## The City of Norman Historic District Commission APPLICATION FOR CERTIFICATE OF APPROPRIATENESS (COA)

Application Submittal Steps:						
	Step 1	Review guidelines for proposed work in the Historic Preservation Handbook available at City of Norman website: ( <a href="http://www.normanok.gov/planning/historic-preservation">http://www.normanok.gov/planning/historic-preservation</a> ) or by calling 405-366-5392).				
	Step 2	Contact Historic Preservation Officer to discuss proposed work at (405-366-5392) or <a href="mailto:anais.starr@normanok.gov">anais.starr@normanok.gov</a>				
	Step 3	Submit the following items by <b>12:00 p.m.</b> on the deadline date.				
			It is strongly recommended that you meet and /or discuss your proposed work with the Historic Preservation Officer, prior to the submission deadline!			
			Completed Application Form			
			Application Fee of \$75			
ΑT	TACHME	NT A	Copy of Property Deed to demonstrate ownership. If you do not have a copy, one may be obtained through the Cleveland County Court Office, 405-366-0240.			
ΑТ	TACHME	NT B	Site Plan, Elevation Drawings if needed and all other required supporting documents			
ΑТ	TACHME	NT C	Certified Adjacent Property Ownership List. A Radius Map delineating the adjacent property owners will be furnished and must be used to compile the list of the adjacent property owners. The adjacent property owner list must be certified by a licensed lawyer, engineer, surveyor, or abstract company.			

#### **COA Application Review Process:**

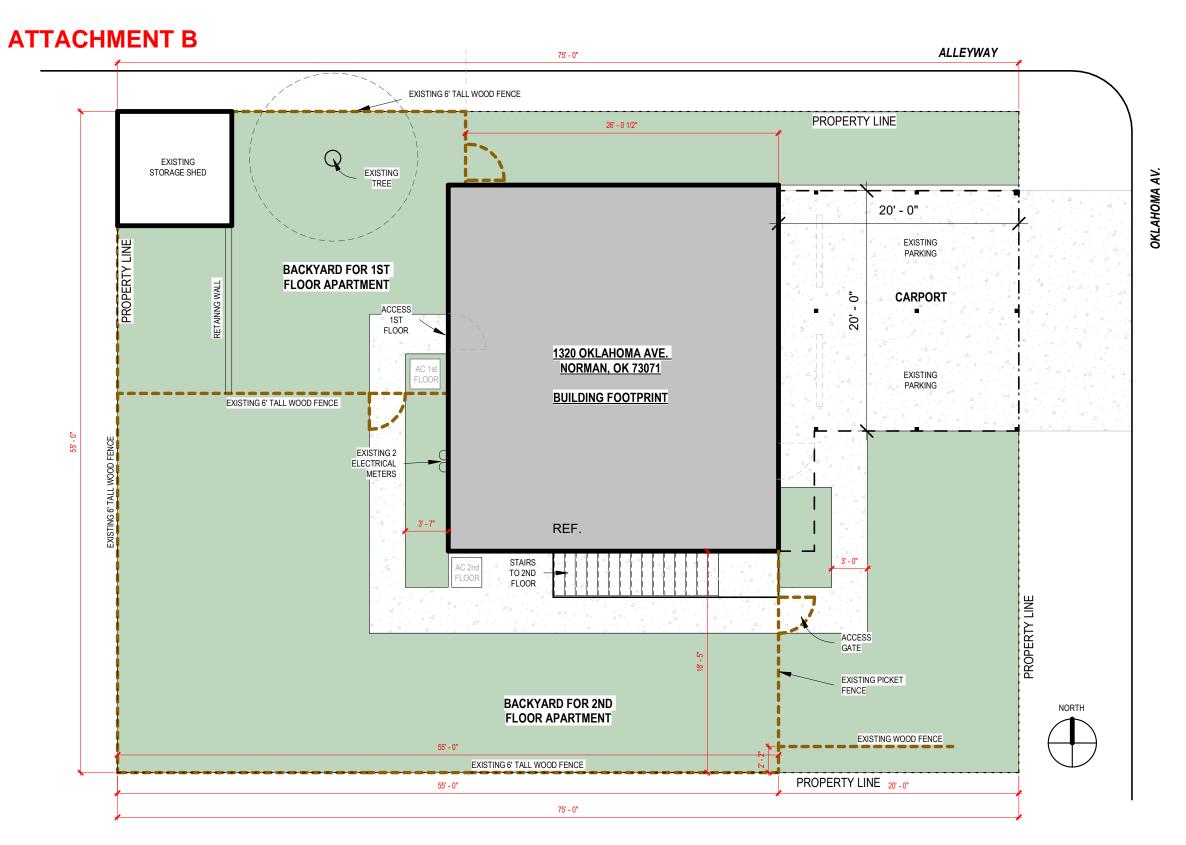
- 1) Your application, along with the filing fee and supporting documents, must be submitted by **noon** on the filing deadline in the Planning Department (201 W Gray Street, Building A).
- 2) After your application and required supporting documents are filed, the Historic Preservation Officer will review the application to ensure it is complete. Incomplete applications will not be forwarded to the Commission. If the COA request for proposed work is complete, it shall be placed upon the next month's Historic District Commission Meeting agenda for a public hearing. A legally required sign will be posted in the yard of the property of the request at least 7 days prior to the meeting. This sign must remain until 10 days after the public hearing for the COA request. At least 5 days prior to the meeting, a notification letter of your application request will be mailed to all adjacent property owners. These owners, and any other citizen, may attend the public hearing in support or protest of your request.
- 3) At the Commission meeting approximately one month after you file your completed application (first Monday of each month), your request will be considered at a public hearing. You will be sent notice of this meeting along with a staff report. You or a designated representative must be present at the meeting. The city staff will introduce your request, you and any interested citizen will have the opportunity to speak to the Commission concerning the request. After presentation of the request, the Commission will discuss and vote to approve or deny the request. Applicants may appeal a denial of their request to the City Council.
- 4) If you have any questions, please contact the Historic Preservation Officer at (405)366-5392.

	S	taff Only Use:			
The City of Norman Historic District Commission	н	ID Case #			
APPLICATION FOR CERTIFICATE OF APPROPRIATENESS	(COA)	ate			
	R	eceived by:			
Note: Any relevant building permits must be applied for and paid Community Development Office 405-366-5311.	for separately	in the Planning and			
Address of Proposed Work: 1320 Oklahoma Ave. Norn					
Applicant's Contact Information:					
Applicants Name:Edwin Amaya					
Applicants Phone Number(s):4056382976	Applicants Phone Number(s):4056382976				
Applicantos E-mail address:edwin.amaya.r@	Applicants E-mail address:edwin.amaya.r@gmail.com				
Applicants Address: 800 Brian Ct Moor	Applicants Address: 800 Brian Ct Moore OK 73160				
Applicantos relationship to owner: ® Contractor ® En	gineer ® Ard	chitect			
Owner's Contact Information: ( if different than applicant)					
Ownerc Name: Edwin Amaya	Ownerc Name: Edwin Amaya				
Ownercs Phone Number(s):4056382976					
Ownerqs E-mail:edwin.amaya.r@gm	nail.com	า			
Project(s) proposed: (List each item of work proposed. Work not listed here cannot be reviewed.)					
<sup>1)</sup> See ATTACHMENT D					
2)					
3)					
4)					
Supporting documents such as project descriptions, drawings and pictures are required see checklist page for requirements.					
Authorization:					
I hereby certify that all statements contained within this application, attached documents and transmitted exhibits are true to the best of my knowledge and belief. In the event this proposal is approved and begun, I					
agree to complete the changes in accordance with the approved plans and to follow all City of Norman					
regulations for such construction. I authorize the City of Norman to enter the property for the purpose of					
observing and photographing the project for the presentations and to ensure consistency between the					
approved proposal and the completed project. Understand that permitted without prior approval from the Historic Preservation Co					
Property Owner's Signature:		Date:05/10/2024			
® (If applicable): I authorize my representative to speak in matters regarding this application. Any					
agreement made by my representative regarding this proposal wi Authorized Representative's Printed Name:	ıı be binding u	роп те.			
Authorized Representative's Signature:  Date:					

The City of Norman Historic District Commission Certificate of Appropriateness Request  Application Checklist						
Supporting Documents						
The purpose of supporting documentation is to illustrate existing conditions and proposed work as installed. Photos, site plan, elevation drawings, and specification sheets all need to clearly illustrate both the existing status as well as the proposed changes. It recommended that you meet with the Historic Preservation Officer prior to submitting your COA application request to ensure you have a complete application by deadline. Incomplete applications will not be forwarded for review by the Historic District Commission. Please contact staff to discuss project before submitting application (405)366-5392.						
☑ A. Documentation of Existing Conditions – Pictures of the appearance, condition and dimensions of any existing materials to be replaced or altered must be submitted.						
☑ B. Site Plan – Show existing structures and site elements as well as proposed structures and site elements. The following elements should be included on a site plan drawn to scale:						
<ul> <li>☑ Buildings, garages, sheds</li> <li>☑ Fences, walls</li> <li>☑ Sidewalks, driveways, parking pads</li> <li>☑ Patios, decks, Swimming pools, etc.</li> <li>☑ Trees (see F Tree Preservation Plan)</li> <li>Note: Additions and New Structures need to show adjacent property structures and site elements on the site plan.</li> </ul>						
☐ C. Illustration of the proposed materials and design - Photos, drawings and/or samples must be provided to illustrate the design, materials, and finishes of the proposed work.						
☐ D. Elevation drawings and floor plans indicat	ing existing and proposed features:					
☐ Exterior materials ☐ Doors ☐ Foundation materials, dimensions ☐ Roof, ridgeline, chimneys	☐ Architectural Elements ☐ Windows ☐ Porches, stoops, gutters ☐ Steps, ramps, railings					
☐ E. Trees Preservation Plan showing (required for major projects only, such as additions). This can be included on site plan. Show existing large shade trees 8" in diameter or greater and existing ornamental trees greater than 4" in diameter. Description of how existing trees will be protected during construction needs to be provided. Any trees proposed to be removed must be indicated.						
☐ F. Additional Documents for New Construction						
☐ Streetscape elevation of existing structure and adjacent structures	☐ Floor height of proposed house addition, comparison to adjacent properties					
☐ Color Photos of site - front, side and rear	☐ Total height of proposed house or addition, comparison to neighboring structures					
☐ Site Plan to include structures, pavement, trees of subject property and adjacent properties	☐ Elevation drawings of each façade of proposed house or addition					
☐ Topographical information if proposing to change grades of site	□ Floor Plans					

