

1/7/2020 9:25:10am Project File:19-0028 - Midtown - Midtown19-0028-A301_BLDG A.dwg Adison.lay.plt

2 BUILDING A - WEST ELEVATION 2

A301(A) 3/32" = 1'-0"



1 BUILDING A - WEST ELEVATION 1

A301(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 - 1/2 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 STORE FRONT, 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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Midtown Center -
Building A

Midtown 1 W

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LAND USE APPLICATION
01.08.2020

REVISIONS

DATE	01/08/2020
PROJECT #	19-0028
PHASE	LAND USE
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CHECKED BY	Checker

BUILDING A ELEVATIONS

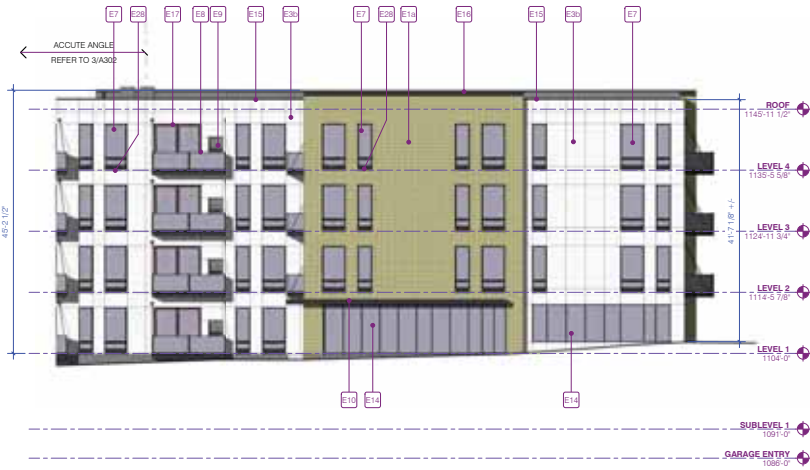
A301(A)

1/7/2020 9:25:19 AM Project File:19-0028 - Midtown - Midtown19-0028.A302_BLDG Adson Landmark.rvt



3 BUILDING A - MAIN ENTRY ELEVATION

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



2 BUILDING A - EAST ELEVATION 1

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 ELEVATIONS

A302(A)

1/7/2020 9:25:18 AM Project File: 19-0028 - Midtown - Midtown 19-0028 A303_BLDG A - Elevations.rvt



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 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
- 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
- E18 INSULATED HOLLOW METAL DOOR; PAINT TO MATCH ADJACENT MATERIAL
- E28 BREAK-METAL REVEAL TO MATCH WINDOW

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BUILDING A ELEVATIONS

A303(A)

GENERAL EXTERIOR NOTES:

1. -
2. -

KEYNOTES:

- E1a BRICK - 1/2 RB NORMAN - COLOR: BLUFF; COLORED MORTAR
- E1b EXTERIOR FINISH COLORED CONCRETE WITH FORM LINER - COLOR: GRAY
- E2 INTERNAL-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
- 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
- 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



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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BUILDING B ELEVATIONS

A304(B)

1/7/2020 9:30:18 AM: \\sdc\ProjectFiles\19-0026 - Madison Midtown\19-0026\A304_B_BDG_B Elevn.dwg: jay.dwt

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 CIVILLANDSCAPE
- E28 BREAK-METAL REVEAL TO MATCH WINDOW

GENERAL EXTERIOR NOTES:

1. -
2. -



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"

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BUILDING B ELEVATIONS

A305(B)

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GENERAL EXTERIOR NOTES:

1. -
2. -

KEYNOTES:

- E1a BRICK - 1/2 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
- E3a FIBER CEMENT FLAT PANEL SIDING - WHITE PAINT
- E3b 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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 Building B
 Madison 1 WI

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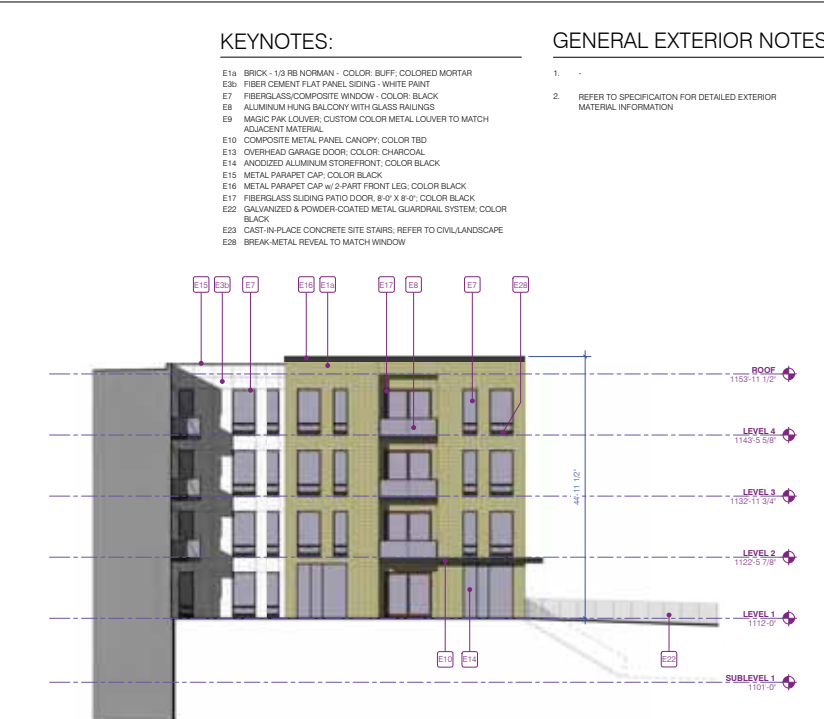
**BUILDING B
 ELEVATIONS**

A306(B)

1/7/2020 10:10:10 AM - Midtown Center - Building C - Elevations.dwg



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"

KEYNOTES:

- E14 BRICK - 1/8 RB NORMAN - COLOR: BUFF, COLORED MORTAR
- E30 FIBER CEMENT FLAT PANEL SIDING - WHITE PAINT
- E7 FIBERGLASS/COMPOSITE WINDOW - COLOR: BLACK
- E8 ALUMINUM HINGE BALCONY WITH GLASS RAILINGS
- E9 MAGIC PAK LOUVER, CUSTOM COLOR METAL LOUVER TO MATCH ADJACENT MATERIAL
- E10 COMPOSITE METAL PANEL CANOPY, COLOR TRID
- 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
- 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

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Building C
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BUILDING C ELEVATIONS

A308(C)

17/2020 31 C:\Revit\Project Files\19-0028 - Madison Midtown\19-0028-A309_BLDG C.elevation.rvt

GENERAL EXTERIOR NOTES:

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

KEYNOTES:

- E1a BRICK - 1/8 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
- E2b 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
- E29 CAST-IN-PLACE CONCRETE RETAINING WALL, REFER TO CIVIL



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

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Building C

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**BUILDING C
ELEVATIONS**

A309(C)

1/7/2020 10:42:18 AM \\Bent\ProjectFiles\19-0026 - Madison Midtown\19-0026\AL100_1_BLDG_B below land.pdf



1 AL100.01 - LEVEL 0 - SUBLEVEL 1

AL100.01 1" = 30'-0"

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

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 Midtown Center -
 Building B
 Madison 1 WI

