

SAVED 5/24/2024 7:28:11 AM BY KYLE WARD
PLOTTED 5/29/2024 8:08:16 AM BY KYLE WARD
U:\WICHITA\CIVIL\2023\094000\UNDRAWING\MISC\ILLUSTRATIONS\231094-000_G-101_PRELIMINARY-PLAT.DWG



NOT FOR
CONSTRUCTION

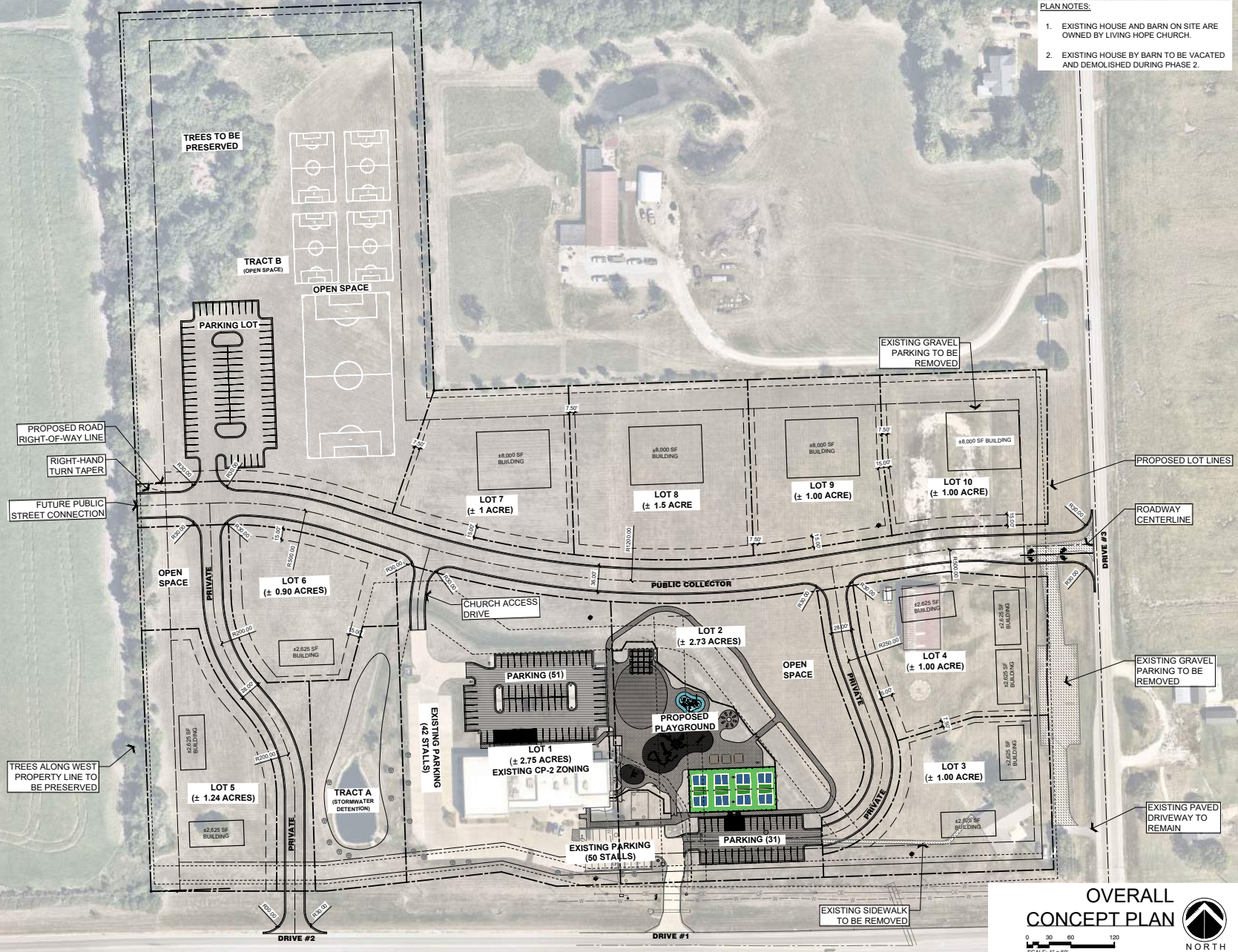
LIVING HOPE CHURCH
PHASE I IMPROVEMENTS
18550 W 175th St. Olathe, KS 66062

