

Drawing name: K:\IND_LDEV\170150023_M\Homes_McMerron_Noblesville_IN_LP\ Design\CAD\Plans\Sheets\Cover_Sheet.dwg C100 COVER SHEET Feb 26, 2024 11:42am by Grant.Shortridge
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PLANS PREPARED BY:
KIMLEY-HORN & ASSOCIATES
500 EAST 96TH STREET, SUITE 300
INDIANAPOLIS, IN 46240
CONTACT: BRETT HUFF
PHONE: (317) 912-4129
EMAIL: BRETT.HUFF@KIMLEY-HORN.COM

DEVELOPMENT STANDARDS: SEE
TOWNES AT 238 PUD

UTILITY AND GOVERNING AGENCY CONTACTS

SERVICE / JURISDICTION	COMPANY / DEPT.	ADDRESS	PHONE NUMBER	CONTACT
SANITARY SEWER	CITY OF NOBLESVILLE WASTEWATER DEPARTMENT	197 WEST WASHINGTON STREET NOBLESVILLE, IN 46060	317-776-6353	
WATER	INDIANA AMERICAN WATER COMPANY INC.	15227 HERRIMAN BLVD NOBLESVILLE, IN 46060	317-900-4975	JOSHUA COX
STREETS	CITY OF NOBLESVILLE DEPARTMENT OF ENGINEERING	16 SOUTH 10TH STREET, SUITE 155 NOBLESVILLE, IN 46060	317-776-6330	
DRAINAGE	CITY OF NOBLESVILLE DEPARTMENT OF ENGINEERING	16 SOUTH 10TH STREET, SUITE 155 NOBLESVILLE, IN 46060	317-776-6330	
ELECTRICITY	DUKE ENERGY INDIANA	100 SOUTH MILL CREEK ROAD NOBLESVILLE, INDIANA 46062	317-776-5365	MARC DILLER
NATURAL GAS	VECTREN ENERGY	16000 ALLISONVILLE ROAD NOBLESVILLE, INDIANA 46060	317-776-5537	CATHY MIESSEN
TELEPHONE / COMMUNICATIONS	AT&T - ENGINEERING	240 N. MERIDIAN STREET, 2ND FLOOR, ROOM 280 INDIANAPOLIS, IN 46204	317-252-4267	BRIAN PETERS
FIBER OPTICS	MCLEOD USA	6400 C STREET SW P.O. BOX 3177 CEDAR RAPIDS, IA 52406	317-697-2863	

PROJECT TEAM

ROLE	COMPANY	ADDRESS	PHONE NUMBER	EMAIL	CONTACT
DEVELOPER/OWNER	M/I HOMES OF INDIANA, LP	8424 WOODFIELD CROSSING BLVD., STE 100W, INDIANAPOLIS, IN 46240	704-363-4491	mreeve@mihomes.com	MICHEAL REEVE
CIVIL ENGINEER	KIMLEY-HORN & ASSOCIATES, INC.	500 E. 96TH ST., STE 300, INDIANAPOLIS, IN 46240	317-912-4129	brett.huff@kimley-horn.com	BRETT HUFF
LANDSCAPE ARCHITECT	START TO FINISH LANDSCAPING	3375 S 500 E, WHITESTOWN, IN 46075	317-902-9141	tom@starttofinish.com	TOM FELLEGY

AFTER HAVING GIVEN PUBLIC NOTICE OF THE TIME, PLACE, AND NATURE OF HEARING ON AN APPLICATION PENDING BEFORE THE NOBLESVILLE PLAN COMMISSION AND UNDER THE AUTHORITY PROVIDED BY STATE STATUTE AND ALL ACTS AMENDATORY THEREOF, AND UPON FINDING THAT THIS SUBDIVISION PLAT IS IN CONFORMANCE WITH THE SUBDIVISION REGULATIONS AS SERT FORTH IN THE UNIFIED DEVELOPMENT ORDINANCE FOR THE CITY OF NOBLESVILLE, THIS PLAT WAS GRANTED APPROVAL BY A MAJORITY OF THE MEMBERS OF THE NOBLESVILLE PLAN COMMISSION AT THE MEETING HELD ON _____ DAY OF _____ 2024.

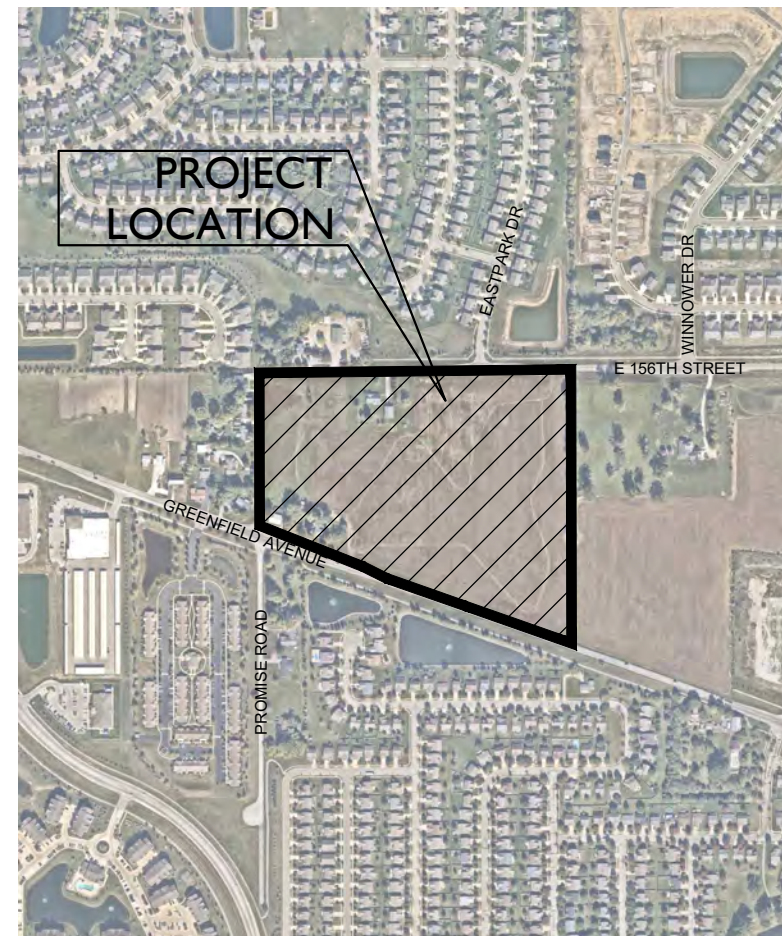
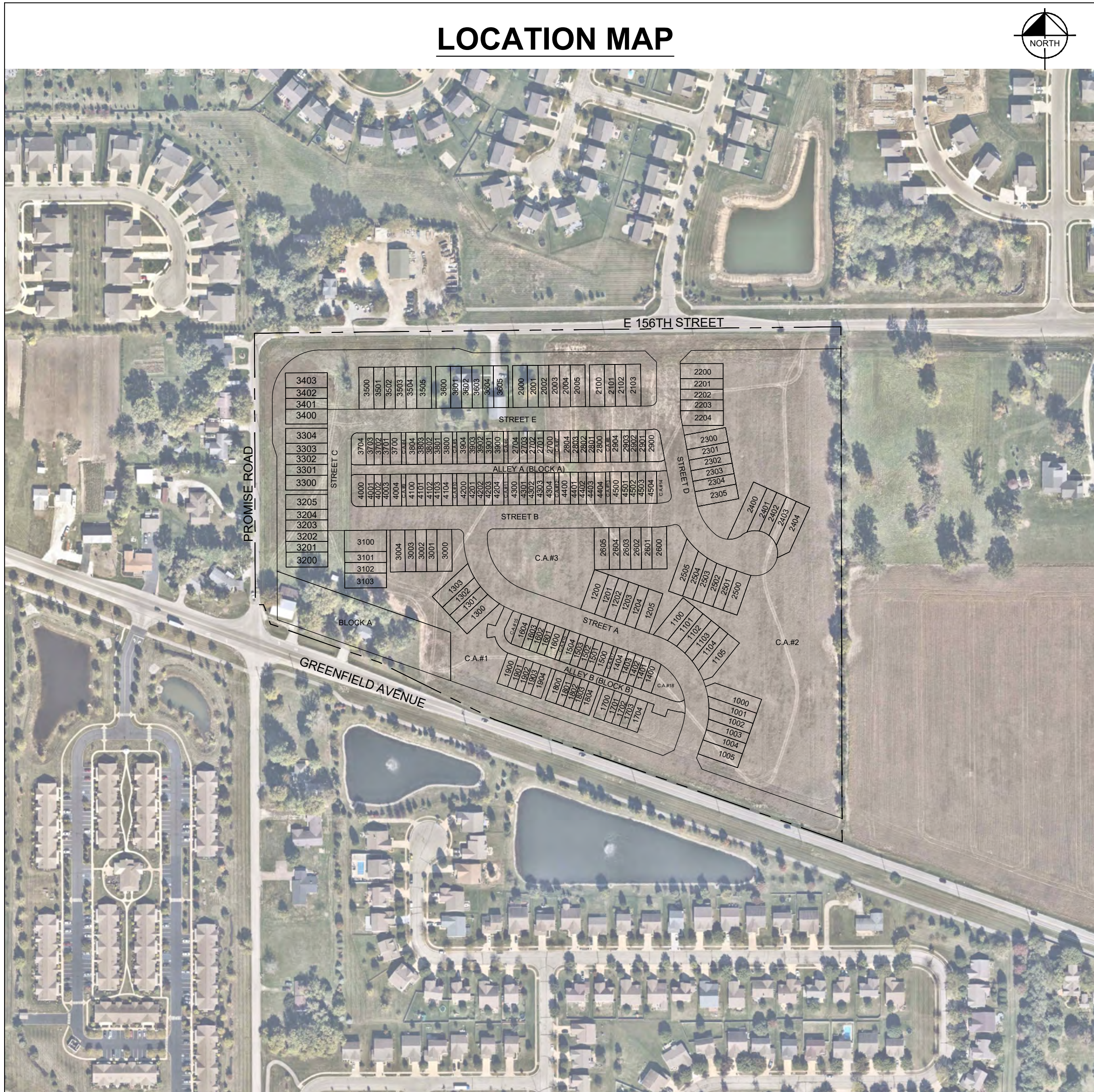
PLAN COMMISSION

PRESIDENT -- MALINDA WILCOX

SECRETARY -- STEVEN R. HUNTLEY

TOWNES AT 238 NOBLESVILLE, INDIANA PRELIMINARY DEVELOPMENT PLAN DOCKET #LEGP 0018-2024

LOCATION MAP



VICINITY MAP
(N.T.S.)

Sheet List Table

Sheet Number	Sheet Title
C100	COVER SHEET
P100	PRIMARY PLAT
C200	SITE DEVELOPMENT PLAN
C201	SITE DEVELOPMENT PLAN
C202	OVERALL SITE PLAN
C300	EMERGENCY FLOOD ROUTING
C400	EROSION CONTROL PLAN
C403	EROSION CONTROL DETAILS
C404	EROSION CONTROL DETAILS
C405	EROSION CONTROL DETAILS
C500	SIGNAGE AND LIGHTING PLAN
C600	LINE OF SIGHT PLAN
C700	MAILBOX PLAN
C701	MAILBOX PLAN
C702	MAILBOX PLAN
L1-L5	LANDSCAPE PLAN

PROJECT INFORMATION

TOTAL AREA	26.71 AC
TOTAL LOTS	186
DESIGN SPEED LIMIT	25 MPH
TOTAL BLOCK	0.6 AC±
TOTAL C.A. (OPEN SPACE)	9.7 AC± (36.3%)
TOTAL R.O.W.	7.1 AC±
DEVELOPABLE AREA	19.7 AC±
IMPERVIOUS AREA	10.3 AC±
DENSITY	9.44 UNITS/AC
TOTAL LAKE AREA	1.57 AC
PARKING SPACES PROVIDED	186 UNITS X 4 SPACES = 744 + 9 GUEST SPACES

STREETS

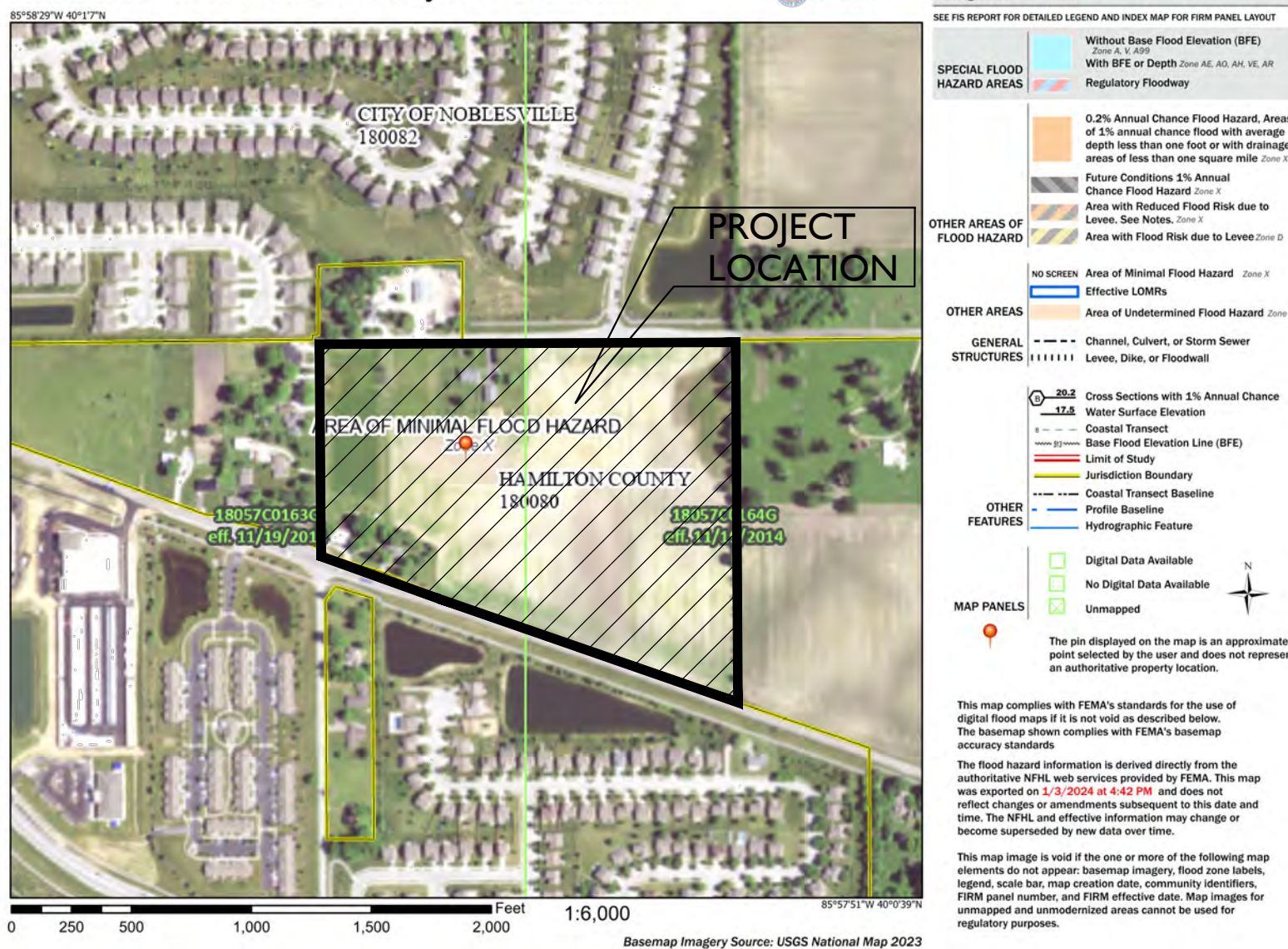
NAME	LENGTH (LF±)
STREET A	933
STREET B	789
STREET C	476
STREET D	641
STREET E	749
ALLEY A	768
ALLEY B	581
TOTAL	4937

