PASCHKE RESIDENCE

Renovation & Addition — Preliminary Floor Plans

2527 W 159th St · Westfield, Indiana (Hamilton County)

PRELIMINARY DESIGN FOR REVIEW — NOT FOR CONSTRUCTION

BUILDER	Patrick Heitz, Craft Construction Management
DRAWINGS	Darin Larimore, Daring Designs
MODEL	paschke.ifc (IFC4, NativeIFC/FreeCAD) — every sheet is drawn from it
ISSUED	Nov 10, 2026

SHEET INDEX

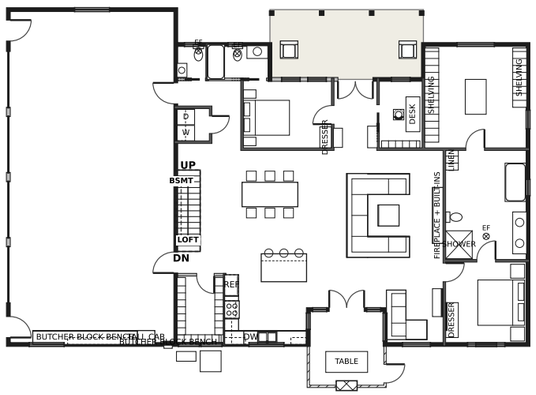
SHEET	TITLE
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AREA SUMMARY

AREA (from model spaces)	EXISTING	PROPOSED
Conditioned floor area	1465 SF	2127 SF
Garage	481 SF	1032 SF
Loft over the garage (conditioned)	—	888 SF
Basement, finished	—	1148 SF
Basement, future expansion	—	274 SF
Screened porch	—	121 SF
Covered porch / decks	721 SF	220 SF

Areas are measured to wall centrelines from the model's room spaces.



KEY PLAN — PROPOSED (not to scale)

GENERAL NOTES

1. Preliminary design drawings for review by the owner and builder. Not for construction, permit or pricing without further development.
2. Existing conditions are from "Current Paschke House - Revision 12" (Oct 21, 2026). That plan is schematic, not to scale, so sizes come from its labelled dimensions. Field-verify all existing conditions; existing doors and windows have not been surveyed.
3. The proposed layout follows the owner's room outlines drawn over the existing plan, with room names and door and window locations from "Project KL - Revision 5" (Oct 21, 2026). KL is not to scale; its openings are placed in proportion along the matching walls.
4. Demolition on A-101 is derived from the layout: an existing wall stays where a new wall runs on the same line, everything else is removed. Confirm with the builder and verify bearing walls before any removal.
5. Codes: Indiana Residential Code (adopted edition to be verified). Jurisdiction: City of Westfield / Hamilton County, to be confirmed. No code review has been done yet.
6. Structure, mechanical and plumbing are not yet designed; lighting / switching (E-101, E-102) is a preliminary layout and circuits are by the electrician; the basement (A-102) is a schematic layout. The roof (A-105) and elevations (A-201, A-202) are a preliminary design after the builder's Project C elevation.
7. Dimensions are to wall centrelines unless noted. Plans are 1/8" = 1'-0" when printed on 11x17; use the graphic scale at any other size. Plan north is assumed (Revision 12 has no north arrow).

PASCHKE RESIDENCE
2527 W 159th St · Westfield, Indiana
Renovation & addition — PRELIMINARY, NOT FOR CONSTRUCTION
COVER SHEET, NOTES & AREAS

Scale: Key plan not to scale
From paschke.ifc · Nov 10, 2026
Drawn by: D. Larimore (Daring Designs)

G-001

SITE DESIGN CRITERIA

DESIGN CRITERIA - Table R301.2(1), Hamilton Co.	VALUE
Basic wind speed	115 mph
Seismic design category	A
Ground snow load	20 psf
Frost line depth (footings)	30 in.
Winter design temperature	2 deg F
Weathering / decay / termite	Severe / slight-mod. / mod.-heavy
Ice barrier underlayment	Not required
Air freezing index / mean annual temp.	<= 1,500 / 51.5 deg F
Climate zone (Table N1101.7)	5A

ENERGY (CHAPTER 11)

COMPONENT - Table N1102.1.2, zone 5	MINIMUM
Fenestration U-factor (max.)	0.35
Skylight U-factor (max.)	0.60
Ceiling	R-38
Wood-frame wall	R-20, or R-13 + R-5 ci
Floor over unconditioned	R-30 (or fill cavity, R-19 min.)
Basement wall	R-10 ci or R-13 cavity
Slab edge	R-10, 2 ft (heated: + R-5 under)
Air leakage (N1102.4.1.2)	Visual inspection, or <= 5 ACH50
Whole-house ventilation (R303.4)	Required if tested <= 5 ACH50 (M1505.4)

NOTES

1. Read from the 2020 Indiana Residential Code (ICC Digital Codes, effective Dec 26, 2019): chapters 3-11, 15 and 27. Indiana amends the IRC - e.g. no garage door closer (R302.5.1) and no window fall protection section (R312.2). Electrical: NEC as adopted by Indiana.
2. Confirm the AHJ (City of Westfield vs Hamilton County) and any local amendments before permit.
3. NOTE = a requirement the construction documents and trades must carry; FAIL = the plan does not meet it yet.
4. Structural items (trusses R802.10, headers R602.7, footings R403.1, the ICC 500 room) need the truss designer / engineer.

CODE CHECK (preliminary)

ITEM	SECTION	REQUIREMENT	THIS DESIGN	STATUS
Emergency escape	R310.1, R310.2	Every sleeping room and the basement: >= 5.7 sf net (5.0 grade / below grade), 24" h, 20" w, sill <= 44"	Casements: master, guest, loft bedrooms 3 + 4; three basement wells, sills 3'-6" (A-602)	PASS
Window wells	R310.2.3	>= 9 sf, 36" projection and width; ladder where deeper than 44"; drained	Wells 4'-0" deep: ladder + drain to the foundation drain (A-102)	NOTE
Garage separation	Table R302.6	1/2" gyp. garage side; 5/8" Type X under habitable rooms above; 1/2" on the supporting structure	Loft over the garage: 5/8" Type X garage ceiling; 1/2" on the house walls and the beams / posts	NOTE
Garage doors	R302.5.1	No opening to a sleeping room; 1-3/8" solid wood / steel or 20-min (Indiana: no closer)	D6, D14 3'-0" solid-core; no bedroom opens to the garage	PASS
Ceiling height	R305.1	7'-0" habitable, 6'-8" baths; sloped: >= 50% at 7', none under 5' counted	9'-0" main floor, 8'-0" basement, loft 7'-0" between 5'-4" kneewalls	PASS
Stairs	R311.7	36" wide, 6'-8" headroom, risers <= 8-1/4", treads >= 9"	3'-6" wide, 7-1/4" risers, 10" treads; about 8' headroom over the stacked basement flight	PASS
Handrails / guards	R311.7.8, R312.1	Rail 34-38" one side, continuous; guards 36" (34" on stairs) over 30" drops, 4" sphere	Oak rail at 36" (TR-6); 36" guard round the loft well and the open stair side	NOTE
Safety glazing	R308.4.5, R308.4.1	Glazing within 60" of a tub / shower with a sill under 60"; glazing in doors	Master + guest bath windows tempered; French and front doors tempered	NOTE
Smoke / CO alarms	R314.3, R315	Each sleeping room, living area, each level, basement stair; CO outside sleeping areas; interconnected	E-101 / E-102: SM in bedrooms, SC outside them, hard-wired + battery	PASS
Bath exhaust	R303.3, M1505.4.4, M1501.1	50 cfm intermittent (20 continuous), to the outdoors	80-110 cfm humidity-sensing fans ducted out	PASS
Kitchen exhaust	M1505.4.4, M1503.6	100 cfm; makeup air over 400 cfm with a natural-draft appliance inside	Hood <= 400 cfm, or makeup air; furnace / water heater / fireplace sealed-combustion	NOTE
WC / lav clearances	P2705.1 item 5	15" centre to side wall / vanity, 21" clear in front to any wall, fixture or door	Powder room re-arranged (WC 31" clear, 15" to the wall), pocket doors at the powder room and guest bath; master bath, loft jack and jill pass	PASS
Showers	P2708.1, P2708.4	900 sq in, 30" min., 22" opening, doors swing out; valve limit 120 deg F	Master 3'-10" x 4'-0"; glass door swings out; loft jack and jill: tub / shower	PASS
Attics	R806.2, R807.1	Vent 1/150 (1/300 with conditions); access 22" x 30" where 30" high over 30 sf	Soffit + ridge vents; loft kneewall access 2'-6" x 4'-6"; scuttles to the other attics	NOTE
Foundations	R403.1.4.1, R405.1, R406.1	Footings below the 30" frost line; drains and dampproofing at the basement	Basement: footing drain + dampproofing; crawl / slab footings at 30" min.	NOTE
Storm shelter	R323.1	Safe rooms built to ICC/NSSA 500	Wine / storm room: ICC 500 walls, ceiling, door (verify engineer)	NOTE
Exterior landings	R311.3	Landing each side of each exterior door, 36" deep	Porch, entry court, motor court, screened porch	PASS
Roofing	R905.2.2, Table R905.2.4.1	Shingles 2:12 min. (double underlayment to 4:12); wind class D/G/H to 116 mph	10:12 main roofs; 3:12 shed with double underlayment; Class H shingles (A-301)	PASS
Wall covering	R703.2, R703.4, R703.10.1, R702.7	WRB, pan-flashed openings, fibre-cement joints on framing, Class I/II VR inside	Spec'd on A-301 (kraft batts or smart membrane)	NOTE
Slabs	R506.1, R506.2.2-3	3-1/2" min., 4" base below grade, 6 mil VR (garage exempt)	4" slabs on 4" stone + 6 mil VR (A-301)	PASS
Fireplaces	R1001.10, R1003.9, R1004, R1006.1	Hearth 16"/8" (20"/12" over 6 sf); chimney 2' over roofs within 10'; listed units; outside air	Outdoor chimney 17'-0" vs 16'-7" req'd (pass); indoor unit: owner's pick - listed direct-vent gas recommended	NOTE

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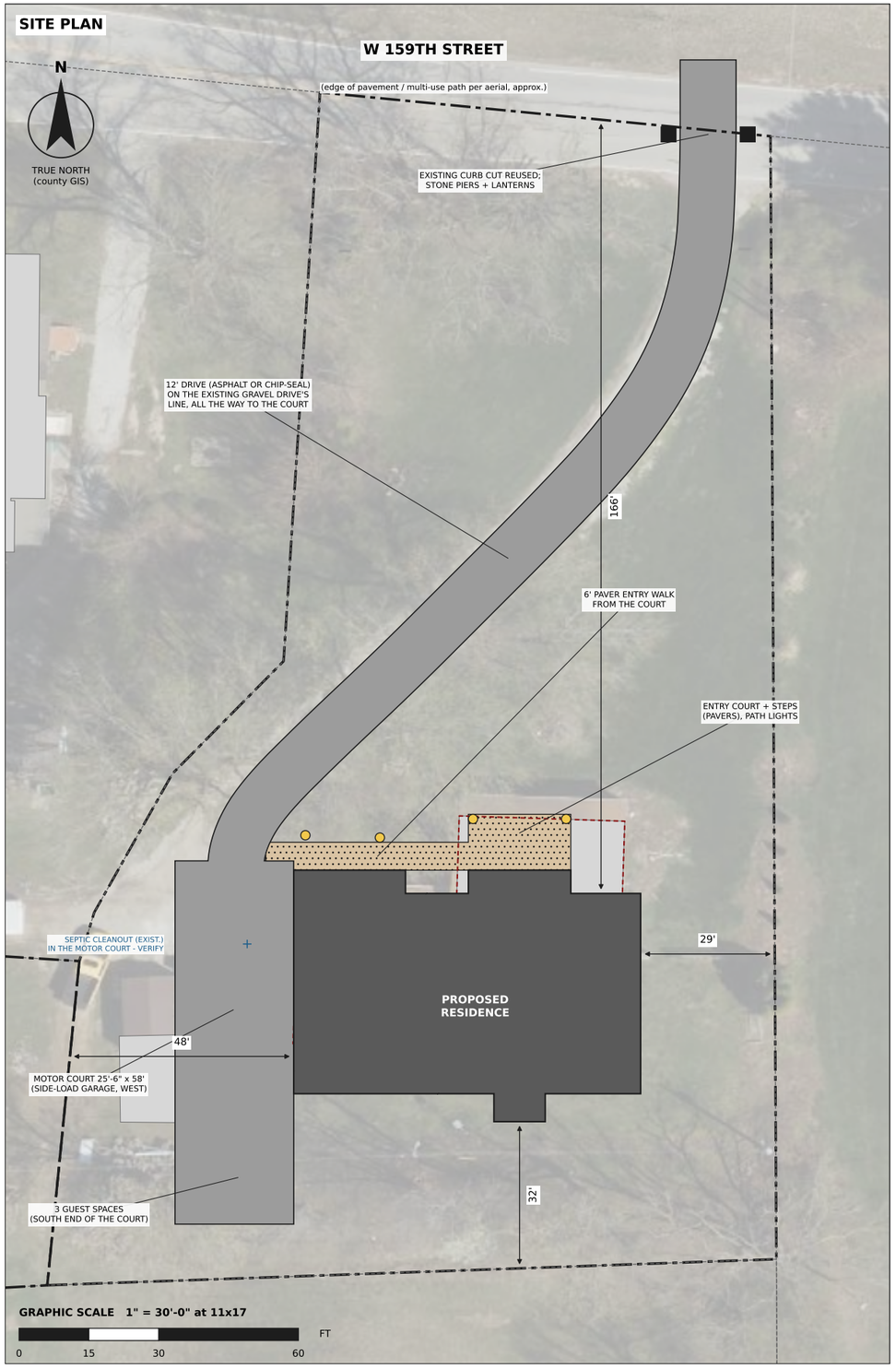
CODE SUMMARY - 2020 INDIANA RESIDENTIAL CODE

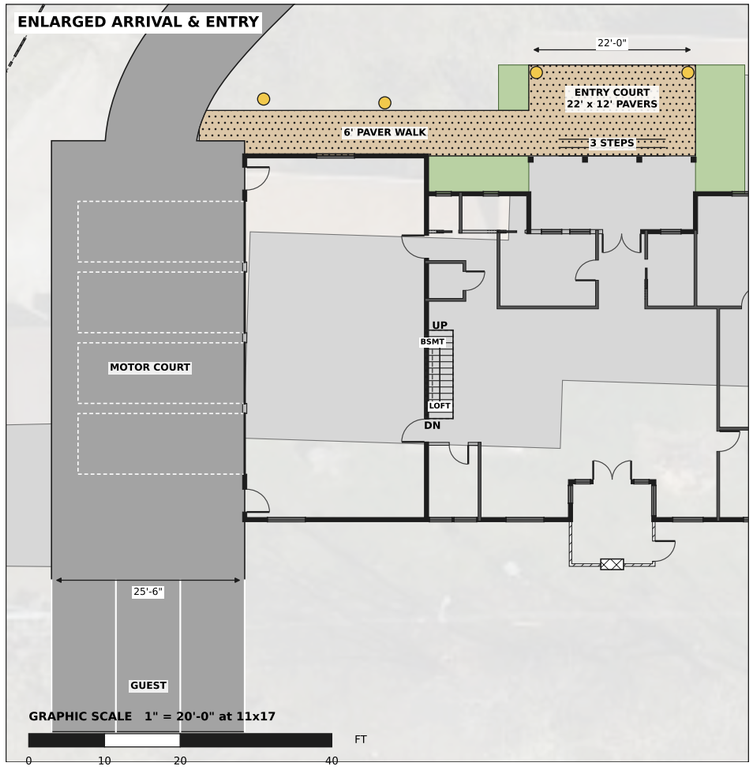
Scale: None

From paschke.ifc · Nov 10, 2026

Drawn by: D. Larimore (Daring Designs)

G-002





SITE DATA	
Parcel	08-09-08-00-00-023.000 (0.70 ac deeded) + 08-09-08-00-00-039.000 (0.11 ac)
Lot area (GIS)	30562 sf (0.70 ac)
House footprint	3499 sf incl. porches
Drive, court, parking	4500 sf
Pavers (walk, court)	512 sf
Impervious total	8511 sf = 28% of the lot
Zoning / setbacks	TBD — confirm with Westfield Planning (or Hamilton County)

SITE NOTES

1. Lot, footprints and aerial from Hamilton County GIS (2026), NOT a survey: a boundary / topo survey is needed (setbacks, easements, right-of-way, utilities, grades).
2. ORIENTATION: W 159th St is NORTH and the front (cover porch, entry) faces it (Nov 9). Since Nov 10 the plan is mirrored east-west: the garage is on the WEST, its four side-load doors facing the wider (47') west yard.
3. Drive REUSES THE EXISTING GRAVEL DRIVE on its own line, from the NE curb cut across the front yard to the gravel pad west of the old house (confirm the permit and sight lines): 12' wide, into a 25'-6" motor court at the garage doors, three guest spaces at its south end; asphalt or chip-seal, pavers at the entry. An existing shed stands just west of the court - keep it clear or remove it.
4. Grand entrance: stone piers + lanterns at the road, a curved drive keeping the trees, an entry court with three steps to the porch, low (1'-0") path lights along the walk, planting beds along the front.
5. SEPTIC - OPEN ISSUE: the existing cleanout (about 10' west of the old bedroom #2) is now INSIDE the motor court, about 10' in front of the overhead doors. Locate the tank and field before anything else: no paving or traffic over them without the Health Department's approval (traffic-rated tank and lids), or relocate the tank / move the court. The building sewer from the baths (east) now has to pass the garage to reach it (P-101).

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SITE PLAN - ENTRANCE & DRIVEWAY

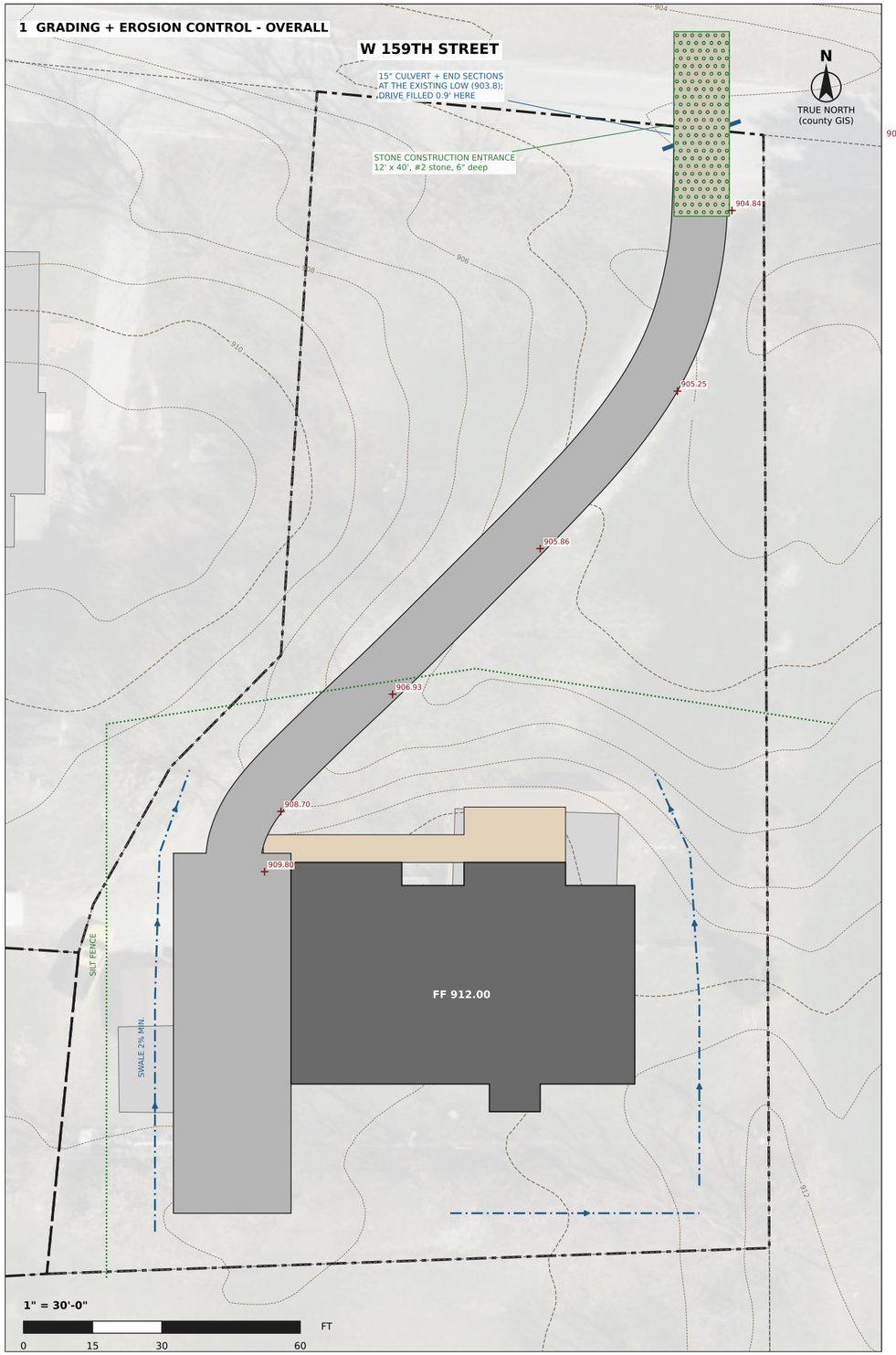
Scale: 1" = 30'-0" / 1" = 20'-0" (11x17)

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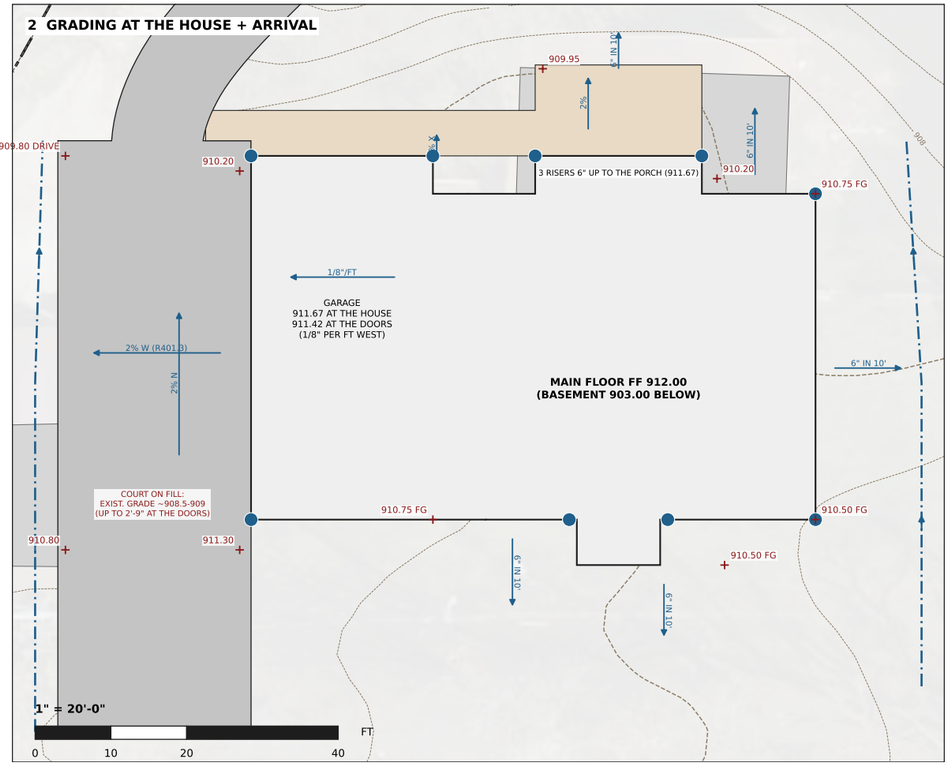
Drawn by: D. Larimore (Daring Designs)

