



City of Madison Fire Department

314 W Dayton Street, Madison, WI 53703-2506
Phone: 608-266-4420 • Fax: 608-267-1100 • E-mail: fire@cityofmadison.com

Project Address:

Contact Name & Phone #:

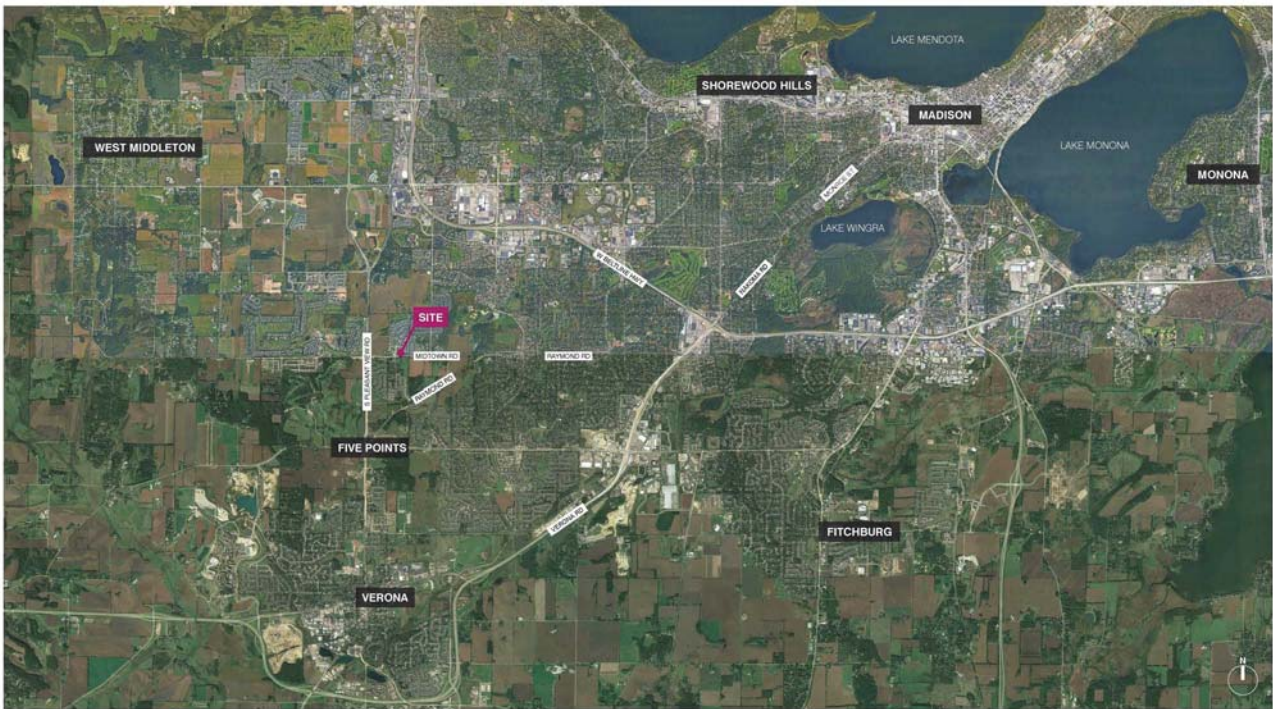
FIRE APPARATUS ACCESS AND FIRE HYDRANT WORKSHEET

1. Is the building completely protected by an NFPA 13 or 13R automatic fire sprinkler system?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
If non-sprinklered , fire lanes extend to within 150-feet of all portions of the exterior wall?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
If sprinklered , fire lanes are within 250-feet of all portions of the exterior wall?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
2. Is the fire lane constructed of concrete or asphalt, designed to support a minimum load of 85,000 lbs?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
a) Is the fire lane a minimum unobstructed width of at least 20-feet?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
b) Is the fire lane unobstructed with a vertical clearance of at least 13½-feet?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
c) Is the minimum inside turning radius of the fire lane at least 28-feet?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
d) Is the grade of the fire lane not more than a slope of 8%?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
e) Is the fire lane posted as fire lane? (Provide detail of signage.)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
f) Is a roll-able curb used as part of the fire lane? (Provide detail of curb.)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
g) Is part of a sidewalk used as part of the required fire lane? (Must support +85,000 lbs.)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
3. Is the fire lane obstructed by security gates or barricades? If yes:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
a) Is the gate a minimum of 20-feet clear opening?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
b) Is an approved means of emergency operations installed, key vault, padlock or key switch?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
4. Is the Fire lane dead-ended with a length greater than 150-feet?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
If yes, does the area for turning around fire apparatus comply with IFC D103?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
5. Is any portion of the building to be used for high-piled storage in accordance with IFC Chapter 3206.6	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
If yes, see IFC 3206.6 for further requirements.			
6. Is any part of the building <u>greater than 30-feet</u> above the grade plane?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
If yes, answer the following questions:			
a) Is the aerial apparatus fire lane parallel to one entire side of the building and covering at least 25% of the perimeter?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
b) Is the near edge of the aerial apparatus fire lane between 15' and 30' from the building?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
c) Are there any overhead power or utility lines located across the aerial apparatus fire lane?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
d) Are there any tree canopies expected to grow across the aerial fire lane? (Based on mature canopy width of tree species)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
e) Does the aerial apparatus fire lane have a minimum unobstructed width of 26-feet?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
f) Is the space between the aerial lane and the building free of trees exceeding 20' in heights?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
7. Are all portions of the required fire lanes within 500-feet of at least (2) hydrants?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
<i>Note: Distances shall be measured along the path of the hose lay as it comes off the fire apparatus.</i>			
a) Is the fire lane at least 26' wide for at least 20-feet on each side of the hydrants?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
b) Is there at least 40' between a hydrant and the building?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
c) Are the hydrant(s) setback no less than 5-feet nor more than 10-feet from the curb or edge of the street or fire lane?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
d) Are hydrants located in parking lot islands a minimum of 3½-feet from the hydrant to the curb?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
e) Are there no obstructions, including but not limited to: power poles, trees, bushes, fences, posts located, or grade changes exceeding 1½-feet, within 5-feet of a fire hydrant?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
<i>Note: Hydrants shall be installed and in-service prior to combustible construction on the project site.</i>			

Attach an additional sheet if further explanation is required for any answers.

This worksheet is based on **MGO 34.503** and **IFC 2015 Edition Chapter 5 and Appendix D**; please see the codes for further information.

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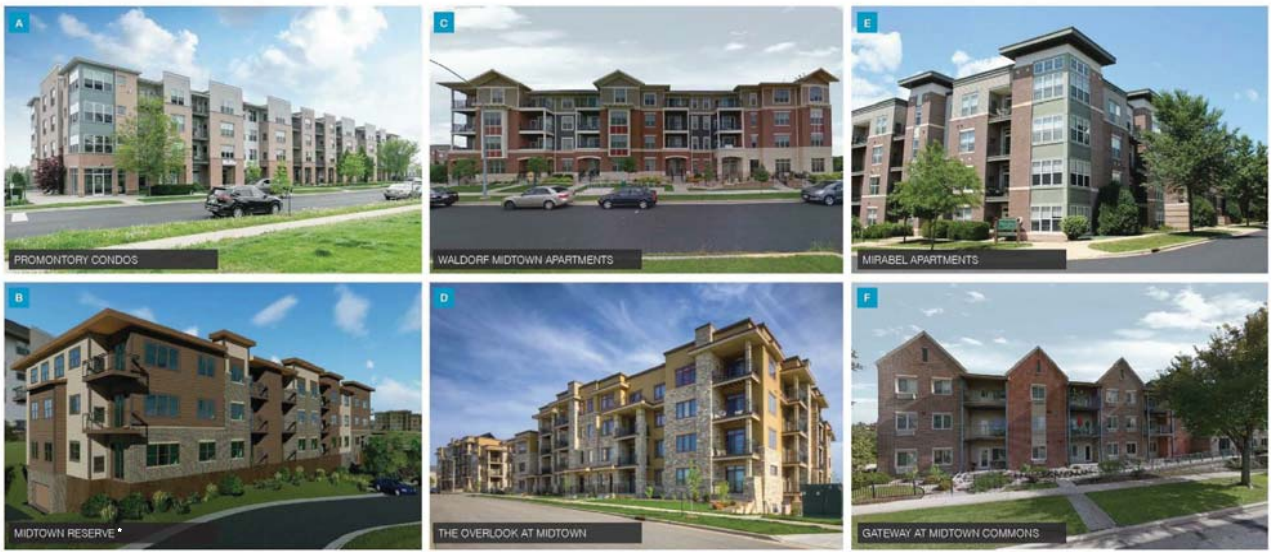
SITE LOCATOR MAP



VICINITY MAP



SITE CONTEXT



EXISTING CONTEXT

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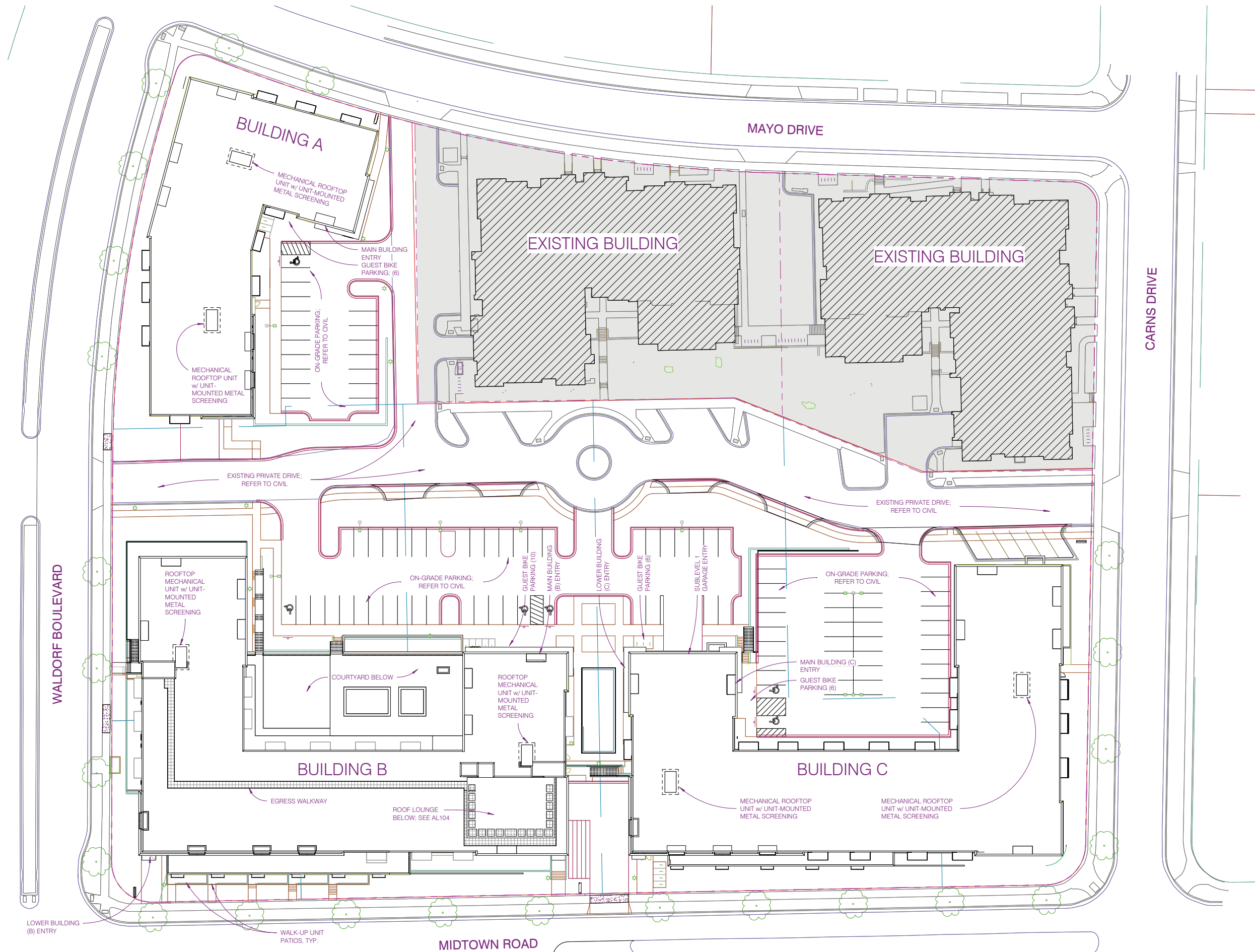
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LOCATOR MAP &
CONTEXTUAL SITE
INFORMATION

AL000A

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1 ARCHITECTURAL SITE PLAN - OVERALL
AL001 1" = 30'-0"

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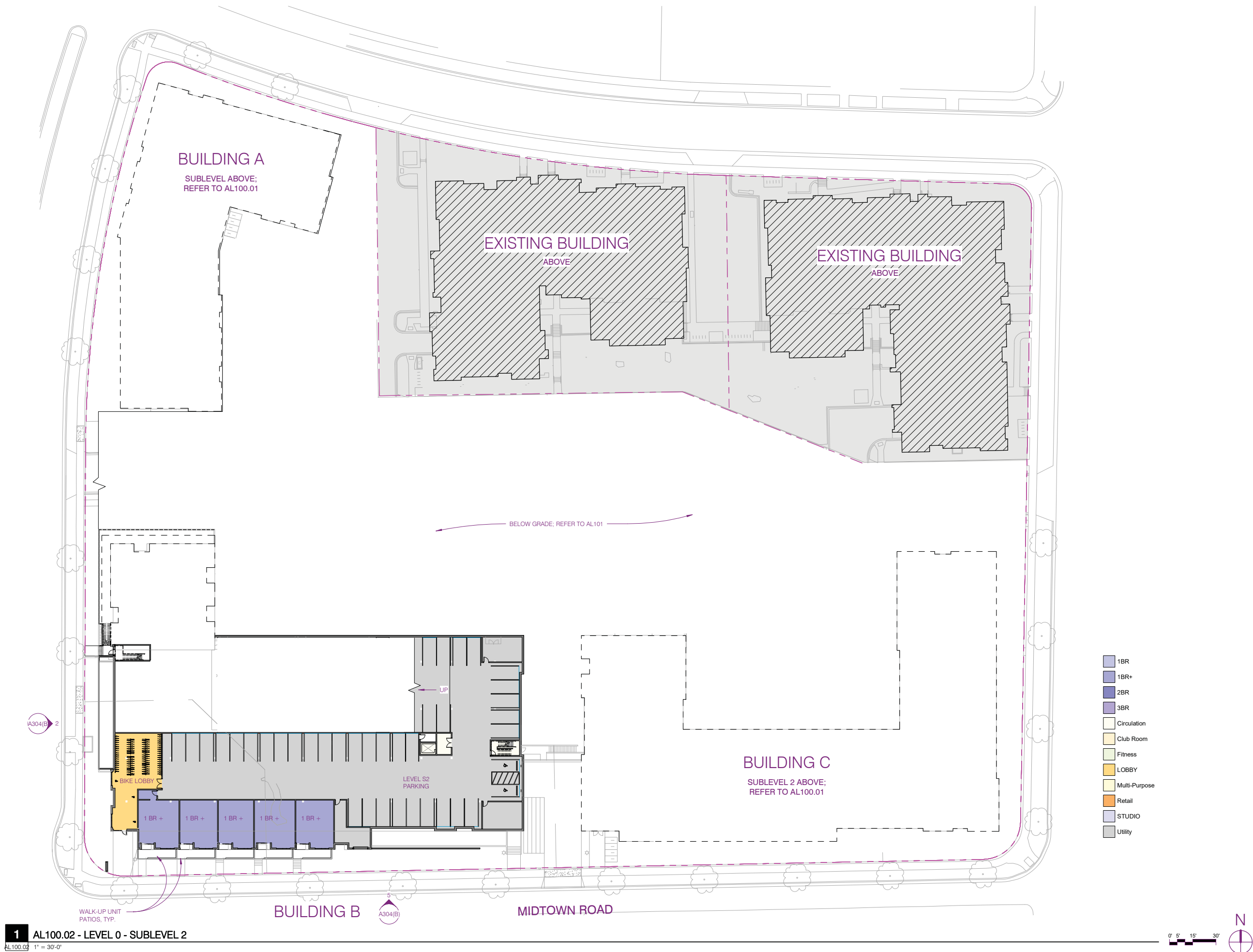
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ARCHITECTURAL
LANDSCAPE PLAN
- AREA/ROOF
PLAN

AL001

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1 AL100.02 - LEVEL 0 - SUBLEVEL 2
AL100.02 1" = 30'-0"

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OVERALL PLAN -
'SUBLEVEL 2'

AL100.02

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1 AL100.01- LEVEL 0 - SUBLEVEL 1

AL100.01 1" = 30'-0"

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OVERALL PLAN -
'SUBLEVEL 1'

AL100.01

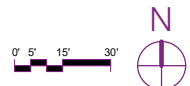
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1 AL101 - LEVEL 1
AL101 1" = 30'-0"

- 1BR
- 1BR+
- 2BR
- 3BR
- Circulation
- Club Room
- Fitness
- LOBBY
- Multi-Purpose
- Retail
- STUDIO
- Utility

NOTE:
DUE TO SITE GRADES, THIS
PLAN REPRESENTS SUBLEVEL 1
OF BUILDING C



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OVERALL PLAN -
'LEVEL 1'

AL101

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1 AL102 - LEVEL 2
AL102 1" = 30'-0"



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OVERALL PLAN -
'LEVEL 2'

AL102

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1 AL103 - LEVEL 3
AL103 1" = 30'-0"

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OVERALL PLAN -
'LEVEL 3'

AL103

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AL104 - LEVEL 4 (BLDG A_LEVEL 4)

AL104 1" = 30'-0"



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**OVERALL PLAN -
'LEVEL 4'**

AL104

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GENERAL EXTERIOR NOTES:

1. REFER TO G005 AND G006 FOR ADDITIONAL EXTERIOR MATERIAL KEYNOTE INFORMATION
2. REFER TO SPECIFICATION FOR DETAILED EXTERIOR MATERIAL INFORMATION

KEYNOTES:

- E1a BRICK - 1/3 RB NORMAN - COLOR: BUFF; COLORED MORTAR
E3b FIBER CEMENT FLAT PANEL SIDING - WHITE PAINT
E5 PREFINISHED MECHANICAL LOUVER
E7 FIBERGLASS/COMPOSITE WINDOW - COLOR: BLACK
E8 ALUMINUM HUNG BALCONY WITH GLASS RAILINGS
E9 MAGIC PAK LOUVER; CUSTOM COLOR METAL LOUVER TO MATCH ADJACENT MATERIAL
E10 COMPOSITE METAL PANEL CANOPY; COLOR TBD
E13 OVERHEAD GARAGE DOOR; COLOR: CHARCOAL
E14 ANODIZED ALUMINUM STOREFRONT; COLOR BLACK
E15 METAL PARAPET CAP; COLOR BLACK
E16 METAL PARAPET CAP w/ 2-PART FRONT LEG; COLOR BLACK
E17 FIBERGLASS SLIDING PATIO DOOR, 8'-0\"/>

2 BUILDING A - WEST ELEVATION 2

A301(A) 3/32\"/>



1 BUILDING A - WEST ELEVATION 1

A301(A) 3/32\"/>

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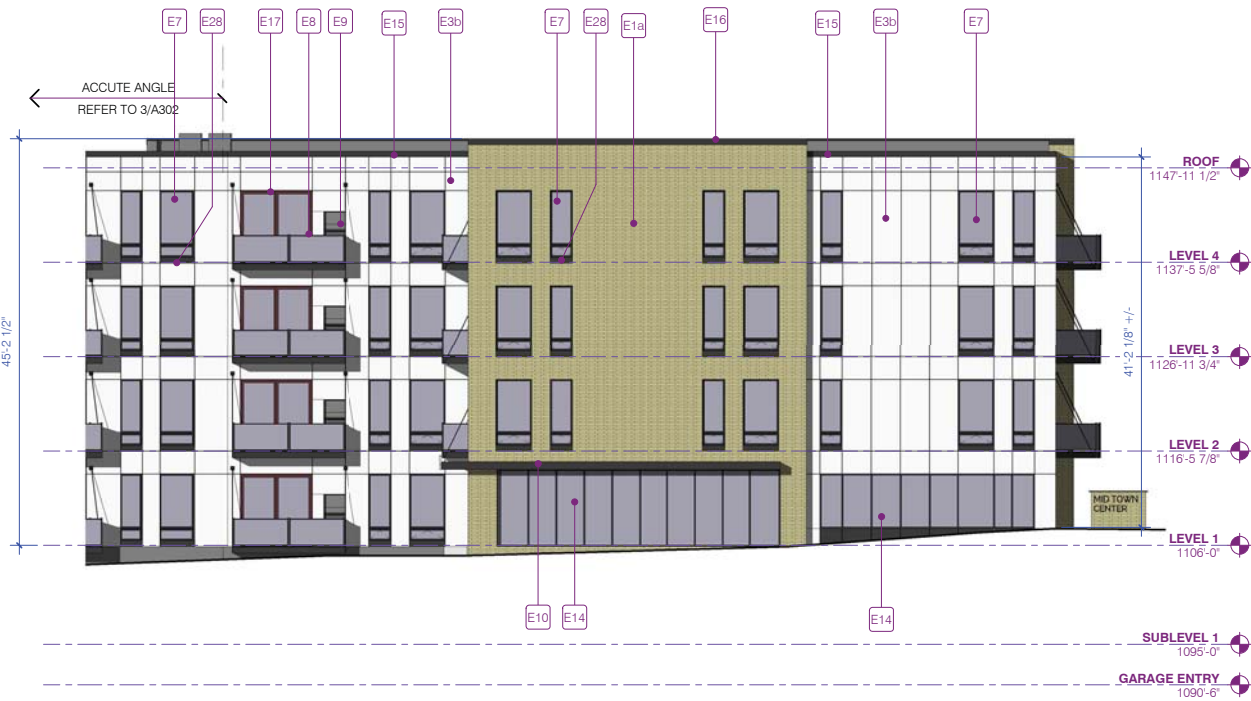
BUILDING A
ELEVATIONS

A301(A)

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3 BUILDING A - MAIN ENTRY ELEVATION
A302(A) 3/32" = 1'-0"



2 BUILDING A - EAST ELEVATION
A302(A) 3/32" = 1'-0"



1 BUILDING A - NORTH ELEVATION
A302(A) 3/32" = 1'-0"

GENERAL EXTERIOR NOTES:

1. REFER TO G005 AND G006 FOR ADDITIONAL EXTERIOR MATERIAL KEYNOTE INFORMATION
2. REFER TO SPECIFICATION FOR DETAILED EXTERIOR MATERIAL INFORMATION

KEYNOTES:

- | | |
|-----|--|
| E1a | BRICK - 1/3 RB NORMAN - COLOR: BUFF; COLORED MORTAR |
| E3b | FIBER CEMENT FLAT PANEL SIDING - WHITE PAINT |
| E7 | FIBERGLASS/COMPOSITE WINDOW - COLOR: BLACK |
| E8 | ALUMINUM HUNG BALCONY WITH GLASS RAILINGS |
| E9 | MAGIC PAK LOUVER; CUSTOM COLOR METAL LOUVER TO MATCH ADJACENT MATERIAL |
| E10 | COMPOSITE METAL PANEL CANOPY; COLOR TBD |
| E14 | ANODIZED ALUMINUM STOREFRONT; COLOR BLACK |
| E15 | METAL PARAPET CAP; COLOR BLACK |
| E16 | METAL PARAPET CAP w/ 2-PART FRONT LEG; COLOR BLACK |
| E17 | FIBERGLASS SLIDING PATIO DOOR, 8'-0" X 8'-0"; COLOR BLACK |
| E18 | INSULATED HOLLOW METAL DOOR; PAINT TO MATCH ADJACENT MATERIAL |
| E28 | BREAK-METAL REVEAL TO MATCH WINDOW |

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Building A

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**BUILDING A
ELEVATIONS**

A302(A)

2/27/2020 3: C:\Revit Project Files\19-0028 - Madison Midtown\19-0028 A20_BLDG A.dwg A20_BLDG A.dwg



2 BUILDING A - SOUTH ELEVATION

A303(A) 3/32" = 1'-0"



1 BUILDING A - EAST ELEVATION / COURTYARD

A303(A) 3/32" = 1'-0"

GENERAL EXTERIOR NOTES:

1. REFER TO G005 AND G006 FOR ADDITIONAL EXTERIOR MATERIAL KEYNOTE INFORMATION
2. REFER TO SPECIFICAION FOR DETAILED EXTERIOR MATERIAL INFORMATION

KEYNOTES:

- E1a BRICK - 1/3 RB NORMAN - COLOR: BUFF; COLORED MORTAR
- E3b FIBER CEMENT FLAT PANEL SIDING - WHITE PAINT
- E7 FIBERGLASS/COMPOSITE WINDOW - COLOR: BLACK
- E8 ALUMINUM HUNG BALCONY WITH GLASS RAILINGS
- E9 MAGIC PAK LOUVER; CUSTOM COLOR METAL LOUVER TO MATCH ADJACENT MATERIAL
- E13 OVERHEAD GARAGE DOOR; COLOR: CHARCOAL
- E15 METAL PARAPET CAP; COLOR BLACK
- E16 METAL PARAPET CAP w/ 2-PART FRONT LEG; COLOR BLACK
- E17 FIBERGLASS SLIDING PATIO DOOR, 8'-0" X 8'-0"; COLOR BLACK
- E28 BREAK-METAL REVEAL TO MATCH WINDOW

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BUILDING A
ELEVATIONS

A303(A)

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GENERAL EXTERIOR NOTES:

-
-

KEYNOTES:

- E1a BRICK - 1/3 RB NORMAN - COLOR: BUFF; COLORED MORTAR
E1b EXTERIOR FINISH COLORED CONCRETE WITH FORM LINER - COLOR: GRAY
E2 INTEGRAL-COLOR STUCCO SYSTEM; COLOR TBD
E2a STUCCO ACCENT JOINT
E3b FIBER CEMENT FLAT PANEL SIDING - WHITE PAINT
E3c FIBER CEMENT FLAT PANEL SIDING - DARK GRAY PAINT
E7 FIBERGLASS/COMPOSITE WINDOW - COLOR: BLACK
E8 ALUMINUM HUNG BALCONY WITH GLASS RAILINGS
E9 MAGIC PAK LOUVER; CUSTOM COLOR METAL LOUVER TO MATCH ADJACENT MATERIAL
E10 COMPOSITE METAL PANEL CANOPY; COLOR TBD
E14 ANODIZED ALUMINUM STOREFRONT; COLOR BLACK
E16 METAL PARAPET CAP w/ 2-PART FRONT LEG; COLOR BLACK
E17 FIBERGLASS SLIDING PATIO DOOR, 8'-0" X 8'-0"; COLOR BLACK
E18 INSULATED HOLLOW METAL DOOR; PAINT TO MATCH ADJACENT MATERIAL
E23 CAST-IN-PLACE CONCRETE SITE STAIRS; REFER TO CIVIL/LANDSCAPE
E27 SURFACE-MOUNTED GREENSCREEN PANEL; REFER TO LANDSCAPE
E28 BREAK-METAL REVEAL TO MATCH WINDOW
E29 CAST-IN-PLACE CONCRETE RETAINING WALL; REFER TO CIVIL

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BUILDING B
ELEVATIONS

A304(B)



2 BUILDING B WEST ELEVATION

A304(B) 3/32" = 1'-0"



5 BUILDING B SOUTH ELEVATION

A304(B) 3/32" = 1'-0"

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1 BUILDING B - NORTH ELEVATION

A305(B) 3/32" = 1'-0"



2 BUILDING B - COURTYARD EAST

A305(B) 3/32" = 1'-0"

3 BUILDING B - COURTYARD WEST

A305(B) 3/32" = 1'-0"

KEYNOTES:

- E1a BRICK - 1/3 RB NORMAN - COLOR: BUFF; COLORED MORTAR
- E1b EXTERIOR FINISH COLORED CONCRETE WITH FORM LINER - COLOR: GRAY
- E3b FIBER CEMENT FLAT PANEL SIDING - WHITE PAINT
- E3c FIBER CEMENT FLAT PANEL SIDING - DARK GRAY PAINT
- E7 FIBERGLASS/COMPOSITE WINDOW - COLOR: BLACK
- E8 ALUMINUM HUNG BALCONY WITH GLASS RAILINGS
- E9 MAGIC PAK LOUVER; CUSTOM COLOR METAL LOUVER TO MATCH ADJACENT MATERIAL
- E10 COMPOSITE METAL PANEL CANOPY; COLOR TBD
- E11 ALUMINUM BUILDING SIGNAGE; FACE MOUNTED TO ENTRY STRUCTURE
- E14 ANODIZED ALUMINUM STOREFRONT; COLOR BLACK
- E15 METAL PARAPET CAP; COLOR BLACK
- E16 METAL PARAPET CAP w/ 2-PART FRONT LEG; COLOR BLACK
- E17 FIBERGLASS SLIDING PATIO DOOR, 8'-0" X 8'-0", COLOR BLACK
- E18 INSULATED HOLLOW METAL DOOR; PAINT TO MATCH ADJACENT MATERIAL
- E22 GALVANIZED & POWDER-COATED METAL GUARDRAIL SYSTEM; COLOR BLACK
- E23 CAST-IN-PLACE CONCRETE SITE STAIRS; REFER TO CIVIL/LANDSCAPE
- E28 BREAK-METAL REVEAL TO MATCH WINDOW

GENERAL EXTERIOR NOTES:

-
-

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BUILDING B
ELEVATIONS

A305(B)

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GENERAL EXTERIOR NOTES:

1. -
2. --

KEYNOTES:

- E1a

BRICK - 1/3 RB NORMAN - COLOR: BUFF; COLORED MORTAR
- E1b

EXTERIOR FINISH COLORED CONCRETE WITH FORM LINER - COLOR: GRAY
- E2

INTEGRAL-COLOR STUCCO SYSTEM; COLOR TBD
- E2a

STUCCO ACCENT JOINT
- E3b

FIBER CEMENT FLAT PANEL SIDING - WHITE PAINT
- E3c

FIBER CEMENT FLAT PANEL SIDING - DARK GRAY PAINT
- E7

FIBERGLASS/COMPOSITE WINDOW - COLOR: BLACK
- E8

ALUMINUM HUNG BALCONY WITH GLASS RAILINGS
- E9

MAGIC PAK LOUVER; CUSTOM COLOR METAL LOUVER TO MATCH ADJACENT MATERIAL
- E10

COMPOSITE METAL PANEL CANOPY; COLOR TBD
- E11

ALUMINUM BUILDING SIGNAGE; FACE MOUNTED TO ENTRY STRUCTURE
- E13

OVERHEAD GARAGE DOOR; COLOR: CHARCOAL
- E14

ANODIZED ALUMINUM STOREFRONT; COLOR BLACK
- E15

METAL PARAPET CAP; COLOR BLACK
- E16

METAL PARAPET CAP w/ 2-PART FRONT LEG; COLOR BLACK
- E17

FIBERGLASS SLIDING PATIO DOOR, 8'-0" X 8'-0"; COLOR BLACK
- E18

INSULATED HOLLOW METAL DOOR; PAINT TO MATCH ADJACENT MATERIAL
- E22

GALVANIZED & POWDER-COATED METAL GUARDRAIL SYSTEM; COLOR BLACK
- E23

CAST-IN-PLACE CONCRETE SITE STAIRS; REFER TO CIVIL/LANDSCAPE
- E27

SURFACE-MOUNTED GREENSCREEN PANEL; REFER TO LANDSCAPE
- E28

BREAK-METAL REVEAL TO MATCH WINDOW
- E29

CAST-IN-PLACE CONCRETE RETAINING WALL; REFER TO CIVIL



1 BUILDING B - EAST ELEVATION
A306(B) 3/32" = 1'-0"

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Midtown Center -
Building B

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LAND USE APPLICATION
01.08.2020
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01.08.2020

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DATE

PROJECT #

PHASE

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CHECKED BY

01/08/2020

19-0028

CONCEPT

DP5L

Checker

BUILDING B
ELEVATIONS

A306(B)

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GENERAL EXTERIOR NOTES:

1. -
2. REFER TO SPECIFICATION FOR DETAILED EXTERIOR MATERIAL INFORMATION

KEYNOTES:

- E1a BRICK - 1/3 RB NORMAN - COLOR: BUFF; COLORED MORTAR
E1b EXTERIOR FINISH COLORED CONCRETE WITH FORM LINER - COLOR: GRAY
E2 INTEGRAL-COLOR STUCCO SYSTEM; COLOR TBD
E2a STUCCO ACCENT JOINT
E3b FIBER CEMENT FLAT PANEL SIDING - WHITE PAINT
E5 PREFINISHED MECHANICAL LOUVER
E7 FIBERGLASS/COMPOSITE WINDOW - COLOR: BLACK
E8 ALUMINUM HUNG BALCONY WITH GLASS RAILINGS
E9 MAGIC PAK LOUVER; CUSTOM COLOR METAL LOUVER TO MATCH ADJACENT MATERIAL
E10 COMPOSITE METAL PANEL CANOPY; COLOR TBD
E13 OVERHEAD GARAGE DOOR; COLOR: CHARCOAL
E14 ANODIZED ALUMINUM STOREFRONT; COLOR BLACK
E15 METAL PARAPET CAP; COLOR BLACK
E16 METAL PARAPET CAP w/ 2-PART FRONT LEG; COLOR BLACK
E17 FIBERGLASS SLIDING PATIO DOOR, 8'-0" X 8'-0"; COLOR BLACK
E18 INSULATED HOLLOW METAL DOOR; PAINT TO MATCH ADJACENT MATERIAL
E22 GALVANIZED & POWDER-COATED METAL GUARDRAIL SYSTEM; COLOR BLACK
E23 CAST-IN-PLACE CONCRETE SITE STAIRS; REFER TO CIVIL/LANDSCAPE
E28 BREAK-METAL REVEAL TO MATCH WINDOW

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BUILDING C
ELEVATIONS

A307(C)



2 BUILDING C - WEST ELEVATION

A307(C) 3/32\"/>



1 BUILDING C - SOUTH ELEVATION

A307(C) 3/32\"/>

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KEYNOTES:

- E1a BRICK - 1/3 RB NORMAN - COLOR: BUFF; COLORED MORTAR
E3b FIBER CEMENT FLAT PANEL SIDING - WHITE PAINT
E7 FIBERGLASS/COMPOSITE WINDOW - COLOR: BLACK
E8 ALUMINUM HUNG BALCONY WITH GLASS RAILINGS
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E14 ANODIZED ALUMINUM STOREFRONT; COLOR BLACK
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E16 METAL PARAPET CAP w/ 2-PART FRONT LEG; COLOR BLACK
E17 FIBERGLASS SLIDING PATIO DOOR, 8'-0" X 8'-0"; COLOR BLACK
E22 GALVANIZED & POWDER-COATED METAL GUARDRAIL SYSTEM; COLOR BLACK
E23 CAST-IN-PLACE CONCRETE SITE STAIRS; REFER TO CIVIL/LANDSCAPE
E28 BREAK-METAL REVEAL TO MATCH WINDOW

GENERAL EXTERIOR NOTES:

1. -
2. REFER TO SPECIFICATION FOR DETAILED EXTERIOR MATERIAL INFORMATION



3 BUILDING C - COURTYARD EAST

A308(C) 3/32" = 1'-0"



2 BUILDING C - COURTYARD WEST

A308(C) 3/32" = 1'-0"



1 BUILDING C - NORTH ELEVATION

A308(C) 3/32" = 1'-0"

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Building C

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**BUILDING C
ELEVATIONS**

A308(C)

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GENERAL EXTERIOR NOTES:

1.
-
2.
- REFER TO SPECIFICATION FOR DETAILED EXTERIOR MATERIAL INFORMATION

KEYNOTES:

- E1a
- BRICK - 1/3 RB NORMAN - COLOR: BUFF; COLORED MORTAR
- E1b
- EXTERIOR FINISH COLORED CONCRETE WITH FORM LINER - COLOR: GRAY
- E2
- INTEGRAL-COLOR STUCCO SYSTEM; COLOR TBD
- E2a
- STUCCO ACCENT JOINT
- E3b
- FIBER CEMENT FLAT PANEL SIDING - WHITE PAINT
- E5
- PREFINISHED MECHANICAL LOUVER
- E7
- FIBERGLASS/COMPOSITE WINDOW - COLOR: BLACK
- E8
- ALUMINUM HUNG BALCONY WITH GLASS RAILINGS
- E9
- MAGIC PAK LOUVER; CUSTOM COLOR METAL LOUVER TO MATCH ADJACENT MATERIAL
- E10
- COMPOSITE METAL PANEL CANOPY; COLOR TBD
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- E28
- BREAK-METAL REVEAL TO MATCH WINDOW