Revised: 11/16/20

AIS

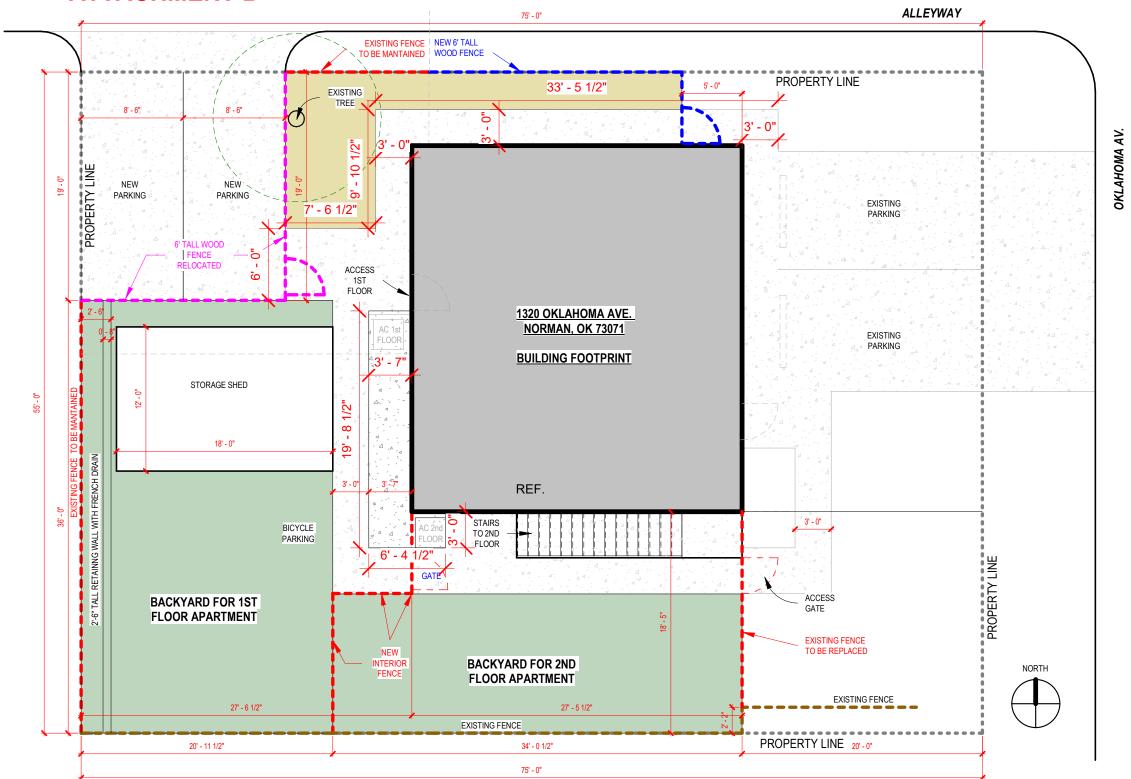


NORMAN DUPLEX
1320 Oklahoma Av. Norman OK 73071

SITE PLAN EXISTING

Scale: 1/8" = 1'-0" 6/7/2024 7:07:45 PM

#### **ATTACHMENT B**



1 SITE PLAN 1/8" = 1'-0"

NORMAN DUPLEX
1320 Oklahoma Av. Norman OK 73071

FUTURE SITE PLAN

Scale: 1/8" = 1'-0" 6/7/2024 7:07:45 PM

#### ATTACHMENT D

#### COA REOUEST FOR NON-CONTRIBUTING PROPERTY 1320 OKLAHOMA AVE. NORMAN OK 73071- LIST OF IMPROVEMENTS

This property in the Southridge Historic District has deteriorated over many years. Although it is a non-contributing property without a specific historic architectural style, we are committed to revitalizing it. Our goal is for it to shine like another great home in the neighborhood. Here is the list of the exterior items we propose to make.

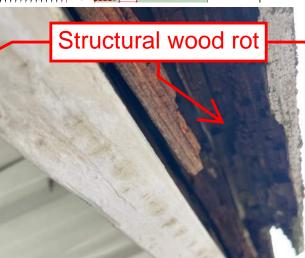
- 1. **Carport Demolition**. Due to extensive structural damage, safety concerns, and lack of historic significance, we propose demoing the current carport and its attached entry canopy.
- 2. **New Entry Canopy 1st Floor**. To replace the entry canopy demoed on item# 1, we propose building a new entry canopy over the main door (east side) that matches the material, size, and design of the current canopies on the property.
  - a. Option 1: Match the elongated canopy.
  - b. Option 2: Match the normal entry canopy in the property.
- 3. **Replacement of Existing Siding**. The current siding is old and damaged. We propose to replace it with LP SmartSide horizontal lap siding. This will maintain the overall look while bringing an updated, durable look to a dated facade.
- 4. **Replace Windows**. Throughout the years, many of the original single-pane windows have deteriorated beyond repair due to mold and wood rot. Many have been either replaced with vinyl, or aluminum frames or covered entirely with metal storm windows. To bring a new life to the facade we propose updating them all to aluminum frame single hung windows PLY GEM 4800 series to ensure a better exterior design, more durability, and higher energy efficiency.
- 5. **New Entry Canopy 2nd Floor**. The exterior stair landing does not have a canopy to protect people and the door from the elements. We proposed a new canopy that matches in material, size, and style of canopies already on the property.
- 6. **New Storage Shed**. The current rusted metal storage shed is in bad structural condition and is extremely unsafe. We propose to install a new one that closely matches the property's historical character. The new location of the shed will be more internal within the property, away from the alleyway and Oklahoma Ave (behind the building)
- 7. **Expanded Sidewalk**. Expand the current sidewalk to wrap around the north side of the building to improve safety and current humidity and pest issues.
- 8. New Windows. We would like to add new windows to what is now the attic space.
  - a. Option 1: Adding 4 total windows: 2 on the north and 2 on the south side.
  - b. Option 2: Adding 1 or 2 dormers on the back side of the building so there is no major change will be visible from the main road while keeping the north and south elevations with the same number of windows. Three possible variations on this.
- 9. **Rebuild Pony Wall**. The current Pony backyard wall has fallen into disrepair and needs to be replaced. We propose a new wall using the same material (CMU blocks) while incorporating a new drain to prevent future water runoff from the west.
- 10. **Expanded Fence**. For privacy and safety concerns we propose to partially extend the existing fence line on the north side of the property (along the alleyway) The fence will match the existing fence.
- 11. **Eliminate Sidedoor**. The south door has not been operational for many years, because the first floor has two additional entry/exit points. We propose eliminating this door to provide a better landing space for the new exterior stairs.
- 12. New Parking Create two new concrete parking spaces in the NW corner of the lot.
- 13. Replace Entry Doors: Replace all three exterior doors: two on the first floor and one on the second floor.
- 14. Relocated and Interior Fence: Relocated fence due to new parking and new interior fence. All to match the existing fence style on the property.
- 15. Impervious Area Calculation: Calculation of impervious ares on site to make sure to meet the 65% threshold.