Issue		
1	PRELIM. SITE DEVELOP. PACKAGE	04/17/24
2	PRELIM. SITE DEVELOP. PACKAGE REVISION	05/13/24
3	PRELIM. SITE DEVELOP. PACKAGE REVISION	05/28/24
JOB NO.	231094-000	
DATE	17 APRIL 2024	
PM	NLS	
DESIGNED BY	NLS	
DRAWN BY	KDW	
CHECKED BY	NLS	

PRELIMINARY PLAT

G-101

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- PLAN NOTES:
1. EXISTING HOUSE AND BARN ON SITE ARE OWNED BY LIVING HOPE CHURCH.
 2. EXISTING HOUSE BY BARN TO BE VACATED AND DEMOLISHED DURING PHASE 2.



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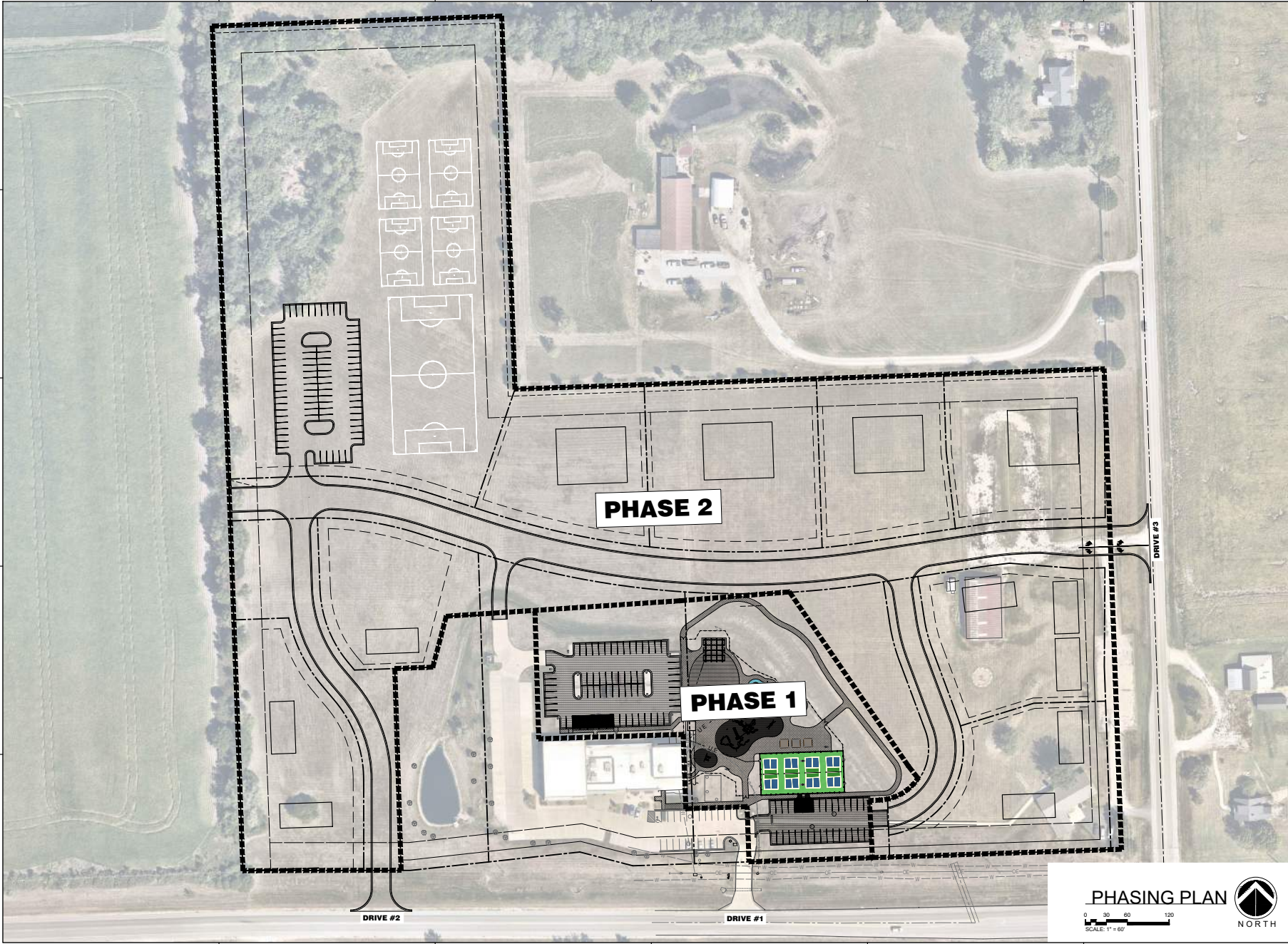
OVERALL
CONCEPT PLAN

