

Agenda 17 October 2023 7:00 at the shelter house <https://us02web.zoom.us/j/84897995606>

This meeting is being recorded, including both the live and Zoom audiences, for future reference. Please wear a name tag and stand and state your name before speaking. **Brief, on target and to the point.**

Call to Order: Board Members Present: Jo Ann Zahner (via Zoom), James Slaymaker & Richard Soash

Introductions/Announcements/Presentations

Oct 28 Trick or Treating 3:00-7:00

Nov 23 Thanksgiving Day Turkey Trot 8:00 at the clubhouse

Elections Nov 7 - Only University Park residents – including people who rent and live full-time in University Park can vote in our election. You can write in anyone. Board members volunteer their time and energies.

Presentations by the five University Park Board candidates & USD 483 candidate-

Each candidate will have three minutes to present themselves and then residents will have 5 minutes to ask questions.

Their statements are available on the [UP webpage](#)

Approval of previous meeting's minutes and financial report

Old Business

-

Standing Committee Reports

- **Boat ramp** – Don Turner
- **Firewise** – Karla Slaymaker Please turn in FireWire hours to Karla @ kjslaymaker@gmail.com by Nov 1st
- **Golf course maintenance** – Laura Mendenhall See attached
- **Parks & Rec** – James Slaymaker
- **Sewer Update** – Evan McMillan See attached
- **Sherman Township Meeting** Oct 18 at the clubhouse

New Business

- Review of Zahner request to build storage shed
- Review of Jackson request to build house

Adjournment

An update on the lagoon project from Evan McMillan.

Results came back from the geotechnical study and it showed fairly shallow rock at both the burn pit and hole 5. There are a few areas with slightly lower bed rock which may be a possible lagoon location, but we plan to look into other potential sites to see if there is a better option. SMH is working with Terracon to get their input on some other possible locations, I will let you know what I hear.

Funding has been submitted for both the Small Town Water and Sewer Infrastructure Grant, and the KDHE State Revolving Fund (SRF). We received notice that this project is eligible for a large grant under the STWSIA grant (Small Town) which they have mentioned being up to \$1,500,000.00 pending available funds. We will know how much we are locked in within the next few months, hopefully sooner. As for the SRF funding, we are eligible for up to 30% loan forgiveness on this project, also pending available funds.

The USDA funding application is nearly complete, just waiting on some responses for the environmental portion before we can get it finalized. There will likely be an income study performed by USDA to determine what kind of loan forgiveness is available.

University Park Improvement District
7321 Hi-View Drive
Manhattan, Kansas 66503
Request to Build

On _____, 20____, _____ appeared before the regularly scheduled meeting of the University Park Improvement District Board of Directors regarding a building project proposal. After the presentation of his/her building project, it was found by the Board that the proposed building project complies with the University Park Improvement District covenants and guidelines and is hereby approved.

Lot # _____ Property Address 7203 Bayview

Type of Building:

Residential _____ Accessory Building X

Building Information:

Dimensions: Length 24' X Width 14' X Height 12'

Exterior Siding: Masonry _____ Metal _____ Wood X Composite _____ Other _____

Roof: Shingle X Metal _____ Other _____

Stories 1 # Bedrooms 0 # Bathrooms 0

If Manufactured Home: Make Sturdi-Built Year 2023

Setbacks from property line:

Front 50' Back _____ Left Side 8' Right Side 8'

Minimum Setbacks:

Primary Residence: Front 25 ft Back 25 ft Sides 10 ft

Accessory Building: Front 25 ft Back 5 ft Sides 5 ft

Note: No permanent structures are to be built within the 25 foot wide sewer easement.

Date Approved: _____

UNIVERSITY PARK IMPROVEMENT DISTRICT BOARD OF DIRECTORS

[Redacted Signature]

[Redacted Signature]

[Redacted Signature]



PLANNING & DEVELOPMENT
ENVIRONMENTAL HEALTH

SUBMIT

The document must be downloaded to use the submit feature.

Date Received: _____
Receipt: _____
Paid: Cash _____
Check # _____
Credit Card _____

Application for Permit to Build

THE FOLLOWING SHALL BE SUBMITTED WITH THIS APPLICATION:

- ☒ Plot and building plans
- ☐ Written approval from the Environmental Health Specialist for septic and water systems
- ☐ For a commercial, industrial or place of assembly, a fire code approval form from Fire Chief
- ☐ Application must be completed in its entirety
- ☒ Proof of HOA approval if located in Blue River Hills, Random Woods or University Park

Property Owner: Josephine Zahner Daytime Phone: 913-488-2115
Mailing Address: 7203 Bayview Circle City, State, & Zip: Manhattan, Ks 66503
Email Address: jzahner@azahner.com

Builder: Tallgrass Structures Daytime Phone: 785-477-5683
Mailing Address: 8700 US 24 Highway City, State, & Zip: Manhattan, Ks 66502
Email Address: _____

LOCATION DESCRIPTION

Lot: _____ Block: _____ Subdivision: University Park
Parcel Size _____ Acres Property Address: 7203 Bayview Circle

BUILDING AND USE DETAILS

Type of Building: ☐ Residential ☐ Agricultural ☐ Commercial ☐ Industrial
☐ Principal Building or ☒ Accessory Building

If a commercial building: Parking spaces proposed _____

Description of Proposed Building/Structure: 14' x 24' shed

Will the building be used to house livestock? ☐ Yes ☒ No

If manufactured home: Width: _____ Year Built: _____

BUILDING INFORMATION

Dimensions: Length 24 X Width 14 X Height 12 Total S.F. of Area 336
Floors _____ # Stories _____ # Bedrooms _____ # Bathrooms _____ Estimated Cost \$ 13,000

New road entrance to the property being built: ☐ Yes ☐ No Plumbing: ☐ Yes ☒ No

Water Source: ☐ Well ☐ Rural Water ☐ Central ☐ Municipal

Sewage Disposal: ☐ Septic Tank ☐ Lagoon ☐ Central ☐ Municipal

SETBACKS (from property line)

Front: Proposed: _____(ft.) Left Side: Proposed: _____(ft.)

Rear: Proposed: _____(ft.) Right Side: Proposed: _____(ft.)