C-101

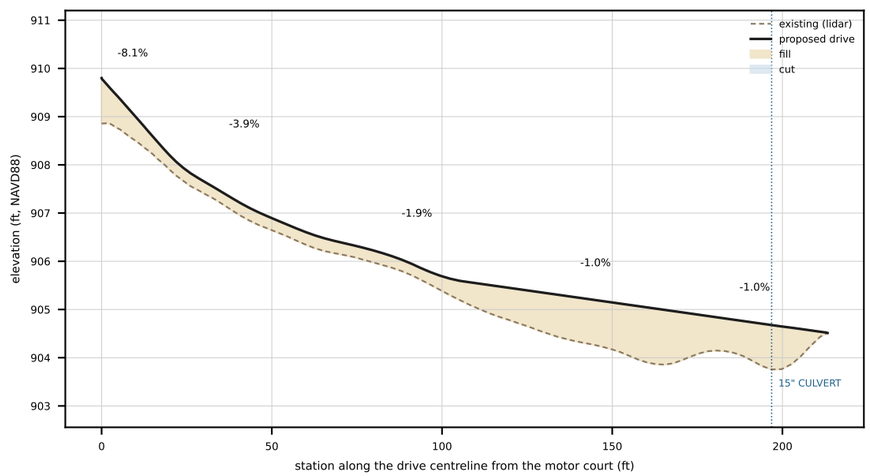
1 GRADING + EROSION CONTROL - OVERALL



2 GRADING AT THE HOUSE + ARRIVAL



3 DRIVE PROFILE (court to W 159th St) - steepest 8.1%



GRADING & DRAINAGE NOTES

1. Existing contours: USGS 3DEP 1 m lidar (NAVD88, ft), 1' interval, smoothed - NOT a survey. A topographic + boundary survey sets the final grades before construction.
2. Main floor 912.00 is ASSUMED: set it to the existing house's floor (they connect). Every proposed grade on this sheet moves with it.
3. Finished grade falls 6" min. in the first 10' away from the foundation (R401.3); 8" min. from grade to wood framing / siding (R317.1). Swales 2% min., carry water around the house to the north.
4. Motor court (west, since the Nov 10 mirror): 1/8"-1/4" per ft (1-2%) away from the garage doors and north to the drive; garage slab 1/8" per ft to the doors (3" over 24'). The west yard is LOW (about 908.5-909 by lidar): with the garage floor 4" under the house the court sits on up to 2'-9" of fill - or drop the garage slab and add steps at the house doors. Decide with the survey.
5. Drive: one steady fall from the court to W 159th St (no sag), 12' wide, crowned or cross-sloped 2%; 15" culvert with end sections where it crosses the existing low swale - size and confirm with Westfield / Hamilton County.
6. Roof drainage: gutters + downspouts (blue dots on plan 2) into 4" solid pipe to pop-up emitters 10' min. from the foundation, on the downhill (north / west) side.
7. Basement floor 903.00 is below the lowest daylight point on the lot: footing drains (R405.1) to a sump pit with a pump, discharged to an emitter or the swale; dampproofing per R406.1.
8. Erosion control: silt fence on the downhill side of all disturbed ground, stone construction entrance at the curb cut, inlet protection, topsoil stockpile with perimeter fence; seed + straw (or sod) within 7 days of final grade. Disturbance is under 1 acre - confirm Westfield / Hamilton County erosion control requirements.
9. SEPTIC: the existing cleanout is inside the new motor court (C-101) - locate the tank, field and lines BEFORE grading; no traffic or fill over them without the Health Department's approval.

SITE DRAINAGE SCHEDULE

TAG	ITEM	SIZE / SLOPE	TO
DS	Downspouts (9)	3"x4", 4" solid pipe 1% min.	Pop-up emitters 10' out, downhill
SW1	West swale	2% min., 6" deep, sodded	North, round the court to the drive ditch
SW2	East swale	2% min., 6" deep	North, past the master wing
SW3	Rear swale	2% min.	East to SW2
CV	Drive culvert	15" HDPE + end sections	Existing low swale (verify flow)
FD	Footing drains	4" perforated in stone	Sump pit (R405.1)
SP	Sump pump	1/3 hp, 1-1/2" discharge	Emitter / swale, 10' min. out
GS	Garage + court	1/8"/ft slab, 2% court	Doors, then the drive (R309.1)

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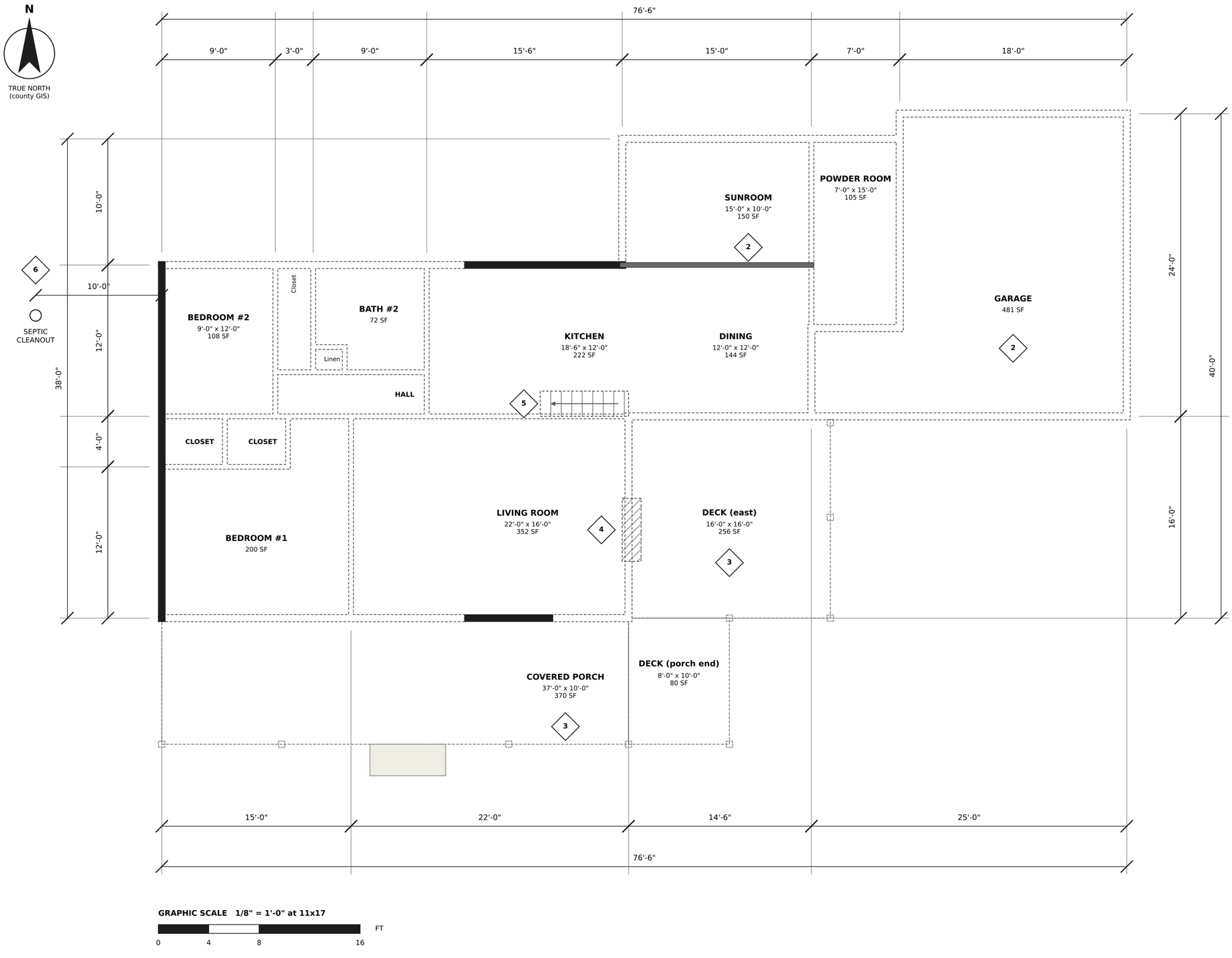
GRADING, DRAINAGE & EROSION CONTROL

Scale: 1" = 30'-0" / 1" = 20'-0" (11x17)

From paschke.ifc · Nov 10, 2026

Drawn by: D. Larimore (Daring Designs)

C-102



GRAPHIC SCALE 1/8" = 1'-0" at 11x17

0 4 8 16 FT

LEGEND

- Existing exterior wall to remain
- Existing interior wall to remain
- Existing wall / element to be removed
- Existing slab / deck to remain

DEMOLITION NOTES (PRELIMINARY)

1. Remove the walls shown dashed. Walls stay only where the new plan reuses the same line (A-103). Verify bearing walls first; temporary shoring and new beams/headers by the builder.
2. Sunroom, powder room and garage are removed for the new layout (as drawn — confirm the garage scope; the new garage strip on A-103 is only as wide as the owner's outline).
3. Covered porch, front steps and both decks are removed; new rooms and a new cover porch per A-103.
4. The existing roof is removed in full: the new roof (A-105) spans the whole existing body and the new rooms. Keep the existing ceiling joists only where the builder confirms they clear the new framing.
5. Existing fireplace (and chimney) falls inside the new great room: remove or keep — confirm.
6. Existing basement stair removed and its floor opening framed in; a new stair goes against the garage wall, west of the guest room (A-103). Verify the basement layout and headroom under the new stair.
7. Septic cleanout to remain — protect during construction.

NOTES

1. Existing conditions from "Current Paschke House - Revision 12" (schematic, not to scale); sizes from its labelled dimensions. Field-verify everything.
2. Existing doors and windows are not shown (not yet surveyed).
3. Dimensions are to wall centrelines.

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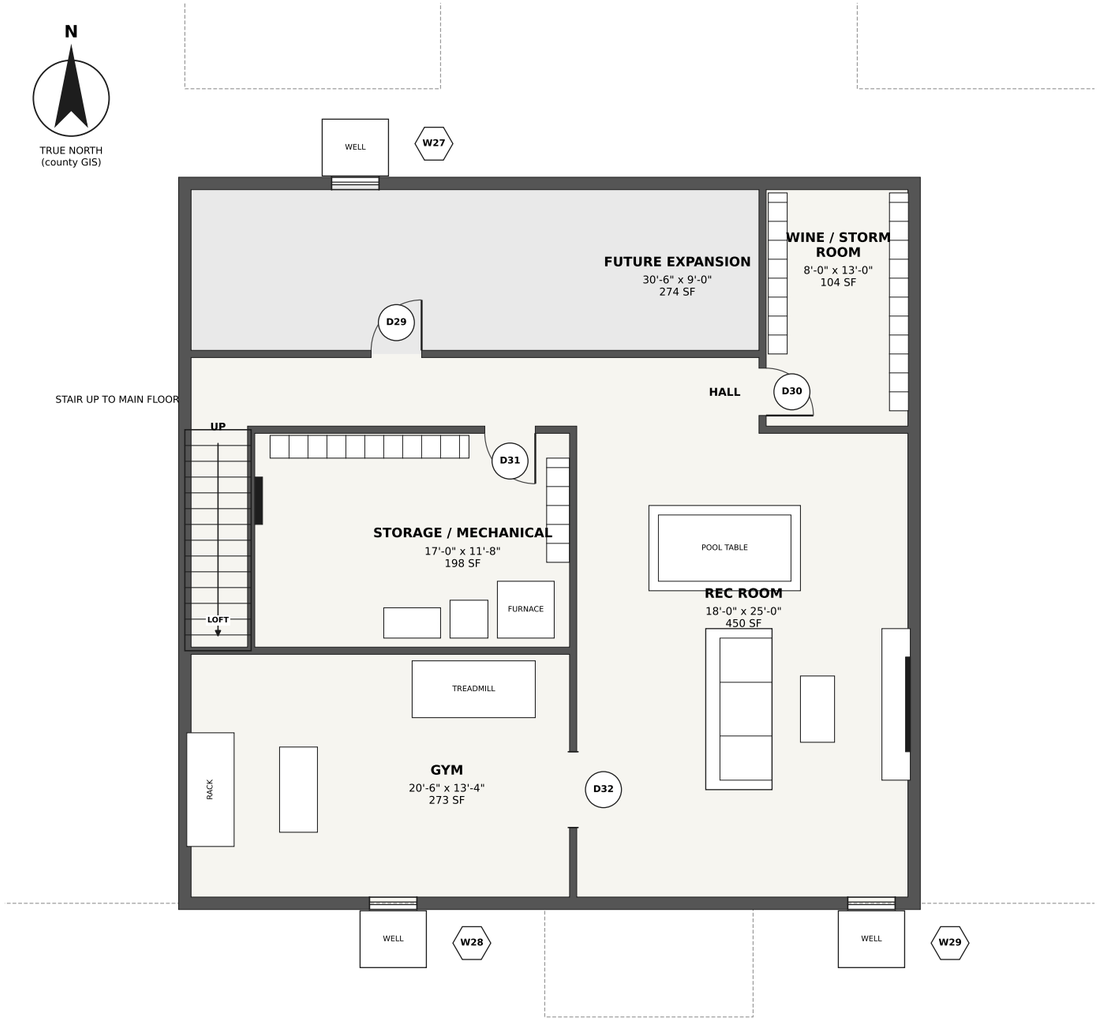
EXISTING / DEMOLITION PLAN

Scale: 1/8" = 1'-0" (11x17)

From paschke.ifc · Nov 10, 2026

Drawn by: D. Larimore (Daring Designs)

A-101



GRAPHIC SCALE 1/8" = 1'-0" at 11x17

0 4 8 16 FT

LEGEND

- Foundation wall, 8" poured concrete
- Basement partition (2x4)
- Unfinished (future expansion)
- Main floor outline above

BASEMENT NOTES

1. Half basement under the great-room block after the builder's Project C half basement plan (Nov 6): rec room, gym, storage / mechanical, wine / storm safe room, hall, future expansion (unfinished). The master wing, south rooms beyond it and the garage are crawl space / slab on grade.
2. The existing house has a basement stair in the kitchen (A-101): survey the existing basement — its walls, depth and extent — before fixing this outline. Shown as new 8" poured concrete walls on spread footings, 4" slab, 9'-0" floor to floor (PRELIM; footing sizes and reinforcing by the engineer).
3. Stair: the stacked stair from the great room arrives at the west wall, 3'-6" wide, 13 treads at 10" (riser count follows the actual floor-to-floor). 6'-8" headroom under the loft flight above it.
4. Egress: habitable rooms and sleeping rooms need an emergency escape opening — window wells with ladders at the rec room, gym and future expansion (IRC R310 — verify the Indiana edition).
5. Storm safe room: reinforced concrete walls and lid, rated door, per ICC 500 / FEMA P-361 — by the engineer. Doubles as the wine room.
6. Mechanical: furnace / air handler, water heater and the electrical panel in storage / mechanical; sump and perimeter drain tile; radon rough-in; damp-proofing and rigid insulation per the energy code.
7. PRELIMINARY — room layout for owner / builder review; not for construction.

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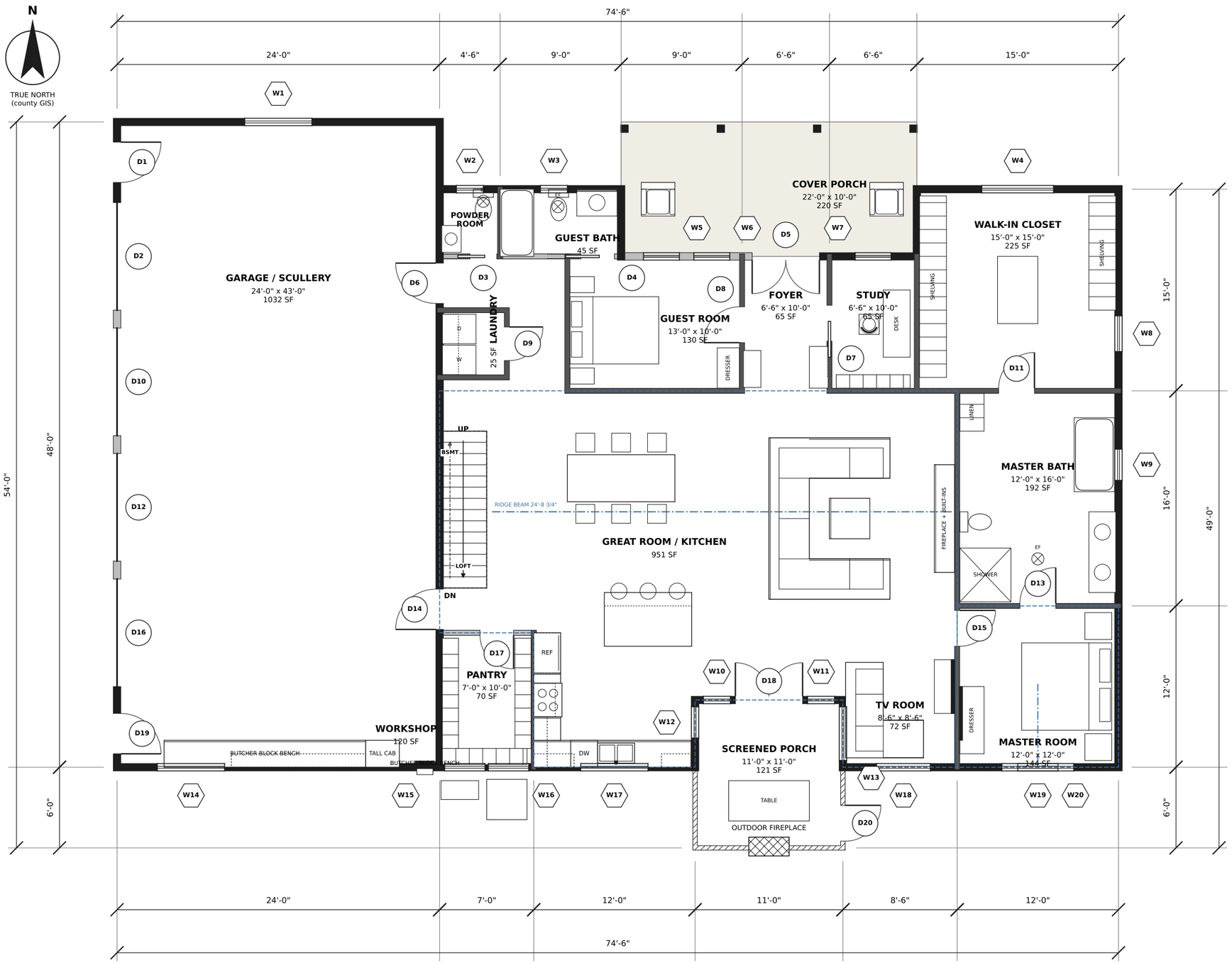
PROPOSED BASEMENT PLAN

Scale: 1/8" = 1'-0" (11x17)

From paschke.ifc · Nov 10, 2026

Drawn by: D. Larimore (Daring Designs)

A-102



GRAPHIC SCALE 1/8" = 1'-0" at 11x17

0 4 8 16 FT

LEGEND

- New exterior wall (2x6)
- New interior wall (2x4)
- Existing wall to remain (see A-101)
- Cathedral ceiling + ridge beam (A-301)
- Screen wall over a 3'-0" half wall (screened porch)
- Door mark / window mark (see A-601 / A-602)

PLAN NOTES

1. Room layout from the owner's outlines over the existing house; names, doors and windows from Project KL Rev 5 (not to scale), placed in proportion along each wall.
2. Dimensions are to wall centrelines. Room sizes and areas are measured from the model's spaces.
3. Screened porch: 11'-0" x 11'-0", 6' beyond the house wall; screen panels over a 3'-0" sided half wall (trim cap, 6x6 posts at 4' max.) and an outdoor fireplace on the projecting part, French doors and windows into the house; VAULTED to the gable: white oak T&G on the rafters, rough-sawn ridge beam and three king-post trusses.
4. TV Room and Foyer are open to the great room, as in KL.
5. One open stair shaft against the garage wall, between the laundry (north) and the pantry (south) (KL's "open stairs up/down"): the loft flight rises south (3'-6" wide, 15 risers at 7 1/4", 14 treads at 10", A-104); the basement flight runs directly beneath it (dashed), entered at the south end and descending north, straight, 13 treads (9' rise assumed). Guard on the open east side. The doors to the garage open off the nooks north and south of the stair. Verify the basement layout, headroom and riser counts.
6. Bedrooms need an emergency escape opening and garage doors need fire separation — verify sizes and ratings with the Indiana Residential Code / AHJ.
7. Garage: 24'-0" deep with four 8'-0" x 7'-0" overhead doors on the west wall (side-load, as Project C) onto the motor court at the end of the existing drive (plan mirrored east-west Nov 10) — confirm the depth.
8. Garage ceiling 8'-0" under the loft's attic trusses — low-headroom overhead-door tracks.
9. Front bump-outs (5'-0"): the walk-in closet is 15'-0" x 15'-0" and the guest bath and powder room bump out under their own 10:12 gables; the 10'-0" cover porch and the garage run out further, 10'-0" past the house (Nov 9). Since Nov 9 the front faces NORTH, to W 159th St (plan mirrored). A 24'-0" x 5'-0" workshop takes the garage's south (back) end, open to the garage, with an exterior door on the west wall, a butcher block bench on base cabinets under the window, uppers and a tall cabinet; the garage keeps 43'-0" for four cars.
10. Furniture, built-ins and fixtures are shown for layout (owner's selections). Baths: toilets, a mirror over each vanity, ENERGY STAR exhaust fans on humidity sensors ducted outside — 110 CFM master bath, 80 CFM powder room (IRC M1505 / R303 — verify). MEP and structure are not designed.