SCALE: 1" = 60'

NORTH

OVERALL CONCEPT PLAN
L-101

SAVED 5/23/2024 8:11:33 AM BY KYLE WARD
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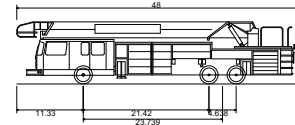
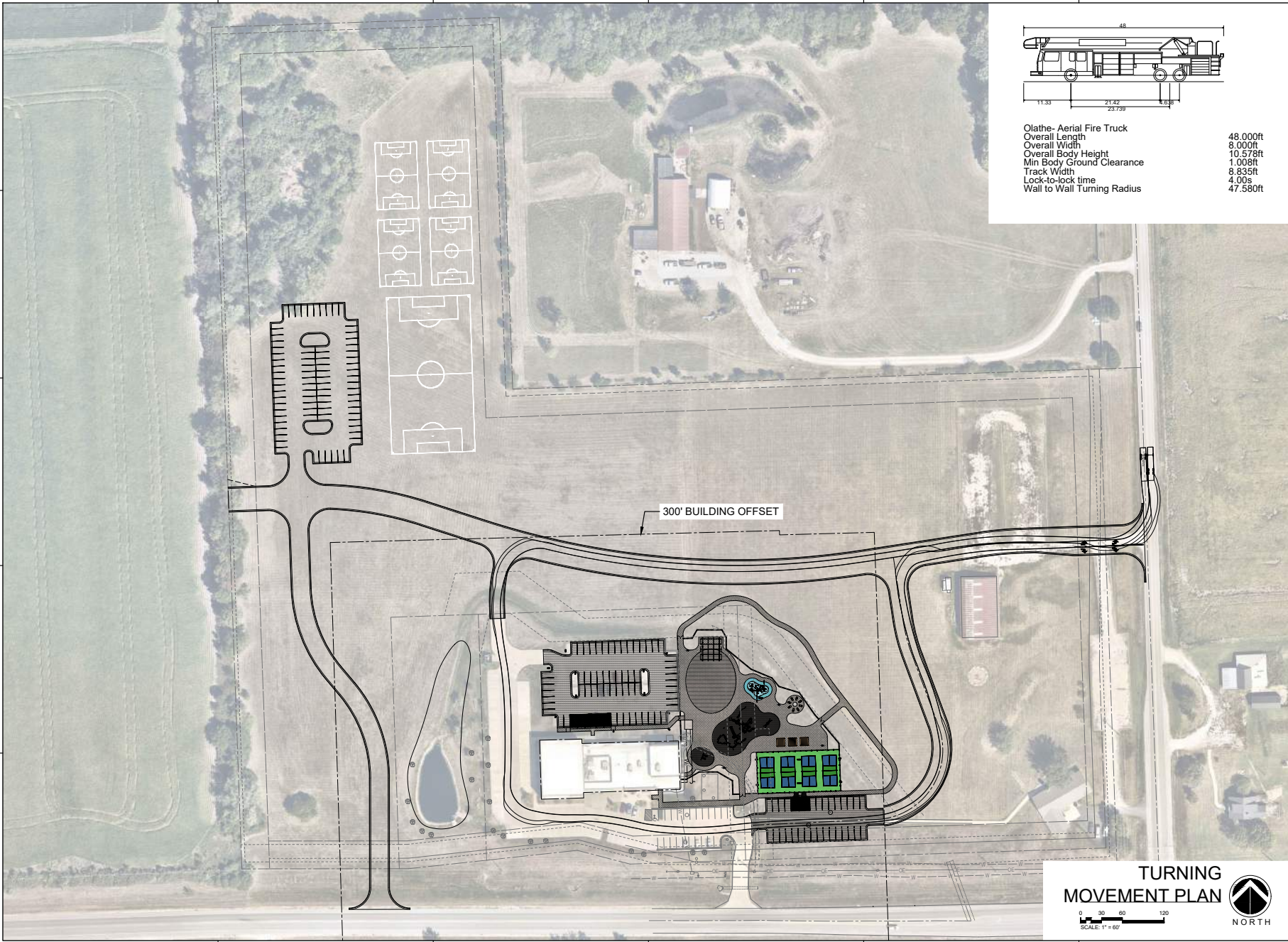
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PHASING PLAN

