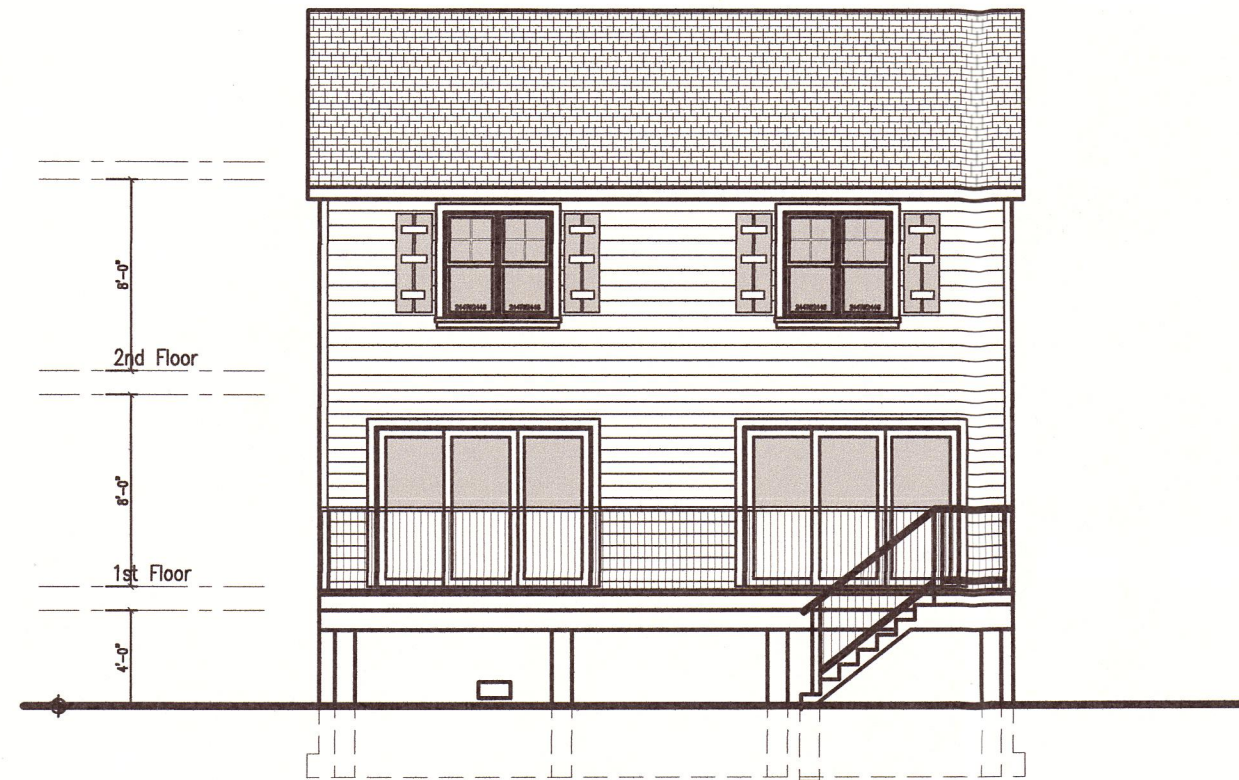


PROPOSED RIGHT SIDE BUILDING ELEVATION

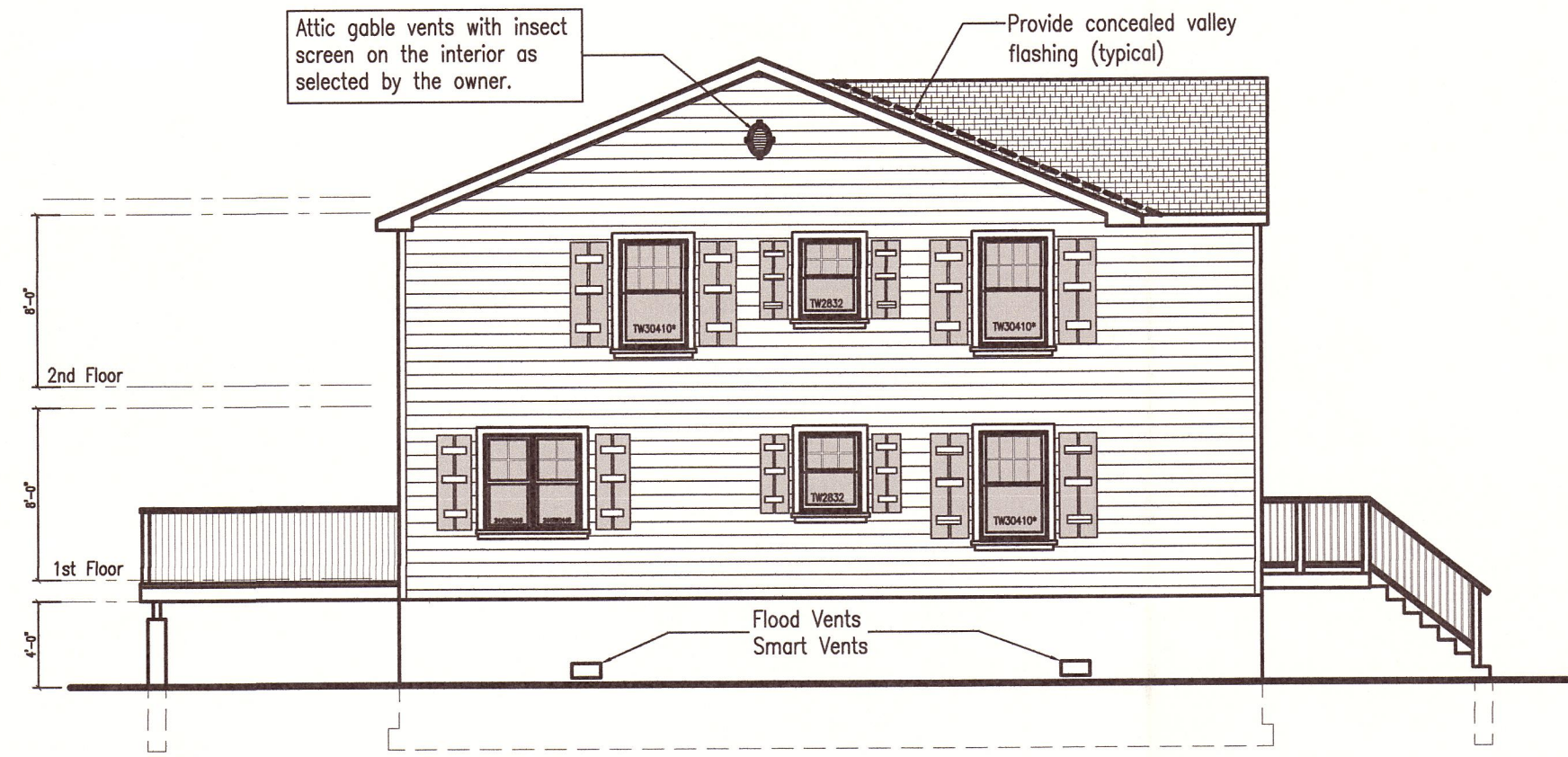
Scale: 1/8" = 1'-0"

NOTE: ALL WOOD SUPPORTS FOR STAIRS, DECKS ARE TREATED LUMBER, FOOTINGS ARE CONCRETE AND FOUNDATION WALLS ARE MASONRY.