# Carport Demolition

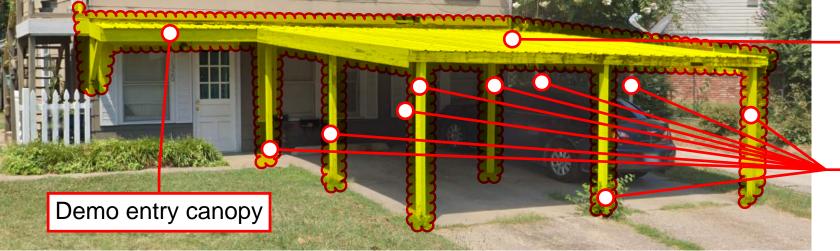






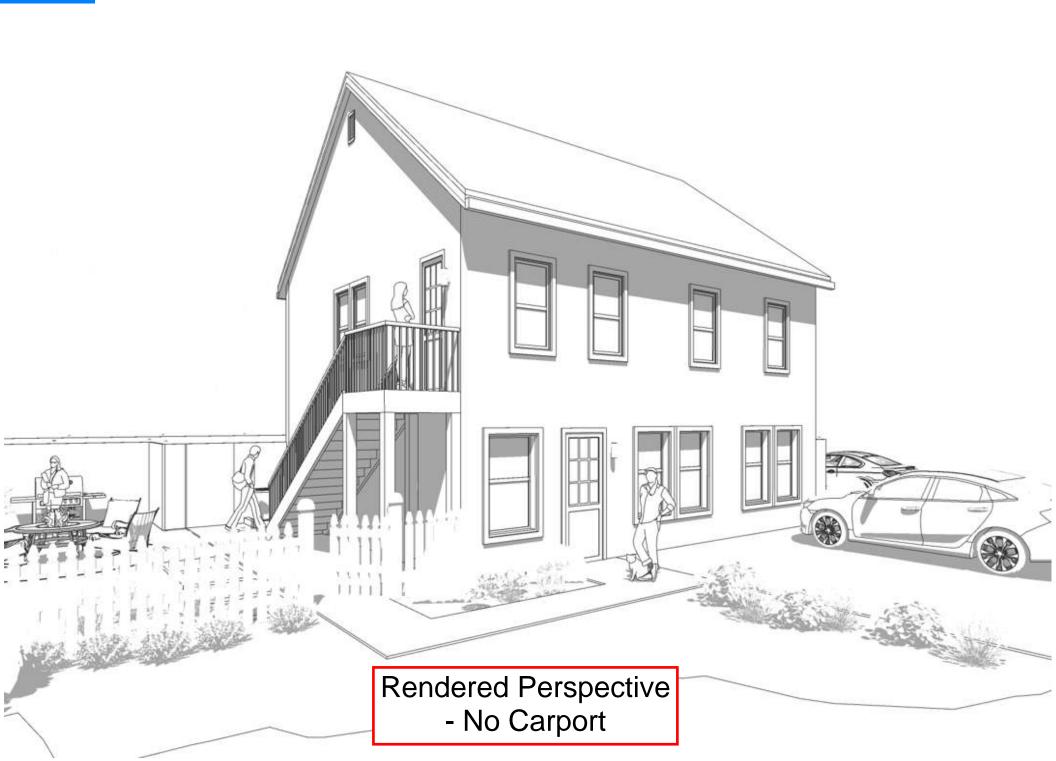






Demo carport roof

Demo carport 9 columns



# New Entry Canopy 1st Floor

New canopy location if carport is allowed to be demolished. Choose option 1 or option 2 from below



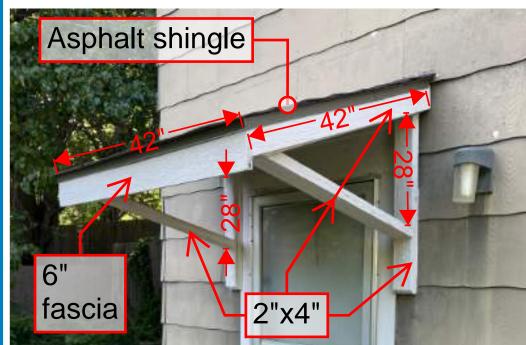
## Option 1 - Match elongated canopy

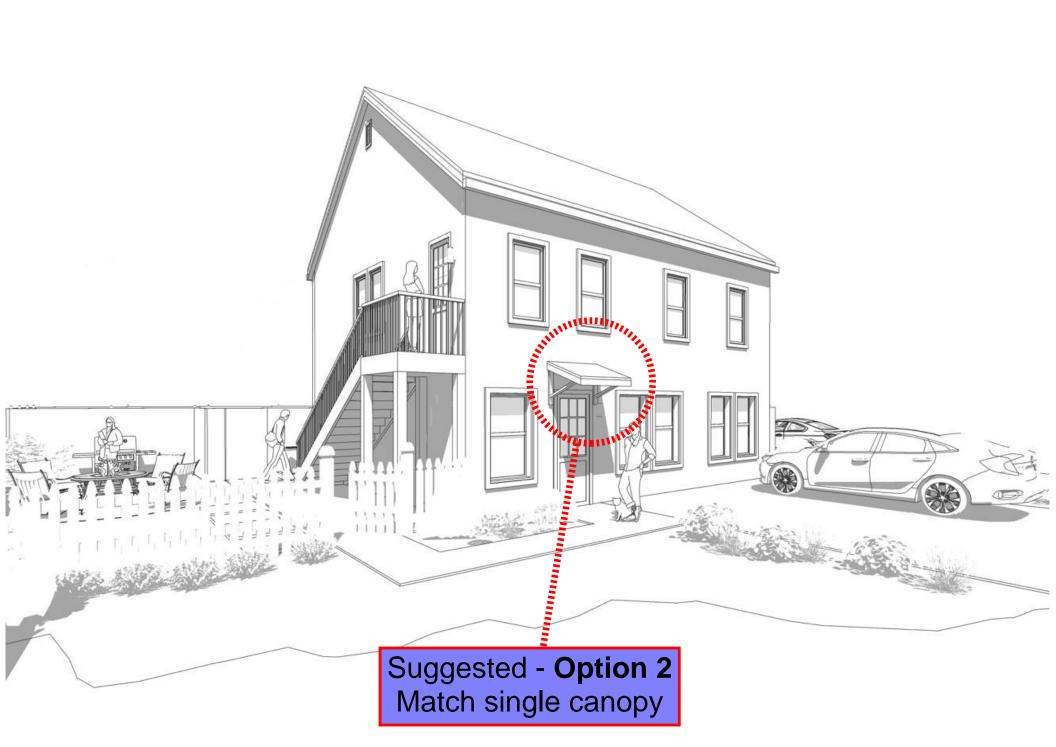
Painted wood, uses the same elements, proportions, and angles as existing.

# 

### Option 2 - Match single canopy

Painted wood, uses the same elements, proportions, and angles as existing.





# Replacement of Existing Siding

#### Existing siding is damaged allowing water and pest penetration











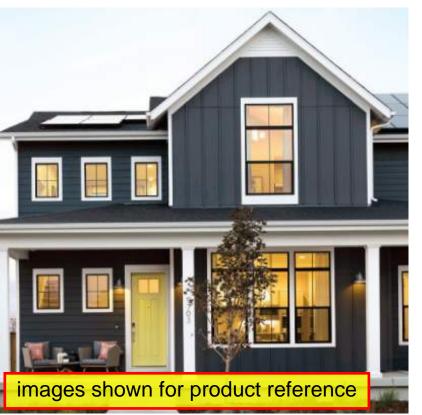


## We propose replacing existing siding with LP SmartSide Siding











## **Proposed Siding:**

- LP SmartSide Siding.
- Horizontal Lap Siding and trim.
- 38 Series Cedar Texture.
- 11.84" height.
- 16' board length.
- Primed, to be painted.
- Match as close as possible existing.





THE LP SMARTSIDE DIFFERENCE



#### Lighter Weights:

LP SmartSide lap siding weighs 45% less per foot than fiber cement lap siding.



#### Longer Lengths:

LP SmartSide siding's 16-foot lengths may lead to fewer seams and cuts, compared to fiber cement's 12-foot lengths.







#### **Advanced Durability:**

LP SmartSide siding is less prone to breakage than fiber cement, helping to reduce



## Replacement of Existing Siding

With over 20 years of exceptional performance as a full home siding solution, it's easy to see why LP® SmartSide® Trim & Siding has become the #1 brand of engineered wood siding. LP has redefined traditional building materials with treated engineered wood products that offer game-changing durability, workability and beauty.

## THE DURABILITY DIFFERENCE



With four components of protection, the LP® SmartGuard® process adds strength and helps LP® SmartSide® products withstand impacts, damage from freeze/thaw cycles, high humidity, fungal decay and more. Alongside an industry-leading limited warranty, you can depend on LP SmartSide products for advanced durability.

- More resistant to impact than fiber cement
- Survives golf-ball-sized hail and stands up to harsh weather in any climate
- Withstands up to 200 mph wind gusts and 78 mph fastballs
- Will stay attached to a home better than fiber cement during extreme weather events
- Holds its value over time with a 5/50-year limited warranty covering both labor and material replacement

## WORKABILITY THAT SAVES TIME & RESOURCES



Our treated engineered wood siding cuts out the time you spend dealing with warped and split pieces when properly stored and applied. Virtually every piece leaves the mill straight and ready to use.

- LP SmartSide lap siding installs faster than fiber cement lap siding
- Less prone to accidental breakage during handling and installation compared to fiber cement
- No special equipment needed for cutting or installing; works and cuts like traditional wood
- Easier to carry and 45% lighter per foot than fiber cement

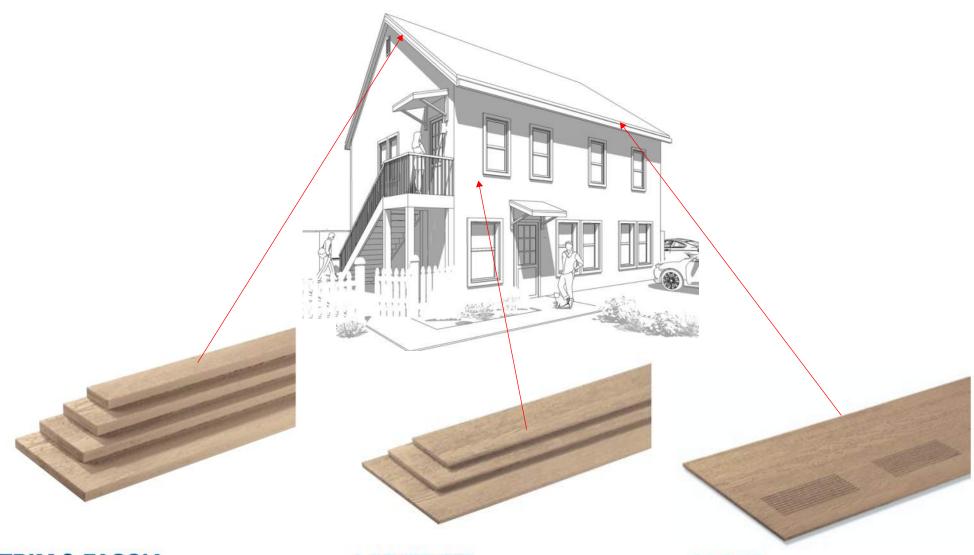


# BEAUTY DESIGNED FOR PEACE OF MIND



LP SmartSide Trim & Siding has been the siding of choice for over 20 years for homeowners who want uncompromising quality and distinctive curb appeal. Our treated engineered wood siding can completely transform your home's look.

