HISTORIC AND DESIGN REVIEW COMMISSION

June 17, 2020

HDRC CASE NO:	2020-243
ADDRESS:	245 LOVERA BLVD
LEGAL DESCRIPTION:	NCB 9004 BLK 2 LOT 77 THRU 79
ZONING:	R-4, H
CITY COUNCIL DIST.:	1
DISTRICT:	Olmos Park Terrace Historic District
APPLICANT:	Sergio Yutani/Space and Time Remodeling Inc.
OWNER:	Thuc Tran
TYPE OF WORK:	New construction of a rear accessory structure
APPLICATION RECEIVED:	May 04, 2020
60-DAY REVIEW:	Not applicable due to City Council Emergency Orders
CASE MANAGER:	Huy Pham

REQUEST:

The applicant is requesting a Certificate of Appropriateness for approval to construct a rear accessory structure.

APPLICABLE CITATIONS:

4. Guidelines for New Construction

5. Garages and Outbuildings

A. DESIGN AND CHARACTER

i. *Massing and form*—Design new garages and outbuildings to be visually subordinate to the principal historic structure in terms of their height, massing, and form.

ii. *Building size* – New outbuildings should be no larger in plan than 40 percent of the principal historic structure footprint.

iii. *Character*—Relate new garages and outbuildings to the period of construction of the principal building on the lot through the use of complementary materials and simplified architectural details.

iv. *Windows and doors*—Design window and door openings to be similar to those found on historic garages or outbuildings in the district or on the principle historic structure in terms of their spacing and proportions.

v. *Garage doors*—Incorporate garage doors with similar proportions and materials as those traditionally found in the district.

B. SETBACKS AND ORIENTATION

i. Orientation—Match the predominant garage orientation found along the block. Do not introduce front-loaded garages or garages attached to the primary structure on blocks where rear or alley-loaded garages were historically used.
ii. Setbacks—Follow historic setback pattern of similar structures along the streetscape or district for new garages and outbuildings. Historic garages and outbuildings are most typically located at the rear of the lot, behind the principal building. In some instances, historic setbacks are not consistent with UDC requirements and a variance may be required.

Standard Specifications for Windows in Additions and New Construction

- GENERAL: New windows on additions should relate to the windows of the primary historic structure in terms of
 materiality and overall appearance. Windows used in new construction should be similar in appearance to those
 commonly found within the district in terms of size, profile, and configuration. While no material is expressly
 prohibited by the Historic Design Guidelines, a high-quality wood or aluminum-clad wood window product often
 meets the Guidelines with the stipulations listed below. Whole window systems should match the size of historic
 windows on property unless otherwise approved.
- o SIZE: Windows should feature traditional dimensions and proportions as found within the district.
- SASH: Meeting rails must be no taller than 1.25". Stiles must be no wider than 2.25". Top and bottom sashes must be equal in size unless otherwise approved.
- DEPTH: There should be a minimum of 2" in depth between the front face of the window trim and the front face of the top window sash. This must be accomplished by recessing the window sufficiently within the opening or with the installation of additional window trim to add thickness.
- TRIM: Window trim must feature traditional dimensions and architecturally appropriate casing and sloped sill detail. Window track components such as jamb liners must be painted to match the window trim or concealed by a wood window screen set within the opening.
- o GLAZING: Windows should feature clear glass. Low-e or reflective coatings are not recommended for

replacements. The glazing should not feature faux divided lights with an interior grille. If approved to match a historic window configuration, the window should feature real exterior muntins.

- COLOR: Wood windows should feature a painted finished. If a clad product is approved, white or metallic manufacturer's color is not allowed, and color selection must be presented to staff.
- INSTALLATION: Wood windows should be supplied in a block frame and exclude nailing fins. Window opening sizes should not be altered to accommodate stock sizes prior to approval.
- FINAL APPROVAL: If the proposed window does not meet the aforementioned stipulations, then the applicant must submit updated window specifications to staff for review, prior to purchase and installation. For more assistance, the applicant may request the window supplier to coordinate with staff directly for verification.

FINDINGS:

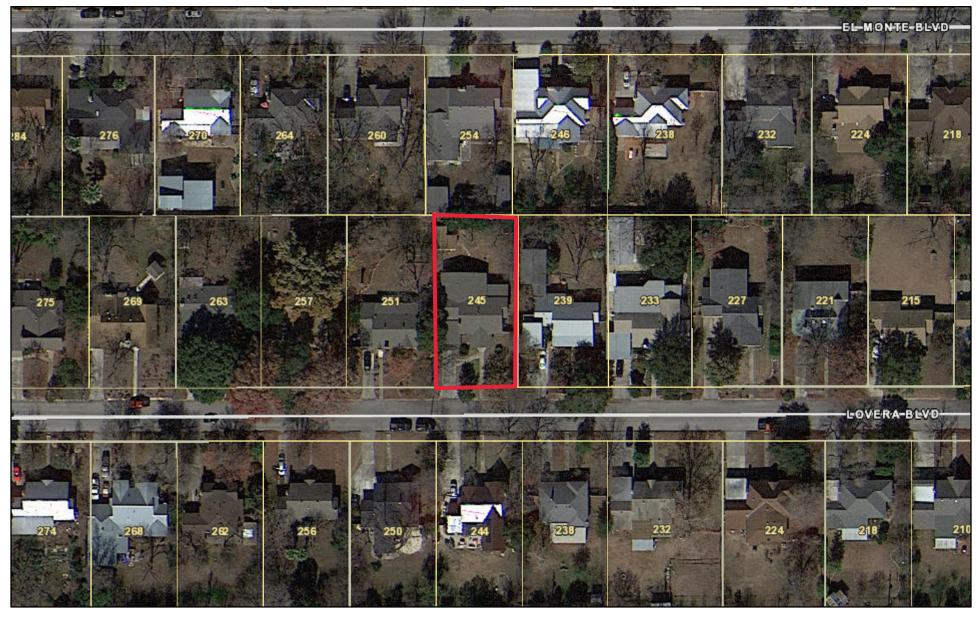
- i. The primary historic structure at 245 Lovera was constructed circa 1940, first appears on the 1949 Sanborn map, and contributes to the Olmos Park Terrace Historic District. The one-story, single-family residential structure features early midcentury modern forms.
- ii. COMPLIANCE On a site visit conducted on April 6, 2020, staff found that the existing rear accessory structure was demolished and framing of a new structure had begun. The applicant was cooperative with the Stop Work Order and submitted an application to be reviewed at the next available commission hearing. Additionally, staff was able to review and determine that the existing accessory structure did not contribute to the Olmos Park Terrace Historic District and was administratively approved for demolition.
- iii. ACCESSORY STRUCTURE The applicant has proposed to construct a 360 square-foot, 1-story rear accessory structure featuring HardiePlank lap siding, vinyl windows (JELD-WEN V-4500), a composite MDF door, and a hipped composition shingle roof.
- iv. MASSIGN AND FORM Per the Guidelines for New Construction 5.A.i., applicants should design new garages and outbuildings to be visually subordinate to the principal historic structure in terms of their height, massing, and form. Staff finds the proposed massing and form are visually subordinate the primary historic structure.
- v. BUILDING SIZE Per the Guidelines for New Construction 5.A.ii., new outbuildings should be no larger in plan than 40 percent of the principal historic structure footprint. Staff finds that the proposed 360 square feet is less than 40 percent of the 1,818 square feet principal historic structure.
- vi. CHARACTER Per the Guidelines for New Construction 5.A.iii., applicants should relate new garages and outbuildings to the period of construction of the principal building on the lot through the use of complementary materials and simplified architectural details. Staff finds that the HardiePlank siding is appropriate if it features a smooth finish with no faux wood grain texture and feature a 4-inch exposure.
- vii. WINDOWS AND DOORS Per the Guidelines for New Construction 5.A.iii., applicants should design window and door openings to be similar to those found on historic garages or outbuildings in the district or on the principle historic structure in terms of their spacing and proportions. Staff finds that proposed fenestration pattern generally relates to the historic structure. However, staff finds that proposed windows (JELD-WEN V-4500) do not adhere to the Standard Stipulations for Windows in New Construction regarding the sash size, the depth profile, and the manufactured color; an appropriateness window product should be submitted to staff.
- Viii. ORIENTATION & SETBACK Per the Guidelines for New Construction 5.B.i., applicants should follow historic setback patterns of similar structures along the streetscape or district for new garages and outbuildings; historic garages and outbuildings are most typically located at the rear of the lot, behind the principal building. Staff finds that proposed structure set to the rear corner of the property is generally consistent with the Guidelines; the applicant is responsible for complying with all setback requirements and obtain a variance if required for permitting.

RECOMMENDATION:

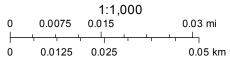
Staff recommends approval based on finding c through h with the following stipulations:

- i. That the HardiePlank siding feature a smooth finish without faux wood grain texture and feature a 4-inch exposure.
- ii. That the structure features windows that adheres to the *Standard Specifications for Windows in New Construction* instead of the proposed JELD-WEN V-4500; an appropriate window must be submitted to staff.
- iii. That the applicant is responsible for complying with all setback requirements and obtain a variance if required for permitting.