TOWNES AT 238

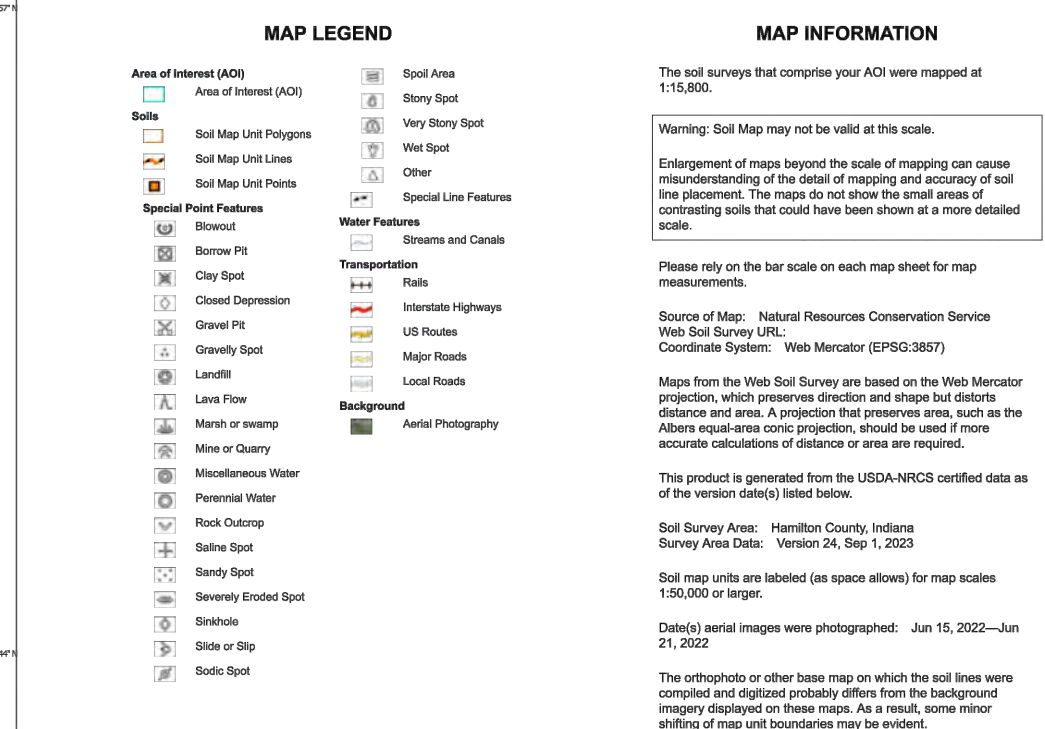
PART OF THE EAST HALF OF THE NORTHWEST QUARTER OF SECTION 16, TOWNSHIP 18 NORTH, RANGE 5 EAST IN HAMILTON COUNTY, INDIANA MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A HARRISON MONUMENT MARKING THE NORTHEAST CORNER OF SAID SECTION 16, SAID POINT ALSO BEING THE NORTHWEST CORNER OF THE REPLAT OF LOT 2 IN HOOD'S MEADOW, RECORDED AS INSTRUMENT NUMBER 2022039936 IN THE OFFICE OF THE RECORDER FOR HAMILTON COUNTY; THENCE SOUTH 00 DEGREES 08 MINUTES 13 SECONDS EAST ALONG THE EAST LINE OF SAID SECTION 16 A DISTANCE OF 1,170.41 FEET TO A POINT ON THE NORTH RIGHT OF WAY LINE FOR STATE ROAD 238 (GREENVILLE AVENUE); THENCE NORTH 70 DEGREES 36 MINUTES 22 SECONDS WEST ALONG SAID RIGHT OF WAY LINE 838.00 FEET; THENCE NORTH 63 DEGREES 32 MINUTES 34 SECONDS WEST 290.92 FEET; THENCE NORTH 70 DEGREES 36 MINUTES 22 SECONDS WEST 262.47 FEET; THENCE NORTH 19 DEGREES 37 MINUTES 41 SECONDS WEST 46.77 FEET; THENCE SOUTH 89 DEGREES 55 MINUTES 25 SECONDS WEST 19.02 FEET TO A POINT ON THE WEST LINE OF THE EAST HALF OF THE NORTHWEST QUARTER OF SAID SECTION 16; THENCE NORTH 00 DEGREES 09 MINUTES 18 SECONDS WEST ALONG SAID WEST LINE 616.72 FEET TO A STONE FOUND MARKING THE NORTHWEST CORNER OF SAID HALF, QUARTER SECTION; THENCE NORTH 89 DEGREES 22 MINUTES 16 SECONDS EAST ALONG THE NORTH LINE OF SAID HALF, QUARTER SECTION 1,332.16 FEET TO THE POINT OF BEGINNING OF THIS DESCRIPTION, CONTAINING 28.01 ACRES, MORE OR LESS.

National Flood Hazard Layer FIRMette



PROJECT LOCATION N.T.S.



FLOOD MAP (N.T.S.)

Kimley»Horn

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WWW.KIMLEY-HORN.COM

AS NOTED

DESIGNED BY: JSM

DRAWN BY: GMS

CHECKED BY: BAH

APPROVAL PENDING

NO FOR CONSTRUCTION

COVER SHEET

TOWNES AT 238

PRELIMINARY

DEVELOPMENT PLAN

ORIGINAL ISSUE:

01/17/2024

KHA PROJECT NO.

170150023

SHEET NUMBER

C100

REVISIONS

DATE

BY

1

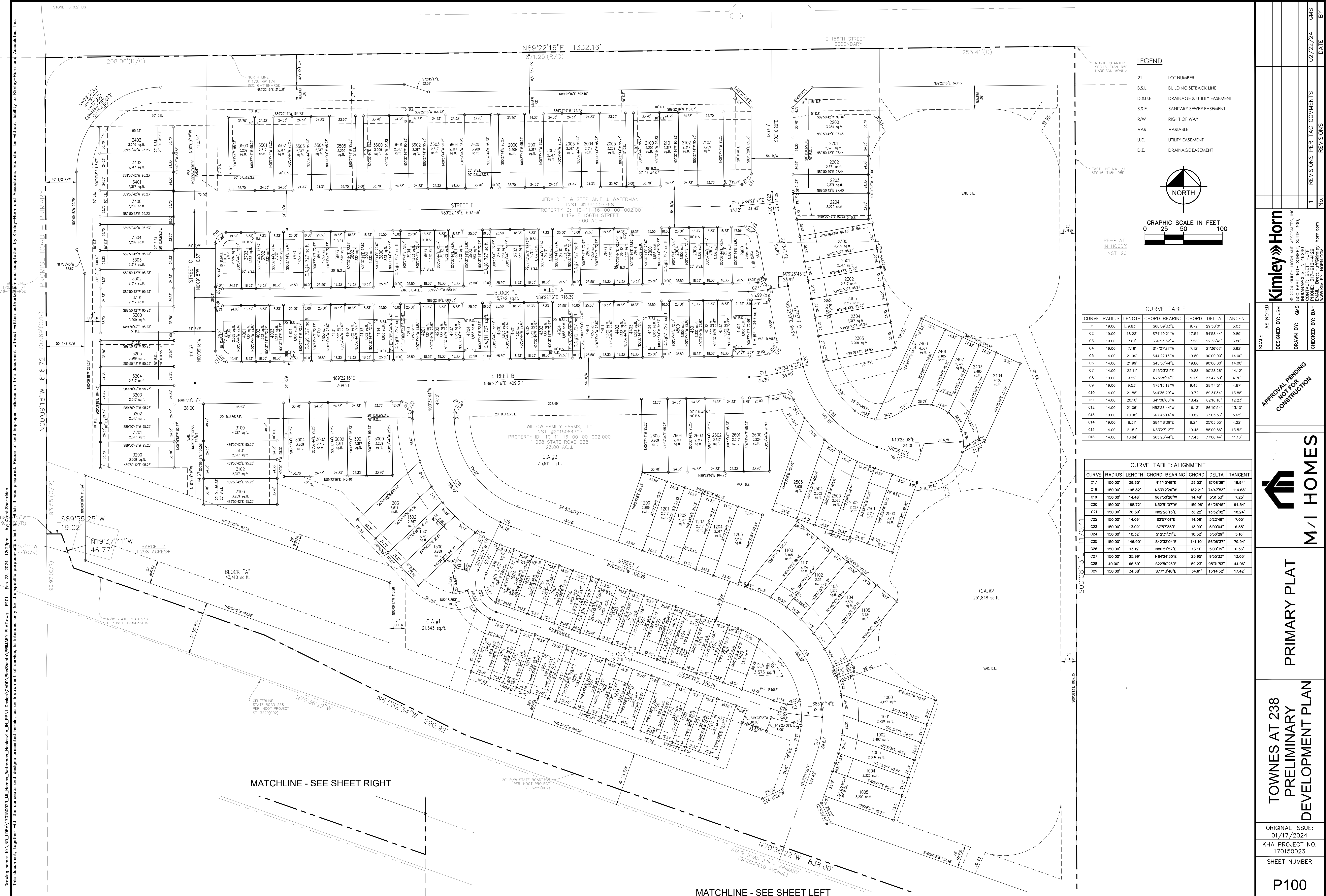
02/22/24

GMS

REVISIONS PER TAC COMMENTS

Indiana Utilities Protection Service





CURVE TABLE					
CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA
C1	19.00'	9.83'	S88°59'33"E	9.72'	29°38'01"
C2	19.00'	18.23'	S74°40'21"W	17.54'	54°58'44"
C3	19.00'	7.61'	S36°23'52"W	7.56'	22°56'41"
C4	19.00'	7.16'	S14°07'27"W	7.12'	21°36'07"
C5	14.00'	21.99'	S44°22'16"W	19.80'	90°02'00"
C6	14.00'	21.99'	S45°37'44"E	19.80'	90°02'00"
C7	14.00'	22.11'	S45°23'31"E	19.88'	90°28'26"
C8	19.00'	9.22'	N75°28'16"E	9.13'	27°47'59"
C9	19.00'	9.53'	N76°15'19"W	9.43'	28°44'51"
C10	14.00'	21.88'	S44°36'29"W	19.72'	89°31'34"
C11	14.00'	20.10'	S41°08'08"W	18.42'	82°16'16"
C12	14.00'	21.06'	N53°38'44"W	19.13'	86°10'54"
C13	19.00'	10.88'	S67°43'14"W	10.82'	33°05'53"
C14	19.00'	8.31'	S84°48'39"E	8.24'	25°03'35"
C15	14.00'	21.51'	N33°27'12"E	19.45'	88°00'56"
C16	14.00'	18.84'	S65°26'44"E	17.45'	77°06'44"

CURVE TABLE: ALIGNMENT					
CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA
C17	150.00'	39.65'	N11°45'49"E	39.53'	15°08'38"
C18	150.00'	195.82'	N33°12'36"W	182.21'	74°47'53"
C19	150.00'	14.48'	N67°50'26"W	14.48'	53°13'53"
C20	150.00'	168.72'	N32°51'07"W	159.96'	64°26'40"
C21	150.00'	36.30'	N82°28'15"E	36.22'	13°52'02"
C22	150.00'	14.09'	S2°57'01"E	14.08'	5°22'49"
C23	150.00'	13.09'	S7°57'35"E	13.09'	5°09'04"
C24	150.00'	10.32'	S12°31'31"E	10.32'	3°56'29"
C25	150.00'	146.90'	S42°33'04"E	141.10'	56°06'37"
C26	150.00'	13.12'	N88°51'57"E	13.11'	5°00'39"
C27	150.00'	25.99'	N84°24'30"E	25.95'	9°53'33"
C28	40.00'	66.69'	S22°50'28"E	59.23'	85°31'53"
C29	150.00'	34.68'	S77°13'48"E	34.61'	13°14'52"

AS NOTED

DESIGNED BY JSM

DRAWN BY: GMS

CHECKED BY: BAH

Kimley»Horn

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500 EAST 96TH STREET, SUITE 300,
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PHONE: 317-912-4129
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WWW.KIMLEY-HORN.COM

M/I HOMES

APPROVAL PENDING

NO FOR CONSTRUCTION

TOWNES AT 238

PRELIMINARY

DEVELOPMENT PLAN

ORIGINAL ISSUE:

01/17/2024

KHA PROJECT NO.

170150023

SHEET NUMBER

P100

REVISIONS

DATE

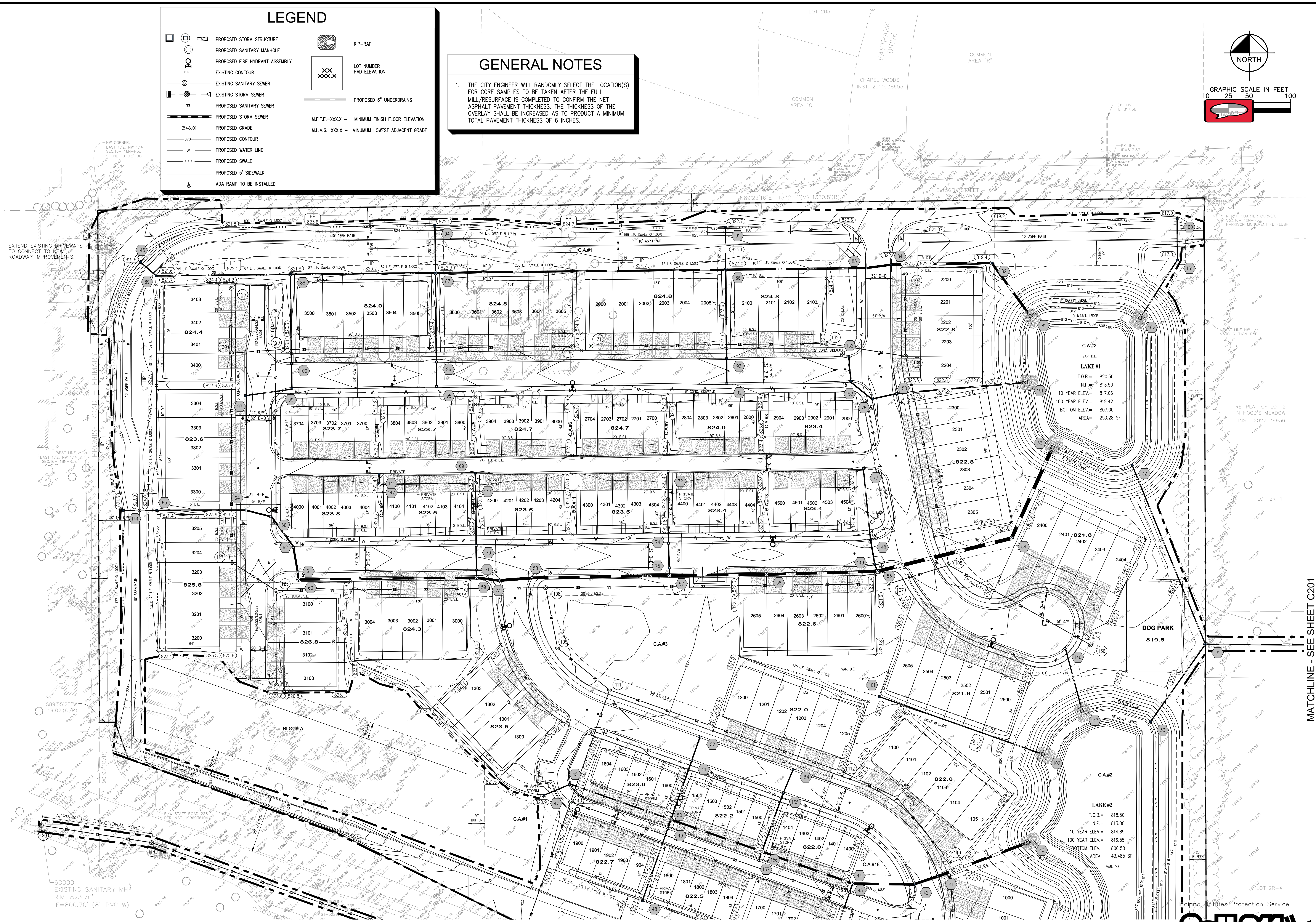
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02/22/24