- Comes pre-primed for exceptional paint adhesion
- Realistic cedar-grain texture offers a striking natural appearance
- Smooth finish offers a clean, modern look
- Longer lengths can allow for fewer seams on your home
- LP® SmartSide® ExpertFinish® Trim & Siding offers 16 versatile colors to fit any home's style



#### **TRIM & FASCIA**

Details to add interest and curb appeal to any home's look, available in brushed smooth and cedar texture

#### LAP SIDING

Easier-to-maintain traditional siding, available in cedar texture

#### SOFFIT

Ventilation that completes a clean exterior look and serves as a finishing touch

# Replace Windows

Multiple mismatched windows, non working conditions, wood rot and mold.



Multiple mismatched windows, non working conditions, wood rot and mold.



Multiple mismatched windows, non working conditions, wood rot and mold.



#### **Proposed Windows:**

- Brand: Ply Gem.
- Material: **Aluminum** with thermally broken frame.
- Type: Single Hung 4800 Series.
- Size: Custom sizes to match existing openings.
- Frame Color: White
- Grille Patterns: None (as original)

















# **Replace Windows**

#8. Storm windows over wood-rotten, not working.

**#9.** Storm windows over wood-rotten, not working.



**#1.** Metal & wood. Partially works. Wood rot.



**EAST** 

**#2.** Metal & wood. Partially works. Wood rot.



**#3.** Metal & wood. Does not work. Wood rot.



#4. Metal & wood. Does not work. Wood rot.

#7. Storm windows over

wood-rotten, partially working.



**#6.** Metal storm windows over wood-rotten, not working.



**#5.** Metal & wood. Does not work. Wood rot.



**#10**. Wood window. Not working. Wood rot.



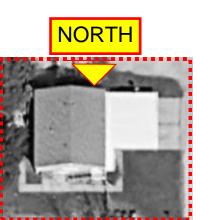
**#11**. Vinyl window partially working. Wood rot.







**#12.** Vinyl window. Fully working.

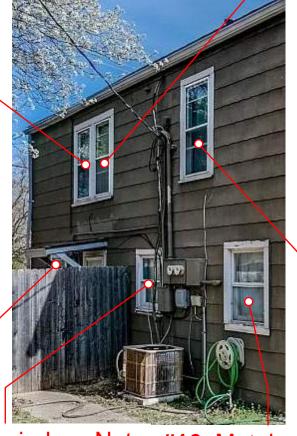


**#13**. Wood window. Not working, wood rot.



**#14.** Wood window. Not working, wood rot.





**#15.** Wood window. Not working, wood rot.



**#16.** Metal window. Working.



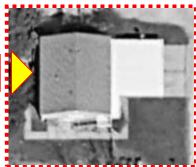
**#18**. Wood window. Partially working. Wood rot.



**#17**. Wood window. Not working, wood rot.







**#19**. Metal storm windows over wood structure -rotten. Working.





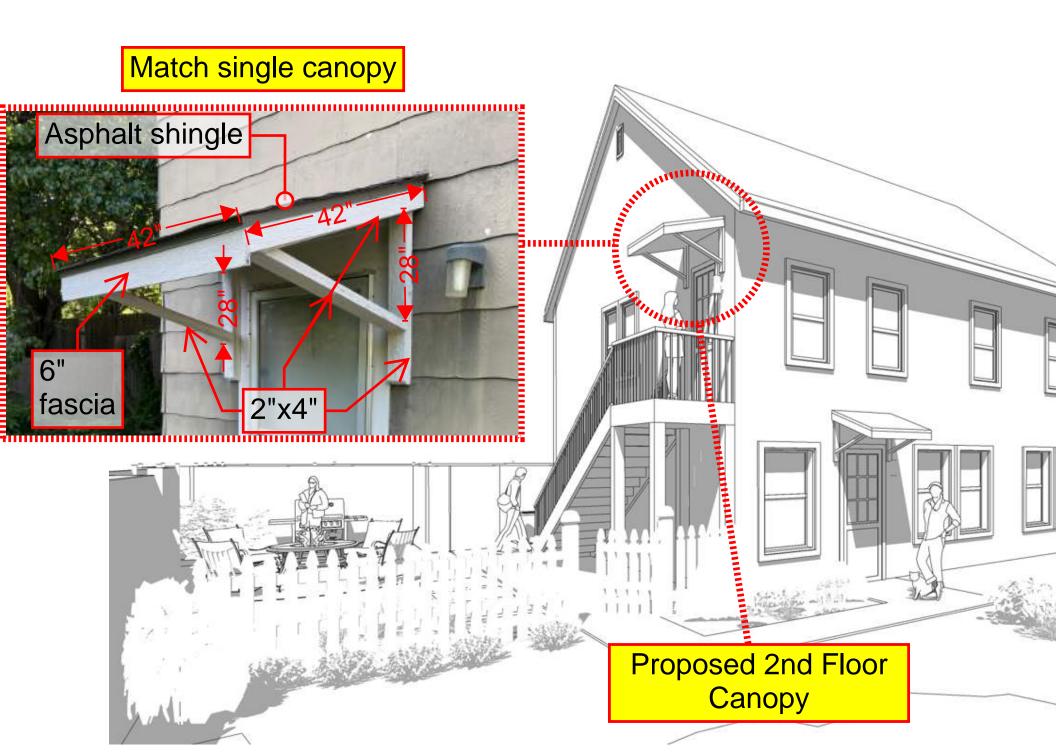
**#20**. Metal storm windows over wood structure -rotten. Working.



**#21**. Vinyl window. Working.

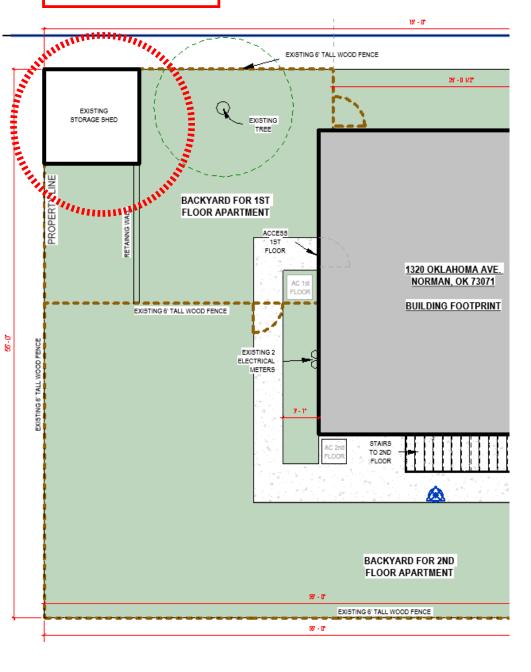


# New Entry Canopy 2nd Floor



# New Storage Shed

## **Existing Site**



#### **Proposed Storage** Shed EXISTING FENCE NEW 6' TALL 33' - 5 1/2" TREE PROPERTY LINE PARKING 7' - 6 1/2" ACCESS\* 15T FLOOR 1320 OKLAHOMA AVE. NORMAN, OK 73071 BUILDING FOOTPRINT STORAGE SHED The Manual Control of the Control of BICYCLE TO 2ND BACKYARD FOR 1ST FLOOR APARTMENT BACKYARD FOR 2ND FLOOR APARTMENT 211 - 6 1/21

#### **Shed Information:**

- Brand: Little Cottage Co.
- Area: 12 ft. x 18 ft. (216 sq. ft.)
- Value Workshop-Outdoor Wood Storage
   Shed Precut Kit with Operable Windows
- LP SmartSide Siding (same as bldg)

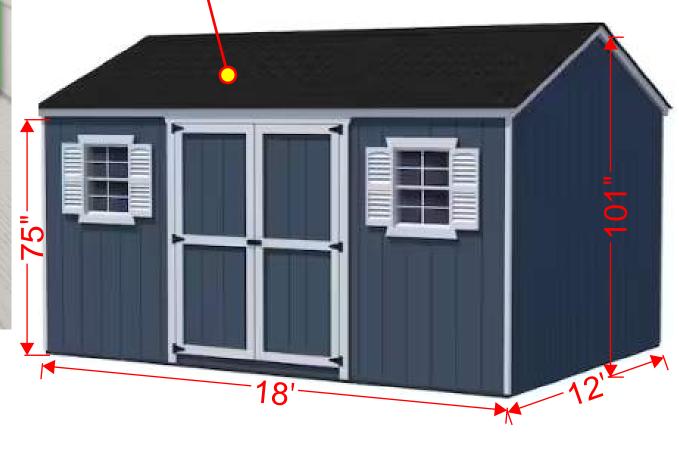


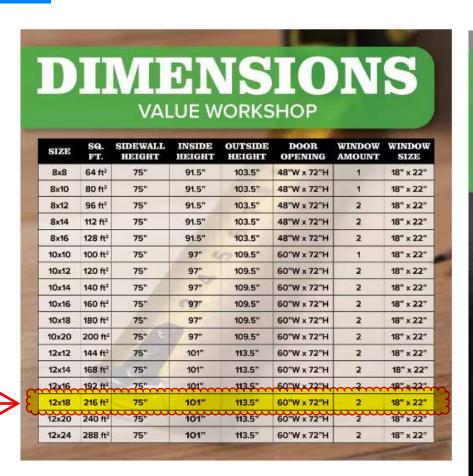
# BACKED 50-YEAR WARRANTY

LP® SmartSide® treated siding offers engineered protection against moisture, fungal decay, and insect infestation—backed by a 50-year limited warranty.