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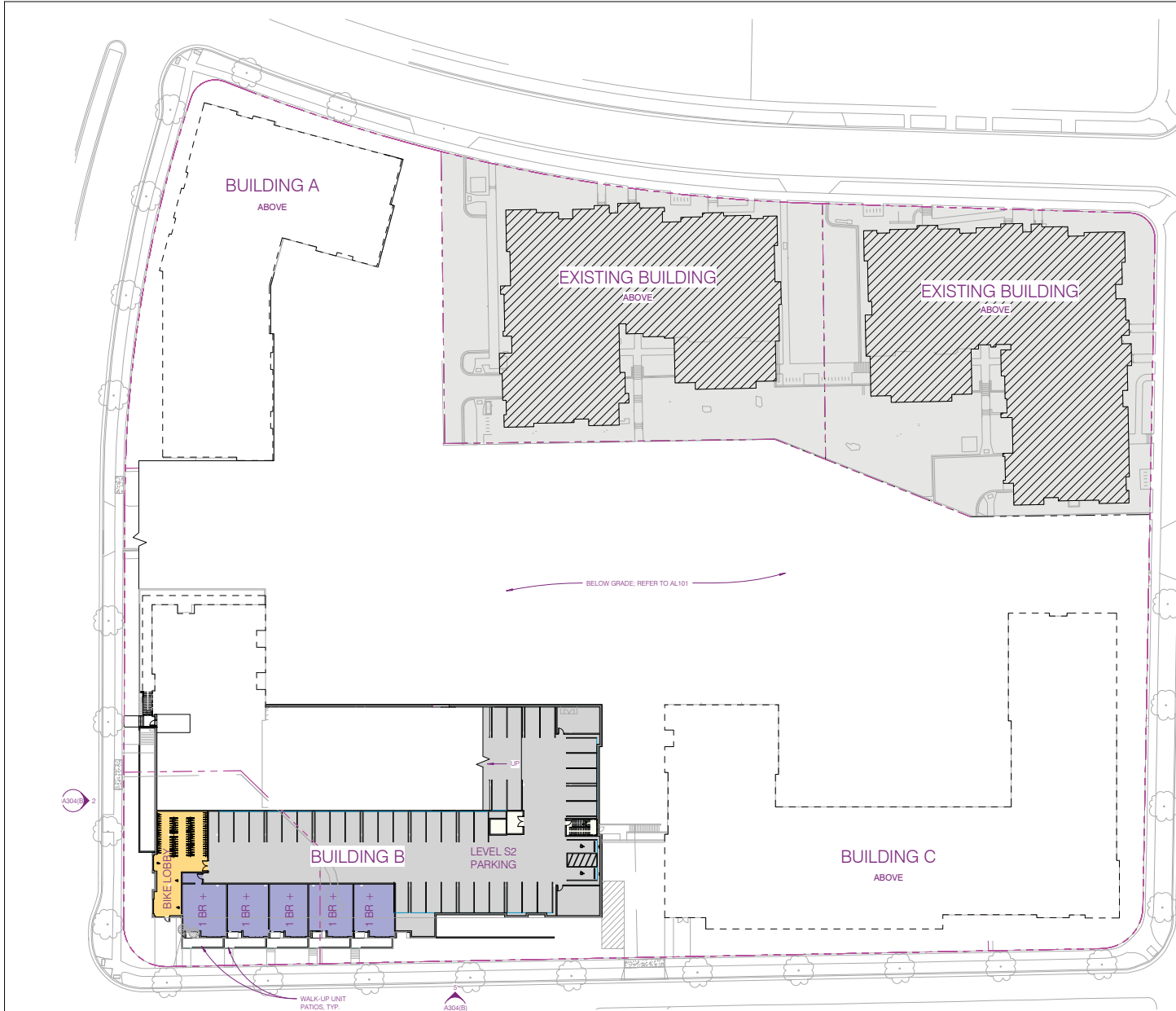
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OVERALL PLAN -
 'SUBLEVEL 1'

AL100.01

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

1 AL100.02 - LEVEL 0 - SUBLEVEL 2
 L100.02 1" = 30'-0"



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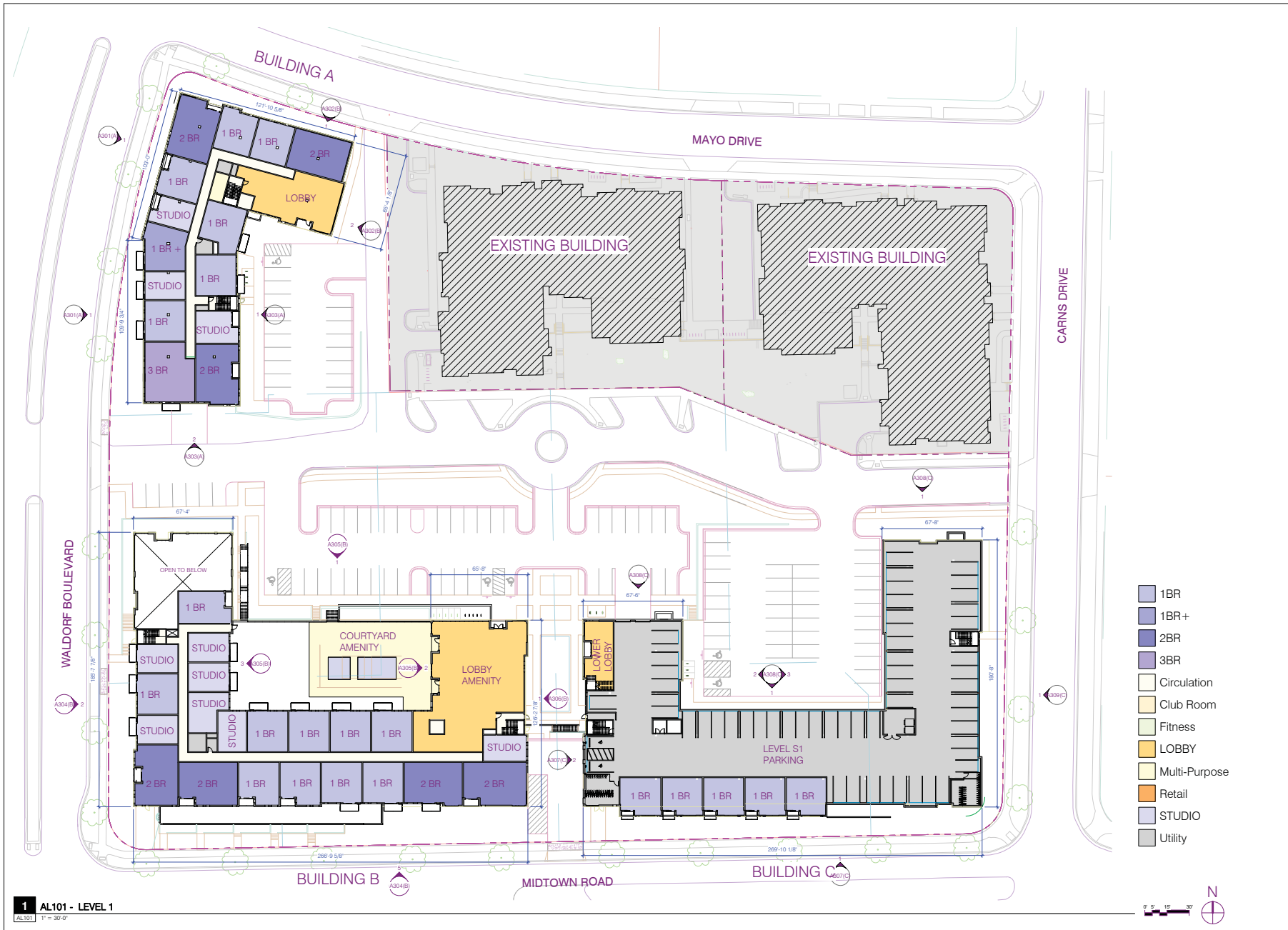
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**OVERALL PLAN -
 'SUBLEVEL 2'**

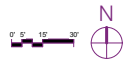
AL100.02

1/7/2020 9:40:10 AM \\Bent\Project Files\19-0026 - Madison Midtown\19-0026\AL101_BLDG B.dwg B:\bent\lanj\lrx



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

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



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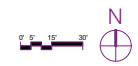
OVERALL PLAN -
LEVEL 1

AL101

1/7/2020 14:42:08 - Revit Project Fresh 19-0203 - Midtown 19-0203 ADL_BLDG E - Devon Jandryk.rvt



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



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

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 Building B
 Madison 1/1/

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**OVERALL PLAN -
 LEVEL 2**

AL102

1/7/2020 9:42:08 AM - Work Project Floor Plans - Midtown 19-0228 - ADL_BLDG E - Devon Jandry.rvt



