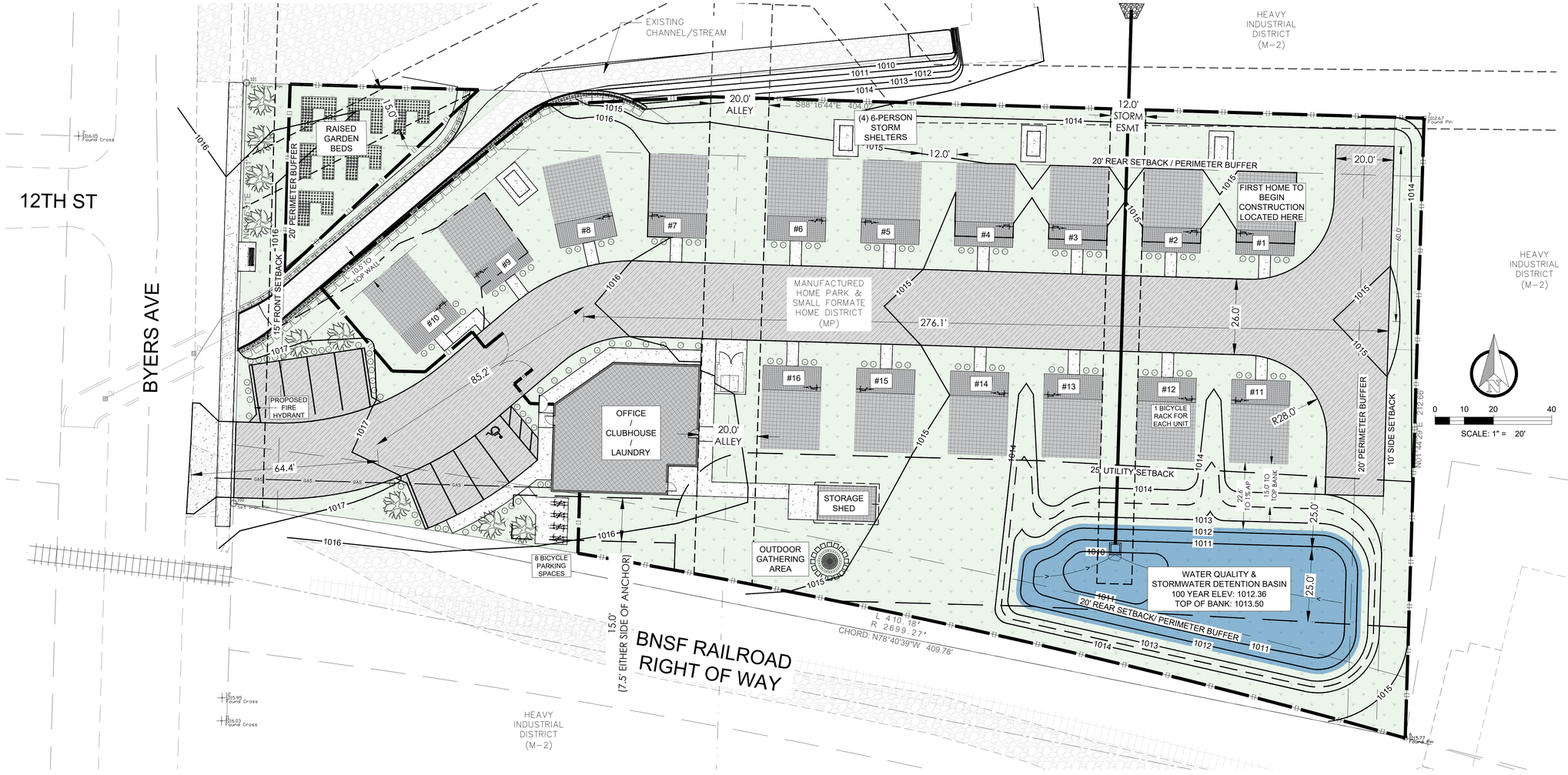


LANDSCAPING SUMMARY

	CODE SUMMARY	REQUIRED	PROVIDED
STREETSCAPE & FRONTAGE	1 LARGE TREE PER 40' OF LOT FRONTAGE; 2 LARGE TREES PER 40' IF BUILDINGS SETBACK MORE THAN 50'. (APP. 29, SEC. 6.02)	WEST LOT LINE : 144.3 LF 144.3' / 40' = 3.6 LARGE TREES	4 LARGE TREES
FOUNDATION	1 ORNAMENTAL TREE PER 40' OF BUILDING FRONTAGE FOR BUILDINGS SETBACK MORE THAN 20'. 2 ORNAMENTAL TREES PER 40' IF BUILDINGS SETBACK MORE THAN 50'. EVERGREENS MAY BE SUBSTITUTED FOR ORNAMENTAL TREES AT A RATE OF 1 FOR 1 FOR UP TO 50% OF THE REQUIREMENT. 1 SHRUB FOR 5' OF BUILDING FRONTAGES. (APP. 29, SEC. 6.02)	TINY HOME BUILDINGS (16 UNITS): EACH TINY HOME HAS 20' OF FRONTAGE AND IS SETBACK LESS THAN 20' FROM PROPOSED ROAD. 20' / 5' = 4 SHRUBS PER BUILDING CLUBHOUSE/OFFICE BUILDING: 55' OF FRONTAGE AND SETBACK LESS THAN 20' FROM PROPOSED ROAD. 55' / 5' = 11 SHRUBS	TINY HOMES: 4 SHRUBS PER BUILDING CLUBHOUSE/OFFICE BUILDING: 11 SHRUBS TOTAL = 75 SHRUBS ALONG BUILDING FRONTAGE
PARKING	1 LARGE TREE PER 40' OF PARKING PERIMETER; AND 1 LARGE TREE PER 20 PARKING SPACES IN INTERNAL ISLANDS. ORNAMENTAL TREES MAY BE SUBSTITUTED FOR LARGE TREES AT A RATE OF 2 FOR 1 FOR UP TO 50% OF THE INTERNAL ISLANDS. EVERGREENS MAY BE SUBSTITUTED FOR LARGE TREES AT A RATE OF 2 FOR 1, FOR UP TO 50% OF THE PERIMETER REQUIREMENT THAT DOES