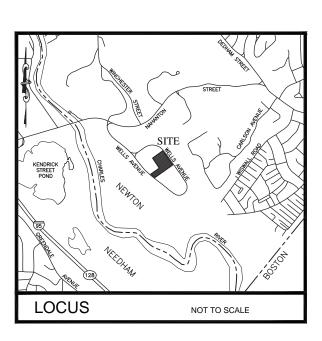


# Intrum Real Estate and Project Management 180 Wells Ave, Newton, MA 02459 617.969.6000

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Special Permit Modification Submission October 10, 2019

© ELKUS MANFREDI ARCHITECTS

# R.E. Cameron & Associates, Inc. Surveyor

681 Washington Street Norwood, MA 02062 P: 781.769.1777

# Site Design Engineering, LLC Civil Engineer

11 Cushman Street Middleboro, MA 02346 P: 508.967.0673

#### G. Michael Peirce, Esq. Counsel

Newton Wellesley Exec. Office Park 60 Walnut Street 25 Drydock Avenue Boston, MA 02210 Wellesley, MA 02481 P: 781.239.0400

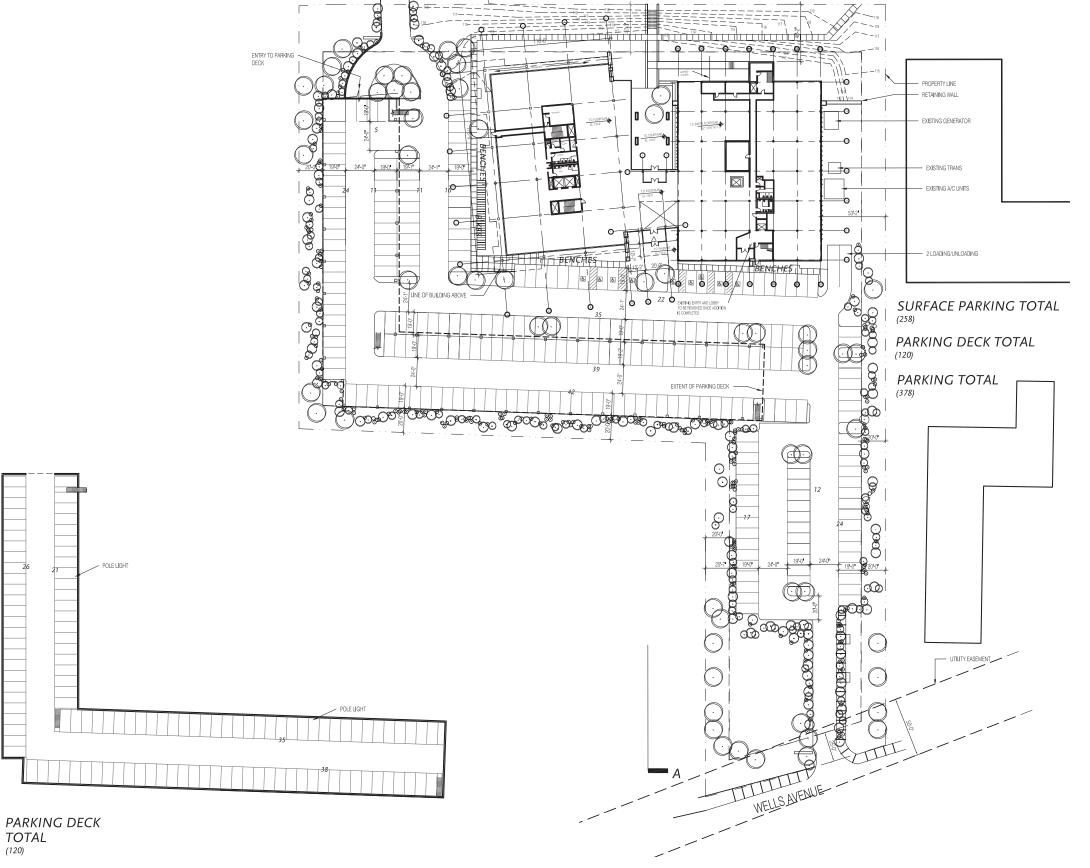
#### **Elkus Manfredi Architects** Architect

P: 617.426.1300

# **Intrum Real Estate and Project Management** Developer

180 Wells Avenue Newton, MA 02459 P: 617.969.6000





# **SUMMARY**

GROSS FLOOR AREA

FLOOR	EXISTING	ADDITION	TOTAL AREA
1	18,592	19,198	37,790
2	18,592	20,936	39,528
3	18,592	20,467	39,059
TOTAL AREA	55,776 sf	60,601 sf	116,377 SF

#### PARKING

TOTAL REQUIRED 20K/250 =80 SPACES  $96.4\kappa/333 =$ 

290 SPACES 370 SPACES

378 SPACES TOTAL PROVIDED 3.25 SPACES/1000 S.F. RATIO

# PROPOSED FAR & OPEN SPACE

SITE AREA: 220,097 SF BUILDING AREA: 116,377 SF\*\* FAR .53

**OPEN SPACE:** 

REQUIRED: 40% OF SITE AREA = 88,039 SF

PROVIDED: 88,050 SF

\*\* PARKING STRUCTURE NOT INCLUDED

# SITE ZONING REQUIREMENTS

#### **BICYCLES**

1 PER 10 PARKING SPACES TO 30 MAX = 30 REQUIRED

#### LOADING BAYS

1 REQUIRED, 2 PROVIDED

PARKING STALLS

9' W X 19' D

# Plantings

1 TREE PER 10 STALLS 5% PARKING AREA = LANDSCAPING

NOTE: LANDSCAPE SCREENING SHOWN FOR DIPICTIONAL PURPOSES. SCREENING TO CONSIST OF EXISTING AND ADDITIONAL PLANTINGS.

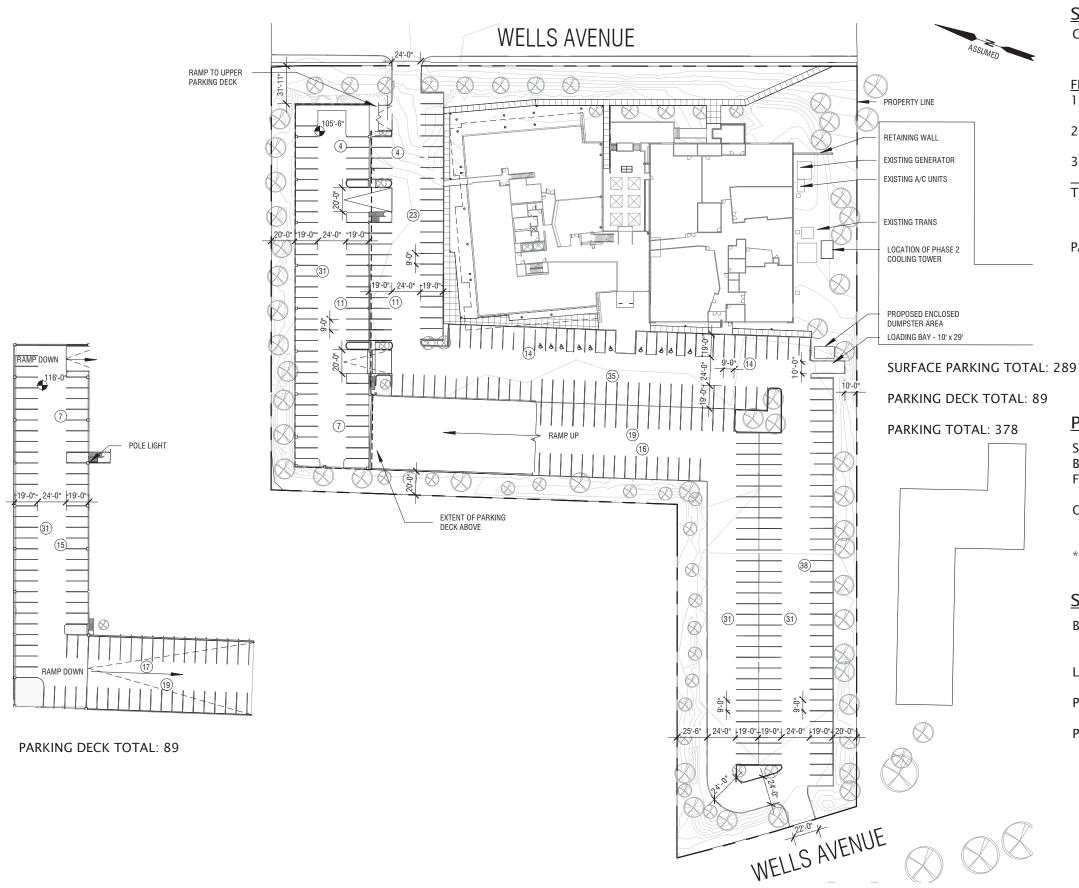
PAGE 2 OF 19

ELKUS MANFREDI



(120)

Newton, Massachusetts, 02459



#### **SUMMARY**

**GROSS FLOOR AREA** 

		ADDITION		
		APPROVED	SP MOD	PROPOSED
FLOOR	EXISTING	7/21/2015	10/10/2019	TOTAL AREA
1	18,592	19,198	N/C	37,790
2	18,592	20,936	N/C	39,528
3	18,592	20,467	N/C	39,059
TOTAL AREA	55,776 SF	60,601 SF	N/C	116,377 SF

#### **PARKING**

TOTAL REQUIRED

20,000/250= 80 SPACES 96,400/333= <u>290 SPACES</u> 370 SPACES

TOTAL PROVIDED: 378 SPACES RATIO PROVIDED: 3.25 SPACES/1,000 SF

# PROPOSED FAR & OPEN SPACE

 SITE AREA:
 220,097 SF

 BUILDING AREA:
 116,377 SF\*

 FAR
 .53

OPEN SPACE:

REQUIRED: 40% OF SITE AREA = 88,039 SF PROVIDED: 74,106 SF

\* PARKING STRUCTURE NOT INCLUDED

# **SITE ZONING REQUIREMENTS**

**BICYCLES** 

1 PER 10 PARKING SPACES TO MAX OF 30 30 RACK SPACES REQUIRED AND PROVIDED

LOADING BAYS

1 REQUIRED, 1 PROVIDED

PARKING STALLS

9' W x 19' D

**PLANTINGS** 

5% PARKING AREA = LANDSCAPING ISLANDS 2% PARKING AREA INTERIOR LANDSCAPE PROVIDED

NOTE: LANDSCAPE SCREENING SHOWN FOR ILLUSTRATIVE PURPOSES. SCREENING TO CONSIST OF EXISTING AND ADDITIONAL PLANTINGS.