0 30 60 120
SCALE: 1" = 60'

NORTH

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Olathe- Aerial Fire Truck
Overall Length
Overall Width
Overall Body Height
Min Body Ground Clearance
Track Width
Lock-to-lock time
Wall to Wall Turning Radius

48.000ft
8.000ft
10.578ft
1.008ft
8.835ft
4.00s
47.580ft



PROFESSIONAL ENGINEERING CONSULTANTS
302 SOUTH TOPERA
WICHITA, KS 67202
316-262-2891 www.pec1.com

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TURNING MOVEMENT PLAN

L-103

TURNING
MOVEMENT PLAN

0 30 60 120
SCALE: 1" = 60'

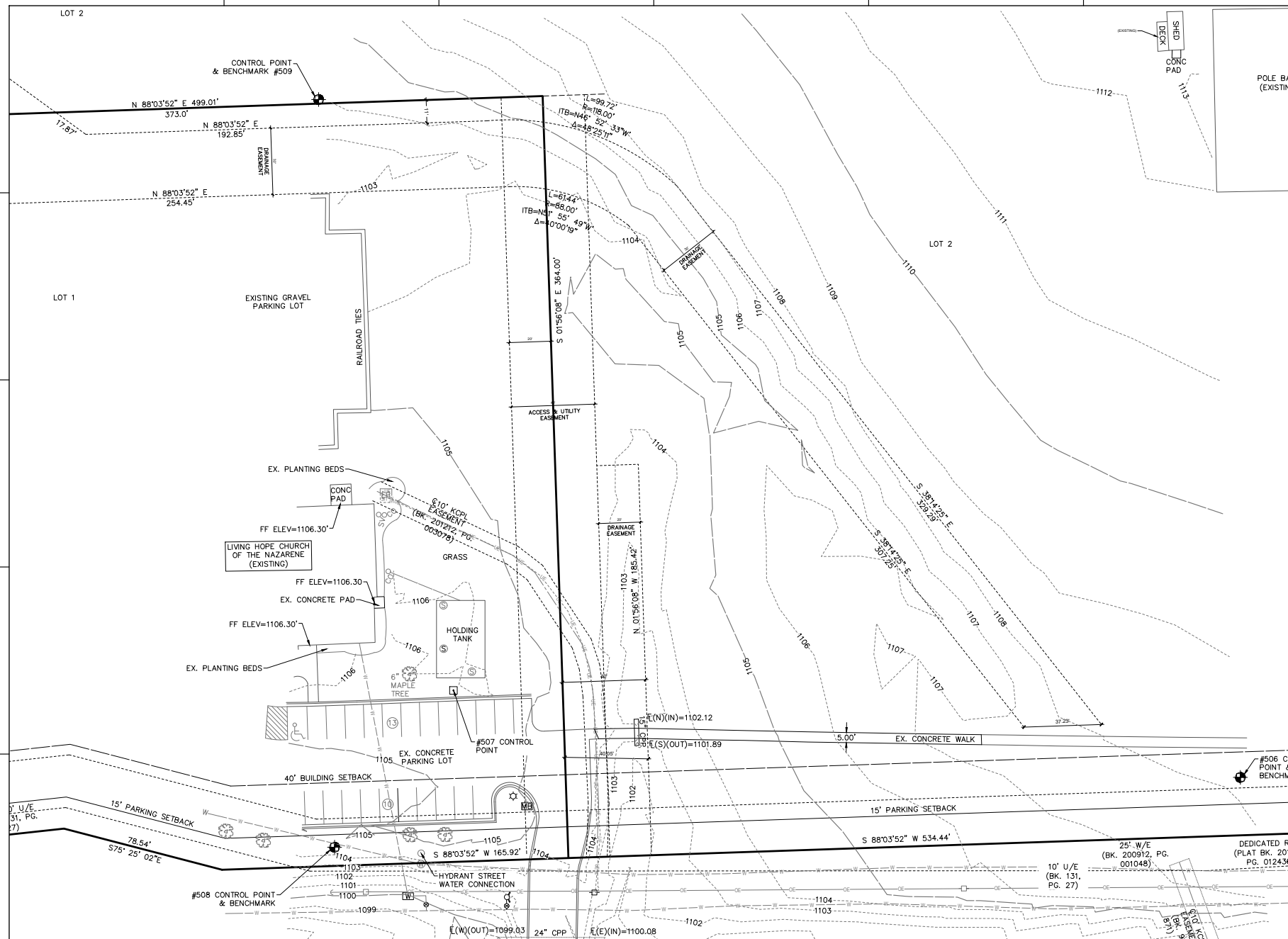


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**LIVING HOPE CHURCH
PHASE I IMPROVEMENTS**
18550 W 175th St. Olathe, KS 66062

Issue:		
1	PRELIM. SITE DEVELOP. PACKAGE	04/17/2
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	JOB NO.	231094-000
	DATE	17 APRIL 2024
	NLS	
	DESIGNED BY	NLS
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V-101



PREPARED BY: PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
303 S. TOPEKA
WICHITA, KS 67202
316-222-2891