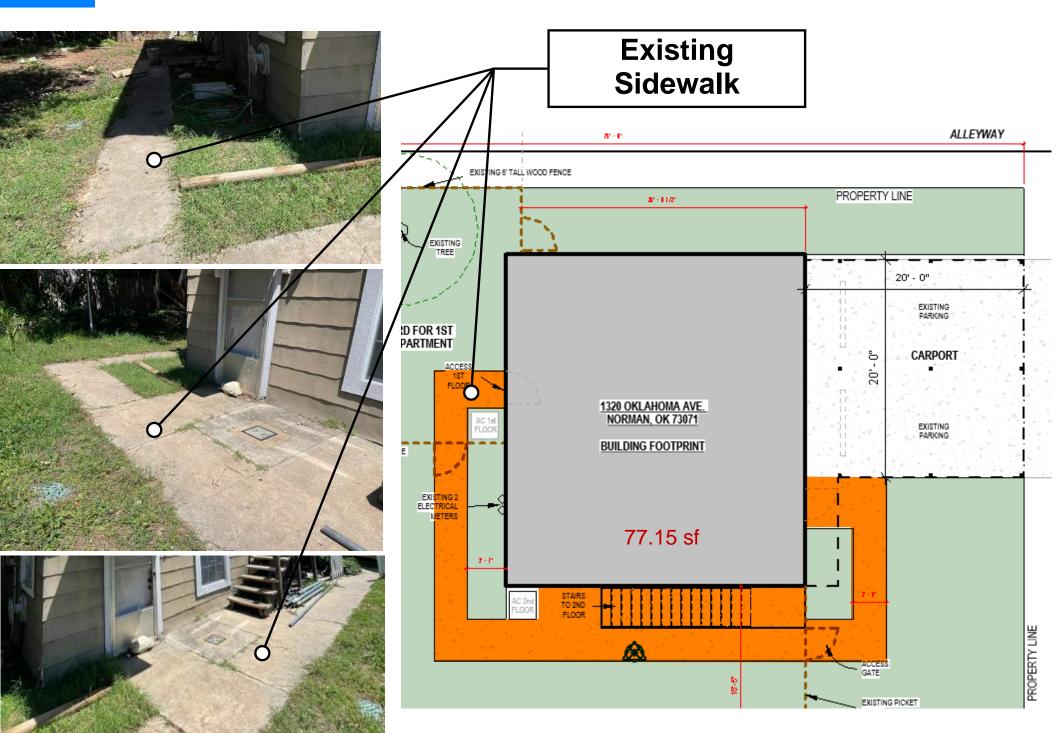








# Expanded Sidewalk



## Proposed Expanded Sidewalk

- 5" thick concrete sidewalk

- Sub grade: 4" compacted gravel, crushed stone

- Finish: Broom

- Control Joints: max. every 8'

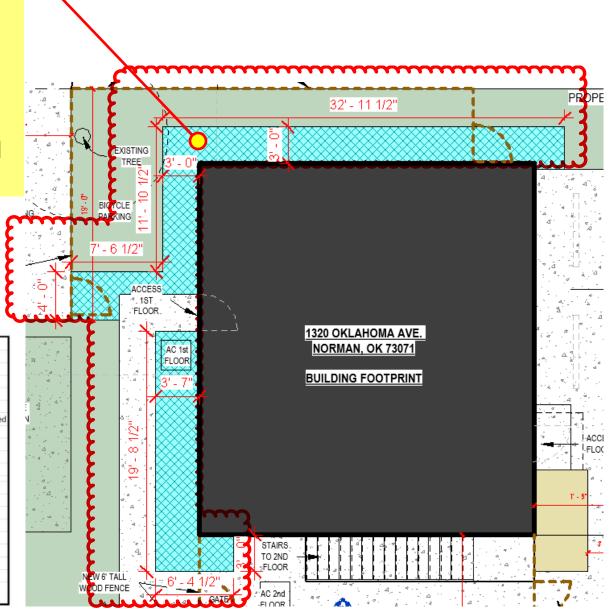
- Tie into existing sidewalk with drilled

#3 rebar at 16" O.C.