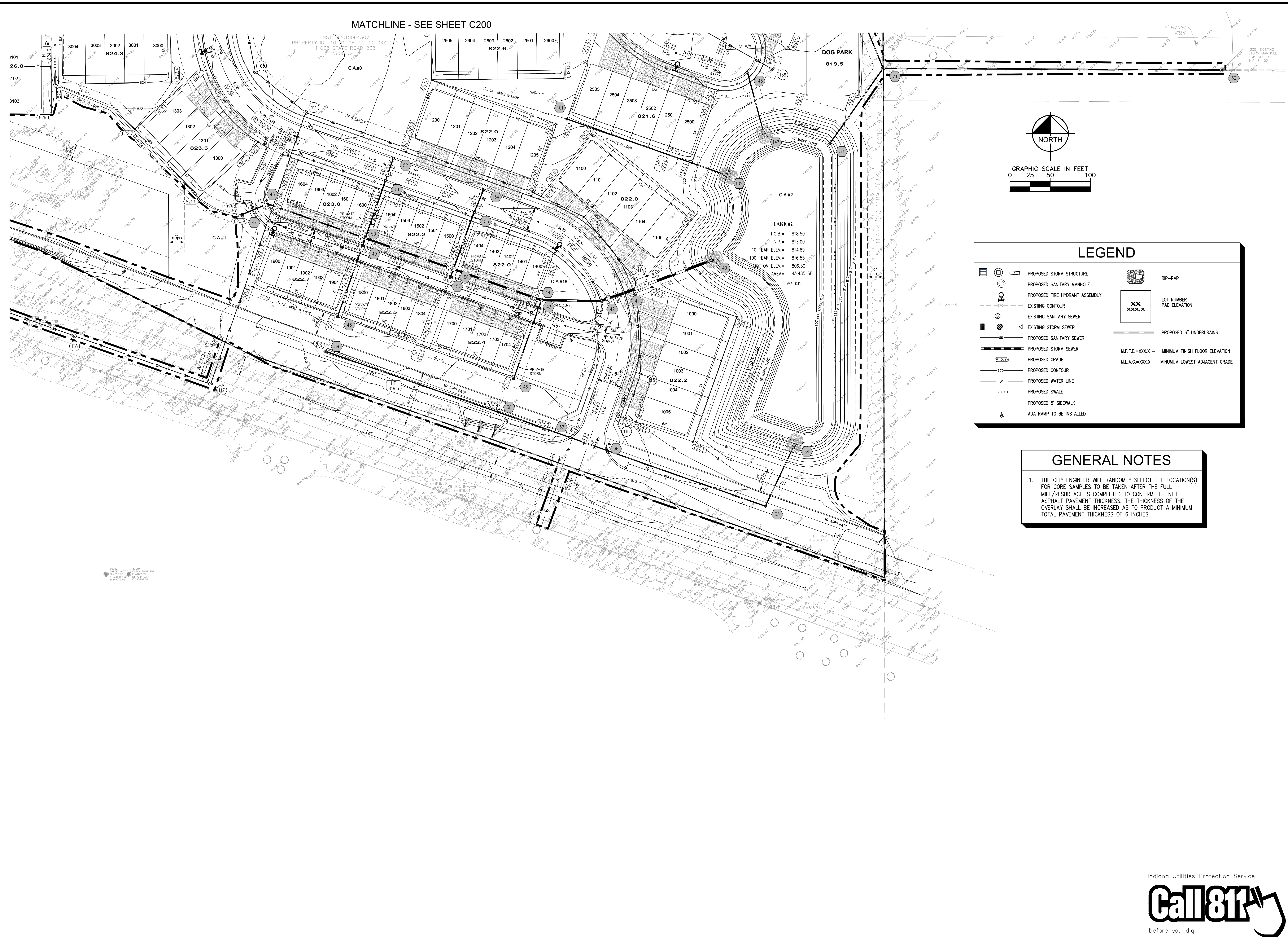
GMS

REVISIONS PER TAC COMMENTS



MATCHLINE - SEE SHEET C201

Drawing name: K:\IND_LEV\170150023_M\Homes_Waterman_Job\Drawings\Site Development Plan.dwg C201 SITE DEVELOPMENT PLAN Feb 26, 2024 7:57am by Grant Shortridge
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TOWNES AT 238 PRELIMINARY DEVELOPMENT PLAN		SITE DEVELOPMENT PLAN		 M/I HOMES		APPROVAL PENDING NOT FOR CONSTRUCTION		SCALE: AS NOTED DESIGNED BY: JSM DRAWN BY: GMS CHECKED BY: BAH		Kimley»Horn © 2024 KIMLEY-HORN AND ASSOCIATES, INC. 1000 WEST 10TH AVENUE, SUITE 300, INDIANAPOLIS, IN 46240 PHONE: 317-912-4179 FAX: 317-912-4178 EMAIL: Bret.Horn@kimley-horn.com																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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Indiana Utilities Protection Service



before you dig

Drawing name: K:\IND_LDEV\170150023_M\Homes\Waterman\Job\Site\Site Development Plan.dwg C202 OVERALL SITE PLAN Feb 23, 2024 12:41pm By: Grant Shortridge
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LEGEND			
	PROPOSED STORM STRUCTURE		RIP-RAP
	PROPOSED SANITARY MANHOLE		LOT NUMBER PAD ELEVATION
	PROPOSED FIRE HYDRANT ASSEMBLY		PROPOSED 6" UNDERDRAINS
	EXISTING CONTOUR		M.F.F.E.=XXX.X - MINIMUM FINISH FLOOR ELEVATION
	EXISTING SANITARY SEWER		M.L.A.G.=XXX.X - MINIMUM LOWEST ADJACENT GRADE
	EXISTING STORM SEWER		FULL-DEPTH PAVEMENT
	PROPOSED SANITARY SEWER		1.5" MILL AND OVERLAY
	PROPOSED STORM SEWER		
	PROPOSED GRADE		
	PROPOSED CONTOUR		
	PROPOSED WATER LINE		
	PROPOSED SWALE		
	PROPOSED 5" SIDEWALK		
	ADA RAMP TO BE INSTALLED		

GENERAL NOTES

1. THE CITY ENGINEER WILL RANDOMLY SELECT THE LOCATION(S) FOR CORE SAMPLES TO BE TAKEN AFTER THE FULL MILL/RESURFACE IS COMPLETED TO CONFIRM THE NET ASPHALT PAVEMENT THICKNESS. THE THICKNESS OF THE OVERLAY SHALL BE INCREASED AS TO PRODUCE A MINIMUM TOTAL PAVEMENT THICKNESS OF 6 INCHES.

PROJECT INFORMATION	
TOTAL AREA	26.71 AC
TOTAL LOTS	186
DESIGN SPEED LIMIT	25 MPH
TOTAL BLOCK	0.6 AC±
TOTAL C.A. (OPEN SPACE)	9.7 AC± (36.3%)
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AS NOTED

DESIGNED BY: JSM

DRAWN BY: GMS

CHECKED BY: BAH

APPROVAL PENDING

NO FOR CONSTRUCTION

Kimley»Horn

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INDIANAPOLIS, IN 46240

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EMAIL: Brett.Hurley@kimley-horn.com

WWW.KIMLEY-HORN.COM

OVERALL SITE

PRELIMINARY

DEVELOPMENT PLAN

TOWNES AT 238

PRELIMINARY

DEVELOPMENT PLAN

ORIGINAL ISSUE:

01/17/2024

KHA PROJECT NO.

170150023

SHEET NUMBER

C202

REVISIONS

DATE

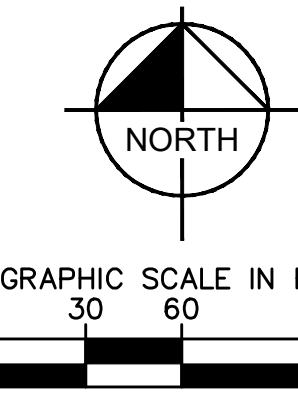
BY

1

02/22/24

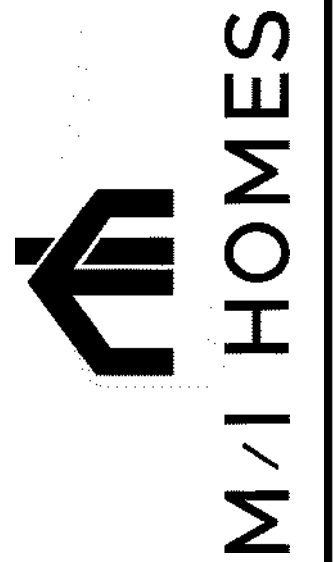
GMS

REVISIONS PER TAC COMMENTS



GRAPHIC SCALE IN FEET
0 30 60 120

PROJECT INFORMATION	
TOTAL AREA	26.71 AC
TOTAL LOTS	186
DESIGN SPEED LIMIT	25 MPH
TOTAL BLOCK	0.6 AC±
TOTAL C.A. (OPEN SPACE)	9.7 AC± (36.3%)
TOTAL R.O.W.	7.1 AC±
DEVELOPABLE AREA	19.7 AC±
IMPERVIOUS AREA	10.3 AC±
DENSITY	9.44 UNITS/AC
TOTAL LAKE AREA	1.57 AC
PARKING SPACES PROVIDED	186 UNITS X 4 SPACES = 744 + 9 GUEST SPACES



OVERALL SITE
PRELIMINARY
DEVELOPMENT PLAN

TOWNES AT 238
PRELIMINARY
DEVELOPMENT PLAN

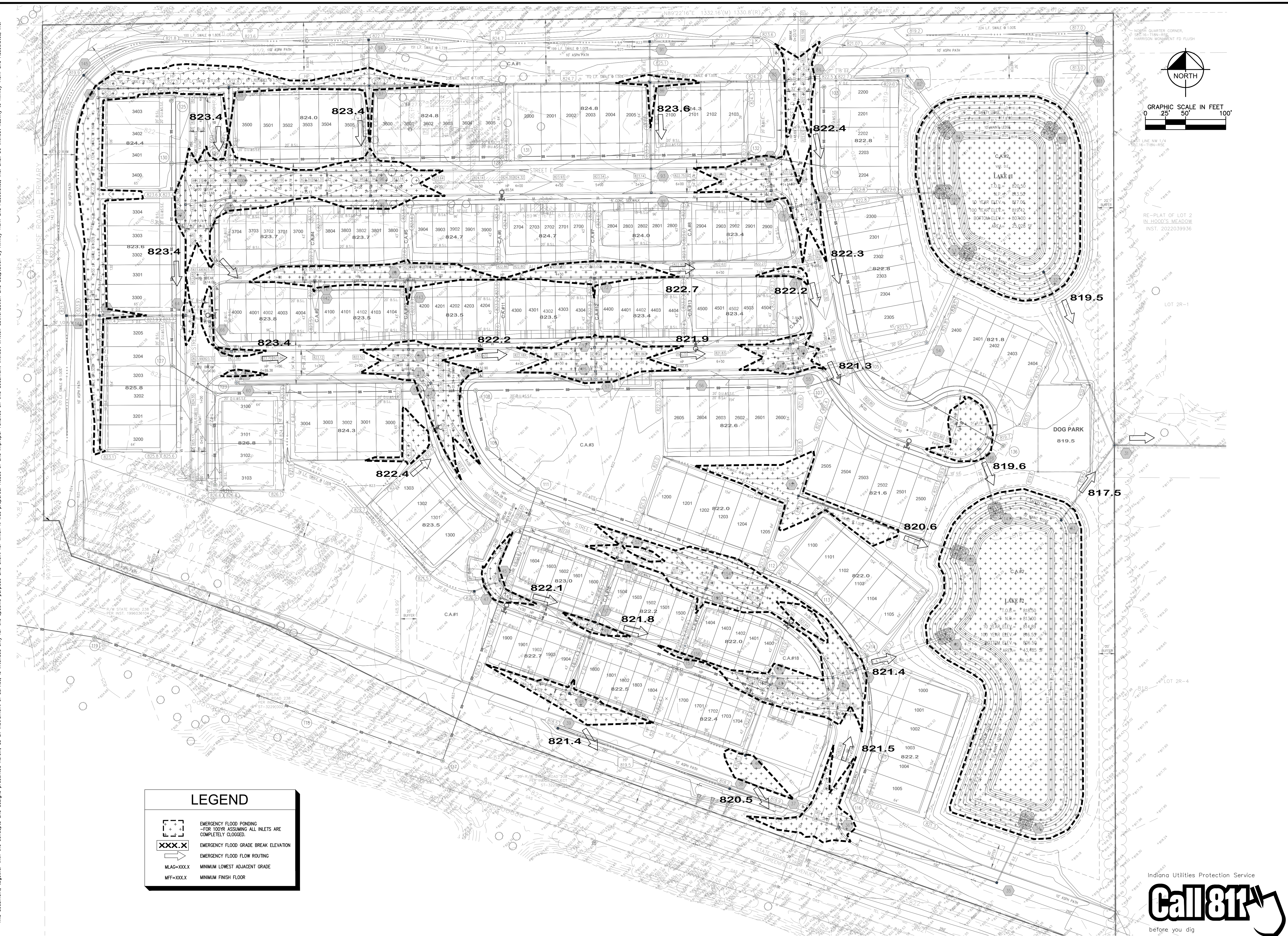
ORIGINAL ISSUE:
01/17/2024
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170150023
SHEET NUMBER
C202

Indiana Utilities Protection Service



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Drawing name: K:\IND_LIVE\170150023_M\Homes_Waterman_Jobesville_IN_PP\ Design\CAD\Plots\Sheets\EMERGENCY FLOOD ROUTING.dwg C300 Feb 23, 2024 12:27pm by: Grant Shortridge
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LEGEND

- EMERGENCY FLOOD PONDING
-FOR 100YR ASSUMING ALL INLETS ARE COMPLETELY CLOGGED.
- EMERGENCY FLOOD GRADE BREAK ELEVATION
- EMERGENCY FLOOD ROUTING
- MINIMUM LOWEST ADJACENT GRADE
- MINIMUM FINISH FLOOR

TOWNES AT 238 PRELIMINARY DEVELOPMENT PLAN	 M/I HOMES	EMERGENCY FLOOD ROUTING	APPROVAL PENDING NO FOR CONSTRUCTION	SCALE: AS NOTED DESIGNED BY: JSM DRAWN BY: GMS CHECKED BY: BAH	Kimley»Horn © 2024 KIMLEY-HORN AND ASSOCIATES, INC. 500 EAST 66TH STREET, SUITE 300, INDIANAPOLIS, IN 46240 PHONE: 317-912-4129 EMAIL: Brett.Hurley@kimley-horn.com WWW.KIMLEY-HORN.COM	REVISIONS PER TAC COMMENTS	DATE	BY
				1	02/22/24	GMS		
				REVIEWS				
				No.				