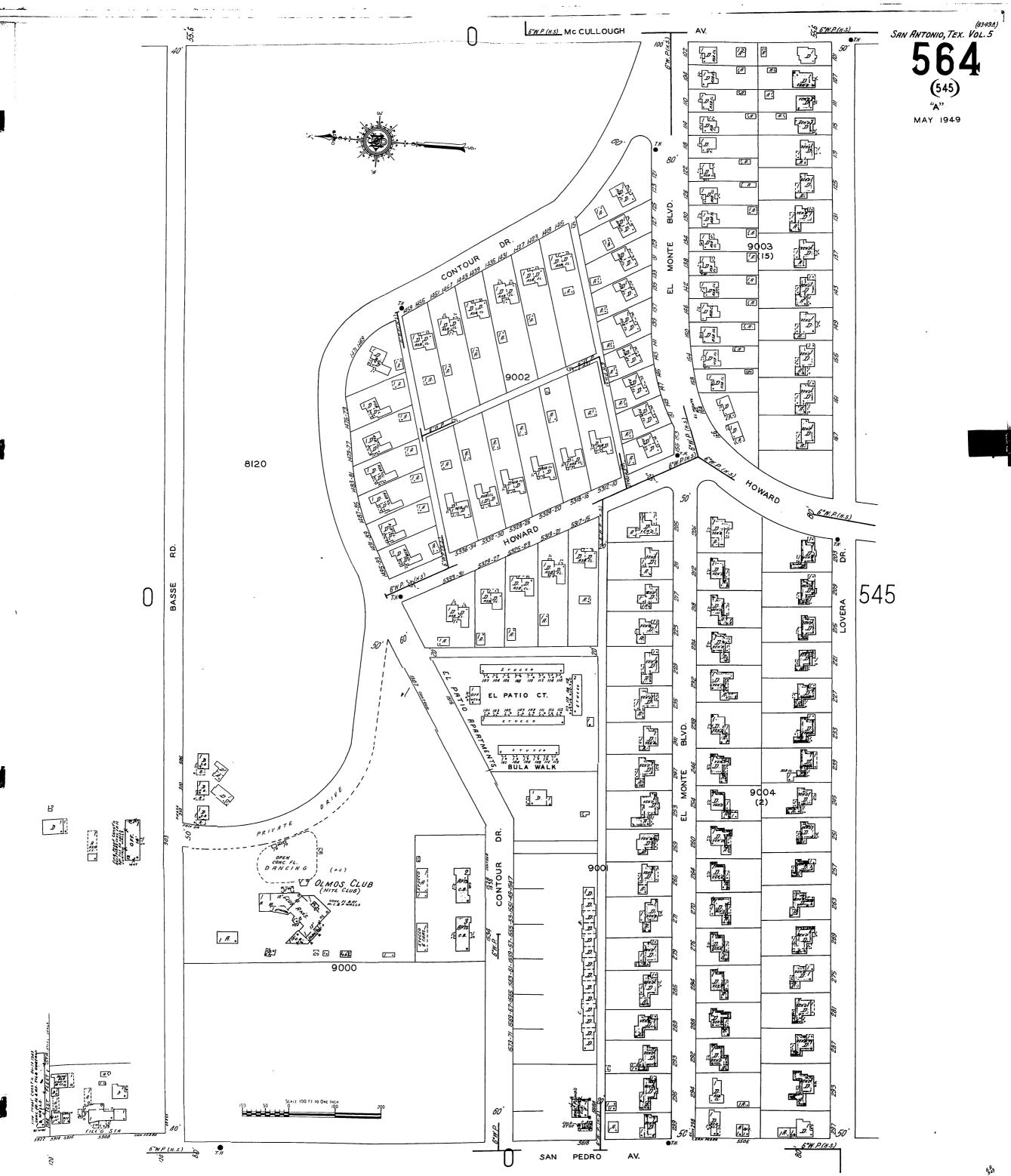
245 Lovera

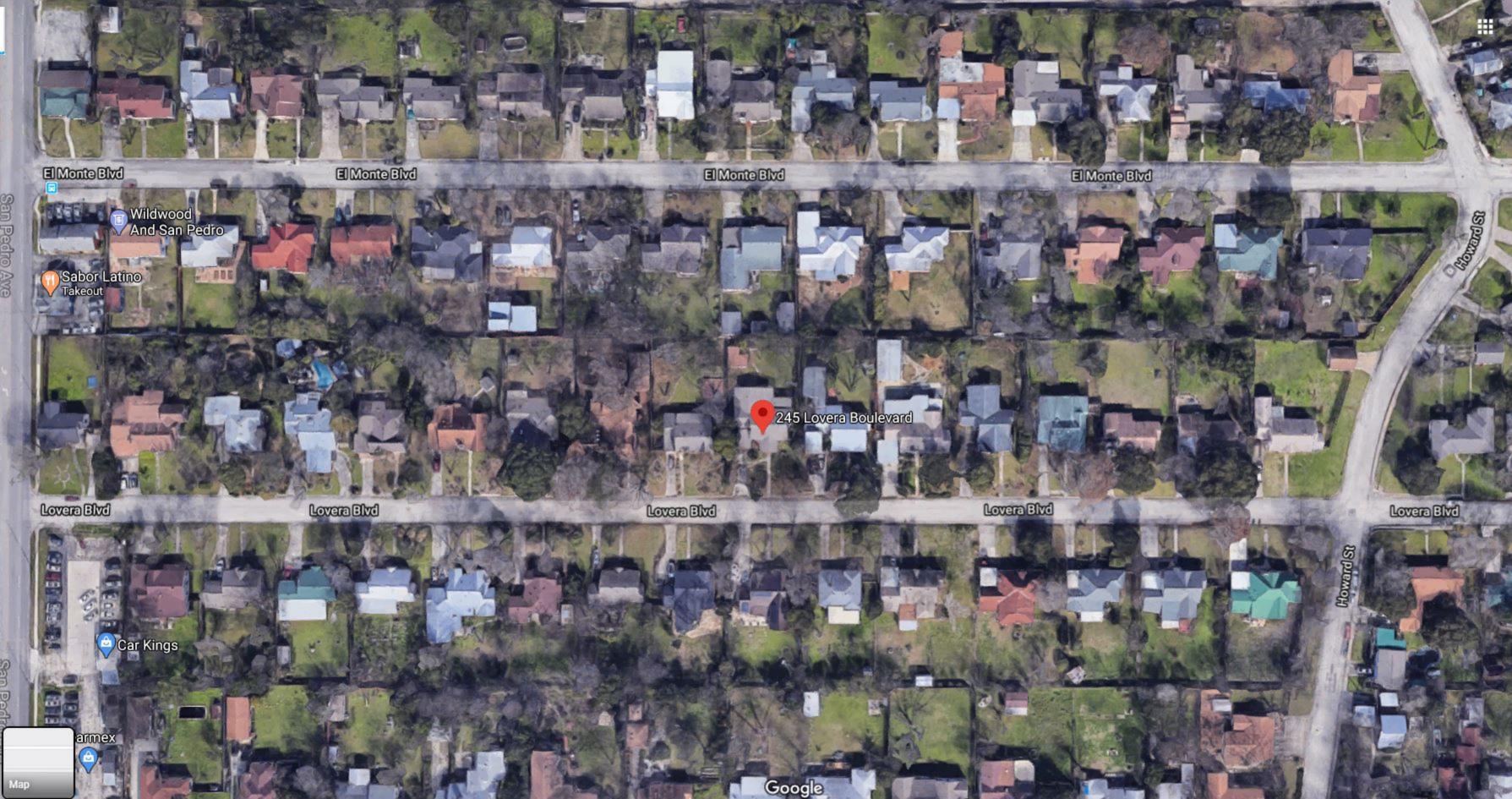


June 9, 2020



City of San Antonio GIS Copyright 6-9-2020



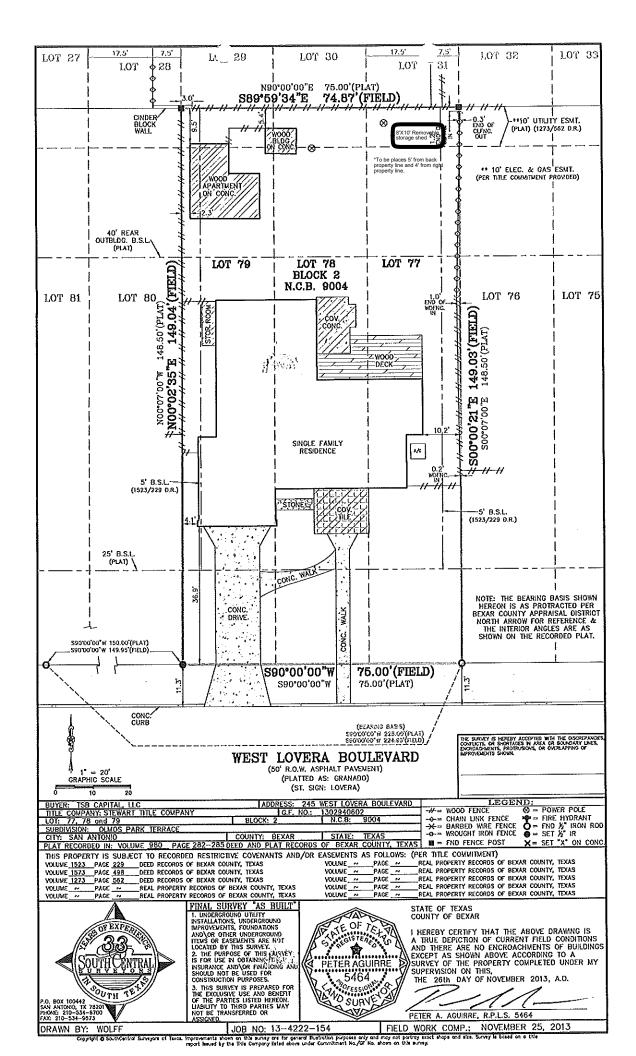






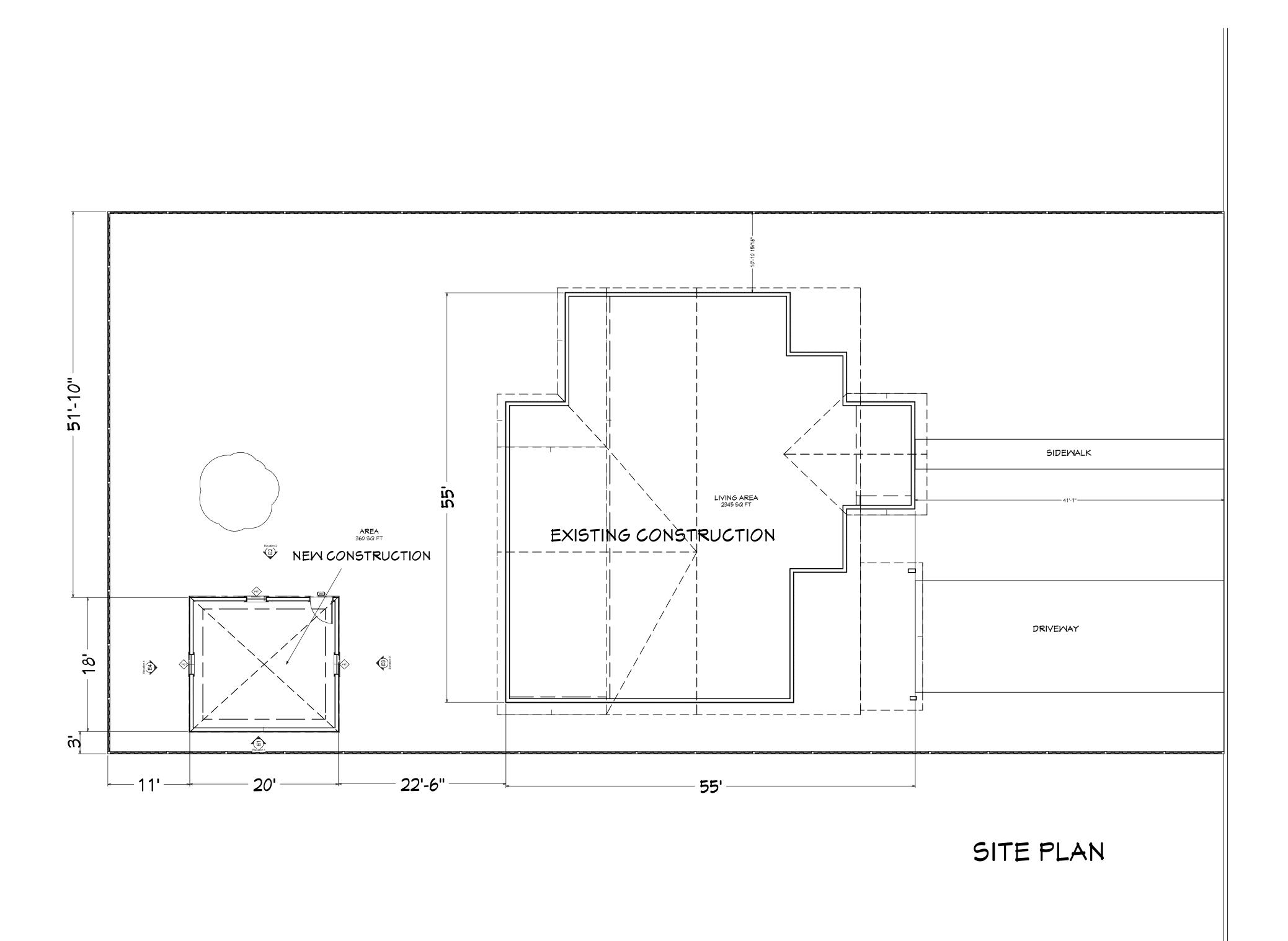






ADDRESS: 245 LOVERA BLVD, SAN ANTONIO, TX 78212 **NEIGHBORHOOD:** OLMOS PARK TERR HISTORIC LEGAL DESCRIPTION: NCB 9004 BLK 2 LOT 77 THRU 79 **PROPERTY ID:** 431029

PROPERTY USE DESCRIPTION: SINGLE FAMILY



GEOGRAPHIC ID: 09004-002-0770

PARCEL AREA: 10734.99

LOT SQ. FT. 11,175 ACRE: 0.2565

ZONING: **R-**4

BUILDING CONTRACTOR/HOME OWNER TO REVIEW AND VERIFY ALL DIMENSIONS, SPECS, AND CONNECTIONS BEFORE CONSTRUCTION BEGINS.

ELECTRICAL SYSTEM CODE: SEC.2701 MECHANICAL SYSTEM CODE: SEC.2801 PLUMBING SYSTEM CODE: SEC.2901

HOMEOWNER WILL TAKE NECESSARY PRECAUTIONS TO REMOVE OR RELOCATE ITEMS OF VALUE TO BE REUSED AND/ OR SAVED, OR IN ANY DANGER OF BEING DAMAGED DUE TO CONSTRUCTION PROCESS.

CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE AND NOTIFY THE ARCHITECT OF ANY DIMENSIONAL ERRORS, OMISSIONS OR DISCREPANCIES BEFORE BEGINNING OR FABRICATING ANY WORK.

THESE DRAWINGS ARE THE PROPRIETARY WORK PRODUCT AND PROPERTY OF THUC. DEVELOPED FOR THE EXCLUSIVE USE OF THUC. USE OF THESE DRAWINGS AND CONCEPTS CONTAINED THEREIN WITHOUT THE WRITTEN PERMISSION OF THUC IS PROHIBITED AND MAY SUBJECT YOU TO A CLAIM FOR DAMAGES.

GENERAL NOTES AND SPECIFICATIONS

THE GENERAL CONTRACTOR SHALL FULLY COMPLY WITH THE 2006 IBC AND ALL ADDITIONAL STATE AND LOCAL CODE REQUIREMENTS. 2006 IEC AND 2006 IMC SHALL BE USED. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY WORK KNOWINGLY PERFORMED CONTRARY TO SUCH LAWS, ORDINANCES, OR REGULATIONS. THE CONTRACTOR SHALL ALSO PERFORM COORDINATION WITH ALL UTILITIES AND STATE SERVICE AUTHORITIES. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. THE GENERAL CONTRACTOR SHALL VERIFY AND IS RESPONSIBLE FOR ALL DIMENSIONS (INCLUDING ROUGH OPENINGS) AND CONDITIONS ON THE JOB AND MUST NOTIFY THIS OFFICE OF ANY VARIATIONS FROM THESE DRAWINGS. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND PROPER FUNCTION OF PLUMBING, HVAC AND ELECTRICAL SYSTEMS. THE GENERAL CONTRACTOR SHALL NOTIFY THIS OFFICE WITH ANY PLAN CHANGES REQUIRED FOR DESIGN AND FUNCTION OF PLUMBING, HVAC AND ELECTRICAL SYSTEMS. THIS OFFICE SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS, ACTS OR OMISSIONS OF THE CONTRACTOR OR SUBCONTRACTOR, OR FALURE OF ANY OF THEM TO CARRY OUT WORK IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS. AND