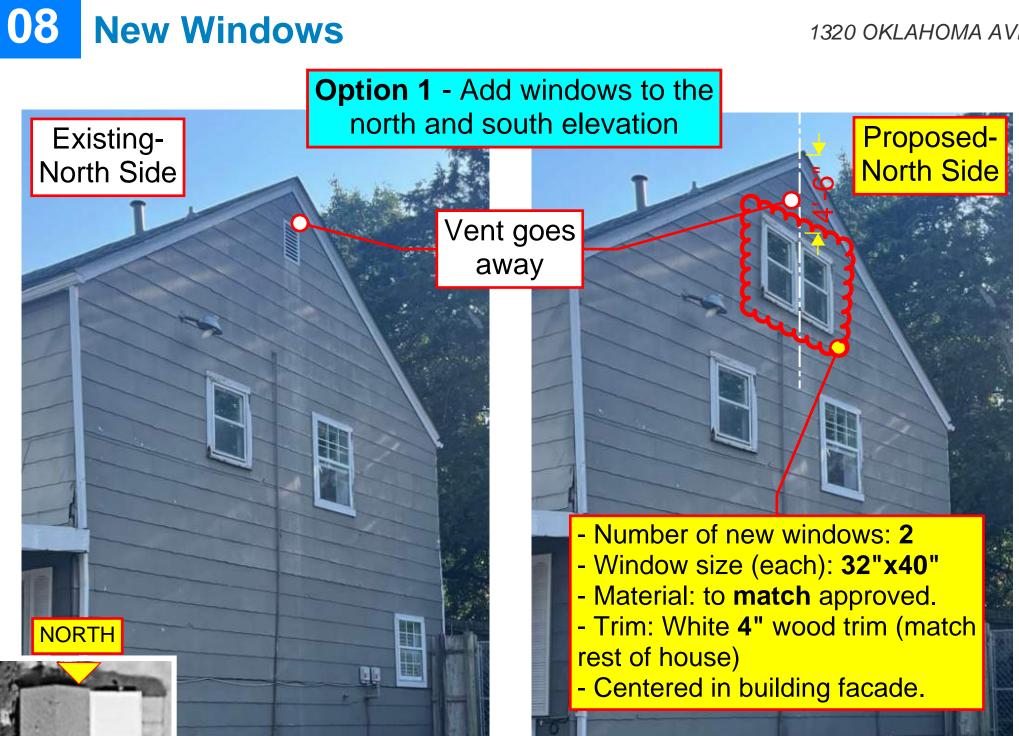
## **Impervious Area Calculation**

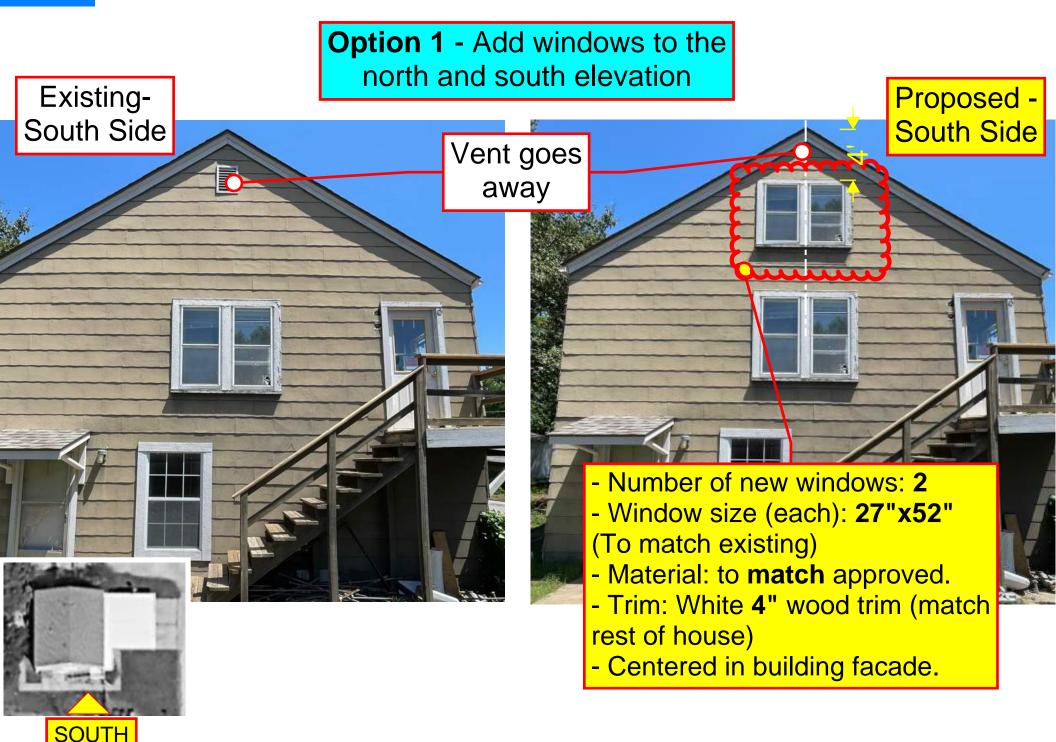
It does not exceed required 65%

BU	ILDING AREA UNDER ROOF	AREA	UNIT	NOTE
Α	Lot Area	4125.00	sf	
В	Project Area	1848.62	sf	Both floors + Carport
C	Living Area	1532.00	sf	Total heated area
Bu	idling Footprint			
D	Existing Structure	824.31	sf	Bldg
Ε	New/Proposed	192.00	sf	To complete area for 12x16 shed
F	Total Building Coverage (D+E)	1016.31	sf	
G	% Total Building Coverage (F/A)	24.64%	% of lot	
н	TOTAL BUILDING IMPERVIOUS COVERAGE ON LOT		sf	
PA	VING/OTHER			
ı	Paving/Other Impervious Areas:			
	1. Existing	770.00	sf	sidewalk & driveway
	2. New/Proposed	820.90		
J	Total Paving/Other Impervious Coverage	1590.90		
K	% Paving Coverage (J/A)	38.57%	% of lot	
	Combined (Paving + Building)	63.21%		Less than 65% as required by City of Norman

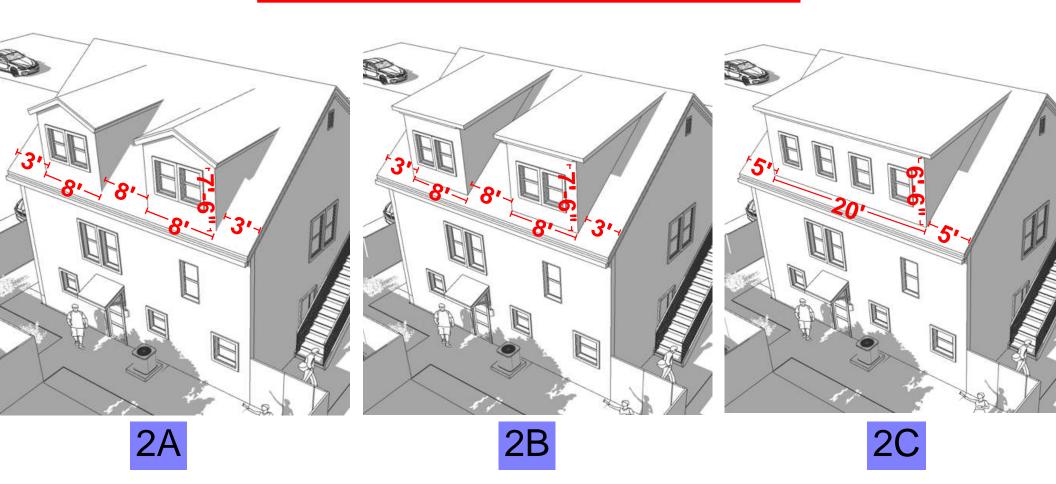


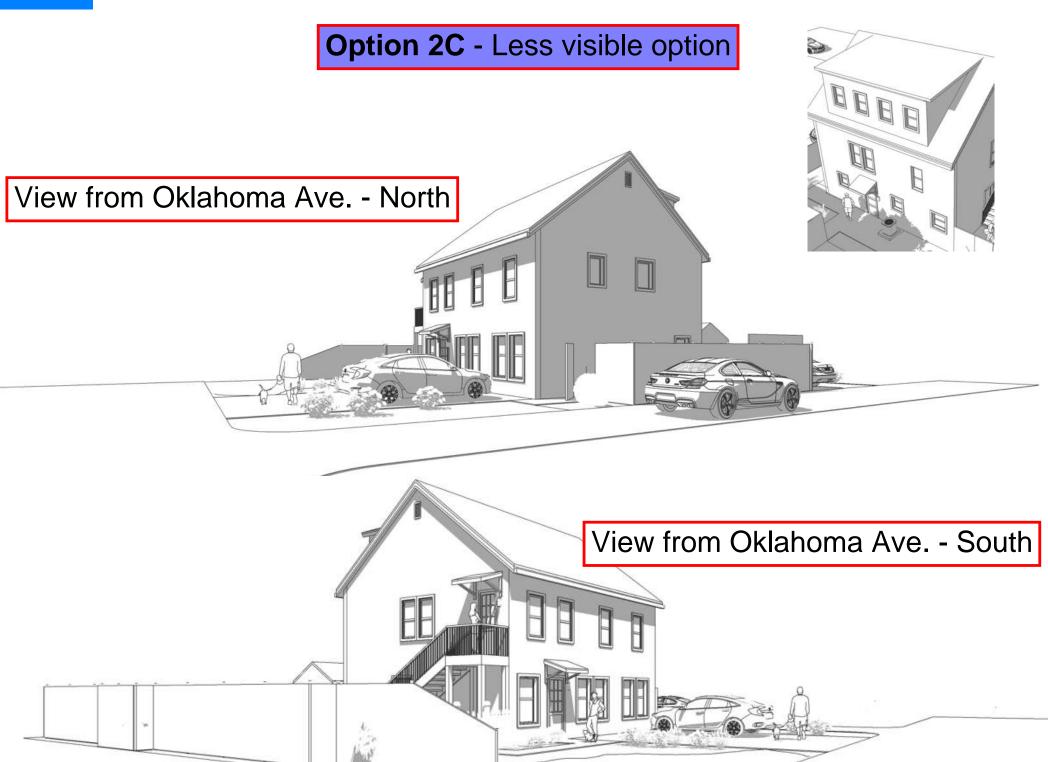
## New Windows





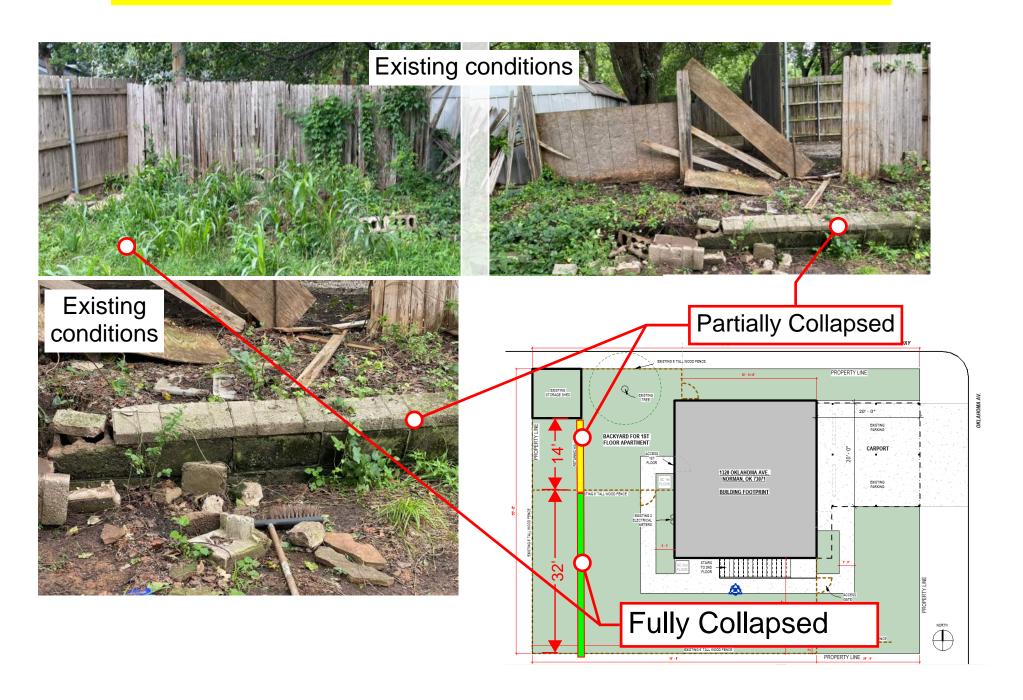
Option 2 - Add dormer to the west side. (Doesn't change main elevations)