DATE PREPARED: APRIL 17, 2024

EXISTING ZONING: COUNTY RURAL

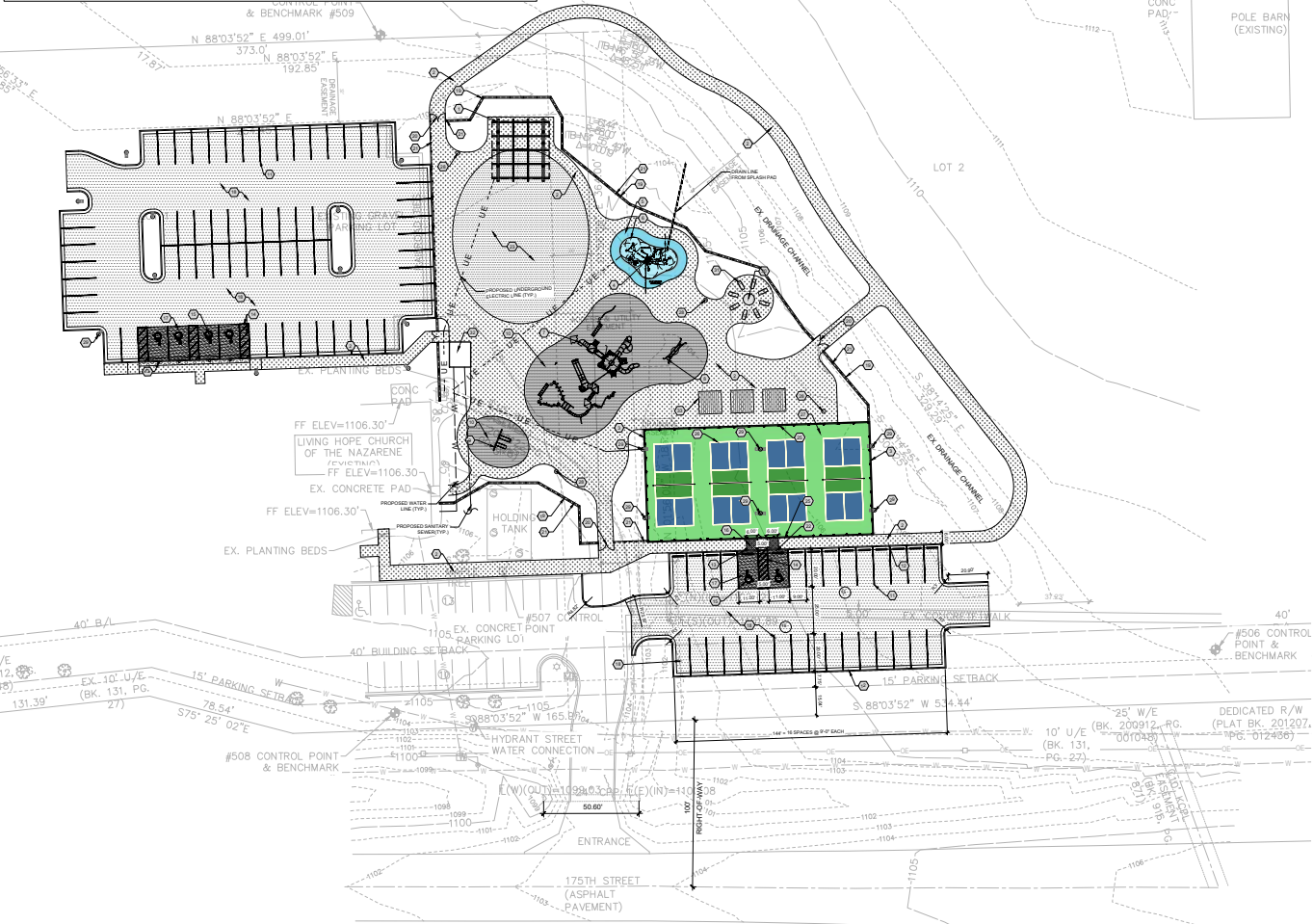
PROPOSED ZONING: C-2

PLAN OLA THE DESIGNATION: RURAL RESIDENTIAL (EXISTING)

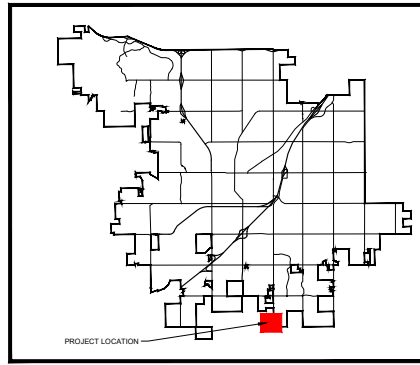
PARKING REQ: (INTERIOR) 412 SEAT CAPACITY (1 SPACE PER 4 SEATS) = 103
(EXTERIOR) N/A (SITE IS CLASSIFIED AS PARKS AND OPEN SPACE)

TOTAL PARKING: 92 (TOTAL EXISTING)
+82 (PROPOSED)
174 TOTAL SPACES

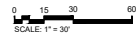
FLOODPLAIN STATUS: THE SITE DOES NOT REST WITHIN THE 100-YEAR FLOODPLAIN
AS DEFINED BY FEMA