1 BUILDING C - EAST ELEVATION
A309(C) 3/32" = 1'-0"

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Midtown Center-
Building C

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BUILDING C
ELEVATIONS

A309(C)

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BUILDING B FROM CORNER OF MIDTOWN ROAD & WALDORF BOULEVARD



BUILDING B ROOF DECK & BUILDING B/C DOG RUN



BUILDING A @ CORNER OF MAYO DRIVE & WALDORF BOULEVARD



VIEW INTO SITE @ BUILDING A - FROM MAYO DRIVE



BUILDING A - INSIDE CORNER



FULL SITE BUILDOUT - WITH NEIGHBORHOOD CONTEXT

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Midtown Center -
Building B

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BUILDING
PERSPECTIVE
VIEWS

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BUILDING C @ CORNER OF MIDTOWN ROAD & CARNS DRIVE



VIEW INTO SITE @ BUILDING C FROM CARNS DRIVE



VIEW FROM NORTH - BUILDING B / C LINK



BUILDING B AMENITY DECK



VIEW INTO SITE @ BUILDING B FROM WALDORF BOULEVARD

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Midtown Center -
Building B

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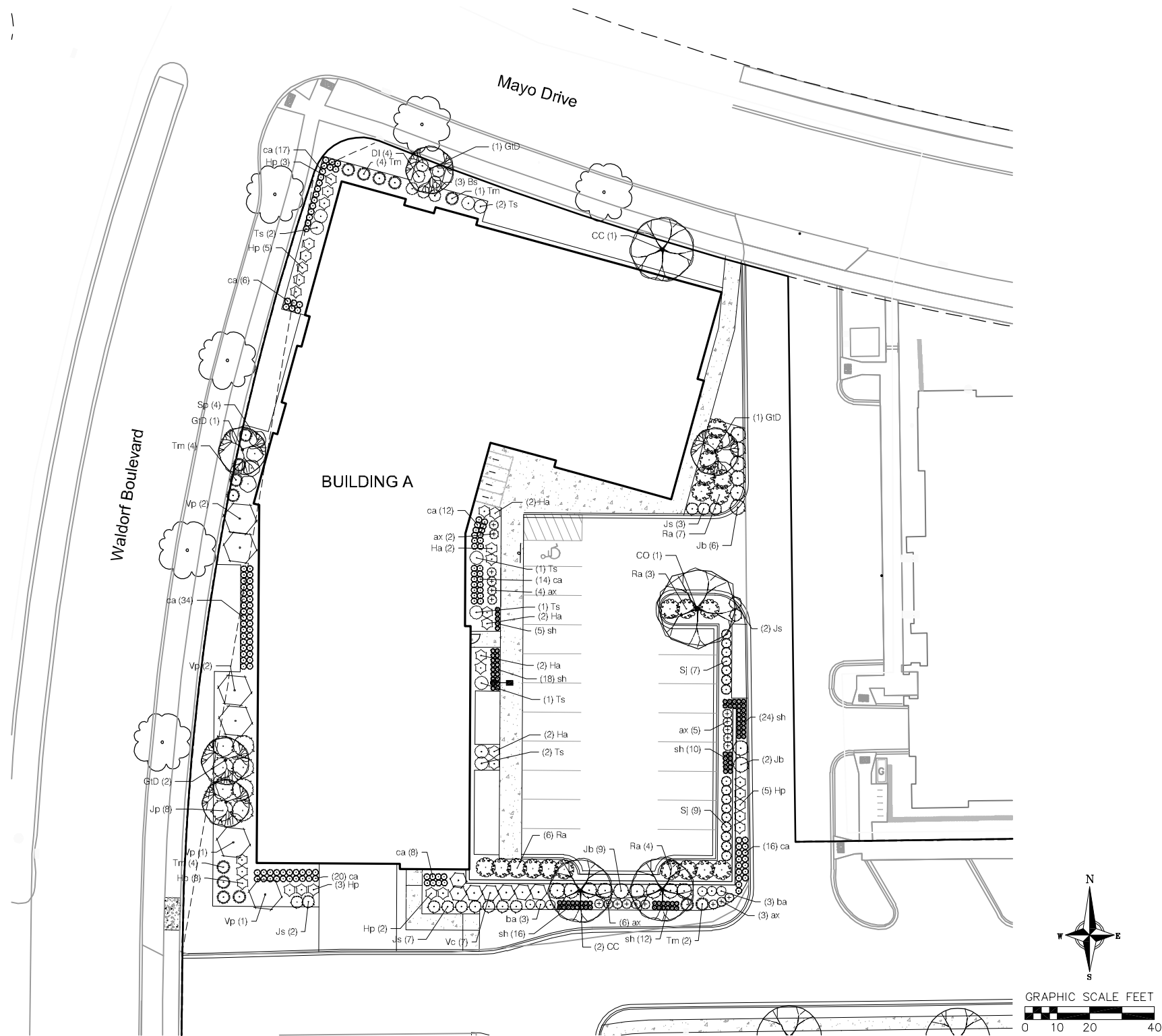
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BUILDING
PERSPECTIVE
VIEWS

A355



PLANT SCHEDULE BUILDING A

<u>DECIDUOUS TREES</u>		<u>BOTANICAL / COMMON NAME</u>	<u>CONT</u>	<u>CAL</u>	<u>QTY</u>
CO		Celtis occidentalis / Common Hackberry	B & B	2 1/2" Cal	1
GD		Gleditsia triacanthos "Draves" / Street Keeper Honey Locust	B & B	2.5" Cal	1
<u>UNDERSTORY TREES</u>		<u>BOTANICAL / COMMON NAME</u>	<u>CONT</u>	<u>CAL</u>	<u>QTY</u>
CC		Carpinus caroliniana / American Hornbeam	B & B	2 1/2" Cal	3
<u>DECIDUOUS SHRUBS</u>		<u>BOTANICAL / COMMON NAME</u>	<u>SIZE</u>	<u>FIELD2</u>	<u>QTY</u>
DI		Diervilla lonicera / Dwarf Bush Honeysuckle	3 gal	Cont	4
Ha		Hydrangea arborescens "Annabelle" / Annabelle Smooth Hydrangea	5 gal	Cont	10
Hp		Hydrangea paniculata "Jane" / Little Lime Hydrangea	5 gal	Cont	21
Ra		Rhus aromatica "Gro-Low" / Gro-Low Fragrant Sumac	3 gal	Cont	20
SJ		Spiraea japonica "Magic Carpet" / Magic Carpet Spirea	3 gal	Cont	16
Sy		Syringa patula "Miss Kim" / Miss Kim Lilac	7 gal	Cont	4
Vc		Viburnum cassinoides / Viburnum	5 gal	Cont	7
Vp		Viburnum prunifolium "Forest Rouge" / Blackhaw Viburnum	10 gal	Cont	6
<u>EVERGREEN SHRUBS</u>		<u>BOTANICAL / COMMON NAME</u>	<u>SIZE</u>	<u>FIELD2</u>	<u>QTY</u>
Bs		Buxus sinica Insularis "Wintergreen" / Wintergreen Korean Littleleaf Boxwood	5 gal	Cont	3
Jp		Juniperus chinensis "Pfitzerana Kallays Compacta" / Kallay Pfitzer Compact Juniper	5 gal	Cont	8
Jb		Juniperus sabina "Blue Forest" / Blue Forest Juniper	5 gal	Cont	14
Js		Juniperus sabina "Buffalo" / Buffalo Juniper	5 gal	Cont	17
Tm		Taxus x media "Evelrow" / Yew	5 gal	Cont	15
Ts		Thuja occidentalis "Smaragd" / Emerald Green Arborvitae	15 gal	Cont	9
<u>PERENNIALS</u>		<u>BOTANICAL / COMMON NAME</u>	<u>SIZE</u>	<u>FIELD2</u>	<u>QTY</u>
ax		Amsonia x "Blue Ice" / Blue Ice Bluestar	4 1/4" pot	Cont	20
ba		Baptisia australis / Blue Wild Indigo	4 1/4" pot	Cont	6
ca		Calamagrostis x acutiflora "Karl Foerster" / Feather Reed Grass	4 1/4" pot	Cont	127
sh		Sporobolus heterolepis / Prairie Dropseed	4 1/4" pot	Cont	85

City of Madison Landscape Worksheet													
Address:		Midtown Center Building A		Date:		02.28.2020							
Total Square Footage of Developed Area:			(Site Area)	35655	-	(Building Footprint at Grade)		17113	=	18542	sf		
Total Landscape Points Required (<5 ac):			18,542	/ 300 =	62	x 5 =	309	309					
Landscape Points Required >5 ac:			0	/ 100 =	0	x 1 =	-						
			Credits/ Existing Landscaping			New/ Proposed Landscaping							
Plant Type/ Element		Min. Size at Installation	Points	Quantity	Points Achieved	Quantity	Points Achieved						
Overstory deciduous tree		2.5" cal	35	6	210		0						
Tall Evergreen Tree		5-6 feet tall	35		0		0						
Ornamental tree		1.5" cal	15	3	45		0						
Upright evergreen shrub		3-4 feet tall	10	9	90		0						
Shrub, deciduous		#3 gallon container size, Min. 12-24"	3	88	264		0						
Shrub, evergreen		#3 gallon container size, Min. 12-24"	4	57	228		0						
Ornamental grasses/perennials		#3 gallon container size, Min. 8-18"	2		0		0						
Ornamental/decorative fencing or wall		n/a	4 per 10 LF		0		0						
Existing significant specimen tree		Min. Size 2.5" cal. Trees must be within developed area and cannot comprise more than 30% of total required points.	14 per caliper inch, Max. points per tree: 200		0		0						
Landscape Furniture for public seating and/or transit connections		Furniture must be within developed area, publicly accessible, and cannot comprise more than 5% of total required points	5 points per "seat"		0		0						
Sub Totals					837		0						
				Total Points Provided:		837							

GENERAL NOTES:

1. All plantings shall conform to quality requirements as per ANSI Z601.1.
2. All plant material shall be true to the species, variety and size specified, nursery grown in accordance with good horticultural practices, and under climactic conditions similar to those of the project site.
3. Contact Landscape Architect, in writing, to request and plant material substitutions due to availability issues.
4. All disturbed areas, unless otherwise noted, to be seeded with Madison Parks Mix by LaCrosse Seed Company or equivalent, per manufacturer's specified application rates. All seeded areas are to be watered daily to maintain adequate soil moisture for proper germination. After vigorous growth is established, apply $\frac{1}{2}$ " water twice weekly until final acceptance.
5. All plants shall be guaranteed to be in healthy and flourishing condition during the growing season following installation. All plant material shall be guaranteed for one year from the time of installation.
6. Contractor shall provide a suitable amended topsoil blend for all planting areas where soil conditions are unsuitable for plant growth. Topsoil shall conform to quality requirements as per Section 625.2(1) of the Standard Specifications for Highway Construction. Provide a minimum of 12" of topsoil in all planting areas and 6" of topsoil in areas to be seeded/sodded.
7. Landscape beds to be mulched with undyed shredded hardwood bark mulch to 3" depth min. and edged with commercial grade aluminum landscape edging, Permaloc CleanLine $\frac{3}{8}$ " x 4" or equal, color black anodized.
8. Street tree species, quantities, and locations to be determined in cooperation with City Forestry.



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vierbicher

Phone: (800) 261-3898

Landscape Plan - Building A

Midtown Center, Lot 1, Lots 4-7 & Outlot 1

Madison

Dane County, Wisconsin

[illegible]

SCALE
AS SHOWN

DATE
02/28/2020

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JZAM

PROJECT NO
190171

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101

Waldorf Boulevard

BUILDING B

Mid Town Road

GRAPHIC SCALE FEET
0 10 20 40



PLANT SCHEDULE BUILDING B

DECIDUOUS TREES	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	QTY	
CO	Celtis occidentalis / Common Hackberry	8 & B	2 1/2" Cal		2	
COP	Celtis occidentalis 'Prairie Sentinel' / Prairie Sentinel Hackberry	8 & B	2 1/2" Cal		4	
GS	Gleditsia triacanthos Inermis 'Skycole' TM / Skyline Thornless Honey Locust	8 & B	2.5 1/2" Cal		5	
GD	Gymnocladus dioica 'True North' / True North Kentucky Coffeetree	8 & B	2 1/2" Cal		2	
UNDERSTORY TREES	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	QTY	
AI	Amelanchier laevis / Allegheny Serviceberry	8 & B		7' ht. multi stem	3	
CC	Carpinus caroliniana / American Hornbeam	8 & B	2 1/2" Cal		4	
DECIDUOUS SHRUBS	BOTANICAL / COMMON NAME	SIZE	FIELD2	FIELD3	QTY	
Cf	Calycanthus floridus / Sweet Shrub	5 gal	Cont		2	
DI	Diervilla lonicera / Dwarf Bush Honeysuckle	3 gal	Cont		7	
Ha	Hydrangea arborescens 'Annabelle' / Annabelle Smooth Hydrangea	5 gal	Cont		16	
Hp	Hydrangea paniculata 'Jane' / Little Lime Hydrangea	5 gal	Cont		9	
Ra	Rhus aromatica 'Gro-Low' / Gro-Low Fragrant Sumac	3 gal	Cont		12	
RI	Ribes alpinum 'Green Mound' / Green Mound Alpine Currant	3 gal	Cont		8	
Sj	Spiraea japonica 'Magic Carpet' / Magic Carpet Spirea	3 gal	Cont		24	
Sp	Syringa patula 'Miss Kim' / Miss Kim Lilac	7 gal	Cont		4	
Vc	Viburnum cassinoides / Viburnum	5 gal	Cont		8	
Vp	Viburnum prunifolium 'Forest Rouge' / Blackhaw Viburnum	10 gal	Cont		9	
EVERGREEN SHRUBS	BOTANICAL / COMMON NAME	SIZE	FIELD2	FIELD3	QTY	
Bs	Buxus sinica Insularis 'Wintergreen' / Wintergreen Korean Littleleaf Boxwood	5 gal	Cont		11	
Jf	Juniperus chinensis 'Fairview' / Fairview Juniper	10 gal	Cont		13	
Jw	Juniperus horizontalis 'Wiltonii' / Blue Rug Juniper	5 gal	Cont		36	
Js	Juniperus sabina 'Blue Forest' / Blue Forest Juniper	5 gal	Cont		12	
Jb	Juniperus sabina 'Buffalo' / Buffalo Juniper	5 gal	Cont		25	
Tm	Taxus x media 'Everlow' / Yew	5 gal	Cont		22	
Ts	Thuja occidentalis 'Smaragd' / Emerald Green Arborvitae	15 gal	Cont		6	
PERENNIALS	BOTANICAL / COMMON NAME	SIZE	FIELD2	FIELD3	QTY	
ax	Amsonia x 'Blue Ice' / Blue Ice Bluestar	4 1/2" pot	Cont		35	
ba	Baptisia australis / Blue Wild Indigo	4 1/2" pot	Cont		20	
ca	Calamagrostis x acutiflora 'Karl Foerster' / Feather Reed Grass	4 1/2" pot	Cont		235	
hx	Hosta x 'Blue Angel' / Plantain Lily	1 gal	Cont		6	
ls	Lonicera sempervirens 'Major Wheeler' / Honeysuckle	4 1/2" pot	Cont		11	
ms	Matteuccia struthiopteris / Ostrich Fern	4 1/2" pot	Cont		51	
pv	Panicum virgatum 'Heavy Metal' / Blue Switch Grass	4 1/2" pot	Cont		62	
sh	Sporobolus heterolepis / Prairie Dropseed	4 1/2" pot	Cont		158	
GROUND COVERS	BOTANICAL / COMMON NAME	CONT	FIELD2	FIELD3	SPACING	QTY
vm	Vinca minor / Common Periwinkle	flat	2 1/2" pot		15" o.c.	186 sf

DECORATIVE PAVING SCHEDULE BUILDING B

	GRASS PAVERS	288 sf
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City of Madison Landscape Worksheet									
Address:		Midtown Center Building B		Date:		02.28.2020			
Total Square Footage of Developed Area:			(Site Area)	90823	-	(Building Footprint at Grade)		37360	= 53463 sf
Total Landscape Points Required (<5 ac):			53,463	/ 300 =	178	x 5 =	891	891	
Landscape Points Required >5 ac:			0	/ 100 =	0	x 1 =	-		
		Credits/ Existing Landscaping			New/ Proposed Landscaping				
Plant Type/ Element	Min. Size at Installation	Points	Quantity	Points Achieved	Quantity	Points Achieved			
Overstory deciduous tree	2.5" cal	35	13	455		0			
Tall Evergreen Tree	5-6 feet tall	35		0		0			
Ornamental tree	1.5" cal	15	7	105		0			
Upright evergreen shrub	3-4 feet tall	10	19	190		0			
Shrub, deciduous	#3 gallon container size, Min. 12-24"	3	99	297		0			
Shrub, evergreen	#3 gallon container size, Min. 12-24"	4	106	424		0			
Ornamental grasses/perennials	#1 gallon container size, Min. 8-18"	2		0		0			
Ornamental/decorative fencing or wall	n/a	4 per 10 LF		0		0			
Existing significant specimen tree	Min. Size 2.5" cal. Trees must be within developed area and cannot comprise more than 30% of total required points.	14 per caliper inch. Max. points per tree: 200		0		0			
Landscape Furniture for public seating and/or transit connections	Furniture must be within developed area, publicly accessible, and cannot comprise more than 5% of total required points.	5 points per "seat"		0		0			
Sub Totals				1471		0			
Total Points Provided:				1471					



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Phone: (800) 261-3888

Landscape Plan - Building B

Midtown Center, Lot 1, Lots 4-7 & Outlot 1

Madison

Dane County, Wisconsin

REVISIONS

REMARKS

NO.

DATE

REVISIONS

REMARKS

NO.