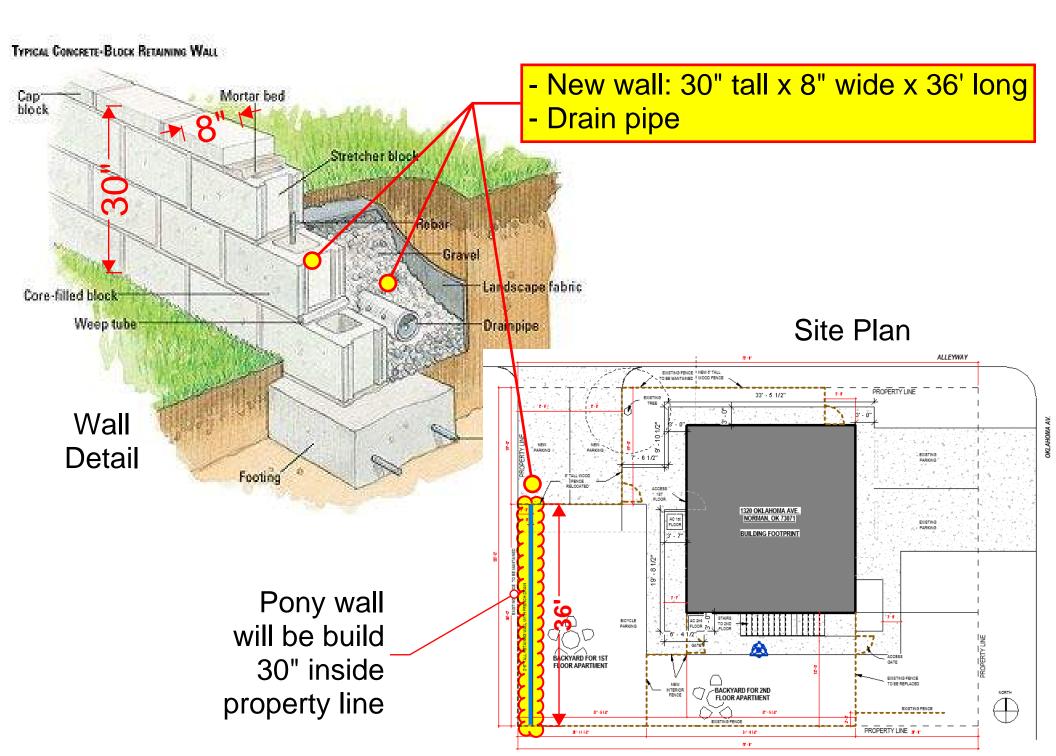


## Rebuild Pony Wall

## Pony/retaining wall has collapsed, we proposed to rebuild it



## 09 Rebuild Pony Wall

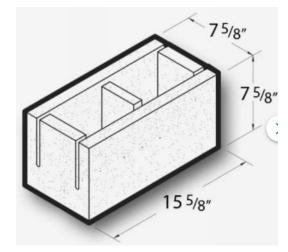


## 09 Rebuild Pony Wall

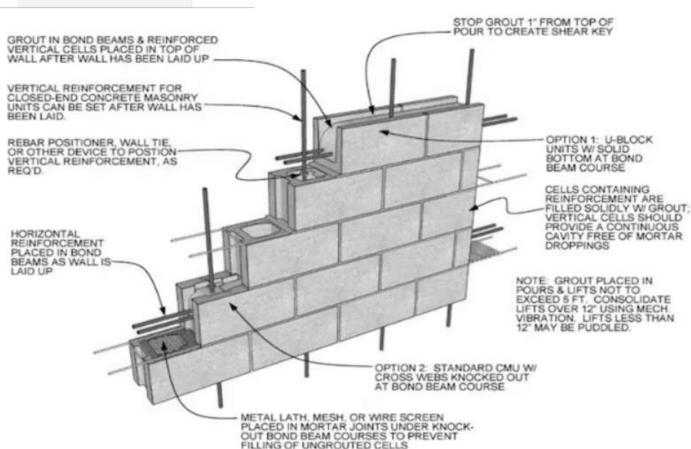
## Midwest Products Group 8-in W x 8-in H x 16-in L Concrete Block Cored Concrete Block



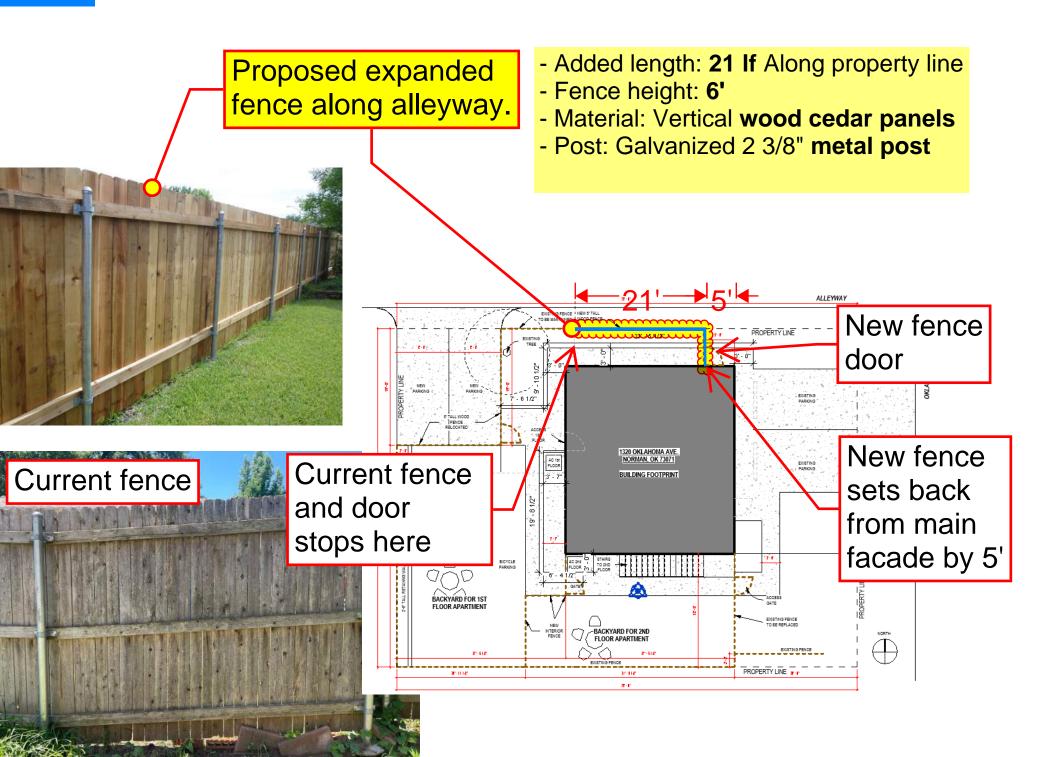
∰ Dimensions			
Block Weight	Normal weight	Height (Inches)	7.625
Common Height (Inches)	8	Length (Inches)	15.625
Common Length (Inches)	16	Minimum Weight (lbs.)	38
Common Width (Inches)	8	Width (Inches)	7.625



Proposed material for pony wall: **CMU.** 



## Expanded Fence



## Eliminate Side door

Existing



Suggested - Eliminate side door

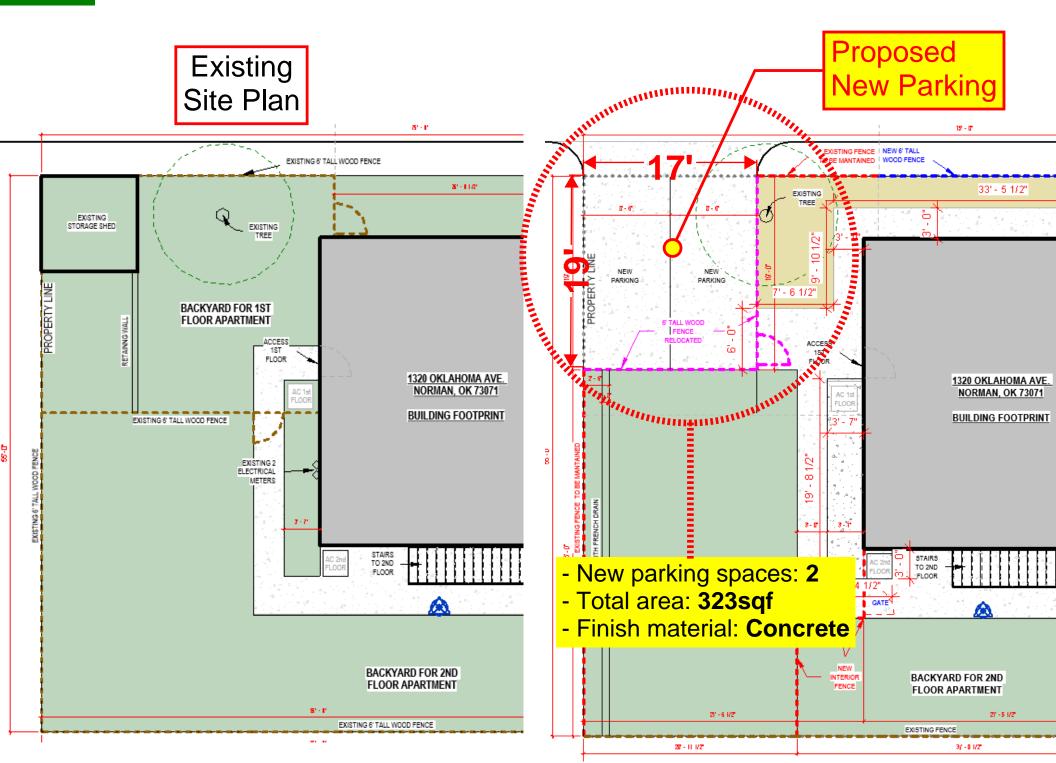


- Door does not serve a function.
- Canopy does not serve a function.

- Replaced with new siding

## New Parking ADMINISTRATIVE BYPASS

## 12 New Parking



## Replace Entry Doors ADMINISTRATIVE BYPASS

## **Replace Exterior Doors**



## Replace front doors

## Door information:

- Brand: Krosswood Doors
- Model: KA.557.30.68.134
- Internet #: 308301768
- Type: **Craftsman 9-Lite** Clear Beveled Glass Knotty Alder Unfinished Wood Front Door Slab
- Size: Match Existing
- New front doors will keep same design as existing.
- Material: Wood
- Panel thickness: 1-3/4"





images shown for product reference





## **Door specs:**

- Brand: Stanley Doors

- Model #: B-ST-36

- Ref. # 203629127

- Size: Match existing opening size.