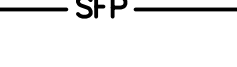
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SHEET NUMBER
C300

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Drawing name: K:\IND_LEV\170150023_M\Homes\Waterrun\Jobsheet\IN_PP\ Design\CAD\PlanSheets\EROSION CONTROL PLAN.dwg C400 EROSION CONTROL PLAN Feb 23, 2024 12:29pm by Grant Shortridge
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EROSION CONTROL LEGEND


CONSTRUCTION ENTRANCE
(SEE EROSION CONTROL DETAILS)

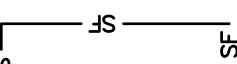

SHEET FLOW PROTECTION
(SEE EROSION CONTROL DETAILS)


SNOW FENCE


AREA INLET PROTECTION
(SEE EROSION CONTROL DETAILS)


CONCRETE WASHOUT
(SEE EROSION CONTROL DETAILS)
(TO BE DETERMINED BY CONTRACTOR)


RIP RAP
(SEE EROSION CONTROL DETAILS)


ROCK HORSESHOE DAM
(SEE EROSION CONTROL DETAILS)


TEMPORARY TOPSOIL STOCKPILE


EXISTING CONTOURS


PROPOSED CONTOURS


POSTING INFORMATION



MATCHLINE - SEE RIGHT

MATCHLINE - SEE LEFT

Indiana Utilities Protection Service



APPROVAL PENDING
NO FOR
CONSTRUCTION

EROSION
CONTROL PLAN

TOWNES AT 238
PRELIMINARY
DEVELOPMENT PLAN

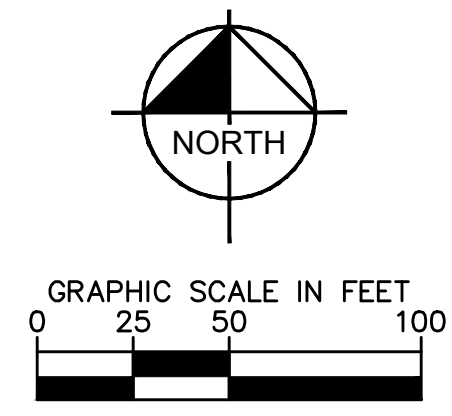
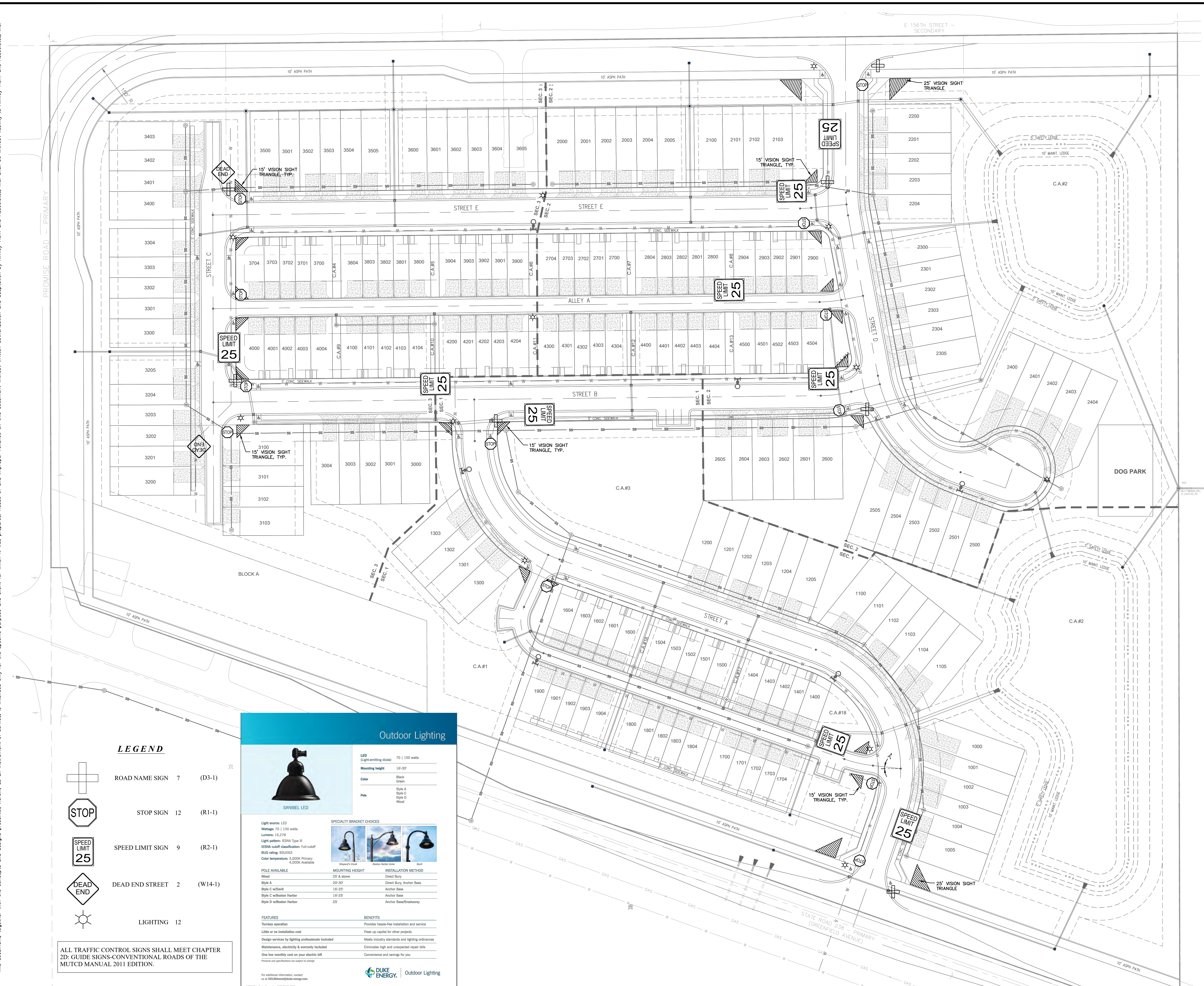
ORIGINAL ISSUE:
01/17/2024
KHA PROJECT NO.
170150023
SHEET NUMBER
C400

SCALE:
AS NOTED
DESIGNED BY: JSM
DRAWN BY: GMS
CHECKED BY: BAH


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WWW.KIMLEY-HORN.COM

REVISIONS PER TAC COMMENTS
1
DATE
02/22/24
GMS
BY

Drawing name: K:\IND_LEV\170150023_M\Homes_Watermark_JobSheet\Signage_and_Lighting_Plan.dwg C500 Feb 26, 2024 7:47am by: Grant Shortridge
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LEGEND

	ROAD NAME SIGN	7	(D3-1)
	STOP SIGN	12	(R1-1)
	SPEED LIMIT SIGN	9	(R2-1)
	DEAD END STREET	2	(W14-1)
	LIGHTING	12	

ALL TRAFFIC CONTROL SIGNS SHALL MEET CHAPTER 2D: GUIDE SIGNS-CONVENTIONAL ROADS OF THE MUTCD MANUAL 2011 EDITION.

Outdoor Lighting

LED
(Light-emitting diode) 70 | 150 watts
Mounting height 16'-30'
Color Black, Green
Pole Style A, Style C, Style D, Wood

SANIBEL LED

Light source: LED
Voltage: 70 | 150 watts
Lumens: 16,278
Light pattern: IESNA Type III
IESNA cutoff classification: Full-cutoff
BUG rating: IES L003
Color temperature: 3,000K Primary, 4,000K Available

SPECIALTY BRACKET CHOICES

POLE AVAILABLE	MOUNTING HEIGHT	INSTALLATION METHOD
Wood	20' & above	Direct Bury
Style A	20'-30'	Direct Bury, Anchor Base
Style C w/Steel	16'-20'	Anchor Base
Style C w/Steel Harbor	16'-20'	Anchor Base
Style D w/Steel Harbor	25'	Anchor Base/Breakaway

FEATURES
Turnkey operation
Little or no installation cost
Design services by lighting professionals included
Maintenance, electricity & warranty included
One low monthly cost on your electric bill
Products and specifications are subject to change

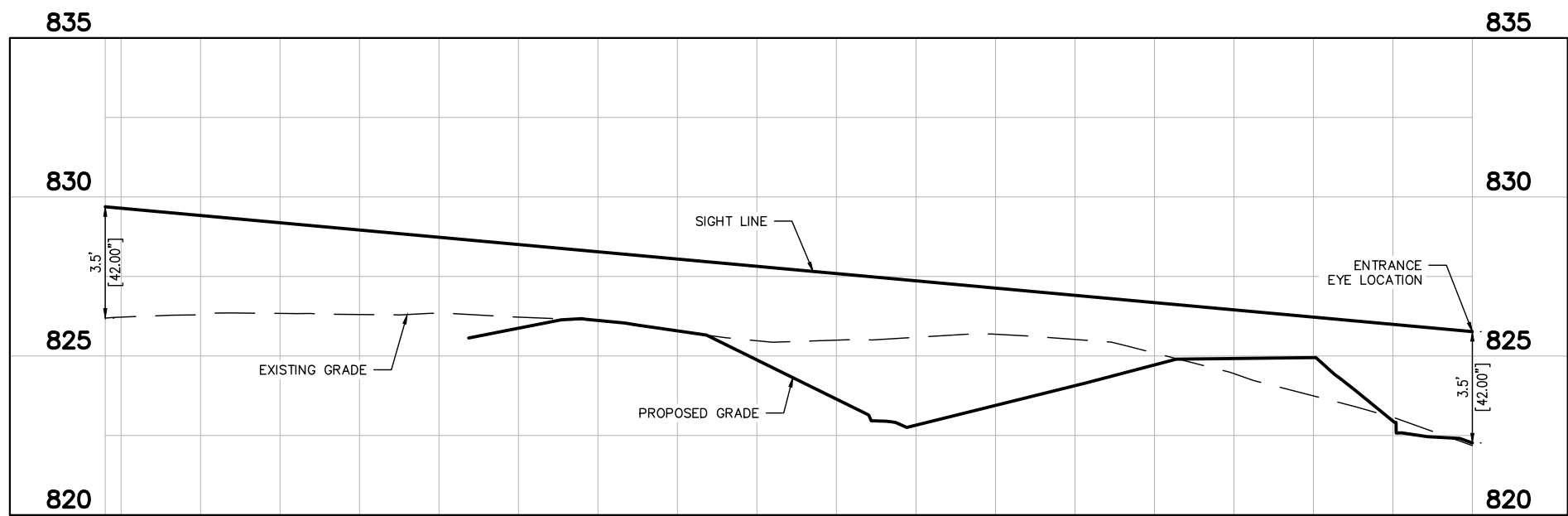
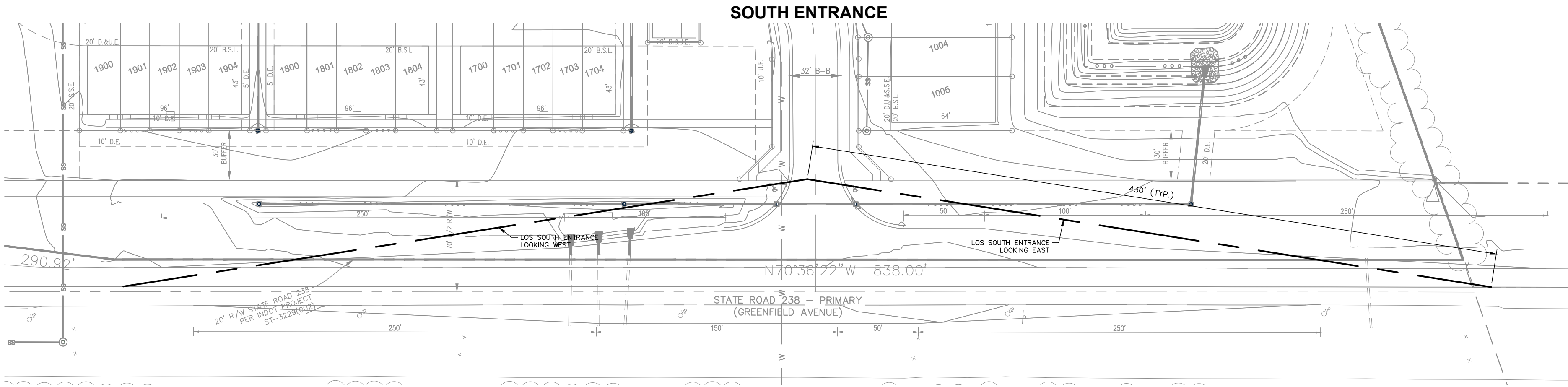
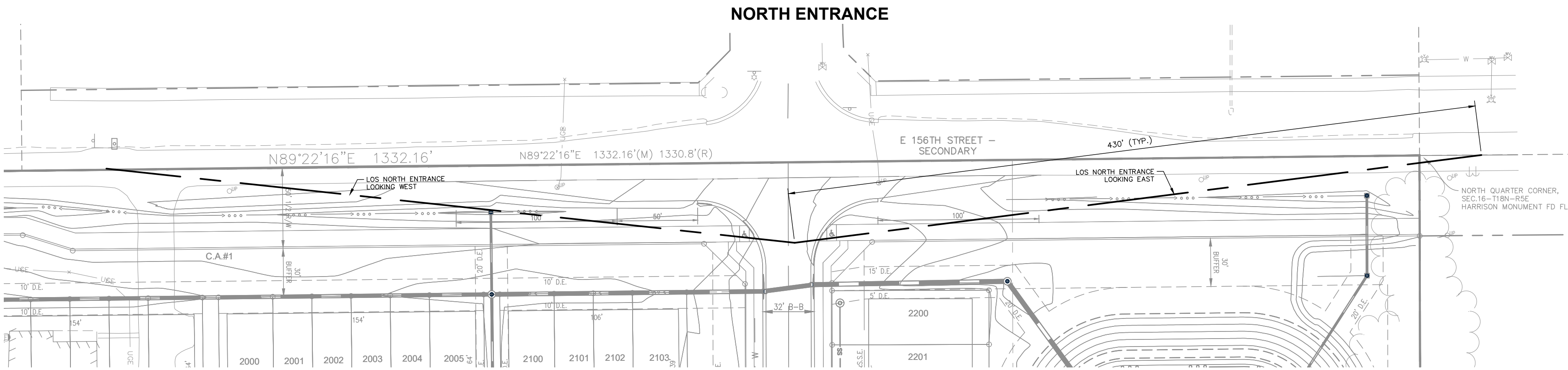
BENEFITS
Provides hassle-free installation and service
Frees up capital for other projects
Meets industry standards and lighting ordinances
Eliminates high and unexpected repair bills
Convenience and savings for you

For additional information, contact us at OUL@kimley-horn.com

DUKE ENERGY Outdoor Lighting

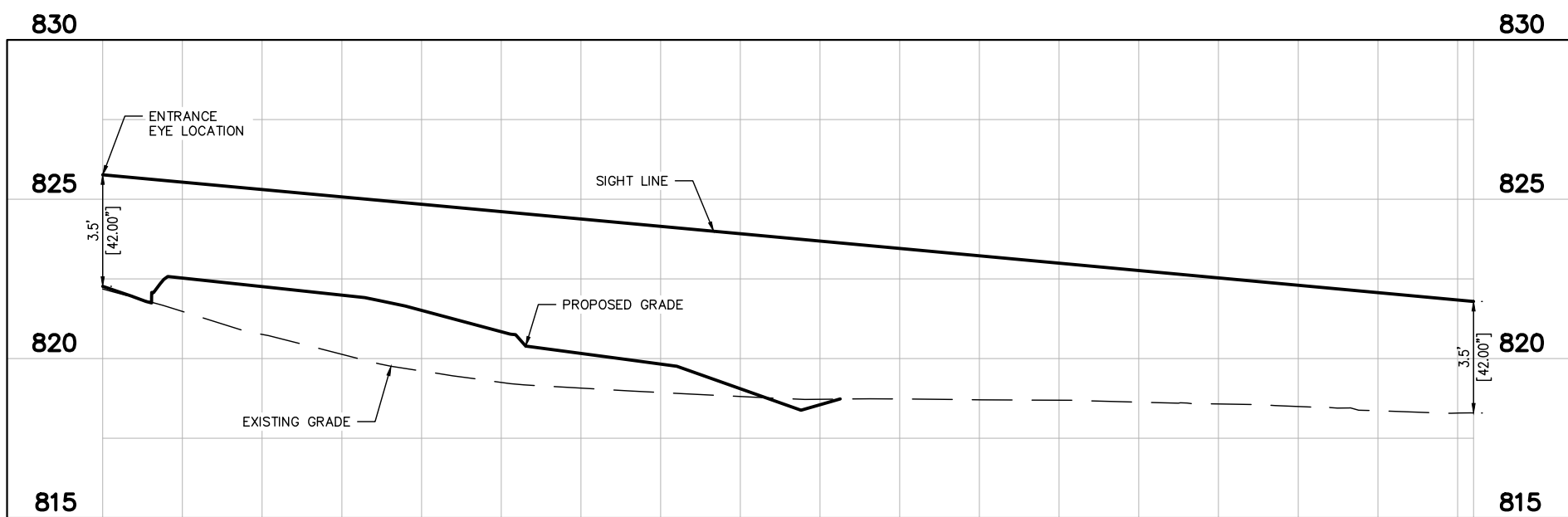
TOWNES AT 238 PRELIMINARY DEVELOPMENT PLAN	SIGNAGE AND LIGHTING PLAN		APPROVAL PENDING NO FOR CONSTRUCTION	SCALE:	AS NOTED	Kimley»Horn © 2024 KIMLEY-HORN AND ASSOCIATES, INC. 500 EAST 86TH STREET, SUITE 300, INDIANAPOLIS, IN 46240 PHONE: 317-912-4129 EMAIL: Bret.Hurley@kimley-horn.com WWW.KIMLEY-HORN.COM
				DESIGNED BY: JSM		
				DRAWN BY: GMS		
				CHECKED BY: BAH		
ORIGINAL ISSUE: 01/17/2024	KHA PROJECT NO. 170150023	SHEET NUMBER C500	1 REVISIONS PER TAC COMMENTS	DATE	BY	GMS
				02/22/24		