DEFECT DISCOVERED IN THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THIS OFFICE BY WRITTEN NOTICE BEFORE PROCEEDING WITH WORK. REASONABLE TIME NOT ALLOWED THIS OFFICE TO CORRECT THE DEFECT SHALL PLACE THE BURDEN OF COST AND LIABILITY FROM SUCH DEFECT UPON THE CONTRACTOR. DESIGN CRITERIA: 2006 IRC AND IBC ROOF: 50 PSF SNOW LOAD *8 PSF TOP CHORD DL. *7 PSF BOTTOM CHORD DL. *5 PSF NET WIND UPLIFT. FLOOR: 40 PSF LL. *10 PSF TOP CHORD DL. *5 PSF BOTTOM CHORD DL. *5 PSF BOTTOM CHORD DL. SOIL: *2,000 PSF ALLOWVABLE (ASSUMED). TO BE AT TIME OF EXCAVATION FROST DEPTH: *2.0° SEISMIC ZONE:: C, WIND: 90 MPH (90 MPH 3 SEC GUST), EXPOSURE C.

THIS STRUCTURE SHALL BE ADEQUATELY BRACED FOR WIND LOADS UNTIL THE ROOF, FLOOR AND WALLS HAVE BEEN PERMANENTLY FRAMED TOGETHER AND SHEATHED.

INSTALL POLYISOCYANURATE FOAM TYPE INSULATION AT FLOOR AND PLATE LINES, OPENINGS IN PLATES, CORNER STUD CAVITIES AND AROUND DOOR AND WINDOW ROUGH OPENING CAVITIES.

INSTALL WATERPROOF GYPSUM BOARD AT ALL WATER SPLASH AREAS TO MINIMUM 70" ABOVE SHOWER DRAINS. INSULATE WASTE LINES FOR SOUND CONTROL.

EXHAUST ALL VENTS AND FANS DIRECTLY TO OUTSIDE VIA METAL DUCTS, PROVIDE 90 CFM (MIN) FANS TO PROVIDE 5 AIR CHANGES PER HOUR IN BATHS CONTAINING TUB AND / OR SHOWER AND IN LAUNDRY ROOMS.

ALL RECESSED LIGHTS IN INSULATED CEILINGS TO HAVE THE I.C. LABEL. PROVIDE SOLID BLOCKING UNDER ALL BEARING WALLS PERPENDICULAR TO JOISTS AND OTHER BEARING POINTS NOT OTHERWISE PROVIDED WITH SUPPORT.

GENERAL NOTES:

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WRITTEN DIMENSIONS AND SPECIFIC NOTES SHALL TAKE PRECEDENCE OVER BE CONSULTED FOR CLARIFICATION IF SITE CONDITIONS ARE ENCOUNTERED THAT ARE DIFFERENT THAN SHOWN, IF DISCREPANCIES ARE FOUND IN THE PLANS OR NOTES, OR IF A QUESTION ARISES OVER THE INTENT OF THE PLANS OR NOTES. CONTRACTOR SHALL VERIFY AND IS RESPONSIBLE FOR ALL DIMENSIONS (INCLUDING ROUGH OPENINGS).

PLEASE SEE ADDITIONAL NOTES CALLED OUT ON OTHER SHEETS.

BUILDING PERFORMANCE: HEAT LOSS CALCULATIONS SHALL COMPLY WITH THE REQUIREMENTS OF

REGIONAL AND LOCAL CODES. SEE CALCULATIONS. PORCHES, DECKS. FOUNDATION, FIREPLACE ENCLOSURES, AND GARAGE AREAS NOT INCLUDED IN LIVING AREA. ALL EXHAUST FANS TO BE VENTED DIRECTLY TO THE EXTERIOR. ALL PENETRATIONS OF THE BUILDING ENVELOPE SHALL BE SEALED WITH CAULK OR FOAM.

MISCELLANEOUS NOTES:

EACH BEDROOM TO HAVE A MINIMUM WINDOW OPENING OF 5.7 SQ. FT. WITH A MINIMUM WIDTH OF 20 IN. AND A SILL LESS THAN 44" ABOVE FIN. FLR.