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



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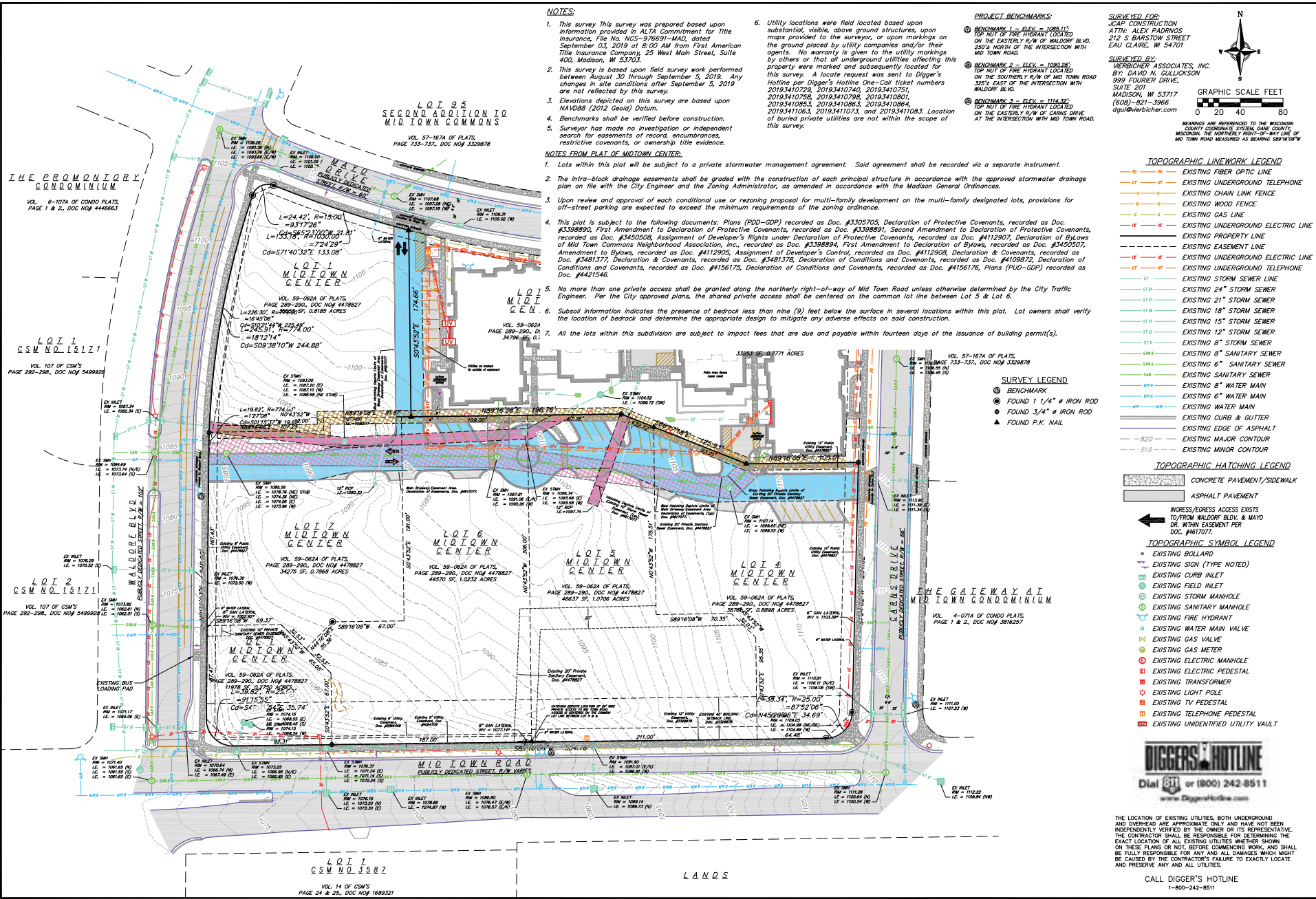
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01.08.2020

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DATE PROJECT # 01/08/2020
PHASE 19-0228
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**OVERALL PLAN -
LEVEL 3**



NOTES:

- This survey was prepared based upon information provided in ALTA Commitment for Title Insurance, File No. NCS-976691-MAD, dated September 03, 2019 of First American Title Insurance Company, 25 West Main Street, Suite 400, Madison, WI 53703.
 - This survey is based upon field survey work performed between August 30 through September 5, 2019. Any changes in site conditions after September 5, 2019 are not reflected by this survey.
 - Elevations depicted on this survey are based upon NAD83 (2011 Geoid) Datum.
 - Benchmarks shall be verified before construction.
 - Surveyor has made no investigation or independent search for easements of record, encroachments, restrictive covenants, or ownership title evidence.
- NOTES FROM PLAT OF MIDTOWN CENTER:**
- Lots within this plat will be subject to a private stormwater management agreement. Said agreement shall be recorded via a separate instrument.
 - The intra-block drainage easements shall be graded with the construction of each principal structure in accordance with the approved stormwater drainage plan on file with the City Engineer and the Zoning Administrator, as amended in accordance with the Madison General Ordinances.
 - Upon review and approval of each conditional use or rezoning proposal for multi-family development on the multi-family designated lots, provisions for off-street parking are expected to exceed the minimum requirements of the zoning ordinance.
 - This plat is subject to the following documents: Plans (PUD-GDP) recorded as Doc. #3305705, Declaration of Protective Covenants, recorded as Doc. #3338890, First Amendment to Declaration of Protective Covenants, recorded as Doc. #3338891, Second Amendment to Declaration of Protective Covenants, recorded as Doc. #3450508, Assignment of Developer's Rights under Declaration of Protective Covenants, recorded as Doc. #4112907, Declaration of Bylaws of Mid Town Commons Neighborhood Association, Inc., recorded as Doc. #3398894, First Amendment to Declaration of Bylaws, recorded as Doc. #3450507, Amendment to Bylaws, recorded as Doc. #4112905, Assignment of Developer's Control, recorded as Doc. #4112908, Declaration & Covenants, recorded as Doc. #3481371, Declaration & Covenants, recorded as Doc. #3481378, Declaration of Conditions and Covenants, recorded as Doc. #4108872, Declaration of Conditions and Covenants, recorded as Doc. #4156175, Declaration of Conditions and Covenants, recorded as Doc. #4156176, Plans (PUD-GDP) recorded as Doc. #4421546.
 - No more than one private access shall be granted along the northerly right-of-way of Mid Town Road unless otherwise determined by the City Traffic Engineer. Per the City approved plans, the shared private access shall be centered on the common lot line between Lot 5 & Lot 6.
 - Subsoil information indicates the presence of bedrock less than nine (9) feet below the surface in several locations within this plat. Lot owners shall verify the location of bedrock and determine the appropriate design to mitigate any adverse effects on said construction.
 - All the lots within this subdivision are subject to impact fees that are due and payable within fourteen days of the issuance of building permit(s).

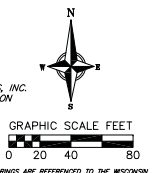
PROJECT BENCHMARKS:

- BENCHMARK 1 = ELEV. = 1085.11'; TOP NUT OF FIRE HYDRANT LOCATED ON THE EASTERLY R/W OF WALKER BLVD. 252.5' NORTH OF THE INTERSECTION WITH MID TOWN ROAD
- BENCHMARK 2 = ELEV. = 1080.82'; TOP NUT OF FIRE HYDRANT LOCATED ON THE SOUTHERLY R/W OF MID TOWN ROAD 325.5' EAST OF THE INTERSECTION WITH WALKER BLVD.
- BENCHMARK 3 = ELEV. = 1114.32'; TOP NUT OF FIRE HYDRANT LOCATED ON THE EASTERLY R/W OF CANONS DRIVE AT THE INTERSECTION WITH MID TOWN ROAD

SURVEYED FOR:

JCAP CONSTRUCTION
ATTN: ALEX PLAGONIS
212 S. BARSTOW STREET
EAU CLAIRE, WI 54701

SURVEYED BY:
VERIBICHER ASSOCIATES, INC.
BY: DAVID M. GULLOCCSON
999 FOURIER DRIVE,
SUITE 201
MADISON, WI 53717
(608)-821-3966
dgu@veribicher.com



REMARKS ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, NAME COUNTY: WISCONSIN, THE NORTHERLY RIGHT-OF-WAY LINE OF MID TOWN ROAD MEASURED AS BEING 3876.21' W.

TOPOGRAPHIC LINework LEGEND

- EXISTING FIBER OPTIC LINE
- EXISTING UNDERGROUND TELEPHONE
- EXISTING CHAIN LINK FENCE
- EXISTING WOOD FENCE
- EXISTING GAS LINE
- EXISTING UNDERGROUND ELECTRIC LINE
- EXISTING PROPERTY LINE
- EXISTING EASEMENT LINE
- EXISTING UNDERGROUND ELECTRIC LINE
- EXISTING UNDERGROUND TELEPHONE
- EXISTING STORM SEWER LINE
- EXISTING 24" STORM SEWER
- EXISTING 21" STORM SEWER
- EXISTING 18" STORM SEWER
- EXISTING 15" STORM SEWER
- EXISTING 12" STORM SEWER
- EXISTING 8" STORM SEWER
- EXISTING 6" SANITARY SEWER
- EXISTING 6" SANITARY SEWER
- EXISTING SANITARY SEWER
- EXISTING 6" WATER MAIN
- EXISTING 6" WATER MAIN
- EXISTING WATER MAIN
- EXISTING CURB & GUTTER
- EXISTING EDGE OF ASPHALT
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR

SURVEY LEGEND

- BENCHMARK
- FOUND 1 1/4" # IRON ROD
- FOUND 3/4" # IRON ROD
- ▲ FOUND P.K. NAIL

TOPOGRAPHIC HATCHING LEGEND

- CONCRETE PAVEMENT/SIDEWALK
- ASPHALT PAVEMENT
- INGRESS/EGRESS ACCESS EXISTS TO/FROM WALKWAY BLVD. & WATO DR. WITH EASEMENT PER DEC. #461077.

TOPOGRAPHIC SYMBOL LEGEND

- EXISTING BOLLARD
- EXISTING SIGN (TYPE NOTED)
- EXISTING CURB INLET
- EXISTING FIELD INLET
- EXISTING STORM MANHOLE
- EXISTING SANITARY MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING WATER MAIN VALVE
- EXISTING GAS VALVE
- EXISTING GAS METER
- EXISTING ELECTRIC MANHOLE
- EXISTING ELECTRIC PEDESTAL
- EXISTING TRANSFORMER
- EXISTING LIGHT POLE
- EXISTING TV PEDESTAL
- EXISTING TELEPHONE PEDESTAL
- EXISTING UNIDENTIFIED UTILITY VAULT

DIGGERS HOTLINE
Dial 811 or (800) 242-8511
www.DiggersHotline.com

THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT, BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.

