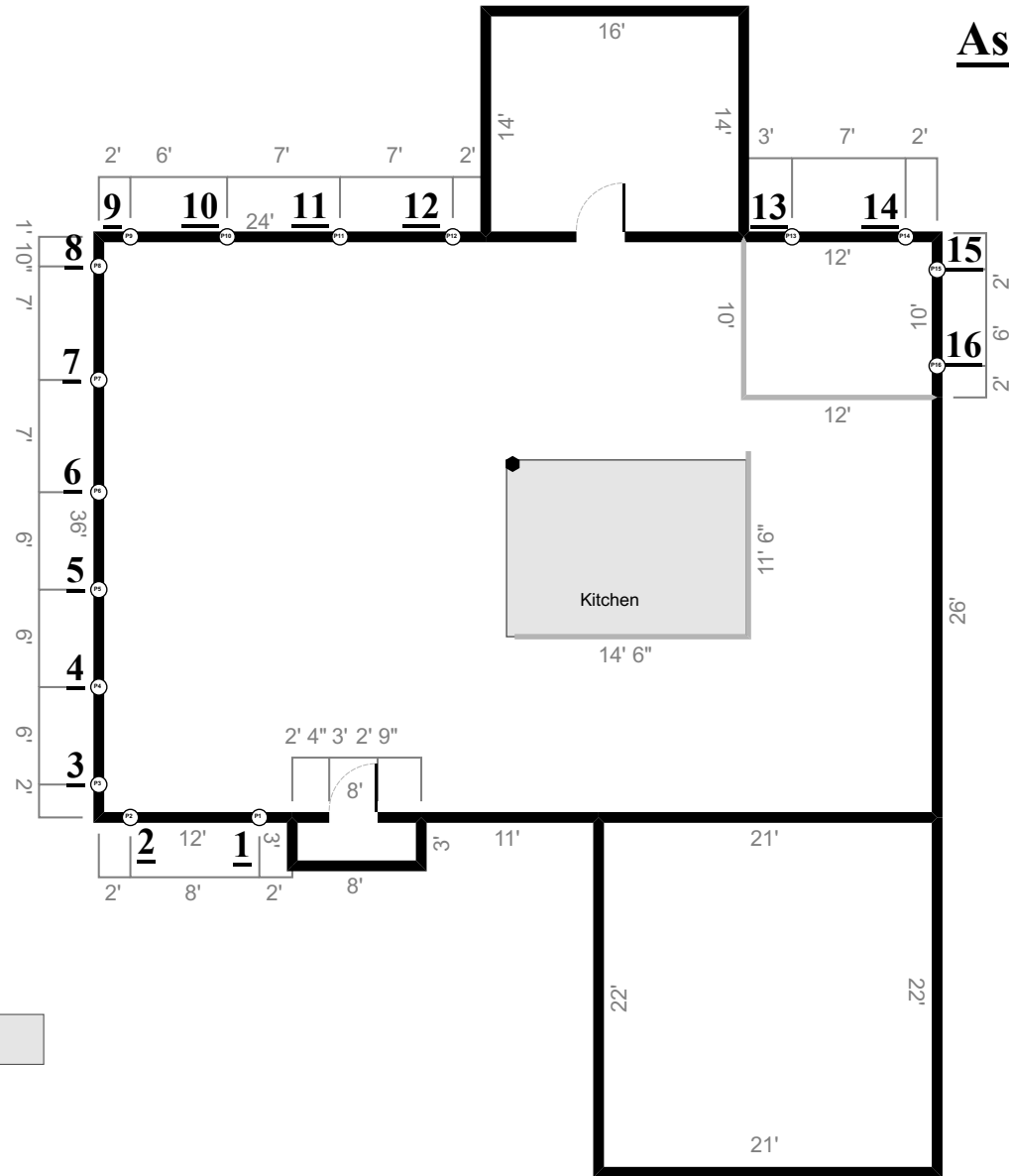
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Brick Block Structure
Built: 1997
Found: Concrete Slab
Slab depth: 12 inches
Siding: Brick
Roof: Shingle

FPI to install: Up to (16) ECP
helicals



As-Built



House Buyer Joe LLC - Foundation Repair

Foundation Professionals of Florida

3309 SW State Road 247
Lake City, FL 32024
www.foundationprosfl.com
(386) 755-3002



Project Address

House Buyer Joe LLC
Josiah Murdaugh
253 SW Huntington Glen
Lake City, FL 32024
(904) 732-0833 | josiah@housebuyerjoe.com