(continued on back)

Plot Plan For Building Permit in Riley County, Kansas

YOU CAN USE THE GIS WEBSITE TO PRINT MAPS

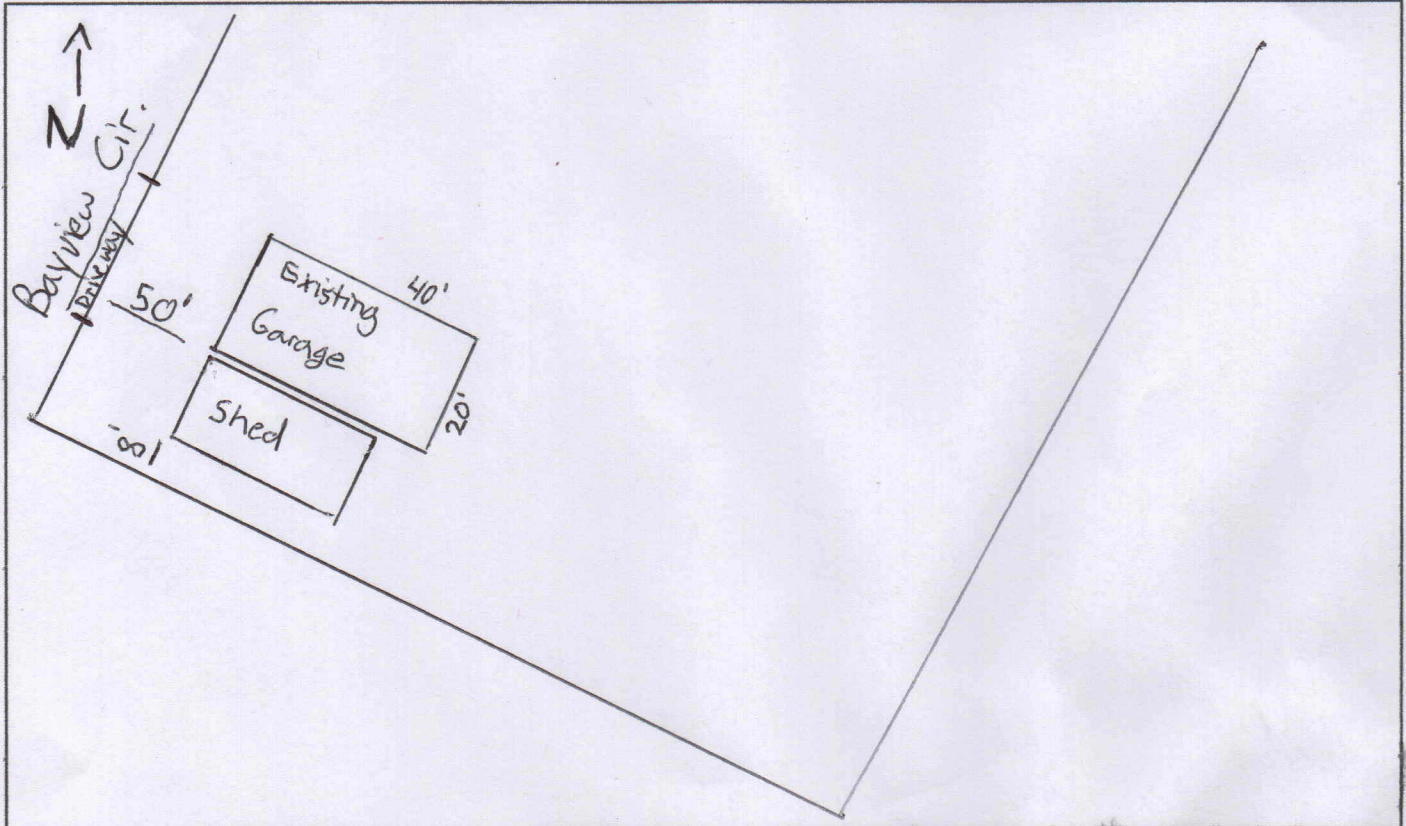
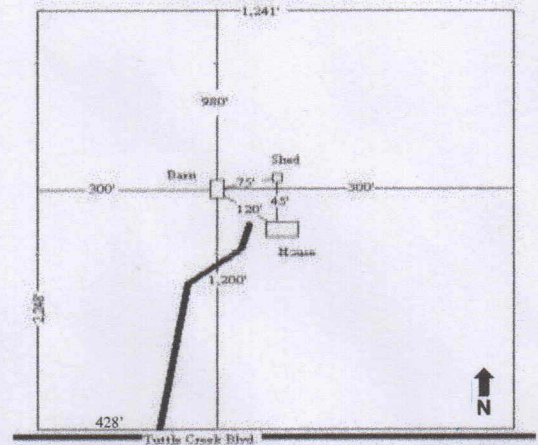
- Just go to: <http://gis.rileycountyks.gov/>
- At the bottom of the page: select "Community Interactive Mapping Website"
- Read the disclaimer and select "Accept"
- Find the property and print

Or

Draw the parcel. The following items must be included:

1. Draw parcel & indicate dimensions.
2. Indicate NORTH.
3. Identify location and dimensions of existing structures.
4. Identify existing or proposed streets, roads, and highways.
5. Identify location and dimensions of proposed construction.
6. Identify setback distances from proposed construction to all property lines and other structures.
7. Indicate location of driveway and its distance from nearest property line.

EXAMPLE



OFFICE USE ONLY

Township: _____ Zoning: _____ S-T-R: _____

Appraiser PID# _____ Road Maintenance: County ☐ Township ☐ State ☐

Flood Map # 200298 _____ G Flood Zone: _____ FDP Required? ☐ Yes ☐ No Parking spaces required: _____

Street Classification: ☐ Local ☐ Minor Arterial ☐ Major Collector ☐ Principal Arterial ☐ Freeway/Expressway ☐ Interstate

Any Property Line Affected By: ☐ Minor Arterial/Major Collector 80' C/L Rd. ☐ Interstate Free/Expressway Principal Arterial 50' ROW-150' C/L Rd.

University Park Improvement District
7321 Hi-View Drive
Manhattan, Kansas 66503

Request to Build

On October 17, 2023, Jim Jackson appeared before the regularly scheduled meeting of the University Park Improvement District Board of Directors regarding a building project proposal. After the presentation of his/her building project, it was found by the Board that the proposed building project complies with the University Park Improvement District covenants and guidelines and is hereby approved.

Lot # _____ Property Address 11405 Rimrock

Type of Building: Residential X Accessory Building _____

Building Information:
Dimensions: Length 60' Width 30' 4" Height 12'

Exterior Siding: _____
Masonry _____ Metal _____ Wood ^{Engineered} LP Composite _____ Other _____
Roof: Shingle X Metal _____ Other _____
Stories 1 # Bedrooms 3 # Bathrooms 2
If Manufactured Home: Make Skyline Year 2023

Setbacks from property line:
Front 30' Back 30' Left Side 50' Right Side 50'

Minimum Setbacks for SF1 zoned lots:

Primary Residence: Front 25 ft Back 25 ft Sides 10 ft

Accessory Building: Front 25 ft Back 5 ft Sides 5 ft

Note: No permanent structures are to be built within the 25 foot wide sewer easement.

