

Drawing name: K:\IND_LEV\170073001_Cornerstone_MCB_McCordsville_IN\2 Design\CADD\planSheets\C0.0-TITLE SHEET.dwg CO.0 May 19, 2023 11:54am by: Dakota-Rochette
This document, together with the concepts and design presented herein, is an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



FINAL ENGINEERING PLANS

IU HEALTH - MCCORDSVILLE

TOWN OF MCCORDSVILLE, IN 46055

UTILITY AND GOVERNING AGENCY CONTACTS

SERVICE / JURISDICTION	COMPANY / DEPT.	ADDRESS	PHONE NUMBER	CONTACT
SANITARY SEWER	AQUA INDIANA	5750 CASTLE CREEK PARKWAY NORTH DR. SUITE 314, INDIANAPOLIS, IN 46250	(317) 577-1390	JIM SHIELDS, P.E.
STORM SEWER	MCCORDSVILLE PUBLIC WORKS	6280 W 800 N MCCORDSVILLE, IN 47201	(317) 335-3493	RON CRIDER
WATER	CITIZENS ENERGY GROUP/CWA AUTHORITY, INC	2150 DR MARTIN LUTHER KING JR ST., INDIANAPOLIS, IN 46202	(317) 927-4351	BRAD HOSTETLER
NATURAL GAS	CENTERPOINT ENERGY	101 WEST OHIO ST., INDIANAPOLIS, IN 46202	(800) 227-1376	DAVID SHERRY
ELECTRICITY				
TELEPHONE / COMMUNICATIONS	NINESTAR CONNECT	2243 E MAIN ST GREENFIELD, IN 46140	(317) 323-2081	JASON WARRICK
STREETS	MCCORDSVILLE PUBLIC WORKS	6280 W 800 N MCCORDSVILLE, IN 47201	(317) 335-3493	RON CRIDER
PLANNING AND ZONING	MCCORDSVILLE PLANNING AND BUILDING DEPARTMENT	6280 W 800 N MCCORDSVILLE, IN 46055	(317) 335-3604	RYAN CRUM

PROJECT TEAM

ROLE	COMPANY	ADDRESS	PHONE NUMBER	CONTACT
DEVELOPER/OWNER	CORNERSTONE COMPANIES, INC	8902 N. MERIDIAN STREET, SUITE 205 INDIANAPOLIS, IN 46260	(317) 841-9900	JEFF SHIVELY
CIVIL ENGINEER	KIMLEY-HORN & ASSOCIATES, INC.	250 E. 96TH ST., STE 580, INDIANAPOLIS, IN 46240	(317) 218-9560	BILL BUTZ, PE
LANDSCAPE ARCHITECT	KIMLEY-HORN & ASSOCIATES, INC.	250 E. 96TH ST., STE 580, INDIANAPOLIS, IN 46240	(317) 218-9560	MICHELLE DYER, PLA
LAND SURVEYOR	CENTRAL STATES CONSULTING, LLC	23-B NORTH GREEN STREET, BROWNSBURG, IN 46112	(317) 858-8662	DONALD R. MOSSON