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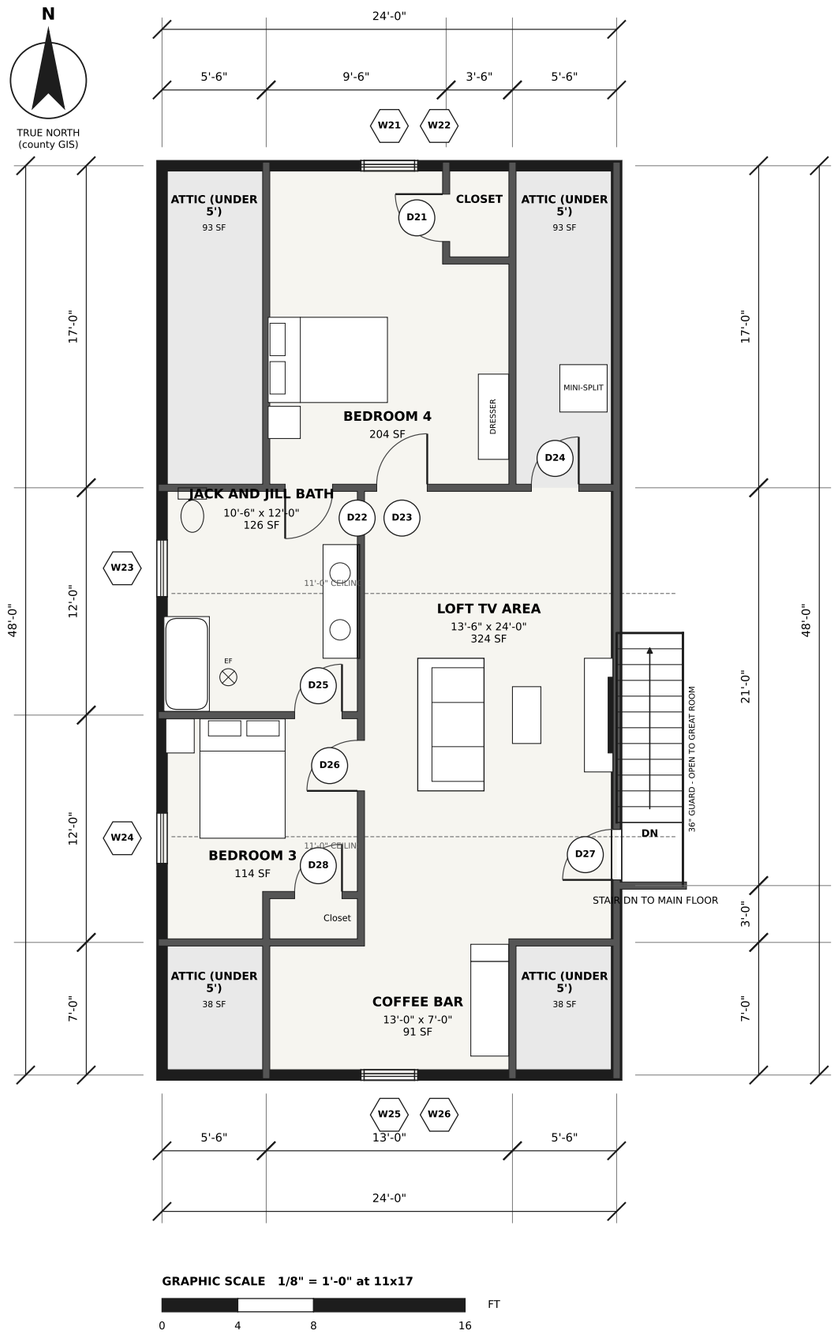
PROPOSED FLOOR PLAN

Scale: 1/8" = 1'-0" (11x17)

From paschke.ifc · Nov 10, 2026

Drawn by: D. Larimore (Daring Designs)

A-103



GRAPHIC SCALE 1/8" = 1'-0" at 11x17

0 4 8 16 FT

LEGEND

- Loft partition / kneewall (2x4), floor to roof
- Exterior wall (2x6): the garage walls rising through the loft
- Attic beyond the kneewalls (under 5'-0")
- Collar-tie ceiling line (vaulted below it)

LOFT NOTES

1. Loft over the garage after the builder's Project C loft plan (Nov 6): bedrooms 3 and 4, loft TV area with a coffee bar; since Nov 9 a jack and jill bath shared by bedrooms 3 and 4 (no vanity room, no bath 3 - the TV area runs open to bedroom 4); reached by the stair in the great room. Floor 9'-1" above the main finished floor.
2. Framing: floor framing on the 9'-0" plate, 12" deep, rafters with collar ties above (Nov 9: vaulted loft, in place of attic trusses). Garage ceiling 8'-0" — low-headroom overhead-door tracks. Floor and rafters PRELIM — engineer / truss supplier; the 38' span is not designed here.
3. Ceiling VAULTED with the main 10:12 roof: 6'-4 1/4" kneewalls 24'-0" apart, rising to a flat 11'-0" collar-tie ceiling between the dashed lines (roof ridge 16'-9" above the loft floor); the jack and jill bath is flat at 8'-0". The garage cross gable is 12:12 (ridge 21'-0"), so the coffee bar and bedroom 4 under it gain headroom. Habitable rooms need 7'-0" over at least half the floor (R305.1 exception 1).
4. The garage's front and back cross gables are the loft's dormers: the coffee bar runs out to the south gable window; bedroom 4 sits in the north gable with its egress casement in the gable end, bedroom 3 has its egress casement in the west gable (A-602).
5. Stair: the open stair against the garage wall in the great room (the basement flight stacked beneath it, as KL), rising south: 3'-6" wide, 15 risers at 7 1/4", 14 treads at 10"; well 10'-0" long for 6'-8" headroom; 36" guards at the well and the top landing (IRC R311.7, R312 — verify). The 3'-4" top landing opens straight west into the loft TV area.
6. Garage separation: 5/8" Type X gypsum on the garage ceiling and its supporting walls (IRC R302.6 — verify).
7. HVAC: ductless mini split (builder's note), heads in the TV area and bedrooms; outdoor unit location TBD. Smoke / CO alarms in each bedroom and the TV area, interconnected. Jack and jill bath: 6' double vanity, 5' tub / shower, toilet; a privacy-locked door from each bedroom. 110 CFM ENERGY STAR exhaust fan on a humidity sensor, ducted outside (IRC M1505 — verify).
8. PRELIMINARY — room sizes follow the roof; confirm the program with the owner and builder.

PASCHKE RESIDENCE

2527 W 159th St · Westfield, Indiana

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PROPOSED LOFT PLAN

Scale: 1/8" = 1'-0" (11x17)

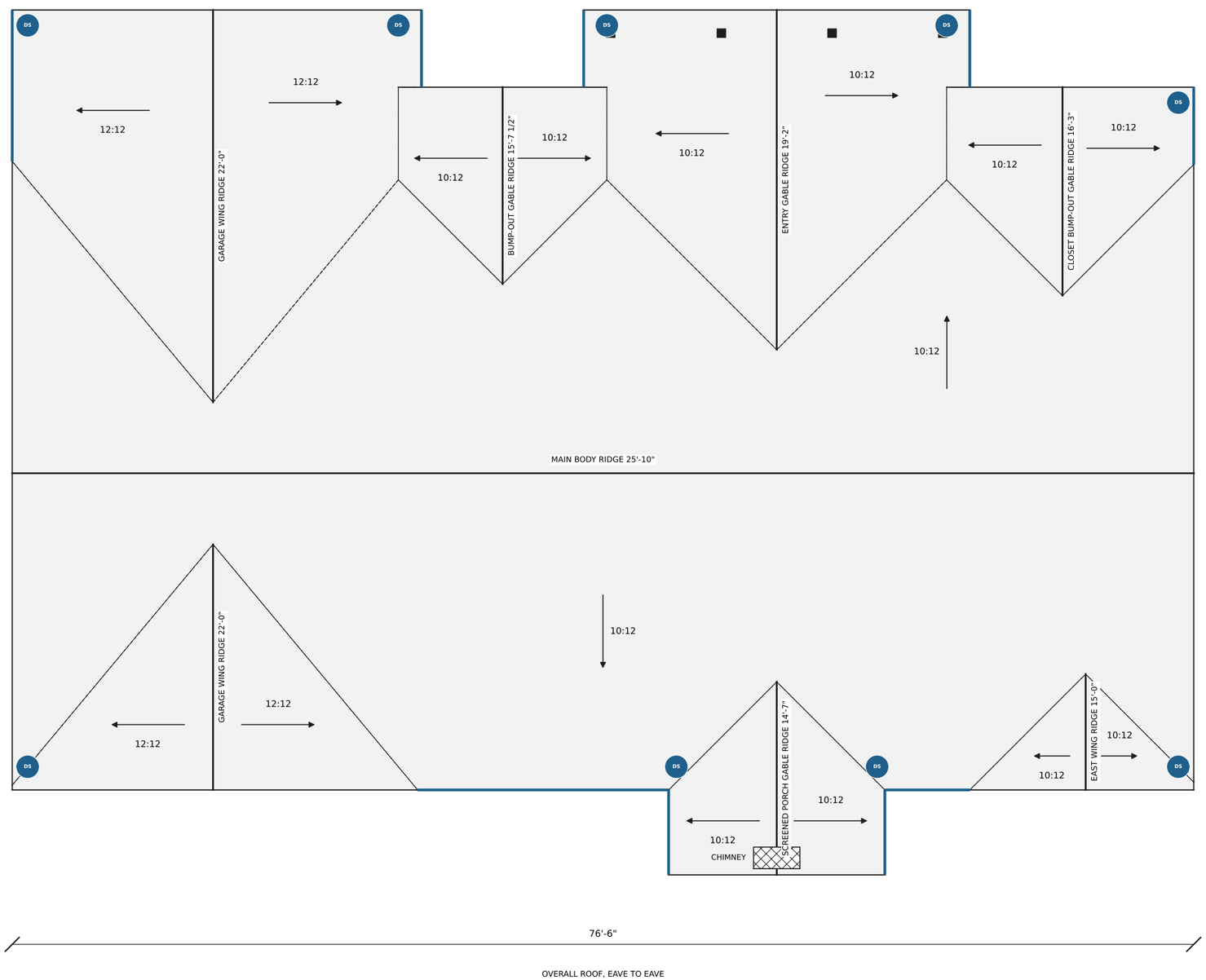
From paschke.ifc · Nov 10, 2026

Drawn by: D. Larimore (Daring Designs)

A-104

N

TRUE NORTH
(county GIS)



GRAPHIC SCALE 1/8" = 1'-0" at 11x17

0 4 8 16 FT

LEGEND

- Ridge
- Valley / roof-to-wall junction
- Eave / rake (fascia)
- Slope, with pitch
- Gutter (6" K-style)
- Downspout 3" x 4" (C-102)

ROOF NOTES

1. Roof design after the builder's Project C elevation (Nov 6): one east-west main ridge the full length of the house with gable ends on the west and east walls; cross gables front and back at the master wing and the garage, one entry gable over the whole cover porch, and a gable over the screened porch at the rear.
2. Main roof and gables 10:12 (Project C); the garage cross gable 12:12 for loft headroom (A-104). Eaves 1'-6", rakes 1'-0". Top of plate 9'-0" above the new finished floor. Heights are to the top of the roof plane.
3. The main roof spans the full 38' depth of the body (ridge 25'-10" above the floor) and its full 74'-6" length; cross gables surface only where their ridge clears the main slope. Gable-end walls are framed from the plate to the roof. The garage's cross gables are the loft's dormers. The existing roof is removed in full (see A-101).
4. Architectural asphalt shingles (match the builder's selection); a standing-seam accent on the entry gable is an option. Ice & water at eaves and valleys; drip edge; ridge vent.
5. Dashed lines are valleys where a cross gable dies into the main slope. Over-frame (California valley) or frame in; builder to confirm. Ridge beam or attic trusses for the 38' span are not designed.
6. ROOF DRAINAGE: 6" K-style seamless aluminium gutters (black, .032") on every eave, hidden hangers 24" o.c., sloped 1/16" per ft to the outlets; 9 downspouts 3" x 4" (DS) for 3,815 sf of roof in plan (about 424 sf each) into 4" solid pipe to pop-up emitters 10' out (C-102). Size check for the local design rainfall by the gutter installer.
7. PRELIMINARY: pitch, overhangs and ridge heights are design assumptions for review. The entry gable is centred on the porch, 1'-3" west of the front doors. Bearing walls, headers and the ridge beam / attic trusses are not designed.

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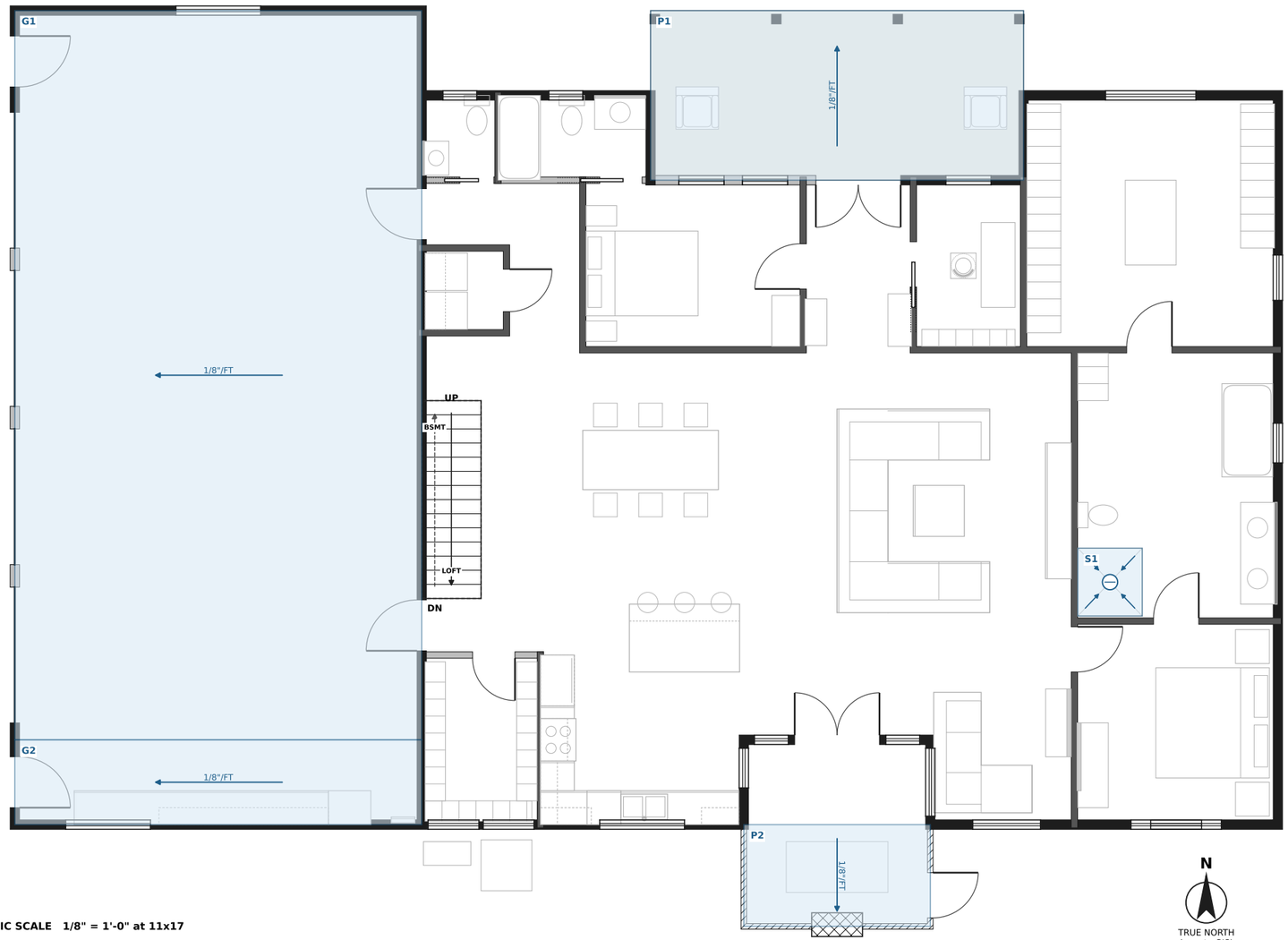
ROOF PLAN

Scale: 1/8" = 1'-0" (11x17)

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Drawn by: D. Larimore (Daring Designs)

A-105



GRAPHIC SCALE 1/8" = 1'-0" at 11x17

0 4 8 16 FT

NOTES

1. Blue zones slope as scheduled; the arrow points downhill. Every other floor is level (1/4" in 10' max.).
2. Shower floors slope UNIFORMLY to the drain - no flat spots, no slope over 1/2" per ft (P2709.1). Liners per P2709.2 / ANSI A118.10 membranes; flood-test before tile.
3. Garage and workshop slabs slope to the doors (R309.1); the court continues away from them (C-102).
4. Exterior grades, walks, court and drive: see C-102 (R401.3).
5. Loft and basement items are in the schedule (B1, S2); the basement floor drain and sump tie to the footing drains (R405.1).

FLOOR SLOPE & DRAIN SCHEDULE

KEY	AREA	SLOPE	TOWARD	NOTES	CODE
S1	Master shower (A-103)	1/4"-1/2" per ft (2-4%), uniform	centre drain (or linear at the back)	Curb 2"-9" above the drain, threshold 1" below the sides; liner up 2" over the curb; 22" door, swings out	P2709.1, P2709.2, P2708.1
T2	Jack and jill tub (loft, A-104)	level	-	Tub set in a mortar bed per the maker on the attic-truss floor (truss designer); tile surround to 6'-0" min.	R307.2, P2708.1
T1	Guest bath tub	level	-	Tub set in a mortar bed per the maker; tile surround to 6'-0" min.	R307.2, P2708.1
G1	Garage slab	1/8" per ft (3" over 24')	to the overhead doors	Noncombustible; no floor drain (or to an approved separator)	R309.1
G2	Workshop	1/8" per ft	to the exterior door	Same slab as the garage	R309.1
P1	Cover porch slab	1/8"-1/4" per ft (1-2%)	away from the house	Landing 2% max.; 4" below the inswing front doors' threshold	R311.3, R311.3.1
P2	Screened porch floor	1/8" per ft	to the screens	Weep slots in the half-wall sill; deck boards gapped	R311.3
B1	Basement slab	level; 1/8" per ft locally	to a floor drain at the mechanical room	Sump pit 18" dia. x 24" with a sealed lid; 6 mil VR under the slab	R405.1, R506.2.2, R506.2.3
X1	Grade at the walls	6" in the first 10'	away	Paving within 10' sloped 2% min. away (C-102)	R401.3
X2	Motor court / walks	1-2%; 2% min. within 10' of the house	away / to the drive	Drive 8% max., 1% min. to the street (C-102)	R401.3

PASCHKE RESIDENCE

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Renovation & addition — PRELIMINARY, NOT FOR CONSTRUCTION

FLOOR SLOPES & DRAINS

Scale: 1/8" = 1'-0" (11x17)

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Drawn by: D. Larimore (Daring Designs)

A-106

NORTH (FRONT) ELEVATION - W 159TH ST

Scale 1/8" = 1'-0" (11x17)



GRAPHIC SCALE 1/8" = 1'-0" at 11x17

0 4 8 16 FT

Cream board-and-batten, battens 16" o.c.; stained cedar board-and-batten + timber truss in the entry gable.

White brick: full height on the closet and guest bath / powder gables, 3'-0" wainscot on the garage.

Black standing-seam awnings on cedar brackets over the front windows; cedar porch posts on stone piers.

Entry gable spans the cover porch on 6x6 posts (ridge 19'-2").

Front doors: pair of 2'-6" x 6'-8" at the foyer (D5).

Garage wing beyond, 24' deep; its doors are on the west wall (A-202).

SOUTH (REAR) ELEVATION

Scale 1/8" = 1'-0" (11x17)



GRAPHIC SCALE 1/8" = 1'-0" at 11x17

0 4 8 16 FT

Screened porch: screen panels over a 3'-0" sided half wall with a trim cap, outdoor fireplace with masonry chimney.

Main roof ridge runs the full width of the body behind the porch gable.

Black standing-seam awnings on cedar brackets over the rear (south) windows (master, TV room, kitchen, pantry, workshop).

ELEVATION NOTES

1. Drawn from the model's roof, walls, doors and windows (hidden lines removed). Exterior style after the builder's Project C elevation, made more rustic after the owners' reference (11/8): cream board-and-batten, black windows with simulated divided lites, stained cedar timbers and entry gable, black standing-seam awnings, stone pier bases.
2. Grade is assumed 1'-6" below the new finished floor and level; survey the actual grade. Foundation shown as a plain band.
3. Window and door sizes per A-601 / A-602. Windows: 7'-0" head; bath / garage / powder windows have high sills.
4. Siding: FIBRE-CEMENT board-and-batten - 5/16" smooth fibre-cement panels (ASTM C1186 Type A, Grade II min.) with 3/4" x 2-1/2" fibre-cement battens 16" o.c., every panel joint on framing and under a batten (R703.10.1); corrosion-resistant 6d nails at 6" panel edges / 12" in the field (Table R703.3(1)) or per the manufacturer; factory primed, two coats 100% acrylic, cream (SW 7012 Creamy or equal); 6" clear of grade and 2" clear of roofs / slabs per the manufacturer. Basis: James Hardie HardiePanel + HardieTrim battens, or equal - verify. Entry gable stained cedar board-and-batten; fibre-cement trim at corners, rakes and openings. Roofing: charcoal architectural shingles; awnings 24 ga black standing seam on rough-sawn cedar knee brackets. Porch posts 6x6 rough-sawn cedar on 16" stone piers, 2'-0" high.
5. White brick (Project C): painted / limewashed modular brick, running bond, on the front of the closet and guest bath / powder gables (and their porch-side returns) and a 3'-0" wainscot with a rowlock cap on the garage front and west walls. Anchored veneer per R703.8 on the foundation ledge: ties 32" o.c. h / 24" o.c. v, 2.67 sf max. each (R703.8.4.1), 3/4" min. cavity drained at 33" o.c. with flashing at the base (R703.8.5-6). R703.8 limits it to the first storey: above the plate the gables get adhered thin brick (R703.12) or a lintel / roof angle per R703.8.2 - builder to choose.
6. Chimney: masonry or framed chase with a stone veneer, cap and spark arrestor; height per IRC (2' above anything within 10').
7. PRELIMINARY — heights, pitches and materials for owner / builder review; not for construction.

PASCHKE RESIDENCE

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Renovation & addition — PRELIMINARY, NOT FOR CONSTRUCTION

EXTERIOR ELEVATIONS — FRONT & REAR

Scale: 1/8" = 1'-0" (11x17)

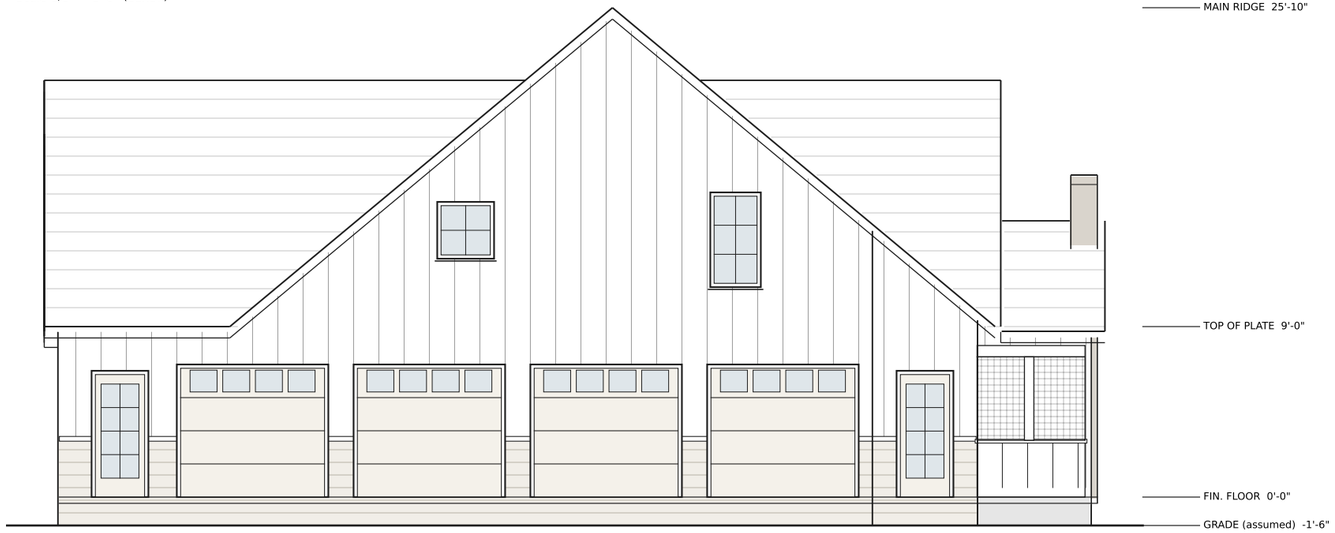
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Drawn by: D. Larimore (Daring Designs)

A-201

WEST (GARAGE SIDE) ELEVATION

Scale 1/8" = 1'-0" (11x17)



GRAPHIC SCALE 1/8" = 1'-0" at 11x17

0 4 8 16 FT

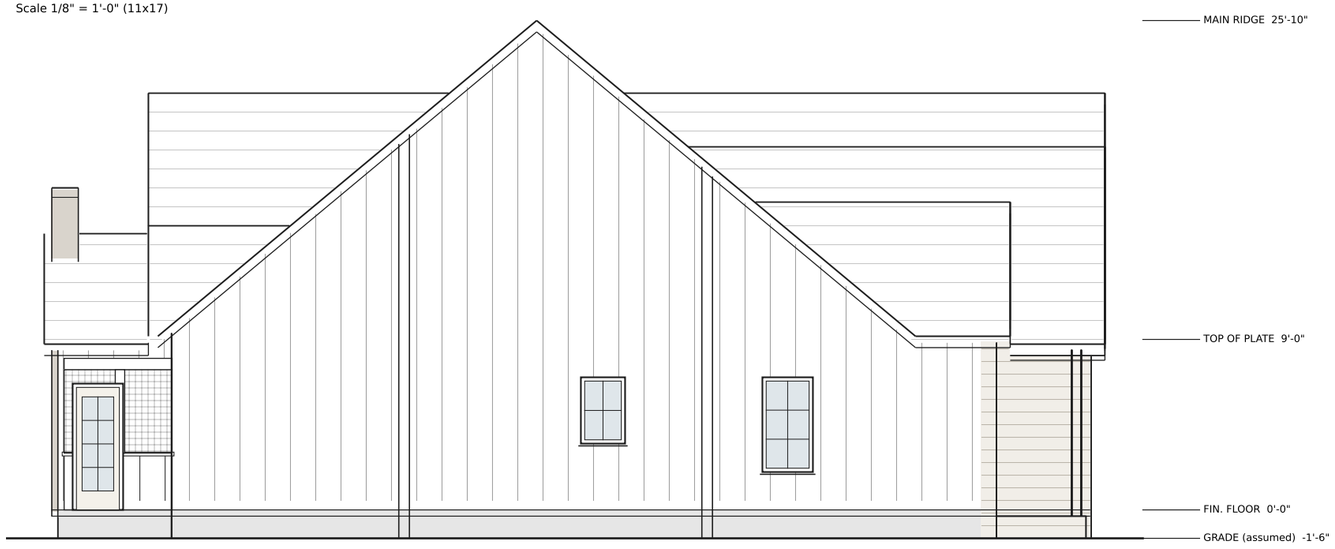
Main body gable end, 10:12, ridge 25'-10"; the garage cross gables project front and back.