Drawing name: K:\IND_LEV\170150023_M\Homes, Waterron, Jobeville, IN, IPR\ Design\CA00\PlanSheets\LINE OF SIGHT PLAN.dwg C600 LINE OF SIGHT PLAN Feb 23, 2024 12:34pm By: Grant.Shortridge
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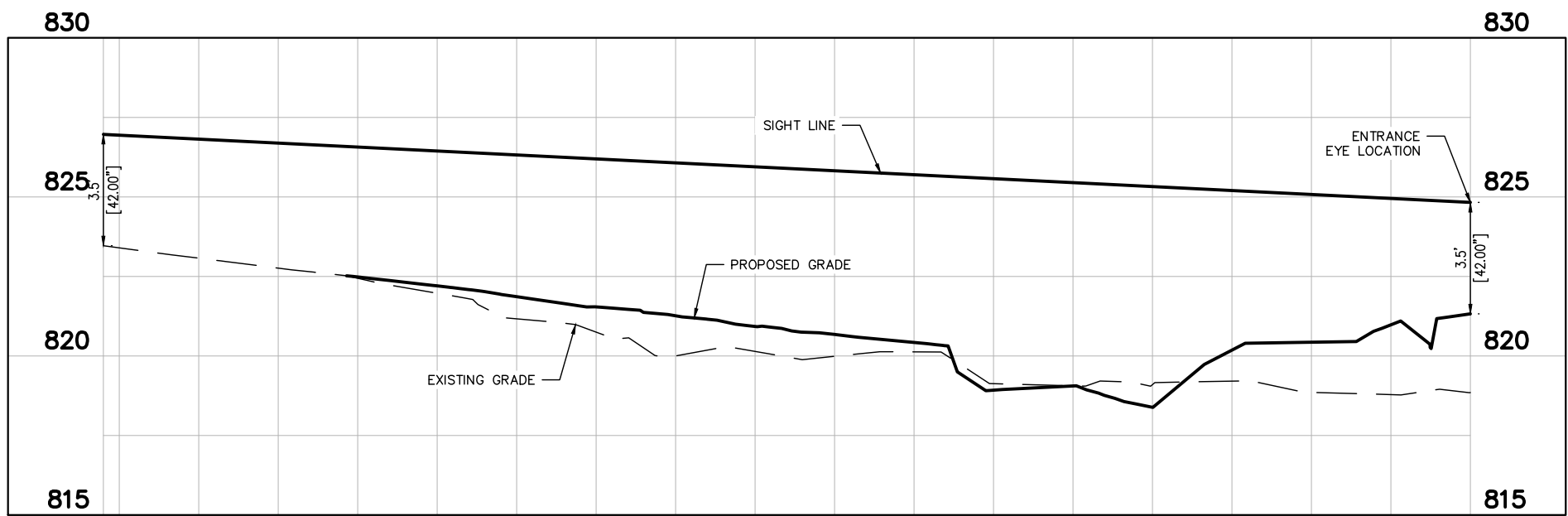
NORTH ENTRANCE LOOKING WEST

H:1"=50 ; V:1"=5



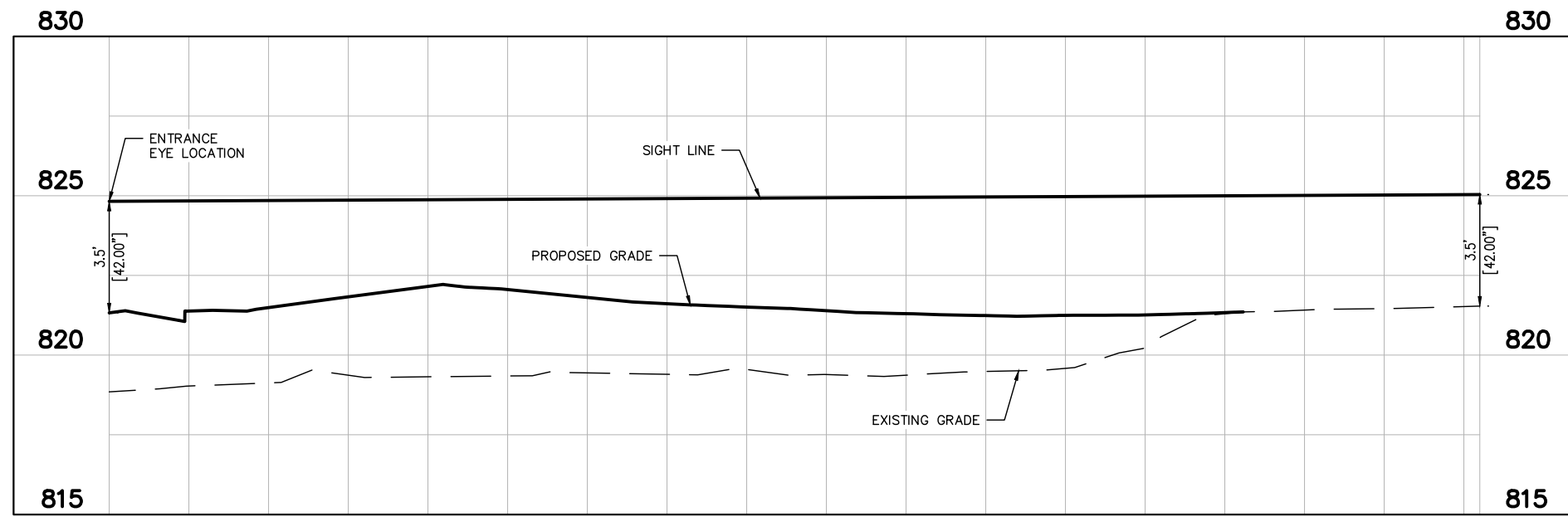
NORTH ENTRANCE LOOKING EAST

H:1"=50 ; V:1"=5



SOUTH ENTRANCE LOOKING WEST

H:1"=50 ; V:1"=5



SOUTH ENTRANCE LOOKING EAST

H:1"=50 ; V:1"=5

Design Speed (mph)	Intersection Sight Distance For Passenger Car	
	Calculated (ft)	Design (ft)
15	143.3	145
20	191.1	195
25	238.9	240
30	286.7	290
35	334.4	335
40	382.2	385
45	430.0	430
50	477.8	480
55	525.5	530
60	573.3	575
65	621.1	625
70	668.9	670

Note: Intersection sight distance shown is for a stopped passenger car to turn right onto or cross a two-lane highway with no median and grades of 3% or flatter. For other conditions, the time gap should be adjusted and the required sight distance recalculated.

INTERSECTION SIGHT DISTANCE FOR PASSENGER CAR
TO TURN RIGHT FROM A STOP OR TO MAKE A CROSSING MANEUVER

Figure 46-10H

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M/I HOMES

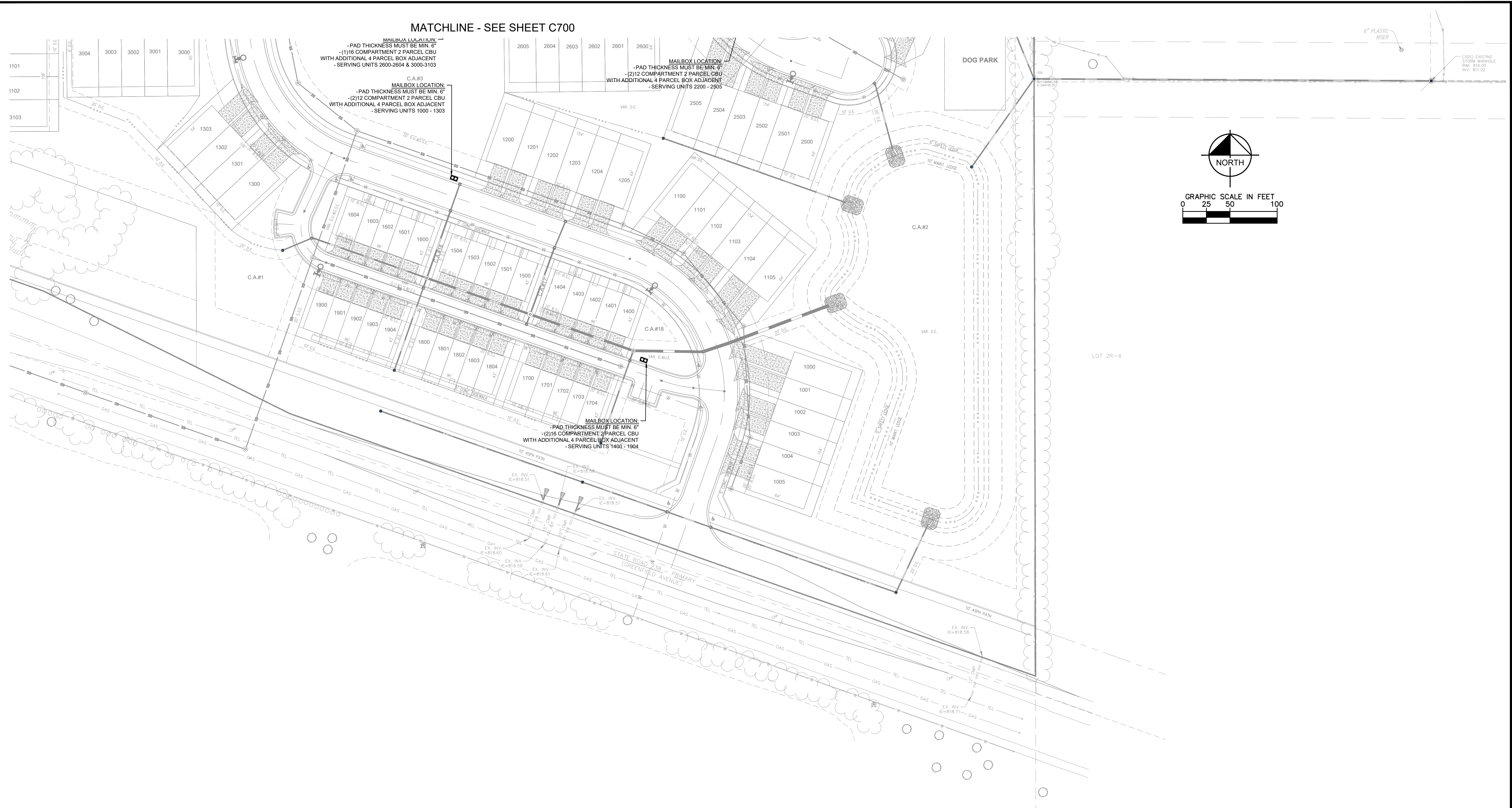
LINE OF SIGHT
PLAN

TOWNES AT 238
PRELIMINARY
DEVELOPMENT PLAN

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01/17/2024
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170150023
SHEET NUMBER
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1
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DATE
BY

Drawing name: K:\NO-UEV\70150025_MH_Comps_Watermain-Notbesville-IN_P\N Design\CAOD\PlanSheets\MAILBOX_PLAN.dwg Feb 23, 2024 12:35pm By: Grant.Sherridge
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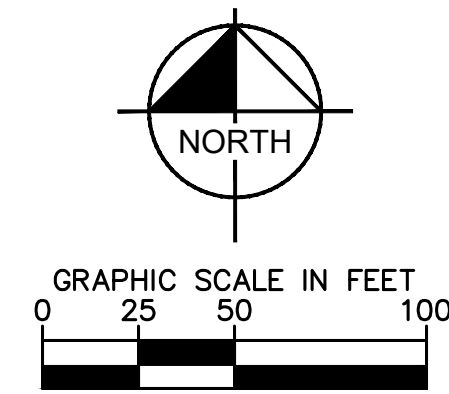
MATCHLINE - SEE SHEET C700

MAILBOX LOCATION:
 - PAD THICKNESS MUST BE MIN. 6"
 - (1)16 COMPARTMENT 2 PARCEL CBU
 WITH ADDITIONAL 4 PARCEL BOX ADJACENT
 - SERVING UNITS 2600-2604 & 3000-3103

C.A.#3
MAILBOX LOCATION:
- PAD THICKNESS MUST BE MIN. 6"
- (2)12 COMPARTMENT 2 PARCEL CBU
WITH ADDITIONAL 4 PARCEL BOX ADJACENT
- SERVING UNITS 1000 - 1303

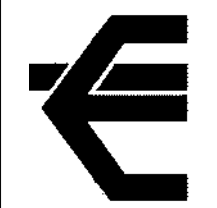
MAILBOX LOCATION:
 - PAD THICKNESS MUST BE MIN. 6"
 - (2) 12 COMPARTMENT 2 PARCEL CBU
 WITH ADDITIONAL 4 PARCEL BOX ADJACENT
 - SERVING UNITS 2200 - 2505

MAILBOX LOCATION:
- PAD THICKNESS MUST BE MIN. 6"
- (2) 16 COMPARTMENT 2 PARCEL CBU
WITH ADDITIONAL 4 PARCEL BOX ADJACENT
- SERVING UNITS 1400 - 1904



TOWNES AT 238
PRELIMINARY
DEVELOPMENT PLAN

MAILBOX PLAN



M/I HOMES

APPROVAL PENDING
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CONSTRUCTION

SCALE: AS NOTED

AS NOTED

DRAWN BY: GMS

DRAWN BY: GMS

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[illegible]

COMMENTS

[illegible]