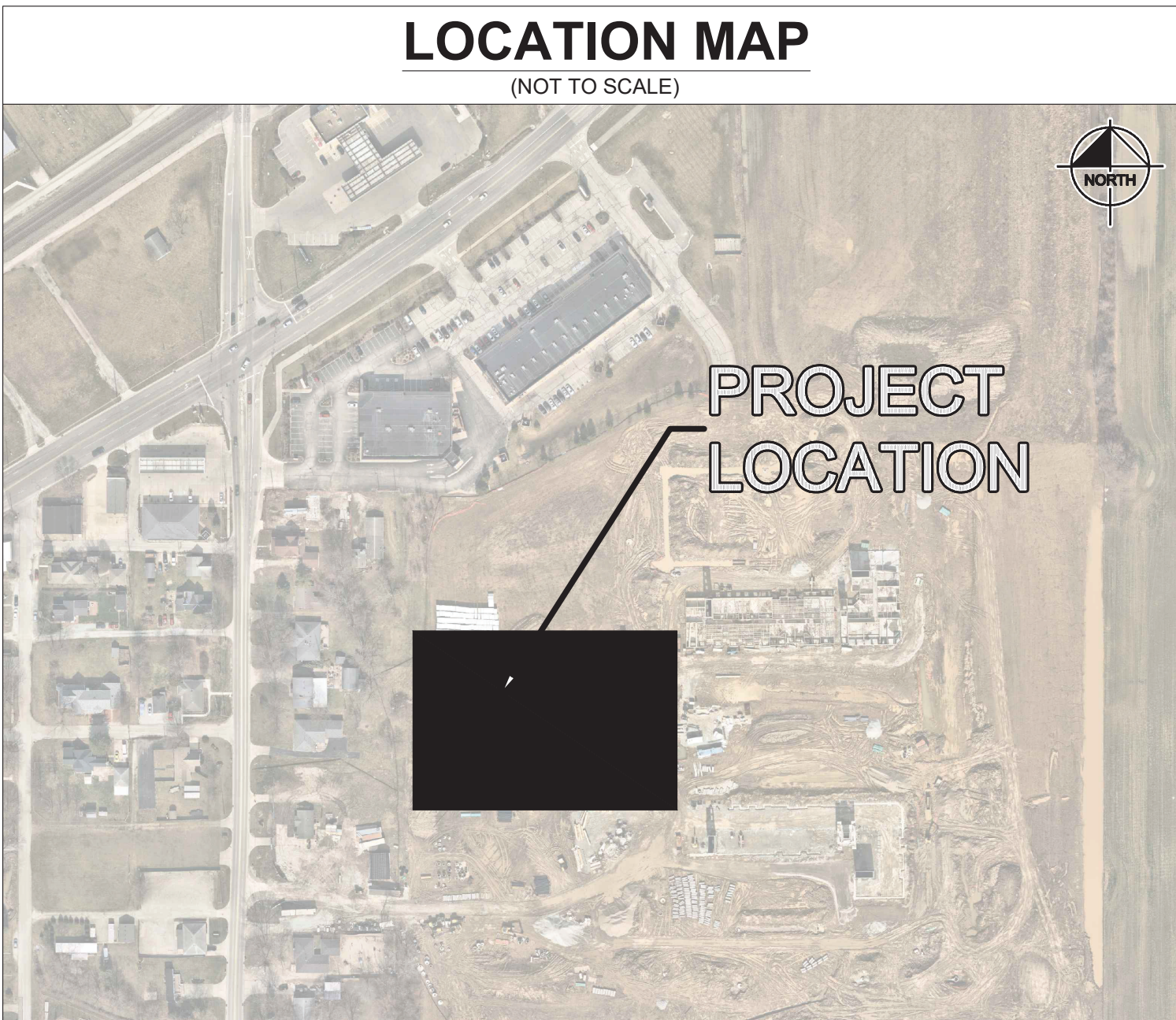
LEGAL DESCRIPTION

ORIGINAL: LOT 1, 2 AND 3 OF MYRTA SMITH AND A PART OF
LOT 6 OF MCCORD SQUARE SUBDIVISION

NEW PLAT UNDERWAY

LOCATION MAP

(NOT TO SCALE)



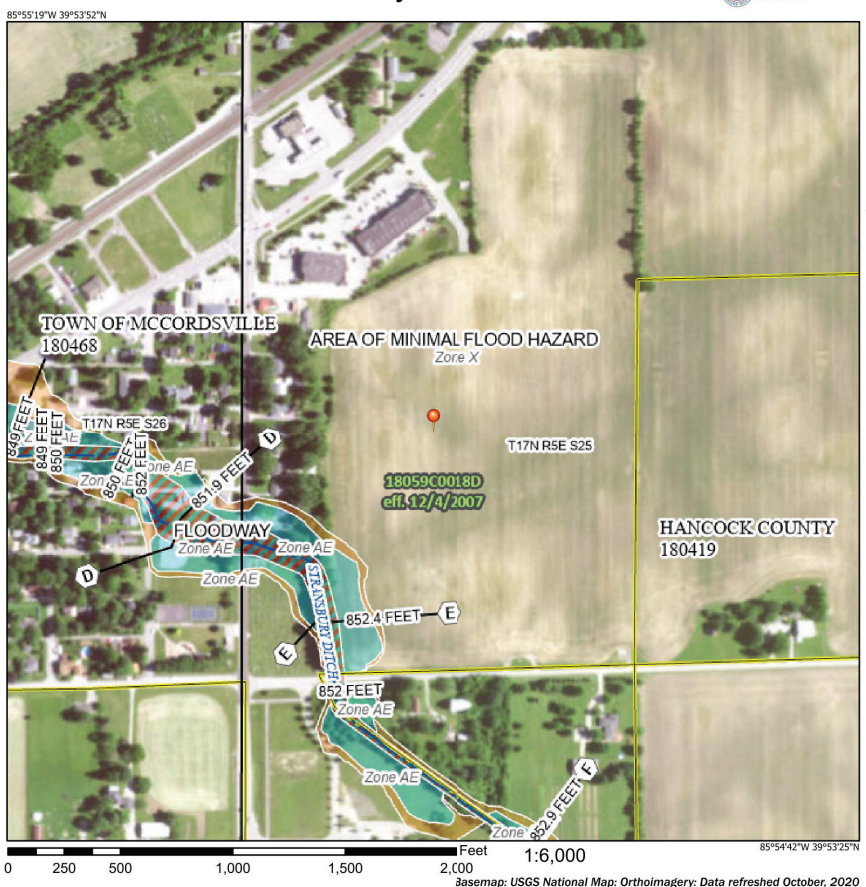
HANCOCK COUNTY

CONSTRUCTION OF A ±14,900SF BUILDING ON ±2.25 AC. PROJECT IS IN
SECTION 25 OF T17N, R5E IN THE TOWN OF MCCORDSVILLE, HANCOCK
COUNTY, INDIANA

Sheet List Table

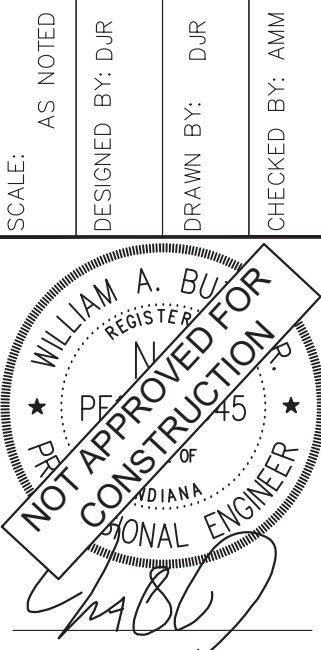
Sheet Number	Sheet Title
C0.0	TITLE SHEET
C1.0	GENERAL SPECIFICATIONS
C1.1	GENERAL NOTES
C2.0	EXISTING CONDITIONS AND DEMO PLAN
C3.0	SITE PLAN
C4.0	EROSION CONTROL PLAN
C4.1	EROSION CONTROL DETAILS
C4.2	SWPPP
C5.0	GRADING AND DRAINAGE PLAN
C6.0	UTILITY PLAN
C6.5	STORM PLAN AND PROFILE
C7.0	CONSTRUCTION DETAILS
C7.1	CONSTRUCTION DETAILS
C7.2	CONSTRUCTION DETAILS
L1.0	LANDSCAPE PLAN
L1.1	LANDSCAPE DETAILS
E101	PHOTOMETRICS (BY OTHERS)
1-10.	MCCORDSVILLE TOWN DETAILS