Four 8'-0" x 7'-0" overhead doors, side-load as Project C, onto the motor court at the end of the existing drive (C-101).

Loft over the garage (A-104): bedroom egress windows in the gable end, dormer windows in the cross gables.

EAST (MASTER SUITE) ELEVATION

Scale 1/8" = 1'-0" (11x17)



GRAPHIC SCALE 1/8" = 1'-0" at 11x17

0 4 8 16 FT

Main body gable end, 10:12, ridge 25'-10"; the master-wing cross gables project front and back.

Screened porch beyond, with the chimney.

ELEVATION NOTES

1. Drawn from the model's roof, walls, doors and windows (hidden lines removed). Exterior style after the builder's Project C elevation, made more rustic after the owners' reference (11/8): cream board-and-batten, black windows with simulated divided lites, stained cedar timbers and entry gable, black standing-seam awnings, stone pier bases.
2. Grade is assumed 1'-6" below the new finished floor and level; survey the actual grade. Foundation shown as a plain band.
3. Window and door sizes per A-601 / A-602. Windows: 7'-0" head; bath / garage / powder windows have high sills.
4. Siding: FIBRE-CEMENT board-and-batten - 5/16" smooth fibre-cement panels (ASTM C1186 Type A, Grade II min.) with 3/4" x 2-1/2" fibre-cement battens 16" o.c., every panel joint on framing and under a batten (R703.10.1); corrosion-resistant 6d nails at 6" panel edges / 12" in the field (Table R703.3(1)) or per the manufacturer; factory primed, two coats 100% acrylic, cream (SW 7012 Creamy or equal); 6" clear of grade and 2" clear of roofs / slabs per the manufacturer. Basis: James Hardie HardiePanel + HardieTrim battens, or equal - verify. Entry gable stained cedar board-and-batten; fibre-cement trim at corners, rakes and openings. Roofing: charcoal architectural shingles; awnings 24 ga black standing seam on rough-sawn cedar knee brackets. Porch posts 6x6 rough-sawn cedar on 16" stone piers, 2'-0" high.
5. White brick (Project C): painted / limewashed modular brick, running bond, on the front of the closet and guest bath / powder gables (and their porch-side returns) and a 3'-0" wainscot with a rowlock cap on the garage front and west walls. Anchored veneer per R703.8 on the foundation ledge: ties 32" o.c. h / 24" o.c. v, 2.67 sf max. each (R703.8.4.1), 3/4" min. cavity drained at 33" o.c. with flashing at the base (R703.8.5-6). R703.8 limits it to the first storey: above the plate the gables get adhered thin brick (R703.12) or a lintel / roof angle per R703.8.2 - builder to choose.
6. Chimney: masonry or framed chase with a stone veneer, cap and spark arrestor; height per IRC (2' above anything within 10').
7. PRELIMINARY — heights, pitches and materials for owner / builder review; not for construction.

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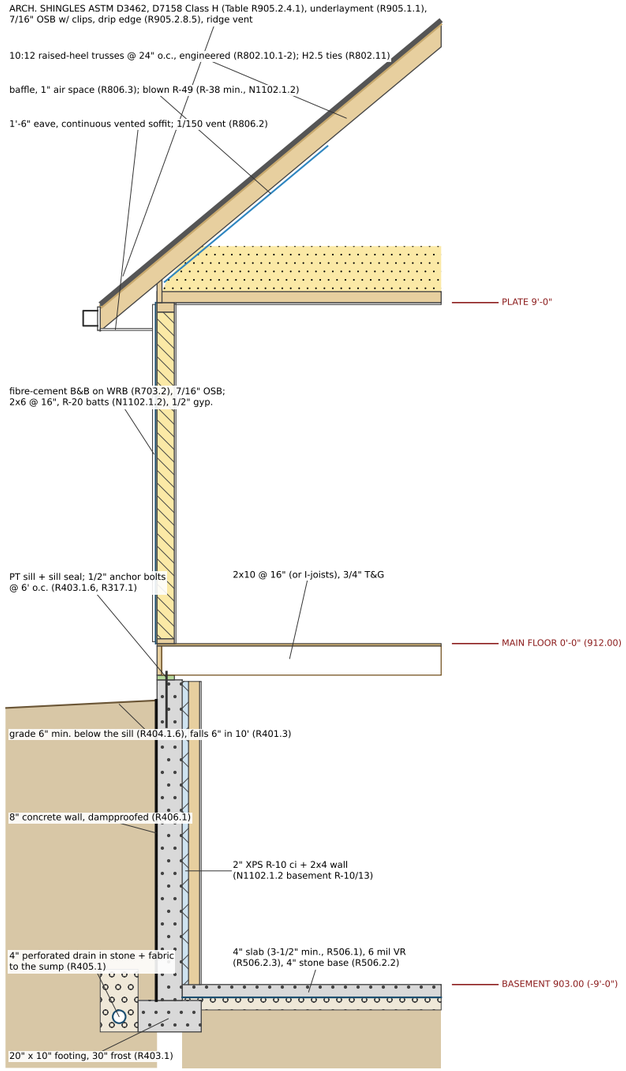
EXTERIOR ELEVATIONS — SIDES

Scale: 1/8" = 1'-0" (11x17)

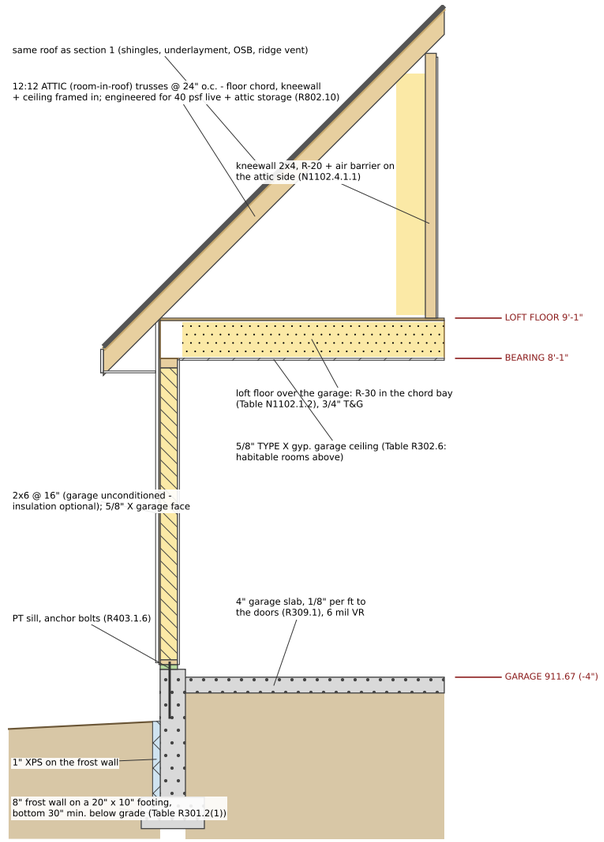
From paschke.ifc · Nov 10, 2026

Drawn by: D. Larimore (Daring Designs)

A-202



1 WALL SECTION AT THE BASEMENT (great room)



2 WALL SECTION AT THE GARAGE + LOFT

GRAPHIC SCALE 1/4" = 1'-0" at 11x17

0 2 4 8 FT

ROOF CONSTRUCTION & MATERIALS

1. ROOFING: architectural asphalt shingles to ASTM D3462 (R905.2.4), wind class ASTM D7158 G or H / D3161 F - Table R905.2.4.1 asks D, G or H (A, D or F) up to 116 mph; Hamilton Co. is 115 mph. 4 nails per shingle min., 6 in the high-wind pattern (R905.2.6).
2. UNDERLAYMENT: labelled ASTM D226 / D4869 or synthetic, applied + attached per Tables R905.1.1(2)-(3); self-adhered ASTM D1970 in the valleys. Ice barrier (R905.1.2) is NOT required in Hamilton Co. (Table R301.2(1)) - recommended 24" inside the wall line anyway.
3. DECK: 7/16" OSB (24/16 span rating) with H-clips on 24" o.c. trusses, 8d @ 6" / 12"; drip edge at eaves and rakes, 2" laps, 12" o.c. (R905.2.8.5); valley linings per R905.2.8.2; step + kick-out flashing where roofs meet walls and eaves die into sidewalls (R903.2.1).
4. FRAMING: raised-heel metal-plate trusses @ 24" o.c. over the flat-ceiling rooms (ANSI/TPI 1, R802.10.2), girder trusses at the valleys, truss drawings on site (R802.10.1). VAULTS (Nov 9): great-room CATHEDRAL = 2x12 rafters @ 16" on an engineered ridge beam (LVL / glulam) with posts to the foundation, closed above 9' by vault walls; master room vaulted under the east wing gable (ridge + valley members); loft = rafters + collar ties, flat at 11'-0" - engineer (PRELIM). Uplift ties at every bearing (R802.11.1).
5. VENTILATION: 1/150 net free area (R806.2), half low (continuous soffit) and half high (ridge vent); baffles keep 1" over the insulation at every eave vent (R806.3). Vaulted bays: a 1-1/2" baffle soffit to ridge in every rafter bay (or unvented per R806.5).
6. INSULATION: ceiling R-49 blown (R-38 min., Table N1102.1.2, climate zone 5), vaulted bays R-38 (R-30 on up to 500 sf, N1102.2.2); raised heels; attic access 22" x 30" min. (R807.1).
7. GUTTERS: 6" K-style aluminium, 3" x 4" downspouts to solid pipe and emitters (C-102).

WALLS & FOUNDATIONS

1. Exterior walls: 2x6 @ 16" o.c., double top plate (R602.3.2), 7/16" OSB continuous sheathing as bracing (R602.10, CS-WSP), R-20 cavity (Table N1102.1.2); headers per Table R602.7(1) - engineer to confirm.
2. WRB over the sheathing (R703.2) with drainage behind the cladding (R703.1.1); pan-flashed openings, AAMA 711 tapes (R703.4); 5/16" fibre-cement panels (ASTM C1186 Type A, Gr. II), joints on framing under battens (R703.10.1).
3. Vapor retarder: Class I or II on the inside of frame walls in zone 5 (R702.7) - kraft-faced batts or a smart membrane; basement walls are exempt.
4. Foundations: 8" poured concrete on 20" x 10" footings (Table R403.1(1), 1,500 psf presumptive soil - verify), bottom 30" min. below grade (Table R301.2(1)); basement walls dampproofed (R406.1) with footing drains to a sump (R405.1); anchor bolts per R403.1.6.
5. Garage / house separation per Table R302.6 (1/2" gyp. on the garage side of the house walls, 5/8" Type X ceiling under the loft); doors per R302.5.1.
6. Air sealing per Table N1102.4.1.1; visual inspection or <= 5 ACH50 (N1102.4.1.2).

PASCHKE RESIDENCE

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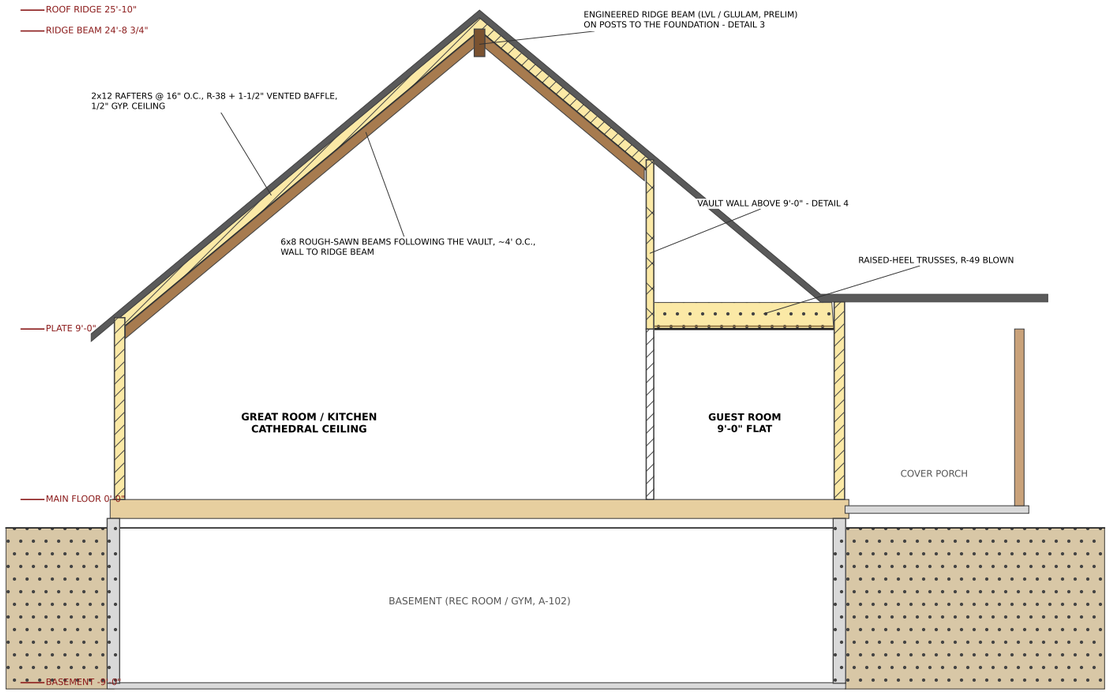
WALL SECTIONS & ROOF CONSTRUCTION

Scale: 1/4" = 1'-0" (11x17)

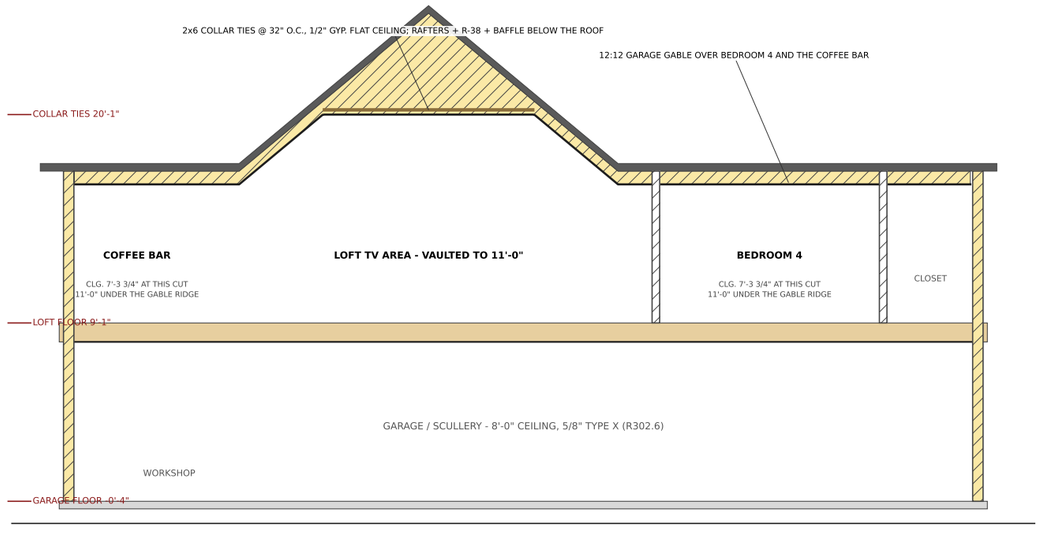
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Drawn by: D. Larimore (Daring Designs)

A-301



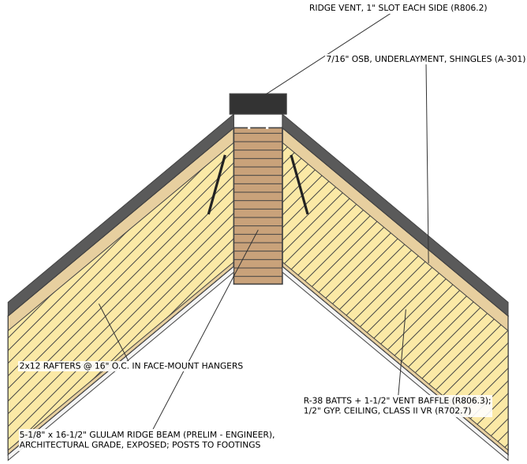
1 SECTION THROUGH THE GREAT ROOM AT x 38'-6" (LOOKING WEST) 1/8" = 1'-0"



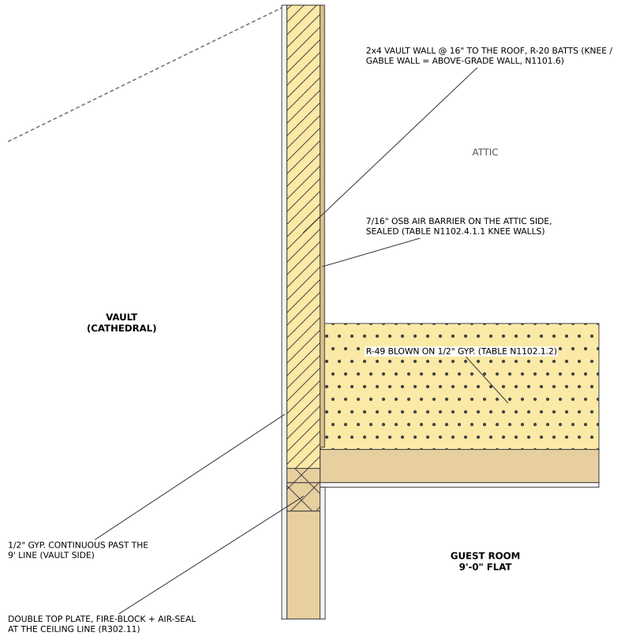
2 SECTION THROUGH THE LOFT AT x 16'-6" (LOOKING WEST) 1/8" = 1'-0"

GRAPHIC SCALE 1/8" = 1'-0" at 11x17

0 4 8 16 FT



3 RIDGE BEAM AT THE CATHEDRAL 3/4" = 1'-0"



4 VAULT WALL OVER A 9'-0" CEILING 3/4" = 1'-0"

VAULT NOTES

1. Great room / kitchen / TV alcove: full cathedral ceiling following the 10:12 roof to an exposed ridge beam (24'-8 3/4" at the beam); the master room is vaulted under the east wing gable and the main slope (about 13'-10 3/4" at its ridge, a valley where they meet, clerestory in its south gable); outlines on A-103. Flat 9'-0" ceilings everywhere else on the main floor (trusses).
2. The ridge beam carries the rafters' load to posts at each end, down to footings (no rafter thrust on the walls): beam, posts and footings by the engineer (PRELIM). Rafters in hangers at the beam and on the raised-heel plate with uplift ties (R802.11.1).
3. Vault walls close the cathedral above the 9' line on its edges (A-103 dashed outline): framed and insulated as walls to the attic, with an air barrier on the attic side (Table N1102.4.1.1).
4. Loft: rafters with collar ties replace the attic trusses over the garage; the ceiling follows the roof up from the kneewalls to a flat at 11'-0" above the loft floor (dashed lines on A-104). Bedroom 4 and the coffee bar sit under the 12:12 garage gable; the jack and jill bath has a flat 8'-0" ceiling.
5. Insulation: vaulted bays R-38 with a 1-1/2" vented baffle soffit to ridge (R806.2, R806.3), or R-30 on up to 500 sf (N1102.2.2), or an unvented assembly per R806.5; flat ceilings R-49 blown.
6. Exposed beams (modern farmhouse): 6x8 rough-sawn timbers about 4' o.c. following the vault from the wall to the ridge beam in the great room and the master, fixed through the drywall to the rafters (decorative - the rafters are designed without them); stain to match the porch timbers.
7. Lighting under the vault: cans rated for sloped ceilings or pendants / a fan on a sloped-ceiling adapter (E-101).
8. PRELIMINARY — framing sizes to be confirmed by the engineer / truss supplier.