CALL DIGGER'S HOTLINE
1-800-242-8511

veribicher
planners | engineers | advisors
Phone: (800) 26-3886

Existing Conditions
Midtown Center, Lot 1, Lots 4-7 & Outlot 1
Madison
Dane County, Wisconsin

NO.	REVISIONS	DATE	REMARKS

SCALE: AS SHOWN

DATE: 1/08/2020

DRAWN: NASH

CHECKED: JEM

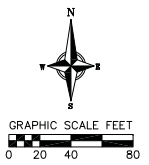
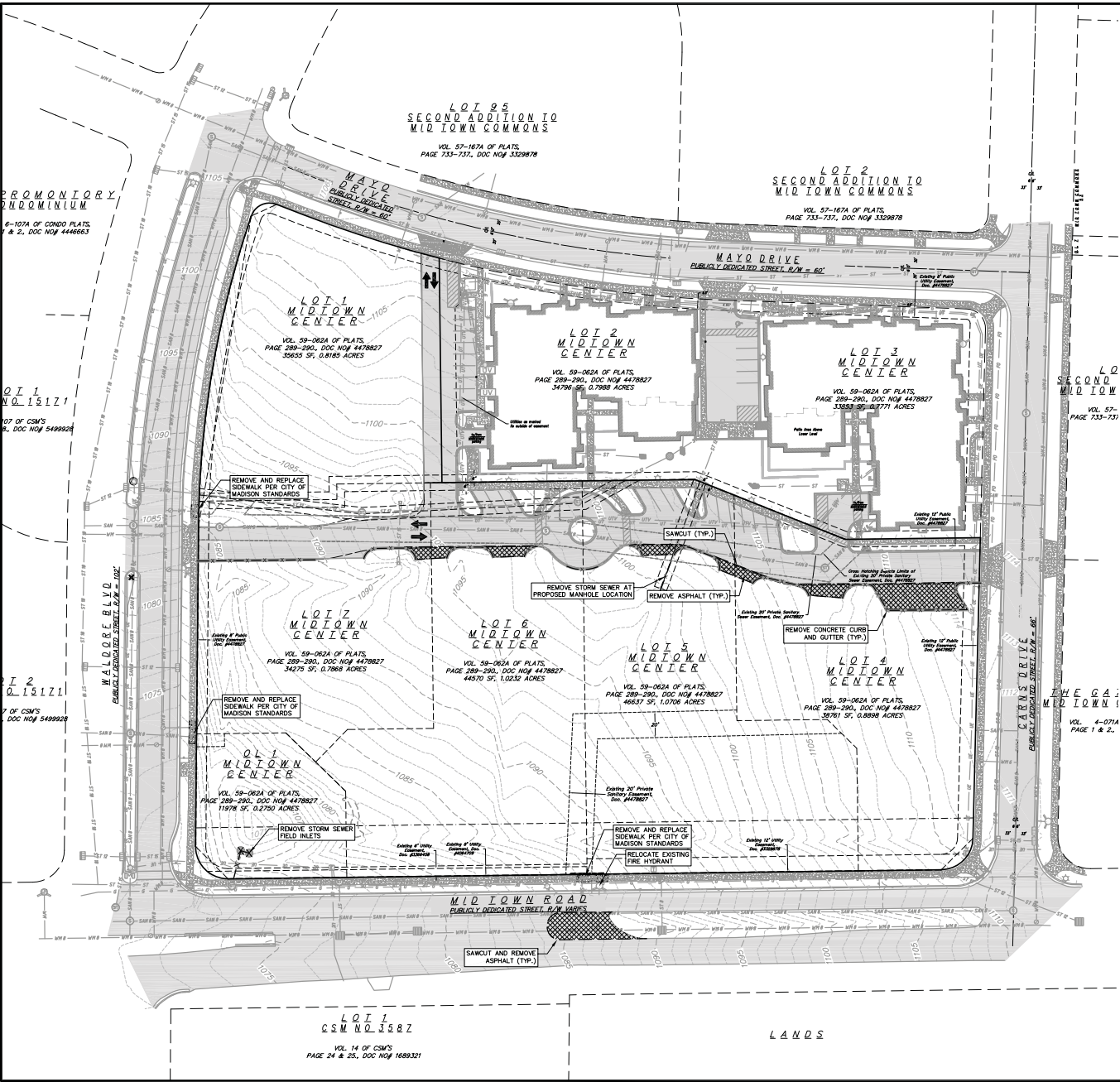
PROJECT NO.: 19071

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07 Jan 2020 - 2:49P - W:\LICap Construction\190171_Midtown Commons\CADD\190171_Engineering\Construction.dwg by: rjph



- DEMOLITION PLAN LEGEND**
- CURB AND GUTTER REMOVAL
 - ASPHALT REMOVAL
 - CONCRETE REMOVAL
 - SAWCUT
 - UTILITY STRUCTURE REMOVAL
 - UTILITY LINE REMOVAL



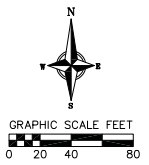
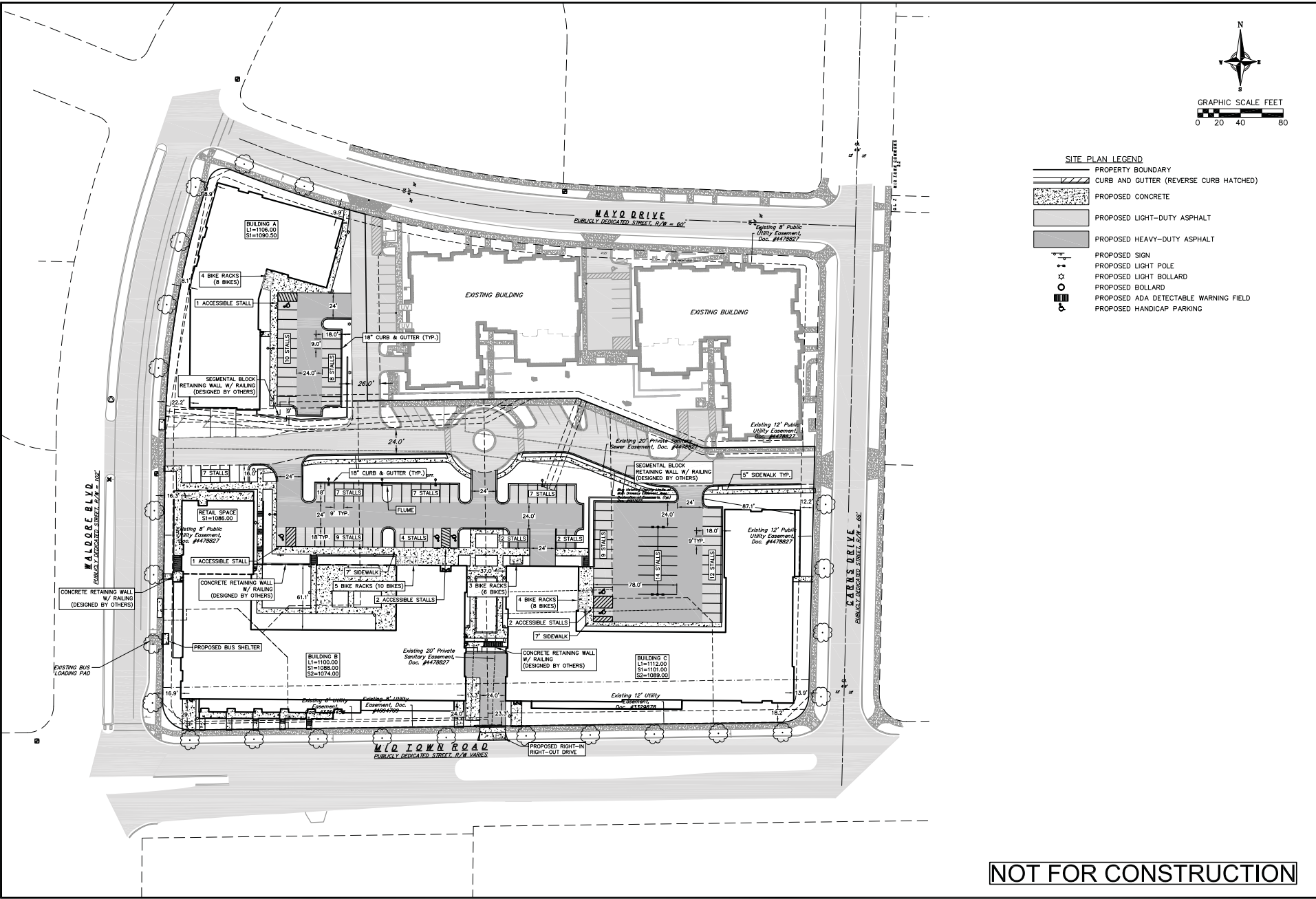
Demolition Plan
 Midtown Center, Lot 1, Lots 4-7 and Outlot 1
 Madison
 Dane County, Wisconsin