- Material: Steel

- Type: 2-Panel front door slab (More security)
- 24-Gauge hot dipped galvanized steel
- Coated with polyester thermo-hardened

Dotaile			

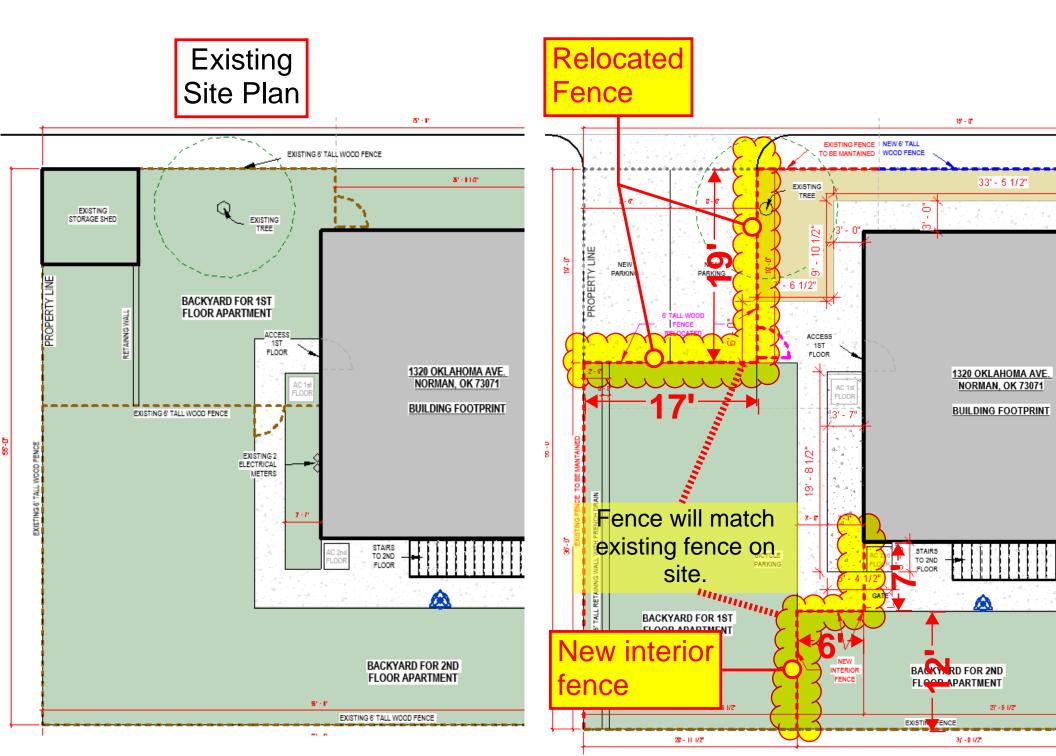
Bore Type	No Bore	Color Family	White
Color/Finish	White	Door Configuration	Single Door
Door Handing	Universal/Reversible	Door Type	Exterior Slab
Features	No Additional Features	Finish Type	Painted
Included	No Additional Items Included	Material	Steel
Panel Type	2 Panel	Product Weight (lb.)	70 lb
Returnable	90-Day	Suggested Application	Back, Basement Entry, Front, Garage Entry, Side

Replace back door (west side)



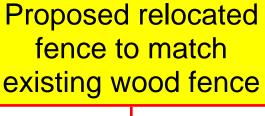
# Relocated and Interior Fence ADMINISTRATIVE BYPASS

## Relocated and Interior Fence



Existing

fence on site







- Added length: 21 If Along property line
- Fence height: 6'
- Material: Vertical wood cedar panels
- Post: Galvanized 2 3/8" metal post

# Impervious Area Calculation ADMINISTRATIVE BYPASS

## Impervious Area Calculation

BACKYARD FOR 2ND FLOOR APARTMENT

BU	JILDING AREA UNDER ROOF	AREA	UNIT	NOTE		
Α	Lot Area	4125.00	sf			
В	Project Area	1848.62	sf	Both floors + Carport		
С	Living Area	1532.00	sf	Total heated area		
Bu	idling Footprint					
D	Existing Structure	824.31	sf	Bldg		
E	New/Proposed	192.00		To complete area for 12x16 shed		
F	Total Building Coverage (D+E)	1016.31	sf			
G	% Total Building Coverage (F/A)	24.64%	% of lot			
Н	TOTAL BUILDING IMPERVIOUS COVERAGE ON LOT		sf		Impervious Areas	Δrea
PA	VING/OTHER				Shed	24
					Sileu	۷.
	Paving/Other Impervious Areas:			77 9 2 17	North sidewalk	154.8
	1. Existing	770.00	200	sidewalk & driveway		
	2. New/Proposed	820.90			Retaining wall	2
J	Total Paving/Other Impervious Coverage	1590.90			Infill	79.0
K	% Paving Coverage (J/A)	38.57%	% of lot			
				Lass than 65% as assuited by	Parking	32
	Combined (Paving + Building)	63.21%		Less than 65% as required by City of Norman	Total	820
_				ALLEYWAY	Total	820
	PARONG PA	MA AVE. 173071	3'-0"	PARKING PARKING	Impervious Areas	
	0 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1		1		Areas	

# ADVANCED DURABILITY FOR LONGER LASTING BEAUTY







## **SHOW YOUR TRUE COLORS**

For even more aesthetic options, primed LP SmartSide products serve as a great option. These products arrive ready to be painted any color so you and your clients can create the look you want. They're also backed by the durability you expect from engineered wood technology. All LP SmartSide products are available in the primed option.



## **LAP SIDING**

Easier-to-maintain traditional siding, available in cedar texture



## **PANEL & VERTICAL SIDING**

Siding that can be used to create the classic board and batten style, among other looks



## **J-BLOCK**

Offers a way to easily and attractively mount light fixtures, water faucets and more



## **NEW NICKEL GAP SIDING**

Offers a modern profile with locking flanges and a fastener groove that hides nails



## **TRIM & FASCIA**

Details to add interest and curb appeal to any home's look, available in brushed smooth and cedar texture



Accent piece with staggered or

straight edges and shiplap ends

for a detailed finish

**SHAKES** 

Ventilation that completes a clean exterior look and serves as a finishing touch



## **MINI-SPLIT**

Install exterior features with ease; can be separated for specific mount styles







## **4810 SERIES SINGLE HUNG**





## **4810 SERIES THERMAL PERFORMANCE**

		NFRC CERTIFIED						
	R Value	U Factor	SHGC	VT				
WARM EDGE								
3/4" IGU Clear	1.61	0.62	0.65	0.67				
3/4" IGU Low E	2.08	0.48	0.31	0.57				
3/4" IGU Low E <sup>SC</sup>	2.13	0.47	0.24	0.44				
3/4" IGU Low E 2+	2.33	0.43	0.30	0.55				
3/4" IGU Low E <sup>SC</sup> 2+	2.33	0.43	0.23	0.43				
3/4" IGU HP	2.27	0.44	0.31	0.57				
3/4" IGU HP <sup>sc</sup>	3/4" IGU HP <sup>SC</sup> 2.27		0.24	0.44				
3/4" IGU HP 2+	2.50	0.40	0.30	0.55				
3/4" IGU HP <sup>sc</sup> 2+	2.50	0.40	0.23	0.43				
	WARM	EDGE						
3/4" IGU Low E	2.13	0.47	0.31	0.57				
3/4" IGU Low E <sup>sc</sup>	2.13	0.47	0.24	0.44				
3/4" IGU Low E 2+	2.38	0.42	0.30	0.55				
3/4" IGU Low E <sup>SC</sup> 2+	2.38	0.42	0.23	0.43				
3/4" IGU HP	2.27	0.44	0.31	0.57				
3/4" IGU HP <sup>sc</sup>	2.33	0.43	0.24	0.44				
3/4" IGU HP 2+	2.50	0.40	0.30	0.55				
3/4" IGU HPsc 2+	2.50	0.40	0.23	0.43				

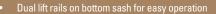
All units are NAMI certified and rated in accordance with NFRC 100/200 standards by an AAMA accredited lab. Performance values reflect the performance of units tested with the following configuration:  $\%^{\circ}$  IGU, 3mm glass and no grilles.

- Low E glass options available including solar cooling glass for warm climates.
   Optional HP glass combines Low-E with argon gas fill for high performance.
   HP options include solar cooling and inside surface Low-E options.
   Impact Rated units are available in select sizes and configurations.

## STANDARD FEATURES

- Thermally broken aluminum frame with polyurethane poured in place and debridged to reduce thermal conductivity of aluminum frame
- construction with electrostatically applied finish
- Sloped sill allows for proper water drainage to the exterior
- Sleek profile provides larger viewing area
- Interior glazing allows for easier glass replacement
- Side load removable bottom sash
- Block and tackle balance system
- Energy-efficient Warm Edge insulating glass







Integral nailing fin with a 1%" setback for simple installation

## **OPTIONS**

## **GLASS OPTIONS:**

Low-E, Low-Esc, Low-E2+, Low-Esc2+, HP, HPsc, HP2+, HPsc2+, obscure and tempered

## **GRILLE OPTIONS:**

Color-coordinated grilles-between-the-glass (GBG) in 5/8", 3/4" flat and 1-3/16" SDL with shadow bar

## PRODUCT CONFIGURATION:

Matching side lites, fixed panels, transoms, segmented transoms and a wide selection of architectural shapes

## HARDWARE OPTION:

## **COLOR OPTIONS:**







representations for color matching. Please request color swatches from your Ply Gem sales representative to do so.

