

COMPANY LOGO	Sandpiper Coast Roofing LLC 2716 W Calloway Pines Rd, Tampa, FL 33614 (813) 555-0100 · FL Roofing Lic. CCC1990142 (fictional)	JOB HAZARD ANALYSIS JHA · Residential Re-Roof HIGHEST RISK H · HIGH → M · MEDIUM before → after controls		JHA NO.	JHA-2026-0142
		REV.	0		
		DATE	10/20/2026		
		DOC. ID	JHB-26-7F3K-0142		

1 JOB INFORMATION				
PROJECT / JOB NAME Okafor Residence – Full Re-Roof		JOB SITE ADDRESS 4418 W Gull Hollow Ln, Tampa, FL 33611		GC / CLIENT Gullhollow Homes Inc. (GC) for the homeowner
TRADE Roofing – residential				
ESTIMATED DURATION 2 days (7:00 AM – 3:30 PM)	CREW SIZE 6 (1 foreman + 5 roofers)	COMPETENT PERSON ON SITE Jordan Rivera, Foreman	PREPARED BY Jordan Rivera, Foreman SIGNATURE	REVIEWED / APPROVED BY Casey Morgan, Safety Manager (competent person) SIGNATURE
TASK / ACTIVITY Tear-off of existing asphalt shingles and installation of new underlayment, architectural shingles, flashing and ridge vent. Approx. 28 squares, 6/12 pitch, single-story, eave height approx. 11 ft.			MAJOR TOOLS & EQUIPMENT Fiberglass extension ladders · roof anchors & PFAS · roof brackets · pneumatic nailers & compressor · GFCI cords · dumpster / debris chute	

2 REQUIRED PERSONAL PROTECTIVE EQUIPMENT (PPE)				
Checked items are required for this task. Inspect PPE before each use.				
☒ Hard hat ANSI Z89.1	☒ Safety glasses ANSI Z87.1, side shields	☒ Hi-vis vest / shirt Ground crew & delivery	☒ Work gloves Cut-resistant for flashing	☒ Fall arrest harness Full body, inspected daily
☒ Hearing protection Near compressor / nailers	☐ Respirator Not required unless dust/mold found	☒ Steel-toe boots Soft-sole roofing safety boot	☐ Face shield Only when grinding/cutting metal	☒ Other Sun protection: wide-brim hat cover, sunscreen

3 REQUIRED TRAINING, PERMITS & EQUIPMENT	
Confirm each checked item is in place before work begins.	
☒ Fall protection training (written certification on file)	☒ GFCI protection on all extension cords and tools
☒ Competent person present on site at all times	☒ Debris chute or barricaded drop zone below roof edge
☒ Ladder inspection before use (each shift)	☒ Building / roofing permit posted (local jurisdiction)
☒ Roof anchors installed per manufacturer / 5,000 lb rated	☐ Hot work permit
☒ Personal fall arrest systems inspected before each use	☒ Overhead power line survey / utility coordination
☒ Heat illness prevention briefing & water/shade set up	☒ Material hoist / boom delivery plan with spotter

SITE CONDITIONS / SPECIAL NOTES - Afternoon thunderstorms likely; stop roof work and get off the roof at first thunder or lightning; resume 30 min after last strike. - Single-story home, driveway access only. Dumpster on driveway; keep homeowner vehicles and pets out of drop zone. - Service drop enters at east gable – no ladders or material staging on that side.