DATE

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AS SHOWN

DATE
02/28/2020

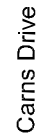
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PROJECT NO.
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City of Madison Landscape Worksheet									
Address:		Midtown Center Building C	Date:	02.28.2020					
Total Square Footage of Developed Area:		(Site Area)	85398	-	(Building Footprint at Grade)	29864	=	55534	sf
Total Landscape Points Required (<5 ac):		55,534	/ 300 =	185	x 5 =				
Landscape Points Required >5 ac:		0	/ 100 =	0	x 1 =			926	
			Credits/ Existing Landscaping		New/ Proposed Landscaping				
Plant Type/ Element	Min. Size at Installation	Points	Quantity	Points Achieved	Quantity	Points Achieved			
Overstory deciduous tree	2-5' cal	35	9	315		0			
Tall Evergreen Tree	5-8 feet tall	35		0		0			
Ornamental tree	1-5' cal	15	3	45		0			
Upright evergreen shrub	3-4 feet tall	10	1	10		0			
Shrub, deciduous	#3 gallon container size, Min: 12-24"	3	87	261		0			
Shrub, evergreen	#3 gallon container size, Min: 12-24"	4	34	136		0			
Ornamental grasses/perennials	#1 gallon container size, Min: 8-18"	2	8	16		0			
Ornamental/ decorative fencing or wall	n/a	4 per 10 LF		0		0			
Existing significant specimen tree	Min. Size 2.5" cal. Trees must be within developed area and cannot comprise more than 30% of total required points.	14 per caliper inch, Max. points per tree: 200		0		0			
Landscape Furniture for public seating and/or transit connections	Furniture must be within developed area, publicly accessible, and cannot comprise more than 5% of total required points	5 points per "seat"		0		0			
Sub Totals				783		0			
				Total Points Provided:		783			

Landscape Plan - Building C
Midtown Center, Lot 1, Lots 4-7 & Outlot 1
Madison
Dane County, Wisconsin

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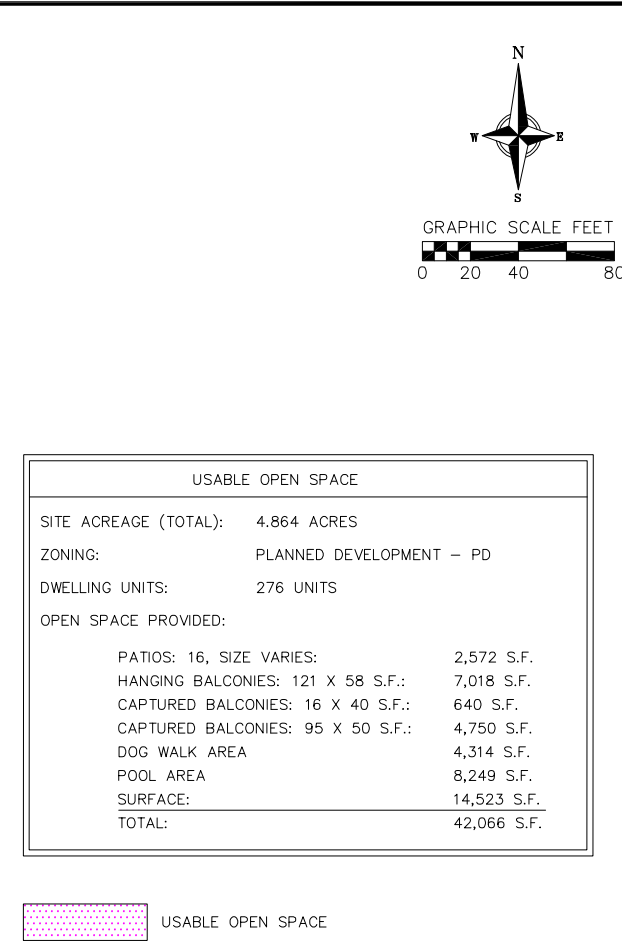
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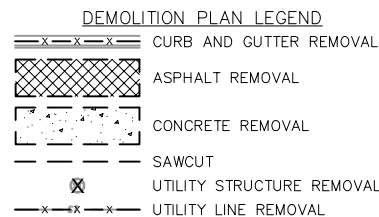
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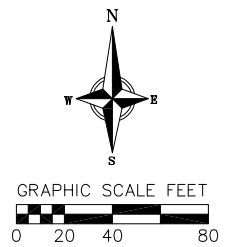
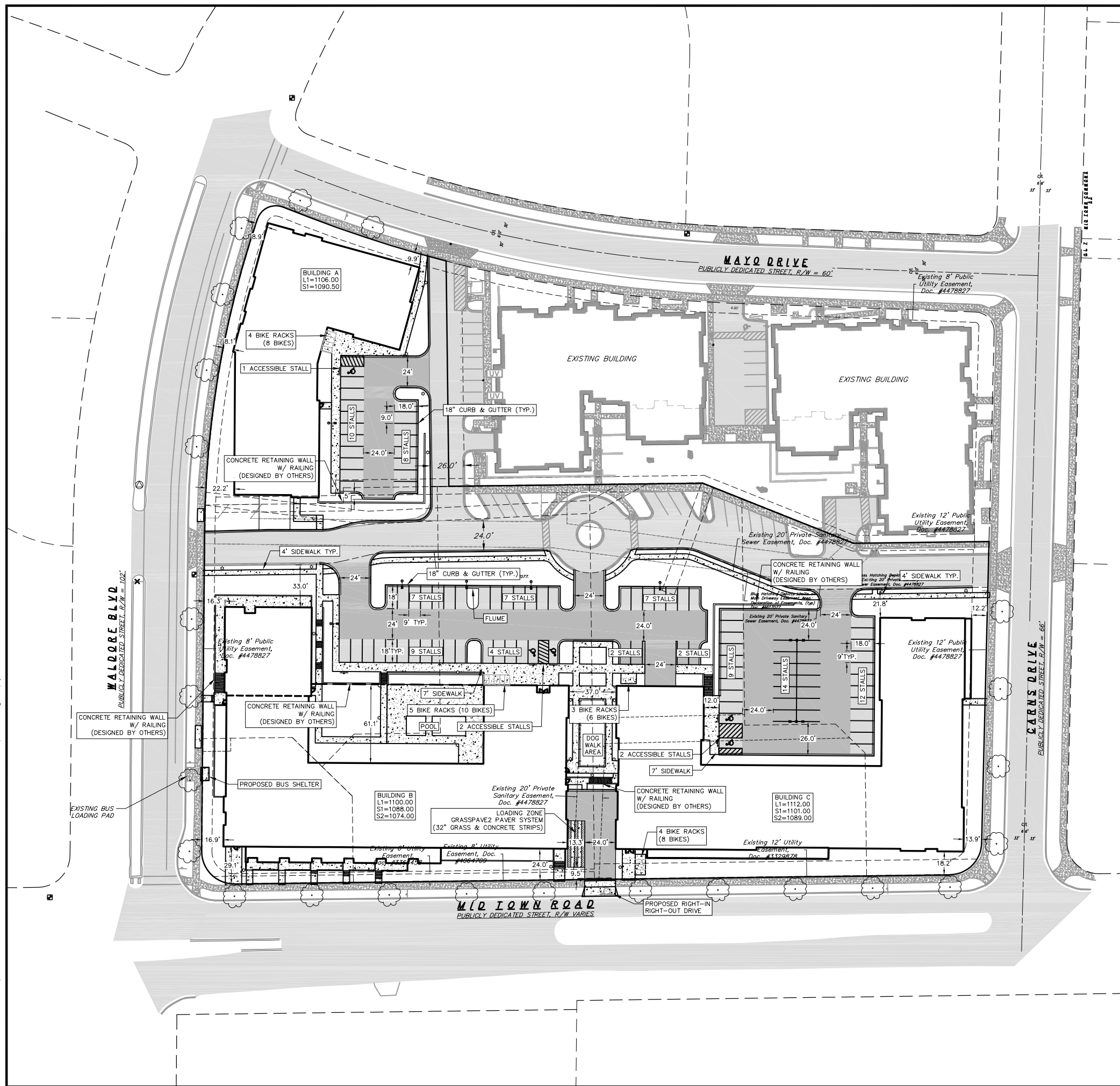
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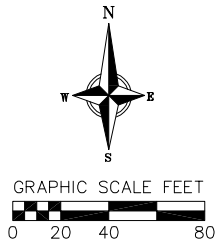
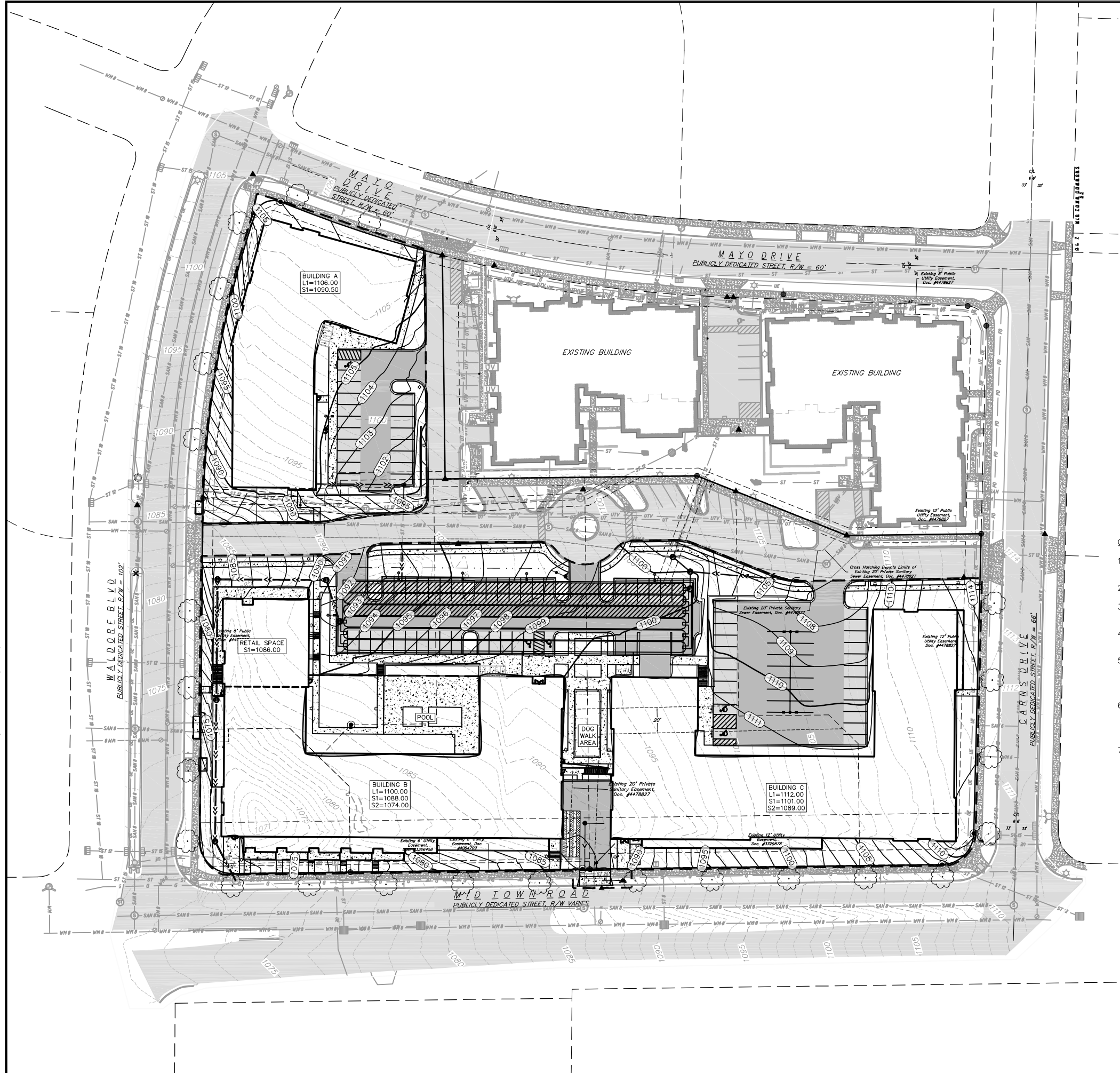




- ### SITE PLAN LEGEND
- | | |
|---|--|
|  | PROPERTY BOUNDARY |
|  | CURB AND GUTTER (REVERSE CURB HATCHED) |
|  | PROPOSED CONCRETE |
|  | PROPOSED LIGHT-DUTY ASPHALT |
|  | PROPOSED HEAVY-DUTY ASPHALT |
|  | PROPOSED SIGN |
|  | PROPOSED LIGHT POLE |
|  | PROPOSED LIGHT BOLLARD |
|  | PROPOSED BOLLARD |
|  | PROPOSED ADA DETECTABLE WARNING FIELD |
|  | PROPOSED HANDICAP PARKING |

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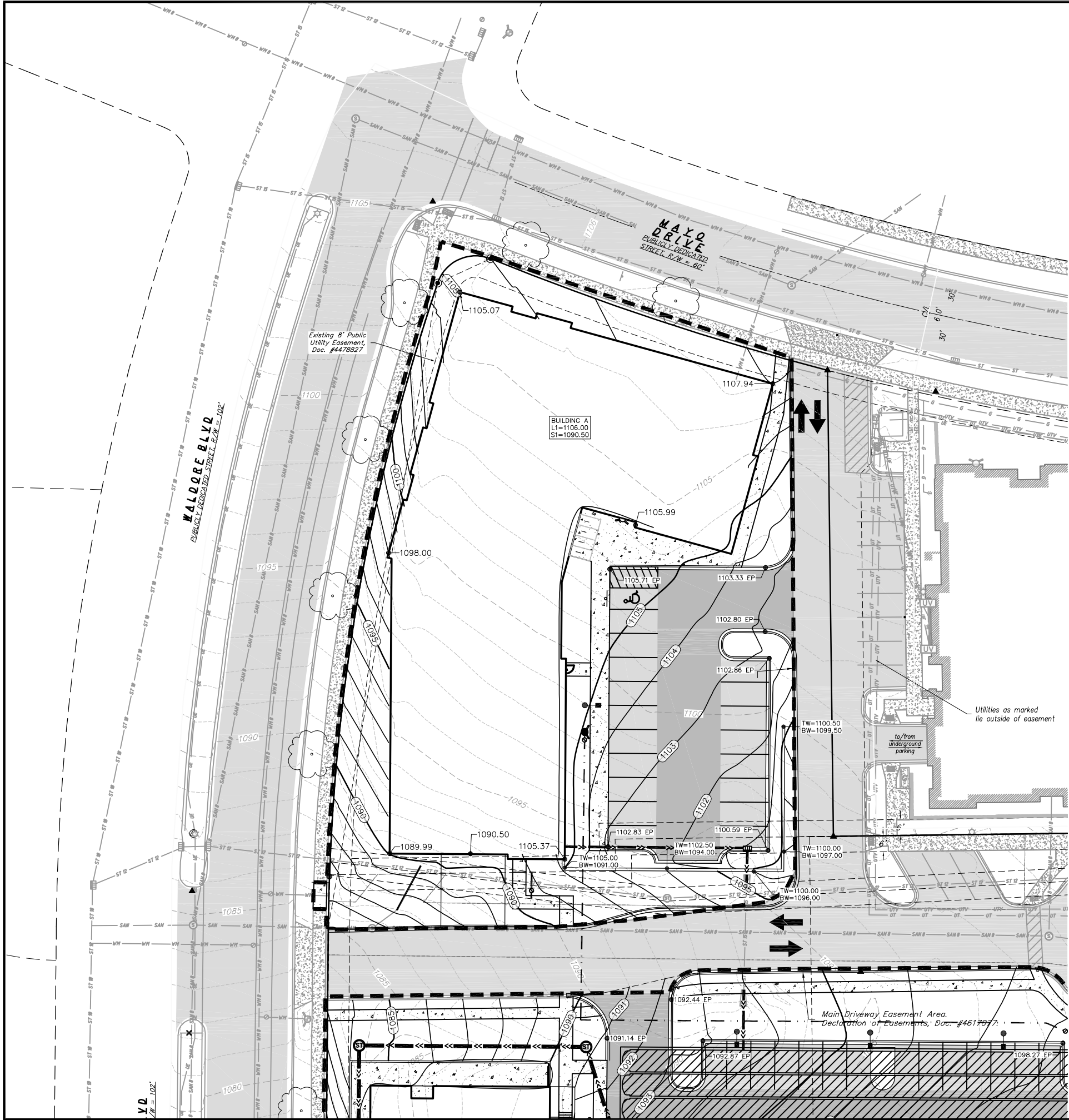
- GRADING LEGEND**
- 820 --- EXISTING MAJOR CONTOURS
 - 818 --- EXISTING MINOR CONTOURS
 - 820 --- PROPOSED MAJOR CONTOURS
 - 818 --- PROPOSED MINOR CONTOURS
 - S --- SILT FENCE
 - D --- DISTURBED LIMITS
 - >--- DRAINAGE DIRECTION
 - 2.92% PROPOSED SLOPE ARROWS
 - +1048.61 EXISTING SPOT ELEVATIONS
 - 1048.61 PROPOSED SPOT ELEVATIONS
- ABBREVIATIONS**
- TC - TOP OF CURB
 - FF - FINISHED FLOOR
 - FL - FLOW LINE
 - SW - TOP OF WALK
 - TW - TOP OF WALL
 - BW - BOTTOM OF WALL

GRADING PLAN/SITE CONSTRUCTION NOTES:

1. CONCRETE SIDEWALK TO BE 5" THICK, CONSTRUCTED ON A BASE OF 4" COMPACTED SAND OR CRUSHED STONE.
2. ASPHALT PAVEMENT FOR DRIVEWAYS AND PARKING LOTS SHALL BE AS INDICATED IN DETAIL.
3. CURB FACE HEIGHT IN PARKING AREAS SHALL BE 6 INCHES. TAPER CURB FROM 6" TO 0" AT ALL GARAGE ENTRANCES.
4. CONTRACTOR TO OBTAIN ANY NECESSARY UTILITY CONNECTION, DEMOLITION, DRIVEWAY CONNECTION, RIGHT-OF-WAY AND EXCAVATION PERMITS PRIOR TO CONSTRUCTION.
5. ANY SIDEWALK AND CURB & GUTTER ABUTTING THE PROPERTY SHALL BE REPLACED IF IT IS DAMAGED DURING CONSTRUCTION OR IF THE CITY ENGINEERING DEPARTMENT DETERMINES THAT IT IS NOT AT A DESIRABLE GRADE, REGARDLESS OF WHETHER THE CONDITION EXISTED PRIOR TO BEGINNING CONSTRUCTION.
6. ADA REQUIREMENTS SPECIFY PARKING STALLS SLOPE MUST BE LESS THAN 2% IN ANY DIRECTION. ADA WALKWAYS MUST NOT EXCEED 5% SLOPE IN LONGITUDINAL DIRECTION WITHOUT A RAILING AND 8.3% WITH A RAILING. THE CROSS SECTION SLOPE OF AN ADA WALKWAY MUST NOT EXCEED 1.5% SLOPE.
7. TYPICAL SIDEWALK CROSS SECTION IS 1.5% SLOPE. THIS APPLIES TO ALL WALKWAYS IN THIS PLAN UNLESS OTHERWISE NOTED.