ALL GLAZING WITHIN 18 IN. OF THE FLOOR AND/OR WITHIN 24 IN. OF ANY DOOR (REGARDLESS OF WALL PLANE) ARE TO HAVE SAFETY GLAZING. ALL GLAZING WITHIN 60 IN. OF TUB OR SHOWER FLOOR, 60 N. OF A STAIR LANDING OR GREATER THAN 9 SQUARE FEET ARE TO HAVE SAFETY GLAZING SKYLIGHTS ARE TO BE GLAZED WITH TEMPERED GLASS ON OUTSIDE AND LAMINATED GLASS ON THE INSIDE (UNLESS PLEXIGLASS). GLASS TO HAVE MAXIMUM CLEAR SPAN OF 25 IN. AND FRAME IS TO BE ATTACHED TO A 2x CURB WITH A MINIMUM OF 4 IN. ABOVE ROOF PLANE.

ALL TUB AND SHOWER ENCLOSURES ARE TO BE GLAZED WITH SAFETY GLASS.

ALL EXTERIOR WINDOWS ARE TO BE DOUBLE GLAZED AND ALL EXTERIOR DOORS ARE TO BE SOLID CORE WITH WEATHERSTRIPPING. PROVIDE 1/2 IN. DEADBOLT LOCKS ON ALL EXTERIOR DOORS, AND LOCKING DEVICES ON ALL DOORS AND WINDOWS WITHIN 10 FT. (VERTICAL) OF GRADE. PROVIDE PEEPHOLE 54-66 IN. ABOVE FIN. FLOOR ON EXTERIOR ENTRY DOORS. PROVIDE ONE SMOKE DETECTOR IN EACH ROOM AND ONE IN EACH CORRIDOR ACCESSING BEDROOMS. CONNECT SMOKE DETECTORS TO HOUSE POWER AND INTER-CONNECT SMOKE DETECTORS TO HOUSE POWER AND INTERCONNECT SO THAT, WHEN ANY ONE IS TRIPPED, THEY ALL WILL SOUND. PROVIDE BATTERY BACKUP FOR ALL UNITS.

PROVIDE COMBUSTION AIR VENTS (W/SCREEN AND BACK DAMPER) FOR GAS FIRE-PLACE AND ANY OTHER APPLIANCES WITH AN OPEN FLAME. BATHROOMS AND UTILITY ROOMS ARE TO BE VENTED TO THE OUTSIDE WITH A FAN CAPABLE OF PRODUCING A MINIMUM OF 5 AIR EXCHANGES PER HOUR.

RANGE HOODS ARE ALSO TO BE VENTED TO THE OUTSIDE. ELECTRICAL RECEPTACLES IN BATHROOMS, KITCHENS AND GARAGES SHALL BE G.F.I. OR G.F.I.C. PER NATIONAL ELECTRICAL CODE REQUIREMENTS.

INSULATE ALL ACCESS DOORS/ HATCHES TO CRAWL SPACES AND ATTICS TO THE EQUIVALENT RATING OF THE WALL, FLOOR OR CEILING THROUGH WHICH THEY PENETRATE UNO ON PLANS. ATTIC R-38 WALLS R-21 FLOORS R-30

PROVIDE CRAWLSPACE VENTING TO MEET THE REQUIREMENTS OF THE 2006 EDITION OF THE I.R.C. PROVIDE SPECIAL INSPECTION, SPECIAL TESTING, REPORTING AND COMPLIANCE PROCEDURES ACCORDING TO THE 2006 INTERNATIONAL BUILDING CODE.

SPECIAL INSPECTOR QUALIFICATIONS: DEMONSTRATE COMPETENCE, TO THE SATISFAC OF THE BUILDING OFFICIAL, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION IN QUESTION. PRIOR TO THE BEGINNING OF CONSTRUCTION, REVIEW THE SPECIAL INSPECTION REQUIREMENTS WITH THE ARCHITECT, ENGINEER, BUILDING OFFICIAL GENERAL CONTRACTOR AND SPECIAL INSPECTORS. DUTIES OF THE SPECIAL INSPECTOR INCLUDE. BUT ARE NOT LIMITED TO

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DUTIES OF THE GENERAL CONTRACTOR INCLUDE, BUT ARE NOT LIMITED TO: NOTIEY SPECIAL INSPECTOR THAT WORK IS READY FOR INSPECTION AT LEAST 24 HOURS BEFORE THE INSPECTION IS REQUIRED. MAINTAIN ACCESS TO WORK REQUIRING SPECIAL INSPECTION UNTIL IT HAS BEEN OBSERVED AND INDICATED TO BE IN CONFORMANCE BY THE SPECIAL INSPECTOR AND APPROVED BY THE BUILDING OFFICIAL. PROVIDE THE SPECIAL INSPECTOR WITH ACCESS TO APPROVED PERMIT DRAWINGS AND SPECIFICATIONS AT THE JOB SITE.

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BUILDING CODES, AND GRADE REQUIREMENTS. To the best of my knowledge these plans are drawn to comply with owner's and/ or builder's

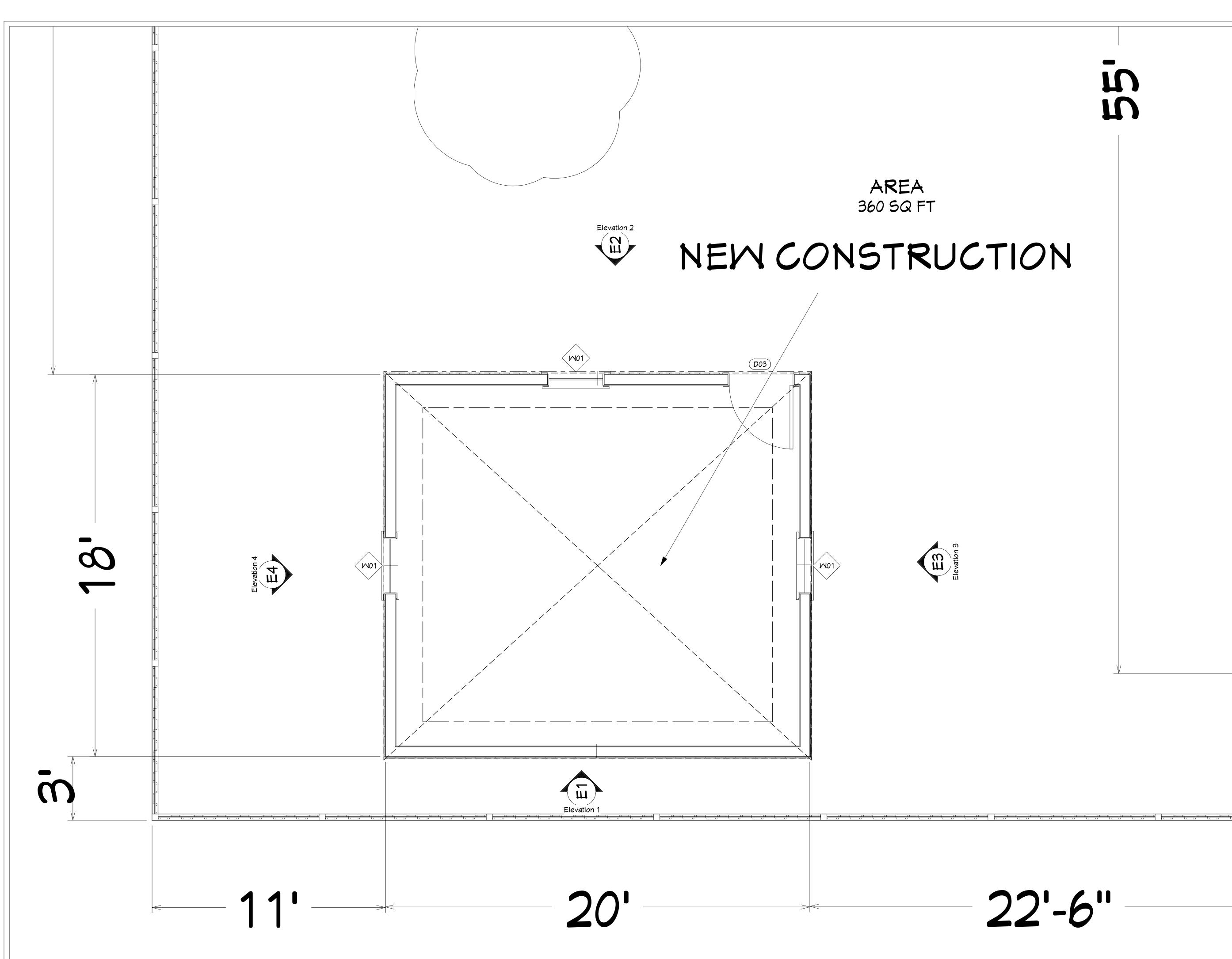
be solely responsible thereafter.

specifications and any changes made on them after prints are made will be done at the owner's and / or builder's expense and responsibility. The contractor shall verify all dimensions and enclosed drawing. THUC is not liable for errors once construction has begun. While every effort has been

made in the preparation of this plan to avoid mistakes, the maker can not guarantee against human error. The contractor of the job must check all dimensions and other details prior to construction and

NUMBER DATE REVISION TABLE NUMBER DATE REVISED BY DESCRIPTION	
245 LOVERA BLVD. SAN ANTONIO TX, 78212	
SITE PLAN	
DRAWINGS PROVIDED BY:	
DATE: 5/1/20	
SCALE:	
1/8 in. = 1 ft.	
SHEET:	

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PROVIDE CRAWLSPACE VENTING TO MEET THE REQUIREMENTS OF THE 2006 EDITION OF THE I.R.C. PROVIDE SPECIAL INSPECTION, SPECIAL TESTING, REPORTING AND COMPLIANCE PROCEDURES ACCORDING TO THE 2006 INTERNATIONAL BUILDING CODE. SPECIAL INSPECTOR QUALIFICATIONS: DEMONSTRATE COMPETENCE, TO THE SATISFACTIO OF THE BUILDING OFFICIAL, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION IN QUESTION. PRIOR TO THE BEGINNING OF CONSTRUCTION, REVIEW THE SPECIAL INSPECTION REQUIREMENTS WITH THE ARCHITECT, ENGINEER, BUILDING OFFICIAL GENERAL CONTRACTOR AND SPECIAL INSPECTORS.