4 HAZARD ANALYSIS							
Risk = Severity (S) × Likelihood (L). See Risk Matrix Key (Section 5). Tags show each control's type.							
#	JOB STEP (SEQUENCE)	POTENTIAL HAZARDS	RISK BEFORE CONTROLS	CONTROLS / SAFE WORK PRACTICES	RISK AFTER CONTROLS	OSHA REFERENCE	RESPONSIBLE PERSON
1	Site set-up, pre-task briefing and material delivery	- Struck by delivery truck or boom loader - Contact with overhead service drop / power lines - Homeowner, public or pets entering work area - Trips over hoses, cords and materials	HIGH S3 × L2 = 6	ADMIN Hold pre-task briefing; review this JHA with all crew ADMIN Locate service drop and overhead lines; keep ladders, booms and materials clear; contact utility if clearance cannot be kept ADMIN Use a dedicated spotter for truck and boom movements ADMIN Barricade work and drop zones with cones and caution tape; inform homeowner ADMIN Route hoses and cords away from walkways	MEDIUM S3 × L1 = 3	1926.20(b)(2) 1926.21(b)(2) 1926.416(a)(1) 1926.416(b)(2)	Foreman
2	Ladder access to roof	- Fall from ladder - Ladder slides out or tips at the top - Electrical contact (metal ladder near lines) - Losing balance while carrying materials	HIGH S3 × L2 = 6	ADMIN Competent person inspects ladder each shift; tag and remove defective ladders ENG Side rails extend at least 3 ft above the eave; secure top and set at 4:1 angle ENG Set on stable, level base; use levelers or stakes on soft ground SUBST Use non-conductive (fiberglass) ladders ADMIN Face ladder, keep one hand on ladder; hoist materials instead of carrying	MEDIUM S3 × L1 = 3	1926.1053(b)(1) 1926.1053(b)(5)(i) 1926.1053(b)(6) 1926.1053(b)(12) 1926.1053(b)(15) 1926.1053(b)(20)-(22) 1926.1060(a)	All crew; competent person (inspection)
3	Install roof anchors and fall protection	- Fall from roof edge before anyone is tied off - Anchor pulls out or is not rated - Damaged harness, lanyard or lifeline	HIGH S3 × L2 = 6	ADMIN Install first anchor from ladder near ridge; tie off immediately ENG Anchors rated 5,000 lb per worker or as designed by a qualified person; fasten into rafters/trusses per manufacturer ADMIN Inspect harness, lanyard, SRL and rope grab before each use; remove defective gear ADMIN Fall protection training certified before working on roof	MEDIUM S3 × L1 = 3	1926.501(b)(11) 1926.501(b)(13) 1926.502(d)(15) 1926.502(d)(21) 1926.503(a) 1926.503(b)	Competent person
4	Shingle tear-off	- Slip and fall on loose granules, felt and debris - Lacerations / punctures from exposed nails - Flying debris to eyes - Debris falling on workers or public below - Back strain from repeated shoveling	HIGH S3 × L3 = 9	PPE All roofers tied off with personal fall arrest system at all times ENG Install roof brackets and toe-boards; work top-down and keep footing clear PPE Safety glasses with side shields, gloves and hard hats ADMIN Barricade area below; no one under the work ADMIN Rotate tasks and use proper shoveling posture	MEDIUM S3 × L1 = 3	1926.501(b)(13) 1926.501(c) 1926.102(a)(2) 1926.100(a) 1926.28(a)	Foreman; all roofers
5	Debris removal to dumpster	- Struck by falling debris - Debris missing dumpster and landing in public areas - Dumpster overloaded or nails scattered on ground	HIGH S2 × L3 = 6	ENG Use enclosed chute if debris drops more than 20 ft outside exterior walls ENG Otherwise place dumpster directly below eave and barricade drop zone ADMIN Ground worker stays clear while debris is dropped; use verbal "clear" call ADMIN Remove scrap from work area as work progresses	LOW S2 × L1 = 2	1926.252(a) 1926.252(c) 1926.501(c)(3) 1926.25(a)	Foreman; ground crew