Date Approved: _____

UNIVERSITY PARK IMPROVEMENT DISTRICT BOARD OF DIRECTORS

President

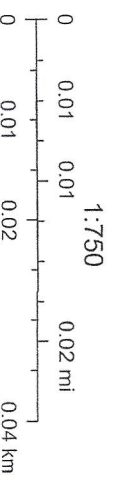
Secretary

Treasurer

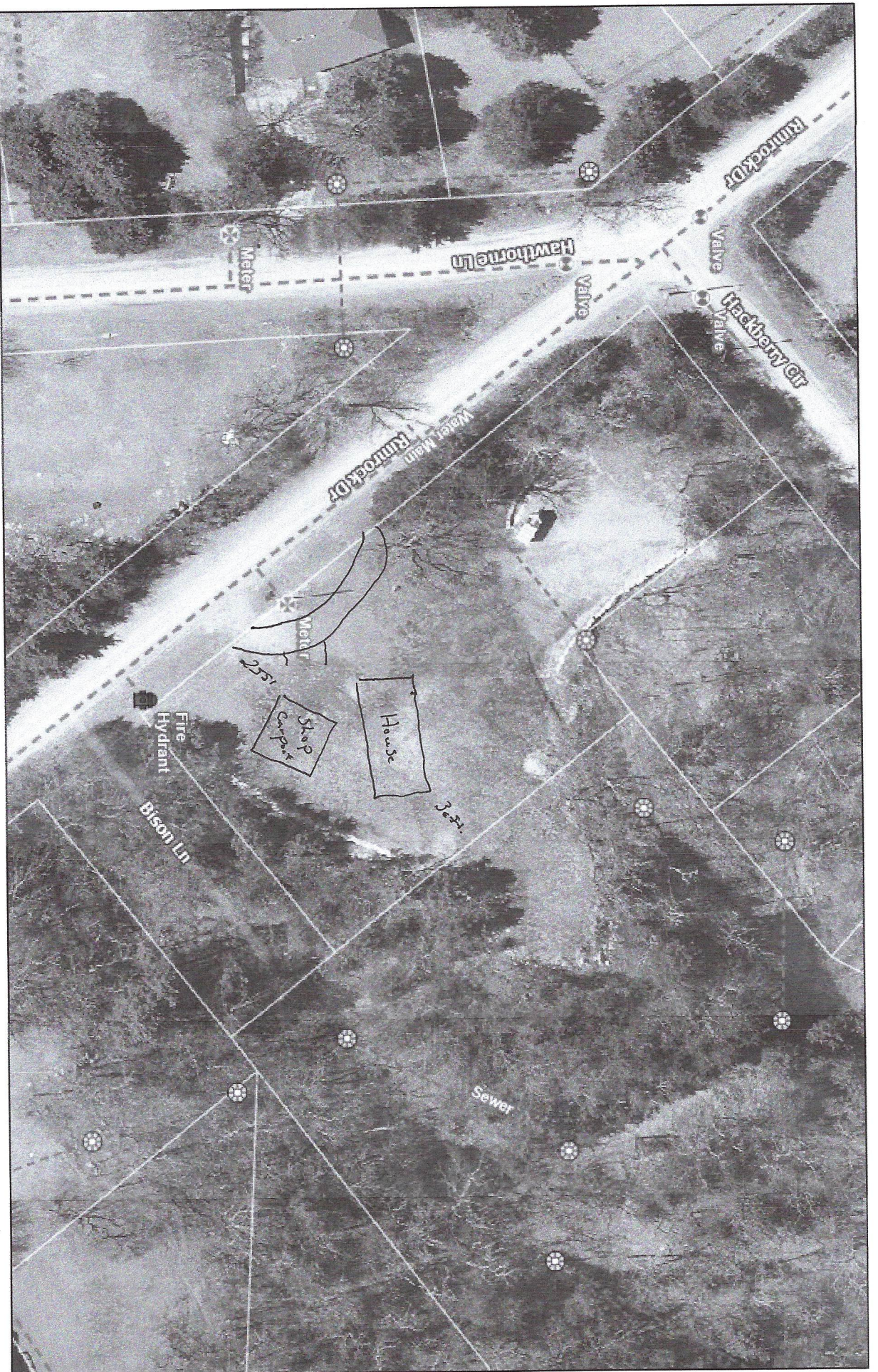
11405 Rimrock



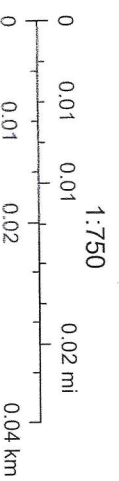
8/7/2023



11405 Rimrock Drive 2



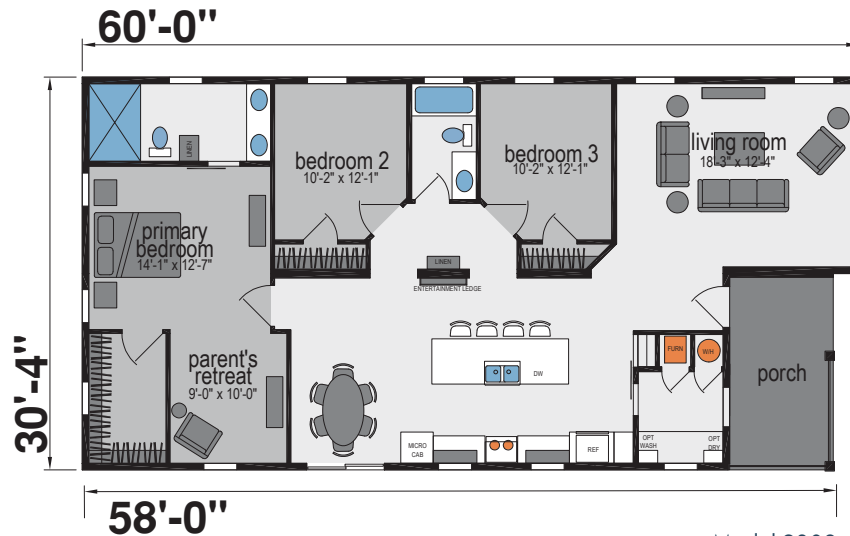
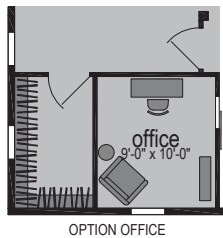
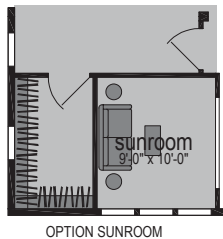
8/7/2023



This technical map illustrates the utility infrastructure of a residential neighborhood. The street network includes Kimrock Dr, Hawkthorne Ln, and a section of Water Main. A sewer line is also shown. Key utility features include several valves, a fire hydrant, and multiple water meters. Hand-drawn annotations highlight a specific property area with a 'House' rectangle, an 'S-P' diamond, and a 'Fire Hydrant' symbol near Bison Ln. The map uses dashed lines to represent underground utilities and solid lines for surface streets.

The Genesis

Three Bedroom
Two Bathroom
1,670 Sq. Ft.