REFERENCE NOTES SCHEDULE		
SYMBOL	DESCRIPTION	DETAIL
1	OPEN AIR STRUCTURE	
2	5" CONCRETE SIDEWALK	
3	5" POST-TENSIONED PICKLEBALL COURT	
4	SPLASHPAD EQUIPMENT BY ATCO	
5	DECORATIVE CONCRETE - MICROTopping COLOR #1	
6	DECORATIVE CONCRETE - MICROTopping COLOR #2	
7	PLAYBOOSTER & FORM PLAYGROUND EQUIPMENT BY LANDSCAPE STRUCTURES OR APPROVED EQUAL	
8	ODDLE SWING BY LANDSCAPE STRUCTURES OR APPROVED EQUAL	
9	SINGLE PORT SWING BELT SEAT WITH PROGUARD CHAINS FULL BUCKET SEAT WITH PROGUARD CHAINS 8'0" BEAM HT BY LANDSCAPE STRUCTURES OR APPROVED EQUAL	
10	PLAYGROUND GRASS ULTRA BY FOREVERLAWN OR APPROVED EQUAL	
11	PARKING LOT STRIPING	
12	STANDARD CURB AND GUTTER	
13	HANDICAP SIGN	
14	STRIPING CROSS HATCH	
15	ADA PARKING SYMBOL	
16	ADA RAMP	
17	6" CONCRETE PAVEMENT	
18	5" ASPHALT PAVEMENT	
19	MOW STRIP	
20	8' TALL X 8' WIDE CHAINLINK GATE (SIM.) CONTRACTOR TO PROVIDE INFORMATION FOR LANDSCAPE ARCHITECT'S APPROVAL	
21	8' CHAIN LINK FENCE	
22	ARTIFICIAL TURF EVENT LAWN	
23	6'-0" CHAIN LINK FENCE	
24	PICKLEBALL COURT MARKINGS	
25	COURT SURFACING COLOR 3 "LIGHT GREEN"	
26	TRASH RECEPTACLES RECEPTABLE 157-3254-FTO 32 GAL WISHIELD SIDE DOOR FLAT TOP LID BY DUMCK, INC OR APPROVED EQUAL	
27	SITE LIGHTING	
28	MASONRY FIRE PIT	
29	SITE FURNISHINGS	
30	RESTROOMS	
31	OVERHEAD CANOPY SHADE STRUCTURES	
32	TACTILE WARNING DEVICES	



SITE ARCHITECTURAL PLAN



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SITE ARCHITECTURAL PLAN

SA101

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PLANTING NOTES:

1. ALL PLANTING BEDS ARE TO BE IRRIGATED
2. ALL DISTURBED LAWN AREAS WILL BE SOODED.
3. ANY LANDSCAPE MATERIALS TO BE USED FOR SCREENING MUST BE AT LEAST THE HEIGHT OF THE MATERIAL THAT IT IS INTENDED TO SCREEN.