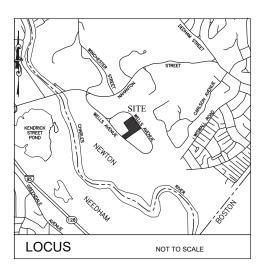
PAGE 3 OF 19

ARCHITECTS

ELKUS MANFREDI



SPECIAL PERMIT MODIFICATION SUBMISSION



ZONED: LIMITED MANUFACTURING							
ITEM	REQUIRED	EXISTING	PROPOSED				
LOT AREA, SF	0	220,097	N/C				
FRONTAGE, FT	0	490.70	N/C				
FRONT SETBACK, FT	25	48.2	40.0				
SIDE SETBACK, FT	20	53.2	20.0				
REAR SETBACK, FT	20	151.5	136.1				
MAX # STORIES	3	3	N/C				
BLDG HEIGHT, FT	36	31	35.8				
TOTAL FLOOR AREA RATIO	0	.25	.53				
LOT COVERAGE	.25	0.084	.18				

PARKING REQUIREMENTS	
ITEM	REQUIRED
1 SPACE / 250 SF 1ST 20,000 SF FLOOR AREA	80
1 SPACE / 333 SF OVER 20,000 SF FLOOR AREA	290
TOTAL REQUIRED	370
TOTAL PROVI	DED 378
BICYCLES: 1 / 10 PARKING SPACES TO MAX OF 3	30
30 BICYCLE RACK SPACES REQUIRED & PROVIDED	
LOADING BAYS, 1 REQUIRED, 2 PROVIDED	
PARKING AREA INTERIOR LANDSCAPE ISLANDS, 5% R	EQUIRED
PARKING AREA INTERIOR LANDSCAPE ISLANDS, 5.1%	PROVIDED

DEED RESTRICTION						
ITEM REQUIRED EXISTING PROPOSED						
OPEN SPACE, %	40	54.5	40.0			
FLOOR AREA RATIO**	.25	.25	0.53			

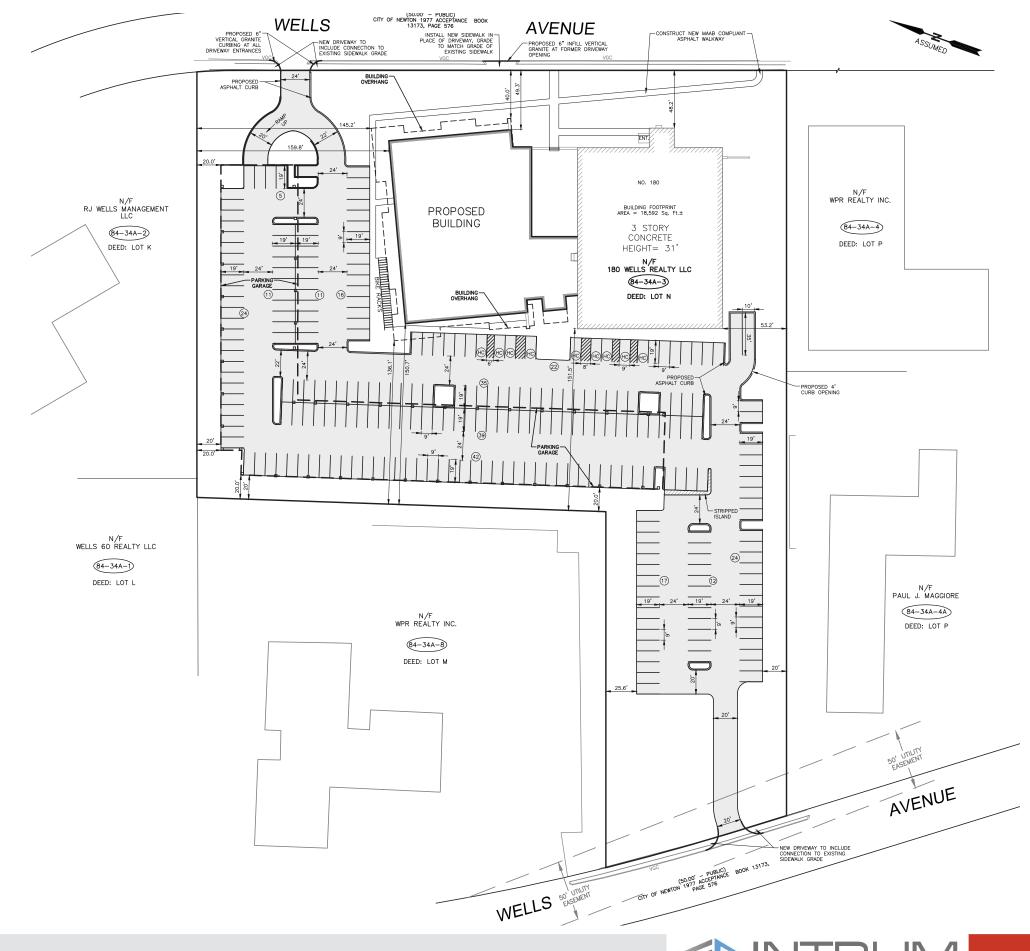
<sup>\*\*</sup> FLOOR AREA RATIO DOES NOT INCLUDE PARKING GARAGE

N/C = NO CHANGE

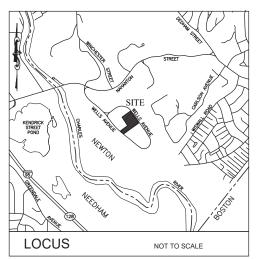
MAAB = MASSACHUSETTS ARCHITECTURAL ACCESS BOARD

#### **GENERAL NOTES:**

- 2. ELEVATIONS ARE REFERENCED TO AN ASSUMED DATUM
- 4. EXISTING UTILITY LINES SHOWN ON THIS PLAN ARE FROM AVAILABLE INFORMATION AND ARE APPROXIMATE LOCATIONS. THERE MAY BE EXISTING LINES OTHER THAN THOSE INDICATED. SITE DESIGN ENGINEERING, LLC. ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN. BEFORE PLANNING FUTURE CONNECTIONS, THE PROPER PUBLIC UTILITY ENGINEERING DEPARTMENT SHOULD BE CONSULTED.



PAGE 4 OF 19



ZONED, LIMITED MANUEACTURING							
ZONED: LIMITED MANUFACTURING							
	REQUIRED	APPROVED	PROPOSED	PROPOSED			
ITEM		10/19/15	1/16/19	10/10/19			
LOT AREA, SF	0	220,097	N/C	N/C			
FRONTAGE, FT	0	490.70	N/C	N/C			
FRONT SETBACK, FT	25	40.0	32.6	31.3			
SIDE SETBACK, FT	20	20.0	N/C	N/C			
REAR SETBACK, FT	20	136.1	135.9	139.5			
MAX # STORIES*	3*	3	4	3			
BLDG HEIGHT*, FT	36*	35.8	48.5	35.8			
TOTAL FLOOR AREA RATIO	0	0.53	0.64	0.53			
LOT COVERAGE	0.25	0.18	0.192	0.18			

<sup>\*</sup>AS TO BUILDING HEIGHT & STORIES REFER TO MAY 22, 1969 DEED RESTRICTION GOVERNING SAME.

GROSS FLOOR AREA	
EXISTING BUILDING FLOOR AREA	55,776 SF
PROPOSED ADDITION FLOOR AREA	60,601 SF
TOTAL FLOOR AREA	116,377 SF

PARKING REQUIREMENTS				
ITEM	REQUIRED			
1 SPACE / 250 SF 1ST 20,000 SF FLOOR AREA	80			
1 SPACE / 333 SF OVER 20,000 SF FLOOR AREA	290			
TOTAL REQUIRED	370			
SPACES PROVIDED - GRADE LEVEL	289			
SPACES PROVIDED - DECK LEVEL	89			
TOTAL SPACES PROVIDED	378			
BICYCLES: 1 / 10 PARKING SPACES TO MAX OF 3	30			
30 BICYCLE RACK SPACES REQUIRED & PROVIDED				
LOADING BAYS, 1 REQUIRED				
PARKING AREA INTERIOR LANDSCAPE ISLANDS, 5% R	EQUIRED			
PARKING AREA INTERIOR LANDSCAPE ISLANDS, 2.0%	PROVIDED			

DEED RESTRICTION						
		APPROVED				
ITEM		10/19/15	1/16/19	10/10/19		
OPEN SPACE, %	40	40.0	34.4	34.0		
FLOOR AREA RATIO**	.25	0.53	0.64	0.53		