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BUILDING SECTIONS - VAULTED CEILINGS

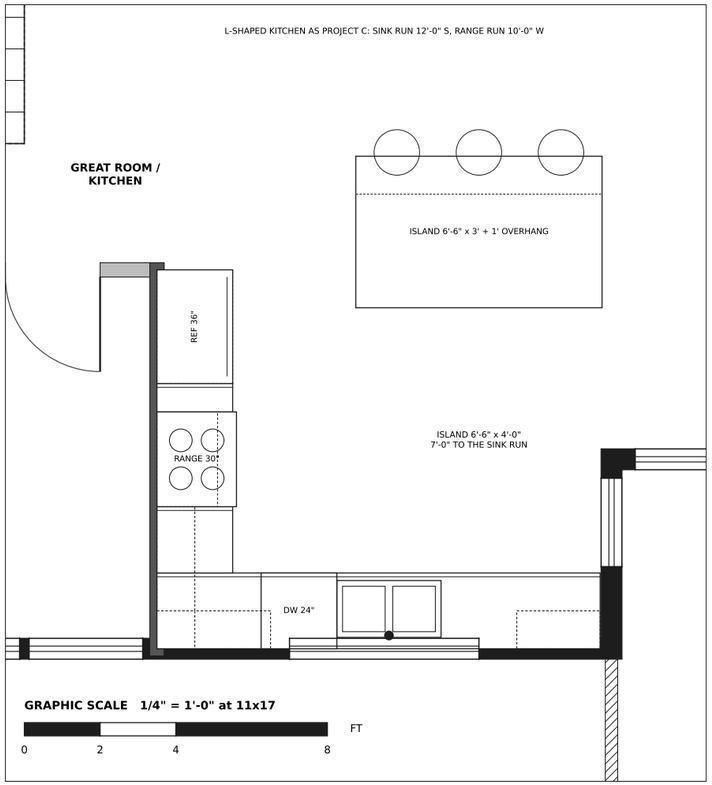
Scale: As noted (11x17)

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Drawn by: D. Larimore (Daring Designs)

A-302

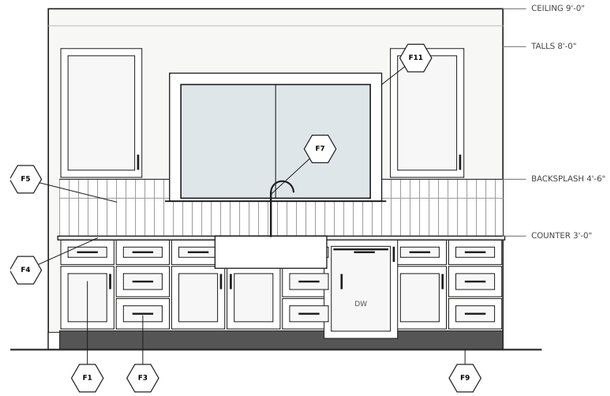
ENLARGED KITCHEN PLAN



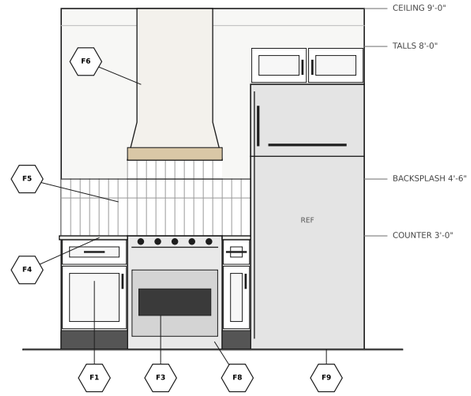
FINISH SCHEDULE (keynotes on the elevations)

KEY	ITEM	FINISH / SPEC — MODERN FARMHOUSE
F1	Perimeter cabinets	Rift-sawn WHITE OAK shaker fronts, 2-1/4" rails; clear matte water-based finish (natural tone, non-yellowing); white oak veneer end panels and refrigerator panels; soft-close; full-height tall cabinets to 8'-0"
F2	Island	White oak shaker drawer fronts on the working side, as F1; the seating side and ends are flat white oak panels; 12" overhang on concealed steel flat-bar supports let into the cabinet top (no visible brackets)
F3	Hardware	Matte black 6" bar pulls on drawers, 1-1/4" black knobs on doors; black cup pulls at the island
F4	Countertops	3 cm quartz, white with soft grey veining (Caesarstone 5131 Calacatta Nuvo or equal), eased edge, 1-1/2" built-up edge at the island
F5	Backsplash	3" x 12" handmade-look ceramic tile, matte white, stacked vertical bond, counter to the hood and to 4'-6" elsewhere; white grout, matte black Schluter edge
F6	Range hood	Site-built plaster (venetian) chimney hood to the ceiling, 4" white oak band at the bottom; 600 CFM insert, ducted outside
F7	Sink + faucet	33" fireclay apron-front single bowl, white; matte black pull-down faucet, soap dispenser; disposal
F8	Appliances	Stainless: 30" slide-in gas range under the hood, 24" panel-ready dishwasher (F1 panel), 36" panel-ready integrated refrigerator (F1 panels, 24" deep, flush with the cabinets), microwave drawer in the island
F9	Flooring	7" wide engineered white oak plank, natural matte finish, through the great room; tile-free
F10	Lighting	Three 10" matte black cylinder pendants over the island (3000K); under-cabinet LED strip at the tall run; 4" recessed cans
F11	Window + trim	Black exterior clad / white painted interior sash; 1x4 flat casing, 1x6 base, SW 7005 Pure White semi-gloss; walls SW 7008 Alabaster flat
F12	Island seating	Three 26" counter stools, black metal frame, natural oak seat

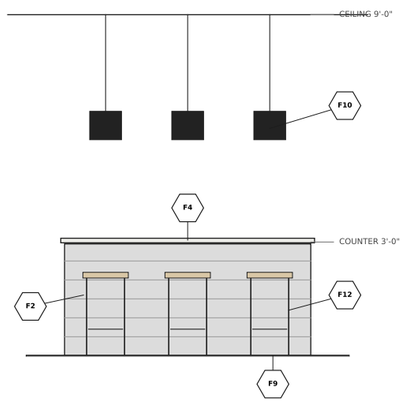
K-1 SOUTH WALL (SINK, DISHWASHER)



K-2 WEST WALL (RANGE + HOOD, REFRIGERATOR)



K-3 ISLAND, SEATING SIDE (LOOKING SOUTH)



KITCHEN NOTES

1. Kitchen arranged as the builder's Project C: an L on the walls backing the pantry — the sink run on the south wall under the window (12'-0"), the range and hood on the west wall (10'-0") with the refrigerator at its end; a 6'-6" x 4'-0" island parallel to the sink wall, a walkway round both ends, with seating on its north side facing the great room; dining between the kitchen and the screened porch doors. The pantry (7' x 10') opens off the passage by the stair; the powder room is in the front bump-out by the garage door.
2. Finishes per the FINISH SCHEDULE (keynotes F1–F12 on the elevations): white oak shaker perimeter and island, matte black hardware, white quartz, stacked white tile, plaster hood with an oak band, white oak floors. 36" counter, 2' bases, talls to 8'-0"; no uppers on the sink wall (window, hood and the powder room door's approach) — storage is in the pantry and the tall run.
3. Appliances per F8 (owner to select the brand); the dishwasher takes a cabinet panel.
4. Kitchen window over the sink: 6'-0" x 3'-0", sill 4'-0" on a stool over 12" of backsplash, head 7'-0".
5. Island: 3'-0" cabinets with a 12" seating overhang on concealed steel flat-bar supports, 3'-6" aisles both sides; pendants over the island, under-cabinet lights on the south run.
6. Plumbing, electrical (GFCI / small-appliance circuits, range and oven circuits) and ventilation per the Indiana Residential Code / NEC — not yet designed.
7. PRELIMINARY — layout for owner / builder review; confirm with the cabinet supplier's shop drawings.

PASCHKE RESIDENCE

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ENLARGED KITCHEN PLAN & ELEVATIONS

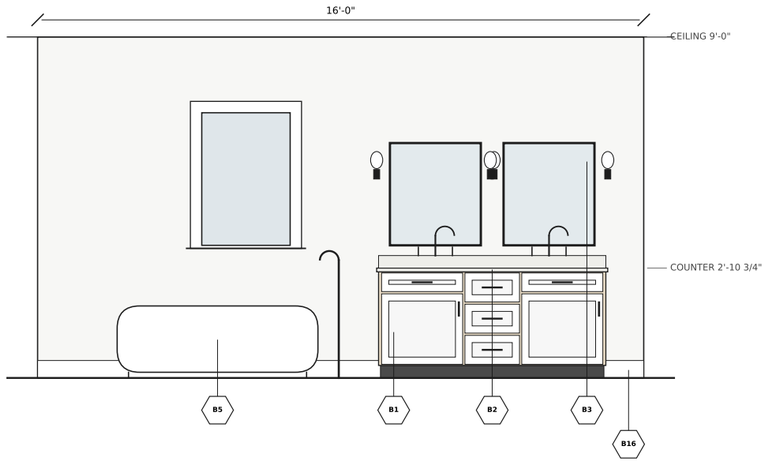
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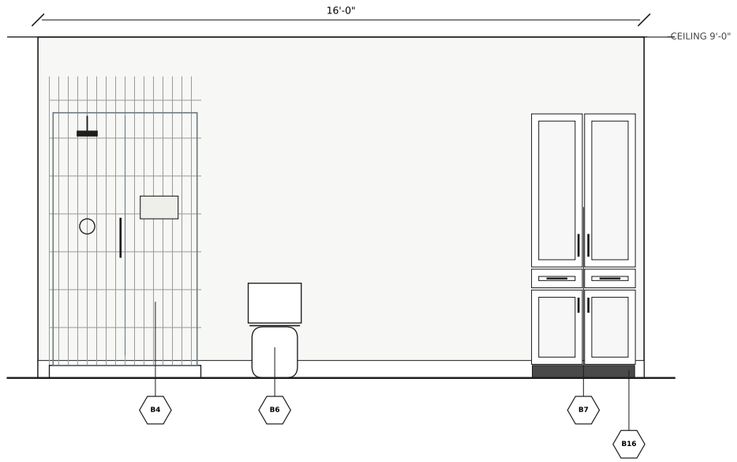
Drawn by: D. Larimore (Daring Designs)

A-401

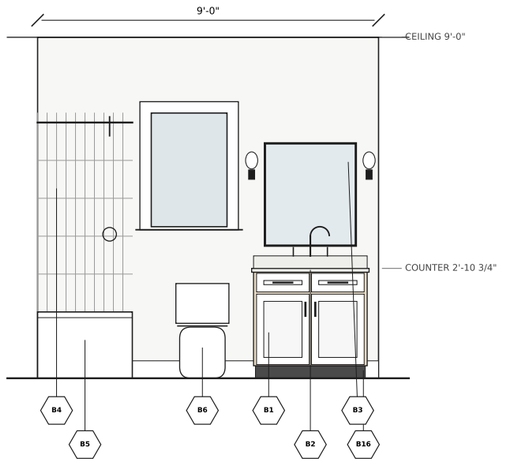
E-1 MASTER BATH - EAST WALL (VANITY, TUB)



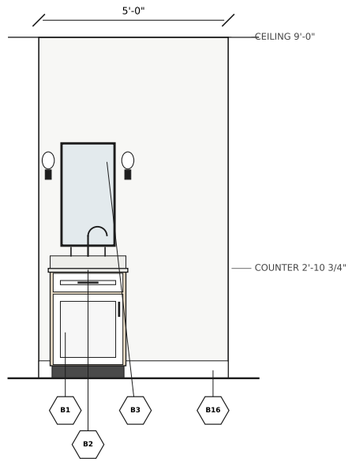
E-2 MASTER BATH - WEST WALL (SHOWER, WC, LINEN)



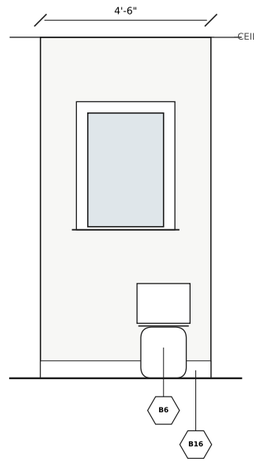
E-3 GUEST BATH - NORTH WALL



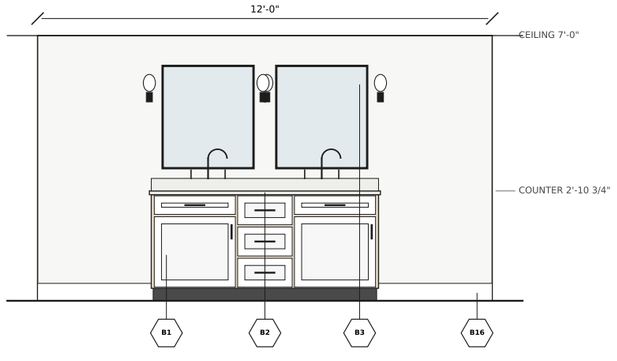
E-4 POWDER ROOM - WEST WALL



E-5 POWDER ROOM - NORTH WALL



E-6 JACK AND JILL BATH (LOFT) - EAST WALL



BUILT-IN & BATH FINISH SCHEDULE

KEY	ITEM	FINISH / SPEC
B1	Bath vanities	Rift white oak shaker doors / drawer fronts, natural matte clear coat; 4" toe kick; soft-close; matte black 5" bar pulls (F3)
B2	Vanity tops + sinks	3 cm quartz to match F4 with a 4" splash; undermount rectangular white porcelain sinks; matte black widespread faucets
B3	Mirrors + sconces	Black metal-framed mirrors centred on each sink, bottom at 3'-6"; matte black sconces with white glass either side, centred at 5'-6" AFF
B4	Showers	3x12 matte white tile stacked vertical to the ceiling; 2" hex mosaic floor, linear drain; 3/8" frameless clear glass panel + door, black hardware; 12x24 niche; pressure-balance valve at 4'-0", head at 6'-8"
B5	Tubs	Master: freestanding acrylic soaking tub, black floor-mount filler. Guest + loft jack and jill: 60" alcove tub, 3x12 tile surround to 7'-0", shower head + curtain rod
B6	Toilets	Elongated, comfort height, 1.28 gpf WaterSense; matte black paper holder
B7	Painted built-ins	Shaker doors, SW 7005 Pure White satin; 1x crown to the ceiling where full height; matte black knobs / pulls (linen, media, bookcase, fireplace flanks, laundry, coffee bar)
B16	Bath floors + walls	12x24 matte porcelain floor tile (baths, laundry); walls SW 7008 Alabaster eggshell; exhaust fans per the plans (ENERGY STAR, humidity sensing)

NOTES

1. Wet walls: cement board behind all tile; waterproof membrane in the showers and the tub surround (IRC R702.4.2). Glass per IRC R308.4.5 (safety glazing in shower / tub enclosures).
2. Grab-bar blocking at every toilet, tub and shower; mirrors and sconces centred on the sinks.
3. Every elevation is drawn from the model (paschke.ifc); fixture and cabinet positions match A-102 / A-103 / A-104. Field-verify before ordering.
4. PRELIMINARY — for owner / builder review; cabinet and closet suppliers to issue shop drawings.

PASCHKE RESIDENCE

2527 W 159th St · Westfield, Indiana

Renovation & addition — PRELIMINARY, NOT FOR CONSTRUCTION

INTERIOR ELEVATIONS - BATHROOMS

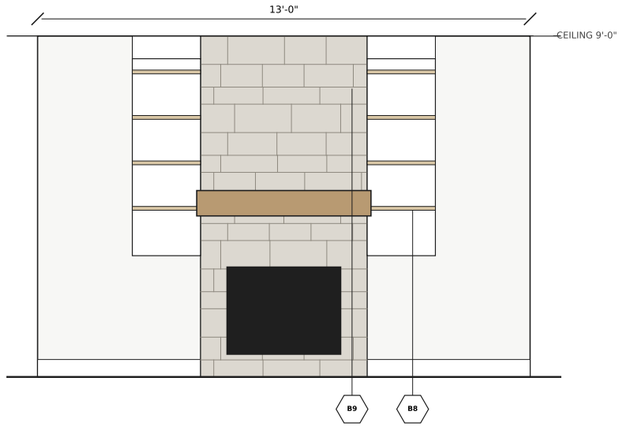
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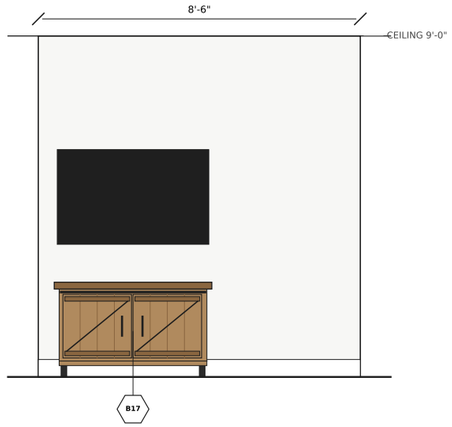
Drawn by: D. Larimore (Daring Designs)

A-402

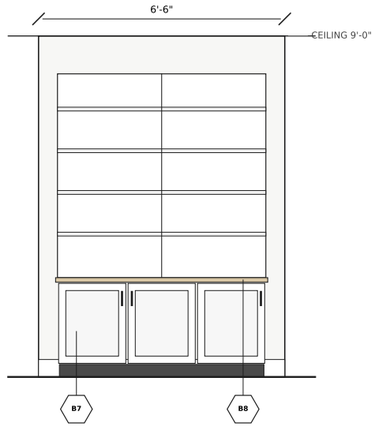
E-9 GREAT ROOM - FIREPLACE WALL (EAST)



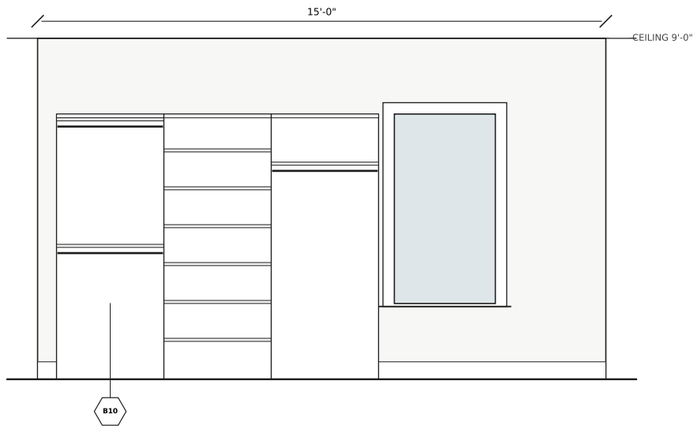
E-10 TV ROOM - MEDIA WALL (EAST)



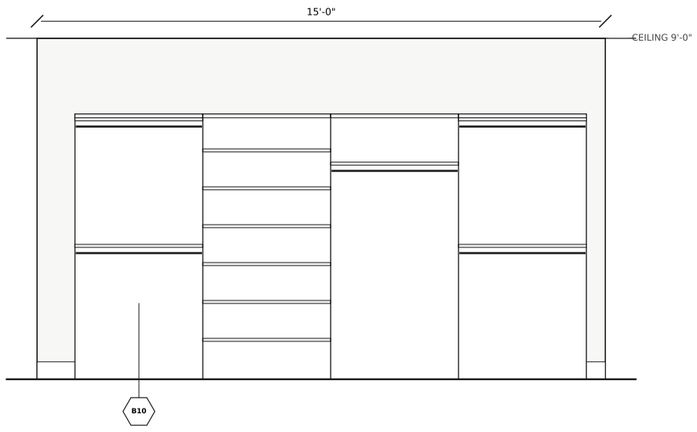
E-11 STUDY - BOOKCASE (SOUTH)



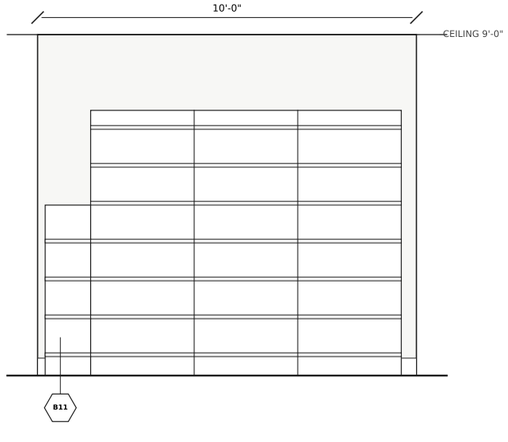
E-12 WALK-IN CLOSET - EAST WALL



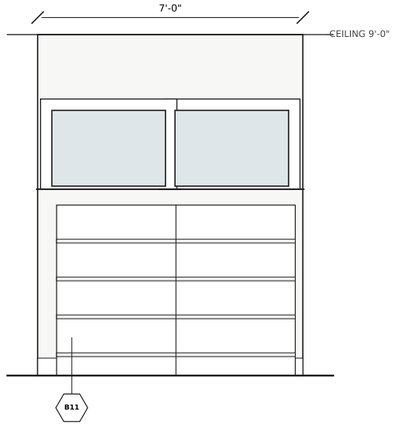
E-13 WALK-IN CLOSET - WEST WALL



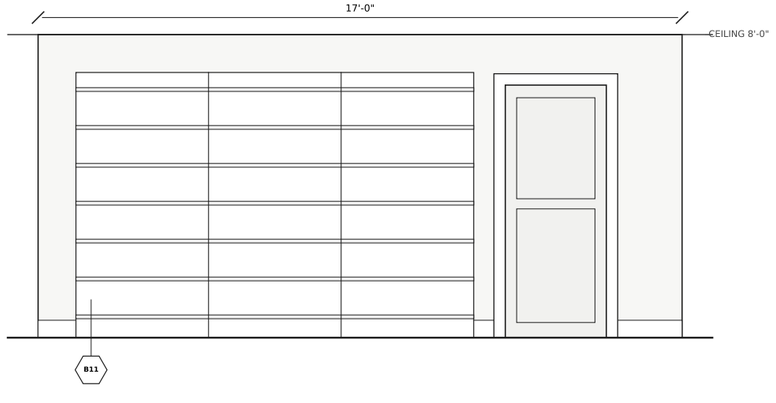
E-15 PANTRY - WEST WALL



E-16 PANTRY - SOUTH WALL



E-17 BASEMENT STORAGE - NORTH WALL



BUILT-IN & BATH FINISH SCHEDULE

KEY	ITEM	FINISH / SPEC
B7	Painted built-ins	Shaker doors, SW 7005 Pure White satin; 1x crown to the ceiling where full height; matte black knobs / pulls (linen, media, bookcase, fireplace flanks, laundry, coffee bar)
B8	Open shelves	1-1/2" rift white oak, clear matte; 12" deep on concealed brackets or in painted cases
B9	Fireplace wall	Stone veneer (to match the chimney) floor to ceiling around a 36" firebox (owner to select; a listed direct-vent gas unit is recommended - sealed, no outside-air duct, R1004 / R1006.1); 8x8 rough-sawn oak beam mantel at 4'-6"; flush stone hearth; stone to the ceiling above (no TV); open oak shelves each side from 3'-9" up, no cabinets beside the firebox - keep the listing's clearances to combustibles
B10	Closet systems	Painted (SW 7005) melamine closet system: double hang rods at 3'-4" / 6'-8", long hang at 5'-6", 12" adjustable shelves, top shelf at 7'-0"; drawer island with a quartz top
B11	Pantry + storage	Painted plywood shelves 16" deep (12" basement), 12" o.c., solid oak nosing; adjustable; storage shelving in the basement is wire / steel by the owner
B17	Media console	Rustic reclaimed-look oak (or knotty alder) plank console, 6' x 18" x 30", 2" plank top, two sliding barn doors with Z-braces on a matte black flat-bar track, open shelf below on black steel legs; cord grommets + low-voltage / power behind (TV room)

NOTES

1. Fireplace: listed unit installed to its listing (R1004.1); hearth extension per the listing (R1004.2), or 16" front / 8" sides for a masonry firebox (20" / 12" over 6 sf, R1001.10); outside air (R1006.1); no TV over it (the TV room has one).
2. Built-ins scribed to the walls; outlets / low-voltage in the media built-ins and the bookcase base by the electrician (not yet designed).
3. Every elevation is drawn from the model (paschke.ifc); fixture and cabinet positions match A-102 / A-103 / A-104. Field-verify before ordering.
4. PRELIMINARY — for owner / builder review; cabinet and closet suppliers to issue shop drawings.