SKYLINE®

The Genesis

STANDARD FEATURES

Construction

- 8 1/2' Sidewall
- Flat Ceilings Throughout
- 2x6 Exterior Wall
- 3/12 Roof Pitch
- 5/12 Roof Pitch
- 30 lb. Roof Load
- Detachable Hitch
- Thermal Zone II
- Insulation R 19-19-11

Exterior

- LP® Lap Siding
- OSB Sheathing on Sides & Ends
- 30-Year Roof, Architectural Shingles
- 36" 4-Light Fiberglass Front Door
- Sliding Glass Door STD per Floorplan
- Single-Hung Low-E Windows
- 8' Half Porch w/ Rebar Rails

Heating/Utility

- Electric Furnace
- Full Perimeter Heat Ducts w/ Crossovers
- 40-Gallon Electric Water Heater
- Plumb for Washer
- Wire for Dryer
- Wire Shelving above Washer and Dryer

Plumbing/Electrical

- 200 Amp Service
- LED Throughout (Except Pendants & Ceiling Fans)
- Exterior GFCI Receptacle
- Whole House Water Shutoff
- Water Shutoffs at All Fixtures
- DWV & Water Supply Plumbed into Drop(s)

Interior

- Linoleum Entry
- 13 oz. Mohawk® Carpet
- 1/2 Rebond Carpet Pad
- Tack Strip & Carpet Bar
- Tape & Texture Throughout
- 3 5/8" Crown Molding
- 5 1/4" Base
- Window & Door Lip Molding w/ Styled Window Jambs

Kitchen

- Tall Cabinets
- Flat Panel Cabinet Doors
- Hardwood Cabinet Styles
- Soft Close Door Hinges
- Soft Close Drawer Guides
- Adjustable Shelf in Cabinets
- Self-Edge HPL Countertop
- Full Height Ceramic Backsplash
- Stainless Steel Farm Sink with Essen Industrial Faucet
- Single-Lever Kitchen Faucet w/ Spray
- 3" Stile Cabinet Trim

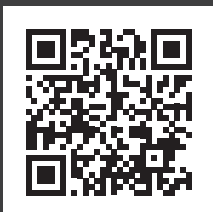
Appliances

- 21 Cu.Ft. Refrigerator Stainless Steel Whirlpool®
- 30" Stainless Steel Electric Range
- 30" Stainless Steel Canopy Rangehood
- 4-Cycle Stainless Steel Dishwasher
- Built-in Microwave

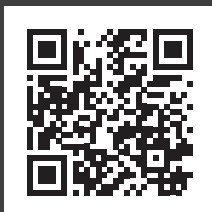
Bath Features

- Flat Panel Wood Cabinet Doors
- Hardwood Cabinet Styles
- 4-Drawers Bank
- Ceramic Backsplash
- 1-Piece Fiberglass Tub/Shower in Guest Bath
- 4x6 Duma Wall Shower w/ Glass door
- Self-Edge HPL Countertop
- China Lavatory Bowls
- Single Lever Lavatory Faucets
- Elongated China Commodes

Due to continuous product development and improvement, prices, specifications, and materials are subject to change without notice or obligation. Square footage and other dimensions are approximate. Exterior images may be artist renderings and are not intended to be an accurate representation of the home. Renderings, photos and floor plans may be shown with optional features or third-party additions.



SEE MORE BROCHURES



VISIT US ON
FACEBOOK

SKYLINE®

SKYLINE

PLEASE NOTE: General
Construction packs will not
reflect your actual home.
Refer to your confirmation
print for specific issue or call
the factory

9302

GENESIS



Arkansas city, Kansas SKYLINE

Model 9302 30# & 40#

60' x 32'- Nominal

CORPORATE ADDRESS
SKYLINE CORPORATION
2520 BY-PASS ROAD
ELKHART, IN 46515

PLANT ADDRESS
SKYLINE CORPORATION
315 W. SKYLINE ROAD
ARKANSAS CITY, KS 67005

At Skyline, we're keeping our commitment to tomorrow

Skyline honors its history and integrity

Since our humble beginnings in 1951, Skyline has been committed to producing the best products at the best prices. We have earned a reputation for uncompromising integrity in all of our relationships with communities, retailers, suppliers and with the hundreds of thousands of Americans who live in Skyline-built homes. We've grown from a small garage in Elkhart Indiana to a coast-to-coast network of manufacturing facilities. Throughout our 58+ year history we've never forgotten our hometown values. Like our customers we still believe in honesty, integrity, discipline, and hard work.

Skyline is a strong company; one that is focused on tomorrow

We're building a different kind of Company; one that looks beyond today. A lean, debt-free Company determined to be nothing less than the very best. Our balance sheet is among the soundest in American industry with a strong cash position and no corporate debt. We don't hide our financial reports either. Skyline is publicly owned and our stock is traded on the NYSE under the symbol "SKY."

Skyline is committed to excellence

All Skyline modular homes are built using the most up-to-date, proven building methods to ensure accuracy of construction and adherence to stringent building codes. All of our modular designs are approved by licensed Professional Engineers at Skyline, by independent third-party Engineers and by State and Local certifying agencies. We don't stop there. Every home is built in an environmentally controlled facility with no exposure to the outside elements.

Our own internal **Quality Assurance Process** requires an inspection at each phase of the building process in addition to inspections of purchased materials. The material inspections assure our building materials are some of the best in the building industry. Our suppliers, independent 3rd Party inspectors, and other governing agencies conduct additional periodic inspections of our building process and stored materials.

Owners of Skyline homes are extremely satisfied customers. Not only is our "Customer Satisfaction Index" high for a home builder, our scores compete with those of top world-wide companies from all industries.

Skyline builds with quality brands

We understand the importance of using quality name-brand materials and appliances. After all this isn't just another modular house; this is your home. With names like **Rheem, Delta, Owens-Corning, Coleman, Congoleum, Shaw, and Whirlpool** you can be confident that your new Skyline home is built with some of the best names in home construction.

Skyline employees are the best in the home building industry

At the heart of every Skyline factory are the employees who work to build your home. Skyline employees are a proud and dedicated group whose goal is to provide the best home for your hard-earned money. The production staff at each location has extensive experience in the home building trades. In fact, many of our production team members have been with Skyline over 20 years. With an average length of service being approximately 10 years at Skyline, you can rest assured that your home is built by professionals.



1. 'RF' INDICATES THE REQUIRED LOCATION OF A TRUSS (SHEARWALL/ OVERHEAD CABINET) OR 2x4 CEILING BACKER (PARTITION WALL).
2. RETURN AIR GRILL ABOVE BEDROOM & DEN DOORS. SEE SPECS.

[illegible]



Bringing America Home. Bringing America Fun.

General Floorplan Notes:

- 1) Hallways to be 36" wide minimum.
- 2) Kitchen may vary, cabinetry and appliances may be rearranged in kitchen area.
- 3) Egress Windows shall have a minimum net clear opening of 5.7 square feet (20" minimum width, 24" minimum height) and shall have a sill height not more than 44" above the floor.
- 4) Doors and windows may be moved if egress and light and ventilation requirements are met. Additional doors and windows may be added to the floorplan provided their area does not exceed that shown in the energy calculations.