DUTIES OF THE SPECIAL INSPECTOR INCLUDE, BUT ARE NOT LIMITED TO: OBSERVE THE WORK FOR CONFORMANCE WITH THE APPROVED PERMIT DRAWINGS AND SPECIFICATIONS. BRING DISCREPANCIES TO THE IMMEDIATE ATTENTION OF THE GENERAL CONTRACTOR FOR BUILDING OFFICIAL. FURNISH INSPECTION REPORTS FOR EACH INSPECTION TO THE BUILDING OFFICIAL, ARCHITECT, ENGINEER, GENERAL CONTRACTOR AND OWNER IN A TIMELY MANNER. SUBMIT A FINAL REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS INSPECTED, DN WHETHER THE WORK IS IN CONFORMANCE WITH THE APPROVED PERMIT DRAWINGS AND SPECIFICATIONS. DUTIES OF THE GENERAL CONTRACTOR INCLUDE, BUT ARE NOT LIMITED TO: NOTIFY SPECIAL INSPECTOR THAT WORK IS READY FOR INSPECTION AT LEAST 24 HOURS BEFORE THE INSPECTION IS REQUIRING SPECIAL INSPECTION UNTIL IT HAS BEEN MAINTAIN ACCESS TO WORK REQUIRING SPECIAL INSPECTION UNTIL IT HAS BEEN OBSERVED AND INDICATED TO BE IN CONFORMANCE BY THE SPECIAL INSPECTOR AND APPROVED BY THE BUILDING OFFICIAL. PROVIDE THE SPECIAL INSPECTOR WITH ACCESS TO APPROVED PERMIT DRAWINGS AND SPECIFICATIONS AT THE 100 SITE

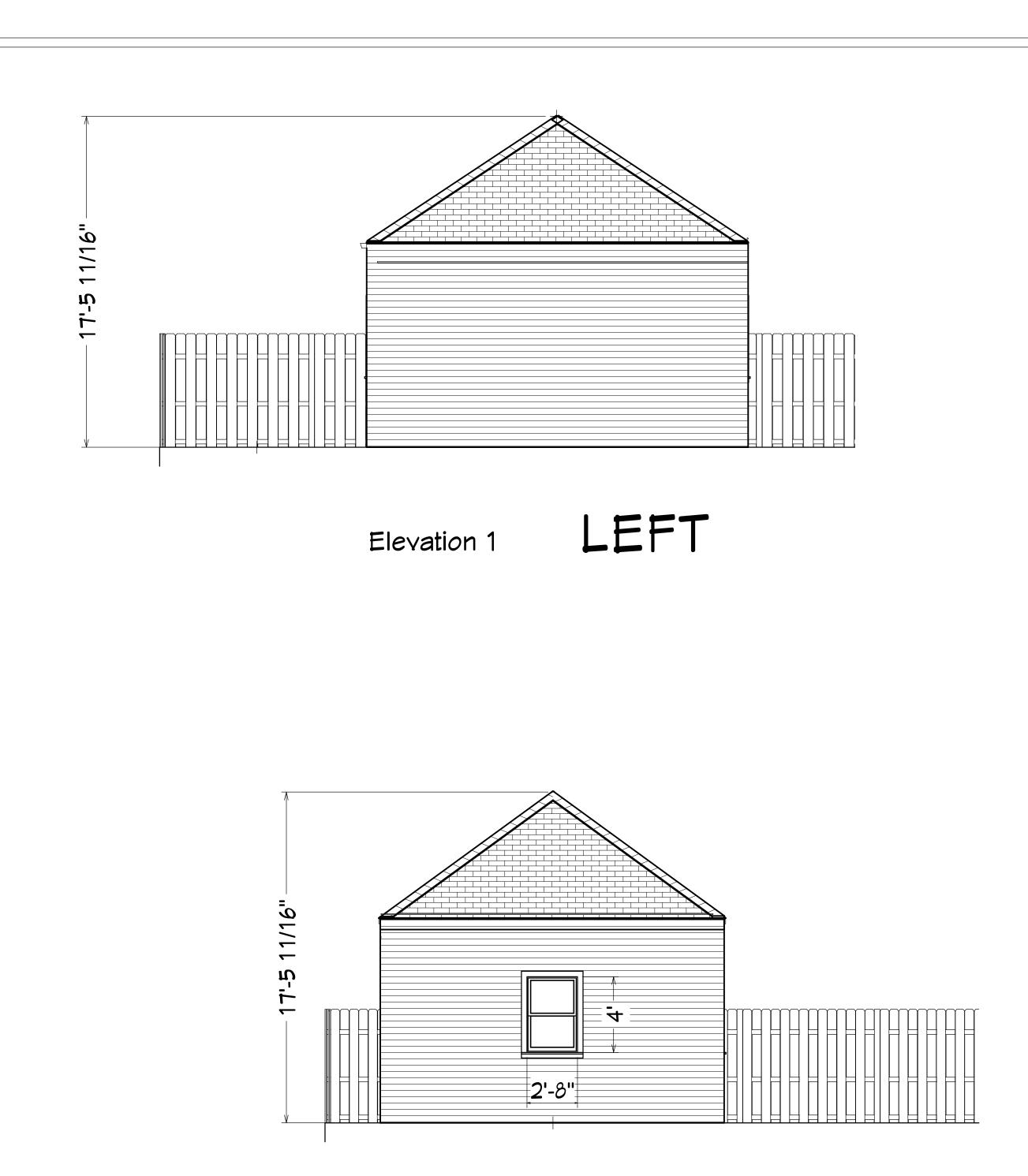
SPECIFICATIONS AT THE JOB SITE. MAINTAIN JOB-SITE COPIES OF ALL REPORTS SUBMITTED BY THE SPECIAL INSPECTOR. DEFINITIONS CONTINUOUS INSPECTION: THE SPECIAL INSPECTOR IS OBSERVING THE WORK REQUIRING SPECIAL INSPECTION AT ALL TIMES. PERIODIC INSPECTION: THE SPECIAL INSPECTOR IS ON SITE AS REQUIRED TO CONFIRM THAT THE WORK REQUIRING SPECIAL INSPECTION IS IN CONFORMANCE.

HOMEOWNER & CONTRACTOR: TO VERIFY ALL DIMENSIONS, STRUCTURAL DETAILS, AND BUILDING CODES, AND GRADE REQUIREMENTS.

To the best of my knowledge these plans are drawn to comply with owner's and/ or builder's specifications and any changes made on them after prints are made will be done at the owner's and / or builder's expense and responsibility. The contractor shall verify all

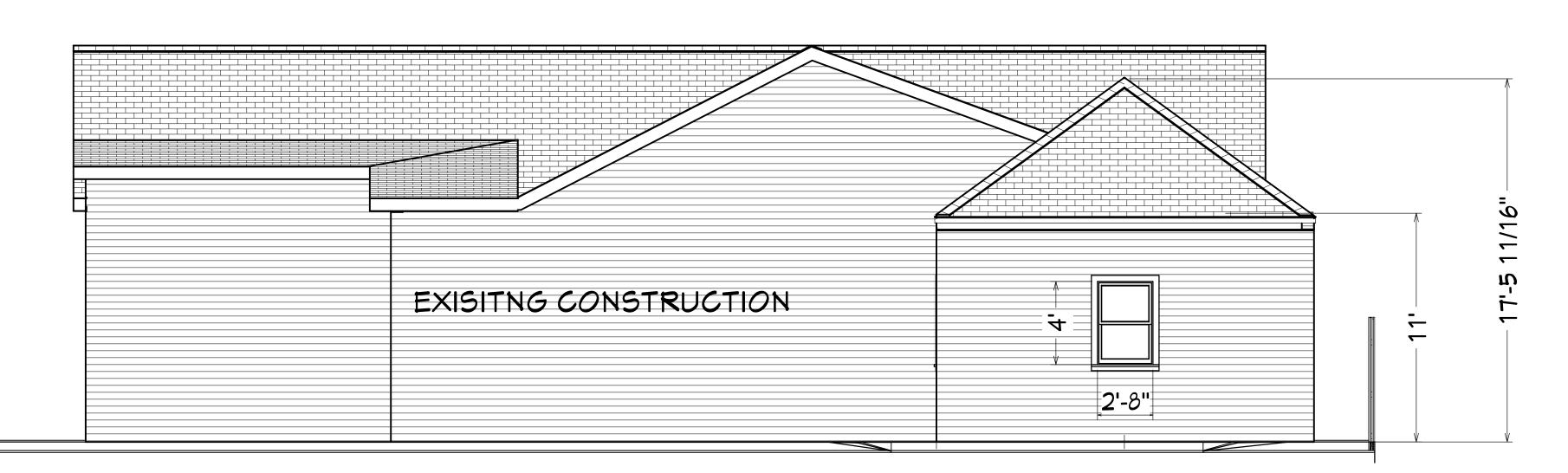
dimensions and enclosed drawing. THUC is not liable for errors once construction has begun. While every effort has been made in the preparation of this plan to avoid mistakes, the maker can not guarantee against human error. The contractor of the job must check all dimensions and other details prior to construction and be solely responsible thereafter.