PROPOSED REAR BUILDING ELEVATION

Scale: 1/8" = 1'-0"



PROPOSED LEFT SIDE BUILDING ELEVATION

Scale: 1/8" = 1'-0"

Electrical Legend

| | | | |
|------|---------------------------------------|------|---|
| C | Carbon Monoxide Detector | H.F. | Hung Fixture |
| C.M. | Ceiling Mounted | R | Recessed Lighting Fixture |
| D | Dimmer Switch | S | Smoke Detector |
| E.F. | Exhaust Fan | W.M. | Wall Mounted Fixture |
| GFI | Ground Fault Interrupt Receptacle | W.P. | Water Proof Fixture |
| ⊕ | 20 amp duplex receptacle | ⊕ | dedicated 20 amp duplex receptacle circuit |
| ⊕ | 20 amp ground/fault duplex receptacle | ⊕ | fluorescent down lights |
| ⊕ | single switch | ⊕ | surface mounted fluorescent light, Exterior |
| ⊕ | 3 way switch | ⊕ | lights shall be water resistant |
| ⊕ | ceiling fan | ⊕ | surface mounted fluorescent light |
| ⊕ | new recessed fluorescent | ⊕ | exhaust fan |
| ⊕ | 2-lamp fixture with lens | ⊕ | light junction box |
| ⊕ | | ⊕ | smoke detector: NFPA 72, UL 217 |
| ⊕ | | ⊕ | carbon monoxide alarm: UL 2034 |

**** See Typical Sheet for Electrical Requirements & Location Placements ****

All fixtures are to be selected by Owner. Verify with Owner of any variations.

Electrical Note: Where applicable, Provide energy efficient fixtures such as, but not limited to: Lighting fixtures, Light Bulbs, Appliances & Etc. (Fluorescent or L.E.D.)

International Residential Code 2009, Low-Voltage Edition

R314.1 Smoke detection and notification. All smoke alarms shall be listed in accordance with UL 217 and installed in accordance with the provisions of this code and the household fire warning equipment provisions of NFPA 72.

R314.3 Location. Smoke alarms shall be installed in the following locations:

1. In each sleeping room.

2. Outside each separate sleeping area in the immediate vicinity of the bedrooms.

3. On each additional story of the dwelling, including basements and habitable attics but not including crawl spaces and uninhabitable attics. In dwellings or dwelling units with split levels and without an intervening door between the adjacent levels, a smoke alarm installed on the upper level shall suffice for the adjacent lower level provided that the lower level is less than one full story below the upper level.

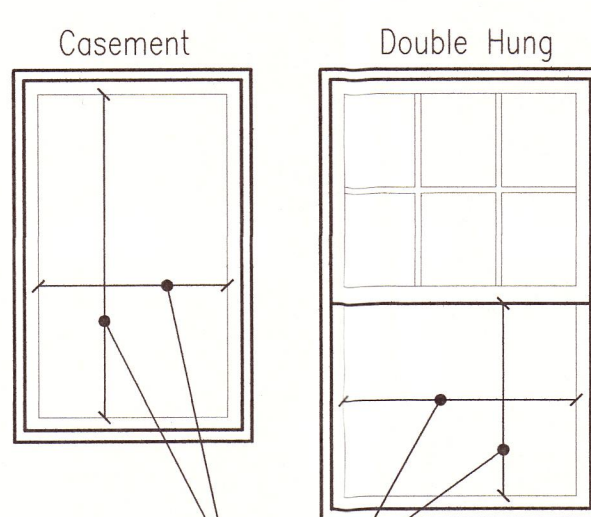
When more than one smoke alarm is required to be installed within an individual dwelling unit the alarm devices shall be interconnected in such a manner that the activation of one alarm will activate all of the alarms in the individual unit.

R315.1 Carbon monoxide alarms. For new construction, an approved carbon monoxide alarm shall be installed outside of each separate sleeping area in the immediate vicinity of the bedrooms in dwelling units within which fuel-fired appliances are installed and in dwelling units that have attached garages.

R315.2 Where required in existing dwellings. Where work requiring a permit occurs in existing dwellings that have attached garages or in existing dwellings within which fuel-fired appliances exist, carbon monoxide alarms shall be provided in accordance with Section R315.1.

Window Exit Requirements

Emergency escape & rescue openings



Every Bedroom shall have at least one operable emergency & rescue opening.