NO.	REVISIONS	DATE	REMARKS

SCALE: AS SHOWN
 DATE: 1/08/2020
 DESIGNER: NJM
 CHECKED: JZM
 PROJECT NO.: 190171

NOT FOR CONSTRUCTION

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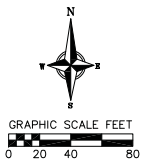
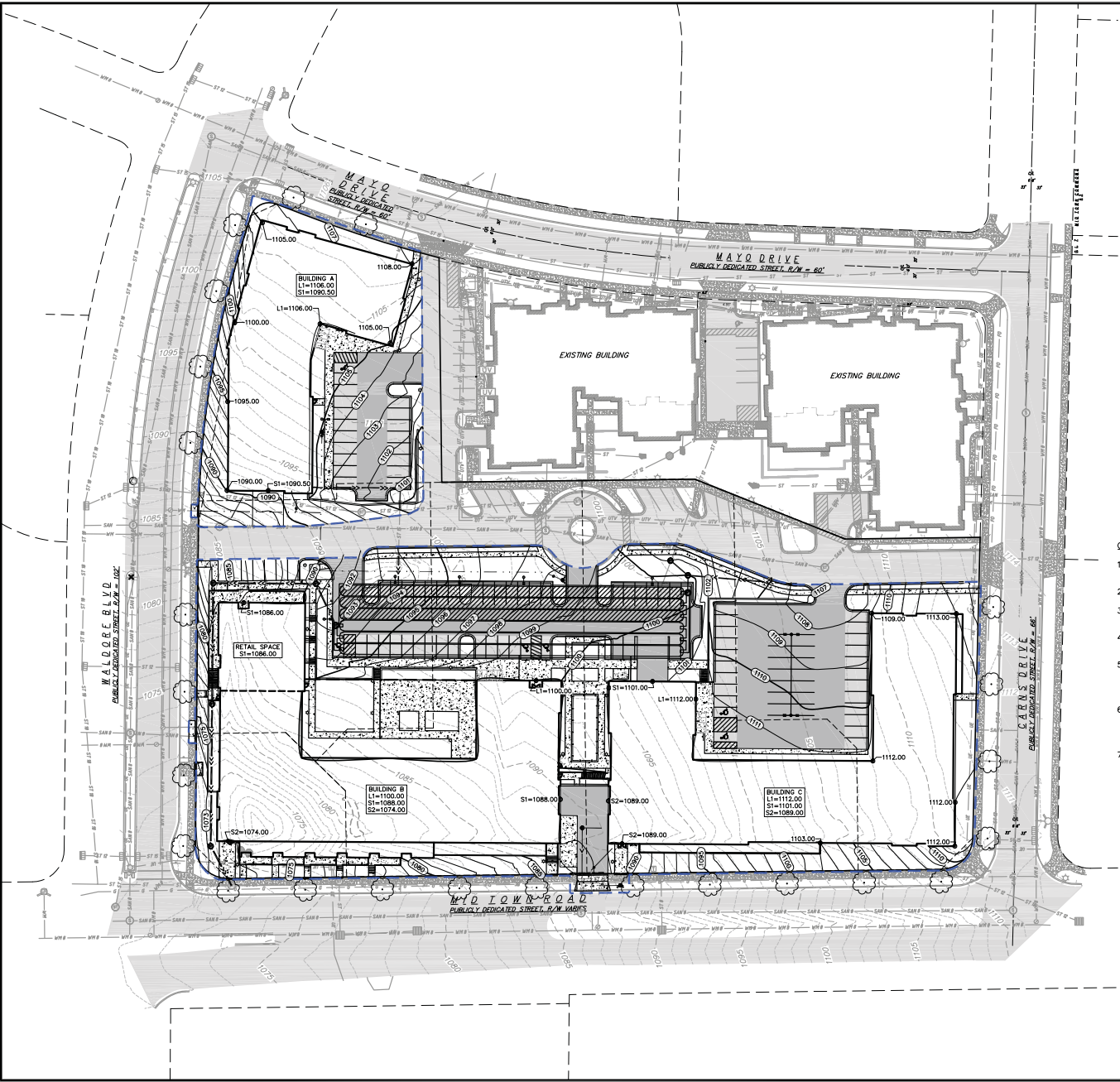


- SITE PLAN LEGEND**
- PROPERTY BOUNDARY
 - CURB AND GUTTER (REVERSE CURB HATCHED)
 - PROPOSED CONCRETE
 - PROPOSED LIGHT-DUTY ASPHALT
 - PROPOSED HEAVY-DUTY ASPHALT
 - PROPOSED SIGN
 - PROPOSED LIGHT POLE
 - PROPOSED LIGHT BOLLARD
 - PROPOSED BOLLARD
 - PROPOSED ADA DETECTABLE WARNING FIELD
 - PROPOSED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

NO.	DATE	REVISIONS	NO.	DATE	REVISIONS

SCALE: AS SHOWN
DATE: 1/08/2020
DESIGNER:
INCH:
CHECKED: JZM
PROJECT NO.: 190171

NOT FOR CONSTRUCTION



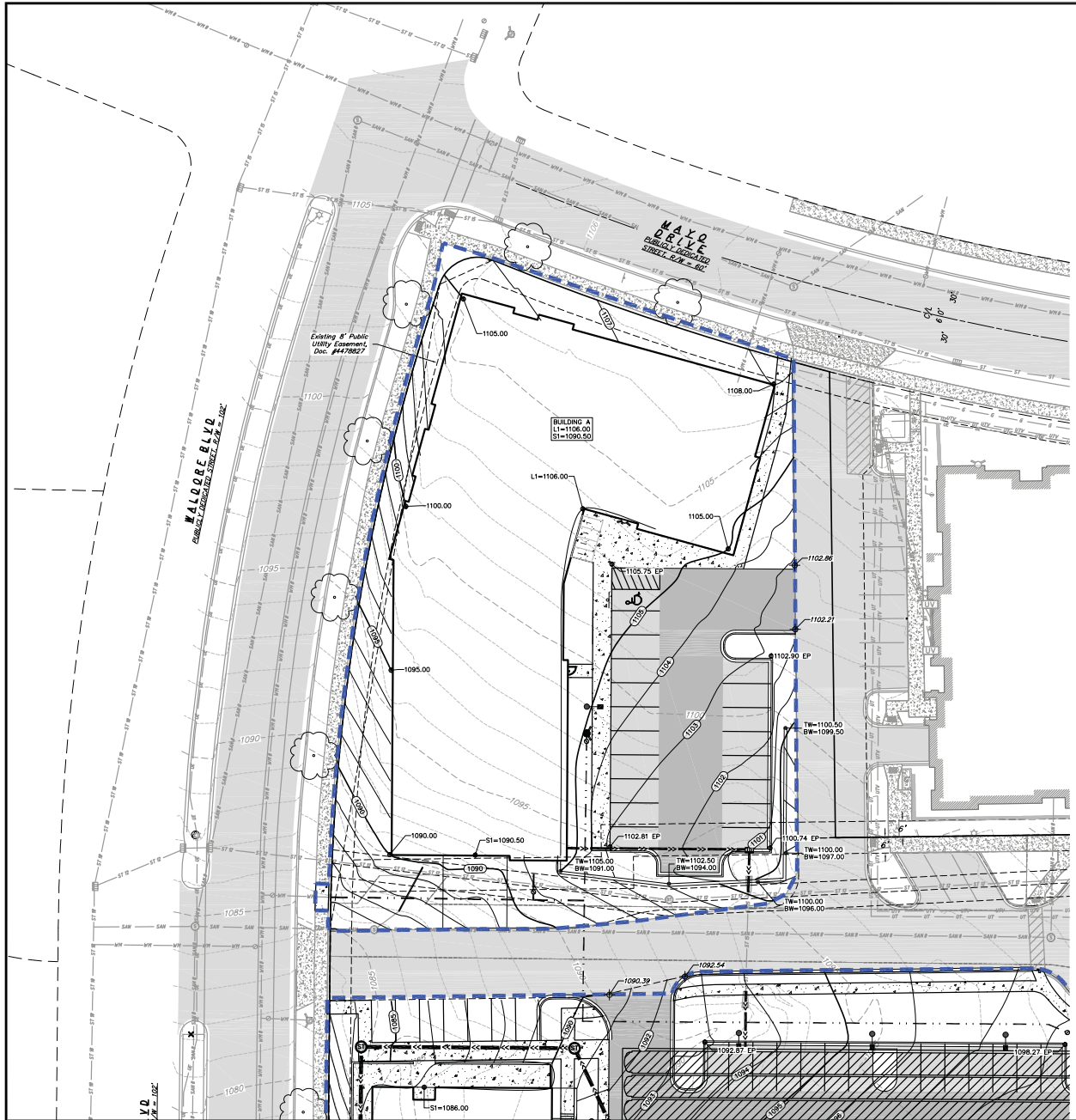
- GRADING LEGEND**
- - - 820 - - - EXISTING MAJOR CONTOURS
 - - - 810 - - - EXISTING MINOR CONTOURS
 - - - 820 - - - PROPOSED MAJOR CONTOURS
 - - - 810 - - - PROPOSED MINOR CONTOURS
 - - - 810 - - - SILT FENCE
 - - - 810 - - - DISTURBED LIMITS
 - - - 810 - - - DRAINAGE DIRECTION
 - - - 810 - - - PROPOSED 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.