NOT FACE A FRONT LOT LINE. 5 SHRUBS FOR 25' OF PERIMETER. (APP. 29, SEC. 6.02)	177' OF PARKING PERIMETER / 40' = 4.4 LARGE TREES NO INTERNAL ISLANDS 177' OF PARKING PERIMETER / 25' = 7.08 * 5 SHRUBS = 35.4 SHRUBS	5 LARGE TREES AND 36 SHRUBS. NOTE: 6' PERIMETER BUFFER REQUIRED BY APP. 29, SEC. 7.04 NOT FEASIBLE FOR THIS DEVELOPMENT DUE TO SPACE CONSTRAINTS.
BUFFERYARDS	ALL AREAS AROUND THE PROJECT SHALL INCLUDE A MIN. 20' BUFFER, WITH LANDSCAPE MATERIALS ACCORDING TO SECTION 6.03 (APP. 29, SEC. 8.03D).	PROPOSED DEVELOPMENT: MP NORTH & EAST: M-2 - NO REQUIREMENTS SOUTH: ALLEY - NO REQUIREMENTS WEST: BYERS AVE. - NO REQUIREMENTS	NORTH & SOUTH: 20' WIDE BUFFERYARD MAINTAINED WHERE FEASIBLE. EAST: 10' WIDE BUFFERYARD WEST: 15' WIDE BUFFERYARD MAINTAINED WHERE FEASIBLE. 4' TALL PRIVACY FENCE ALONG MAJORITY OF PROPERTY BOUNDARY. NOTE: FULL 20' WIDE BUFFER IS NOT FEASIBLE ALONG ALL BOUNDARIES DUE TO SPACE CONSTRAINTS.
OPEN SPACE	AT LEAST 15% OF THE TOTAL AREA SHALL BE USABLE OPEN SPACE. (APP. 29, SEC. 8.03D). ALL OTHER UNBUILT OR UNPAVED AREAS OF A SITE SHALL REQUIRE GROUND COVER, PERENNIALS, GRASSES, ROCK, MULCH OR OTHER NATURAL AND PERMEABLE SURFACES. (APP. 29, SEC. 6.02).	TOTAL PROPERTY AREA = 1.60 AC 1.60 AC * 15% = 0.24 AC OPEN SPACE REQUIRED	TOTAL OPEN SPACE = 0.90 AC 0.90 AC OPEN SPACE / 1.61 AC TOTAL = 55.9% OPEN SPACE