Created By

Brandon Gregory
(386) 755-3002
estimates@foundationprosfl.com
Created 4/7/2025



As-Built

HELICAL PILE INSTALLATION LOG

CLIENT NAME Joshua Murdaugh INSTALLATION EQUIPMENT E-48 / tele-torque
 PROJECT NAME 253 SW Hummingbird Glen TORQUE MEASUREMENT DEVICE _____
 PROJECT ADDRESS Lake city 32084 SERIAL NUMBER _____
 PROJECT NUMBER _____ CALIBRATION DATE _____

DATE OF INSTALLATION														
PILE DESIGNATION			1	2	3	4	5	6	7	8	9	10	11	12
GRID LOCATION		1	381	300	308	453	177	144	171	231	639	221	251	264
ELEV	PLANNED TOP OF PILE	2	422	541	390	694	445	526	167	1263	818	544	811	294
	MEASURED TOP OF PILE	3	515	2381	922	1217	1043	1271	272	1879	1073	1603	1679	426
ANGLE	PLANNED INCLINATION	4	666	3090	1723	1642	1213	3273	1866	1784	1599	2029	2361	1151
	MEASURED INCLINATION	5	951	4547	2304	2709	809	3867	2768	1363	2338	2449	3513	2788
Length	PLANNED	6	1012	3449	2359	3001	1794	4107	4060	3008	1317	4371	3511	3281
	MINIMUM	7	3000	3284	3225	4001	3129	4402	5590	7659	2483	1145	4471	4585
	INSTALLED	8	4275	7025	5437	4088	3113	4634	4590	6030	4376	1678	5259	5450
CONFIGURATION	ABOVE GROUND	9	4926	7534	6044	5084	4129	4737	4345	6082	4870	3899	8959	8836
	SHAFT DESIGNATION	10	5922	8004	6844	5456	2852	4305	5779	8140	2518	4775	9542	7789
	ISOICC TAG	11	6006	9389	8413	5874	4665	5118	6293	9314	5175	Final	Final	7794
	HELIX TYPE	12	6721	Final	Final	Final	5408	Final	Final	Final	Final			Final
	HELIX DIAMETERS	13	5651				Final							
TORQUE MEASUREMENTS	DEPTH (FT)	14	5589											
	5	15	Final											
	10	16												
	15	17												
	20	18												
	25	19												
	30	20												
	35	21												
	40	22												
	45	23												
	50	24												
	55	25												
	60	26												
	65	27												
	70	28												
75														
85														
90														
95														
100		10 FT	10 FT	10 FT	10 FT	10 FT	10 FT	10 FT	10 FT	10 FT	10 FT	10 FT	10 FT	
FINAL TORQUE	REQUIRED		1400psi	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400
	MEASURED													
BEARING STRATUM	PLANNED													
	OBSERVED		5589	9389	8413	5874	4665	5118	6293	9314	5175	4775	9542	7794

NOTES

PILE INSTALLER NAME

REVIEWER

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7/1/2025

Reviewed and approved by:
 Kenneth F. Wheeler, PE #60417
 Cool and Cobb Engineering Co.
 203 W. Main St., Avon Park, FL 33825

HELICAL PILE INSTALLATION LOG

CLIENT NAME Joshua Murdaugh INSTALLATION EQUIPMENT _____
PROJECT NAME _____ TORQUE MEASUREMENT DEVICE _____
PROJECT ADDRESS _____ SERIAL NUMBER _____
PROJECT NUMBER _____ CALIBRATION DATE _____

DATE OF INSTALLATION														
PILE DESIGNATION			13	14	15	16	5	6	7	8	9	10	11	12
GRID LOCATION			286	313	449	401								
ELEV	PLANNED TOP OF PILE	2	475	3293	1056	1628								
	MEASURED TOP OF PILE	3	620	1239	2348	4287								
ANGLE	PLANNED INCLINATION	4	2544	1626	3557	4802								
	MEASURED INCLINATION	5	3010	2511	5682	7305								
Length	PLANNED	6	2758	6916	4604	10,771								
	MINIMUM	7	4589	9110	9475	Refusal								
	INSTALLED	8	4120	Refusal	Refusal									
	ABOVE GROUND	9	5567											
CONFIGURATION	SHAFT DESIGNATION	10	6021											
	ISO/ICC TAG	11	Final											
	HELIX TYPE	12												
	HELIX DIAMETERS	13												
TORQUE MEASUREMENTS	DEPTH (FT)	14												
	5	15												
	10	16												
	15	17												
	20	18												
	25	19												
	30	20												
	35	21												
	40	22												
	45	23												
	50	24												
	55	25												
	60	26												
	65	27												
	70	28												
	75													
	85													
	90													
	95													
	FINAL TORQUE	100	10FT	10FT	10FT	10FT								
REQUIRED		1400	1400	1400	psj 1400									
	MEASURED													
BEARING STRUTUM	PLANNED													
	OBSERVED	6021	9110	9475	10,771									

NOTES

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