NO.	DATE	REVISIONS	REMARKS

SCALE AS SHOWN
DATE 1/08/2020
DRAFTER NJM
CHECKED JZM
PROJECT NO. 190171

NOT FOR CONSTRUCTION



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GRAPHIC SCALE FEET
0 10 20 40

GRADING LEGEND

- - - 820 - - - EXISTING MAJOR CONTOURS
- - - 810 - - - EXISTING MINOR CONTOURS
- - - 820 - - - PROPOSED MAJOR CONTOURS
- - - 810 - - - PROPOSED MINOR CONTOURS
- - - 810 - - - SILT FENCE
- - - 810 - - - DISTURBED LIMITS
- 2.92% → DRAINAGE DIRECTION
- ↗ 1048.61 PROPOSED SLOPE ARROWS
- 1048.61 EXISTING SPOT ELEVATIONS
- 1048.61 PROPOSED SPOT ELEVATIONS

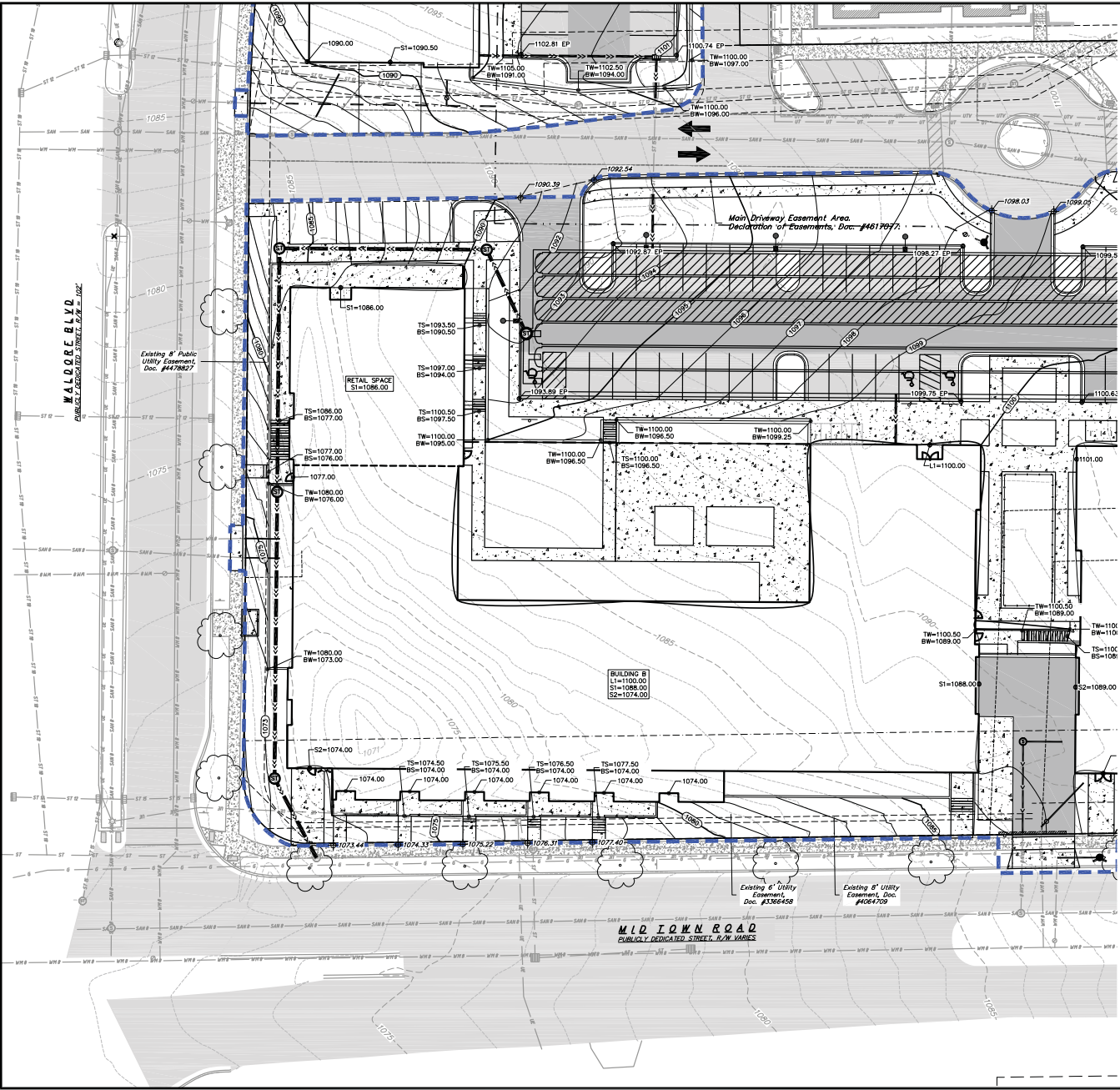
ABBREVIATIONS

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NOT FOR CONSTRUCTION

NO.	REVISIONS	REMARKS	NO.	DATE	REVISIONS	REMARKS



GRADING LEGEND

- 8.20 - EXISTING MAJOR CONTOURS
- 8.10 - EXISTING MINOR CONTOURS
- 8.20 - PROPOSED MAJOR CONTOURS
- 8.10 - PROPOSED MINOR CONTOURS
- - - - SILT FENCE
- - - - DISTURBED LIMITS
- - - - DRAINAGE DIRECTION
- - - - 2.92% PROPOSED SLOPE ARROWS
- - - - 1048.61 EXISTING SPOT ELEVATIONS
- - - - 1048.61 PROPOSED SPOT ELEVATIONS

ABBREVIATIONS

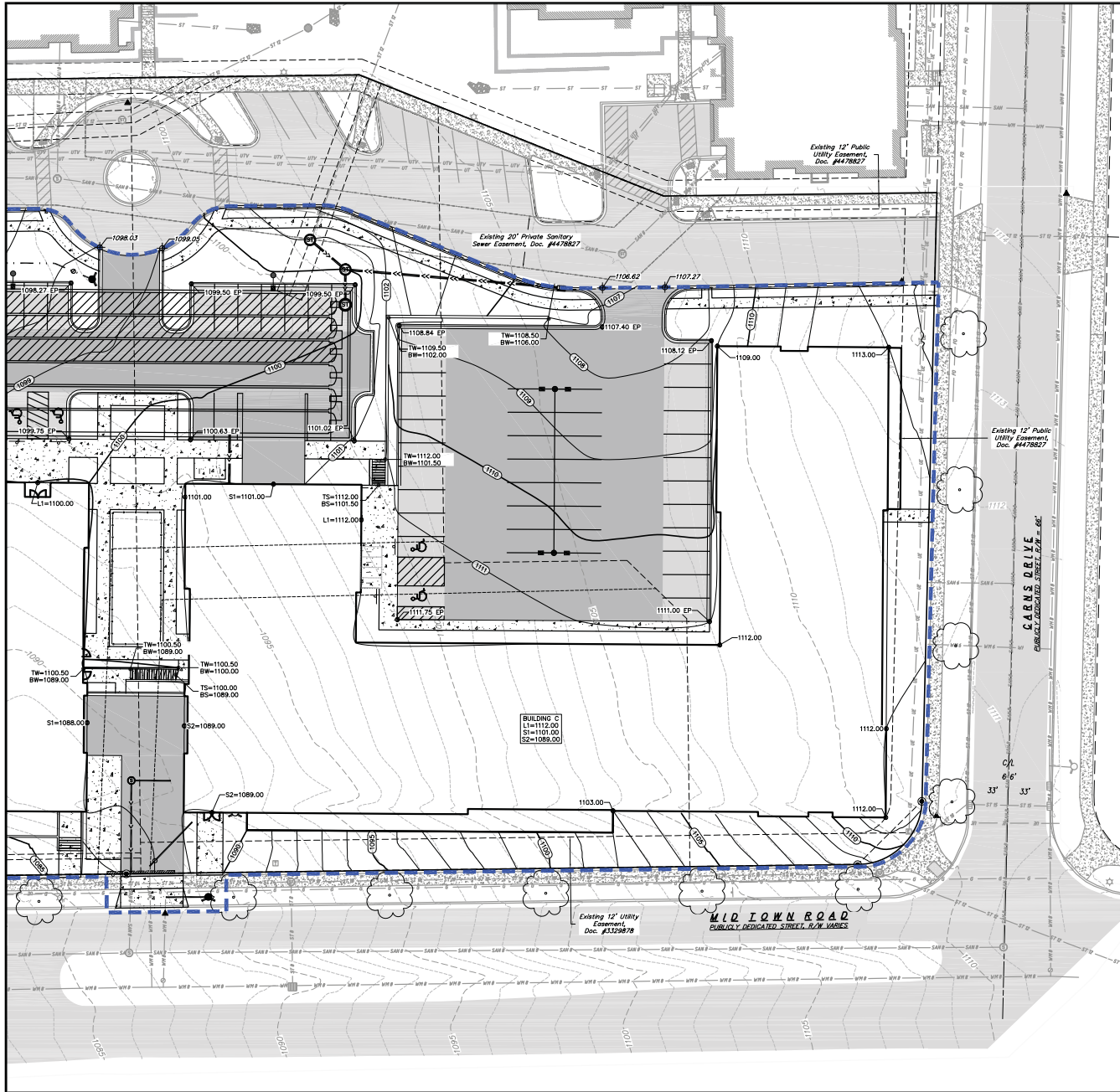
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7. TYPICAL SIDEWALK CROSS SECTION IS 1.5% SLOPE. THIS APPLIES TO ALL WALKWAYS IN THIS PLAN UNLESS OTHERWISE NOTED.

