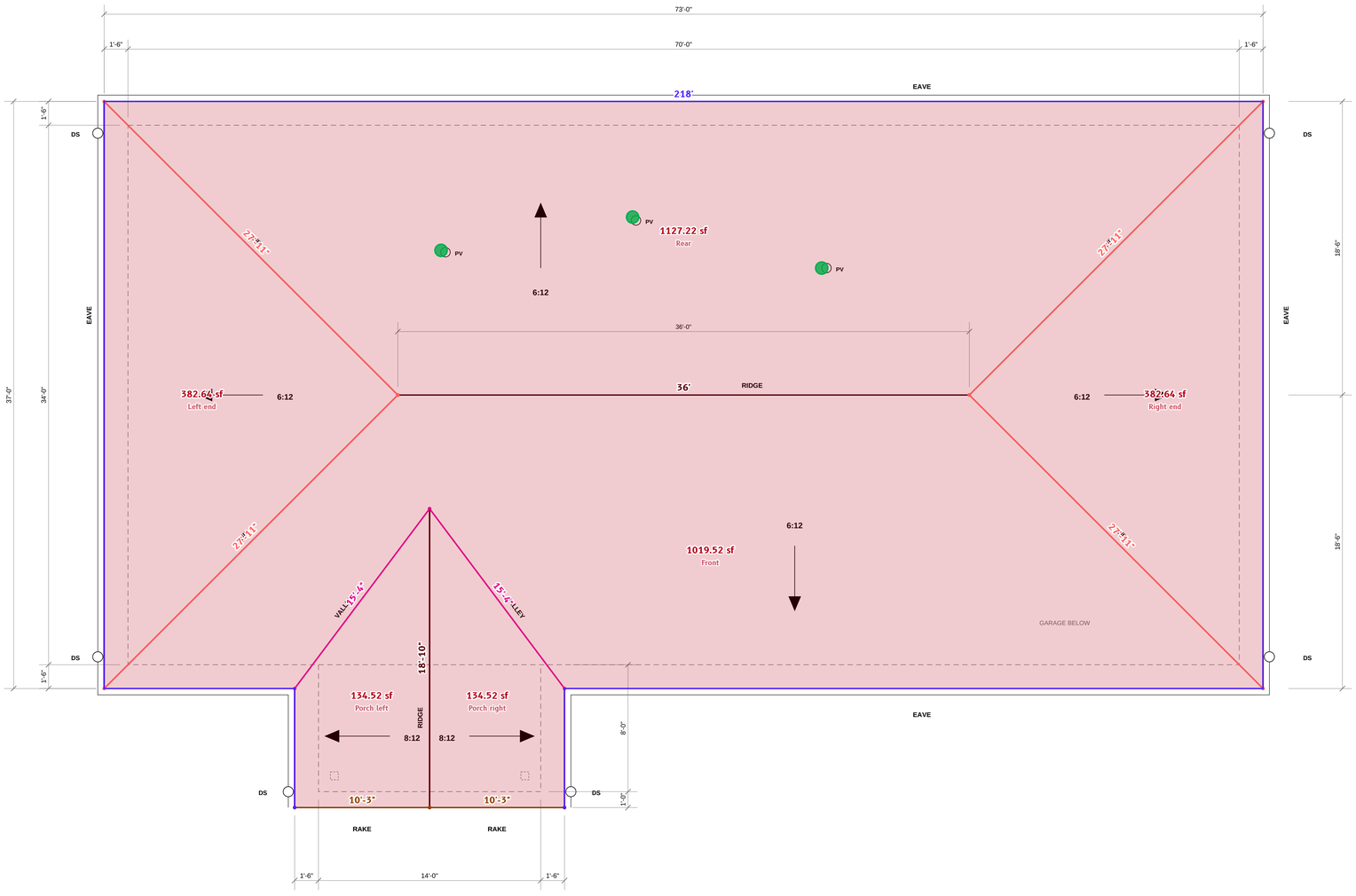

1 ROOF PLAN

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

LEGEND

- ROOF EDGE: EAVE OR RAKE
- RIDGE, HIP OR VALLEY, AS LABELED
- EXTERIOR WALL OR POST BELOW
- 5" K-STYLE GUTTER OUTSIDE THE EAVE
- DS — DOWNSPOUT
- PV — PLUMBING VENT
- SLOPE, POINTING DOWNHILL, WITH PITCH (RISE:12)

ROOF NOTES

1. ROOFING: ARCHITECTURAL ASPHALT SHINGLES, CLASS A, OVER SYNTHETIC UNDERLAYMENT ON 7/16" OSB SHEATHING. INSTALL PER THE MANUFACTURER.
2. MAIN ROOF 6:12 HIP. PORCH ROOF 8:12 GABLE.
3. ICE AND WATER SHIELD: 36" WIDE AT ALL EAVES AND IN ALL VALLEYS.
4. VALLEYS: OPEN, WITH 24" PREFINISHED METAL VALLEY FLASHING OVER THE ICE AND WATER SHIELD.
5. DRIP EDGE AND STARTER STRIP AT ALL EAVES AND RAKES.
6. HIP AND RIDGE CAP SHINGLES AT ALL HIPS AND RIDGES. CONTINUOUS RIDGE VENT AT THE MAIN RIDGE.
7. GUTTERS: 5" K-STYLE ALUMINUM AT ALL EAVES, HANGERS AT 24" O.C. 2x3 DOWNSPOUTS WHERE SHOWN (DS), WITH SPLASH BLOCKS.
8. OVERHANGS: 1'-6" AT EAVES AND 1'-0" AT THE PORCH RAKES, FROM THE FACE OF THE WALL FRAMING.
9. FLASH EACH PLUMBING VENT (PV) WITH A PIPE BOOT. VERIFY THE LOCATIONS WITH THE PLUMBER.

EASY TAKEOFFS

SAMPLE PLAN SET

FOR TAKEOFF PRACTICE ONLY.
NOT FOR CONSTRUCTION.

PROJECT

SAMPLE HOUSE

SINGLE-FAMILY RESIDENCE

PROJECT NO. ET-2026-02

REVISIONS

DATE	10/30/2026
SCALE	1/4" = 1'-0"
DRAWN BY	ET
SHEET SIZE	ARCH D, 24" x 36"

SHEET TITLE

ROOF PLAN

SHEET

A2.1

(c) 2026 Easy Takeoffs. Free to use for practice.

Takeoff Summary

Generated Oct 30, 2026

Group Totals

Group	Totals
Roof	3181.06 sf
Roof / Ridges	54'-10"
Roof / Hips	111'-9"
Roof / Valleys	30'-8"
Roof / Eaves	218'
Roof / Rakes	20'-5"
Gutters	218'
Pipe boots	3 ea

Materials

Roof

Asphalt Roofing (Full System)

Material	Quantity	Waste	Unit
Shingle Bundles	106	10%	bundles
Hip & Ridge Cap	8	10%	bundles
Underlayment	5	10%	rolls
Ice & Water Shield	5	5%	rolls
Valley Metal	4	5%	EA
Drip Edge	26	5%	EA
Starter Strip	251	5%	LF
Roofing Nails	74	5%	lb

Gutters

Gutters & Downspouts

Material	Quantity	Waste	Unit
Gutter	229	5%	LF
Downspouts	6	0%	EA
Downspout Elbows	18	0%	EA
Gutter Hangers	115	5%	EA
End Caps	2	0%	EA
Gutter Sealant	5	0%	tubes