PASCHKE RESIDENCE

2527 W 159th St · Westfield, Indiana

Renovation & addition — PRELIMINARY, NOT FOR CONSTRUCTION

INTERIOR ELEVATIONS - BUILT-INS & STORAGE

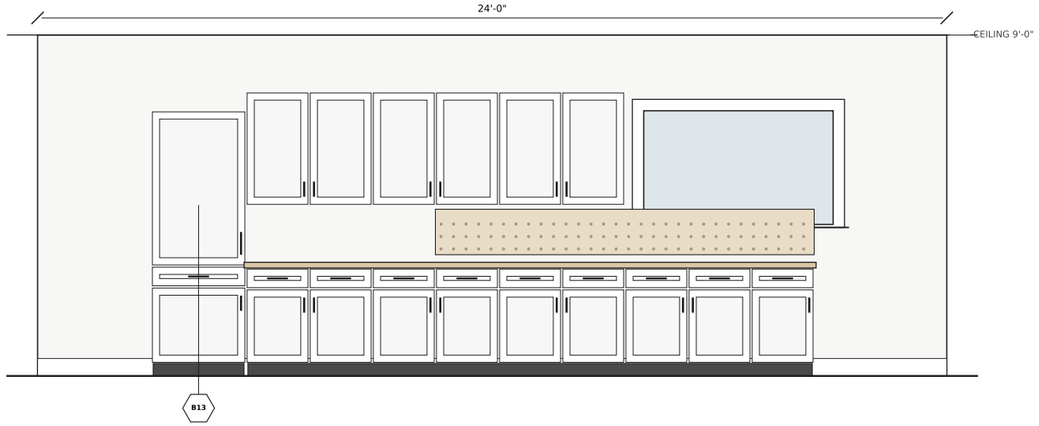
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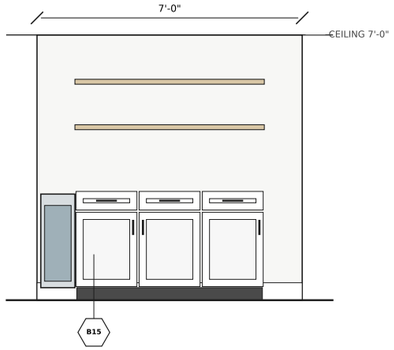
Drawn by: D. Larimore (Daring Designs)

A-403

E-18 WORKSHOP - SOUTH WALL



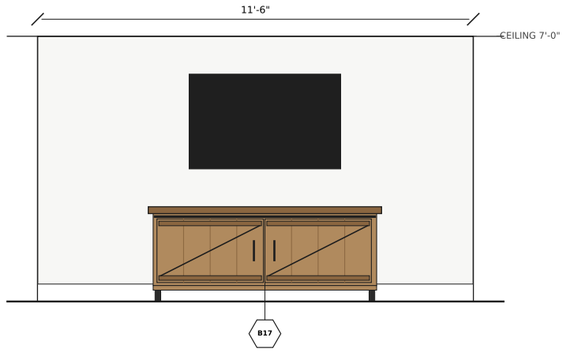
E-19 LOFT COFFEE BAR - EAST WALL



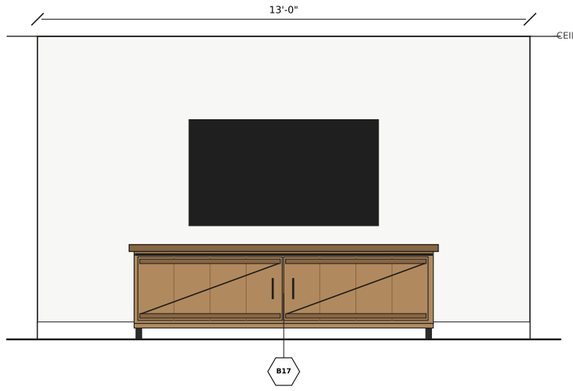
BUILT-IN & BATH FINISH SCHEDULE

KEY	ITEM	FINISH / SPEC
B12	Laundry	Side-by-side front-load washer + dryer (owner to select); painted wall cabinets above; dryer vent to the exterior
B13	Workshop	1-3/4" maple butcher block top on painted base cabinets; wall cabinets; tall cabinet; 1/4" pegboard between the counter and the wall cabinets
B14	Wine racks	Solid wood individual-bottle racks (redwood or pine), floor to 7'-0", diamond bins at the ends
B15	Coffee bar	Painted base cabinets (B7), quartz top (F4), under-counter beverage fridge, two oak floating shelves (B8)
B17	Media console	Rustic reclaimed-look oak (or knotty alder) plank console, 6' x 18" x 30", 2" plank top, two sliding barn doors with Z-braces on a matte black flat-bar track, open shelf below on black steel legs; cord grommets + low-voltage / power behind (TV room)

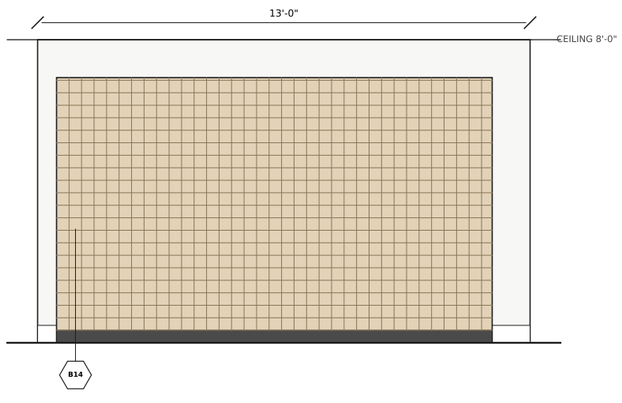
E-20 LOFT TV AREA - MEDIA WALL (EAST)



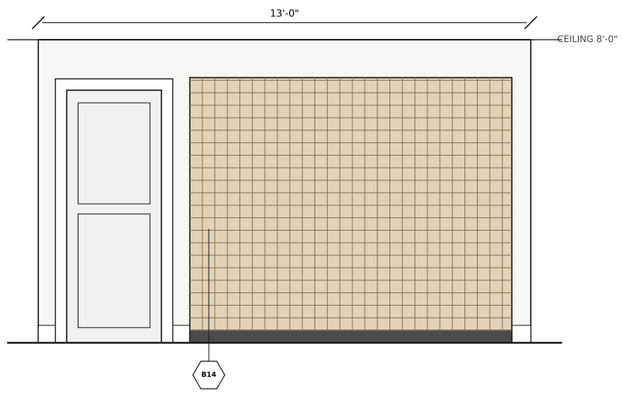
E-21 REC ROOM - MEDIA WALL (EAST)



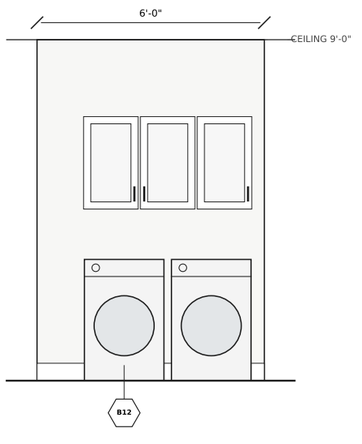
E-22 WINE / STORM ROOM - EAST WALL



E-23 WINE / STORM ROOM - WEST RACKS



E-14 LAUNDRY - WEST WALL



NOTES

1. Workshop counter at 3'-0"; GFCI receptacles every 4' over the bench (NEC 210.8) — circuits not yet designed.
2. Loft ceilings 7'-0" flat between the kneewalls; the coffee bar sits in the back (south) dormer.
3. Every elevation is drawn from the model (paschke.ifc); fixture and cabinet positions match A-102 / A-103 / A-104. Field-verify before ordering.
4. PRELIMINARY — for owner / builder review; cabinet and closet suppliers to issue shop drawings.

PASCHKE RESIDENCE

2527 W 159th St · Westfield, Indiana

Renovation & addition — PRELIMINARY, NOT FOR CONSTRUCTION

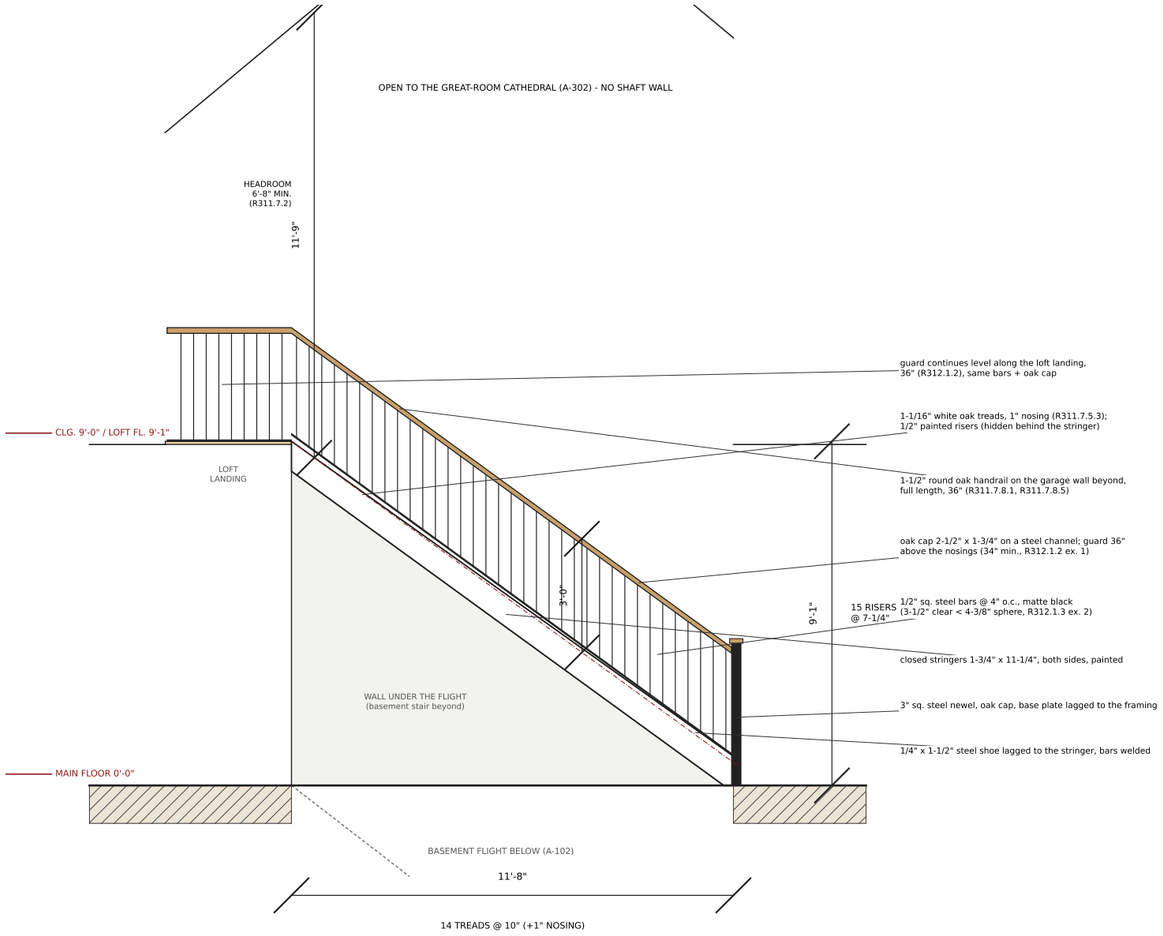
INTERIOR ELEVATIONS - WORKSHOP, LOFT & BASEMENT

Scale: 1/4" = 1'-0" (11x17)

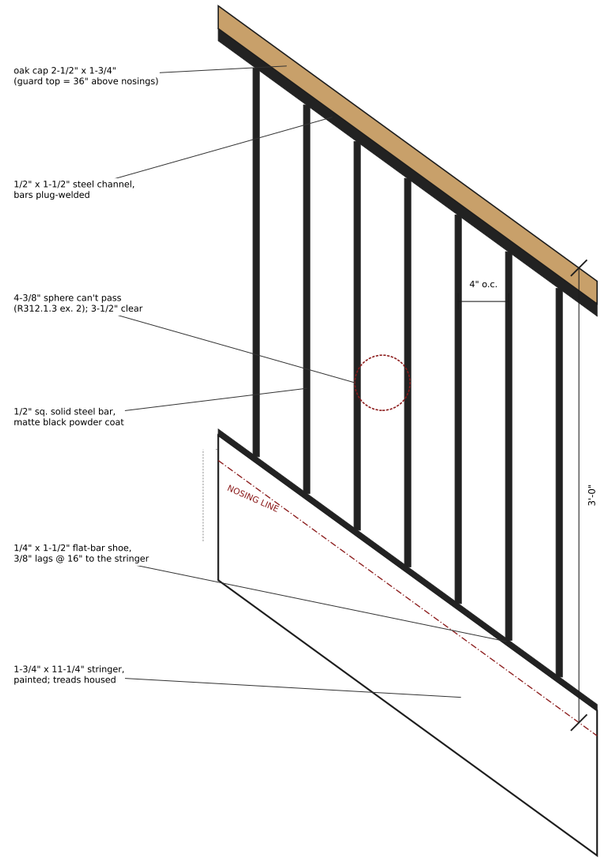
From paschke.ifc · Nov 10, 2026

Drawn by: D. Larimore (Daring Designs)

A-404



1 LOFT STAIR - ELEVATION FROM THE GREAT ROOM (LOOKING WEST) 1/4" = 1'-0"



2 GUARD AT THE OPEN SIDE 1" = 1'-0"

GRAPHIC SCALE 1/4" = 1'-0" at 11x17

0 2 4 8 FT

STAIR NOTES (2020 INDIANA RESIDENTIAL CODE)

1. Loft flight: 15 risers @ 7-1/4" (9'-1" floor to floor), 8-1/4" max., within 3/8" of each other (R311.7.5.1); 14 treads @ 10", 9" min. (R311.7.5.2).
2. Treads under 11" need a nosing: 1" (3/4" - 1-1/4"), radius <= 9/16" (R311.7.5.3).
3. Width 3'-6" between the garage wall and the guard: 36" clear above the handrail, 31-1/2" at and below it with a rail on one side (R311.7.1).
4. Headroom: the stair sits under the great-room cathedral (Nov 9), far over the 6'-8" min. (R311.7.2).
5. Handrail on one side min. (4+ risers, R311.7.8): 1-1/2" round oak on the garage wall, full length, 36" above the nosings (34" - 38", R311.7.8.1), grip per R311.7.8.5, 1-1/2" clear of the wall.
6. Guard on the open side: 36" (34" min. on stairs, R312.1.2 ex. 1); openings < 4-3/8" (R312.1.3 ex. 2), 6" at the tread / riser / shoe triangle (ex. 1). 200 lb load on guards and rails (Table R301.5) - welds / lags by the fabricator.
7. Open stair (11/9, Darin: "continue the railing all the way over the landing to open that wall up"): no shaft wall on the east - the cathedral runs over the flight and the loft landing; the guard runs up the flight and on level along the landing edge to its south wall. The landing's east edge is a flush beam over the nook - engineer to size. The north shaft wall (y 13) stays, insulated / air-sealed as an attic wall (R-20, N1102.1.2).
8. Basement flight directly below (A-102): same rise and run, walled both sides, handrail one side.
9. PRELIMINARY - steel fabricator to issue shop drawings for the guard.

PASCHKE RESIDENCE

2527 W 159th St · Westfield, Indiana

Renovation & addition — PRELIMINARY, NOT FOR CONSTRUCTION

STAIR ELEVATION & RAILING DETAIL

Scale: As noted (11x17)

From paschke.ifc · Nov 10, 2026

Drawn by: D. Larimore (Daring Designs)

A-405

DOOR SCHEDULE

MARK	LOCATION	TYPE	SIZE (W x H)	SWING	TRIM	REMARKS
D1	Garage service	Single, hinged	3'-0" x 6'-8"	Swings east, hinge north	TR-1, 2, 3, 7	Garage: 1-3/8" solid wood / steel or 20-min rated (R302.5.1; IN: no closer req'd)
D2	Garage overhead 4	Sectional overhead, insulated	8'-0" x 7'-0"	Lifts; opener	TR-9	Side-load garage door, west wall; 1'-4" piers between
D3	Powder Room pocket	Pocket	2'-0" x 6'-8"	Slides west into the wall	TR-1, 2, 3, 7P	
D4	Guest Bath pocket	Pocket	2'-6" x 6'-8"	Slides west into the wall	TR-1, 2, 3, 7P	
D5	Foyer to cover porch	Pair, entry	5'-0" x 6'-8"	Pair, swings south	TR-2 in, TR-9 out	Exterior, weatherstripped; hardware TBD
D6	Great room to garage (north)	Single, hinged	3'-0" x 6'-8"	Swings west, hinge north	TR-1, 2, 3, 7	Garage: 1-3/8" solid wood / steel or 20-min rated (R302.5.1; IN: no closer req'd)
D7	Study pocket	Pocket	2'-8" x 6'-8"	Slides south into the wall	TR-1, 2, 3, 7	
D8	Guest Room	Single, hinged	2'-8" x 6'-8"	Swings west, hinge south	TR-1, 2, 3, 7P	
D9	Laundry	Single, hinged	2'-6" x 6'-8"	Swings east, hinge north	TR-1, 2, 3, 7	
D10	Garage overhead 3	Sectional overhead, insulated	8'-0" x 7'-0"	Lifts; opener	TR-9	Side-load garage door, west wall; 1'-4" piers between
D11	Walk-in Closet	Single, hinged	2'-8" x 6'-8"	Swings north, hinge east	TR-1, 2, 3, 7	
D12	Garage overhead 2	Sectional overhead, insulated	8'-0" x 7'-0"	Lifts; opener	TR-9	Side-load garage door, west wall; 1'-4" piers between
D13	Master Bath	Single, hinged	2'-8" x 6'-8"	Swings north, hinge east	TR-1, 2, 3, 7P	
D14	Great room to garage (south)	Single, hinged	3'-0" x 6'-8"	Swings west, hinge south	TR-1, 2, 3, 7	Garage: 1-3/8" solid wood / steel or 20-min rated (R302.5.1; IN: no closer req'd)
D15	Master Room	Single, hinged	2'-8" x 6'-8"	Swings east, hinge north	TR-1, 2, 3, 7P	
D16	Garage overhead 1	Sectional overhead, insulated	8'-0" x 7'-0"	Lifts; opener	TR-9	Side-load garage door, west wall; 1'-4" piers between
D17	Pantry	Single, hinged	2'-6" x 6'-8"	Swings south, hinge east	TR-1, 2, 3, 7	
D18	Porch to great room	Pair, glazed French	5'-0" x 6'-8"	Pair, swings north	TR-2 in, TR-9 out	Exterior-grade, glazed (porch is unconditioned)
D19	Workshop exterior	Single, hinged	3'-0" x 6'-8"	Swings east, hinge south	TR-2 in, TR-9 out	
D20	Screened porch screen	Single, hinged	2'-8" x 6'-8"	Swings east, hinge north	TR-1, 2, 3, 7	
D21	Loft — Bedroom 4 closet	Single, hinged	2'-6" x 6'-8"	Swings west, hinge north	TR-1, 2, 3, 7	Loft, floor 9'-1" above the main floor (A-104)
D22	Loft — Jack and Jill from bedroom 4	Single, hinged	2'-6" x 6'-8"	Swings south, hinge west	TR-1, 2, 3, 7P	Loft, floor 9'-1" above the main floor (A-104)
D23	Loft — Bedroom 4	Single, hinged	2'-8" x 6'-8"	Swings north, hinge east	TR-1, 2, 3, 7P	Loft, floor 9'-1" above the main floor (A-104)
D24	Loft — Attic access	Single, hinged	2'-6" x 4'-6"	Swings north, hinge east	TR-1, 2, 3, 7	Loft, floor 9'-1" above the main floor (A-104)
D25	Loft — Jack and Jill from bedroom 3	Single, hinged	2'-6" x 6'-8"	Swings north, hinge east	TR-1, 2, 3, 7P	Loft, floor 9'-1" above the main floor (A-104)
D26	Loft — Bedroom 3	Single, hinged	2'-8" x 6'-8"	Swings west, hinge south	TR-1, 2, 3, 7P	Loft, floor 9'-1" above the main floor (A-104)
D27	Loft — Loft at the stair	Single, hinged	2'-8" x 6'-8"	Swings west, hinge south	TR-1, 2, 3, 7	Loft, floor 9'-1" above the main floor (A-104)
D28	Loft — Bedroom 3 closet	Single, hinged	2'-6" x 6'-8"	Swings north, hinge east	TR-1, 2, 3, 7	Loft, floor 9'-1" above the main floor (A-104)
D29	Basement — Future expansion	Single, hinged	2'-8" x 6'-8"	Swings north, hinge east	TR-1, 2, 3, 7	Basement (A-102)
D30	Basement — Wine / storm safe room	Single, hinged	2'-6" x 6'-8"	Swings east, hinge south	TR-1, 2, 3, 7	Storm safe room door: rated assembly per ICC 500 (verify)
D31	Basement — Storage / mechanical	Single, hinged	2'-8" x 6'-8"	Swings south, hinge east	TR-1, 2, 3, 7	Basement (A-102)
D32	Basement — Gym	Cased opening, no leaf	4'-0" x 6'-8"	—	TR-2, 3	Basement (A-102)

TRIM & DOOR FINISH SCHEDULE

KEY	ITEM	SPECIFICATION	WHERE
TR-1	Interior door slab	1-3/8" solid-core 2-panel shaker: flat recessed panels, 4-1/2" stiles, top and mid rails, 9" bottom rail; primed, painted (TR-8). Prehung, split jamb	Every hinged interior door
TR-2	Door casing	1x4 (3/4" x 3-1/2") flat square-edge legs and head, 1/2" x 1-1/4" eased cap over the head; 1/4" reveal at the jamb; both faces	Doors, cased openings; inside face of exterior doors
TR-3	Jambs	11/16" flat jamb to the wall thickness; cased openings: jamb liners full depth, no stop	Every interior opening
TR-4	Window trim	1x4 flat casing, 5/4 stool with eased nose, 1x4 apron; kitchen W4: stool only, no apron (tile below, A-401)	Every window (interior)
TR-5	Base	1x6 (5-1/2") flat base, eased top edge, painted; wet areas: tile base, none inside showers	Every finished room
TR-6	Stair / loft trim	White oak handrail and treads, painted risers and skirt, matte black guard	Stair shaft (A-103, A-104)
TR-7	Door hardware	Matte black lever passage sets (7P = privacy), 3-1/2" matte black hinges (2; 3 on 3'-0" and garage doors), floor or hinge-pin stops, lever at 36"	Hinged doors per the TRIM column
TR-8	Paint	Trim and doors SW 7005 Pure White, semi-gloss (as kitchen F1); walls eggshell, ceilings flat	All interior trim and doors
TR-9	Exterior trim	1x4 casing legs, 1x6 head with a metal drip cap, 5/4 sill under windows; PVC or primed fibre-cement, painted to match the siding	Every window and exterior door (outside face)

SCHEDULE NOTES

1. Marks match A-102 (basement), A-103 (main floor) and A-104 (loft). Sizes and heights are read from the model (nominal openings); loft and basement sills and heads are above their own floors.
2. Door and window locations follow Project KL Rev 5, which is not to scale; final sizes depend on the manufacturer and the structure.
3. Doors 6'-8" high; window heads at 7'-0" (2'-0" sill at the 5'-0" casements; higher sills in baths, the pantry and the garage); basement egress heads at 7'-6".
4. Windows: basis of design PELLA, standard sizes only (pella.com standard-window-sizes; code WWHH = width x height in feet-inches, e.g. 2850 = 2'-8" x 5'-0"). Sizes are nominal unit sizes: confirm the series, rough openings and each egress unit's net clear opening with Pella before ordering.
5. Sleeping-room escape openings, safety glazing near doors, tubs and showers, and garage fire separation: verify with the Indiana Residential Code / AHJ.
6. Existing doors and windows are not scheduled (not yet surveyed).
7. Windows and glazed doors: black-clad exterior, simulated divided lites - 7/8" black SDL bars both faces with spacer bars, lites about 12" x 16" (owners' reference, 11/8; see A-201); U <= 0.35 (G-002).