Indiana Utilities Protection Service

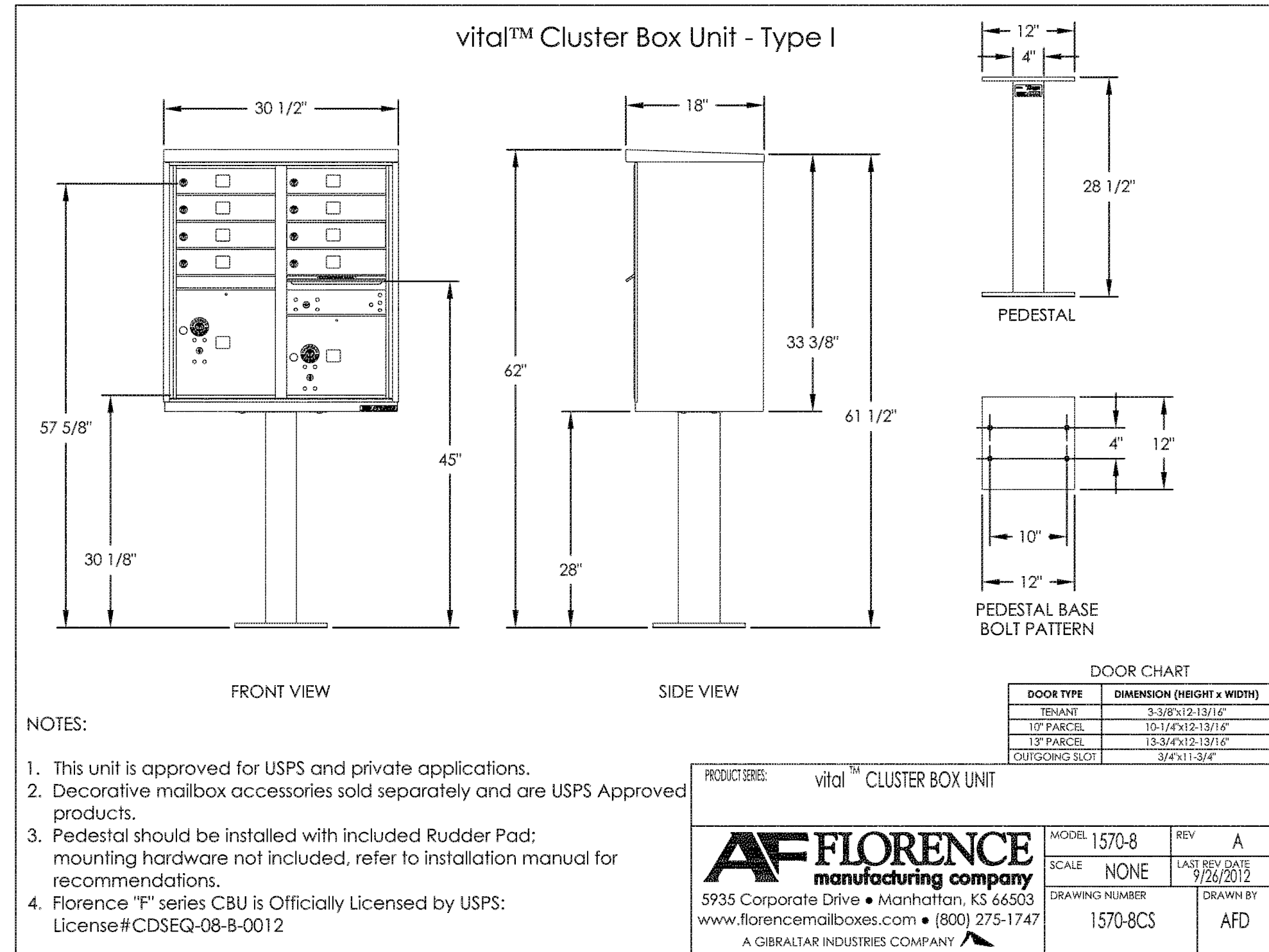
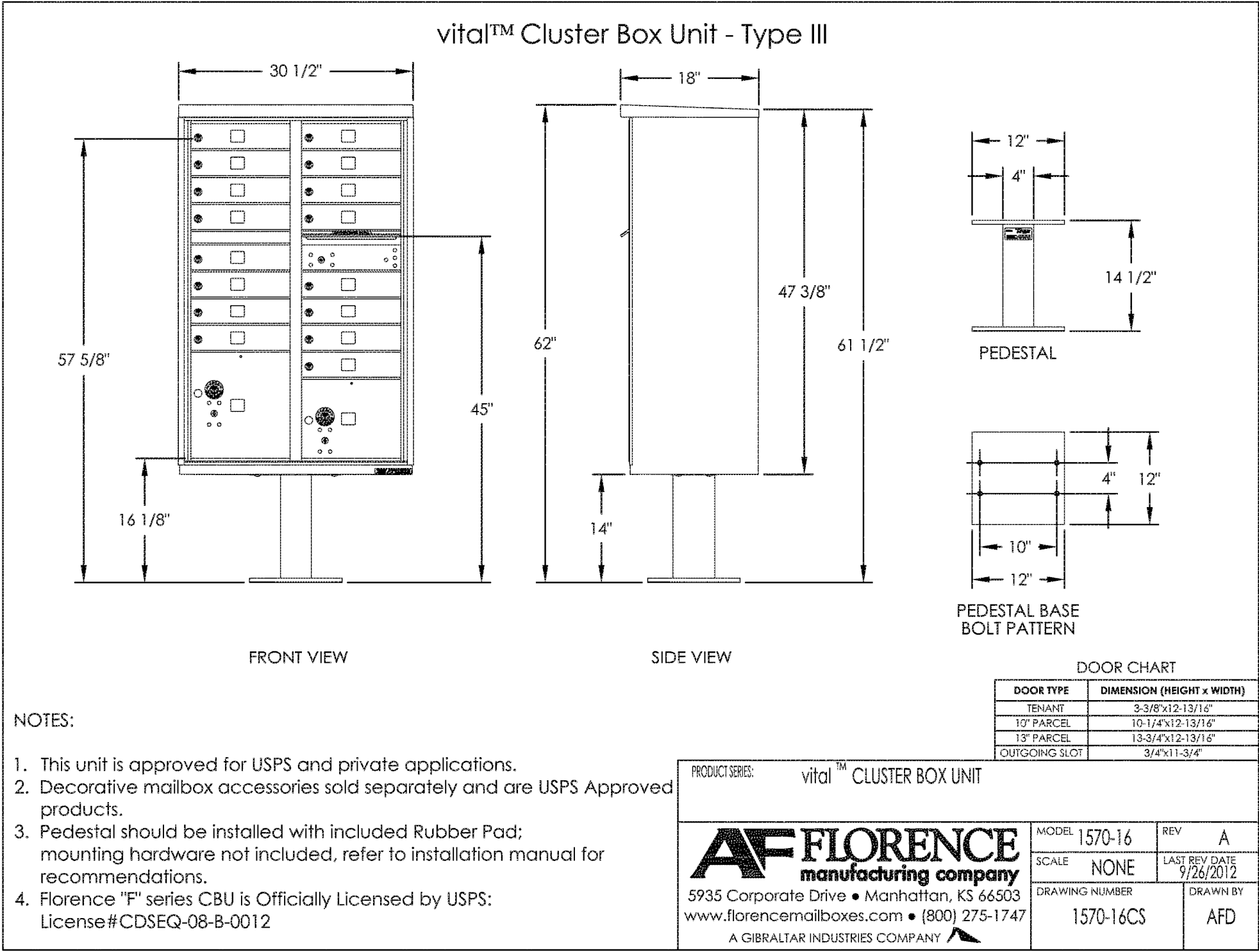


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SHEET NUMBER

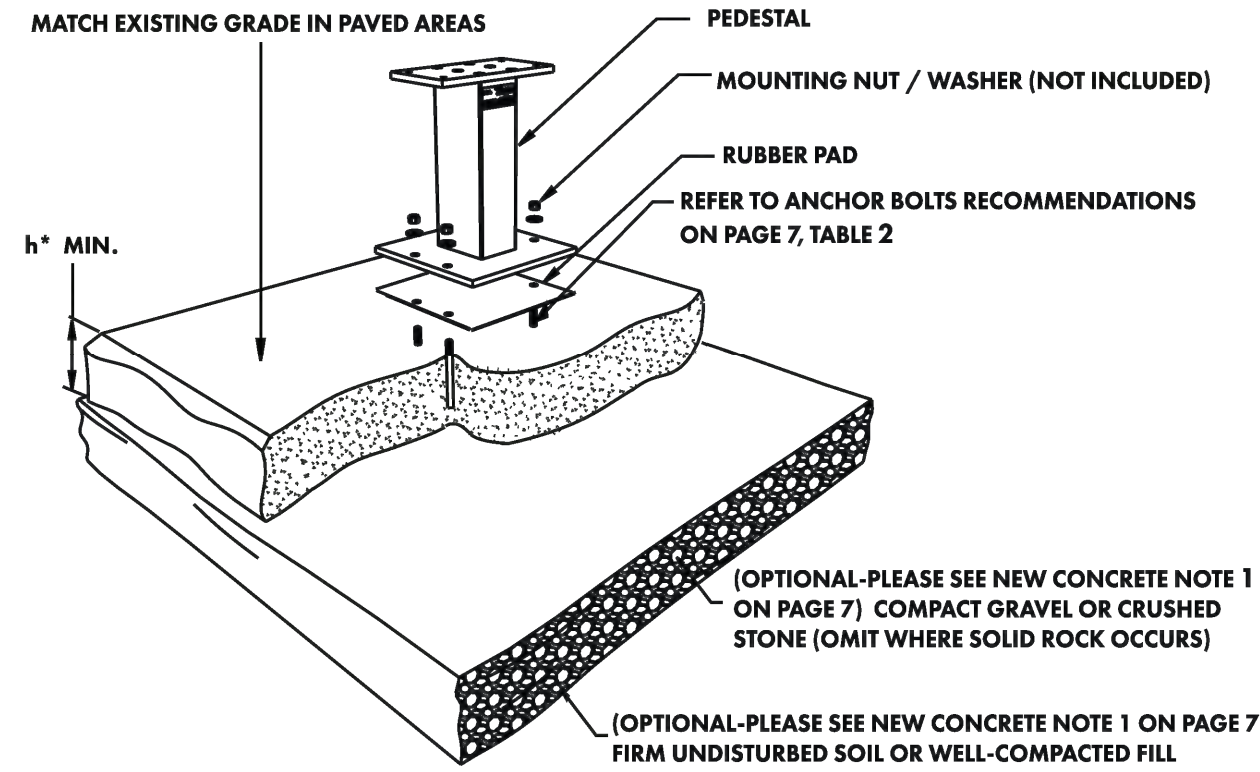
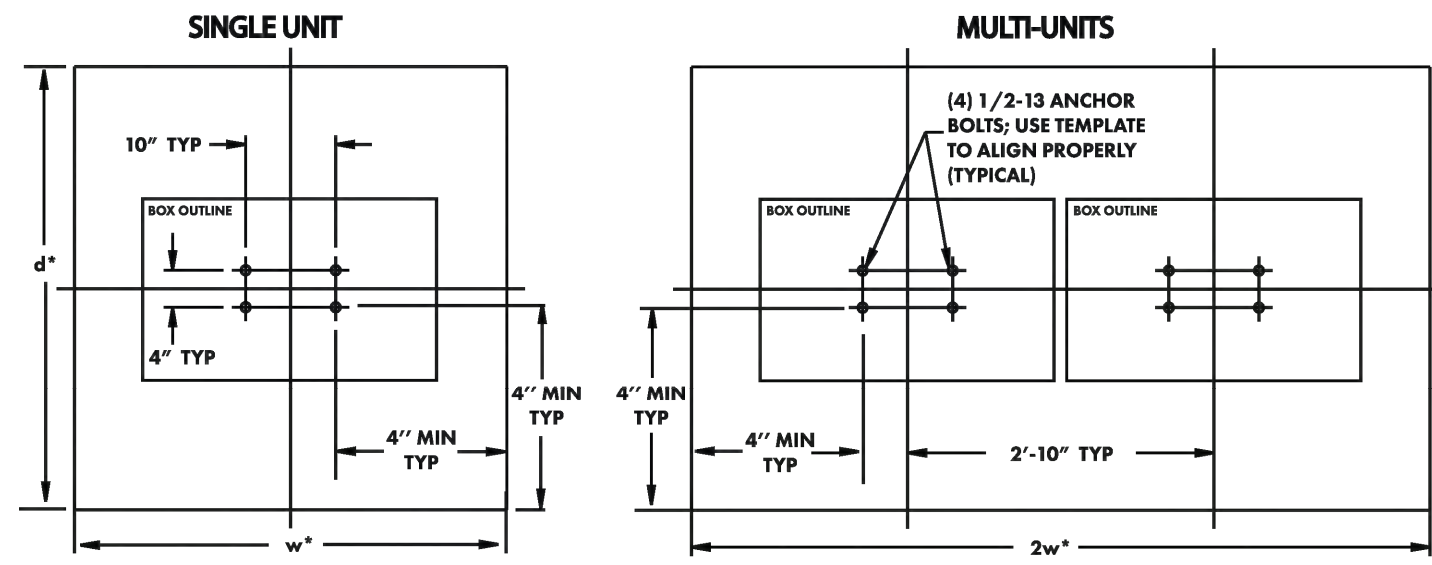
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Drawing name: K:\IND_LEV\170150023_M\Homes, Waterman, Joberville, IN_PP\ Design\CAD\PlanSheets\MAILBOX PLAN.dwg C702 MAILBOX DETAILS Feb 23, 2024 12:35pm by Grant Shortridge
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CONCRETE FOUNDATION PREPARATION

vital™ cluster box unit - 1570 "F" Series



*Pad recommendations for "h/d/w" outlined on page 7, Table 1

Page 6 of 16

91194 Rev G

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Page 7 of 16

CONCRETE FOUNDATION PREPARATION

vital™ cluster box unit - 1570 "F" Series

NEW CONCRETE BASE:

- Depending on climatic and soil conditions in the area of installation, optional foundation material may be necessary as shown. Consult local building codes for recommendations.
- Refer to Table 1 for thickness (h), width (w), and depth (d) of the concrete pad alternatives.
- Concrete shall have a compressive strength of 3000 psi @ 28 days, contain 4% min ~ 6% max air entrainment and be placed with a 3.50~4.50 slump in accordance to 301.
- Use wire mesh as per (Standard) or fiber reinforced concrete as per (Standard).

EXISTING CONCRETE BASE:

- Existing concrete pad must be at least 48" wide.
- Concrete base and anchor bolts may be reused if:
 - existing 1/2" diameter expansion anchor bolts are firmly embedded in the concrete and not damaged or corroded;
 - concrete foundation is not damaged; and
 - bolt hole pattern of the new unit matches the installed anchor bolts.
- Additional considerations include:
 - if concrete is only 4" thick, then option 'b' in Table 2 below cannot be used
 - any unused, existing anchor bolts must be cut flush to the level of the concrete surface
 - if concrete is damaged, replacement of foundation pad is required

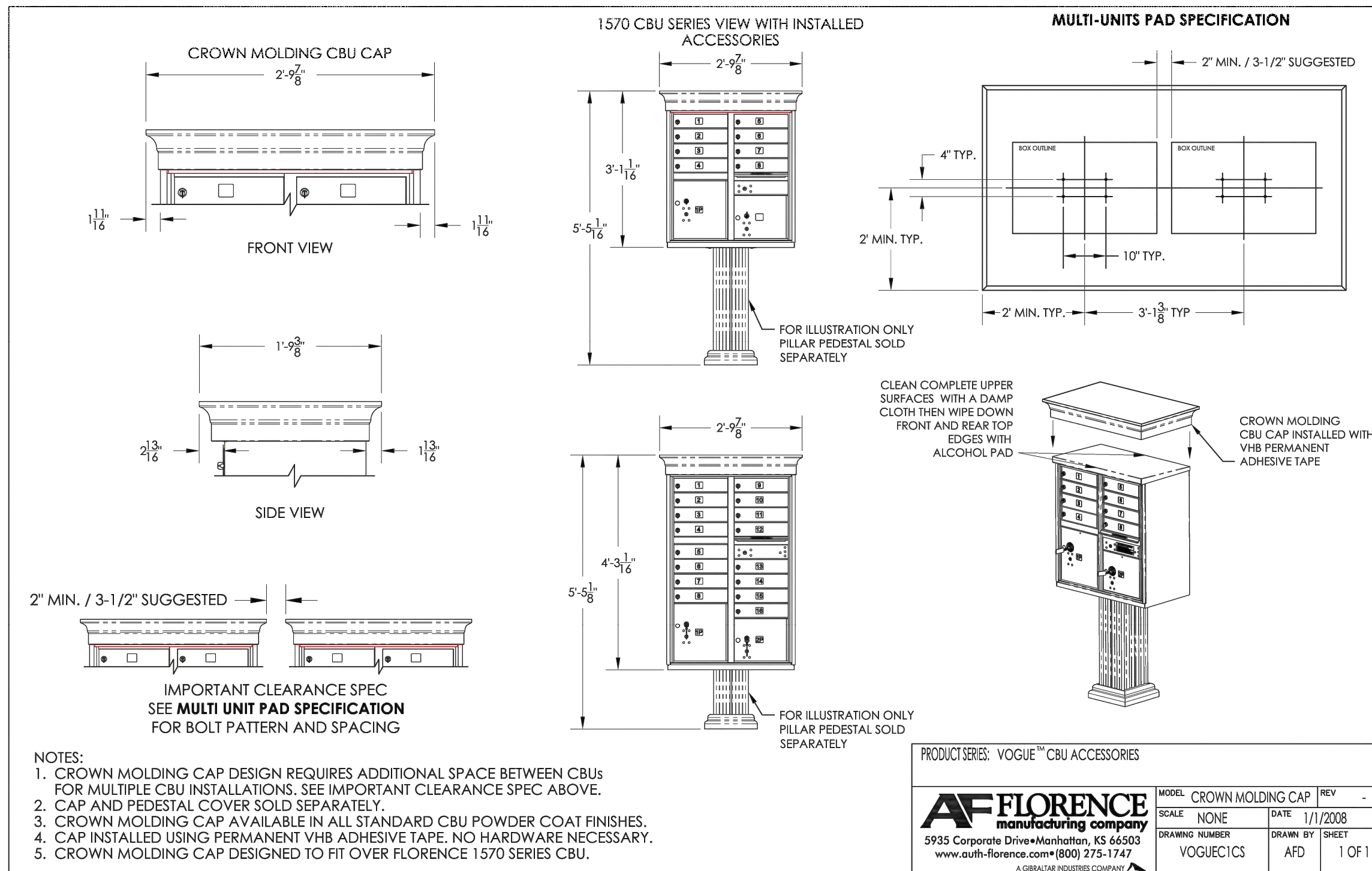
TABLE 1: Pad Recommendations

h (Thickness)	w (Width) min	d (Depth) min
4"	47"	47"
5"	44"	44"
6"	42"	42"
7"	40"	40"
8"	39"	39"

TABLE 2

Expansion Anchor Bolt Recommendations (or equivalent)
a. Hilti Kwik Bolt II (www.hilti.com) 1/2 inch diameter x 5 1/2 inches overall length - Galvanized - KB II 12-512, Stainless Steel - Minimum embedment in concrete must be at least 3 1/2 inches
b. ITW Ramset Redhead Turbolt (www.hilti.com) 1/2 inch diameter x 7 inches overall length - Galvanized - Minimum embedment in concrete must be at least 4 1/8 inches
c. Rawl Stud (www.rawl.com) 1/2 inch diameter x 5 1/2 inches overall length - Galvanized - Minimum embedment in concrete must be at least 4 inches

CBU'S WITH CROWN MOLDING CAP
COLOR: BLACK



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AS NOTED

DESIGNED BY: JSM

DRAWN BY: GMS

CHECKED BY: BAH

APPROVAL PENDING

NO FOR CONSTRUCTION

MAILBOX PLAN

DEVELOPMENT PLAN

TOWNES AT 238

PRELIMINARY

DEVELOPMENT PLAN

ORIGINAL ISSUE:

01/17/2024

KHA PROJECT NO.