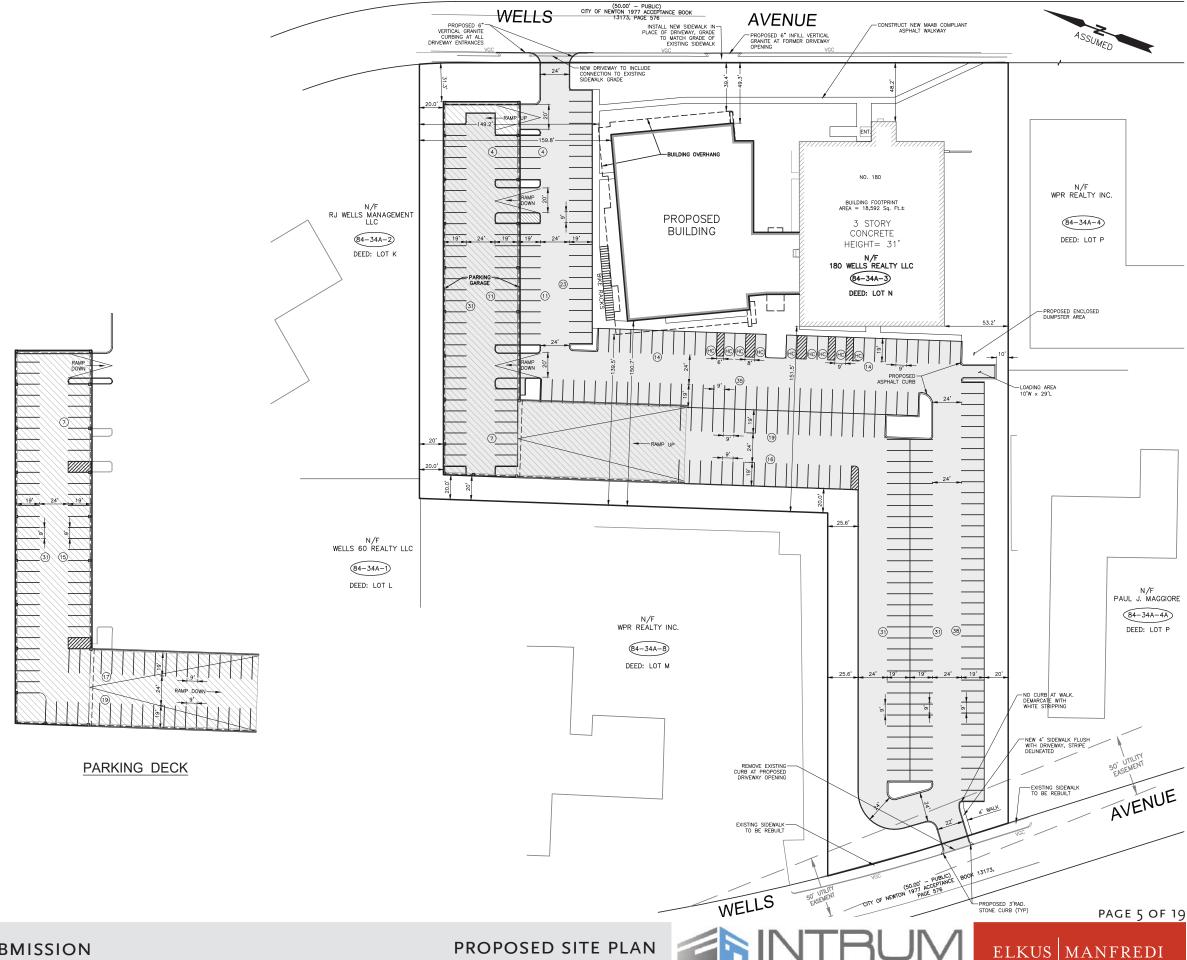
<sup>\*\*</sup> FLOOR AREA RATIO DOES NOT INCLUDE PARKING GARAGE

N/C = NO CHANGE

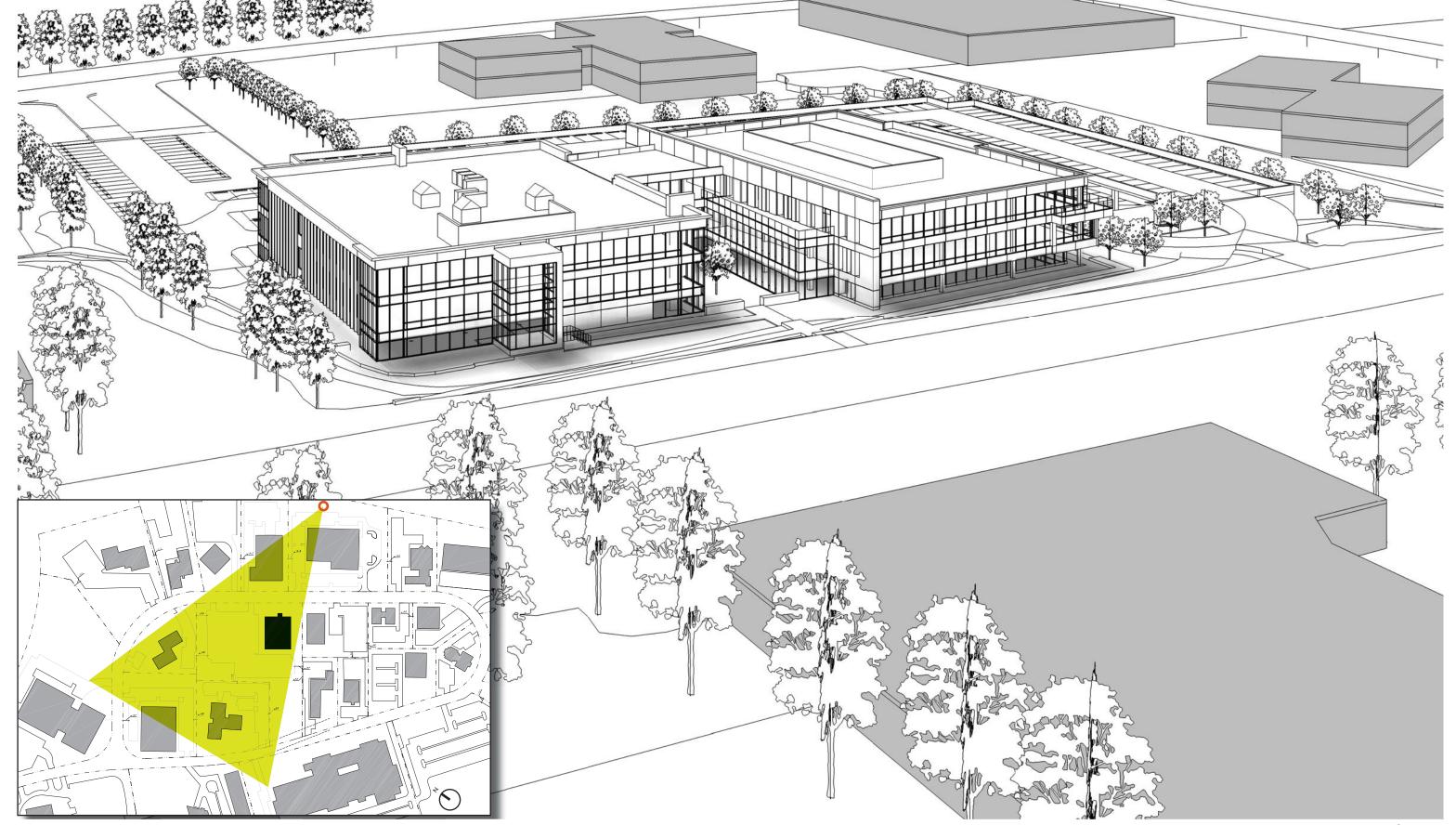
MAAB = MASSACHUSETTS ARCHITECTURAL ACCESS BOARD