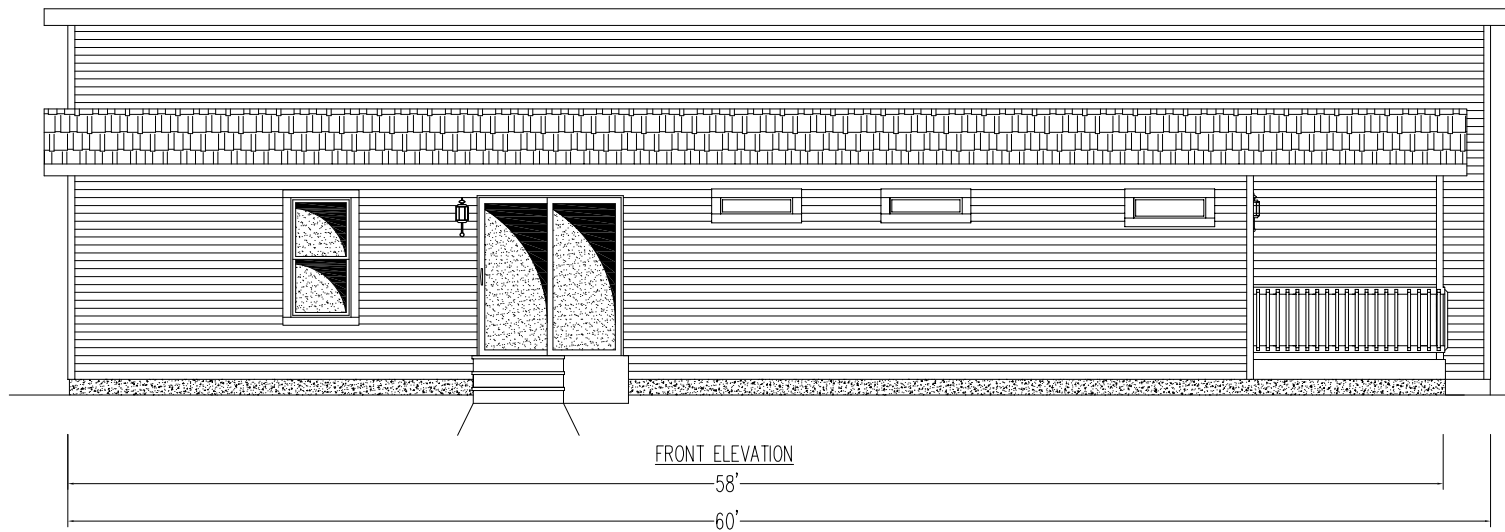
Window Schedule

Code	Call Size	Rough		Type	Light	Vent	Remark
		Width	Height		Square Feet		
A	14 x 40	14-1/4"	40-1/4"	Vinyl - Single Hung	2.48	1.25	
B	30 x 27	30-1/4"	27-1/4"	Vinyl - Single Hung	3.90	1.79	
C	30 x 36	30-1/4"	36-1/4"	Vinyl - Single Hung	5.55	2.64	
D	30 x 40	30-1/4"	40-1/4"	Vinyl - Single Hung	6.28	3.02	
E	78 x 48	78-1/4"	48-1/4"	Vinyl - Double End Slider	21.34	10.68	
F	24 x 40	24-1/4"	40-1/4"	Vinyl - Single Hung	4.85	2.36	
G	46 x 36	46-1/2"	36-1/4"	Vinyl - Single Hung	8.96	4.21	
H	46 x 40	46-1/2"	40-1/4"	Vinyl - Single Hung	10.14	4.81	
I	30 x 68	30-1/4"	68-1/4"	Vinyl - Single Hung	11.46	4.92	
J	20 x 20	20-1/4"	20-1/4"	Vinyl - Fixed - Acrylic	--	--	Octogan
K	32 x 8	32-1/4"	8-1/4"	Vinyl - Fixed - Acrylic	--	--	Faux Glass Block
L	34 x 43	34-1/4"	43-1/4"	Vinyl - Fixed - Acrylic	--	--	Faux Glass Block
M	62 x 30	62-1/4"	30-1/4"	Vinyl - Double End Slider	9.77	4.92	
N	36 x 36	36-1/4"	36-1/4"	Vinyl - Single Hung	6.81	3.22	
P	24 x 27	24-1/4"	27-1/4"	Vinyl - Single Hung	3.01	1.39	
Q	94 x 54	94-1/4"	54-1/8"	Vinyl - Double End Slider	29.75	14.91	Egress
R	30 x 60	30-1/4"	60-1/4"	Vinyl - Single Hung	9.95	4.92	
S	36 x 60	36-1/4"	60-1/4"	Vinyl - Single Hung	12.21	5.99	Egress
T	46 x 60	46-1/2"	60-1/4"	Vinyl - Single Hung	16.07	7.84	Egress
U	30 x 30	30-1/4"	30-1/4"	Vinyl - Single Hung	4.45	2.07	
V	14 x 27	14-1/4"	27-1/4"	Vinyl - Single Hung	1.54	0.74	
W	24 x 60	24-1/4"	60-1/4"	Vinyl - Single Hung	7.69	3.84	
X	14 x 72	14-1/4"	72-1/4"	Vinyl - Fixed	5.44	--	
Y	14 x 60	14-1/4"	60.25"	Vinyl - Fixed	4.50	--	
Z	94 x 60	94-1/4"	60.25"	Vinyl - Double End Slider	33.37	16.70	Egress

Windows are Kinro 9750 series, except Octogan is Philips and Faux Glass Block is Hylite. All windows to be labeled as conforming to AAMA 101/I.S.2. All windows shall have a minimum DP rating of 29.2. For Units destined for a 90 mph or 100 mph wind speed, exposure B area may have a design pressure rating of 25. Install Windows per their manufacturer instructions.

Door Schedule

Code	Width	Height	Type	Manufacturer	Light	Vent	Remark
1	38"	82"	Insulated Core	Dumbarton	--	--	
2	34"	80"	Insulated Core	Dumbarton	--	--	
3	96"	80"	Vinyl Insulated Slider	Kinro	45.77	22.66	
4	38"	80"	Insulated Core	Dumbarton	--	--	
5	72"	76"	Vinyl Insulated Slider	Kinro	31.75	51.44	
6	72"	80"	Vinyl Insulated Slider	Kinro	33.36	16.30	
7	38"	82"	Insulated Core	Dumbarton	--	--	Fire Rated
8	76"	82"	Atrium	Dumbarton	18.00	16.00	