National Flood Hazard Layer FIRMette



Kimley»Horn

©2023 KIMLEY-HORN AND ASSOCIATES, INC.
250 EAST 96TH STREET, SUITE 580,
INDIANAPOLIS, IN 46240
WWW.KIMLEY-HORN.COM



TITLE SHEET

IU HEALTH CENTER
- MCCORDSVILLE
XXX UNION STREET

ORIGINAL ISSUE:

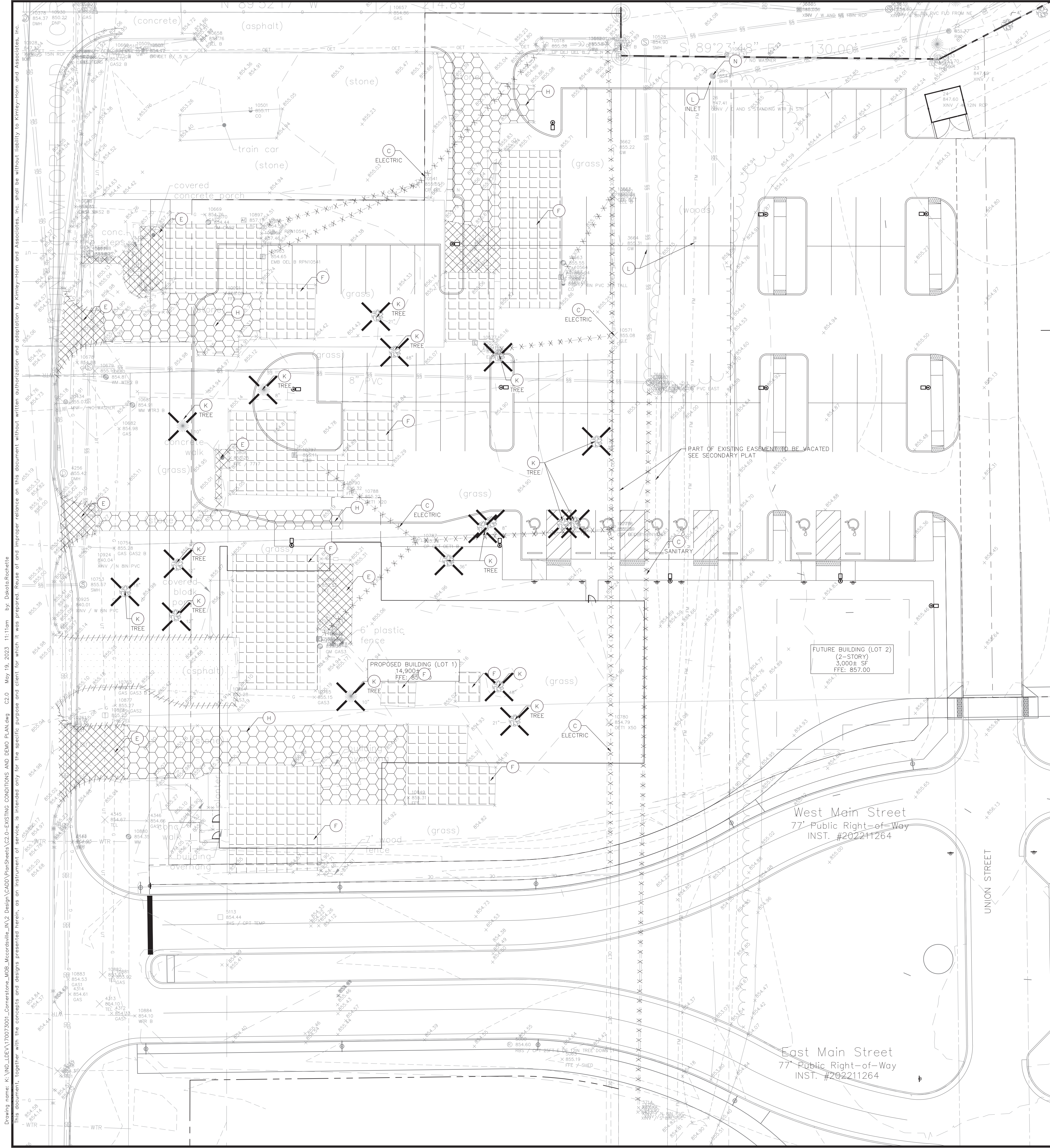
05/19/2023

KHA PROJECT NO.

170073001

SHEET NUMBER

C0.0



Indiana Utilities Protection Service

Call 811

before you dig

NORTH

GRAPHIC SCALE IN FEET
0 10' 20' 40'

DEMOLITION LEGEND	
A.	SAWCUT LINE
B.	CURB REMOVAL
C.	UTILITY REMOVAL
D.	FULL-DEPTH ASPHALT PAVEMENT REMOVAL
E.	CONCRETE REMOVAL
F.	BUILDING REMOVAL
G.	ASPHALT 1.5" MILL
H.	STONE REMOVAL
I.	FENCE REMOVAL
J.	ITEM TO BE RELOCATED
K.	ITEM TO BE REMOVED
L.	ITEM TO REMAIN, PROTECT THROUGHOUT DURATION OF CONSTRUCTION
M.	REMOVE & REPLACE CASTING WITH NEENAH R-3472
N.	ADJUST CASTING / STRUCTURE TO PROPOSED GRADE