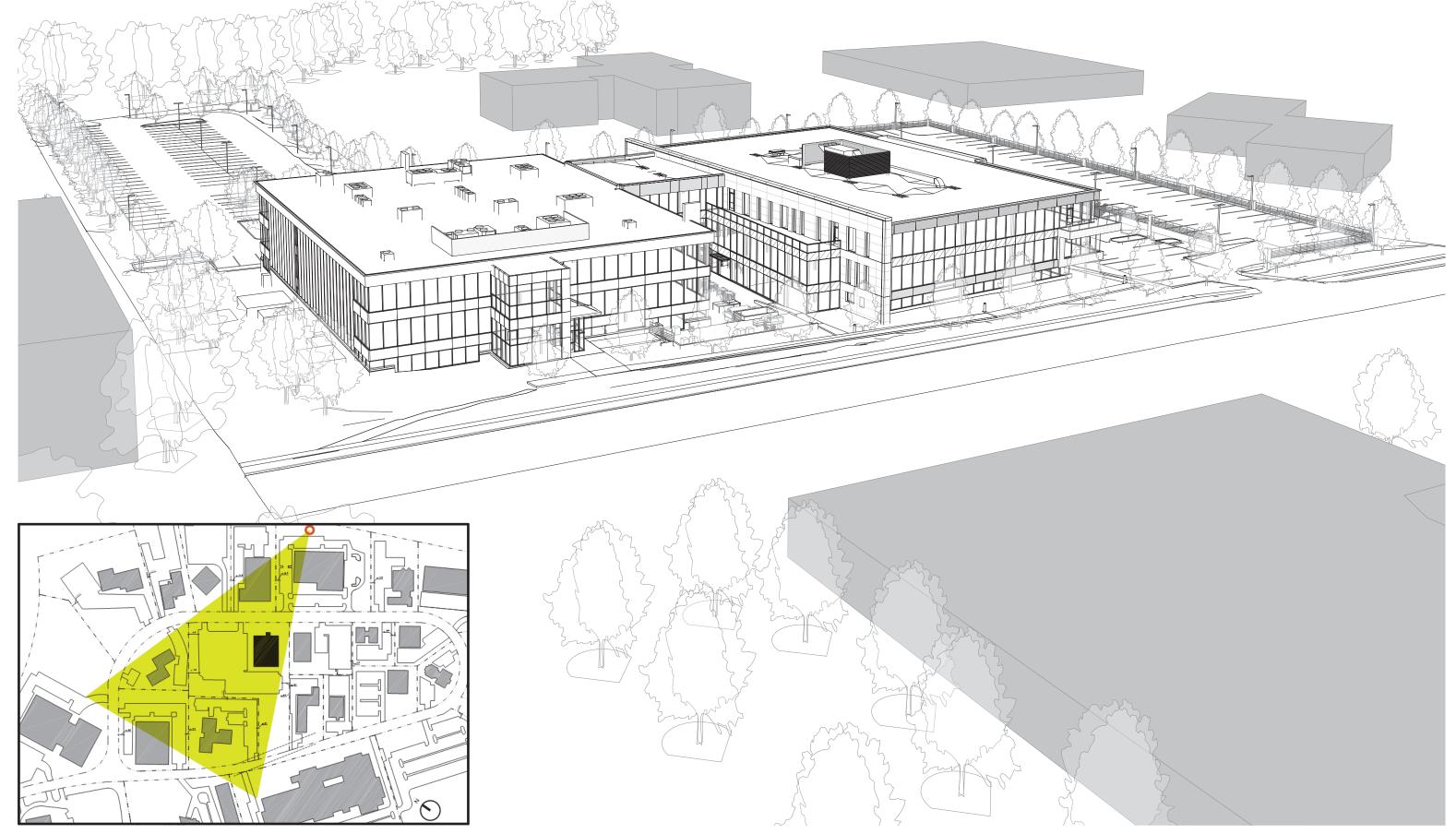
#### **GENERAL NOTES:**

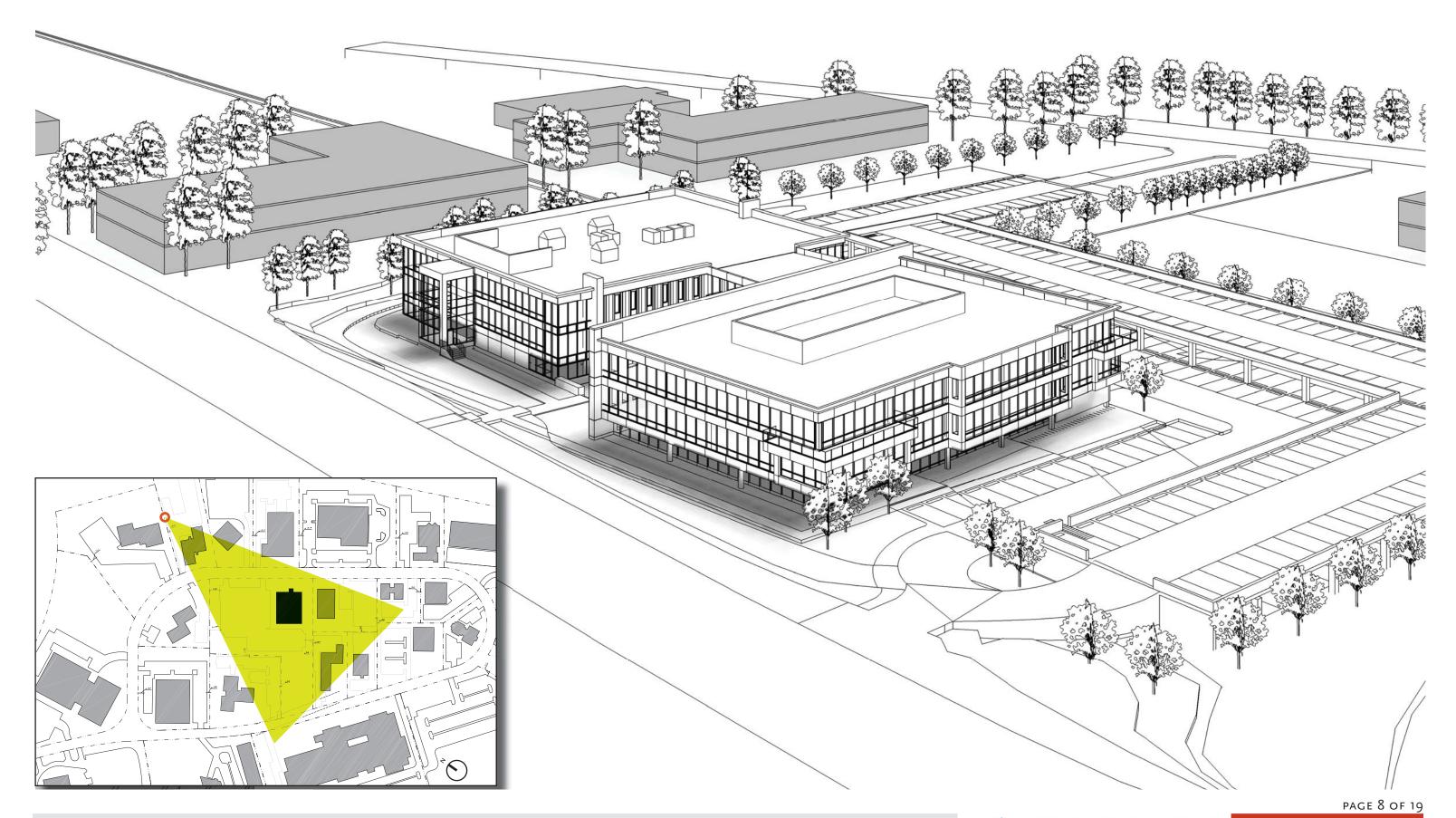
- 1. EXISTING CONDITIONS INFORMATION WAS COMPILED FROM AN ON THE GROUND SURVEY PERFORMED BY R. E. CAMERON AND ASSOCIATES, INC. AND SUPPLEMENTED WITH RECORD PLAN INFORMATION.
- 2. ELEVATIONS ARE REFERENCED TO AN ASSUMED DATUM.
- THIS PLAN AND ANY ACCOMPANYING CERTIFICATIONS DO NOT CONSTITUTE A CERTIFICATION OF TITLE TO THE PROPERTY DISPLAYED HEREON. THE OWNER OF LOCUS AND ABUTTING PROPERTIES ARE SHOWN ACCORDING TO CURRENT TOWN ASSESSORS RECORDS.
- 4. EXISTING UTILITY LINES SHOWN ON THIS PLAN ARE FROM AVAILABLE INFORMATION AND ARE APPROXIMATE LOCATIONS. THERE MAY BE EXISTING LINES OTHER THAN THOSE INDICATED. SITE DESIGN ENGINEERING, LLC. ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITED OR INACCURATELY SHOWN. BEFORE PLANNING FUTURE CONNECTIONS, THE PROPER PUBLIC UTILITY ENGINEERING DEPARTMENT SHOULD BE CONSULTED.