LANDSCAPING LEGEND

SYMBOL	DESCRIPTION	TOTAL QUANTITY
	LARGE TREES	9
	SHRUB	111
	SEED	0.92 AC

PLANTING SPECIFICATIONS

TYPE*	SPECIFICATION	MATURE HEIGHT
LARGE (SHADE) TREE	2" CALIPER DBH, BALLED AND BURLAPPED	30 TO 40 FEET
SHRUB	24" BALLED AND BURLAPPED OR 5-GALLON MINIMUM CONTAINER.	5 TO 10 FEET
GROUND COVER	50% COVERAGE AT PLANTING; FULL COVERAGE WITHIN 2 GROWING SEASONS.	-

*ALL TREES SHALL BE SELECTED FROM THE APPROVED TREE LIST IN APPENDIX D OF JOPLIN DEVELOPMENT CODE.

MAINTENANCE NOTE:

ALL PLANTINGS SHALL BE PROPERLY MAINTAINED. MATERIALS SHALL MEET THE AMERICAN STANDARDS FOR NURSERY STOCK (ASNS). ALL ELEMENTS OF AN APPROVED LANDSCAPE PLAN, INCLUDING PLANT MATERIALS SHALL BE CONSIDERED ELEMENTS OF THE PROJECT IN THE SAME MANNER AS PARKING, BUILDINGS OR OTHER DETAILS. PLANT MATERIAL WHICH EXHIBITS EVIDENCE OF INSECT PESTS, DISEASE, AND/OR DAMAGE SHALL BE APPROPRIATELY TREATED, AND ANY PLANT IN DANGER OF DYING MAY BE ORDERED TO BE REMOVED AND REPLACED BY THE DIRECTOR (APP. 29, SEC. 6.02G).
LANDSCAPING MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE CLIENT. A LANDSCAPING COMPANY SHOULD BE CONSULTED REGARDING WATERING SCHEDULES AND PROPER MAINTENANCE METHODS.

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CERTIFICATES OF AUTHORIZATION:
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KANSAS No. E-1930
OKLAHOMA No. 5937
ARKANSAS No. 2097

REVISIONS

NO.	DATE	DESCRIPTION

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VITA NOVA VILLAGE
1201 BYERS AVENUE JOPLIN, JASPER COUNTY, MISSOURI
LANDSCAPING PLAN

STATE OF MISSOURI
JOHN H. BOLTE
NUMBER E-22511
REGISTERED PROFESSIONAL ENGINEER
4/16/25

JOHN H. BOLTE
PROFESSIONAL ENGINEER
MO LIC E22511 OK LIC 18035
KS LIC 14094 AR LIC 14310

SURVEY BY: MJ SURVEY
DRAWN: JED CHKD: JHB
SCALE: 1"=20'
PROJECT #:
DWG:
DATE: 04/16/2025

PROJECT: VITA NOVA VILLAGE
SHEET DESC: LANDSCAPING
SHEET: 10 OF: 11