#	JOB STEP (SEQUENCE)	POTENTIAL HAZARDS	RISK BEFORE CONTROLS	CONTROLS / SAFE WORK PRACTICES	RISK AFTER CONTROLS	OSHA REFERENCE	RESPONSIBLE PERSON
6	Roof deck inspection and sheathing repair	- Fall through rotted decking, holes or skylights - Deck not strong enough to support workers and bundles - Saw cuts while replacing sheathing	H HIGH S3 × L2 = 6	ADMIN Competent person checks deck strength and integrity before loading ADMIN Walk on rafters/solid areas; mark soft spots immediately ENG Cover openings with secured covers marked "HOLE" or "COVER"; guard skylights ENG Use guarded saws; keep cords clear of cut line	M MEDIUM S3 × L1 = 3	1926.501(a)(2) 1926.501(b)(4)(i) 1926.502(i)(3) 1926.502(i)(4)	Competent person
7	Install underlayment	- Slip on synthetic underlayment, especially with dew or rain - Wind catching rolls and pulling worker off balance - Fall from roof edge	H HIGH S3 × L3 = 9	PPE Stay tied off; keep roof brackets/toe-boards in place ADMIN Do not install or walk on underlayment when wet; wait for dew to dry ADMIN Fasten each course as it is rolled out; stop in high winds PPE Wear soft-sole roofing boots with good tread	M MEDIUM S3 × L1 = 3	1926.501(b)(11) 1926.501(b)(13) 1926.28(a)	All roofers
8	Load and install shingles (pneumatic nailers)	- Nail-gun injuries (hands, legs, ricochet) - Air hose disconnect / whipping; trip over hose - Shingle bundles sliding off roof - Overexertion lifting bundles (approx. 70 lb)	H HIGH S3 × L2 = 6	ENG Use nailers with working muzzle safety; never bypass; use sequential trigger ADMIN Disconnect air before clearing jams or moving between sections ENG Secure tool to hose by positive means; manage hose ADMIN Store bundles stable and at least 6 ft from edge unless guardrails are installed ENG Use hoist/boom to load roof; team lift	L LOW S2 × L1 = 2	1926.302(b)(1) 1926.302(b)(3) 1926.502(j)(7)(i) 1926.502(j)(7)(ii) 1926.102(a)(1)	Foreman; all roofers
9	Flashing, vents and ridge work	- Cuts from sheet metal flashing - Fall at ridge, valleys and roof edges - Electrical shock from damaged cords or tools - Eye injury when cutting metal	H HIGH S3 × L2 = 6	PPE Cut-resistant gloves when handling and cutting flashing PPE Maintain tie-off; reposition anchors before working ridge ENG Use GFCI on all cords and tools; remove worn or frayed cords PPE Safety glasses; face shield when grinding	L LOW S2 × L1 = 2	1926.404(b)(1)(i) 1926.416(e)(1) 1926.102(a)(1) 1926.501(b)(13)	Lead roofer
10	Heat exposure (all day, Florida conditions)	- Heat exhaustion and heat stroke - Dehydration - Sunburn; hot roof surfaces - Reduced alertness leading to falls	H HIGH S3 × L3 = 9	ADMIN Cool potable water on site; drink about 1 cup every 15–20 min ADMIN Scheduled rest breaks in shade; start early, heaviest work in morning ADMIN Acclimatize new or returning workers with shorter shifts ADMIN Buddy system; train crew on heat illness signs; call 911 for heat stroke	M MEDIUM S3 × L1 = 3	1926.51(a)(1) 1926.21(b)(2) OSH Act §5(a)(1)	Foreman
11	Final cleanup and demobilization	- Nails left in yard and driveway (punctures) - Fall while removing anchors and brackets - Struck by materials lowered from roof	M MEDIUM S2 × L2 = 4	ADMIN Magnetic sweep of yard, beds and driveway; homeowner walk-through PPE Stay tied off until last anchor is removed; remove anchors working toward ladder ADMIN Lower tools and materials with a line, never throw from roof	L LOW S2 × L1 = 2	1926.25(a) 1926.501(b)(13) 1926.501(c)	Foreman; all crew

5 | RISK MATRIX KEY

SEVERITY	LIKELIHOOD (L)		
	1 – Unlikely	2 – Possible	3 – Likely
	3 – Major (fatality / permanent disability)	M 3	H 6
	2 – Serious (lost time / recordable)	L 2	M 4
	1 – Minor (first aid)	L 1	M 3

H HIGH	6–9	Do not proceed. Add controls and re-assess, or stop work.
M MEDIUM	3–4	Proceed only with all controls in place and verified by the foreman.
L LOW	1–2	Proceed with listed controls; supervise normally.

CHOOSING CONTROLS – HIERARCHY OF CONTROLS

Eliminate > Substitute > Engineering > Administrative > PPE

Control tags: **ELIM** **SUBST** **ENG** **ADMIN** **PPE**

Use the most effective control that is feasible; PPE is the last line of defense, not the only one. Tags on each control in Section 4 use the same colors.