EXISTING LEGEND

	BOLLARD		MISC LID		YARD LIGHT
	CONTROL BENCHMARK		MONITOR WELL		SANITARY CLEANOUT
	ROW MONUMENT		GAS MARKER		SANITARY MANHOLE
	FLAG POLE		GAS METER		VENT PIPE
	MAIL BOX		GAS VALVE		STORM CURB INLET
	UTILITY POLE		AC UNIT		STORM INLET
	POST		AREA LIGHT		STORM ROOF DRAIN
	SOIL BORING		ELECTRICAL BOX		STORM DRAIN MANHOLE
	HANDICAP SYMBOL		ELECTRICAL HAND HOLE		STORM YARD DRAIN
	SIGN		ELECTRICAL METER		FIRE DEPT CONNECTION
	CABLE MANHOLE		ELECTRICAL MANHOLE		FIRE HYDRANT
	CABLE PEDESTAL		ELECTRICAL MARKER		IRRIGATION VALVE
	TELEPHONE PEDESTAL		ELECTRICAL TRANSFORMER		POST INDICATOR VALVE
	TELEPHONE HAND HOLE		GUY POLE/WIRE		WELL
	TELEPHONE MARKER		POWER POLE		WATER METER
	TELEPHONE MANHOLE		TRAFFIC SIGNAL POLE		WATER VALVE
	FIBER OPTIC MAKER		TRAFFIC MANHOLE		TREE / STUMP
	SWALE		TS		TOE OF SLOPE
	FENCE LINE		TB		TOP OF BANK
	SANITARY SEWER		FB		UNDERGROUND FIBER OPTIC
	STORM DRAIN		OE		OVERHEAD ELECTRICAL
	WATER LINE		GAS		UNDERGROUND GAS
	TREE LINE		TEL		UNDERGROUND TELEPHONE

GENERAL PLAN NOTES

REFER TO GENERAL NOTES SHEET FOR MORE INFORMATION INCLUDING THE FOLLOWING: (EXISTING LEGEND, BENCHMARK INFORMATION, AND SPECIFIC GENERAL PLAN NOTES.)

Kimley-Horn

©2023 KIMLEY-HORN AND ASSOCIATES, INC.
250 EAST 96TH STREET, SUITE 550,
INDIANAPOLIS, IN 46240
WWW.KIMLEY-HORN.COM

AS NOTED

DESIGNED BY D.J.R.

DRAWN BY: D.J.R.