REVISION TABLE			
	SAN ANTONIO TX 78212		
DRAWINGS PROVIDED BY:			
	ATE: 1/20		
	CALE 2 in. =		ft.
Sł	IEET	:	
	P	-2	•

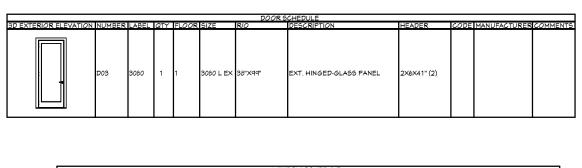


Elevation 3

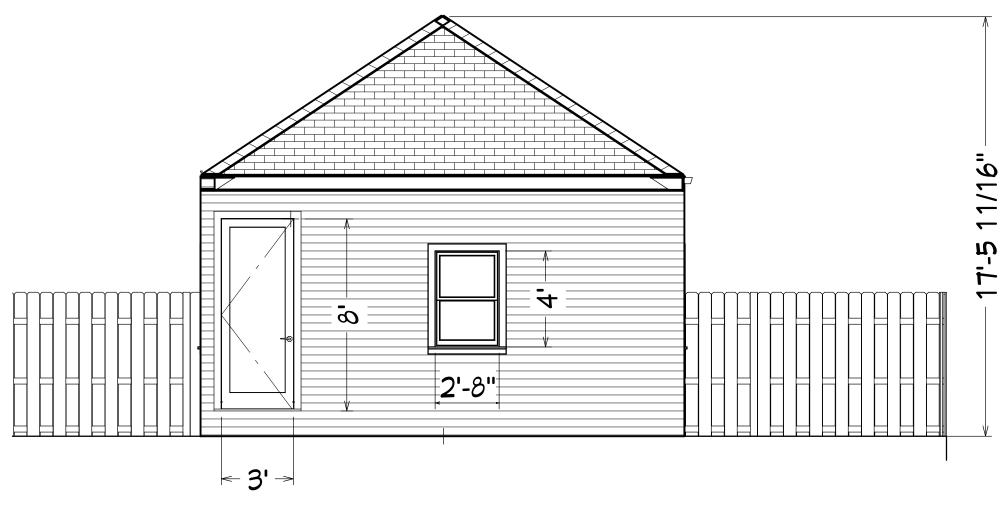




WINDOWS & DOORS SCHEDULES







Elevation 2 RIGHT

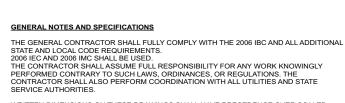
BUILDING CONTRACTOR/HOME OWNER TO REVIEW AND VERIFY ALL DIMENSIONS, SPECS, AND CONNECTIONS BEFORE CONSTRUCTION BEGINS.

ELECTRICAL SYSTEM CODE: SEC.2701 MECHANICAL SYSTEM CODE: SEC.2801 PLUMBING SYSTEM CODE: SEC.2901

HOMEOWNER WILL TAKE NECESSARY PRECAUTIONS TO REMOVE OR RELOCATE ITEMS OF VALUE TO BE REUSED AND/ OR SAVED, OR IN ANY DANGER OF BEING DAMAGED DUE TO CONSTRUCTION PROCESS.

CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE AND NOTIFY THE ARCHITECT OF ANY DIMENSIONAL ERRORS, OMISSIONS OR DISCREPANCIES BEFORE BEGINNING OR FABRICATING ANY WORK.

THESE DRAWINGS ARE THE PROPRIETARY WORK PRODUCT AND PROPERTY OF THUC. DEVELOPED FOR THE EXCLUSIVE USE OF THUC. USE OF THESE DRAWINGS AND CONCEPTS CONTAINED THEREIN WITHOUT THE WRITTEN PERMISSION OF THUC IS PROHIBITED AND MAY SUBJECT YOU TO A CLAIM FOR DAMAGES.



WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. THE GENERAL CONTRACTOR SHALL VERIFY AND IS RESPONSIBLE FOR ALL DIMENSIONS (INCLUDING ROUGH OPENINGS) AND CONDITIONS ON THE JOB AND MUST NOTIFY THIS OFFICE OF ANY VARIATIONS FROM THESE DRAWINGS. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND PROPER FUNCTION OF PLUMBING, HVAC AND ELECTRICAL SYSTEMS. THE GENERAL CONTRACTOR SHALL NOTIFY THIS OFFICE WITH ANY PLAN CHANGES REQUIRED FOR DESIGN AND FUNCTION OF PLUMBING, HVAC AND ELECTRICAL SYSTEMS. THIS OFFICE SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS.

THIS OFFICE SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS, ACTS OR OMISSIONS OF THE CONTRACTOR OR SUBCONTRACTOR, OR FAILURE OF ANY OF THEM TO CARRY OUT WORK IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS. AND DEFECT DISCOVERED IN THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THIS OFFICE BY WRITTEN NOTICE BEFORE PROCEEDING WITH WORK. REASONABLE TIME NOT ALLOWED THIS OFFICE TO CORRECT THE DEFECT SHALL PLACE TH BURDEN OF COST AND LIABILITY FROM SUCH DEFECT UPON THE CONTRACTOR.

- DESIGN CRITERIA: 2006 IRC AND IBC ROOF: 50 PSF SNOW LOAD *8 PSF TOP CHORD DL. *7 PSF BOTTOM CHORD DL. *5 PSF NET WIND UPLIFT. FLOOR: 40 PSF LL. *10 PSF TOP CHORD DL. *5 PSF BOTTOM CHORD DL. *5 PSF BOTTOM CHORD DL. SOIL: *2,000 PSF ALLOWABLE (ASSUMED). TO BE AT TIME OF EXCAVATION FROST DEPTH: *2.0° SEISMIC ZONE: C, WIND: 90 MPH (90 MPH 3 SEC GUST), EXPOSURE C.
- THIS STRUCTURE SHALL BE ADEQUATELY BRACED FOR WIND LOADS UNTIL THE ROOF, FLOOR AND WALLS HAVE BEEN PERMANENTLY FRAMED TOGETHER AND SHEATHED. INSTALL POLYISOCYANURATE FOAM TYPE INSULATION AT FLOOR AND PLATE LINES.
- OPENINGS IN PLATES, CORNER STUD CAVITIES AND AROUND DOOR AND WINDOW ROUGH OPENING CAVITIES.

INSTALL WATERPROOF GYPSUM BOARD AT ALL WATER SPLASH AREAS TO MINIMUM 70" ABOVE SHOWER DRAINS. INSULATE WASTE LINES FOR SOUND CONTROL.

EXHAUST ALL VENTS AND FANS DIRECTLY TO OUTSIDE VIA METAL DUCTS, PROVIDE 90 CFM (MIN) FANS TO PROVIDE 5 AIR CHANGES PER HOUR IN BATHS CONTAINING TUB AND / OR SHOWER AND IN LAUNDRY ROOMS.

ALL RECESSED LIGHTS IN INSULATED CEILINGS TO HAVE THE I.C. LABEL. PROVIDE SOLID BLOCKING UNDER ALL BEARING WALLS PERPENDICULAR TO JOISTS AND OTHER BEARING POINTS NOT OTHERWISE PROVIDED WITH SUPPORT.

GENERAL NOTES:

THE BUILDER SHALL VERIFY THAT SITE CONDITIONS ARE CONSISTENT WITH THESE PLANS BEFORE STARTING WORK. WORK NOT SPECIFICALLY DETAILED SHALL BE CONSTRUCTED TO THE SAME QUALITY AS SIMILAR WORK THAT IS DETAILED. ALL WORK SHALL BE DONE IN ACCORDANCE WITH INTERNATIONAL BUILDING CODES AND LOCAL CODES.

WRITTEN DIMENSIONS AND SPECIFIC NOTES SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS AND GENERAL NOTES. THE EN BE CONSULTED FOR CLARIFICATION IF SITE CONDITIONS ARE ENCOUNTERED THAT ARE DIFFERENT THAN SHOWN, IF DISCREPANCIES ARE FOUND IN THE PLANS OR NOTES, OR IF A QUESTION ARISES OVER THE INTENT OF THE PLANS OR NOTES. CONTRACTOR SHALL VERIFY AND IS RESPONSIBLE FOR ALL DIMENSIONS (INCLUDING ROUGH OPENINGS).

PLEASE SEE ADDITIONAL NOTES CALLED OUT ON OTHER SHEETS. **BUILDING PERFORMANCE:**

HEAT LOSS CALCULATIONS SHALL COMPLY WITH THE REQUIREMENTS OF REGIONAL AND LOCAL CODES. SEE CALCULATIONS. PORCHES, DECKS, FOUNDATION, FIREPLACE ENCLOSURES, AND GARAGE AREAS NOT INCLUDED IN LIVING AREA. ALL EXHAUST FANS TO BE VENTED DIRECTLY TO THE EXTERIOR. ALL PENETRATIONS OF THE BUILDING ENVELOPE SHALL BE SEALED WITH CAULK OR FOAM.

MISCELLANEOUS NOTES: EACH BEDROOM TO HAVE A MINIMUM WINDOW OPENING OF 5.7 SQ. FT. WITH A MINIMUM WIDTH OF 20 IN. AND A SILL LESS THAN 44" ABOVE FIN. FLR.

ALL GLAZING WITHIN 18 IN. OF THE FLOOR AND/OR WITHIN 24 IN. OF ANY DOOR ALL GLAZING WITHIN 18 IN: OF THE FLOOR AND/OR WITHIN 24 IN: OF ANY DOOR (REGARDLESS OF WALL PLANE) ARE TO HAVE SAFETY GLAZING. ALL GLAZING WITHIN 60 IN. OF TUB OR SHOWER FLOOR, 60 IN: OF A STAIR LANDING OR GREATER THAN 9 SQUARE FEET ARE TO HAVE SAFETY GLAZING SKYLIGHTS ARE TO BE GLAZED WITH TEMPERED GLASS ON OUTSIDE AND LAMINATED GLASS ON THE INSIDE (UNLESS PLEXIGLASS). GLASS TO HAVE MAXIMUM CLEAR SPAN OF 25 IN. AND FRAME IS TO BE ATTACHED TO A 2X CUTB WITH A MINIMUM OF 4 IN. ABOVE ROOF PLANE. ALL TUB AND SHOWER ENCLOSURES ARE TO BE GLAZED WITH SAFETY GLASS. ALL EXTERIOR WINDOWS ARE TO BE DOUBLE GLAZED AND ALL EXTERIOR DOORS ARE TO BE SOLID CORE WITH WEATHERSTRIPPING. PROVIDE 1/2 IN. DEADBOLT LOCKS ON ALL EXTERIOR DOORS, AND LOCKING DEVICES ON ALL DOORS AND WINDOWS WITHIN 10 FT. (VERTICAL) OF GRADE. PROVIDE PEEPHOLE 54-66 IN. ABOVE FIN. FLOOR ON EXTERIOR ENTRY DOORS.

PROVIDE ONE SMOKE DETECTOR IN EACH ROOM AND ONE IN EACH CORRIDOR ACCESSING BEDROOMS. CONNECT SMOKE DETECTORS TO HOUSE POWER AND INTER-CONNECT SMOKE DETECTORS TO HOUSE POWER AND INTERCONNECT SO THAT, WHEN ANY ONE IS TRIPPED, THEY ALL WILL SOUND. PROVIDE BATTERY BACKUP FOR ALL UNITS. PROVIDE COMBUSTION AIR VENTS (W/SCREEN AND BACK DAMPER) FOR GAS FIRE-PLACE AND ANY OTHER APPLIANCES WITH AN OPEN FLAME. BATHROOMS AND UTILITY ROOMS ARE TO BE VENTED TO THE OUTSIDE WITH A FAN CAPABL OF PRODUCING A MINIMUM OF 5 AIR EXCHANGES PER HOUR.