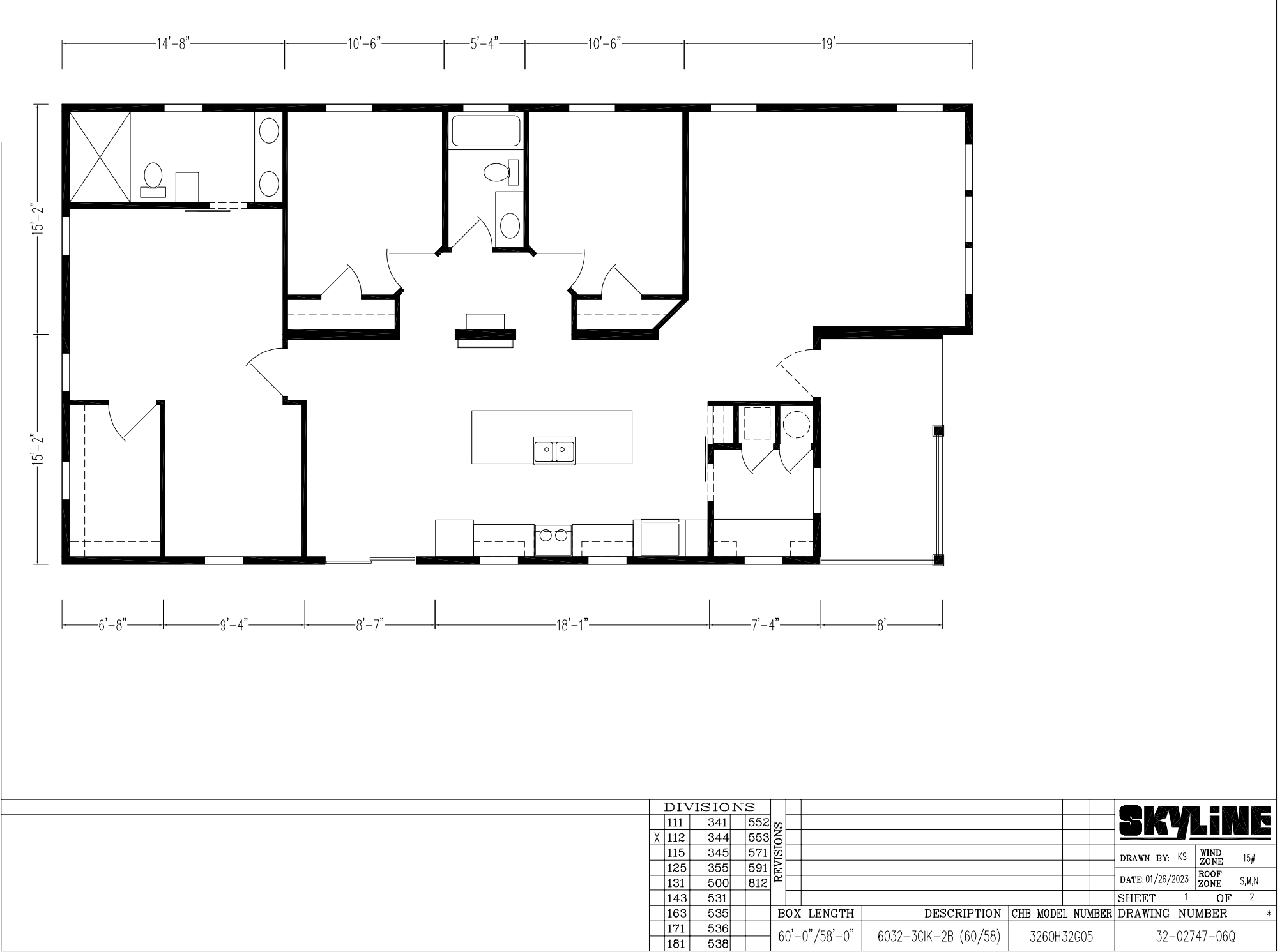


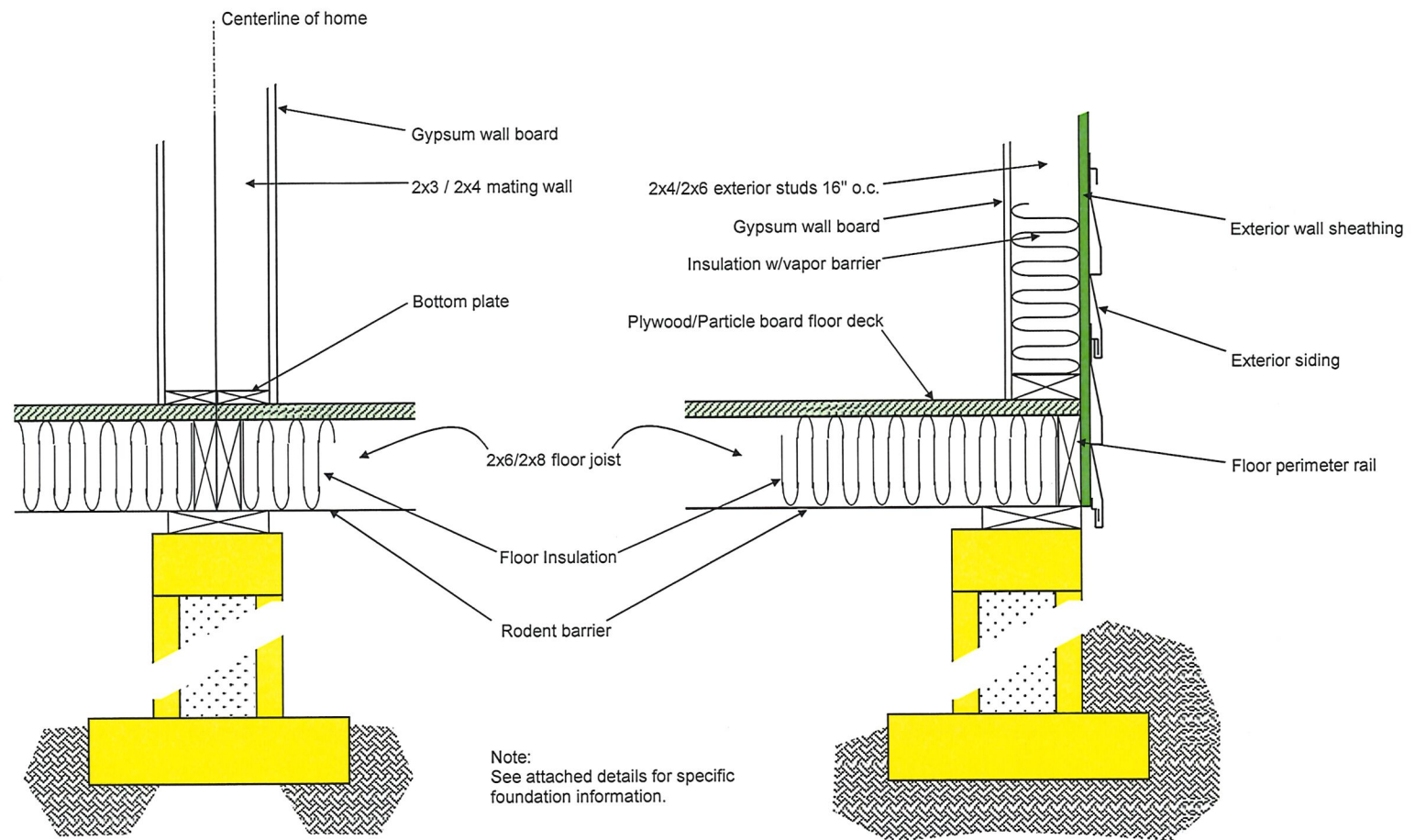
ELEVATION

SKYLINE

Note:
Elevations are typical representations.
Refer to floor plan for window and door
placements.