6 | EMERGENCY INFORMATION

911

IN AN EMERGENCY CALL 911

4418 W Gull Hollow Ln, Tampa, FL 33611 – cross street W Pelican Bend Ave; tan house, white garage door

NEAREST HOSPITAL / ER

Calloway Pines Regional Hospital – Emergency Dept. (fictional)

6100 N Calloway Pines Blvd, Tampa, FL 33614 (route checked by foreman before day 1)
(813) 555-0190 · 6.4 mi · about 15 min by car

EMERGENCY CONTACTS

Foreman **Jordan Rivera** (813) 555-0142
Safety manager **Casey Morgan** (813) 555-0143
GC superintendent **Dana Whitfield** (813) 555-0144

RESCUE PLAN FOR FALLS

1. Call 911 immediately and give site address
2. Talk to the suspended worker; have them use trauma relief straps and keep legs moving
3. Rescue from ladder or adjacent roof area if safe; never untie the rescuer
4. Goal: worker reached and relieved within minutes to limit suspension trauma
5. Do not reuse fall arrest equipment that has arrested a fall

HEAT ILLNESS PLAN (WATER · REST · SHADE)

- Water: cool potable water at the truck; refill coolers at lunch
- Rest: scheduled breaks every hour, more often when heat index is high
- Shade: pop-up canopy at ground level next to the water station
- Watch for: dizziness, cramps, heavy sweating, confusion, or no sweating
- Heat stroke: call 911, move to shade, cool with water and ice until help arrives

FIRST AID KIT / AED LOCATION

First aid kit in foreman's truck cab. AED in a wall case on the truck's rear seat. First-aid / CPR trained: J. Rivera, M. Delgado.

ASSEMBLY POINT

Front driveway at the street, next to the mailbox.

OSHA reference: 1926.50(b) · 1926.50(c) · 1926.50(d)(1) · 1926.50(f) · 1926.502(d)(20) · 1926.51(a)(1)

7 | EQUIPMENT / TRAINING / INSPECTION

One row per major piece of equipment. Train before use; remove defective equipment from service.

#	EQUIPMENT	TRAINING REQUIRED	INSPECTION REQUIRED (frequency)	BY WHOM
1	Fiberglass extension ladders (28 ft)	Ladder training by a competent person: 4:1 set-up, 3 ft above the eave, tie-off at top, three points of contact	Before each use (rails, feet, rungs); periodically and after any incident; tag out defective ladders	User (each use); competent person (periodic)
2	Roof anchors & PFAS (harness, lanyard / SRL, rope grab, lifeline)	Fall protection training by a competent person before roof work; written certification record on file	Before each use: cuts, wear, damaged hardware, deployed impact indicators; remove any component that arrested a fall	User; competent person verifies daily
3	Roof brackets & toe-boards	Install per manufacturer: fasten into rafters/trusses, plank secured	Each morning and after moving: fasteners tight, planks sound	Lead roofer
4	Pneumatic coil nailers (sequential trigger)	Manufacturer's instructions; sequential trigger only; disconnect air before clearing jams	Daily before use: muzzle safety (contact element), trigger, quick-connect fitting, no air leaks	Operator
5	Air compressor & hoses	Start-up / shutdown, pressure setting, hose routing away from walkways	Daily: hoses and couplings, pressure relief valve, guards; drain tank at end of shift	Foreman
6	GFCI-protected extension cords	Crew briefed: GFCI on every cord and tool; remove worn or frayed cords	Before each day's use: visual check of cords and plugs; test GFCI button	User; foreman
7	Dumpster (20 yd) & debris chute	Drop-zone procedure, verbal "clear" call, no one in the drop zone while debris is dropped	Each shift: dumpster directly below eave, drop zone barricaded, chute sections secured	Foreman (competent person)

8 | CREW SIGN-OFF

By signing, I confirm this JHA was reviewed with me, I understand the hazards and controls, and I will stop work if conditions change.

#	NAME (PRINT)	ROLE	SIGNATURE	COMPANY	DATE
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Scan to sign on your phone
JHA-2026-0142

REVIEWED WITH CREW BY

NAME (PRINT)

TITLE

SIGNATURE

DATE

TIME

REVISION LOG

REV.	DATE	DESCRIPTION	BY
0	10/20/2026	Initial issue	Jordan Rivera