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REVISION TABLE NUMBER DATE REVISION TABLE NUMBER DATE REVISED BY DESCRIPTION Image: Second colspan="2">Image: Second colspan="2" Image: Im
245 LOVERA BLVD. SAN ANTONIO TX, 78212
ELEVATIONS MINDOMS & DOORS SCHEDULES.
DRAWINGS PROVIDED BY:
DATE: 5/1/20 SCALE: 1/4 in. = 1 ft. SHEET: P-2

Home / Doors & Windows / Windows / Single Hung Windows

Internet #304848877 Model # THDJW143900817





Save to Favorites

Print

JELD-WEN

36 in. x 60 in. V-4500 Series White Single-Hung Vinyl Window with Fiberglass Mesh Screen

	Write a	Questions &
(3)	Poviow	Λ powers (1)

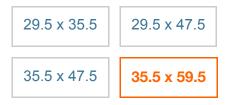
Review Answers (4)

- White vinyl single hung window includes • removeable nail fin frame
- Single hung window comes with energy • efficient Low-E 366 glass
- Includes accidental glass breakage • warranty

6 months* financing on this \$376.25 purchase*.

Apply for a Home Depot Consumer Card

Width (in.) x Height (in.): 35.5 x 59.5



How to Get It



We'll send it to **Cambray** for free pickup. Change Store



Add to Cart

Your Fastest Checkout Turn on Instant Checkout

--- or ---

Buy now with

We're unable to ship this item to stores in: GU, PR, VI We're unable to ship this item to homes in: AK, GU, HI, PR, VI

Product Overview



Versatile Style Vinyl Windows

Vinyl windows are versatile to complement any home's architectural style and have a variety of options to personalize a home



Vinyl Windows In Various Shapes, Sizes and Colors JELD-WEN V-4500 Vinyl windows offer a variety of stylish options to enhance your home's appeal



Energy Efficient Vinyl Windows

Made of high quality vinyl designed to reduce heat transfer to help regulate the inside temperature of your home



Strong & Durable V-4500 Vinyl Windows Thicker frames for a hardier look, reminiscent of wood windows



High-Performance V-4500 Vinyl Windows Wider frame and sash for improved durability and performance of vinyl window



Architecturally Accurate Vinyl Windows

Even sightlines in window creates a balanced, symmetrical look increasing visual appeal



Optional Decorative Grids Grids are permanently attached to both the interior and exterior glass for an authentic divided lite look



New or **Replacement Window** Window Projects JELD-WEN vinyl windows are ideal for new construction or new replacement window projects



Vinyl With Nailfin Frame Pre-punched nailfin simplifies installation for construction applications and is removable for replacement

projects



Energy Efficient Glass Low-E glass keeps your home warmer in the winter and cooler in the summer



Insulated Vinyl Windows Argon gas is denser than air improving thermal insulation between glass panes



Limited Lifetime Warranty Designed for longevity and backed with a limited lifetime warranty



Glass Breakage Warranty Accidental glass breakage included with vinyl window

Attractive, durable and simple to operate. These are the core values of a JELD-WEN Single-Hung Window. This window has a top sash that is fixed in place while the bottom sash slides up and down and can be removed for ease of cleaning. Add to that its clean design that complements most architectural styles and you are sure to get the look that's just right for your home. Whether its for new construction or replacement, the V-4500 Single-Hung Window offers low maintenance due in part to a multi-chamber, fusion-welded frame for reliable structural performance. Efficiency plays a big role as well, keeping your home cooler in the summer and warmer in the winter to keep you comfortable and lower energy costs.

- Low-E-366 glass, which provides more protection • against heat gain by blocking harmful infrared rays, as well as providing greater energy savings
- Slamming your windows shut is a thing of the past with • the block and tackle balance system

- Moving sashes tilt inward for easy cleaning and maintenance
- Interior and exterior window color is white
- Low maintenance, durable vinyl for long-term use
- Cam-lock has a simple, elegant and secure design
- Screen included with window
- Fusion-welded frame for reliable structural performance
- Check local building codes before beginning your project to ensure compliancy
- Not all products are suitable for locations that experience severe weather
- Shop All Jeld Wen Windows Here
- Shop All Jeld Wen Vinyl Windows Here
- California residents see Prop 65 WARNINGS

Info & Guides

- Instructions / Assembly
- Use and Care Manual
- Warranty

You will need Adobe® Acrobat®

Reader to view PDF documents.

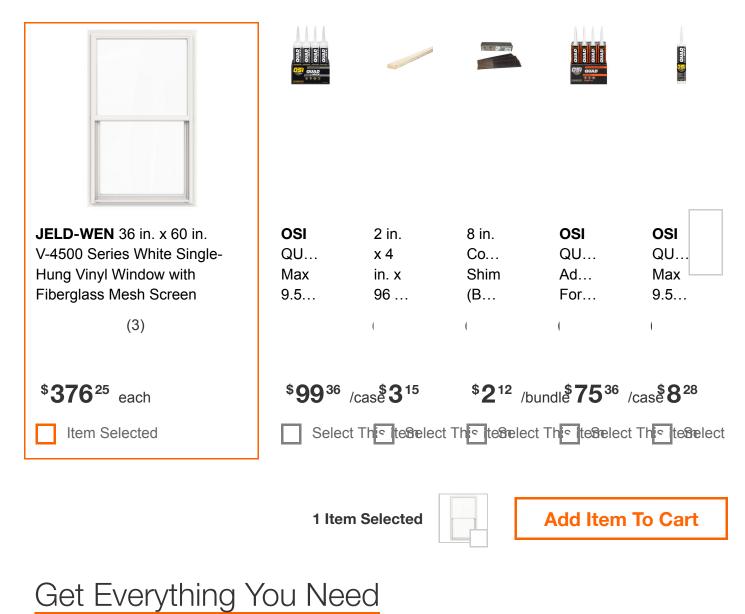
Download a free copy from the Adobe

Web site.

Get Everything You Need (7)

Current Product

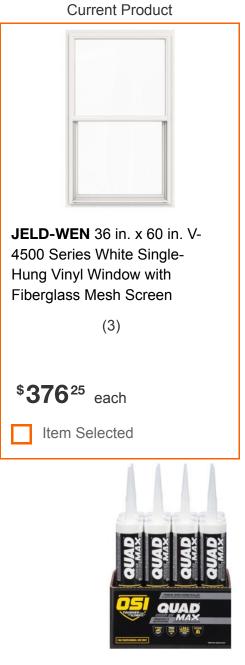
JELD-WEN 36 in. x 60 in. V-4500 Series White Single-Hung Vinyl Window with Fiberglass Mesh Screen-THDJW143900817 - The Home Depot







+2 More items



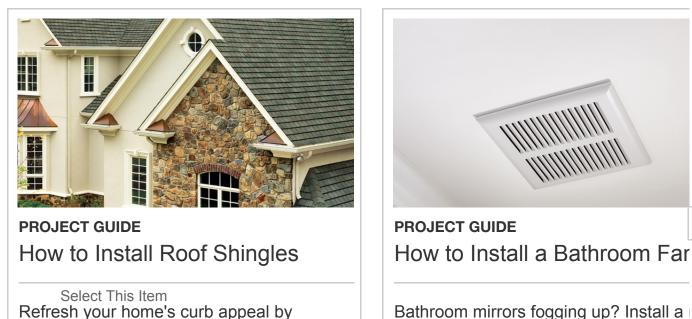
OSI QUAD Max 9.5 fl. oz. White #001 Window Door and Siding Sealant (12-Pack)

(215)

\$99³⁶ /case

Select This Item

Based on Your Interests



Refresh your home's curb appeal by replacing your roof shingles.

Read Our Guide

Read Our Guide

bathroom exhaust fan.

Specifications

Dimensions

Grid Width (in.)

None

Jamb Depth (in.)

3.25 Select This Item

Product Depth (in.)

5/4/20,	9:31	AM	

3.25

Product Height (in.)

59.5

Product Width (in.)

35.5

Rough Opening Height (In.)

60

Rough Opening Width (In.)

36

Width (in.) x Height (in.)

35.5 x 59.5

Details

Exterior Color/ Finish

White

Exterior Color/Finish Family

White

Features

Argon Gas Insulated, Insect Screen, Integrated Nail Fin, Meets Egress Requirements, Tilt-In Cleaning

Frame Material

Vinyl

Select This Item

Frame Type

Nail Fin
Glass Type
Energy Efficient Glass,Low-E Glass
Glazing Type
Double-Pane
Grid Pattern
No Grid
Grille Type
No Grille
Hardware Color/Finish Family
White Select This Item
Included
Hardware,Screen
Interior Color/Finish Family
White
Lock Type
Cam Action
Number of Grids
No Grid
Number of Locks
2
Select This Item Product Weight (Ib.)

50lb

Returnable	
180-Day	
Solar Heat Gain Coefficient	
.22	
U-Factor	_
.29	_
Window Type	
Single Hung, Tilt & Turn	
Window Use Type	_
New Construction, Replacement	

Warranty / Certifications

Energy Star Qualified

North-Central,South-Central,Southern

Manufacturer Warranty

Limited Lifetime

How can we improve our product information? Provide feedback.

Recently Viewed Items





TAFCO WINDOWS 18 in. x 36 in. Single Hung

(206)

Owens Corning Oakridge Algae Resistant Estate

(269)



Owens Corning Supreme Algae Resistant

(346)



JELD-WEN 36 in. x 80 in. Colonist Primed Right-Hand

(9)

Home / Doors & Windows / Interior & Closet Doors / Prehung Doors



JELD-WEN 30 in. x 80 in. Colonist Primed Right-Hand (112)



JELD-WEN 30 in.