NOT FOR CONSTRUCTION

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GRADING LEGEND

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ABBREVIATIONS

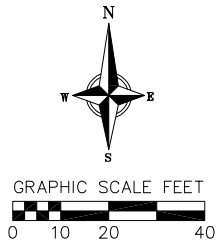
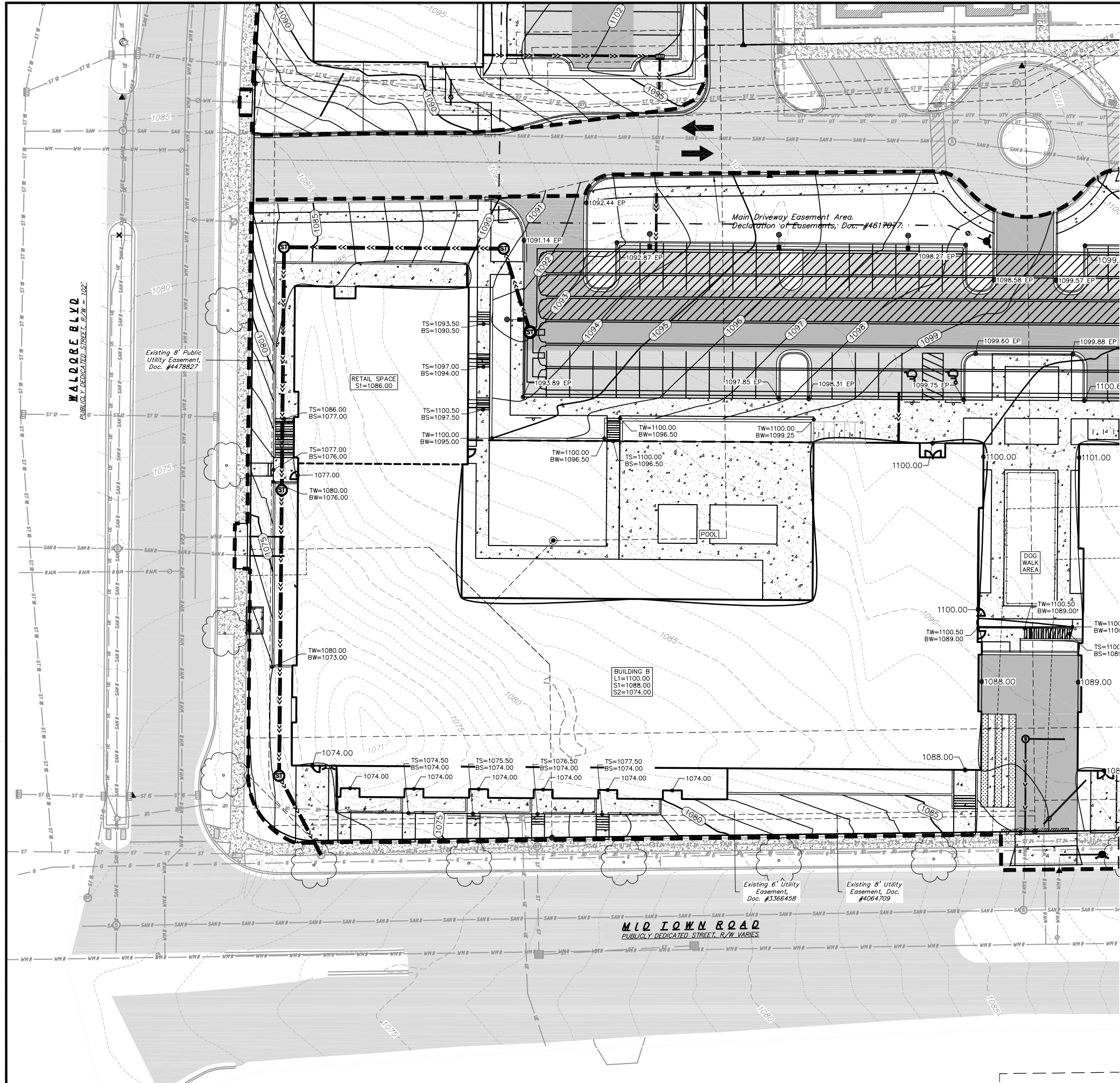
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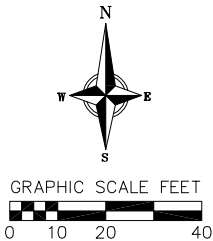
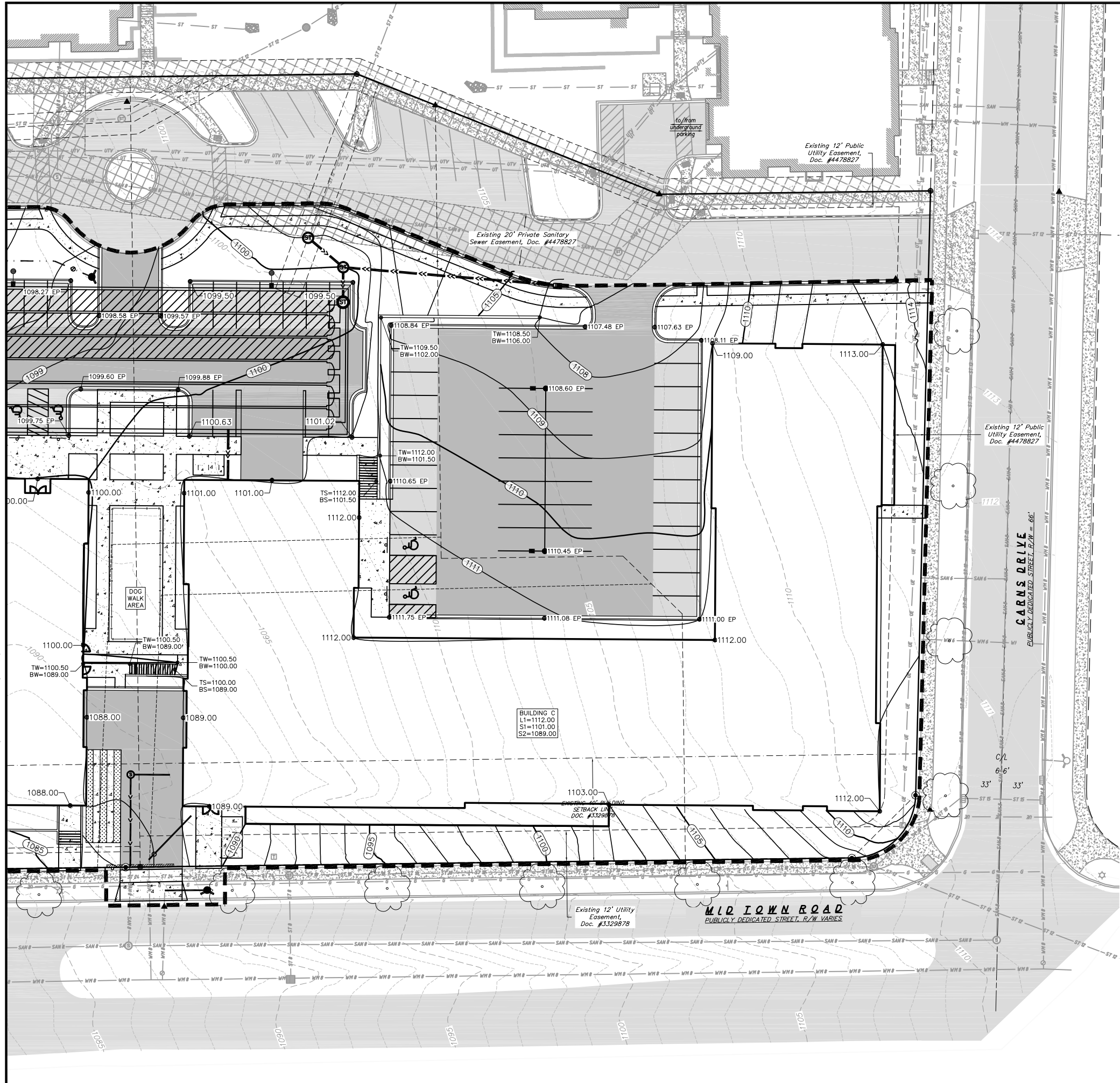
Phone: (800) 261-3998

Grading Plan - Building B
Midtown Center, Lot 1, Lots 4-7 & Outlot 1
Madison
Dane County, Wisconsin

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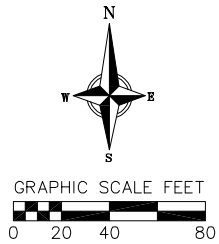
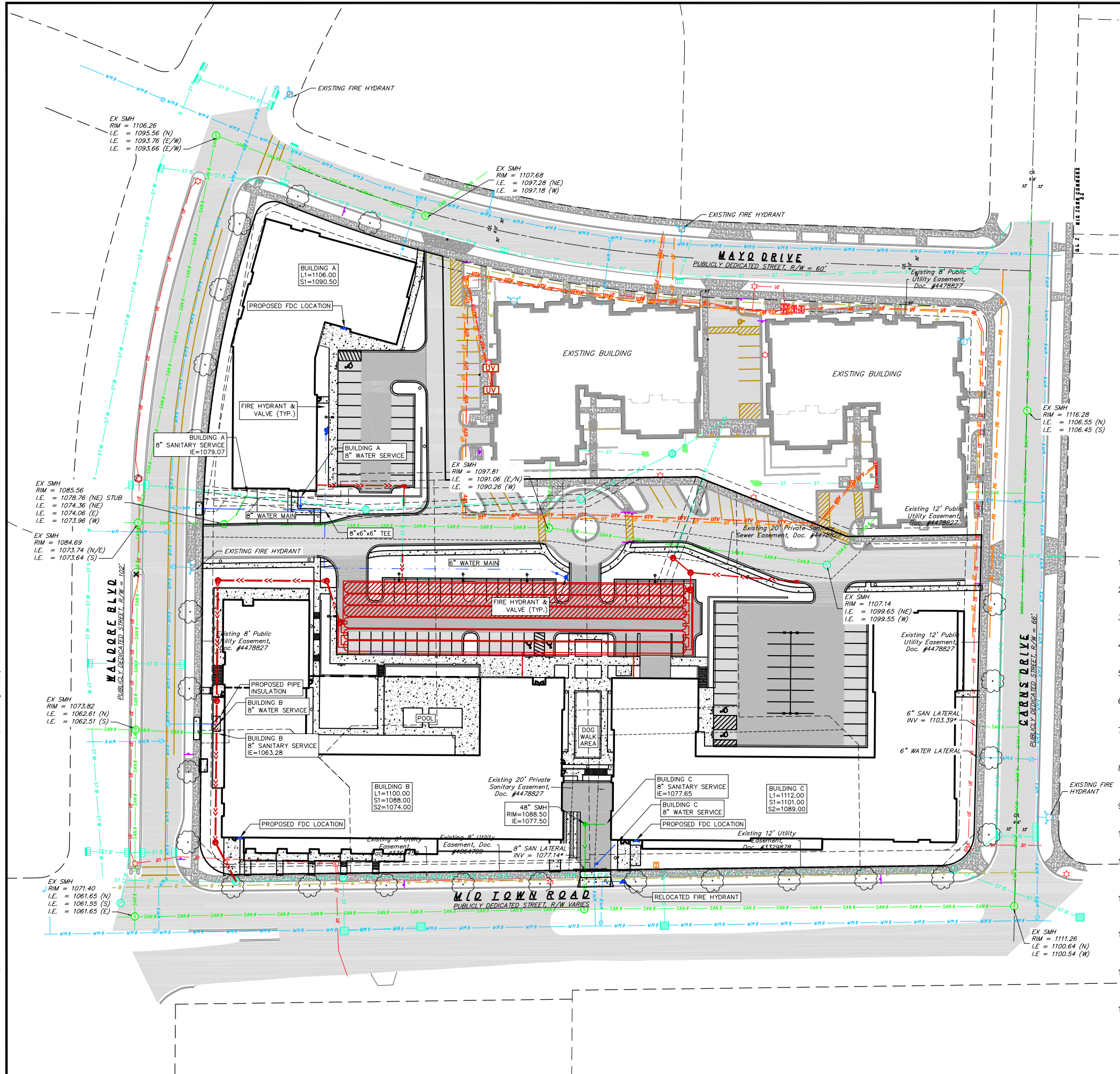
Phone: (800) 261-3998

Grading Plan - Building C
Midtown Center, Lot 1, Lots 4-7 & Outlot 1
Madison
Dane County, Wisconsin

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PROPOSED UTILITY LEGEND

- STORM SEWER PIPE
- STORM SEWER MANHOLE
- STORM SEWER ENDWALL
- STORM SEWER CURB INLET
- STORM SEWER CURB INLET W/MANHOLE
- STORM SEWER FIELD INLET
- ROOF DRAIN CLEANOUT
- SANITARY SEWER PIPE (GRAVITY)
- SANITARY SEWER LATERAL PIPE
- SANITARY SEWER MANHOLE
- SANITARY SEWER CLEANOUT
- WATER MAIN
- WATER SERVICE LATERAL PIPE
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION
- WATER VALVE
- CURB STOP
- PROPOSED PIPE INSULATION

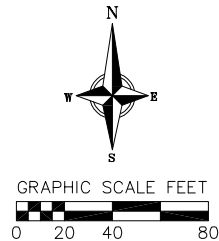
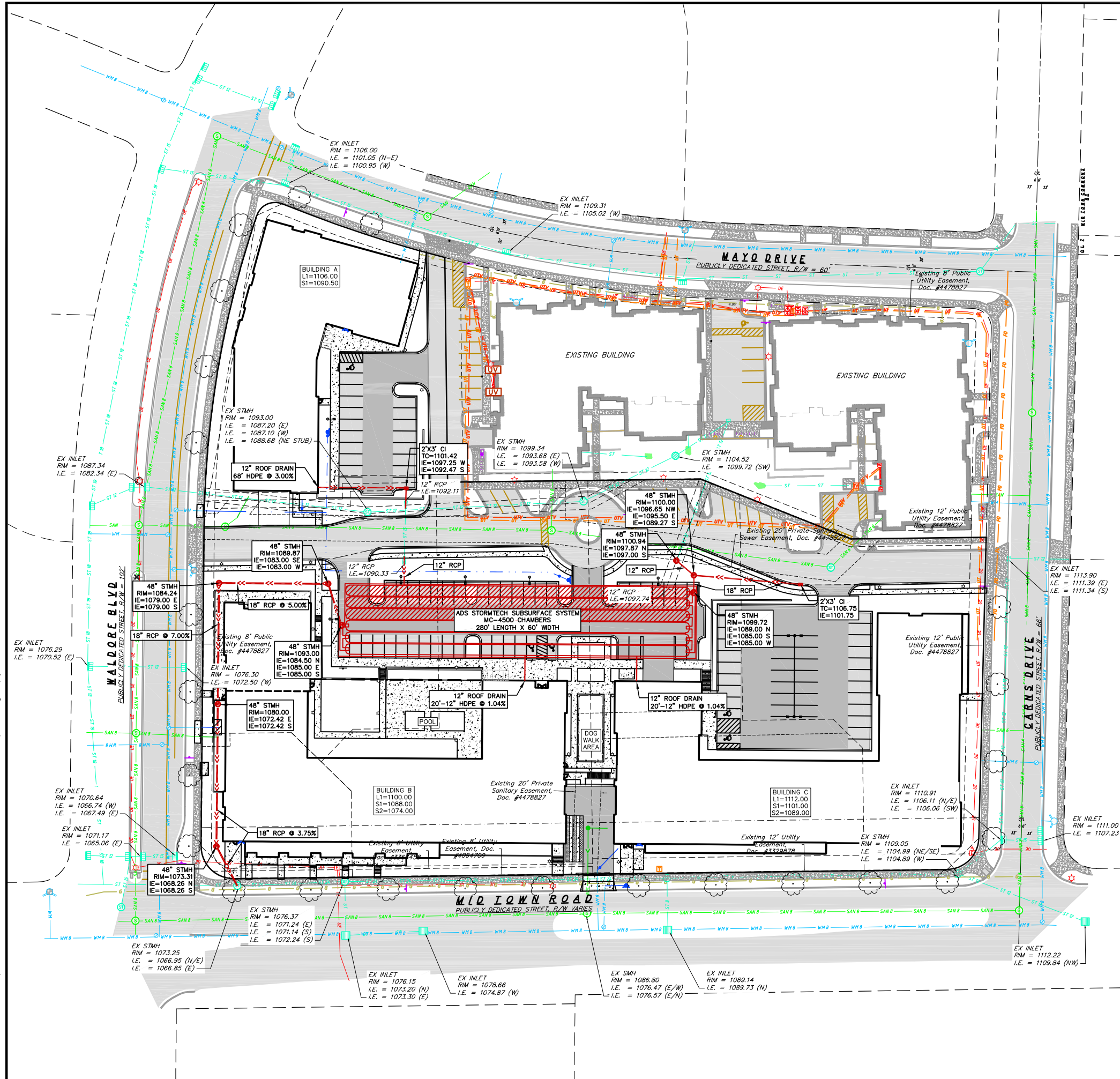
ABBREVIATIONS