PASCHKE RESIDENCE
2527 W 159th St · Westfield, Indiana
Renovation & addition — PRELIMINARY, NOT FOR CONSTRUCTION

DOOR & TRIM SCHEDULE

Scale: None
From paschke.ifc · Nov 10, 2026
Drawn by: D. Larimore (Daring Designs)

A-601

WINDOW SCHEDULE

MARK	LOCATION	PELLA UNIT	WIDTH	HEIGHT	SILL	HEAD	REMARKS
W1	Garage window N	Sliding 5030	5'-0"	3'-0"	4'-0"	7'-0"	
W2	Powder Room window	Double-hung 2030	2'-0"	3'-0"	4'-0"	7'-0"	Obscure glass
W3	Guest Bath window	Double-hung 2030	2'-0"	3'-0"	4'-0"	7'-0"	Obscure, TEMPERED: within 60" of the tub, sill < 60" (R308.4.5)
W4	Walk-in Closet window N	(2) Casement 2850	5'-4"	5'-0"	2'-0"	7'-0"	
W5	Guest Room window W	Casement 2850	2'-8"	5'-0"	2'-0"	7'-0"	Egress, >= 5.7 sf net / 24" h / 20" w per sash, sill 2'-0" (R310.2)
W6	Guest Room window E	Casement 2850	2'-8"	5'-0"	2'-0"	7'-0"	Egress, >= 5.7 sf net / 24" h / 20" w per sash, sill 2'-0" (R310.2)
W7	Study window	Casement 2850	2'-8"	5'-0"	2'-0"	7'-0"	
W8	Walk-in Closet window E	Casement 2850	2'-8"	5'-0"	2'-0"	7'-0"	
W9	Master Bath window	Casement 2436	2'-4"	3'-6"	3'-6"	7'-0"	Obscure, TEMPERED: within 60" of the tub, sill < 60" (R308.4.5)
W10	Porch N window W	Double-hung 2044	2'-0"	4'-4"	2'-8"	7'-0"	Interior window to the screened porch
W11	Porch N window E	Double-hung 2044	2'-0"	4'-4"	2'-8"	7'-0"	Interior window to the screened porch
W12	Porch W window to kitchen	Casement 2436	2'-4"	3'-6"	3'-6"	7'-0"	Interior window to the screened porch
W13	Porch E window to TV Room	Picture 4050	4'-0"	5'-0"	2'-0"	7'-0"	Interior window to the screened porch
W14	Workshop window S	Sliding 5030	5'-0"	3'-0"	4'-0"	7'-0"	
W15	Pantry window W	Awning 3020	3'-0"	2'-0"	5'-0"	7'-0"	
W16	Pantry window E	Awning 3020	3'-0"	2'-0"	5'-0"	7'-0"	
W17	Kitchen window (over sink)	Sliding 5030	5'-0"	3'-0"	4'-0"	7'-0"	
W18	TV Room window	Picture 4050	4'-0"	5'-0"	2'-0"	7'-0"	
W19	Master Room window	(2) Casement 2850	5'-4"	5'-0"	2'-0"	7'-0"	Egress, >= 5.7 sf net / 24" h / 20" w per sash, sill 2'-0" (R310.2)
W20	Master Room clerestory (fixed)	Picture 3020	3'-0"	2'-0"	10'-0"	12'-0"	Fixed, in the gable end over the window below
W21	Loft — Bedroom 4 clerestory (fixed)	Picture 3020	3'-0"	2'-0"	7'-11"	9'-11"	Fixed, in the gable end over the window below
W22	Loft — Bedroom 4 window (egress)	Casement 2850	2'-8"	5'-0"	2'-0"	7'-0"	Egress, >= 5.7 sf net / 24" h / 20" w, sill 2'-0" (R310.2)
W23	Loft — Jack and Jill bath window	Sliding 3030	3'-0"	3'-0"	3'-6"	6'-6"	
W24	Loft — Bedroom 3 window (egress)	Casement 2850	2'-8"	5'-0"	2'-0"	7'-0"	Egress, >= 5.7 sf net / 24" h / 20" w, sill 2'-0" (R310.2)
W25	Loft — Coffee bar clerestory (fixed)	Picture 3020	3'-0"	2'-0"	7'-11"	9'-11"	Fixed, in the gable end over the window below
W26	Loft — Coffee bar dormer window	Casement 2850	2'-8"	5'-0"	2'-0"	7'-0"	Loft, in the garage cross gable end
W27	Basement — Future expansion egress window (well)	Casement 2640	2'-6"	4'-0"	3'-6"	7'-6"	Egress, >= 5.0 sf net / 24" h / 20" w, sill 3'-6" (R310.2); well >= 9 sf, 36" projection, ladder (4'-0" deep > 44"), drained (R310.2.3)
W28	Basement — Gym egress window (well)	Casement 2640	2'-6"	4'-0"	3'-6"	7'-6"	Egress, >= 5.0 sf net / 24" h / 20" w, sill 3'-6" (R310.2); well >= 9 sf, 36" projection, ladder (4'-0" deep > 44"), drained (R310.2.3)
W29	Basement — Rec room egress window (well)	Casement 2640	2'-6"	4'-0"	3'-6"	7'-6"	Egress, >= 5.0 sf net / 24" h / 20" w, sill 3'-6" (R310.2); well >= 9 sf, 36" projection, ladder (4'-0" deep > 44"), drained (R310.2.3)

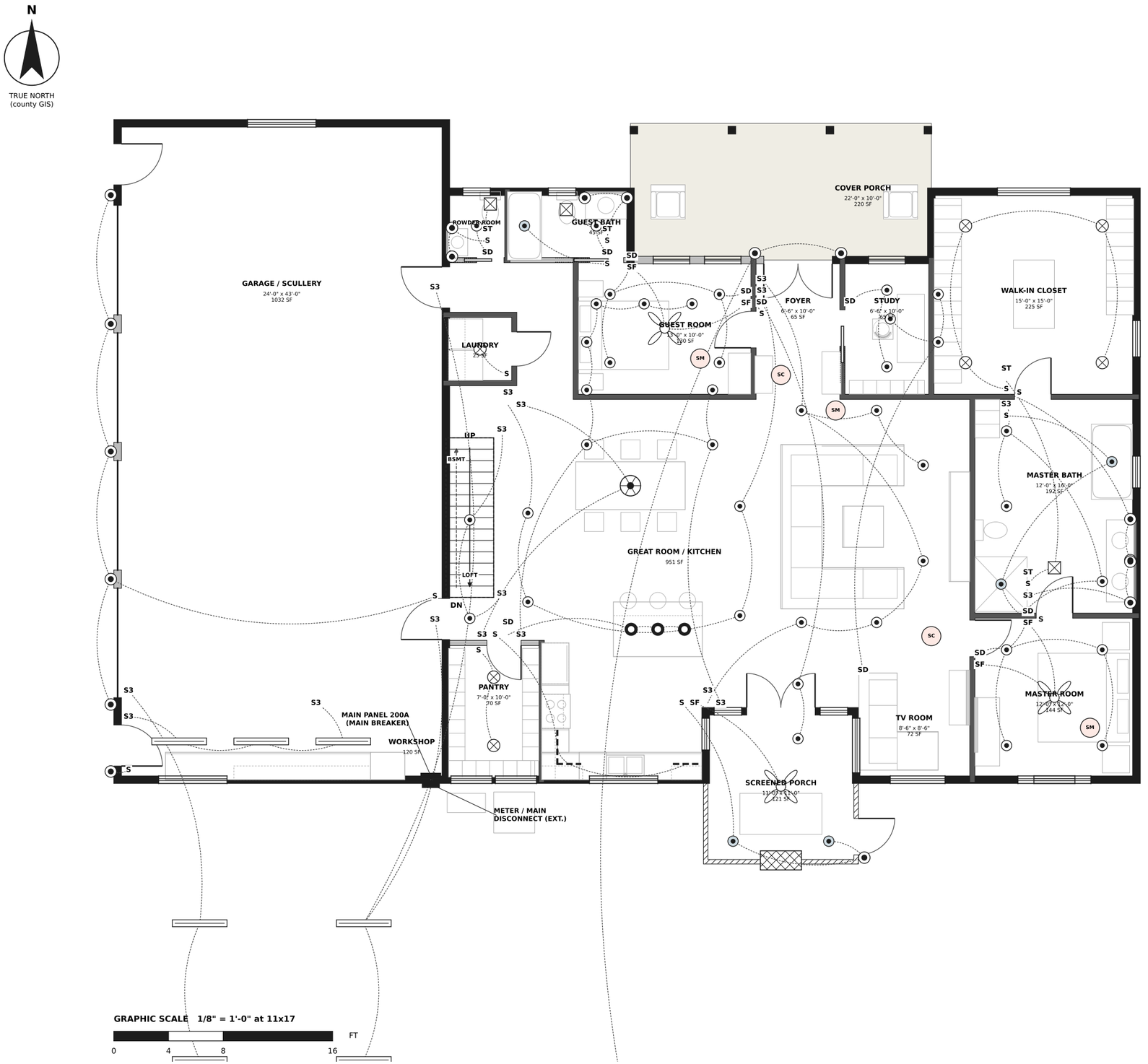
SCHEDULE NOTES

1. Marks match A-102 (basement), A-103 (main floor) and A-104 (loft). Sizes and heights are read from the model (nominal openings); loft and basement sills and heads are above their own floors.
2. Door and window locations follow Project KL Rev 5, which is not to scale; final sizes depend on the manufacturer and the structure.
3. Doors 6'-8" high; window heads at 7'-0" (2'-0" sill at the 5'-0" casements; higher sills in baths, the pantry and the garage); basement egress heads at 7'-6".
4. Windows: basis of design PELLA, standard sizes only (pella.com standard-window-sizes; code WWHH = width x height in feet-inches, e.g. 2850 = 2'-8" x 5'-0"). Sizes are nominal unit sizes: confirm the series, rough openings and each egress unit's net clear opening with Pella before ordering.
5. Sleeping-room escape openings, safety glazing near doors, tubs and showers, and garage fire separation: verify with the Indiana Residential Code / AHJ.
6. Existing doors and windows are not scheduled (not yet surveyed).
7. Windows and glazed doors: black-clad exterior, simulated divided lites - 7/8" black SDL bars both faces with spacer bars, lites about 12" x 16" (owners' reference, 11/8; see A-201); U <= 0.35 (G-002).

PASCHKE RESIDENCE
2527 W 159th St · Westfield, Indiana
Renovation & addition — PRELIMINARY, NOT FOR CONSTRUCTION
WINDOW SCHEDULE

Scale: None
From paschke.ifc · Nov 10, 2026
Drawn by: D. Larimore (Daring Designs)

A-602



LIGHTING LEGEND

- Recessed LED can, 4" round (2700K, 90+ CRI); vaults: note 5
- Recessed can, wet-location rated (showers, tubs, porches)
- Surface LED fixture (closets, pantry, laundry, storage)
- Ceiling fan with light kit (separate fan / light control)
- Pendant
- Chandelier
- Wall sconce (vanities at 5'-6", exterior at 6'-6" AFF)
- 4' LED strip / wrap fixture (garage, workshop)
- Under-cabinet LED tape
- Exhaust fan (humidity-sensing, see the plans)

SWITCHES

S	Single-pole switch, 48" AFF
S3	3-way switch
SD	Dimmer
SF	Fan speed control
ST	Timer switch (exhaust fans) or humidity control
	Switch leg (switch to fixtures)
	Main panel / meter / subpanel

LIFE SAFETY

SM	Smoke alarm, hard-wired + battery, interconnected (R314)
SC	Combination smoke / CO alarm (R314, R315)

NOTES

1. Service: meter + main disconnect outside the workshop's rear wall; 200 A main panel back to back inside, 30" x 36" clear (NEC 110.26, 240.24); basement subpanel. Confirm with the utility and the load calc.
2. Layout derived from the model: switches 48" AFF on the latch side of each door; 3-way where a room or area has two entries. Dimmers on cans / pendants; bedrooms: fan control + dimmed cans.
3. Smoke alarms in each bedroom, the living area, each level and at the basement stair (R314.3); CO outside each sleeping area (R315.3). Hard-wired + battery, interconnected (R314.4, R314.6); G-002.
4. AFCI / GFCI, receptacles and circuits per the NEC as adopted in Indiana, by the electrician. PRELIMINARY.
5. Vaulted ceilings: round integrated-LED sloped downlights, IC / airtight, L70 >= 50,000 h, 10-yr residential warranty (basis: Lotus LD4R / LRG6 or equal; verify).

PASCHKE RESIDENCE

2527 W 159th St · Westfield, Indiana

Renovation & addition — PRELIMINARY, NOT FOR CONSTRUCTION

MAIN FLOOR LIGHTING & SWITCHING PLAN

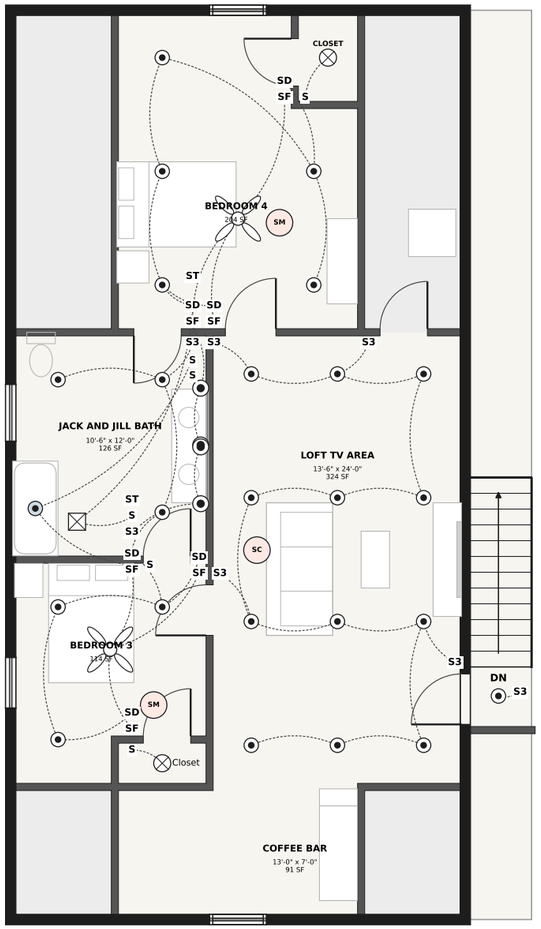
Scale: 1/8" = 1'-0" (11x17)

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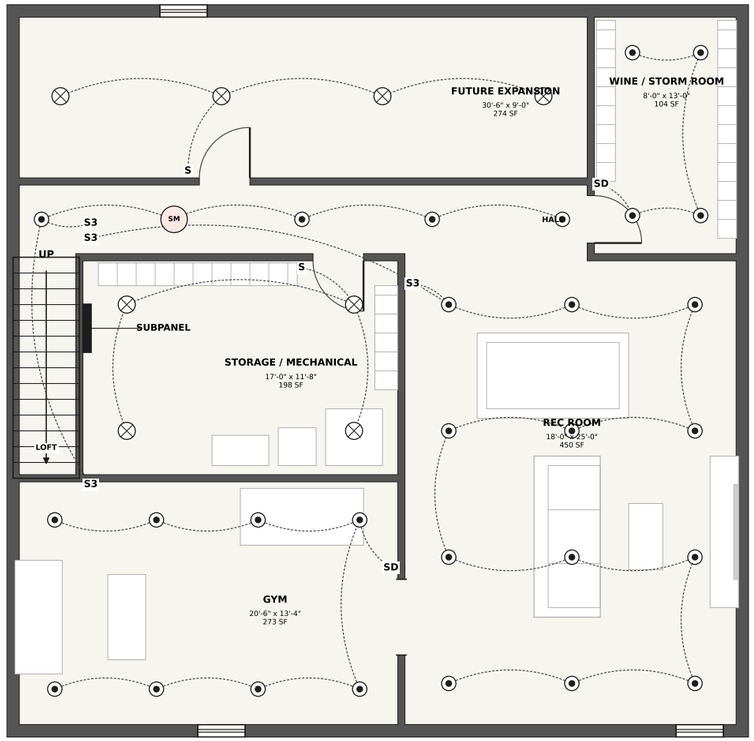
Drawn by: D. Larimore (Daring Designs)

E-101

LOFT



BASEMENT



GRAPHIC SCALE 1/8" = 1'-0" at 11x17

0 4 8 16 FT

LIGHTING LEGEND

- Recessed LED can, 4" round (2700K, 90+ CRI); vaults: note 5
- Recessed can, wet-location rated (showers, tubs, porches)
- Surface LED fixture (closets, pantry, laundry, storage)
- Ceiling fan with light kit (separate fan / light control)
- Pendant
- Chandelier
- Wall sconce (vanities at 5'-6", exterior at 6'-6" AFF)
- 4' LED strip / wrap fixture (garage, workshop)
- Under-cabinet LED tape
- Exhaust fan (humidity-sensing, see the plans)

SWITCHES

S	Single-pole switch, 48" AFF
S3	3-way switch
SD	Dimmer
SF	Fan speed control
ST	Timer switch (exhaust fans) or humidity control
	Switch leg (switch to fixtures)
	Main panel / meter / subpanel

LIFE SAFETY

SM	Smoke alarm, hard-wired + battery, interconnected (R314)
SC	Combination smoke / CO alarm (R314, R315)

NOTES

1. Loft: 3-way at the stair (main floor foot / loft landing); bedrooms on fan / light controls; jack and jill bath sconces, wet-location can over the shower and a timer / humidity control on the fan. Attic spaces: a keyless light at each access, switched at the door (not shown).
2. Basement: the rec room and hall are 3-way between the stair foot and the gym opening; storage / mechanical gets surface fixtures (light at the furnace, IRC M1305 service light).
3. See E-101 for the service, switch heights and code notes.

PASCHKE RESIDENCE

2527 W 159th St · Westfield, Indiana

Renovation & addition — PRELIMINARY, NOT FOR CONSTRUCTION

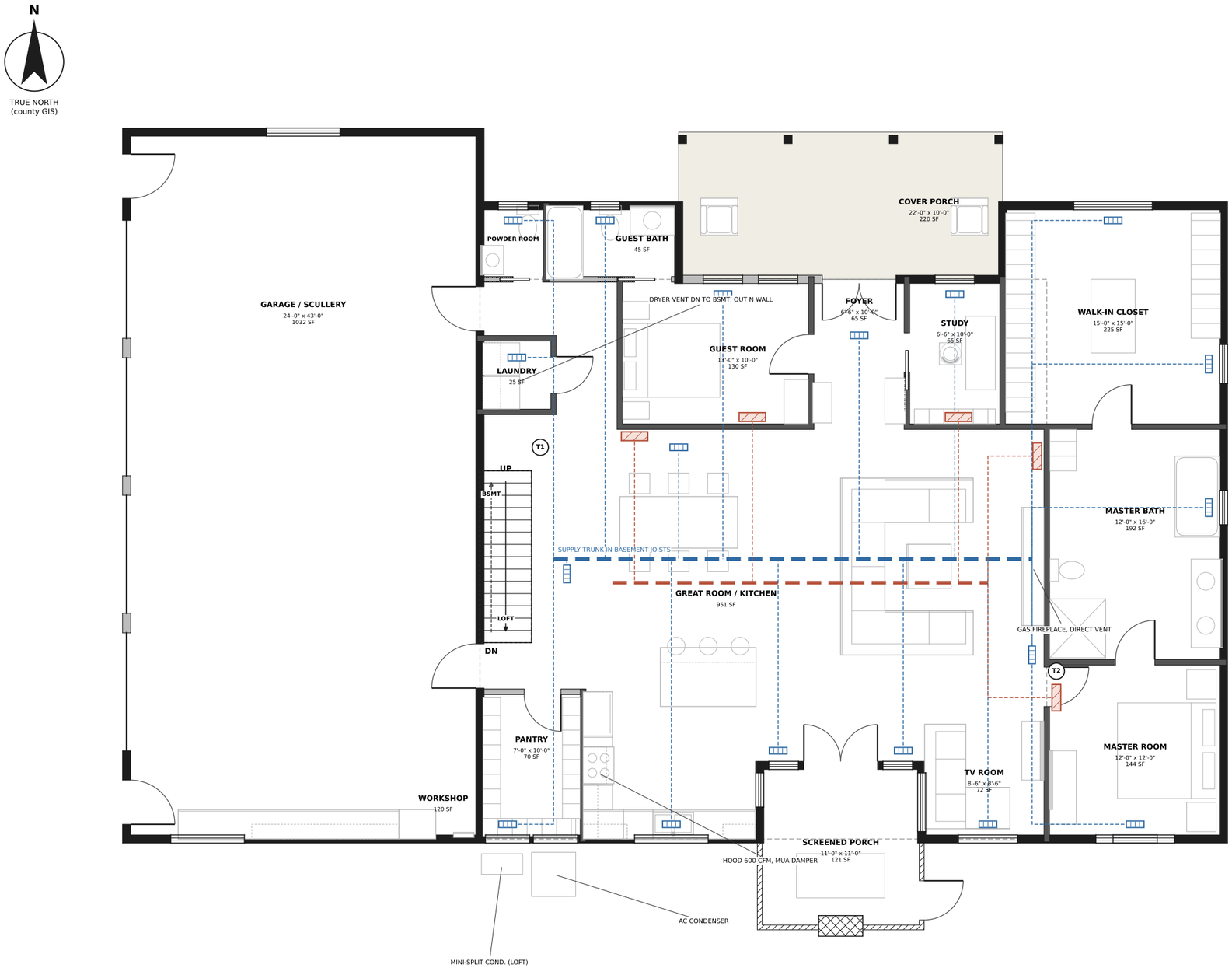
LOFT & BASEMENT LIGHTING & SWITCHING PLANS

Scale: 1/8" = 1'-0" (11x17)

From paschke.ifc · Nov 10, 2026

Drawn by: D. Larimore (Daring Designs)

E-102



LEGEND

- Supply register (floor, 4" x 12") / ceiling diffuser (basement, loft)
- Return grille
- Supply trunk / branch (in the basement joists or the conditioned crawl)
- Return trunk / branch
- (T) Thermostat (zone)

HVAC NOTES

1. System (PRELIM): 96% AFUE two-stage sealed-combustion gas furnace + cased AC coil (about 3 tons) in the basement mechanical room, condenser on a pad off the pantry wall (locking refrigerant caps M1411.8, suction line R-4 M1411.6). Sizes by Manual J / S (M1401.3, N1103.7), ducts by Manual D - HVAC contractor.
2. Zones: T1 great room / kitchen / TV room / foyer / study / guest suite; T2 owner's suite; T3 basement (M-102); loft on its own ducted mini-split (M-102). Zone dampers at the trunk.
3. Floor registers under the windows (the vaulted great room and master need no ceiling ducts); rooms outside the basement (master wing, front bump-outs) are fed through a sealed, insulated, conditioned crawl space (R408.3) - ducts inside the thermal envelope (N1103.3.1 exception).
4. Ducts sealed (N1103.3.2) and pressure tested, <= 4 cfm per 100 sf (N1103.3.3, N1103.3.4); insulated R-8 in attics, R-6 elsewhere outside the envelope, none needed inside it (N1103.3.1). No framing cavities as ducts (N1103.3.5).
5. Range hood 600 CFM: makeup air is required only with a non-direct-vent fuel appliance inside the air barrier (M1503.6) - every appliance here is sealed combustion, but a motorized makeup-air damper interlocked with the hood is recommended in a tight house.
6. Gas fireplace: direct-vent, vented vertically through the vault (listing). Dryer: rigid 4" duct down to the basement and out the north foundation wall, 35' max. less fittings (M1502.4.5.1).
7. Returns in living rooms and bedrooms only - never from the kitchen, baths, closets or the mechanical room (M1602.2 item 4); return flow from a room not above its supply (item 2). Bath fans ducted outdoors (M1505.2).
8. No supply or return in the garage / workshop (M1601.6; R302.5.2 for ducts through its walls). Ducts per SMACNA / NAIMA joints and seams (M1601.4.1).
9. PRELIMINARY — equipment, duct sizes and register counts by the HVAC contractor.