CHECKED BY: AMM

WILLIAM A. BUELL

REGISTERED PROFESSIONAL ENGINEER

NOT APPROVED FOR CONSTRUCTION

4/18/2023

CORNERSTONE

EXISTING CONDITIONS AND DEMO PLAN

IU HEALTH CENTER - MCCORDSVILLE

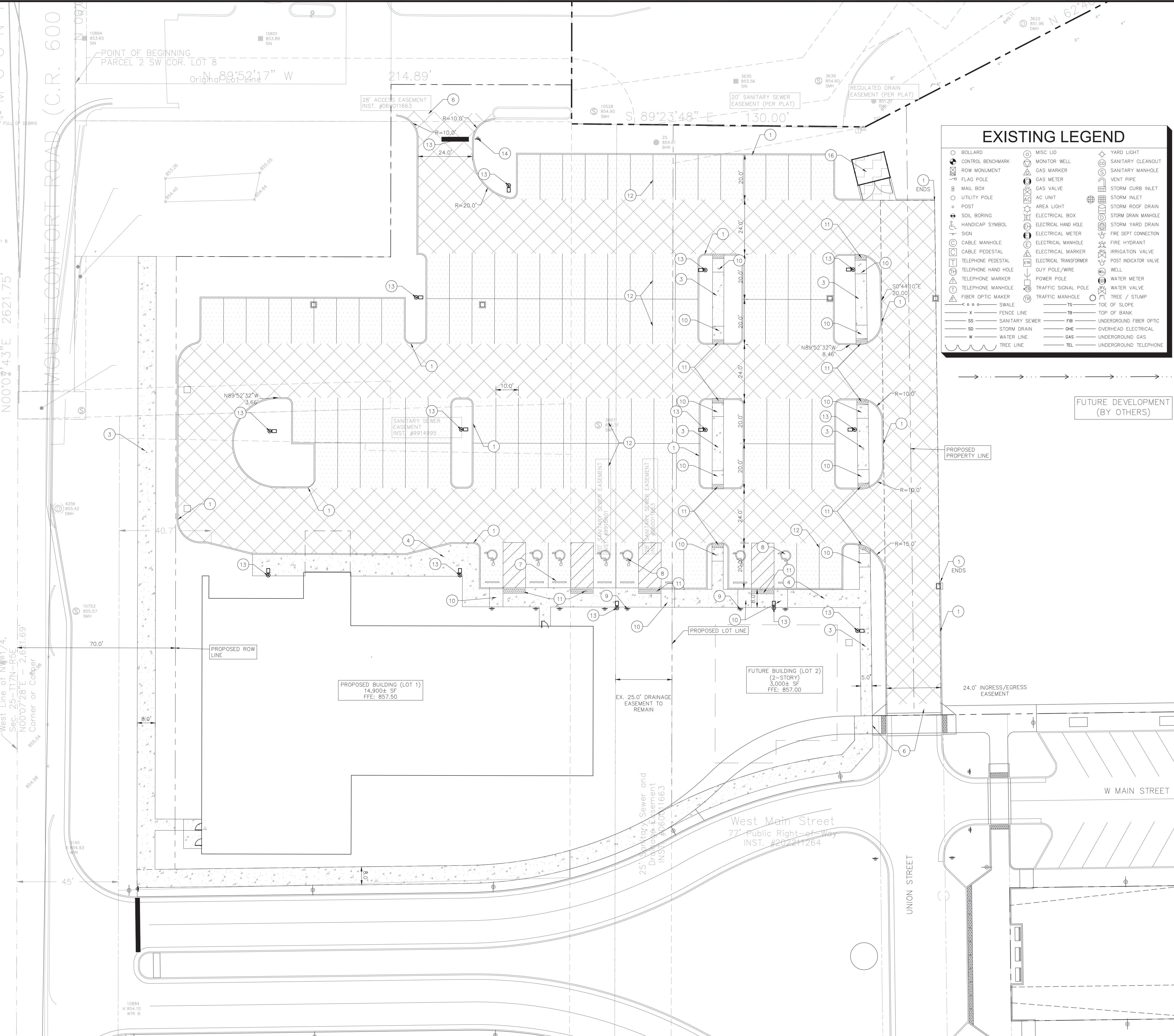
XXX UNION STREET

ORIGINAL ISSUE: 05/19/2023


KHA PROJECT NO. 170073001

SHEET NUMBER


C2.0




Indiana Utilities Protection Service

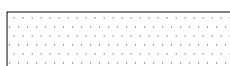



Call 811 

before you dig



GRAPHIC SCALE IN FEET





PAVING LEGEND	
	STANDARD DUTY ASPHALT PAVEMENT SEE CONSTRUCTION DETAILS FOR PAVEMENT SECTION
	HEAVY DUTY ASPHALT PAVEMENT SEE CONSTRUCTION DETAILS FOR PAVEMENT SECTION
	CONCRETE SIDEWALK SEE CONSTRUCTION DETAILS FOR PAVEMENT SECTION
	HEAVY DUTY CONCRETE PAVEMENT SEE CONSTRUCTION DETAILS FOR PAVEMENT SECTION

SITE SUMMARY		
SITE ZONING	=	PUD
SITE ACREAGE	=	2.25 AC.±
BUILDING AREA	=	14,900 SF
BUILDING HEIGHT	=	X' FT
PARKING SPACES (STANDARD) REQUIRED (MIN/MAX)	=	30/52 SPACES
PARKING SPACES (ACCESSIBLE) REQUIRED (MIN/MAX)	=	2/3 SPACES
PARKING SPACES (STANDARD) PROVIDED	=	106 SPACES
PARKING SPACES (ACCESSIBLE) PROVIDED	=	7 SPACES
TOTAL PARKING SPACES PROVIDED	=	113 SPACES

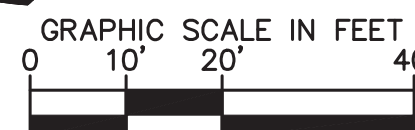
KEY NOTES

1. CONCRETE CURB, TYP. (SEE DETAILS)
2. DEPRESSED CONCRETE CURB AND GUTTER (SEE DETAILS)
3. CONCRETE SIDEWALK, TYP. (SEE DETAILS)
4. COMBINED CURB AND WALK (SEE DETAIL) (5' FROM FACE OF CURB)
5. CONCRETE CURB AND GUTTER (SEE DETAILS)
6. CONNECT TO EXISTING PAVEMENT, SIDEWALK, CURB, TYP.
7. CONCRETE PARKING BUMPER TYP. (SEE DETAILS)
8. ACCESSIBLE PAVEMENT MARKINGS, TYP. (SEE DETAILS)
9. ACCESSIBLE PARKING SIGN, TYP. (SEE PLAN FOR VAN LOCATION)
(MUTCD R7-8, SEE DETAILS)
10. ACCESSIBLE RAMP (SEE DETAILS)
11. 2' WIDE TACTILE WARNING STRIP
12. 4" WIDE PAVEMENT MARKING, WHITE SOLID LINE, TYP.
13. 24" WIDE STOP BAR, TYP. (SEE DETAILS)
14. STOP SIGN, TYP. (MUTCD R1-1, SEE DETAILS)
15. CONCRETE BOLLARD, TYP. (SEE DETAILS)
16. TRASH ENCLOSURE
(SEE ARCHITECTURAL PLANS FOR DETAILS)
17. TRANSFORMER PAD (REFER TO UTILITY PROVIDER)
18. MONUMENT SIGN (SEE ARCHITECTURAL PLANS FOR DETAILS)
19. LIGHT POLES SHOWN FOR COORDINATION ONLY
(SEE SITE LIGHTING PLAN)
20. BIKE RACK (SEE LANDSCAPE PLAN FOR DETAILS)
21. RETAINING WALL (SEE ARCHITECTURAL PLANS FOR DETAILS)
22. 2' CURB TURNOUT (SEE DETAILS)
23. 3'-FT TRANSITION CURB (SEE DETAILS)

<h1>GENERAL PLAN NOTES</h1>	
<p>REFER TO GENERAL NOTES SHEET FOR MORE INFORMATION INCLUDING THE FOLLOWING: (EXISTING LEGEND, BENCHMARK INFORMATION, AND SPECIFIC GENERAL PLAN NOTES.)</p>	

IU HEALTH CENTER - MCCORDSVILLE XXX UNION STREET	SITE PLAN			AS NOTED	Kimley»Horn ©2023 KIMLEY-HORN AND ASSOCIATES, INC. 250 EAST 96TH STREET, SUITE 580, INDIANAPOLIS, IN 46240 TEL: 317.502.0000 WWW.KIMLEY-HORN.COM	No. _____ DATE _____ BY _____
				SCALE:		
DESIGNED BY: DJR		DRAWN BY: DJR		CHECKED BY: AMM		
ORIGINAL ISSUE: 05/19/2023		KHA PROJECT NO. 170073001		SHEET NUMBER		
C3.0						