- STMH - STORM MANHOLE
- FI - FIELD INLET
- CI - CURB INLET
- CB - CATCH BASIN
- EW - ENDWALL
- SMH - SANITARY MANHOLE

- UTILITY NOTES:**
- SANITARY & STORM SEWER LENGTHS SHOWN ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. STORM SEWER END SECTIONS ARE INCLUDED IN THE LENGTH AND SLOPE OF THE PIPE.
 - CONTRACTOR SHALL INVESTIGATE ALL UTILITY CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL UTILITY STRUCTURES (MANHOLE RIMS, WATER VALVES, AND CURB STOPS), IF NECESSARY.
 - CONTRACTOR SHALL OBTAIN ANY NECESSARY WORK IN RIGHT-OF WAY, EXCAVATION, UTILITY CONNECTION, PLUGGING, ABANDONMENT, AND DRIVEWAY CONNECTION PERMITS PRIOR TO CONSTRUCTION.
 - FOR ALL SEWER AND WATER MAIN CROSSINGS: PROVIDE MINIMUM 18" SEPARATION WHEN WATER MAIN CROSSES BELOW SEWER AND MINIMUM 6" SEPARATION WHEN WATER MAIN CROSSES ABOVE SEWER.
 - PRIVATE WATER SERVICES AND PRIVATE WATER MAINS SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-7 OF SPS 384.30(4)(d).
 - PRIVATE SANITARY SEWER AND LATERALS SHALL BE POLYVINYL CHLORIDE (PVC) ASTM D3034 - SDR 35 OR APPROVED EQUAL MATERIAL THAT CONFORMS TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-3 OF SPS 384.30(2)(c).
 - A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SEWERS/MAINS AND WATER SERVICES/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED PER SPS 382.10(11)(h) AND SPS 382.40(8)(k).
 - EXTERIOR WATER SUPPLY PIPING SETBACKS AND CROSSINGS SHALL BE IN ACCORDANCE WITH SPS 382.40(8)(b.).
 - NO PERSON MAY ENGAGE IN PLUMBING WORK IN THE STATE UNLESS LICENSED TO DO SO BY THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES PER S.145.06.
 - SITE CONTRACTOR SHALL LEAVE SANITARY AND WATER LATERALS FIVE (5) FEET SHORT (HORIZONTALLY) FROM THE BUILDING. BUILDING PLUMBER SHALL VERIFY SIZE, LOCATION, AND INVERT ELEVATION OF PROPOSED SANITARY AND WATER LATERALS.
 - CONTRACTOR SHALL FIELD VERIFY THE SIZE, TYPE, LOCATION, AND ELEVATION OF EXISTING UTILITIES PRIOR TO INSTALLING ANY ON-SITE UTILITIES OR STRUCTURES. CONTACT ENGINEER PRIOR TO INSTALLATION IF DISCREPANCY EXISTS WITHIN THESE PLANS.
 - PROPOSED UTILITY SERVICE LINES SHOWN ARE APPROXIMATE. COORDINATE THE EXACT LOCATIONS WITH THE PLUMBING DRAWINGS. COORDINATE THE LOCATIONS WITH THE PLUMBING CONTRACTOR AND/OR OWNER'S CONSTRUCTION REPRESENTATIVE PRIOR TO INSTALLATION OF ANY NEW UTILITIES.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF ANY UTILITIES ENCOUNTERED AND REPLACEMENT OF ANY UTILITIES DAMAGED WITHIN INFLUENCE ZONE OF NEW CONSTRUCTION. CONTACT ENGINEER IF THE EXISTING UTILITIES VARY APPRECIABLY FROM THE PLANS.
 - ALL WATER MAIN AND SERVICES SHALL BE INSTALLED AT A MINIMUM DEPTH OF 6.5' FROM TOP OF FINISHED GROUND ELEVATION TO TOP OF MAIN.

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- PROPOSED UTILITY LEGEND**
- STORM SEWER PIPE
 - STORM SEWER MANHOLE
 - STORM SEWER ENDWALL
 - STORM SEWER CURB INLET
 - STORM SEWER CURB INLET W/MANHOLE
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 - SANITARY SEWER LATERAL PIPE
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 - SANITARY SEWER CLEANOUT
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 - WATER SERVICE LATERAL PIPE
 - FIRE HYDRANT
 - FIRE DEPARTMENT CONNECTION
 - WATER VALVE
 - CURB STOP
 - PROPOSED PIPE INSULATION

- ABBREVIATIONS**
- STMH - STORM MANHOLE
 - FI - FIELD INLET
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- UTILITY NOTES:**
- SANITARY & STORM SEWER LENGTHS SHOWN ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. STORM SEWER END SECTIONS ARE INCLUDED IN THE LENGTH AND SLOPE OF THE PIPE.
 - CONTRACTOR SHALL INVESTIGATE ALL UTILITY CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL UTILITY STRUCTURES (MANHOLE RIMS, WATER VALVES, AND CURB STOPS), IF NECESSARY.
 - CONTRACTOR SHALL OBTAIN ANY NECESSARY WORK IN RIGHT-OF WAY, EXCAVATION, UTILITY CONNECTION, PLUGGING, ABANDONMENT, AND DRIVEWAY CONNECTION PERMITS PRIOR TO CONSTRUCTION.
 - STORM BUILDING SEWER PIPE SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-6 OF SPS 384.30(3)(c).
 - A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SEWERS/MAINS AND WATER SERVICES/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED PER SPS 382.10(11)(h) AND SPS 382.40(8)(k).
 - NO PERSON MAY ENGAGE IN PLUMBING WORK IN THE STATE UNLESS LICENSED TO DO SO BY THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES PER S.145.06.
 - CONTRACTOR SHALL FIELD VERIFY THE SIZE, TYPE, LOCATION, AND ELEVATION OF EXISTING UTILITIES PRIOR TO INSTALLING ANY ON-SITE UTILITIES OR STRUCTURES. CONTACT ENGINEER PRIOR TO INSTALLATION IF DISCREPANCY EXISTS WITHIN THESE PLANS.
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 - CLEAN OUT ALL EXISTING AND PROPOSED STORM INLETS AND CATCH BASINS AT THE COMPLETION OF CONSTRUCTION.

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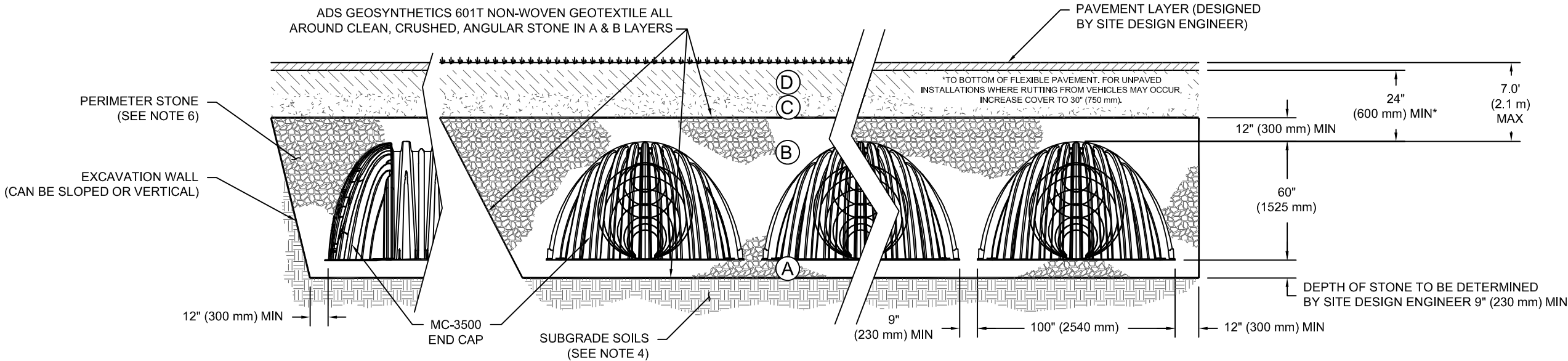
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ACCEPTABLE FILL MATERIALS: STORMTECH MC-4500 CHAMBER SYSTEMS

MATERIAL LOCATION		DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 24" (600 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145 A-1, A-2-4, A-3 OR AASHTO M43 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 24" (600 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 12" (300 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS.
B	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43 3, 4	NO COMPACTION REQUIRED.
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43 3, 4	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE.2,3

- PLEASE NOTE:
1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
 2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (230 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
 3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.
 4. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.



NOTES:

1. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418-16a, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 60x101
2. MC-4500 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
3. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
4. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
5. REQUIREMENTS FOR HANDLING AND INSTALLATION:
TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3 .
TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 500 LBS/IN/IN.
AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73 F / 23 C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.



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Phone: (800) 261-3898

Construction Details
Midtown Center, Lot 1, Lots 4-7 & Outlot 1
Madison
Dane County, Wisconsin

REVISIONS	NO.	DATE	REMARKS

SCALE
AS SHOWN

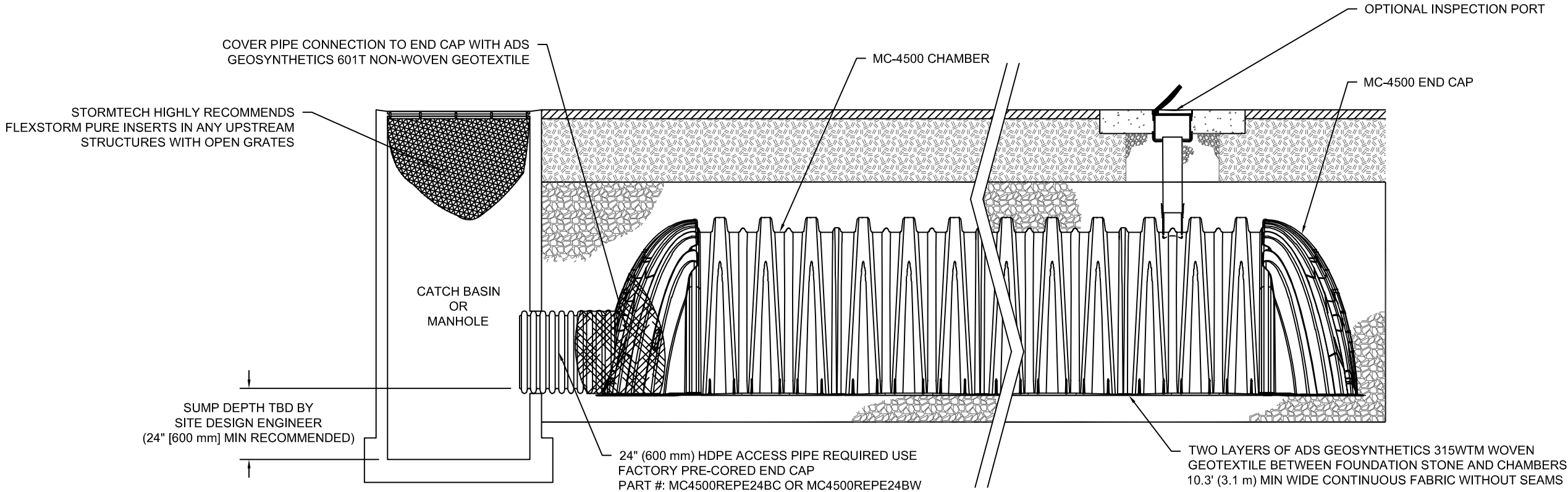
DATE
02/28/2020

DRAFTER
NJOH

CHECKED
JZAM

PROJECT NO.
190171

C
600



MC-4500 ISOLATOR ROW DETAIL
NTS

INSPECTION & MAINTENANCE

- STEP 1) INSPECT ISOLATOR ROW FOR SEDIMENT
- A. INSPECTION PORTS (IF PRESENT)
 - A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
 - A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
 - A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
 - A.4. LOWER A CAMERA INTO ISOLATOR ROW FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
 - A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
 - B. ALL ISOLATOR ROWS
 - B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW
 - B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW THROUGH OUTLET PIPE
 - i) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
 - ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
 - B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- STEP 2) CLEAN OUT ISOLATOR ROW USING THE JETVAC PROCESS
- A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45" (1.1 m) OR MORE IS PREFERRED
 - B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
 - C. VACUUM STRUCTURE SUMP AS REQUIRED

STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.

STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

NOTES

1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.



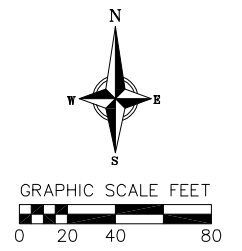
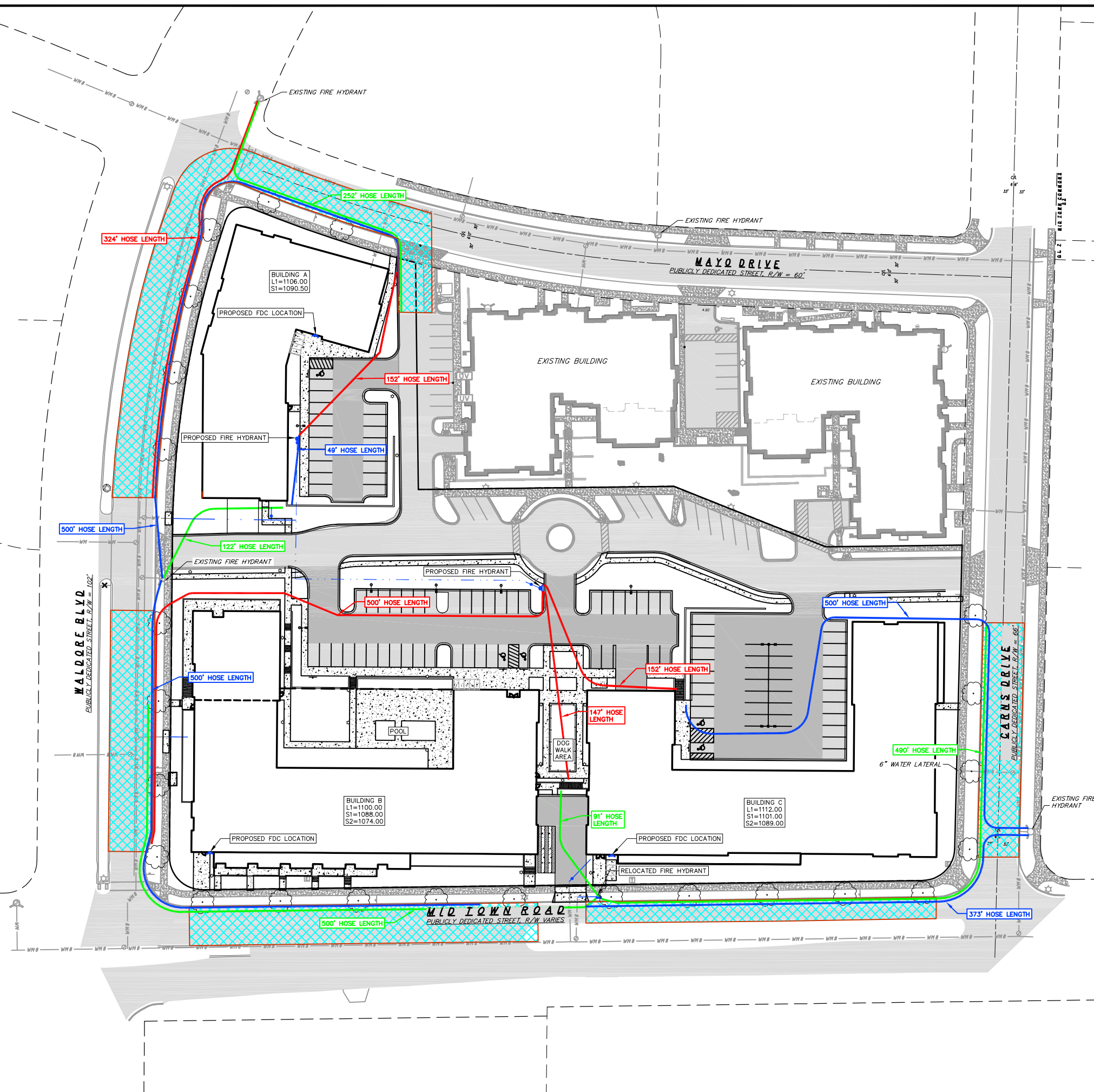
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Construction Details
Midtown Center, Lot 1, Lots 4-7 & Outlot 1
Madison
Dane County, Wisconsin

REVISIONS		REVISIONS	
NO.	DATE	NO.	DATE

SCALE AS SHOWN
DATE 02/28/2020
DRAFTER NJOH
CHECKED JZAM
PROJECT NO. 190171

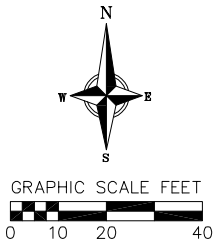
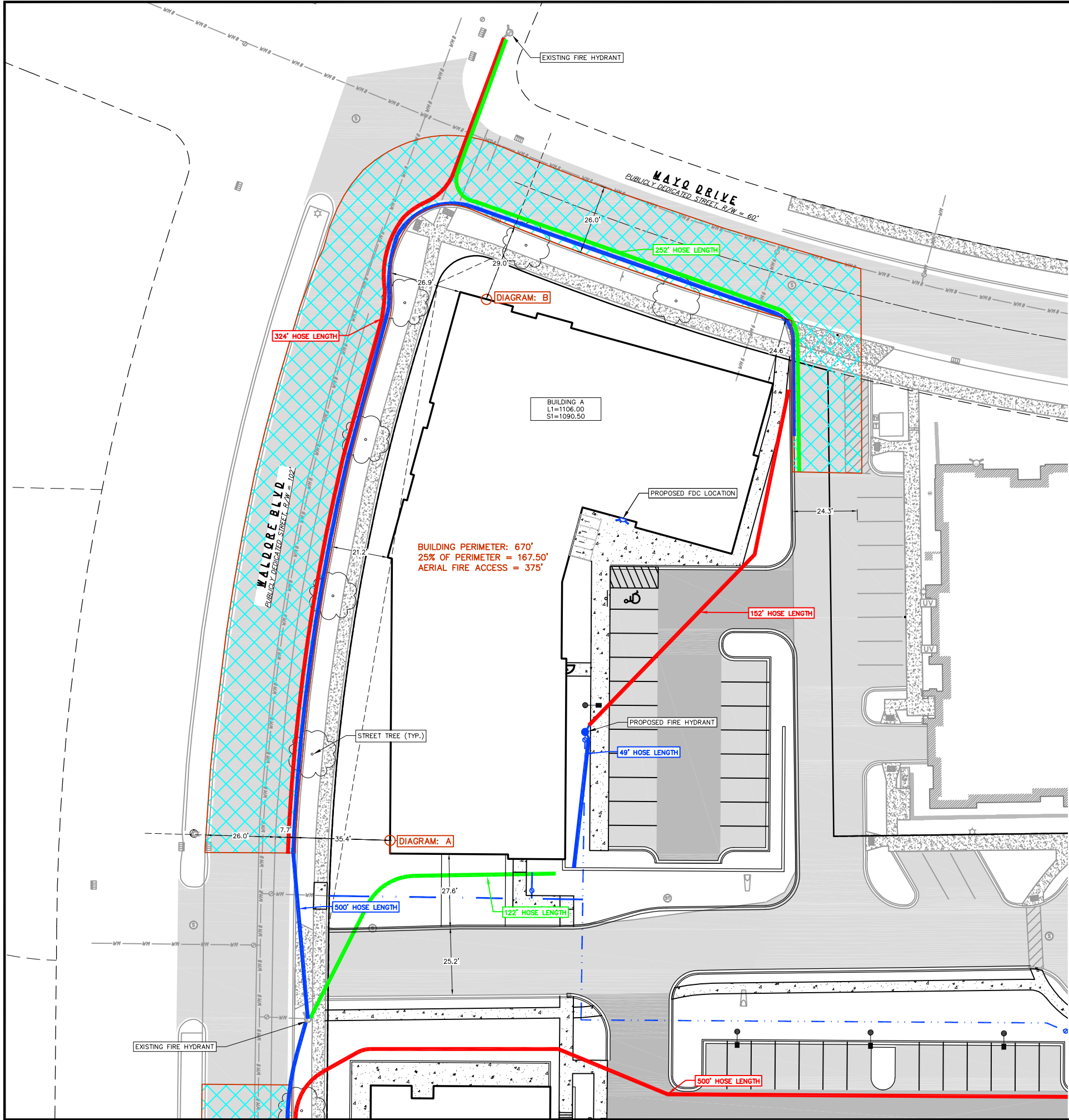
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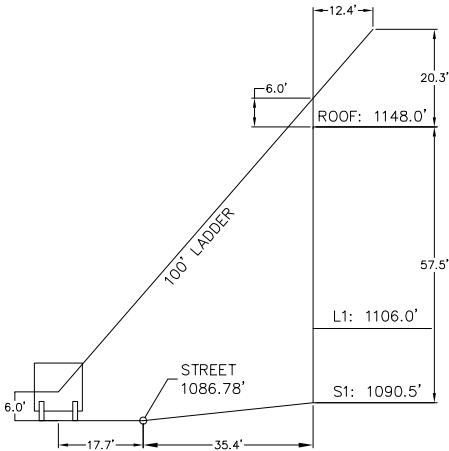
- | <u>LEGEND</u> | |
|---|----------------------------|
|  | WATER MAIN |
|  | WATER SERVICE LATERAL PIPE |
|  | FIRE HYDRANT |
|  | EXISTING FIRE HYDRANT |
|  | FIRE DEPARTMENT CONNECTION |
|  | WATER VALVE |
|  | AERIAL FIRE ACCESS LANE |
-
- | | |
|---|---|
|  | <p>FIRE LANE NO PARKING
SIGN (12"x18")
LOCATIONS TO BE
DETERMINED BY CITY</p> |
|---|---|