Minimum Requirements:

- 2nd floor openings or higher floors.
- Net minimum clear opening of 5.7 Sq.Ft.
- Grade floor openings
- Minimum net clear openings of 5.0 Sq.Ft.
- All windows shall meet the following:
 - Sill height shall not be higher than 44" above A.F.F.
 - Minimum net clear opening height shall be 24"
 - Minimum net clear opening width shall be 20"

Window - safety glass requirements

- Any glazing that is below 18" A.F.F. shall have safety glass. (Unless described below for wet areas & stairs)
- Glazing for hot tubs, whirlpools, saunas, steam rooms, bathtubs & showers where the bottom exposed edge of the glazing is less than 60 inches above the standing surface shall have safety glass.
- Glazing adjacent to stairways, landing, & ramps within 36" horizontally of a walking surface; when the exposed surface of the glass is less than 60 inches above the plane of the adjacent walking surface.
- Glazing adjacent to stairways within 60 inches horizontally of the bottom tread of a stairway in any direction when the exposed surface of the glass is less than 60 inches above the nose of the tread.
- Any Glazing that is located less than 72 inches above the finished grade.

Required locations

Receptacles shall be installed so that no point along the floor line in any wall space is more than 6 feet, measured horizontal, from an outlet in that space.

Any space that is 2 feet or more in width.

Countertop Receptacles

Wall counter space: A receptacle outlet shall be installed at each wall counter space 12 inches or wider. Receptacles outlets shall be installed so that no point along the wall line is more than 24 inches, measured horizontally from a receptacle outlet in that space.

Island counter & peninsular spaces: At least one receptacle out shall be installed at each island counter space with a long dimension of 24 inches or greater and a short dimension of 12 inches or greater.

Shall be mounted not more than 18" above countertop & Shall be GFI type receptacle

Appliance outlet: located within 6 feet of usage

Bathroom: minimum of one outlet located with 36" of the outside edge of the lavatory basin and installed on the wall adjacent to the lavatory basin location.

Outdoor: At least one receptacle in the front & back of dwelling mounted at grade level GFI.

Laundry area: At least one receptacle required.

Basements & garages: At least one is required in both location, unless the detached garage has no power.

Hallways: Hallways of min. 10 feet shall have one receptacle

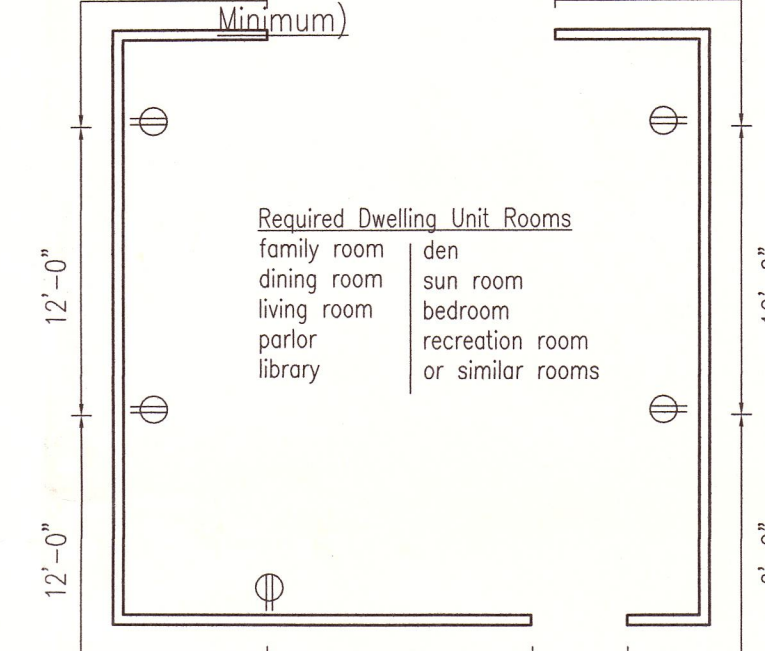
HVAC: A Receptacle outlet shall be installed for the servicing of heating, air-conditioning & refrigeration equipment located in attic and crawl spaces.