Primed Right-Hand

(2)

x 80 in. Colonist

\$186⁰⁰





JELD-WEN 30 in. x 80 in. Colonist Primed Right-Hand (4)

\$18600



\$**180**00

Internet #202646639

\$18600

Model # THDJW136500955





Colonist Primed Right-Hand Textured Solid Core Molded Composite MDF Single Prehung Interior Door

(9) Write a Questions & Review Answers (1)

- Prehung composite MDF door includes frame for easier installation
- Solid core doors dampens sound transmission throughout home
- Actual unit size is 37-3/8 in. W x 81-11/16 in. H

^{\$19100}

Save up to \$100[◊] on your qualifying purchase. Apply for a Home Depot Consumer Card

Door Size (WxH) in.: **36 x 80**



Door Handing: Right-Handed

Left-Handed

Right-Handed

How to Get It

HardiePlank[®]

HardiePlank® Lap Siding Product Description

HardiePlank[®] lap siding is factory-primed fiber-cement lap siding available in a variety of styles and textures. Please see your local James Hardie[®] product dealer for product availability. HardiePlank lap siding comes in 12 ft. lengths. Nominal widths from 5 1/4 in to 12 in. create a range of exposures from 4 in to 103/4 in

HardiePlank lap siding is also available with ColorPlus[®] Technology as one of James Hardie's prefinished products. ColorPlus[®] Technology is a factory applied, oven-baked finish available on a variety of James Hardie siding and trim products. See your local dealer for details and availability of products, colors, and accessories.

The HZ5[®] product line is right at home in climates with freezing temperatures, seasonal temperature variations, snow and ice. HZ5[®] boards are the result of our generational evolution of our time-tested products. We've evolved our substrate composition to be specifically designed to perform in conditions found in these climates. To ensure that its beauty matches its durability, we've engineered the surface for higher performance, giving it superior paint adhesion and moisture resistance. In addition, we've added a drip edge to the HardiePlank[®] HZ5[®] lap siding product to provide improved water management in conditions specific to HZ5[®] climates.



Select Cedarmill[©]



Beaded Smooth



Smooth

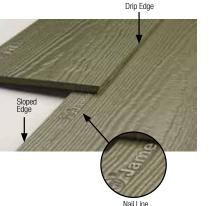


Custom Colonial Roughsawn®





Custom Colonial Smooth®





Working Safely

Tools for Cutting and Fastening

ESR-1844 & 2290 Report

85



Select Your Store Menards Pro 🗸 Help Center 🗸 Credit Center 🗸 Gift Cards 🗸

Order Tracker **Rebate Center**

Owens Corning® Classic® 20-Year Warranty 3-Tab Shingles (33.3 sq ft) Model Number: JL10 | Menards[®] SKU: 1512801



Online Price

FINAL PRICE	\$ 11 56 /bndl
11% MAIL-IN REBATE Good Through 5/9/20	\$1.43
SALE PRICE Limited Time Offer	\$12.99
EVERYDAY LOW PRICE	\$17.99

\$0.35 /sq.ft

You Save \$6.43 After Sale Price & Mail-In Rebate

Gift Registry

Variation: Bark Brown

* Mail-in Rebate is in the form of merchandise credit check, valid in-store only. Merchandise credit check is not valid towards purchases made on MENARDS.COM[®].





Shipping Available

Low Inventory Alert!

Description & Documents

Owens Corning® Classic® traditional three-tab shingles are constructed of weathering-grade asphalt and a fiberglass mat core. They offer a solid value with curb appeal and durability!



Features

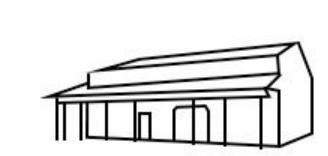
- Lasting durability
- Fiberglass mat core
- · Ideal for garages and storage buildings
- 3 bundles cover 100 sq ft

~

Specifications

Product Type	3-Tab Shingles	Manufacturer Warranty	20 year
Listing Agency Standards	ASTM D228, ASTM D3018, ASTM D3161, ASTM D3462, ASTM D7158, ASTM E108, ICC ES AC438, UL 790, UL ER2453-01	Color/Finish	Bark Brown
Coverage Area	33.3 square foot	Exposure	5 inch
Overall Length	36 inch	Overall Width	12 inch
Resistance Features	60 MPH Wind Resistance Limited Warranty, Class A Fire Resistance	Fire Rating	E108 & UL790 CLASS A FIRE RESISTANCE
Material	Fiberglass	Weight	65 pounds
View Return Policy			

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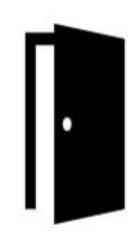


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BLAKE ENGINEERING, LLC

Firm Registration No.: F-5276 Licensed Professional Civil Engineer Foundation / Construction / Structures / Hydraulics Plans, Inspections, Forensic and Expert Witness Services

22014 Pelican Edge, San Antonio, Texas 78258 <u>spblake@sbcglobal.net</u> Phone: 210 497-1079 Mobile: 210 414-1409

May 28, 2020

Contractor / and or Client / Owner (CCO) Space and Time Remodeling, Inc Sergio Yutani 239 Greenlawn Dr., San Antonio, Texas 78201; 210 505-9125

Subject: Residential Demolition Letter – Rear Detached Structure 245 Lovera Blvd., San Antonio, Texas

Mr. Yutani:

At the rear of the subject property, an approximate 16'x16' structure was demolished for reasons of reconstruction. Based on conversation and photographs of the structure prior to demolition, it appeared water entry into the walls, roof, and floors of the structure caused considerable damage and likely created a major health concern.

It appeared the roof structure and exterior wall framing lacked structural integrity and likely did not satisfy currents building codes. It appears the roof structure and exterior wall covering materials were dilapidated and lacked continuous maintenance.

It appeared the interior floor surface was at or near ground level which allowed water entry. From within the interior of the structure, there were water stains, water damage, and wall panel warping from the bottom to the top of several walls, indicating water entry at the bottom and top of the walls.

There were visual indications of mold-type substances on the face of several walls, which indicates there was probably mold-type substances in the interior of the walls to a larger degree.

In my opinion, based on my experience, knowledge, information and belief; the demolition of the subject structure was a reasonable course of action and likely a decision I would recommended because of the moisture-damaged framing members, the apparent lack of structural integrity of the structure, the lack of elevated floor surface, and the probable presence of the mold-type substances throughout the exterior and interior of the framing.

The information in this report is provided for the use only by the person to whom this report is addressed and is in no way intended to be used by others who may have different requests, usage, objectives, or requirements. If a third person chooses to use this information, or if additional information related to this inspection becomes available, caution is advised and BE should be consulted for further review and possible addendums that may affect the information contained herein or the stated opinion(s). This is considered true and accepted upon the use of this report.

As denoted by the engineering seal on this letter, we believe that we have fulfilled obligations as the engineer under the Texas Engineering Practice Act pursuant to its requirements to protect the public health, safety and welfare in the practice of engineering. We further believe we have met those requirements insofar as our responsibility for observation of the work for adequacy is concerned.

If there are any questions, comments, or concerns with the contents of this report or the Terms and Conditions, please contact Blake Engineering, LLC (BE) without delay.

Respectfully, Stephen P. Blake, P.E

05/28/2020

Stop Beak PE

This document was electronically signed and sealed. Please Review Blake Engineering, LLC Terms and Conditions



Blake Engineering, LLC Terms and Conditions

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This document is submitted with the understanding that all parties, including the Contractor, Homeowner, Client, and City, are aware that Blake Engineering, LLC (BE) did not design any of the framing, previous and current, and was not continuously onsite to supervise any of the construction work but only reported on the above-mentioned work for adequacy. BE was not consulted for engineering guidance prior to the beginning of construction and was only notified for observations and discussions for adequacy after completion or near completion of construction and therefore, not the engineer of record and not liable or responsible for the future performance of the stated work. This is considered true and accepted upon use of this document by all or any party. The conclusions in this report is not intended to make any representation regarding latent or concealed defects that may exist or were not discovered, or completeness to conformance to building code; but for adequacy to performance as intended and warranted by CCO. There is no warranty or guaranty given by BE and none is expressed or implied. A copy of this certification shall be submitted or provided to all concerning parties, including the Client, Property Owner and governing agency, without delay for recognition of completion and the Terms and Conditions.

The information in this report, as requested, is the rendering of a professional service and <u>sole purpose is to provide</u> <u>opinion and not intended to dictate actions or provide instructions</u>. It is not claimed that the conclusions in this report or observations made during our visit(s) are a complete discovery or detection of problems or defects, or complete conformance to building code. But rather an opinion of the general observations made as intended, requested and arranged by the CCO, and as indicative of the nature and cost of the visit(s) on which the stated opinion(s) is based. Blake Engineering is not responsible or liable for any action(s) or transaction(s) associated with the contents of this report or as a result of the use of this report. This is considered true and accepted upon the use of this report by all or any party.</u>

No history or previous performance of the structure or property was provided. No investigations, testing, or inspections, exhaustive or advanced, were performed or requested to the performed at this structure or on the property to discover any latent defects or problems that may become evident after occupying or taking possession of the building, including but not limited to the foundation, drainage, structure, framing, roof, attic, maintenance of the building, soils, and utilities including plumbing, gas, electricity, and HVAC. Inspection for hazardous gases or materials is considered beyond the scope of this reporting. Blake Engineering will perform additional services including testing and investigating if requested in writing and agreed upon. There is no warranty or guaranty given by BE and none is expressed or implied as a part of this report performed by Blake Engineering, LLC.

In recognition of the relative risks, rewards, and benefits of the acceptance or use of BE for the development of this report or the use of this document; to all parties including the Contractor, Owner, Property Owner, Client, governing agency and BE, the risks have been allocated such that you agree that, to the fullest extent permitted by law, the liability of BE to all parties including the Contractor, Owner, Property Owner, Client, and governing agency, for any and all injuries, claims, losses, expenses, damages or claims expenses arising out of this participation for any cause or causes, shall not exceed the sum of all fees paid to BE. Such cause(s) include but are not limited to BE's negligence, errors, omissions, strict liability, breach of contract or breach of warranty. BE reserves the right to recover any and all expenses and losses incurred due to legal action(s) directed at BE or indirectly involving BE from any and all parties associated with this subject action(s).