Call 811
before you dig



4237

L1.0

1. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING MATERIALS AND PLANTS SHOWN ON THE LANDSCAPE PLAN. THE CONTRACTOR IS RESPONSIBLE FOR THE COST TO REPAIR UTILITIES, ADJACENT LANDSCAPE, PUBLIC AND PRIVATE PROPERTY THAT IS DAMAGED BY THE CONTRACTOR OR THEIR SUBCONTRACTOR'S OPERATIONS DURING INSTALLATION OR DURING THE SPECIFIED MAINTENANCE PERIOD. CALL FOR UTILITY LOCATIONS PRIOR TO ANY EXCAVATION AND PLANTING.
2. THE CONTRACTOR SHALL REPORT ANY DISCREPANCY IN PLAN VS. FIELD CONDITIONS IMMEDIATELY TO THE LANDSCAPE ARCHITECT, PRIOR TO CONTINUING WITH THAT PORTION OF WORK.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY OF THEIR TRENCHES OR EXCAVATIONS THAT SETTLE.
4. ALL NURSERY STOCK SHALL BE WELL BRANCHED, HEALTHY, FULL, PRE-INOCULATED AND FERTILIZED. DECIDUOUS TREES SHALL BE FREE OF FRESH SCARS. TRUNKS WILL BE WRAPPED IF NECESSARY TO PREVENT SUN SCALD AND INSECT DAMAGE. THE LANDSCAPE CONTRACTOR SHALL REMOVE THE WRAP AT THE PROPER TIME AS A PART OF THIS CONTRACT.
5. ALL NURSERY STOCK SHALL BE GUARANTEED, BY THE CONTRACTOR, FOR ONE YEAR FROM DATE OF FINAL INSPECTION.
6. PLANTING AREA SOIL SHALL BE TOPSOIL FOR ALL TREE, SHRUB, ORNAMENTAL GRASS, PERENNIAL, AND ANNUAL BEDS. AMENDED SOIL SHALL BE PROVIDED AND GRADED BY THE GENERAL CONTRACTOR UP TO A 6" DEPTH BELOW FINISHED GRADE IN TURF AREAS AND A 12" DEPTH IN PLANTING AREAS.
7. PLANTING AREA TOPSOIL SHALL BE AMENDED WITH 25% SPHAGNUM PEATMOSS, 5% HUMUS AND 65% PULVERIZED SOIL. AMENDED TURF AREA SOIL SHALL BE STANDARD TOPSOIL. TOPSOIL SHALL CONFORM TO TECHNICAL SPECIFICATIONS FREE OF HEAVY CLAY, ROCKS, AND DIRT CLODS OVER 1 INCH IN DIAMETER, AS WELL AS CONTAIN 3%-5% OF ORGANIC MATTER.
8. SEED/SOD LIMIT LINES ARE APPROXIMATE. CONTRACTOR SHALL SEED/SOD ALL AREAS WHICH ARE DISTURBED BY GRADING WITH THE SPECIFIED SEED/SOD MIXES.

-
- The diagram illustrates the process of transplanting a tree. The top part shows a tree with a root ball. The bottom part is a cross-section of the root ball preparation, showing the root ball, the excavated backfill, the tamped backfill, the subgrade, and the shredded hardwood mulch. The root ball is shown with a wire basket and burlap. The excavated backfill is shown as a layer of soil around the root ball. The tamped backfill is shown as a layer of soil around the root ball. The subgrade is shown as the base layer. The shredded hardwood mulch is shown as a layer of mulch around the root ball.
- NOTES:
1. INSPECT TREE FOR DAMAGED BRANCHES. APPLY CORRECTIVE PRUNING
 2. SET ROOT BALL ON UNEXCAVATED OR TAMPED SOIL. TOP OF ROOTBALL SHALL BE TWO INCHES ABOVE SURROUNDING GRADE WITH BURLAP AND WIRE BASKET INTACT.
 3. REMOVE WIRE BASKET AND BURLAP DOWN FOUR TO SIX INCHES BELOW TOP OF ROOT BALL. REMOVE ALL TWINE AND (IF USED), SYNTHETIC MATERIAL. REMOVE OR CORRECT GIRDLING ROOTS.
 4. TAMP EXCAVATED SOIL AROUND BASE OF ROOTBALL.
 5. BACKFILL REMAINDER EXCAVATED SOIL, TAMPED LIGHTLY. HIGH CLAY OR POOR SOIL SHALL RECEIVE SOIL AMENDMENT PER LANDSCAPE NOTES.
 6. WATER THOROUGHLY WITHIN TWO HOURS USING 10 TO 15 GALLONS OF WATER.
 7. APPLY MULCH IN EVEN LAYER, KEEPING AWAY FROM ROOT FLARE.
 8. FINAL LOCATION OF TREE TO BE APPROVED BY OWNER.