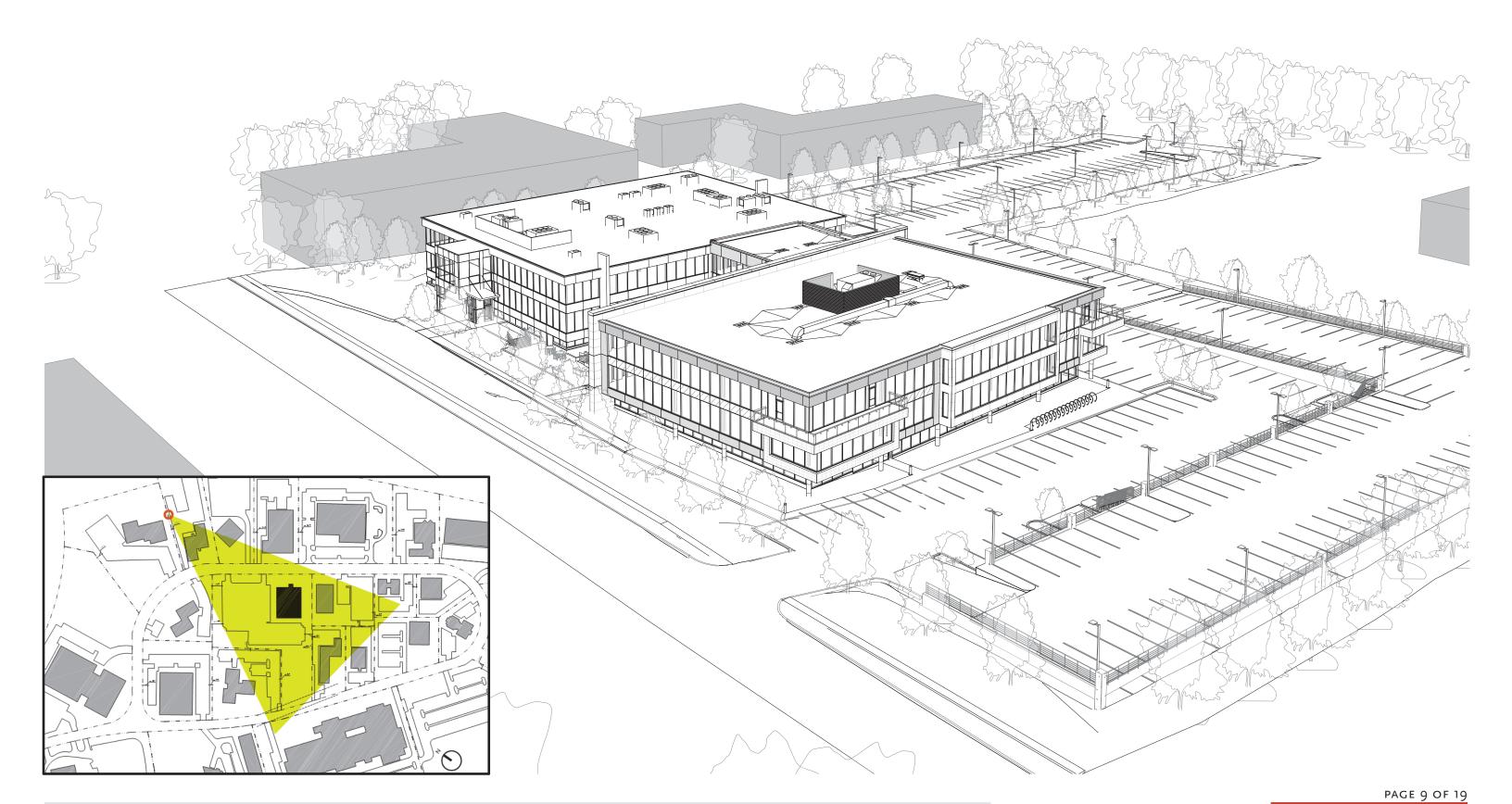


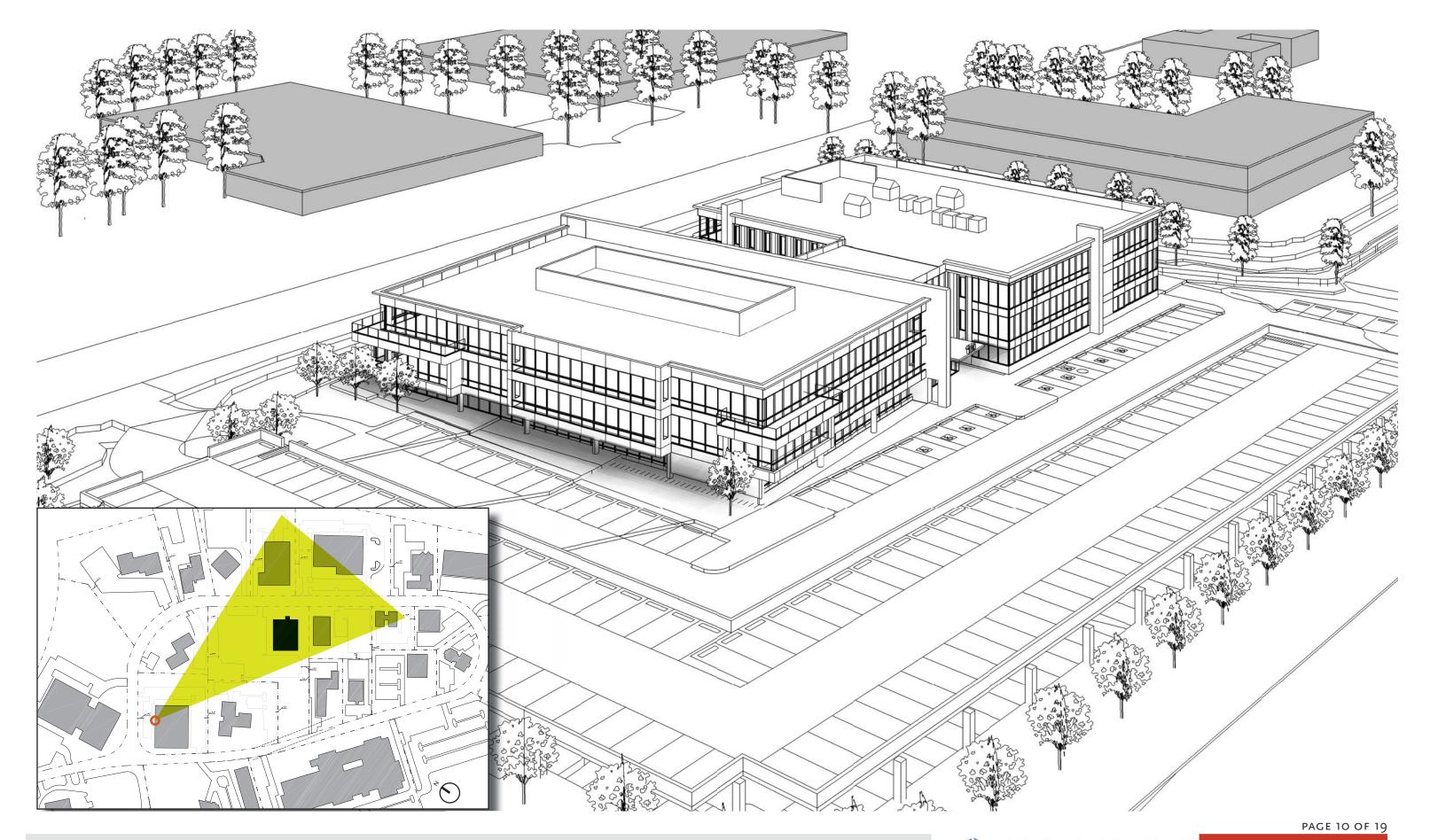
# SPECIAL PERMIT MODIFICATION SUBMISSION