4. LANDSCAPED AREAS MUST BE IRRIGATED.
5. NO TREE, SHRUB, OR WOODY VEGETATION WILL BE PLANTED WITHIN A DISTANCE OF 10 FEET FROM ANY FIRE HYDRANT OR FIRE DEPARTMENT CONNECTION (FDC).
6. NO TREES WILL BE PLANTED WITHIN 15 FEET OF A STREETLIGHT.
7. THE DEVELOPER, ITS SUCCESSOR AND/OR SUBSEQUENT OWNERS AND THEIR AGENTS WILL MAINTAIN LANDSCAPING ON THE PROPERTY ON A CONTINUING BASIS FOR THE LIFE OF THE DEVELOPMENT.
8. PLANT MATERIALS THAT EXHIBIT EVIDENCE OF INSECTS, PESTS, DISEASE AND/OR DAMAGE MUST BE APPROPRIATELY TREATED. DEAD PLANTS MUST BE PROMPTLY REMOVED AND REPLACED.
9. ALL LANDSCAPING IS SUBJECT TO PERIODIC INSPECTION BY THE

- PLANNING OFFICIAL OR DESIGNEE.
10. THE PROPERTY OWNER WILL MAINTAIN LANDSCAPE AREAS IN GOOD CONDITION AND IN A WAY THAT PRESENTS A HEALTHY, NEAT, AND ORDERLY APPEARANCE. THIS MAINTENANCE MUST INCLUDE WEEDING, WATERING, FERTILIZING, PRUNING, MOWING, EDGING, MULCHING, OR OTHER MAINTENANCE, IN ACCORDANCE WITH ACCEPTABLE HORTICULTURAL PRACTICES.
 11. THE CITY MAY CAUSE REMOVAL OF ANY DEAD OR DISEASED TREES, PLANTS, AND SHRUBS ON PRIVATE PROPERTY WITHIN THE CITY, WHEN THOSE TREES, PLANTS AND SHRUBS CONSTITUTE A HAZARD TO LIFE AND/OR PROPERTY OR HARBOR INSECTS OR DISEASE WHICH CONSTITUTES A POTENTIAL THREAT TO OTHER TREES, PLANTS, OR SHRUBS WITHIN THE CITY.
 12. EXTERIOR GROUND-MOUNTED OR BUILDING-MOUNTED UTILITIES MUST BE SCREENED ON THREE SIDES WITH PLANTINGS AT LEAST AS TALL AS THE UTILITY BOX AT THE TIME OF PLANTING, OR AN ARCHITECTURAL TREATMENT COMPATIBLE WITH THE BUILDING.
 13. ALL BEDS TO BE MULCHED WITH DOUBLE-SHREDDED HARDWOOD MULCH, NATURAL COLOR UNLESS OTHERWISE INDICATED ON THE PLANS.