NOTE: SPECIFICATIONS ARE SUBJECT TO CHANGE WITH OUT NOTICE OR OBLIGATION TO SKYLINE CORPORATION





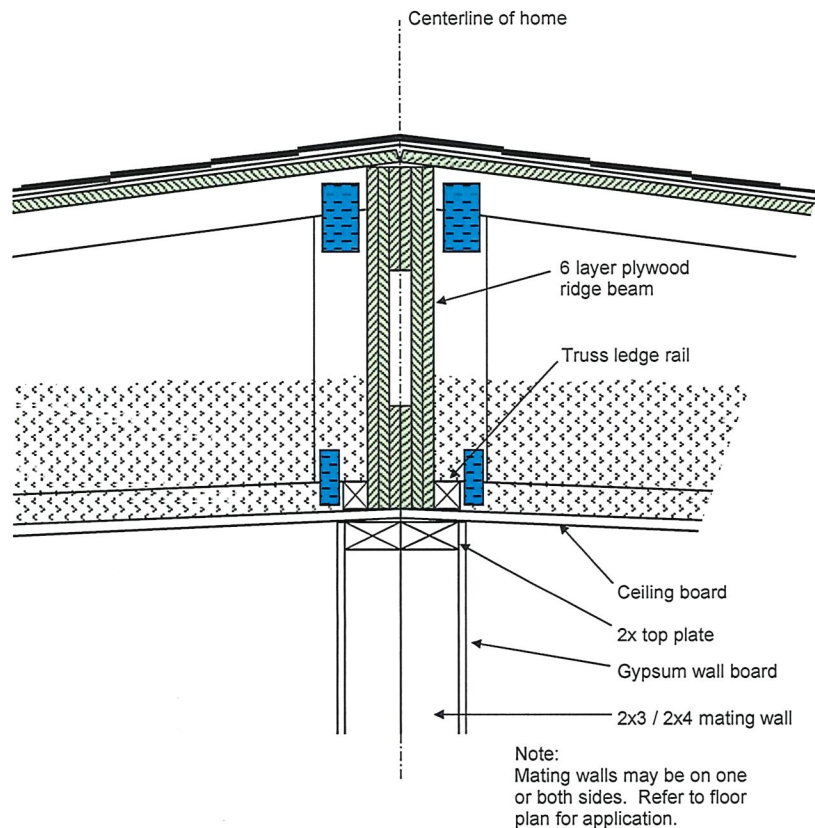
MATING WALL

SIDEWALL

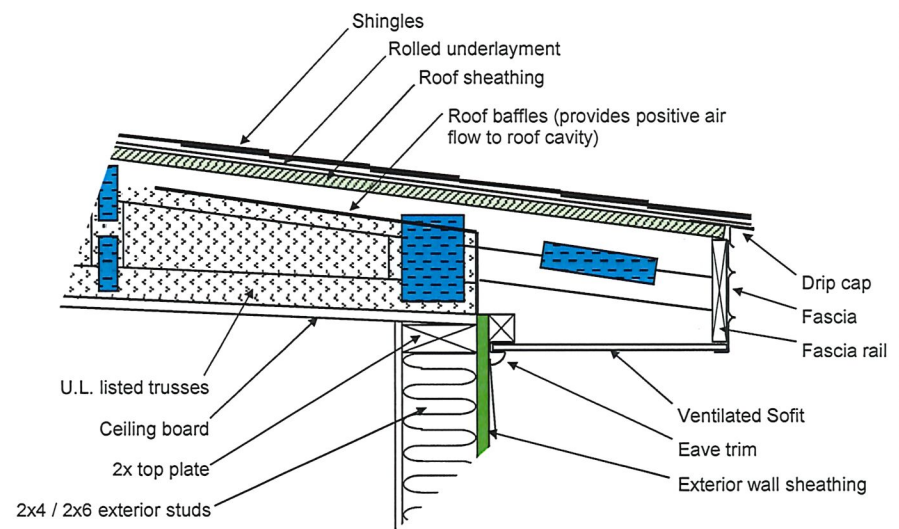
FLOOR/WALL CONSTRUCTION

SKYLINE

NOTE: SPECIFICATIONS ARE SUBJECT TO CHANGE WITH OUT NOTICE OR OBLIGATION TO SKYLINE CORPORATION



MATING WALL

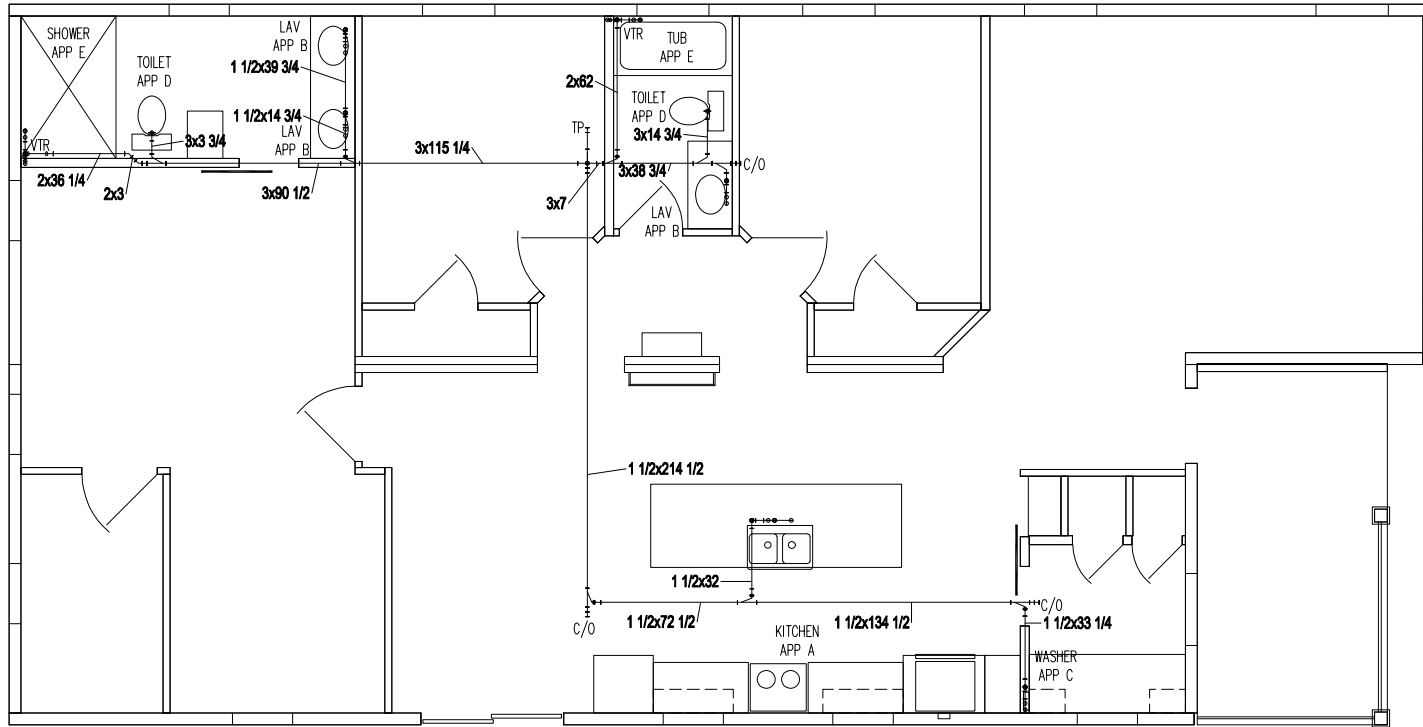


SIDEWALL

ROOF CONSTRUCTION

SKYLINE

NOTE: SPECIFICATIONS ARE SUBJECT TO CHANGE WITH OUT NOTICE OR OBLIGATION TO SKYLINE CORPORATION



				CHECKED BY:	DIVISIONS											<div>SKYLINE</div>			
1	SLOPE OF DRAIN LINES WITH CLEANOUT = 1/8" PER FOOT					111	341	552	REVISIONS										
	SLOPE OF DRAIN LINES WITHOUT CLEANOUT = 1/4" PER FOOT				X	112	344	553											
	2 AT TUBS & SHOWERS THE DISTANCE BETWEEN HUBS OF P-TRAPS & SWIVEL TRAY PLUG ADAPTER MAY VARY, SO THE NIPPLES PLACED BETWEEN THEM MUST BE CUT TO ALLOW FOR THIS VARIANCE					115	345	571											
						125	355	591											
	3 MAXIMUM LENGTH OF P-TRAP ARM IS 54"					131	500	812											
4	SEE L-38 FOR VERTICAL RISER APPLICATIONS				MAXIMUM PIPE RUNS W/CLEAN-OUT														
	"I" BEAM				1	1/2"	2"	3"											
	8" w/3" CROSS MEMBER				24'	20'	8'		143	531									
	10" w/3" CROSS MEMBER				40'	36'	24'		163	535		BOX LENGTH	DESCRIPTION	CHB MODEL NUMBER	DRAWING NUMBER	*			
	12" w/3" CROSS MEMBER				56'	52'	40'		171	536		60'-0"/58'-0"	6032-3CIK-2B (60/58)	3260H32G05	32-02747-06Q				
5	VTR = VENT THRU ROOF				12" w/4" CROSS MEMBER														
	6 TP = TERMINATION POINT				48'	44'	32'		181	538									
7 C/O = CLEAN OUT																			



UNIVERSITY PARK 1ST ANNUAL CEDAR CHRISTMAS TREE HARVEST

you pick a tree,
we can help cut it down




hot chocolate and donuts



Meet at the UP Clubhouse Pavilion

Saturday December 2nd
8am-11am

Help us restore our grassland golf course by removing invasive eastern red cedar trees. All proceeds to fund future golf course and park management.



University Park Golf Course

Invasive Plant Management and Woody Encroachment Prevention Plan (DRAFT—informational sheet)

14 October 2023

BACKGROUND

Musk thistle is a noxious weed in all counties in Kansas. Kansas law requires that all persons and organizations prevent the spread of and eradicate it on all lands owned or supervised by them. Musk thistle is present in clusters around the golf course and burn pile. Several volunteers treat this species in June by mechanical removal. Note: can be confused with highly-beneficial native thistle species!



Sericea Lespedeza is the latest weed declared noxious in Kansas. Kansas law requires that all persons and organizations prevent the spread of and eradicate it on all lands owned or supervised by them. Originally thought to be a worthwhile forage species and desirable for erosion control and wildlife habitat, it was found to be invasive to native grasslands. Several volunteers treat this species by mechanical removal. Late season burns can be effective, too.



Yellow bluestem (*Bothriochloa ischaemum*) is a non-native invasive grass species that has established on the University Park golf course (see map below). Yellow bluestem is problematic in that once established it can outcompete the native tallgrass prairie grasses and forbs that make up the golf course roughs and the native shortgrass prairie grasses and forbs that make up the golf course fairways. Invasion occurs when our native grasses are stressed, e.g. in drought conditions, and/or if mowed infrequently. Golf course mowing would necessarily increase in frequency (and associated cost) to keep the yellow bluestem (a tallgrass species) short enough for the fairways.