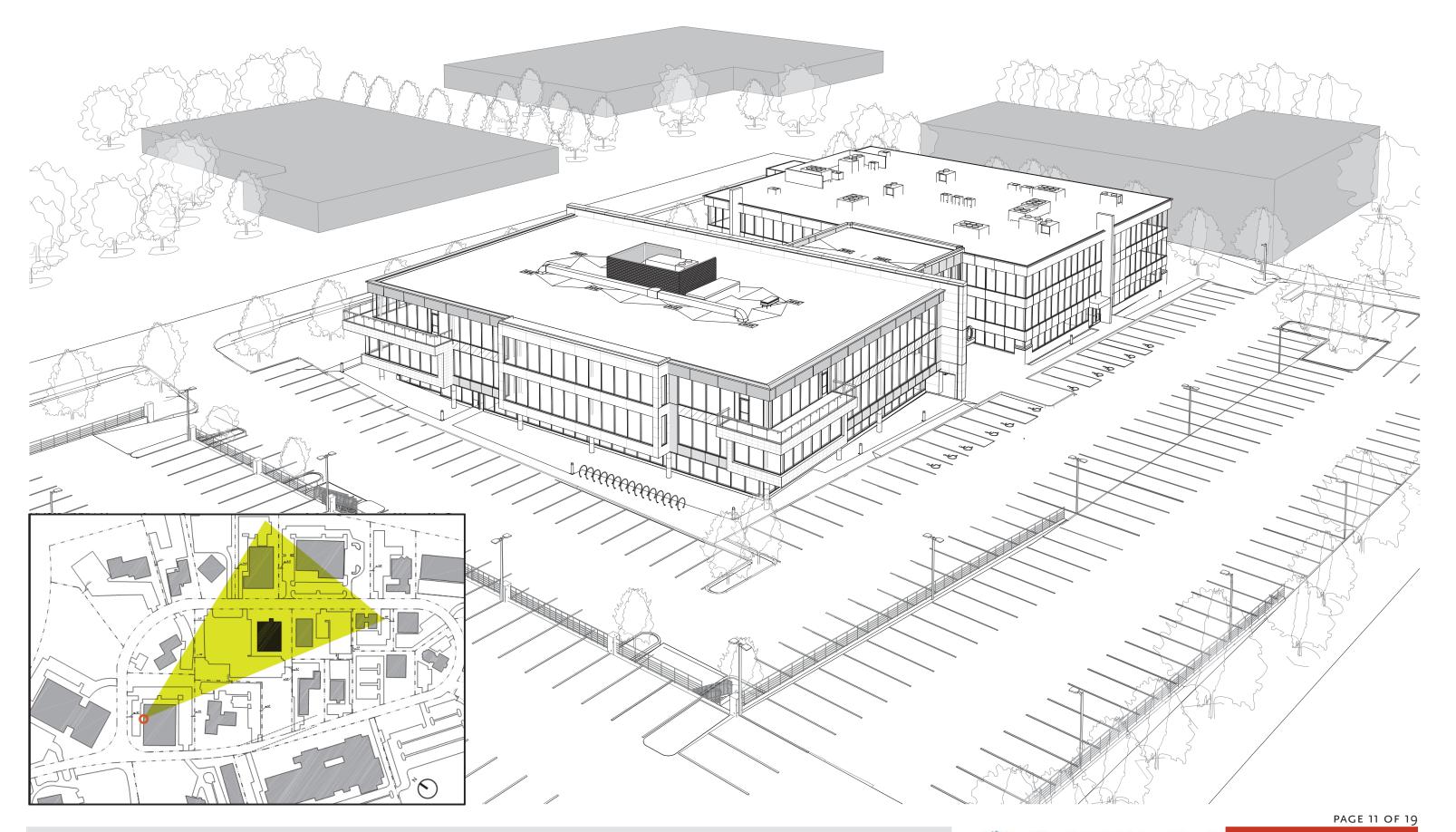


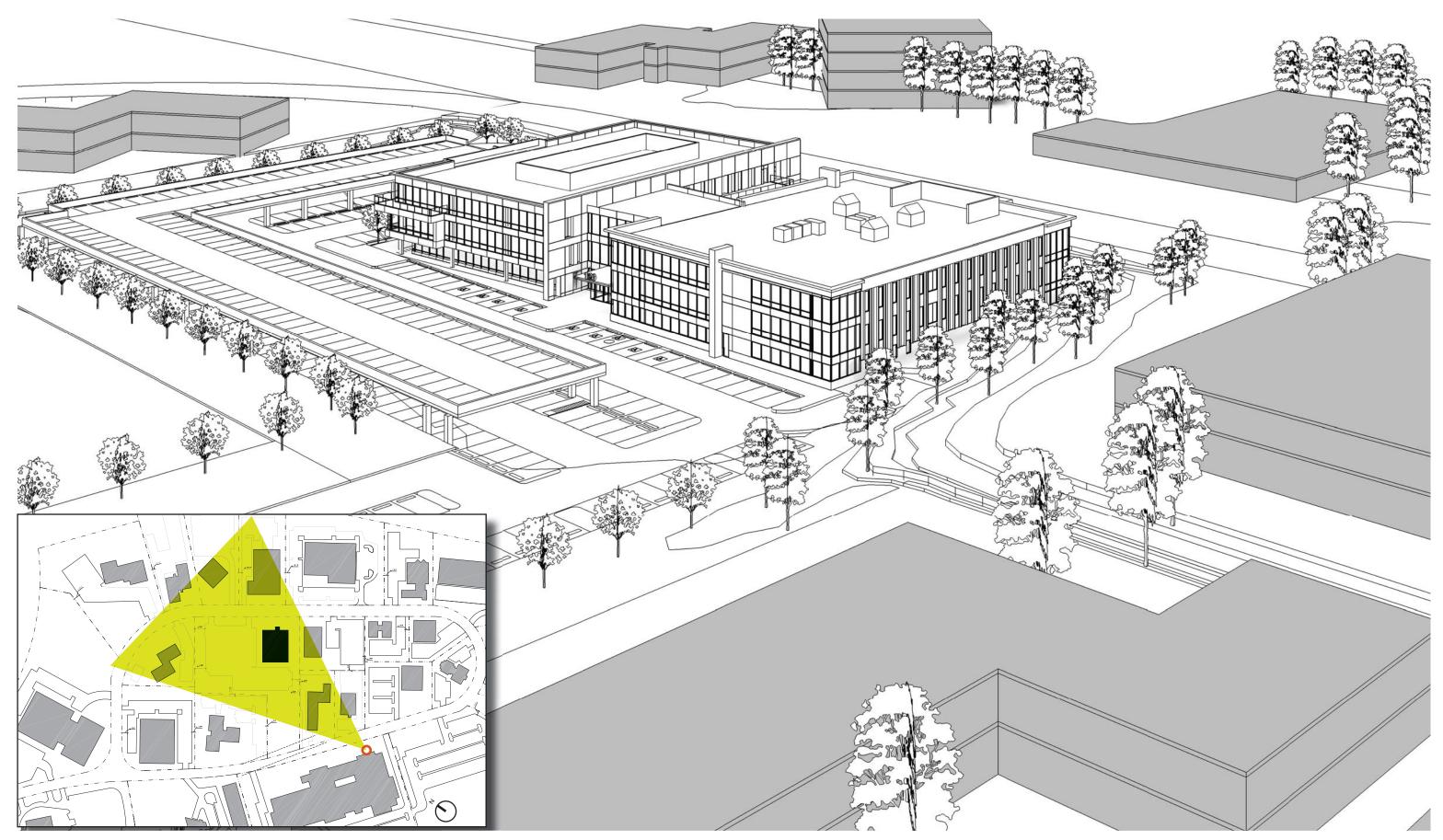




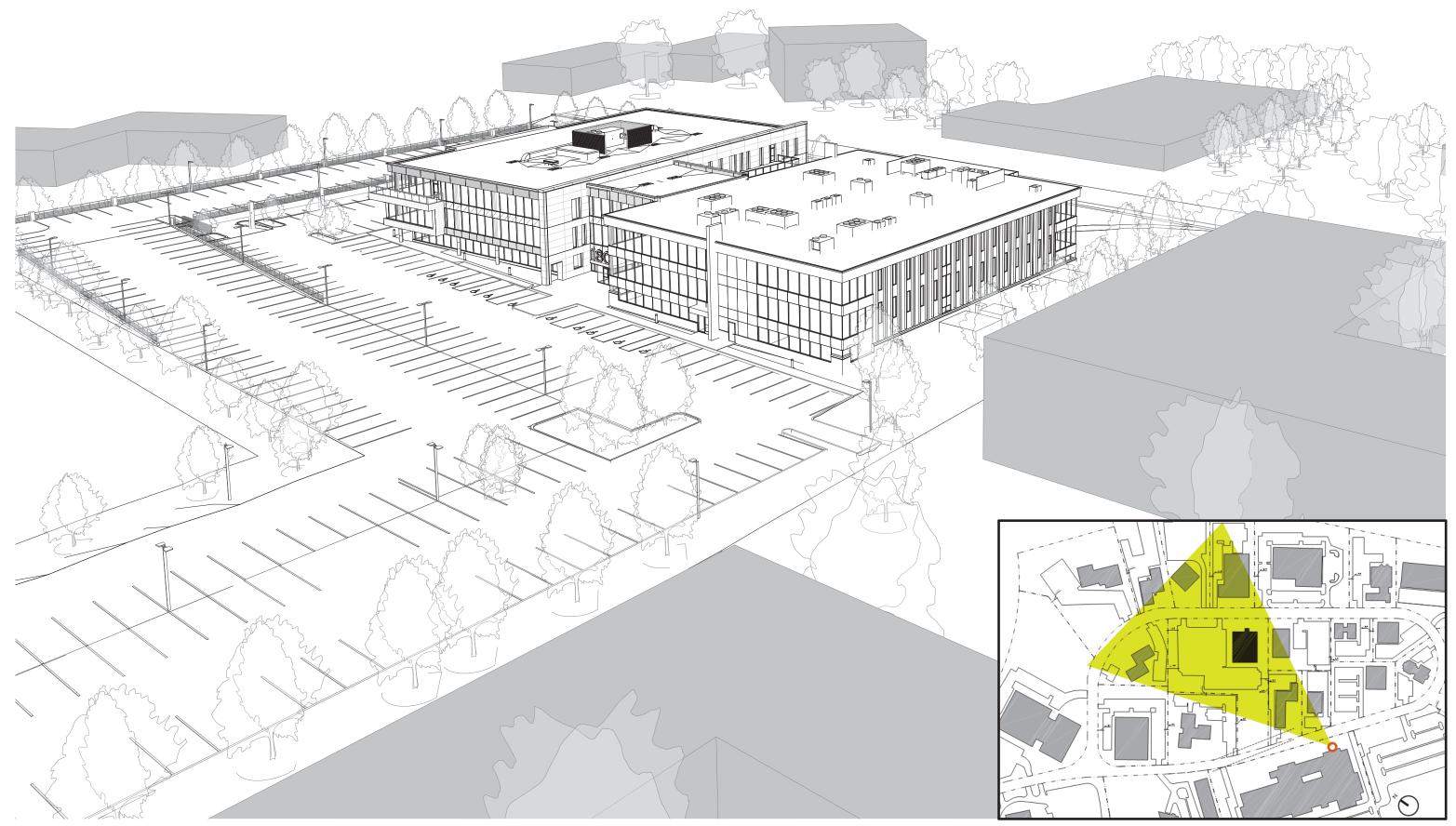






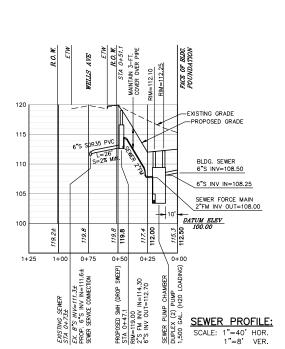






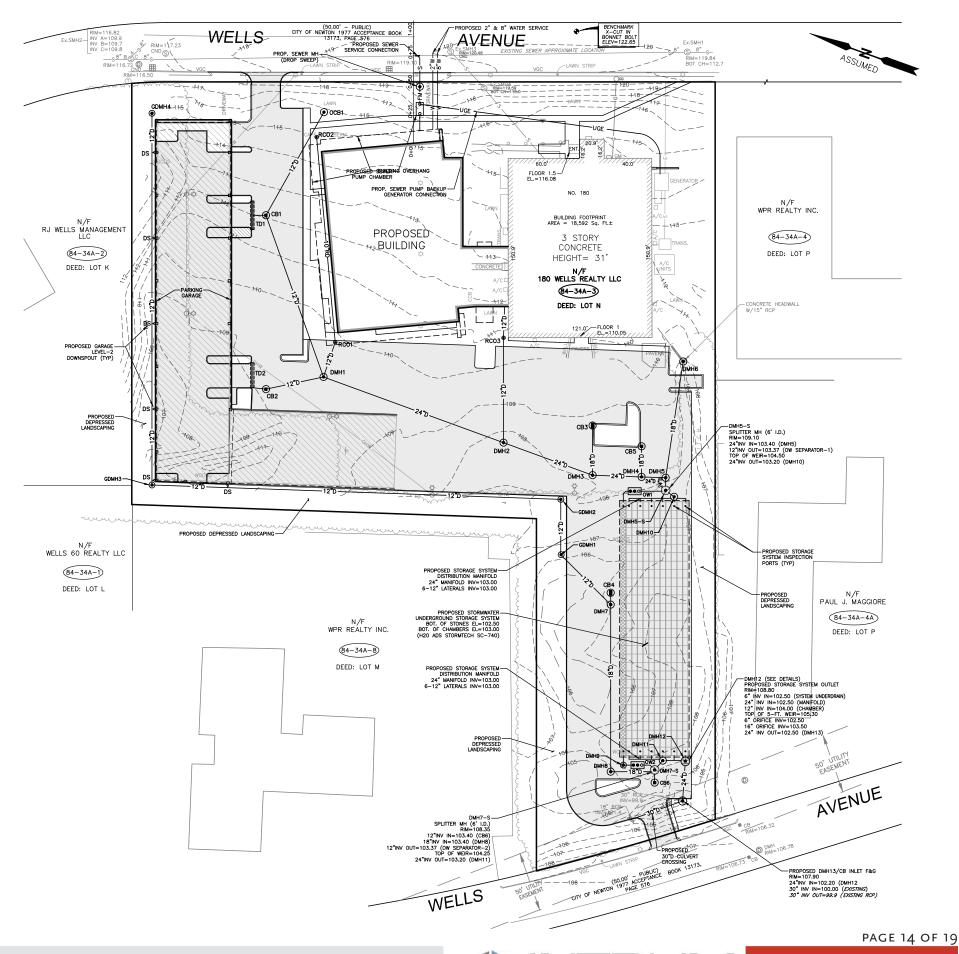
FROM STRUCTURE	RIM ELEV.	INVERT OUT	INVERT IN	TO STRUCTURE	IN & OUT (INCH.)	( FT. )	SLOPE (FT./FT.)	CLA
OCB1	111.50	107.50	106.45	CB1	12	95.6	0.0110	HD
TD1	109.30	106.65	106.55	CB1	8	9.0	0.0111	HD
CB1	109.20	106.20	105.25	DMH1	12	140.5	0.0068	HD
TD2	109.00	106.00	105.88	CB2	12	9.0	0.0133	HD
CB2	108.40	105.38	105.15	DMH1	18	45.5	0.0051	HD
CB3	108.40	104.55	104.36	DMH3	18	78.3	0.0050	HD
CB4	108.00	104.50	104.40	DMH7	18	6.0	0.0167	HD
CB5	108.20	104.39	104.17	DMH4	18	21.8	0.0101	HD
CB6	108.20	103.60	103.40	DMH7-S	12	4.0	0.0500	HD
RC02	112.50	108.75	106.10	RCO1	10	172.0	0.0154	HD
RC01	109.75	106.00	105.25	DMH1	12	28.8	0.0260	HD
DMH1	109.10	105.05	104.25	DMH2	24	157.3	0.0051	HD
BUILDING	-	106.00	105.60	RC03	12	26.0	0.0154	HD
RC03	109.75	105.60	104.50	DMH2	12	108.8	0.0100	HD
DMH2	109.00	104.25	103.86	DMH3	24	75.8	0.0051	HD
DMH3	108.80	103.86	103.67	DMH4	24	37.3	0.0051	HD
DMH4	108.55	103.67	103.50	DMH5	24	16.2	0.0105	HD
DMH5	108.90	103.50	103.40	DMH5-S	24	5.6	0.0179	HD
DMH6	110.00	105.00	104.00	DMH5	18	95.0	0.0105	HD
DMH8	108.50	103.71	103.40	DMH7-S	18	30.4	0.0102	HD
DMH9	108.10	104.40	103.71	DMH8	18	136.7	0.0050	HD
GDMH-4	115.00	108.60	107.00	GDMH-3	12	315.0	0.0051	HD
GDMH-3	109.50	106.95	105.00	GDMH-2	12	340.5	0.0057	HD
GDMH-2	109.00	105.00	104.78	GDMH-1	12	42.7	0.0052	HD
GDMH-1	109.00	104.78	104.50	DMH7	12	22.0	0.0051	HD