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER
TREES						
	ACE OGL	4	ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY RED MAPLE	2.5" CAL.	B&B
	CER OKL	8	CERCIS CANADENSIS 'TEXENSIS' OKLAHOMA'	OKLAHOMA TEXAS REDBUD	2.5" CAL.	B&B
	JUN KET	8	JUNIPERUS CHINENSIS 'KETELEERI'	KETELEERI CHINESE JUNIPER	6" HT.	B&B
	MAL PRA	2	MALUS X 'PRAIRIFIRE'	PRAIRIFIRE CRABAPPLE	2.5" CAL.	B&B
	PIC DEN	3	PICEA GLAUCA 'DENSATA'	BLACK HILLS WHITE SPRUCE	6" HT.	B&B
	TL RED	9	TILIA AMERICANA 'REDMOND'	REDMOND AMERICAN LINDEN	2.5" CAL.	B&B
	ULM ALL	6	ULMUS PARVIFOLIA 'ALLEE'	ALLEE LACEBARK ELM	2.5" CAL.	B&B
SHRUBS						
	BER KOB	15	BERBERIS THUNBERGII 'KOBOLD'	KOBOLD JAPANESE BARBERRY	5 GAL.	POT
	BUX MON	16	BUXUS SEMPERVIRENS 'MONRUE'	GREEN TOWERS UPRIGHT BOXWOOD	5 GAL.	POT
	CHA TEX	38	CHAENOMELES JAPONICA 'TEXAS SCARLET'	TEXAS SCARLET JAPANESE FLOWERING QUINCE	5 GAL.	POT
	COR ARG	11	CORNUS ALBA 'ARGENTEOMARGINATA'	VARIEGATED TATARIAN DOGWOOD	5 GAL.	POT
	COR KLS	9	CORNUS SERICEA 'KELSEY'	KELSEY'S DWARF RED TWIG DOGWOOD	3 GAL.	POT
	EYO COM	34	EUONYMUS ALATUS 'COMPACTUS'	COMPACT BURNING BUSH	5 GAL.	POT
	JUN BL3	25	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	BLUE CHIP CREEPING JUNIPER	5 GAL.	POT
	JUN MNS	40	JUNIPERUS PFITZERIANA 'MONSANT'	SEA OF GOLD PFITZER JUNIPER	5 GAL.	POT
	MIS JAP	13	MISCANTHUS SINENSIS	EULALIA GRASS	5 GAL.	POT
SOODED						
	TUR SOD	53,257 SF	TURF SOD	DROUGHT TOLERANT FESCUE BLEND	SOD	



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Planting Ordinance Calculations			
STREET TREES REQUIRED			
1	street tree 40 LF at 10' offset		
2	250 LF street tree 40 LF at 7' trees		
Trees provided: 7			
REQUIRED BUFFER			
Note: "Commercial" commercial parking or other areas under common ownership and ownership to other buffer requirements			
LANDSCAPING ALONG ARTERIAL COLLECTION STREETS			
Not applicable, site is located along "Expressway 40" as defined by the Olathe Major Street Map. No. 40 is the road to be improved as a collector street as defined by the map.			
PAVING LOT SCREENING & LANDSCAPING			
2 required shade trees for parking lot (1 tree 30' planting space); 31 proposed species			
Trees provided: 4			

*1/3 of species must be evergreen
*5'-0" spacing between street trees and sidewalk or right-of-way line
*No trees within 10' of a fire hydrant, 15' of a street light
*No trees within 15' of a street light
*Min. 6" 0" planting bed

PLANTING PLAN



PLANTING PLAN

LP101