NOT FOR CONSTRUCTION

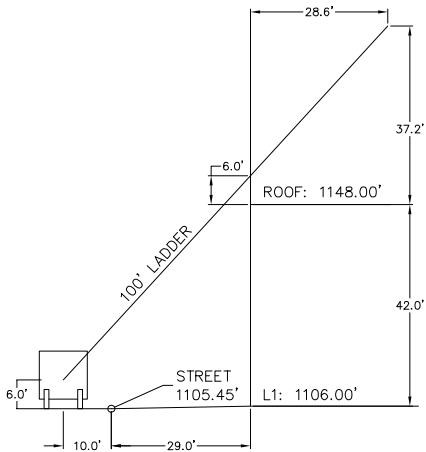
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DATE 02/28/2020									
DRAWN BY JAM									
CHECKED BY JAM									
PROJECT NO. 190171									
SHEET 1 OF 4									
DWG. NO.									



- LEGEND
- Water Main
 - Water Service Lateral Pipe
 - Fire Hydrant
 - Existing Fire Hydrant
 - Fire Department Connection
 - Water Valve
 - Aerial Fire Access Lane
 - Fire Lane No Parking Sign (12"x18") Locations to be Determined by City



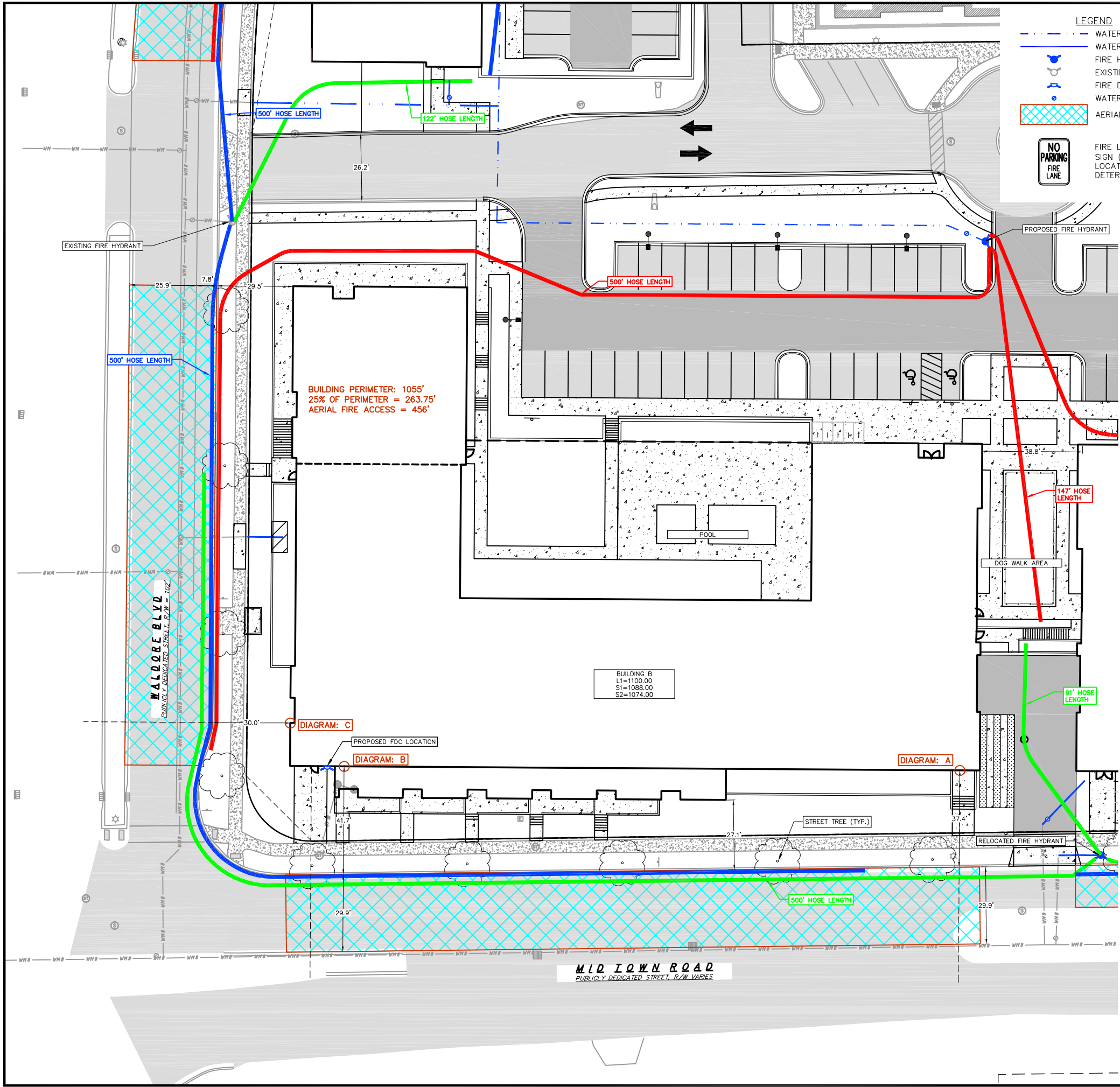
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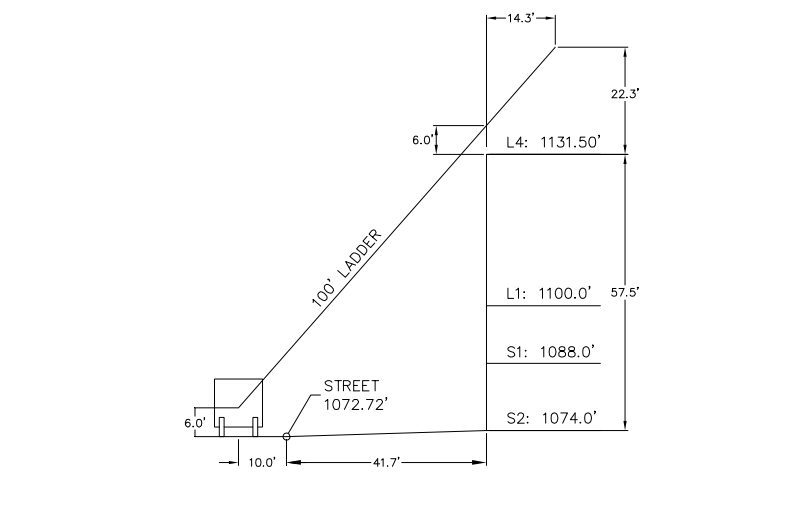
2 LADDER REACH DIAGRAM B

NOT FOR CONSTRUCTION

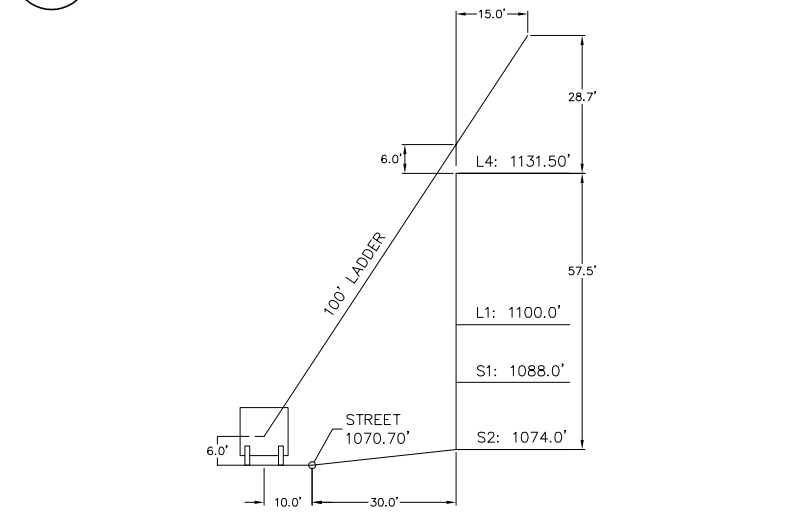
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1 LADDER REACH DIAGRAM A

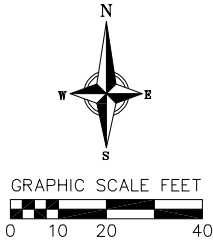
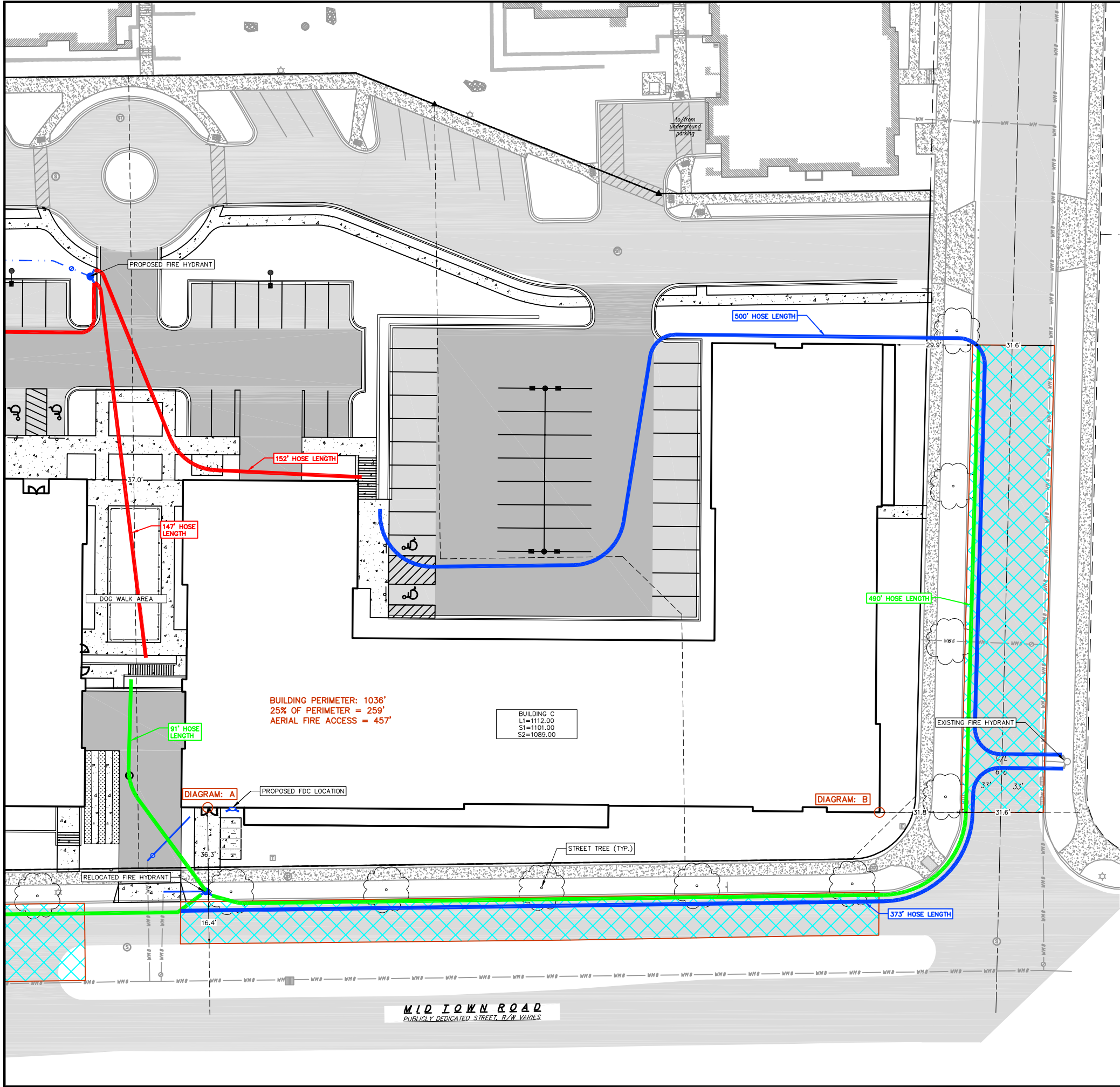


2 LADDER REACH DIAGRAM B

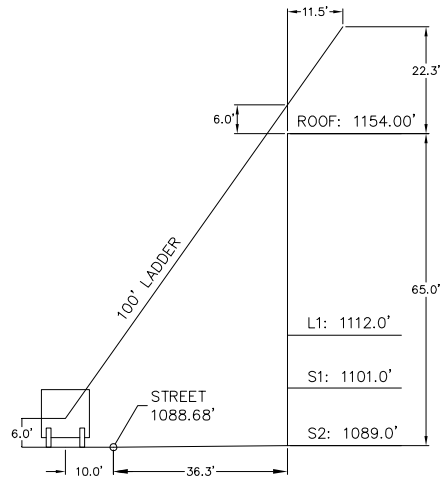


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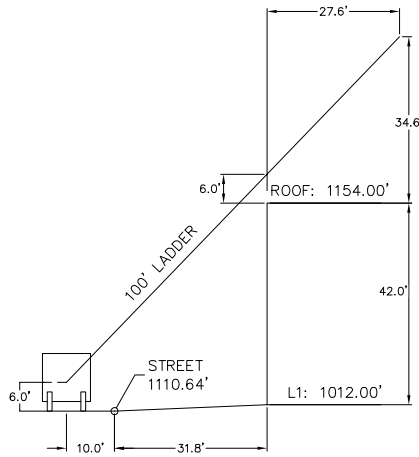
NOT FOR CONSTRUCTION



- LEGEND**
- WATER MAIN
 - WATER SERVICE LATERAL PIPE
 - FIRE HYDRANT
 - EXISTING FIRE HYDRANT
 - FIRE DEPARTMENT CONNECTION
 - WATER VALVE
 - AERIAL FIRE ACCESS LANE
 - FIRE LANE NO PARKING SIGN (12"x18") LOCATIONS TO BE DETERMINED BY CITY



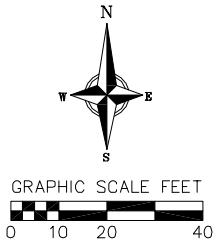
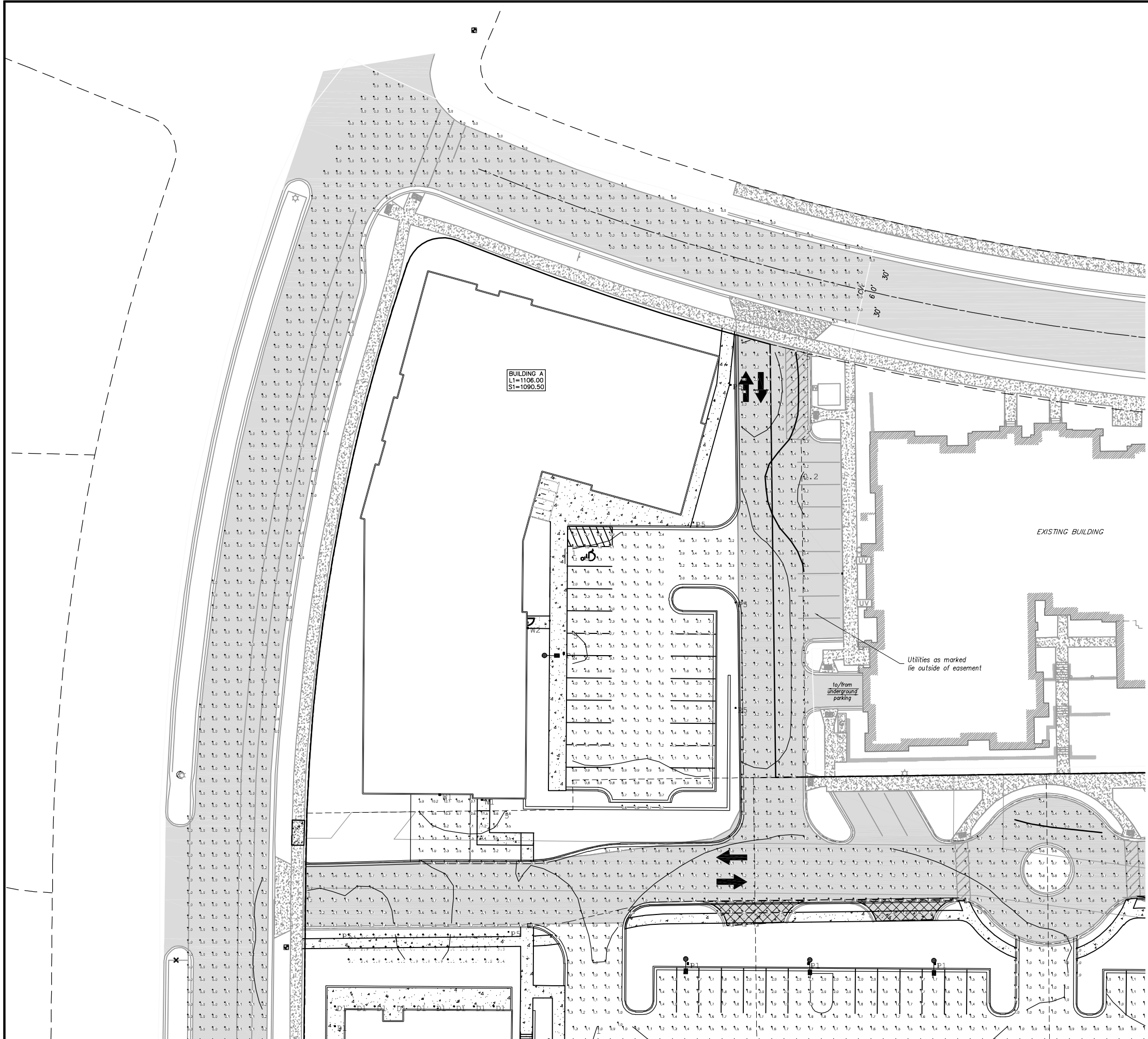
1 LADDER REACH DIAGRAM A



2 LADDER REACH DIAGRAM B

NOT FOR CONSTRUCTION

REVISIONS		NO.	DATE	REMARKS
REVISIONS				
SCALE		AS SHOWN		
DATE		02/28/2020		
DRAFTER		NJOH		
CHECKED		JZAM		
PROJECT NO.		190171		
SHEET		4 OF 4		
DWG. NO.				