DI #15 0	400.40	103.37	103.27	OW1	12	18.2	0.0055	HD
DMH5-S	109.10	103.20	103.10	DMH10	24	4.0	0.0250	HD
OW1	108.85	103.10	103.00	CHAMBERS	12	13.0	0.0067	HD
DI #17 C		103.37	103.27	OW2	12	10.0	0.0050	HD
DMH7-S	108.35	103.20	103.10	DMH11	18	6.0	0.0167	HD
OW2	108.35	103.10	103.00	DMH9	12	5.0	0.0200	HD
DMH9	108.45	103.00	103.00	CHAMBERS	12	6.0	0.0000	HD
DMH10	100.10	103.00	103.00	MANIFOLD	(2)24	VAR	0.0000	HDI
DMH10	109.10	103.00	103.00	CHAMBERS	12	3.0	0.0000	HDI
		103.00	103.00	MANIFOLD	24	27.0	0.0000	HDI
DMH11	108.45	103.00	103.00	CHAMBERS	12	3.0	0.0000	HDI
		103.00	102.50	DMH12	24	14.0	0.0357	HDI
DMH12	108.80	102.50	102.50	SYSTEM UNDERDRAIN	6	3.0	0.0000	НD
DMITIZ	,00.00	102.50	102,20	DMH13	24	30.0	0.0100	HD
		.02.00		J			5.5.50	
DMH13	107.90	99.90	_	EXISTING	30	-	_	R
D110		22.00						_^(

PROPOSED DRAINAGE STRUCTURES PIPE & ELEVATION SCHEDULE



#### DRAINAGE NOTES:

ALL DRAIN PIPING 10" DIA. AND GREATER TO BE HDPE SMOOTH WALL INTERIOR. ALL DRAIN PIPING UNDER 10" DIA. TO BE SDR-35.

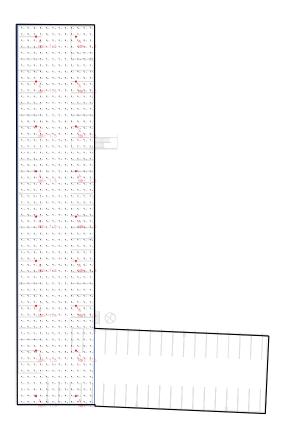


AN SINTRUM

REAL ESTATE MANAGEMENT AND DEVELOPMENT

SPECIAL PERMIT MODIFICATION SUBMISSION

# PARKING GARAGE LIGHTING LAYOUT



Luminaire	Schedule					
Symbol	Tag	Qty	Description	Label	Lum. Lumens	Arr. Watts
0	A	18	Gardco Softview	SVPG-140L-800-NW-G2-5	4153	37
<b>-</b>	В	25	Cree XSP1 Series Type III	BXSP-B-xx-3ME-A-40K	5273	51
<u> </u>	С	7	Cree XSP1 Series Type III - Two Heads	BXSP-B-xx-3ME-A-40K (2)	5273	102
+	D	10	Bega 180 Bollard	77753_180 bollard	411	10
•	F	5	Cree XSP Series Type IV	BXSPBxx4MEA40K	4946	49