GRAPHIC SCALE 1/8" = 1'-0" at 11x17

0 4 8 16 FT

PASCHKE RESIDENCE

2527 W 159th St · Westfield, Indiana

Renovation & addition — PRELIMINARY, NOT FOR CONSTRUCTION

MAIN FLOOR HVAC PLAN

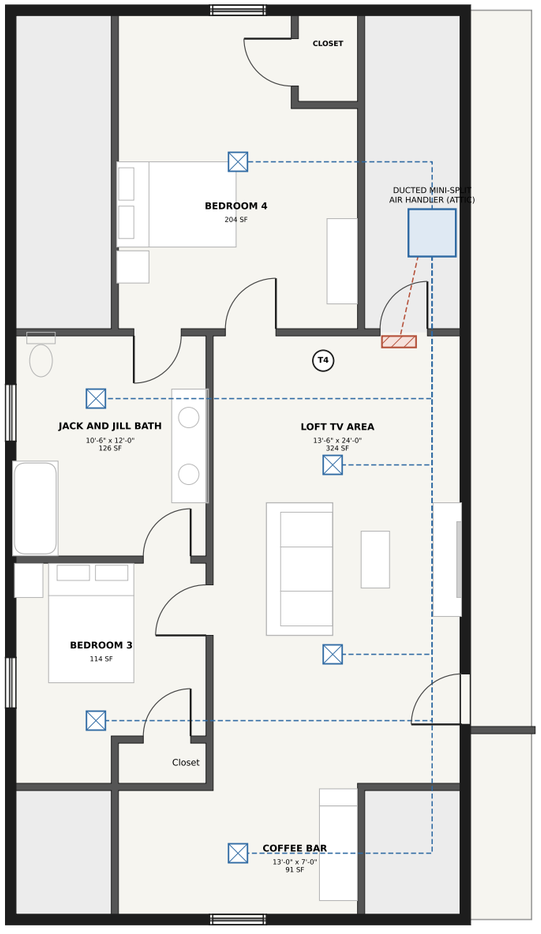
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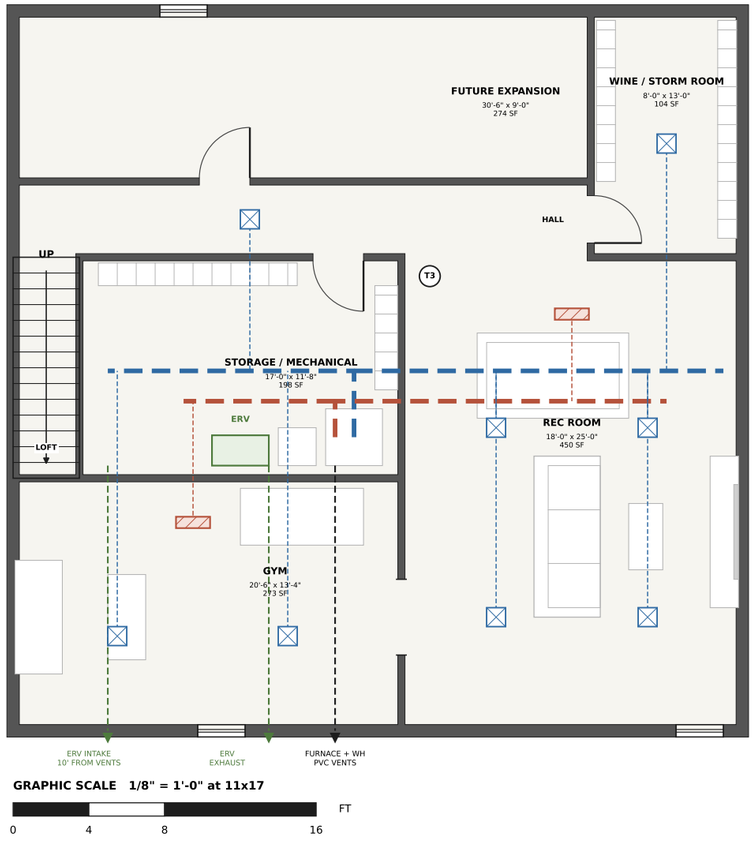
Drawn by: D. Larimore (Daring Designs)

M-101

LOFT



BASEMENT



GRAPHIC SCALE 1/8" = 1'-0" at 11x17

0 4 8 16 FT

LEGEND

- Supply register (floor, 4" x 12") / ceiling diffuser (basement, loft)
- Return grille
- Supply trunk / branch (in the basement joists or the conditioned crawl)
- Return trunk / branch
- (T) Thermostat (zone)

HVAC NOTES

1. Basement: furnace + coil, water heater and ERV in the storage / mechanical room (sealed return plenum - no return opening in that room, M1602.2); supply and return trunks in the main-floor joists (they also feed M-101); ceiling diffusers, T3 zone. Future expansion gets a capped stub. Coil condensate to the sump / floor drain (M1411.3).
2. Sealed-combustion furnace and water heater vented in PVC out the south foundation wall per their listings; terminations clear of the window wells, 12" above grade and snow.
3. Whole-house ventilation (M1505.4): ERV, continuous. About 4000 sf conditioned, 4 bedrooms -> 105 CFM (Table M1505.4.3(1)); manual override (M1505.4.2). Required where the house tests <= 5 ACH50 (N1102.4.1.2, Indiana). Intake 10' from vents and exhausts (R303.5.1).
4. Loft: ducted mini-split (Patrick's note) with its air handler in the north attic behind the kneewall access door (2'-6" x 4'-6" >= the 22" x 30" opening, a 30" x 30" level service space at the unit, M1305.1.2), auxiliary drain pan under it (M1411.3.1 - an overflow there would damage the ceiling), ceiling diffusers in each room, return in the TV area, T4; condenser beside the AC (M-101). Ducts in the attic R-8 and sealed (N1103.3.1) - or bring that attic inside the air barrier.
5. Jack and jill bath: 110 CFM fan on a humidity sensor, ducted outdoors (M1505.2); electric toe-kick heater optional.
6. PRELIMINARY — Manual J / S / D by the HVAC contractor (N1103.7, M1401.3).

PASCHKE RESIDENCE

2527 W 159th St · Westfield, Indiana

Renovation & addition — PRELIMINARY, NOT FOR CONSTRUCTION

BASEMENT & LOFT HVAC PLANS

Scale: 1/8" = 1'-0" (11x17)

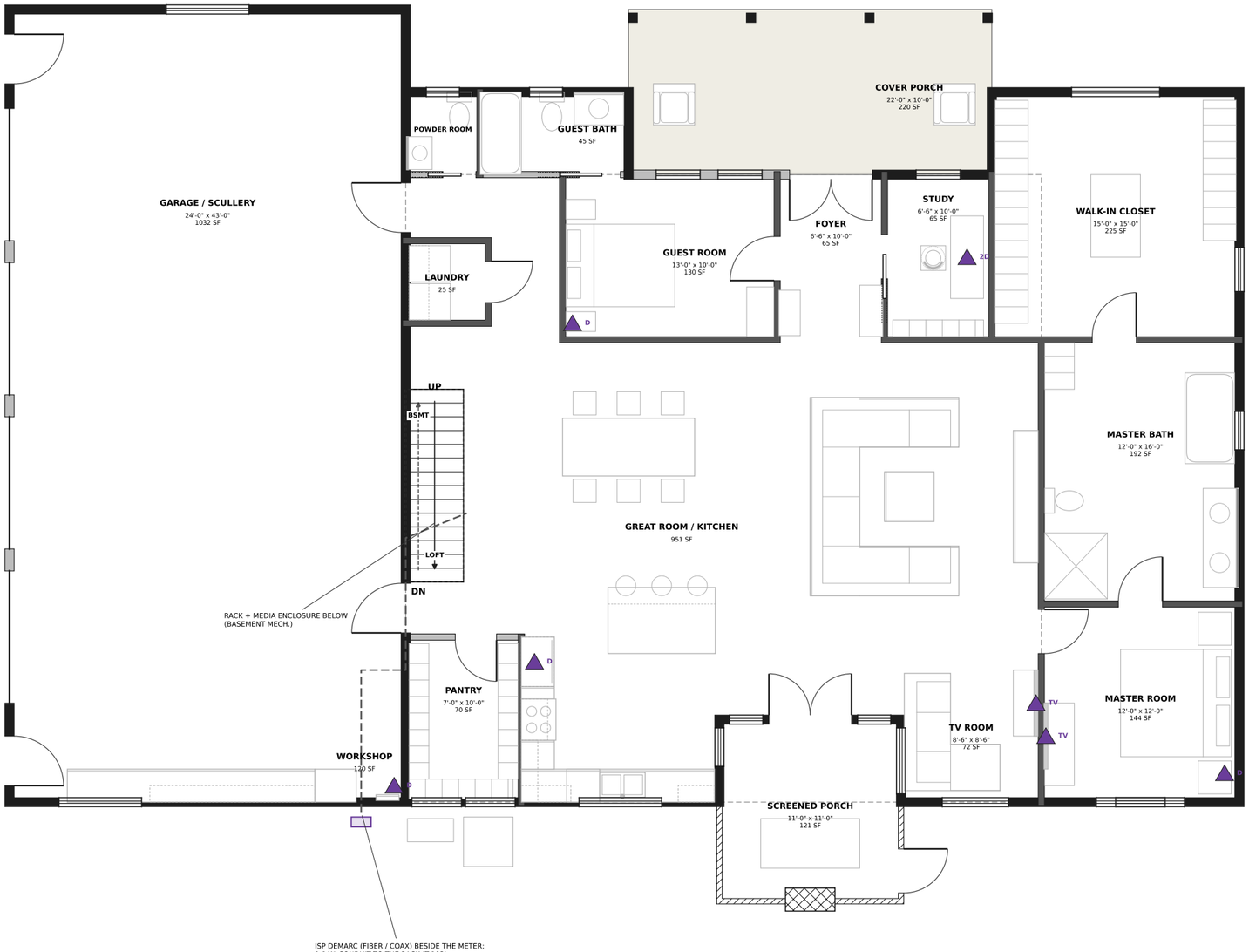
From paschke.ifc · Nov 10, 2026

Drawn by: D. Larimore (Daring Designs)

M-102

N

TRUE NORTH
(county GIS)



LEGEND

- Ethernet outlet: D = 1 Cat6A, 2D = 2, TV = 2 + RG6
- Conduit: ISP service (1-1/4" + pull string) / riser to the loft (1-1/2")
- Network rack + structured media enclosure (MDF)

NETWORK NOTES

1. Star topology: every outlet is a Cat6A home run (no daisy chains, no splices) to the patch panel in the basement rack (T-102). Plenum / CMR rated per location; 25' service loop at the rack, 12" at each outlet. Label both ends; test and certify every run (TIA-568.2-D, Cat6A permanent link).
2. Service: ISP fiber or coax at a demarc beside the utility meter; 1-1/4" conduit with pull string from there to the rack, plus a spare 1-1/4" for a second provider. Ground the demarc to the service grounding electrode (NEC 800.100 / 820.100).
3. Wi-Fi is the owner's choice of mesh / access points, not specified here; the Ethernet outlets and the rack give it wired backhaul anywhere; the kitchen outlet is inside the cabinet over the refrigerator.
4. TV locations: 2 Cat6A + RG6 to the TV, and a 2" conduit from the TV down to the media console for HDMI / future cables. The great room fireplace wall has no TV (owner's choice) - a capped drop is provided.
5. Low-voltage cabling in its own bored holes, 12" from line-voltage runs where parallel, crossing at 90 deg. Through fire-rated assemblies (garage walls / ceiling) firestop listed for the penetration (R302.4).
6. PRELIMINARY - drop counts, equipment and ISP by the owner and the low-voltage contractor.

GRAPHIC SCALE 1/8" = 1'-0" at 11x17

0 4 8 16 FT

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MAIN FLOOR NETWORK & LOW-VOLTAGE PLAN

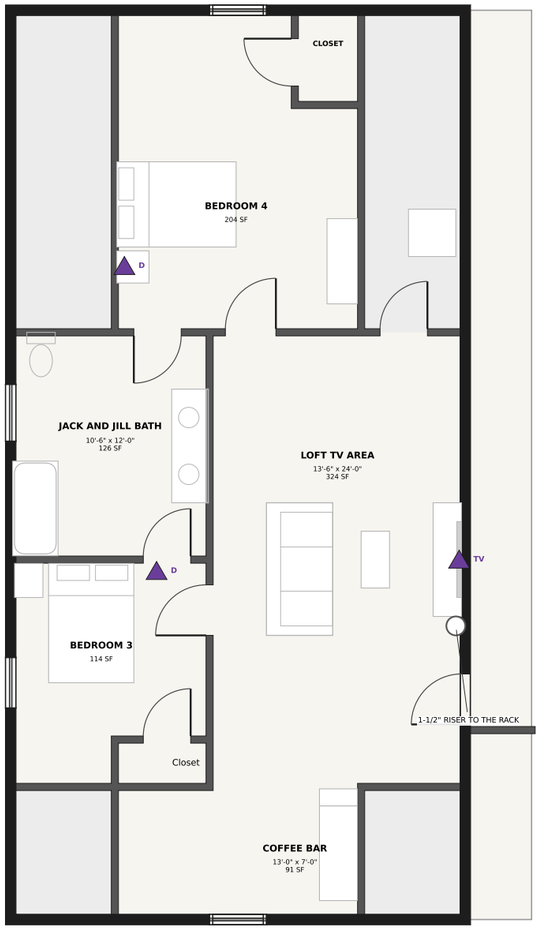
Scale: 1/8" = 1'-0" (11x17)

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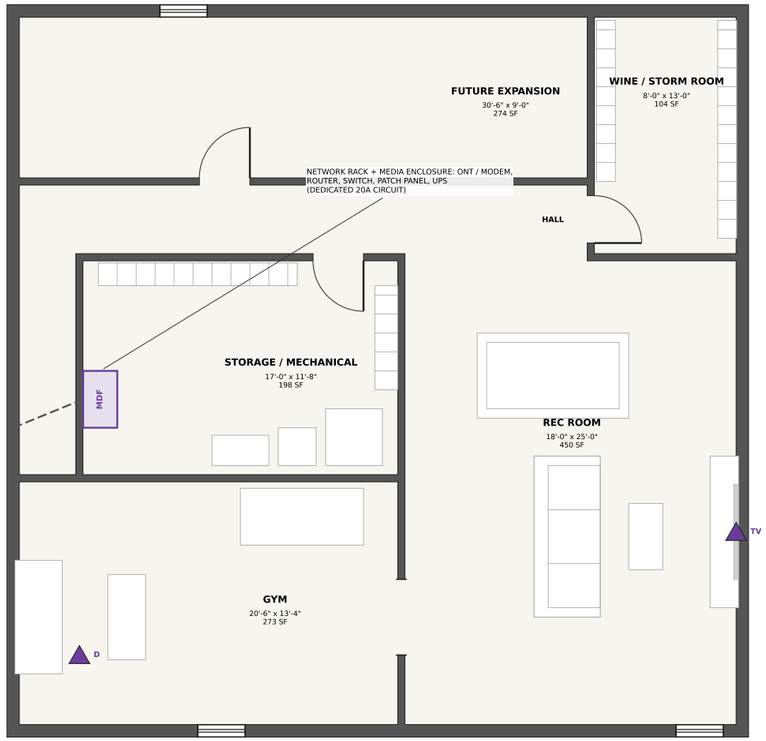
Drawn by: D. Larimore (Daring Designs)

T-101

LOFT



BASEMENT



GRAPHIC SCALE 1/8" = 1'-0" at 11x17

0 4 8 16 FT

LEGEND

- Ethernet outlet: D = 1 Cat6A, 2D = 2, TV = 2 + RG6
- Conduit: ISP service (1-1/4" + pull string) / riser to the loft (1-1/2")
- Network rack + structured media enclosure (MDF)

NETWORK NOTES

1. Rack (MDF) on the mechanical room's west wall beside the subpanel: 12U wall cabinet or 2-post rack, ISP ONT / modem, router / firewall, switch, Cat6A patch panel, UPS; dedicated 20A circuit and a grounding bar bonded to the service ground. Keep it out of the furnace's service clearance.
2. Loft: home runs down a 1-1/2" riser conduit in the garage wall to the rack (plus a spare).
3. Basement: TV outlet at the rec room media wall, an outlet in the gym; capped stub for the future expansion.
4. PRELIMINARY - by the owner and the low-voltage contractor.

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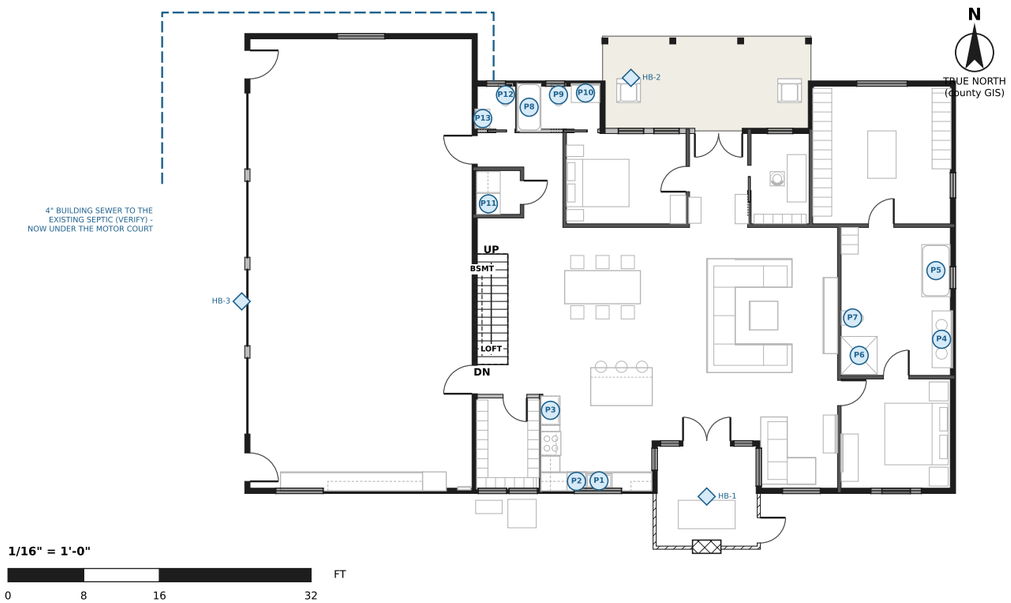
BASEMENT & LOFT NETWORK PLANS

Scale: 1/8" = 1'-0" (11x17)

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T-102



PLUMBING FIXTURE SCHEDULE

TAG	FIXTURE	LEVEL - ROOM	SPEC (PROPOSED)	ROUGH-IN	DFU	CODE
P1	Kitchen sink	Main - Kitchen	33" fireclay apron front (F7), black faucet, disposer optional	Drain 16"-18" AFF	2	P2717.2
P2	Dishwasher	Main - Kitchen	24" panel-ready; air gap or listed backflow device, drain high-looped to the counter	Supply + drain from the sink base	2	P2717.1-.2
P3	Ice maker / water	Main - Kitchen	1/4" line in a recessed valve box behind the fridge	Box 6" AFF	-	P2722.1
P4	Lavatories (2)	Main - Master Bath	Undermount vitreous, 1.2 gpm widespread faucets	Drains 18" AFF, supplies 21" AFF	2	P2705.1 #5
P5	Freestanding tub	Main - Master Bath	Acrylic / cast-resin oval, floor-mount filler with a 120 F limiting valve	Filler + 1-1/2" drain per the tub	2	P2713.3
P6	Shower	Main - Master Bath	Tiled pan + liner, 2" drain, pressure-balance / thermostatic valve 120 F, 1.8 gpm	Valve 48" AFF, head 80"	2	P2708.1-.4, P2709
P7	Water closet	Main - Master Bath	Elongated, 1.28 gpf WaterSense, comfort height	12" from the finished wall; supply 8" AFF	3	P2705.1 #5
P8	Tub / shower	Main - Guest Bath	Alcove tub, tub/shower valve with a 120 F limit stop, 1.8 gpm head	Valve 28" AFF, head 80"	2	P2708.4, P2713.3
P9	Water closet	Main - Guest Bath	Elongated, 1.28 gpf WaterSense, comfort height	12" from the finished wall; supply 8" AFF	3	P2705.1 #5
P10	Lavatory	Main - Guest Bath	Undermount vitreous, 1.2 gpm faucet	Drain 18" AFF, supplies 21" AFF	1	P2705.1 #5
P11	Clothes washer	Main - Laundry	Recessed outlet box, 2" standpipe through an air break, drain pan	Box 42" AFF	2	P2706.1.2, P2718.1
P12	Water closet	Main - Powder Room	Elongated, 1.28 gpf WaterSense, comfort height	12" from the finished wall; supply 8" AFF	3	P2705.1 #5
P13	Lavatory	Main - Powder Room	Undermount vitreous, 1.2 gpm faucet	Drain 18" AFF, supplies 21" AFF	1	P2705.1 #5
P14	Bar sink	Loft - Coffee Bar	15" stainless bar sink, 1.5 gpm faucet (optional)	Drain 16" AFF	1	P2705.1
P15	Lavatories (2)	Loft - Jack And Jill Bath	Undermount vitreous, 1.2 gpm widespread faucets	Drains 18" AFF, supplies 21" AFF	2	P2705.1 #5
P16	Tub / shower	Loft - Jack And Jill Bath	Alcove tub, tub/shower valve with a 120 F limit stop, 1.8 gpm head	Valve 28" AFF, head 80"	2	P2708.4, P2713.3
P17	Water closet	Loft - Jack And Jill Bath	Elongated, 1.28 gpf WaterSense, comfort height	12" from the finished wall; supply 8" AFF	3	P2705.1 #5
P18	Water heater WH-1	Basement - Storage / Mechanical	50-65 gal heat-pump (240 V) or power-vent gas; T&P to a drain, expansion tank, pan	Basement mechanical, 24" service clear	-	Ch. 28 (verify)
FD-1	Floor drain	Basement - Mechanical	3" with trap primer (or deep-seal trap)	Slab, low point (A-106 B1)	2	verify Ch. 30
SP-1	Sump pump	Basement - Mechanical	1/3 hp, check valve, sealed lid; to an emitter (C-102)	Pit 18" x 24"	-	R405.1
HB-1..3	Hose bibbs (3)	Exterior - N, S, garage W	Frost-free, integral vacuum breaker	24" AFF	-	P2722.3
			Total drainage fixture units (approx., Table P3004.1 - verify)		35	

PLUMBING NOTES

1. SEPTIC: the house is on an existing septic system (cleanout west of the old bedroom 2 - with the garage on the west it lies about 10' in front of the overhead doors, UNDER THE MOTOR COURT: traffic-rated lids and no paving over the tank / field without approval, or relocate). The addition takes the house from 2 to 4 bedrooms - the Hamilton County Health Department must review the tank and field before permit; locate both before grading (C-102).
2. WATER: confirm city service on W 159th St vs a private well; main shut-off + pressure-reducing valve where the service enters the basement mechanical room; thermal expansion tank at WH-1 (verify Ch. 29).
3. Distribution: PEX home-run manifold in the basement mechanical room, 1/2" to each fixture (3/4" to the tubs); every fixture on a stop; nothing in exterior walls or the unheated garage.
4. WH-1: T&P relief full size to a floor drain or the exterior per the AHJ, drain pan with a leak sensor, 120 F at the fixtures (Ch. 28 - verify).
5. DWV: PVC Schedule 40; wet walls at the master bath, guest bath / powder and the loft jack and jill stack; cleanouts at the base of each stack and where the building sewer leaves the house; vents through the roof on the south slopes (out of sight from the front).
6. Showers / tubs: valve limits 120 F (P2708.4, P2713.3); floors and liners per A-106 (P2709).
7. Clearances per P2705.1 item 5 - checked on G-002 (powder room and guest bath fixed with pocket doors).
8. Loft jack and jill drains drop through the garage-side wall to the basement; garage ceiling penetrations sealed to keep the 5/8" Type X separation (R302.5.3).

PASCHKE RESIDENCE

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PLUMBING PLAN & SCHEDULES

Scale: 1/16" = 1'-0" (11x17)

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