170150023

SHEET NUMBER

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INDIANA UTILITIES PROTECTION SERVICE

Call 811

before you dig

DATE

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REVISIONS

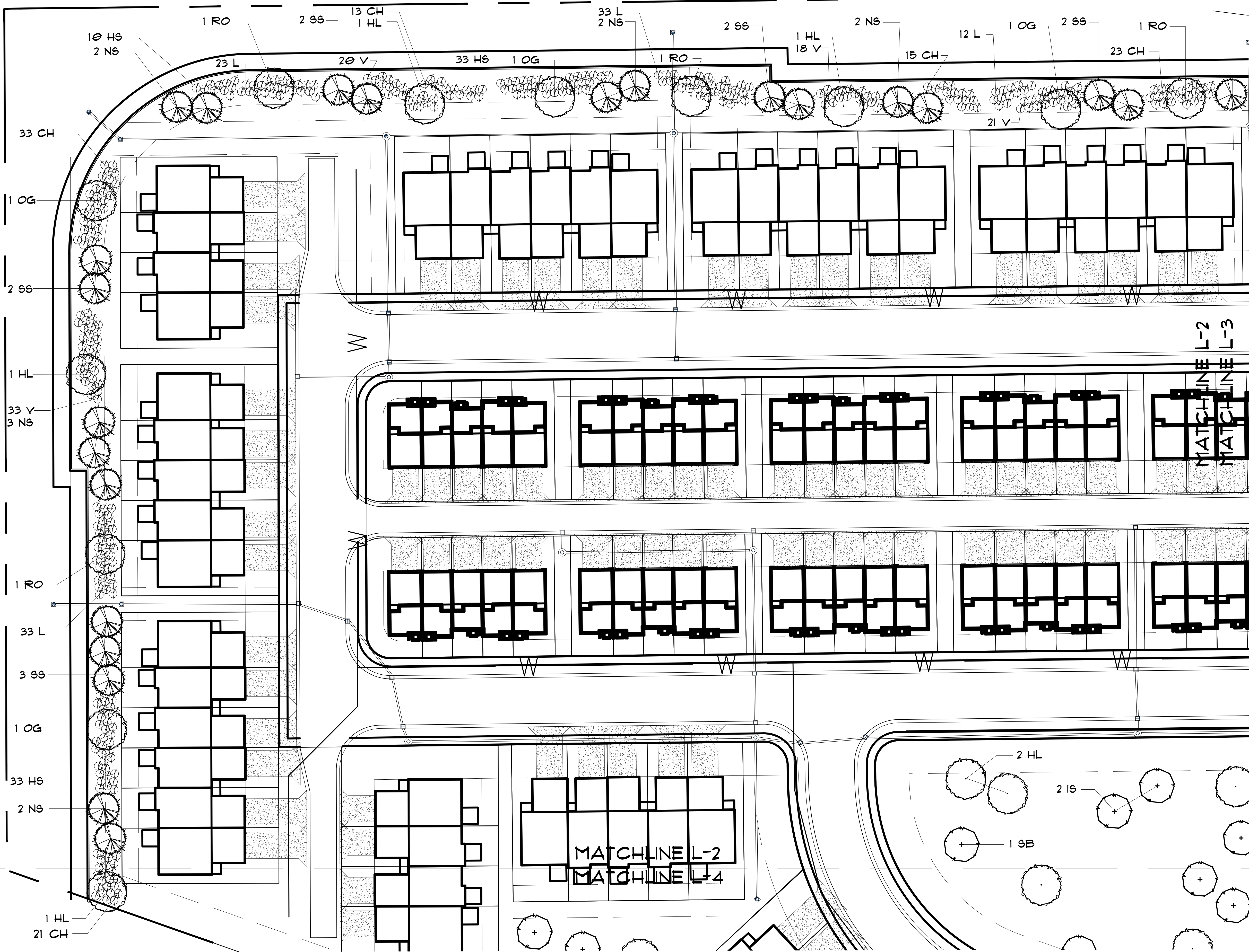
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REVISIONS PER TAC COMMENTS

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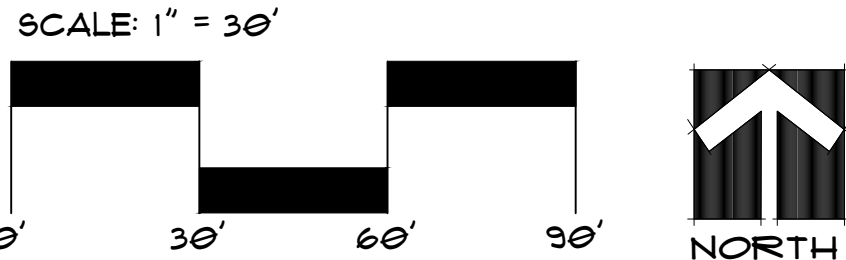
BY

DATE



PLANT SCHEDULE					
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	QUANT
SHADE TREES					
BC		BALD CYPRRESS	TAXODIUM DISTICHUM	2'-1/2"	1
HL		HONEYLOCUST 'SHADENASTER'	GLEDISIA TRICANTHOS 'SHADENASTER'	2'-1/2"	15
OG		OCTOBER GLORY MAPLE	ACER RUBRUM 'OCTOBER GLORY'	2'-1/2"	15
RB		RIVERBIRCH	BETULA NIGRA	10' GL	9
RO		RED OAK	QUERCUS RUBRA	2'-1/2"	11
ORNAMENTAL TREES					
IS		IVORY SILK LILAC	SYRINGA RETICULATA 'IVORY SILK'	1'-1/2"	15
SB		SERVICEBERRY 'AUTUMN BRILLIANCE'	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	1'-1/2"	16
EVERGREEN TREES					
NS		NORWAY SPRUCE	PICEA ABIES	6'-T	27
SS		SERBIAN SPRUCE	PICEA OMORICA	6'-T	26
SHRUBS					
CH		BRIGHT RED CHOKEBERRY	ARONIA ARBUTIFOLIA 'BRIGHT RED'	18"	220
HS		KODIAK HONEYSUCKLE	DIERVILLA X 'KODIAK'	18"	175
L		DWARF KOREAN LILAC	SYRINGA MEYER 'FALEIN'	18"	215
V		LEATHERLEAF VIBURNUM	VIBURNUM X RHYTHID 'ALLEGHENY'	18"	205

BUFFER REQUIREMENTS			
TOTAL L.F.T.	PLANTS	QUANTITY REQUIRED	QUANTITY PLANNED
2,440'	1 SHADE TREE, 2 EVERGREEN, 33 SHRUBS PER 100'		
	SHADE TREE	25	26
	EVERGREEN	45	50
	SHRUBS	805	811



DESIGNED FOR
M HOMES OF INDIANA
8425 WOODFIELD CROSSING
BLVD, SUITE 1000
INDIANAPOLIS, IN 46240

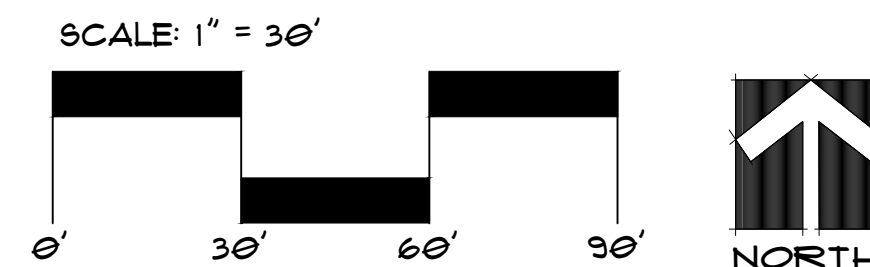
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TOWNES AT 238
NOBLESVILLE, IN

SHEET NAME
LANDSCAPE PLAN

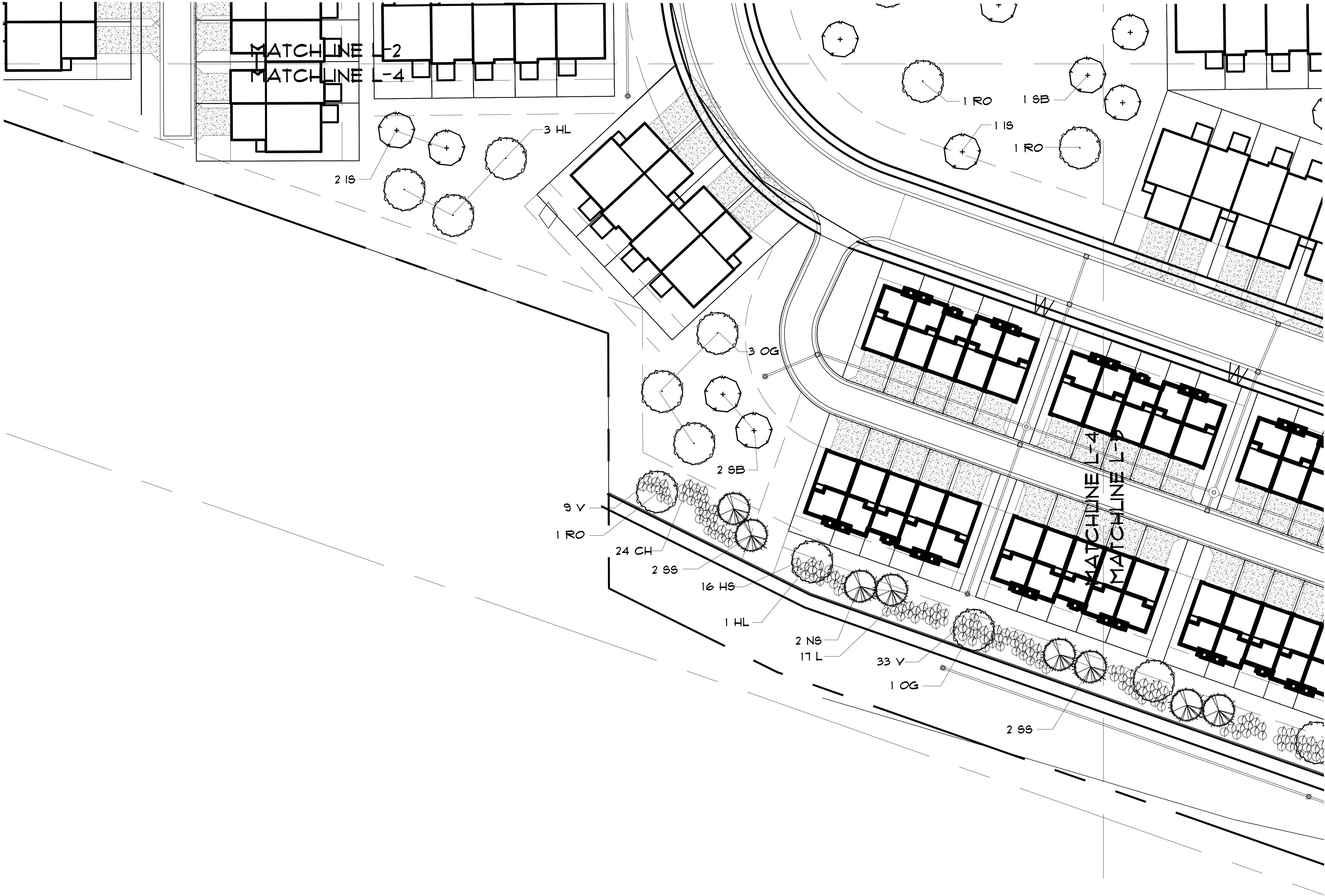
DESIGNER
TF

DATE FEB 13, 2024

SHEET
L2



BUFFER REQUIREMENTS			
TOTAL U FT	PLANTS	QUANTITY REQUIRED	QUANTITY PLANNED
2,440	1 SHADE TREE, 2 EVERGREEN, 35 SHRUBS PER 100'		
	SHADE TREE	25	26
	EVERGREEN	49	50
	SHRUBS	809	811



PLANT SCHEDULE					
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	QUANT
SHADE TREES					
	BC	BALD CYPRESS	TAXODIUM DISTICHUM	2-1/2"	1
	HL	HONEYLOCUST 'SHADENASTER'	GLADSTRIA TRICANTHOS 'SHADENASTER'	2-1/2"	15
	OG	OCTOBER GLORY MAPLE	ACER RUBRUM 'OCTOBER GLORY'	2-1/2"	15
	RB	RIVER BIRCH	BETULA NIGRA	18" CL	5
	RO	RED OAK	QUERCUS RUBRA	2-1/2"	11
ORNAMENTAL TREES					
	IS	IVORY SILK LILAC	SYRINGA RETICULATA 'IVORY SILK'	1-1/2"	15
	SB	SERVICEBERRY 'AUTUMN BRILLIANCE'	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	1-1/2"	16
EVERGREEN TREES					
	NS	NORWAY SPRUCE	PICEA ABIES	6'-1"	27
	SS	SERBIAN SPRUCE	PICEA OMORICA	6'-1"	25
SHRUBS					
	CH	BRIGHT RED CHOCHEBERRY	ARONIA ARBUTIFOLIA 'BRIGHT RED'	18"	220
	HS	KODIAK HONEYSUCKLE	DIERVILLA X 'KODIAK'	18"	175
	L	DWARF KOREAN LILAC	SYRINGA MEYER 'PALIBIN'	18"	215
	V	LEATHERLEAF VIBURNUM	VIBURNUM X RHYTHID 'ALLSHANN'	18"	205

BUFFER REQUIREMENTS			
TOTAL L1 FT	PLANTS	QUANTITY REQUIRED	QUANTITY PLANNED
2,440	1 SHADE TREE, 2 EVERGREEN, 33 SHRUBS PER 100'		
	SHADE TREE	25	26
	EVERGREEN	45	50
	SHRUBS	605	611



DESIGNED FOR
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8425 WOODFIELD CROSSING
BLVD, SUITE 100N
INDIANAPOLIS, IN 46240

PROJECT NAME
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NOBLESVILLE, IN