#### Garage Light Type A



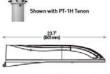
Surface / Pendant mount Top view

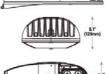




# Area Light Type B, C, F\*





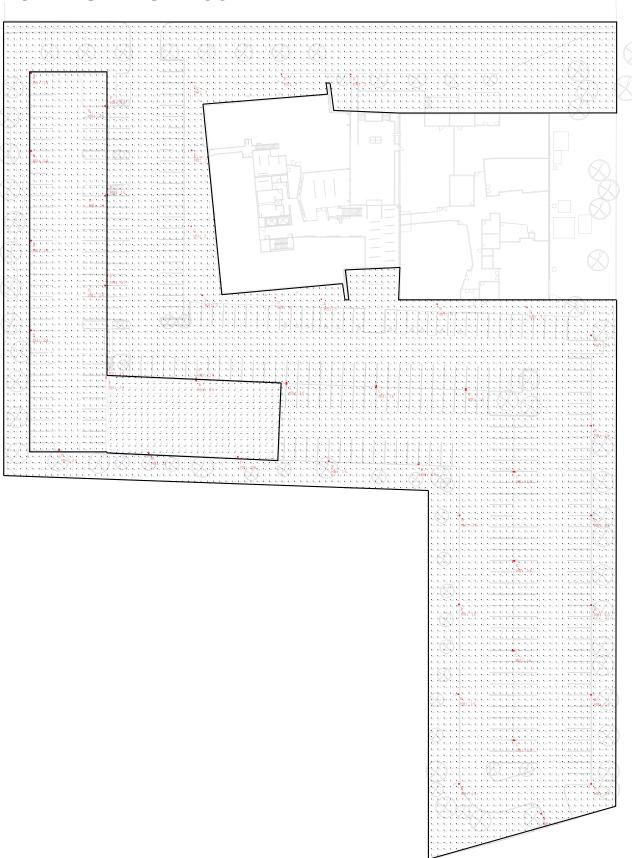


\*Type B. C. F fixtures are

#### Bollard Type D



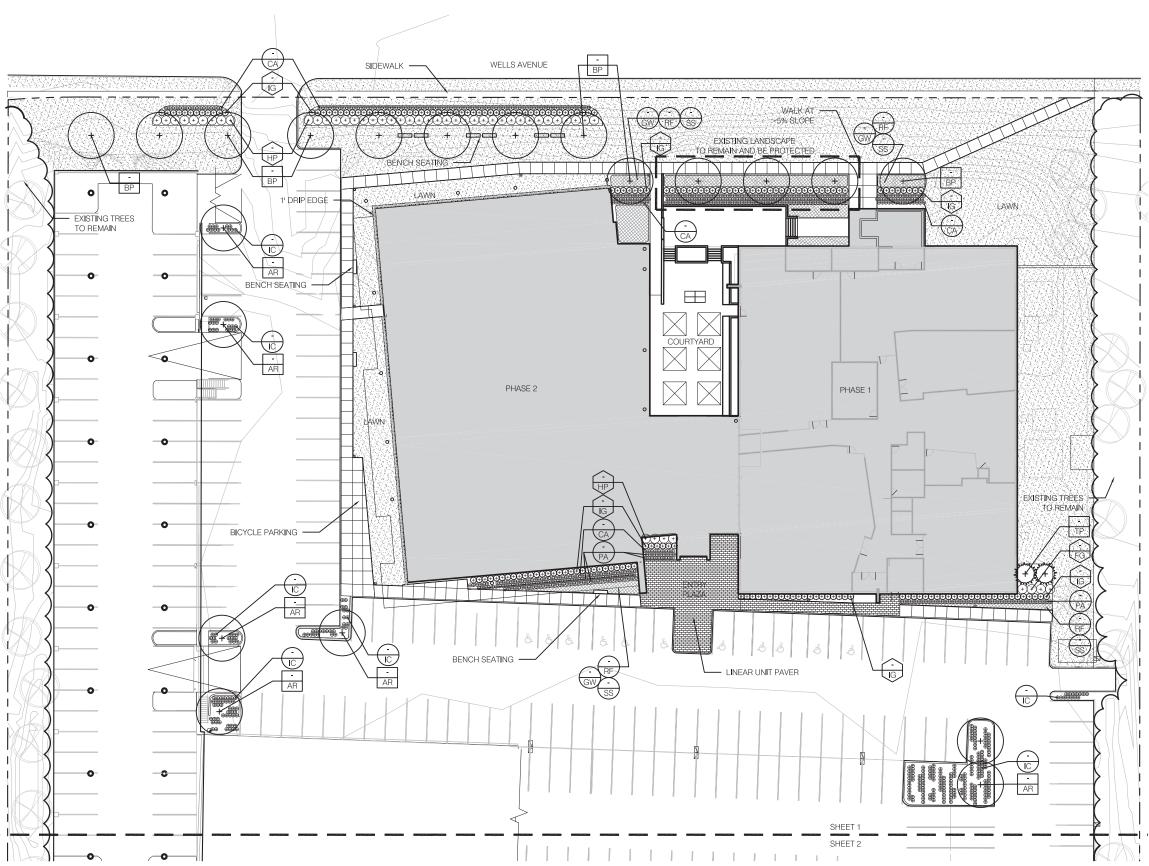
# SITE LIGHTING LAYOUT



REAL ESTATE MANAGEMENT AND DEVELOPMENT

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ELKUS MANFREDI



QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE		
TRE	ES:					
-	AR	Acer rubrum 'Columnare'	Columnar Red Maple	12-14' HT		
-	BP	Betula populifolia 'Whitespire'	Whitespire Birch	12-14' HT		
-	CJ	Cryptomeria japonica	Japanese Cryptomeria	12-14' HT		
-	TP	Thuja standishii x plicata 'Green Giant'	Green Giant Arborvitae	12-14' HT		
SHRUBS:						
-	FG	Fothergilla gardenii	Dwarf Fothergilla	#5		
-	HP	Hydrangea paniculata 'Jane'	Little Lime Hydrangea	#5		
-	IG	llex glabra 'Densa'	Densa Inkberry	#5		
PERENNIALS:						
-	GW	Geranium wallichianum 'Rozanne'	Blue Cranesbill	#1		
-	RF	Rudbeckia fulgida 'Goldstrum'	Black-Eyed Susan	#1		
-	SS	Sedum spectabilis 'Autumn Joy'	Autumn Joy Stonecrop	#1		
GR/	ASSES:					
-	CA	Calamagrostis acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	#1		
- 1	IC	Imperata cylindrica 'Red Baron'	Japanese Blood Grass	#1		
-1	PA	Pennisetum alopecuroides 'Hameln'	Hameln Dwarf Fountain Grass	#1		

NOTE: ADDITIONAL TREES/PLANINGS MAY BE ADDED ALONG SITE PERIMETER (TYPICALLY OF ACER, QUERCUS AND ULMUS SPECIES) IN ACCORDANCE WITH A TREE REMOVAL PLAN ACCEPTABLE TO THE DIVISION OF URBAN FORESTRY FOR AREAS CLEARED.

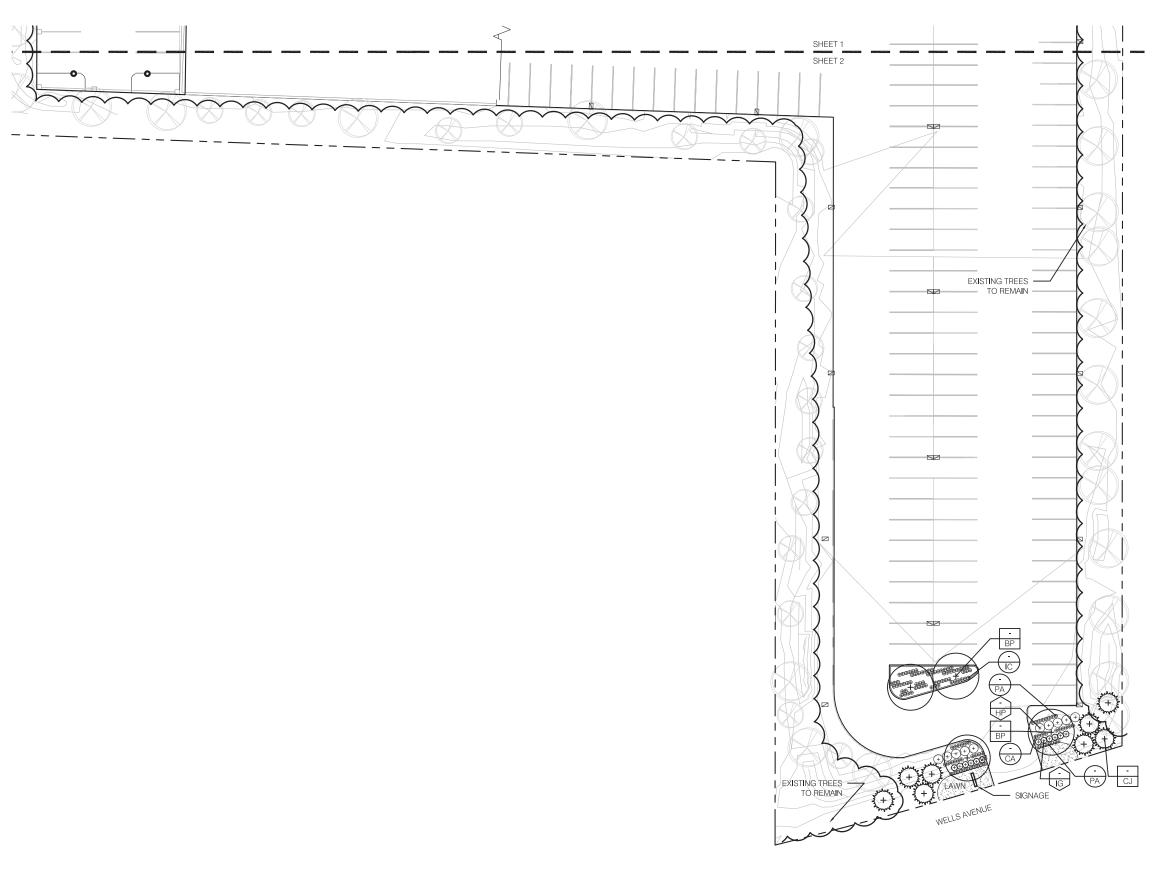
THE AGGREGATE CALIPER INCHES REMOVED WILL EITHER BE REPLACED ON SITE OR THE APPLICANT SHALL MAKE A PAYMENT INTO THE TREE PRESERVATION FUND IN ACCORDANCE WITH THE TREE ORDINANCE.





North

Scale: 1'' = 40'-0''



0T)		BOTH 110 11 1111 15	00111101111111	0.175
QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE
TRE	ES:			
-	AR	Acer rubrum 'Columnare'	Columnar Red Maple	12-14' HT
-	BP	Betula populifolia 'Whitespire'	Whitespire Birch	12-14' HT
-	CJ	Cryptomeria japonica	Japanese Cryptomeria	12-14' HT
-	TP	Thuja standishii x plicata 'Green Giant'	Green Giant Arborvitae	12-14' HT
SHF	RUBS:			
-	FG	Fothergilla gardenii	Dwarf Fothergilla	#5
-	HP	Hydrangea paniculata 'Jane'	Little Lime Hydrangea	#5
-	IG	Ilex glabra 'Densa'	Densa Inkberry	#5
PER	ENNIAL	_S:		
-	GW	Geranium wallichianum 'Rozanne'	Blue Cranesbill	#1
-	RF	Rudbeckia fulgida 'Goldstrum'	Black-Eyed Susan	#1
- 1	SS	Sedum spectabilis 'Autumn Joy'	Autumn Joy Stonecrop	#1
GR/	ASSES:			
-	CA	Calamagrostis acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	#1
- 1	IC	Imperata cylindrica 'Red Baron'	Japanese Blood Grass	#1
-	PA	Pennisetum alopecuroides 'Hameln'	Hameln Dwarf Fountain Grass	#1

NOTE: ADDITIONAL TREES/PLANINGS MAY BE ADDED ALONG SITE PERIMETER (TYPICALLY OF ACER, QUERCUS AND ULMUS SPECIES) IN ACCORDANCE WITH A TREE REMOVAL PLAN ACCEPTABLE TO THE DIVISION OF URBAN FORESTRY FOR AREAS CLEARED.

THE AGGREGATE CALIPER INCHES REMOVED WILL EITHER BE REPLACED ON SITE OR THE APPLICANT SHALL MAKE A PAYMENT INTO THE TREE PRESERVATION FUND IN ACCORDANCE WITH THE TREE ORDINANCE.





North

Scale: 1'' = 40'-0''

PAGE 17 OF 19



Acer rubrum 'Columnare' Columnar Red Maple Height: 60' Spread: 15'



Betula populifolia 'Whitespire' Whitespire Birch Height: 25'-50' Spread: 15'-25'











Cryptonmeria japonica Japanese Cryptomeria Height: 50'-60' Spread: 20'-30'





Thuja standishii x plicata 'Green Giant' Green Giant Arborvitae Height: 30'-40' Spread: 10-15'





Fothergilla gardenii Dwarf Fothergilla Height: 3'-4' Spread: 3'-4'







Ilex glabra 'Densa' Densa Inkberry Height: 6'-10' Spread: 6'-10'





Geranium wallichianum 'Rozanne' Blue Cranesbill Height: 12"-18" Spread: 24"



Rudbeckia fulgida 'Goldstrum' Black-Eyed Susan Height: 24"-36" Spread: 24"



Sedum spectabilis 'Autumn Joy' Autumn Joy Stonecrop Height: 24"-30" Spread: 24"-36"



Imperata cylindrica 'Red Baron' Japanese Blood Grass Height: 18"-20" Spread: 12"-18"



Calamagrostis acutiflora 'Karl Foerster' Karl Foerster Feather Reed Grass Height: 36"-60" Spread: 24"



Pennisetum alopecuroides 'Hameln' Hameln Dwarf Fountain Grass Height: 24"-36" Spread: 24"-30"