Lighting Schedule									
SYMBOL	NO.	TYPE	LABOR	DESCRIPTION	MANUFACTURER	WATTAGE	WATTAGE	WATTAGE	WATTAGE
1	1	FC	LED	LED	LED	100	100	100	100
2	2	FC	LED	LED	LED	100	100	100	100
3	3	FC	LED	LED	LED	100	100	100	100
4	4	FC	LED	LED	LED	100	100	100	100
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8	8	FC	LED	LED	LED	100	100	100	100
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REVIEWS	NO.	DATE	REMARKS

SCALE
AS SHOWN

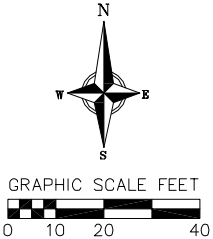
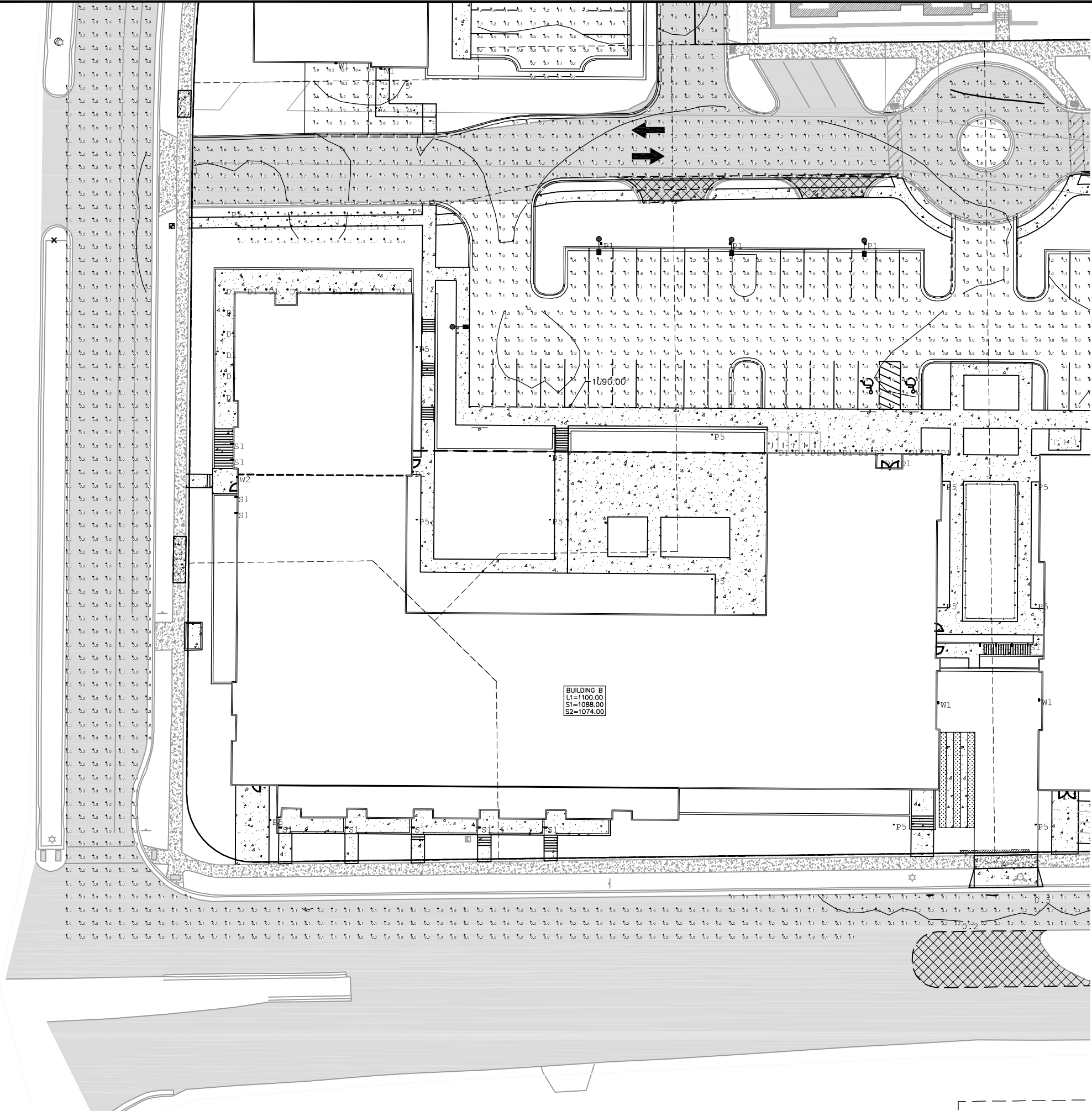
DATE
02/28/2020

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JZAM

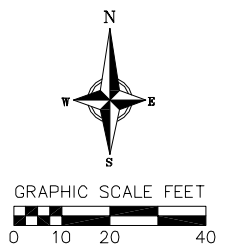
PROJECT NO.
190171

E
100



BUILDING B
L1=1100.00
S1=1088.00
S2=1074.00

Lighting Schedule							
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9	1	W1	W1	W1	1	W1	1
	2	P1	P1	P1	1	P1	1
	3	P2	P2	P2	1	P2	1
	4	P3	P3	P3	1	P3	1
	5	P4	P4	P4	1	P4	1
	6	P5	P5	P5	1	P5	1
	7	P6	P6	P6	1	P6	1
	8	P7	P7	P7	1	P7	1
	9	P8	P8	P8	1	P8	1
	10	P9	P9	P9	1	P9	1
10	1	W1	W1	W1	1	W1	1
	2	P1	P1	P1	1	P1	1
	3	P2	P2	P2	1	P2	1
	4	P3	P3	P3	1	P3	1
	5	P4	P4	P4	1	P4	1
	6	P5	P5	P5	1	P5	1
	7	P6	P6	P6	1	P6	1
	8	P7	P7	P7	1	P7	1
	9	P8	P8	P8	1	P8	1
	10	P9	P9	P9	1	P9	1
11	1	W1	W1	W1	1	W1	1
	2	P1	P1	P1	1	P1	1
	3	P2	P2	P2	1	P2	1
	4	P3	P3	P3	1	P3	1
	5	P4	P4	P4	1	P4	1
	6	P5	P5	P5	1	P5	1
	7	P6	P6	P6	1	P6	1
	8	P7	P7	P7	1	P7	1
	9	P8	P8	P8	1	P8	1
	10	P9	P9	P9	1	P9	1
12	1	W1	W1	W1	1	W1	1
	2	P1	P1	P1	1	P1	1
	3	P2	P2	P2	1	P2	1
	4	P3	P3	P3	1	P3	1
	5	P4	P4	P4	1	P4	1
	6	P5	P5	P5	1	P5	1
	7	P6	P6	P6	1	P6	1
	8	P7	P7	P7	1	P7	1
	9	P8	P8	P8	1	P8	1
	10	P9	P9	P9	1	P9	1
13	1	W1	W1	W1	1	W1	1
	2	P1	P1	P1	1	P1	1
	3	P2	P2	P2	1	P2	1
	4	P3	P3	P3	1	P3	1
	5	P4	P4	P4	1	P4	1
	6	P5	P5	P5	1	P5	1
	7	P6	P6	P6	1	P6	1
	8	P7	P7	P7	1	P7	1
	9	P8	P8	P8	1	P8	1
	10	P9	P9	P9	1	P9	1
14	1	W1	W1	W1	1	W1	1
	2	P1	P1	P1	1	P1	1
	3	P2	P2	P2	1	P2	1
	4	P3	P3	P3	1	P3	1
	5	P4	P4	P4	1	P4	1
	6	P5	P5	P5	1	P5	1
	7	P6	P6	P6	1	P6	1
	8	P7	P7	P7	1	P7	1
	9	P8	P8	P8	1	P8	1
	10	P9	P9	P9	1	P9	1
15	1	W1	W1	W1	1	W1	1
	2	P1	P1	P1	1	P1	1
	3	P2	P2	P2	1	P2	1
	4	P3	P3	P3	1	P3	1
	5	P4	P4	P4	1	P4	1
	6	P5	P5	P5	1	P5	1
	7	P6	P6	P6	1	P6	1
	8	P7	P7	P7	1	P7	1
	9	P8	P8	P8	1	P8	1
	10	P9	P9	P9	1	P9	1
16	1	W1	W1	W1	1	W1	1
	2	P1	P1	P1	1	P1	1
	3	P2	P2	P2	1	P2	1
	4	P3	P3	P3	1	P3	1
	5	P4	P4	P4	1	P4	1
	6	P5	P5	P5	1	P5	1
	7	P6	P6	P6	1	P6	1
	8	P7	P7	P7	1	P7	1
	9	P8	P8	P8	1	P8	1
	10	P9	P9	P9	1	P9	1
17	1	W1	W1	W1	1	W1	1
	2	P1	P1	P1	1	P1	1
	3	P2	P2	P2	1	P2	1
	4	P3	P3	P3	1	P3	1
	5	P4	P4	P4	1	P4	1
	6	P5	P5	P5	1	P5	1
	7	P6	P6	P6	1	P6	1
	8	P7	P7	P7	1	P7	1
	9	P8	P8	P8	1	P8	1
	10	P9	P9	P9	1	P9	1
18	1	W1	W1	W1	1	W1	1
	2	P1	P1	P1	1	P1	1
	3	P2	P2	P2	1	P2	1
	4	P3	P3	P3	1	P3	1
	5	P4	P4	P4	1	P4	1
	6	P5	P5	P5	1	P5	1
	7	P6	P6	P6	1	P6	1
	8	P7	P7	P7	1	P7	1
	9	P8	P8	P8	1	P8	1
	10	P9	P9	P9	1	P9	1
19	1	W1	W1	W1	1	W1	1
	2	P1	P1	P1	1	P1	1
	3	P2	P2	P2	1	P2	1
	4	P3	P3	P3	1	P3	1
	5	P4	P4	P4	1	P4	1
	6	P5	P5	P5	1	P5	1
	7	P6	P6	P6	1	P6	1
	8	P7	P7	P7	1	P7	1
	9	P8	P8	P8	1	P8	1
	10	P9	P9	P9	1	P9	1
20	1	W1	W1	W1	1	W1	1
	2	P1	P1	P1	1	P1	1
	3	P2	P2	P2	1	P2	1
	4	P3	P3	P3	1	P3	1
	5	P4	P4	P4	1	P4	1
	6	P5	P5	P5	1	P5	1
	7	P6	P6	P6	1	P6	1
	8	P7	P7	P7	1	P7	1
	9	P8	P8	P8	1	P8	1
	10	P9	P9	P9	1	P9	1
21	1	W1	W1	W1	1	W1	1
	2	P1	P1	P1	1	P1	1
	3	P2	P2	P2	1	P2	1
	4	P3	P3	P3	1	P3	1
	5	P4	P4	P4	1	P4	1
	6	P5	P5	P5	1	P5	1
	7	P6	P6	P6	1	P6	1
	8	P7	P7	P7	1	P7	1
	9	P8	P8	P8	1	P8	1
	10	P9	P9	P9	1	P9	1
22	1	W1	W1	W1	1	W1	1
	2	P1	P1	P1	1	P1	1
	3	P2	P2	P2	1	P2	1
	4	P3	P3	P3	1	P3	1
	5	P4	P4	P4	1	P4	1
	6	P5	P5	P5	1	P5	1
	7	P6	P6	P6	1	P6	1
	8	P7	P7	P7	1	P7	1
	9	P8	P8	P8	1	P8	1
	10	P9	P9	P9	1	P9	1
23	1	W1	W1	W1	1	W1	1
	2	P1	P1	P1	1	P1	1
	3	P2	P2	P2	1	P2	1
	4	P3	P3	P3	1	P3	1
	5	P4	P4	P4	1	P4	1
	6	P5	P5	P5	1	P5	1
	7	P6	P6	P6	1	P6	1
	8	P7	P7	P7	1	P7	1
	9	P8	P8	P8	1	P8	1
	10	P9	P9	P9	1	P9	1
24	1	W1	W1	W1	1	W1	1
	2	P1	P1	P1	1	P1	1
	3	P2	P2	P2	1	P2	1
	4	P3	P3	P3	1	P3	1
	5	P4	P4	P4	1	P4	1
	6	P5	P5	P5	1	P5	1
	7	P6	P6	P6	1	P6	1
	8	P7	P7	P7	1	P7	1
	9	P8	P8	P8	1	P8	1
	10	P9	P9	P9	1	P9	1
25	1	W1	W1	W1	1	W1	1
	2	P1	P1	P1	1	P1	1
	3	P2	P2	P2	1	P2	1
	4	P3	P3	P3	1	P3	1
	5	P4	P4	P4	1	P4	1
	6	P5	P5	P5	1	P5	1
	7	P6	P6	P6	1	P6	1
	8	P7	P7	P7	1	P7	1
	9	P8	P8	P8	1	P8	1
	10	P9	P9	P9	1	P9	1
26	1	W1	W1	W1	1	W1	1
	2	P1	P1	P1	1	P1	1
	3	P2	P2	P2	1	P2	1
	4	P3	P3	P3	1	P3	1
	5	P4	P4	P4	1	P4	1
	6	P5	P5	P5	1	P5	1
	7	P6	P6	P6	1	P6	1
	8	P7	P7	P7	1	P7	1
	9	P8	P8	P8	1	P8	1

[illegible]

Dimensions

RSX1 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)

Length: 25.0" (63.5 cm) AASP
26.2" (66.3 cm) AARP
Width: 13.5" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
2.2" (5.6 cm) Arm

NOTE:
Pole mounting can also be used to mount on round pole by adding the mounting adapter plate shown here.

Notes

AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.2" min. square pole for mounting 2, 3, 4 at 90°.
AARP: Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 5.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

Dimensions

RSX1 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)

Length: 20.9" (53.2 cm)
Width: 13.5" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm

Additional Reference Drawings

RSX1 with Adjustable Tilt Arm with Wall Bracket (AAWB)

Length: 22.7" (58.6 cm)
Width: 13.5" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
3.9" (9.9 cm) Arm

Wall Bracket (WBA) Mounting Detail

One Lithonia Way • Gresham, Oregon 97030 • Phone: 1.800.221.5400 • www.lithonia.com
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Automotive Front Row - Rotated Optics (AFR90/R90)

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nLight Control - Sensor Coverage and Settings

Top

Side

PIRHN Night Sensor Coverage Pattern

Notes

PIRHN Night Sensor Coverage Pattern

FEATURES & SPECIFICATIONS

INTENDED USE

PIRHN is designed for use in applications where a high level of security is required. It is suitable for use in a variety of environments, including outdoor and indoor applications.

CONSTRUCTION

PIRHN is constructed from high quality materials and is designed to be durable and long-lasting. It is suitable for use in a variety of environments, including outdoor and indoor applications.

FINISH

PIRHN is finished with a high quality powder coat finish. It is suitable for use in a variety of environments, including outdoor and indoor applications.

OPTICS

PIRHN is equipped with a high quality optical system. It is suitable for use in a variety of environments, including outdoor and indoor applications.

ELECTRICAL

PIRHN is equipped with a high quality electrical system. It is suitable for use in a variety of environments, including outdoor and indoor applications.

STANDARD CONTROLS

PIRHN is equipped with a high quality standard control system. It is suitable for use in a variety of environments, including outdoor and indoor applications.

ALTERNATE CONTROLS

PIRHN is also available with a variety of alternate controls. It is suitable for use in a variety of environments, including outdoor and indoor applications.

INSTALLATION

PIRHN is designed for easy installation. It is suitable for use in a variety of environments, including outdoor and indoor applications.

MAINTENANCE

PIRHN is designed for easy maintenance. It is suitable for use in a variety of environments, including outdoor and indoor applications.

Lighting Details - P1 and P4
Midtown Center, Lot 1, Lots 4-7 & Outlot 1
Madison
Dane County, Wisconsin

vierbicher
planners | engineers | advisors
Phone: (800) 261-3888

SCALE	REVISIONS		REVISIONS	
	NO.	DATE	NO.	DATE
AS SHOWN				
DATE	02/28/2020			
DRAFTER	NUJH			
CHECKED	JZAM			
PROJECT NO.	190171			
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