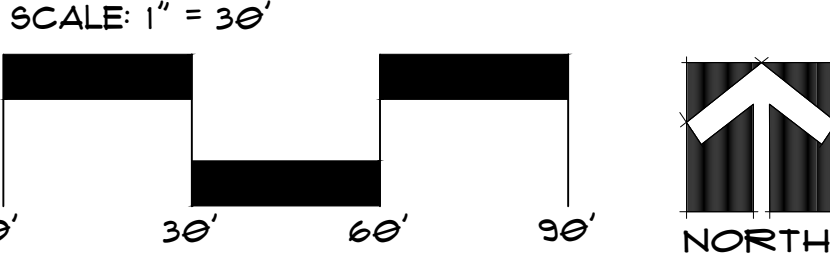
SHEET NAME
**LANDSCAPE
PLAN**

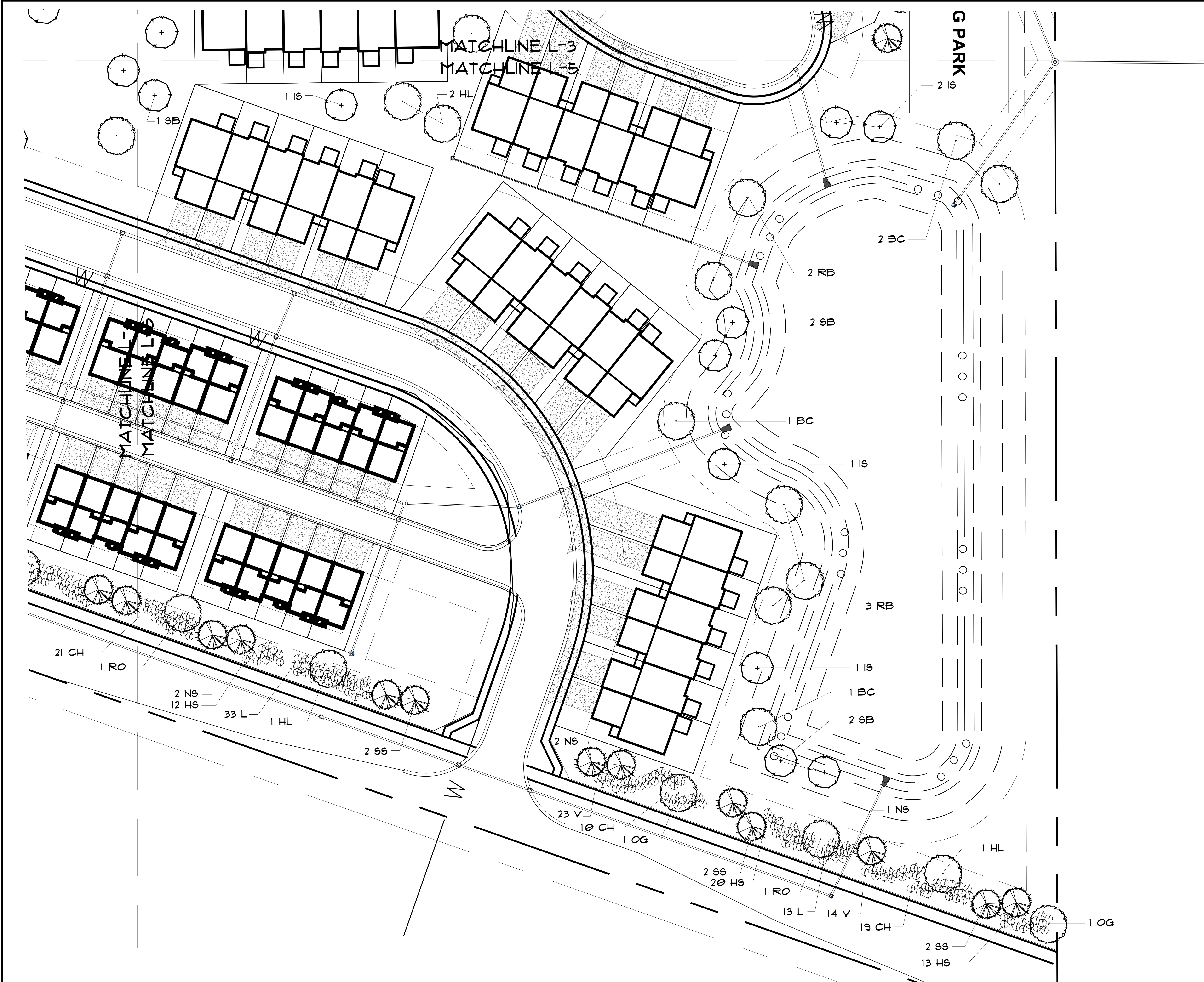
DESIGNER
TF

DATE: FEB 19, 2024

SHEET

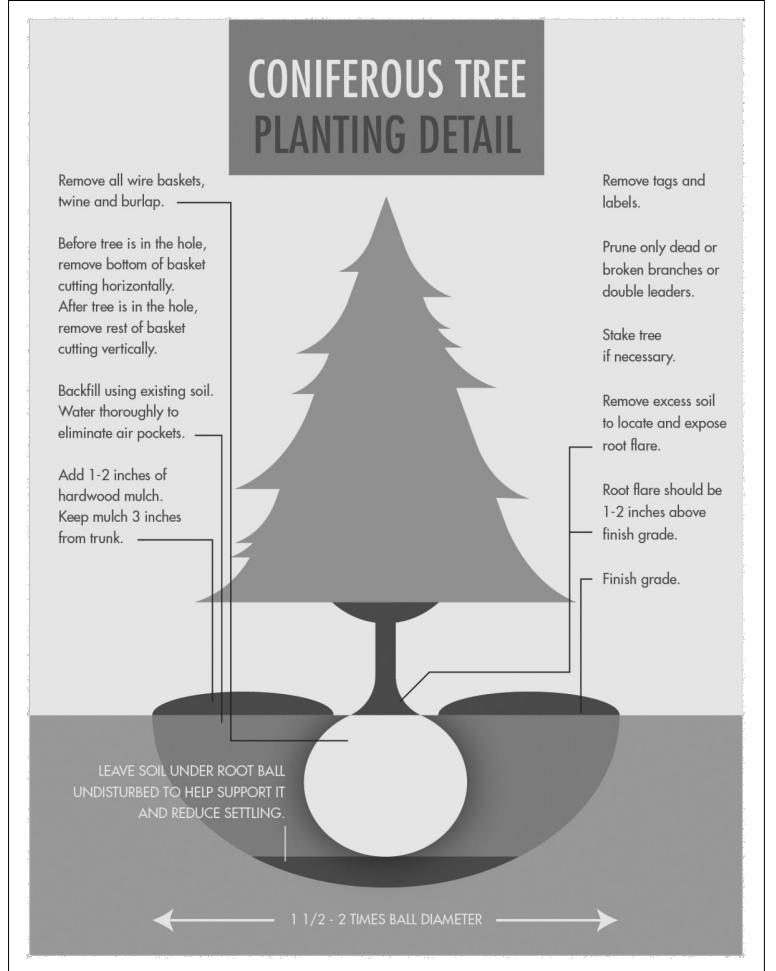
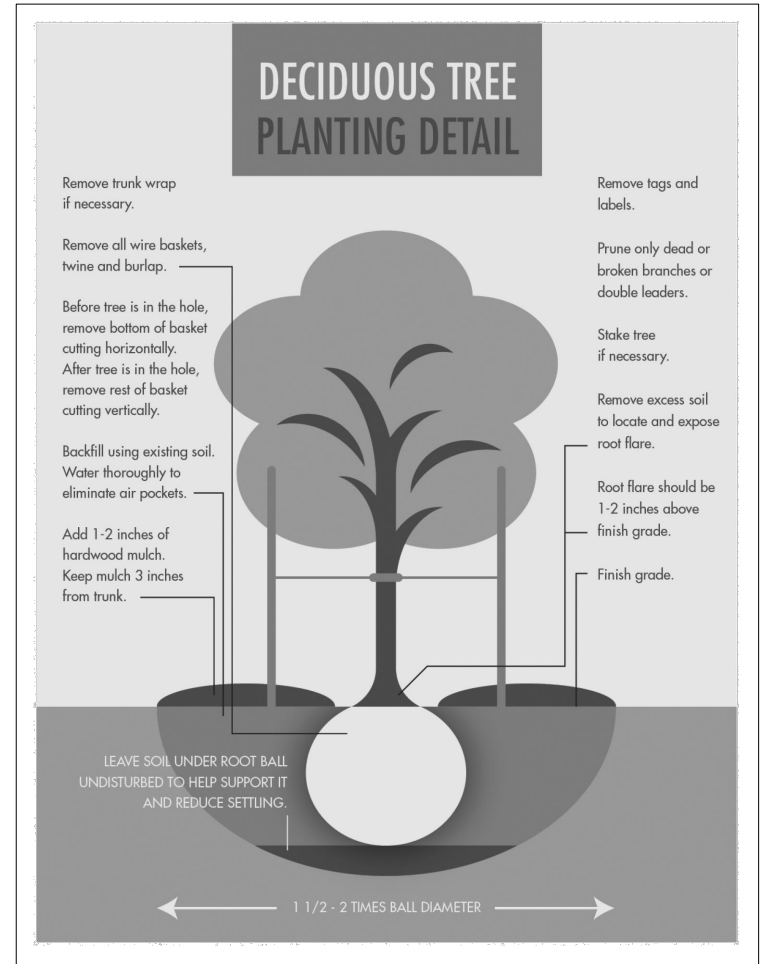
L4



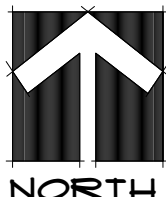
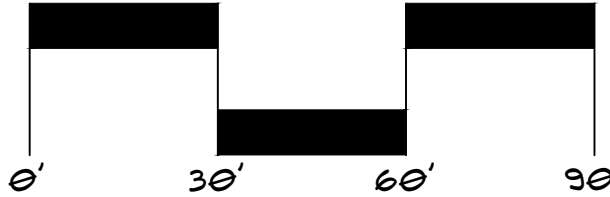


PLANT SCHEDULE					
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	QUANT
SHADE TREES					
BC		BALD CYPRESS	TAXODIUM DISTICHUM	2-11"	1
HL		HONEYLOCUST	GLIEDITSA TRICANTHOS	2-11"	15
OG		OCTOBER GLORY MAPLE	ACER RUBRUM 'OCTOBER GLORY'	2-11"	15
RB		RIVERBIRCH	BETULA NIGRA	18" GL	5
RO		RED OAK	QUERCUS RUBRA	2-11"	11
ORNAMENTAL TREES					
IS		IVORY BILK LILAC	SYRINGA RETICULATA 'IVORY BLK'	1-11"	15
SB		SERVICEBERRY 'AUTUMN BRILLIANCE'	AMELANCHIER X GRACIOPOLKA 'AUTUMN BRILL'	1-11"	16
EVERGREEN TREES					
NS		NORWAY SPRUCE	PICEA ABIES	6'-1'	27
SS		SERBIAN SPRUCE	PICEA OMORICA	6'-1'	26
SHRUBS					
CH		BRIGHT RED CHOCOBERRY	ARONIA ARBUTICOLIA 'BRILLANTISSIMA'	18"	220
HB		KODIAK HONEYBUCKLE	DIERYLLA X 'KODIAK'	18"	173
L		QUART KOREAN LILAC	SYRINGA MEYER 'PALISIN'	18"	215
V		LEATHERLEAF VIBURNUM	VIBURNUM X RHYTID 'ALLEGHENY'	18"	203

BUFFER REQUIREMENTS				
TOTAL LI FT	PLANTS	QUANTITY REQUIRED	QUANTITY PLANNED	
2,440	1 SHADE TREE, 2 EVERGREEN, 33 SHRUBS PER 100'			
	SHADE TREE	25	26	
	EVERGREEN	45	50	
	SHRUBS	805	811	



SCALE: 1" = 30'



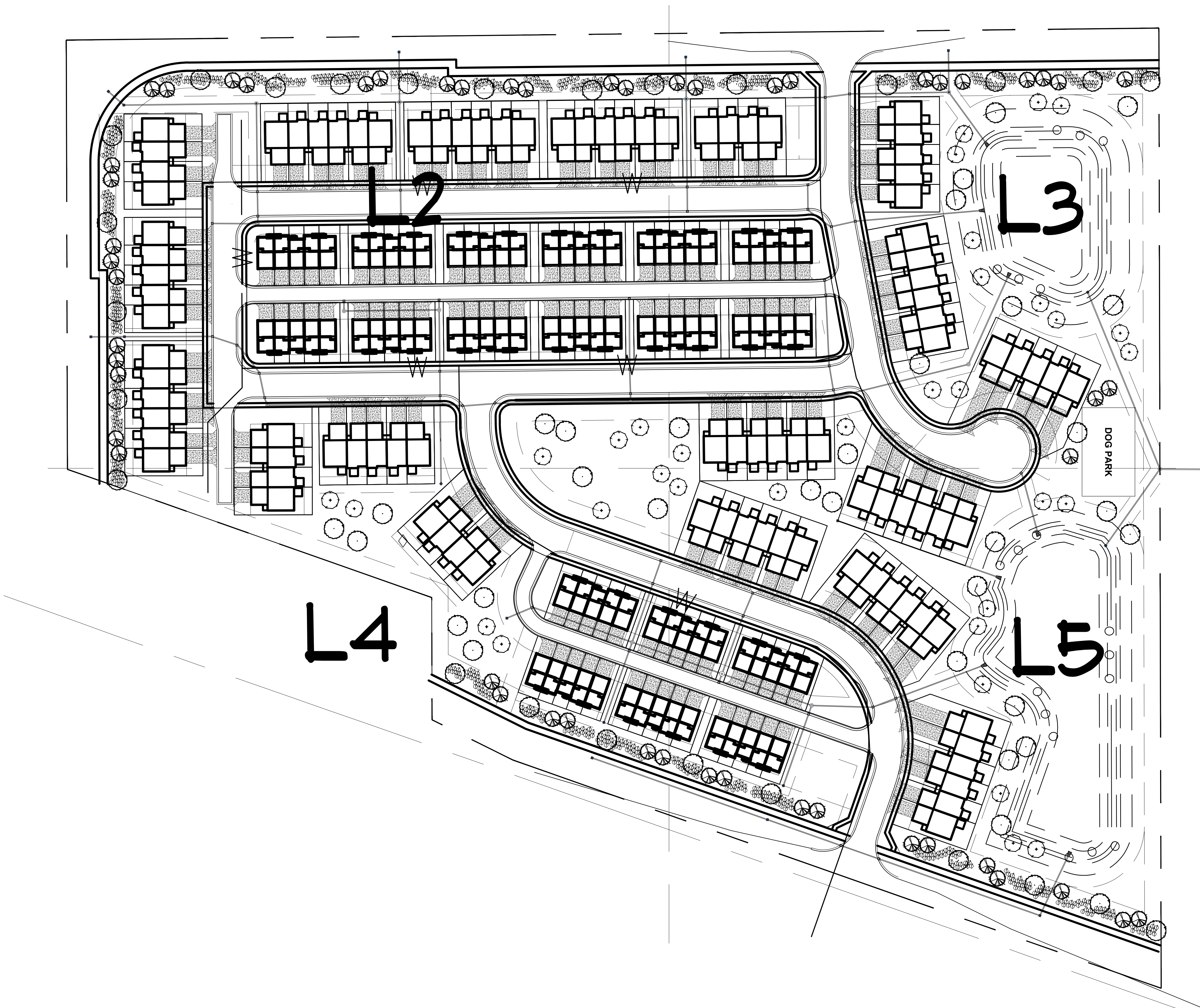
DESIGNED FOR
M1 HOMES OF INDIANA
8425 WOODFIELD CROSSING
BLVD, SUITE 1000
INDIANAPOLIS, IN 46240

PROJECT NAME
TOWNES AT 238
NOBLESVILLE, IN

SHEET NAME
LANDSCAPE PLAN

DESIGNER
TF
DATE FEB 13, 2024

SHEET
15



NOT TO SCALE



DESIGNED FOR
M HOMES OF INDIANA
8425 WOODFIELD CROSSING
BLVD, SUITE 1000
INDIANAPOLIS, IN 46240

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TOWNES AT 238
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1