<u>TREES</u> AG	<u>QTY</u> 6	<u>BOTANICAL NAME</u> ACER GRISEUM	<u>COMMON NAME</u> PAPERBARK MAPLE	<u>CONT</u> B & B	<u>CAL</u> 2" CAL MIN	<u>HT</u>
CK	7	CLADRASTIS KENTUKEA	AMERICAN YELLOWWOOD	B & B	2" CAL MIN	
GD	9	GLEDITSIA TRIACANTHOS INERMIS 'DRAVES'	STREET KEEPER® HONEY LOCUST	B & B	2" CAL MIN	
PA	6	PLATANUS X ACERIFOLIA	LONDON PLANE TREE	B & B	2" CAL MIN	
UP	10	ULMUS AMERICANA 'PRINCETON'	PRINCETON AMERICAN ELM	B & B	2" CAL MIN	
<u>SHRUBS</u> AV	<u>QTY</u> 13	<u>BOTANICAL NAME</u> ARONIA MELANOCARPA 'VIKING'	<u>COMMON NAME</u> VIKING BLACK CHOKEBERRY	<u>CONT</u> ---	<u>SPACING</u> SEE PLAN	<u>SIZE</u> 18" FULL
BA	14	BAPTISIA AUSTRALIS	BLUE WILD INDIGO	---	SEE PLAN	18" FULL
BG	16	BUXUS X 'GREEN VELVET'	GREEN VELVET BOXWOOD	---	SEE PLAN	18" FULL
IA	38	ILEX VERTICILLATA 'NCIV1'	LITTLE GOBLIN® RED WINTERBERRY	---	SEE PLAN	18" FULL
IH	10	ILEX VERTICILLATA 'NCIV3'	LITTLE GOBLIN® GUY WINTERBERRY	---	SEE PLAN	18" FULL
IS	43	ILEX GLABRA 'ILEXFARROWTRACEY'	STRONGBOX® INKBERRY HOLLY	---	SEE PLAN	18" FULL
MP	8	MYRICA PENSYLVANICA	NORTHERN BAYBERRY	---	SEE PLAN	18" FULL
TD	70	TAXUS X MEDIA 'DENSIFORMIS'	DENSE ANGLO-JAPANESE YEW	---	SEE PLAN	18" FULL
VM	18	VIBURNUM DENTATUM 'BLUE MUFFIN'	BLUE MUFFIN ARROWWOOD VIBURNUM	---	SEE PLAN	18" FULL

1 TREE PLANTING

NTS

A cross-sectional diagram illustrating the correct method for planting two trees in a bed. The trees are shown in their root balls, which are placed in a prepared bed. The bed is filled with amended soil, and the surface is covered with shredded hardwood mulch. A dimension line indicates that the mulch should extend a minimum of 6 inches beyond the root ball. The edges of the bed are finished with a spaded edge. The underlying ground is labeled as subgrade.

MINIMUM 6" BEYOND ROOT BALL

SHREDDED HARDWOOD MULCH

SPADED BED EDGE

AMENDED SOIL

SUBGRADE

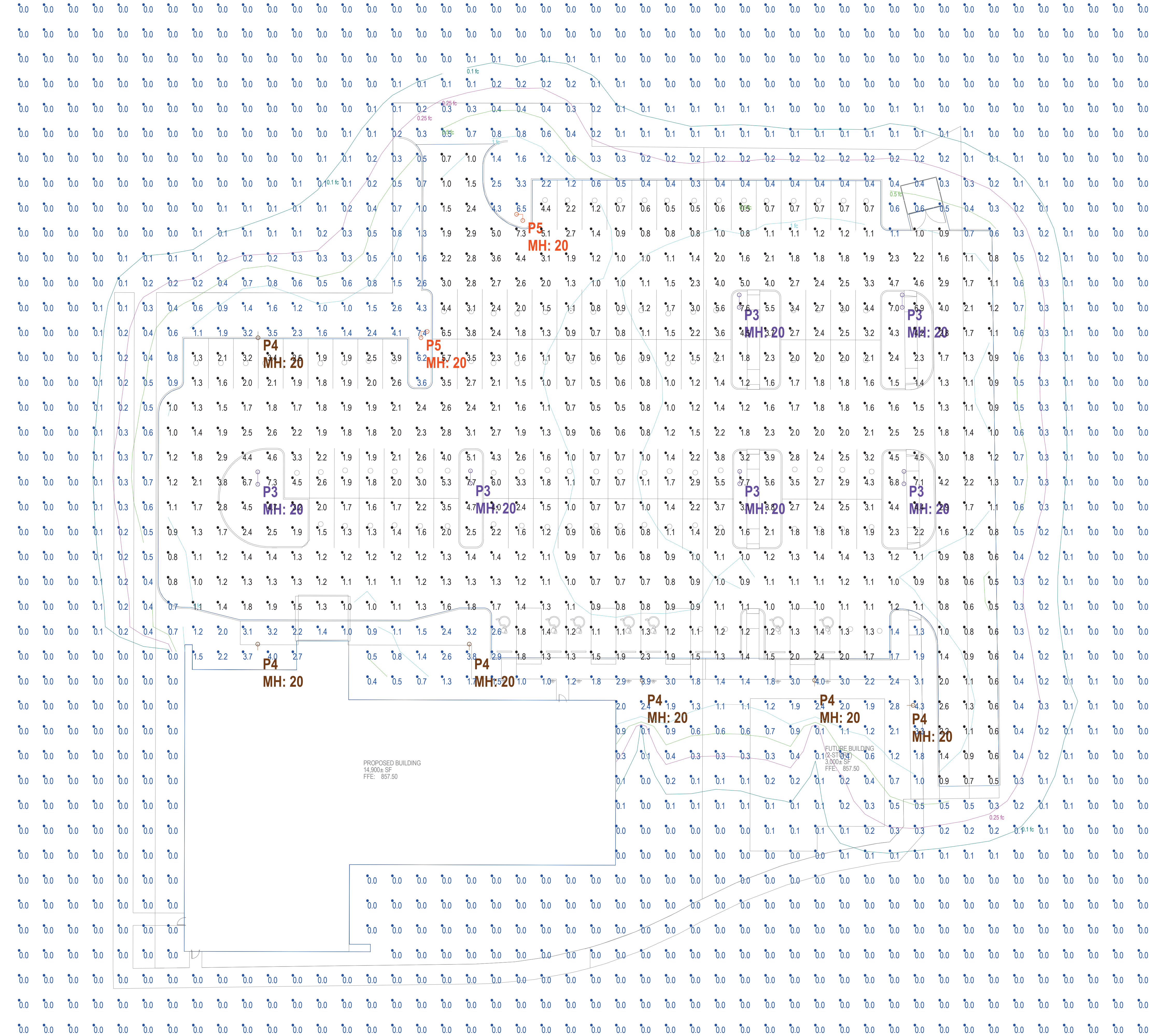
- 2
- SHRUB PLANTING
- NTS
- NOTES:
1. EXCAVATE PLANTING BED.
 2. BED HEIGHT IS TO BE 2" ABOVE FINISH GRADE AND WELL DRAINED.
 3. REMOVE CONTAINER, SCORE SOIL MASS TO REDIRECT AND PREVENT CIRCLING ROOTS. CORRECT GIRDLING ROOTS.
 2. PLANT MATERIAL SHALL BE LAID OUT BY FOLLOWING THE BED EDGE, WORKING TOWARDS THE CENTER OF THE BED USING TRIANGULAR (STAGGERED) SPACING AS PLAUSIBLE.
 3. PLUMB AND BACKFILL WITH PLANTING MIX AS SPECIFIED IN LANDSCAPE NOTES.
 4. APPLY MULCH IN EVEN LAYER, KEEPING AWAY FROM ROOT FLARE. MULCH LIMITS FOR PERENNIALS/GROUND COVER EXTEND TO ALL LIMITS OF PLANTING BED, SEE PLANS FOR BED LAYOUTS.
 5. SPACING TO BE AS SPECIFIED IN THE PLANT LIST. PERENNIALS SHALL BE PLACED WITH THEIR CENTER 24" FROM EDGE OF BED.
- The diagram consists of two parts: a plan view and a cross-section view.