Kitchen: see diagrams

Receptacle Outlets

Requirements

Diagram (Typical Minimum)



All exterior window glazing, sliding glass doors, passage doors with glazing shall be as mfg. by Andersen costal products Stormwatch products or equal.
Alternate: Provide wood structural panels with minimum thickness of 1/8" and a maximum span of 8 feet. Panels shall be precut and attached to the framing surrounding the opening containing the product with the glazing opening. Provide no. 8 screw @ 8" oc.

| BUILDING INSULATION | | | |
|---|---|----------|---------------------------|
| LOCATION | CONSTRUCTION | R-VALUE | THICKNESS |
| FIRST & SECOND FLOOR EXTERIOR WALLS | 2 X 4 2 X 6 | 15 19 | 3 1/2" 5 1/2" |
| FLOOR 1ST FLOOR | 11-7/8" | 30 | 9 1/2" Batts |
| ATTIC SPACE OVER CEILING | DOUBLE LAYER OF OVERLAY | 60 | DOUBLE LAYER 9 1/2" Batts |
| ROOF RAFTERS ATTIC STORAGE | 2x10 | 30 | 9 1/2" Batts |
| SOUND DEADENING INSULATION | | | |
| INSTALL IN POWDER ROOM, OPTIONAL AT BEDROOM WALLS | 3 1/2" THICK QUIETZONE ACOUSTICAL BATTS | | |

Wall Legend

5" wall. (2x4 wood studs @ 16"o.c.), 1/2" Exterior grade plywood and 1/2" interior gypsum bd. R-15 Provide fiberglass batts insulation with vapor barrier. (U.O.N.)

4 1/2" wall. (2x4 wood studs @ 16"o.c.), 1/2" interior gypsum bd. ea side. (U.O.N.)

8" CMU (#4 re-bars @ 48"o.c vertical), horizontal galvanized wall-truss reinforcement every other course, 30"wide x 12"deep continuous strip footing w/ 4 #4 continuous and #4 @ 48" oc. short direction. (U.O.N.)

PROPOSED FRONT BUILDING ELEVATION

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

FREEBOARD NOTE:
THERE SHALL BE A MINIMUM OF 12" FREE BOARD ABOVE THE BASE FLOOD ELEVATION (BFE) TYPICAL FOR ALL PROTOTYPES

FLOOD VENT REQUIREMENTS:
ONE FLOOD VENT PER 200 Sq.Ft. FLOOD VENTS ARE REQUIRED FOR CONCRETE FOUNDATION WALLS ONLY



2 12 Aug 2014 Revised wall footing information

Added glazing protection notes.

1 27 May 2014 Issued for permits

0 28 MAR 2014 Issued for Progress Print

No. Date Remarks

Revisions

Michael Kuybida Architect

5 Old Orchard Road
Woodland Park, New Jersey 07424
T 973 345 3500 F 973 345 8588
e-mail mk@mkkaia.com

Michael Kuybida AIA

| | |
|----------------|------------|
| NJ LIC. NO. | AI 07624 |
| NY LIC. NO. | 17932 |
| CONN LIC. NO. | 8840 |
| PA LIC. NO. | RA-01533-B |
| MD LIC. NO. | 10767 |
| VA LIC. NO. | 010682 |
| SC LIC. NO. | 05372 |
| GA LIC. NO. | 9231 |
| FL LIC. NO. | AR 0015996 |
| USVI LIC. NO. | 965A |
| NCARB REG. NO. | 32133 |

Project

New Construction
Trapasso Residence
229 Trenton Avenue
Township of Toms River
Ocean County, New Jersey

Block 980 Lot 21

Drawing Title:
Building Elevations
Electrical Requirements
Schedules

Date: 14 Apr 2014
Scale: as noted
File: SJ40301
Draw: MKA/JK