Photo Credit: Oklahoma State University

In addition, the roughs and parkland areas feature remnant tallgrass prairie that is of high floristic quality, a rare occurrence in North America with the Flint Hills ecoregion in Kansas (where University Park resides) containing the largest remaining intact stretch of native tallgrass prairie. The native prairie species that grow on the University Park golf course provide ecosystem services such as air filtration, carbon sequestration, noise reduction, erosion control, and stormwater absorption in addition to cultural and recreational enjoyment.



Map: Locations of the approximately 11-15 acres of Old World Bluestem are outlined in red. 2-3 acres, mostly on holes 5 and 6, are 100% Old World Bluestem.

We began a management strategy in early summer 2022 with an early growing season chemical treatment (glyphosate in 100% infestation and Arsenal in variable infestation) and fall chemical treatment targeting core areas of infestation.

We burned one section of prairie in late 2022.

We resumed chemical treatment in early summer 2023 with an early growing season chemical treatment and fall chemical treatment treating additional areas of infestation. We noted that the fall spray from 2022 had a near total kill of OWB and we had good native forb regrowth.



Dead Zone on Hole 5 during early growing season after treatment with Glyphosate.



Dead zone in early growing season after treatment with Glyphosate in year prior. Regrowth is ~90% native forbs



Dead zone in mid growing season in year after Glyphosate treatment. At least 90% native forb growth ,including 2 species of native thistle.

Landcover Types

Woodland Area

Tallgrass Prairie “Roughs”

Shortgrass Prairie Fairways

Tallgrass Prairie Park Land

100% Yellow Bluestem Infestation

Variable % Yellow Bluestem Infestation

Mowing & Treatment Schedule

Shortgrass Prairie Fairways

We propose mowing the Shortgrass Prairie Fairways as needed throughout the growing season to maintain golfing conditions. The boundaries of the mowed fairways should remain the same until yellow bluestem growth has diminished sufficiently. Changing the boundaries creates a disturbance that allows yellow bluestem to spread.

Equipment Used

Tallgrass Prairie “Roughs”

We propose mowing portions of the Tallgrass Prairie Roughs that are not infested with yellow bluestem once every 3 years in a shifting mosaic, i.e. mow some areas while leaving some areas unmowed until the following year or year after. This will encourage wildflower and grass diversity and ecological resilience against the encroachment of invasive species. A prairie in its third year of unmowed growth will require

Woodland Area

No mowing needed.

Tallgrass Prairie Park Land

100% Yellow Bluestem Infestation

We propose spraying a 4% glyphosate solution using a broadcast sprayer during the early June growing season for the first year. One week following spraying, re-seed with native grass and forb seeds.

Variable % Yellow Bluestem Infestation

We propose spraying with Arsenal solution using a spot sprayer during the early June growing season.

UP Grass Committee
Treatment Areas
October 2023

Legend

Mow 3x growing season for Aesthetics



Mow 3x growing season for Fire Risk Reduction



Mow/Hay/Burn every 4th year

1

2

3

4