PLAN VIEW: Shows a curved planting bed with several shrubs planted in a staggered pattern. The plants are represented by stylized flower-like symbols.

Cross-section View: Shows a cross-section of the planting bed. The bed is filled with amended soil and mulch. The mulch is labeled "HARDWOOD SHREDDED MULCH". The bed edge is labeled "SPADED BED EDGE". The soil is labeled "AMENDED SOIL". The subgrade is labeled "SUBGRADE". The spacing between plants is labeled "O.C. SPACING, SEE PLANS FOR DETAILS".

3 PERENNIAL PLANTING

L1.1	SHEET NUMBER	KHA PROJECT NO. 170073001	ORIGINAL ISSUE: 05/19/2023	IU HEALTH CENTER - MCCORDSVILLE XXX UNION STREET	LANDSCAPE DETAILS	 CORNERSTONE	 <i>Michele Gray</i>	Kimley»Horn ©2022 KIMLEY-HORN AND ASSOCIATES, INC. 1500 WEST WASHINGTON AVENUE, SUITE 580, INDIANAPOLIS, IN 46220 PH: (317) 962-1000 WWW.KIMLEY-HORN.COM SCALE: AS NOTED DESIGNED BY: DJR DRAWN BY: DJR CHECKED BY: AMW	No.	DATE	BY
------	--------------	------------------------------	-------------------------------	--	----------------------	------------------------	-------------------------	--	-----	------	----



SITE LIGHTING - PLAN VIEW
Scale: 1 inch= 20 Ft.

PHOTOMETRIC PLAN DESIGNED BY ESL-SPECTRUM
WWW.ESL-SPECTRUM.COM
PHONE: 317.951.2300

Luminaire Schedule								
Project: 20230098-ZN MCCORDSVILLE MOB - SITE LIGHTING (5-18-23)								
Symbol	Qty	Label	Arrangement	Lum. Watts	Lum. Lumens	LLF	Manufacturer	Description
	6	P3	Back-Back	73	7726	0.850	LANDSCAPE	LE350-T4-HO-CLR - TWIN - 20' POLE
	6	P4	Single	73	7726	0.850	LANDSCAPE	LE350-T4-HO-CLR - 20' POLE
	2	P5	2 @ 90 degrees	73	7726	0.850	LANDSCAPE	LE350-T4-HO-CLR - TWIN - 20' POLE

CALCULATIONS ARE MAINTAINED HORIZONTAL ILLUMINANCE FIGURES IN FOOT-CANDLES
POINTS SHOWN ARE AT GRADE
FIXTURE MOUNTING HEIGHTS ARE SPECIFIED NEXT TO FIXTURES AS "MH"

Calculation Summary						
Project: 20230098-ZN MCCORDSVILLE MOB - SITE LIGHTING (5-18-23)						
Label	CalcType	Units	Avg	Max	Min	Avg/Min
PARKING LOT_Grade	Illuminance	Fc	1.92	7.7	0.5	3.84
PERIMETER_Grade	Illuminance	Fc	0.10	7.4	0.0	N.A.

ESL-Spectrum's services are for estimation purposes only, and are not warranties.
Final design and illumination levels must be determined and specified by an electrical engineer.
Field results may differ from computer predictions because of many uncontrollable factors and adverse test conditions such as:
line voltage variations, lamp performance, product manufacturing tolerances, jobsite conditions, and other unrecoverable light-loss factors.

THE FIXTURE TYPE(S) AND LAMPING(S) SPECIFIED ON THIS LAYOUT MUST BE USED IN ORDER TO MEET THE EXACT CRITERIA AND PERFORMANCE DATA SHOWN.
IES RECOMMENDED ILLUMINANCE TARGETS USED WHERE APPLICABLE.