SCALE	AS SHOWN
DATE	1/08/2020
DRAWN BY	NJSH
CHECKED BY	JZAM
PROJECT NO.	190171

NOT FOR CONSTRUCTION



GRADING LEGEND

- - - 820 - - - EXISTING MAJOR CONTOURS
- - - 810 - - - EXISTING MINOR CONTOURS
- - - 620 - - - PROPOSED MAJOR CONTOURS
- - - 610 - - - PROPOSED MINOR CONTOURS
- - - 610 - - - SILT FENCE
- - - - - DISTURBED LIMITS
- - - - - DRAINAGE DIRECTION
- - - - - PROPOSED SLOPE ARROWS
- - - - - EXISTING SPOT ELEVATIONS
- - - - - PROPOSED SPOT ELEVATIONS

ABBREVIATIONS

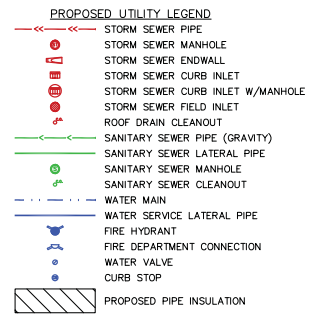
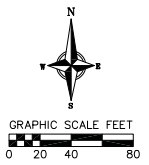
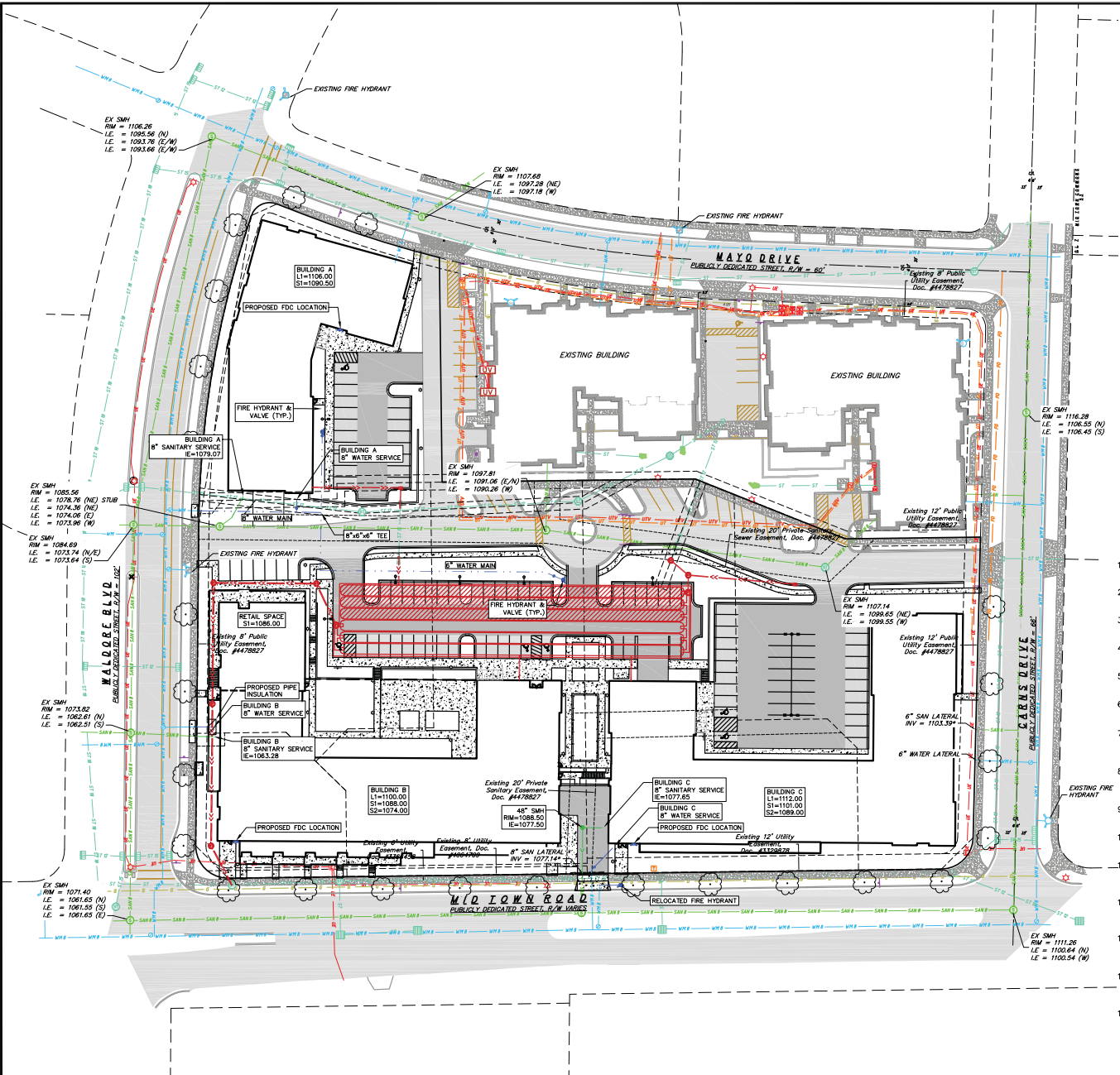
- TL - TOP OF CURB
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GRADING PLAN/SITE CONSTRUCTION NOTES:

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.
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7. TYPICAL SIDEWALK CROSS SECTION IS 1.5% SLOPE. THIS APPLIES TO ALL WALKWAYS IN THIS PLAN UNLESS OTHERWISE NOTED.

NO.	DATE	REVISIONS	REMARKS

NOT FOR CONSTRUCTION



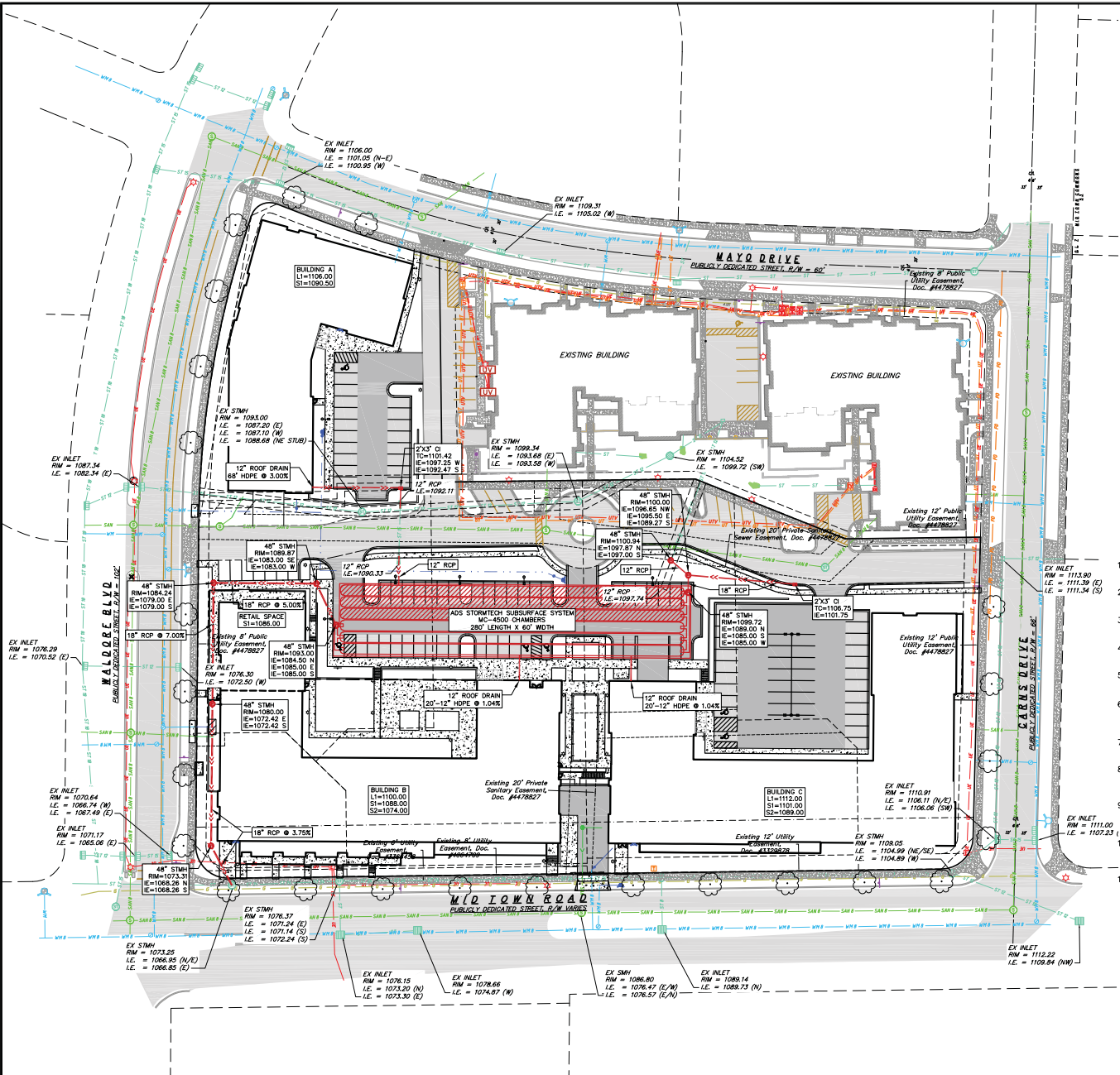
UTILITY NOTES:

1. 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.
2. CONTRACTOR SHALL INVESTIGATE ALL UTILITY CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL UTILITY STRUCTURES (MANHOLE RIMS, WATER VALVES, AND CURB STOPS), IF NECESSARY.
4. CONTRACTOR SHALL OBTAIN ANY NECESSARY WORK IN RIGHT-OF-WAY, EXCAVATION, UTILITY CONNECTION, PLUGGING, ABANDONMENT, AND DRIVEWAY CONNECTION PERMITS PRIOR TO CONSTRUCTION.
5. 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.
6. 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).
7. 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 384.30-5 OF SPS 384.30(2)(c).
8. 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(1)(a) AND SPS 382.40(8)(a).
9. EXTERIOR WATER SUPPLY PIPING SETBACKS AND CROSSINGS SHALL BE IN ACCORDANCE WITH SPS 382.40(6)(b).
10. 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.
11. 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.
12. 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.
14. 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.
15. 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.

NOT FOR CONSTRUCTION

NO.	DATE	REVISIONS	REMARKS

AS SHOWN
DATE: 1/28/2020
DESIGNER: NUSH
CHECKED: JZAN
PROJECT NO.: 19171



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 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:

1. 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.
2. CONTRACTOR SHALL INVESTIGATE ALL UTILITY CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL UTILITY STRUCTURES (MANHOLE RIMS, WATER VALVES, AND CURB STOPS), IF NECESSARY.
4. CONTRACTOR SHALL OBTAIN ANY NECESSARY WORK IN RIGHT-OF-WAY, EXCAVATION, UTILITY CONNECTION, PLUGGING, ABANDONMENT, AND DRIVEWAY CONNECTION PERMITS PRIOR TO CONSTRUCTION.
5. STORM BUILDING SEWER PIPE SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-6 OF SPS 384.30(3)(c).
6. 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).
7. 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.
8. 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.
9. 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.
10. 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.
11. CLEAN OUT ALL EXISTING AND PROPOSED STORM INLETS AND CATCH BASINS AT THE COMPLETION OF CONSTRUCTION.

NOT FOR CONSTRUCTION

NO.	DATE	REVISIONS	REMARKS

SCALE: AS SHOWN

DATE: 1/08/2020

DESIGNER: NUSH

CHECKED: JZAN

PROJECT NO.: 190171

C

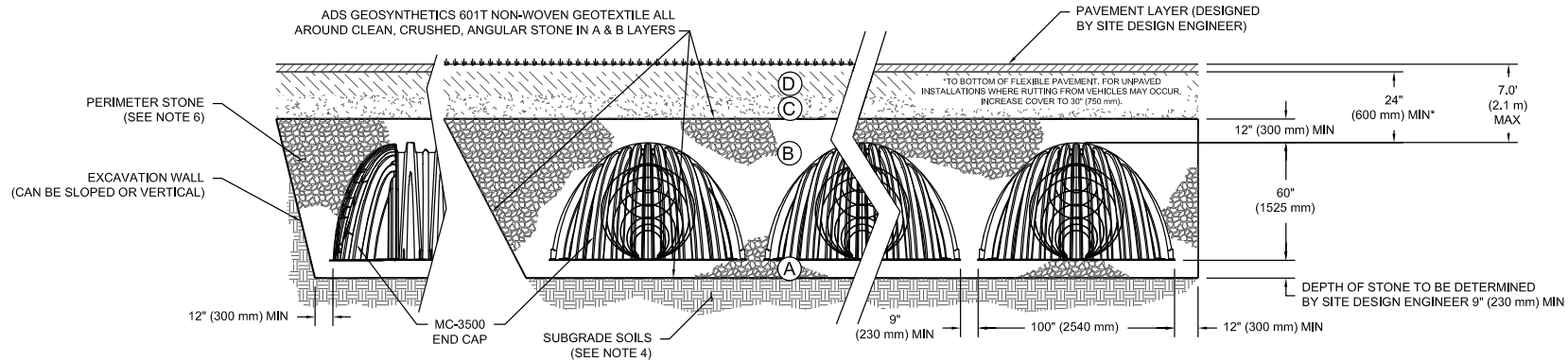
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ACCEPTABLE FILL MATERIALS: STORMTECH MC-4500 CHAMBER SYSTEMS

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	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.	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.	AASHTO M43 3, 4	NO COMPACTION REQUIRED.
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	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:

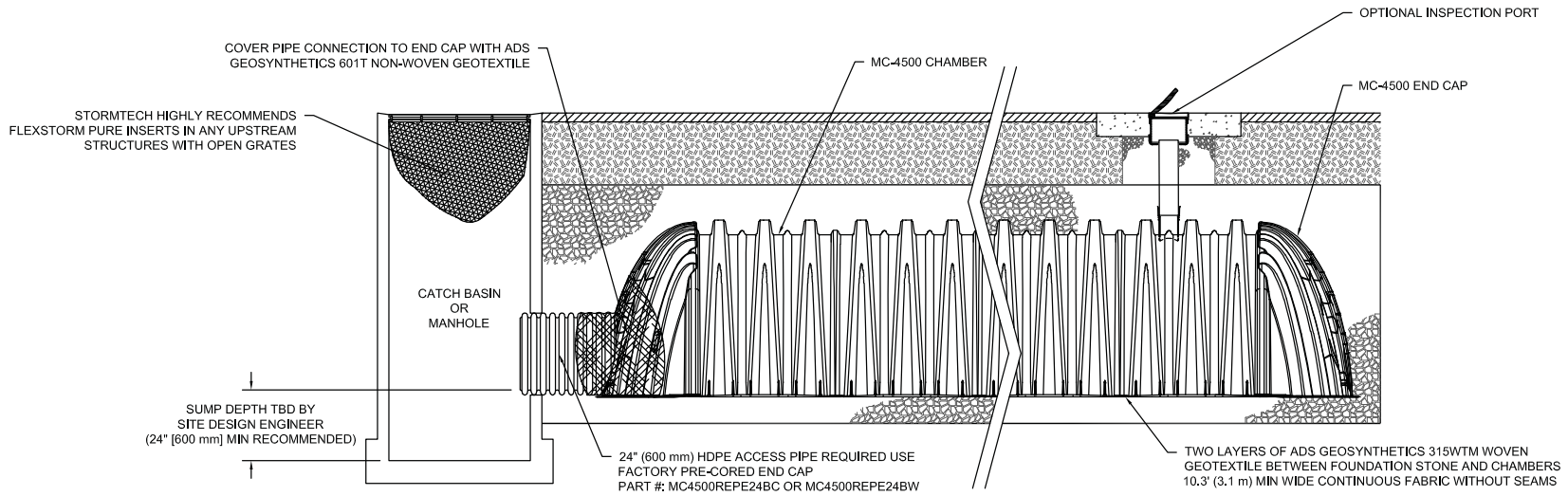
1. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418-16a, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 60x101
2. MC-4500 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC 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.

REV. NO.	DATE	REVISIONS	REMARKS

SCALE	AS SHOWN
DATE	1/28/2020
DESIGNER	JZM
CHECKED	JZM
PROJECT NO.	190171

C

600



MC-4500 ISOLATOR ROW DETAIL
NTS

INSPECTION & MAINTENANCE

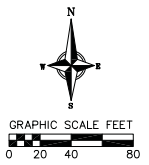
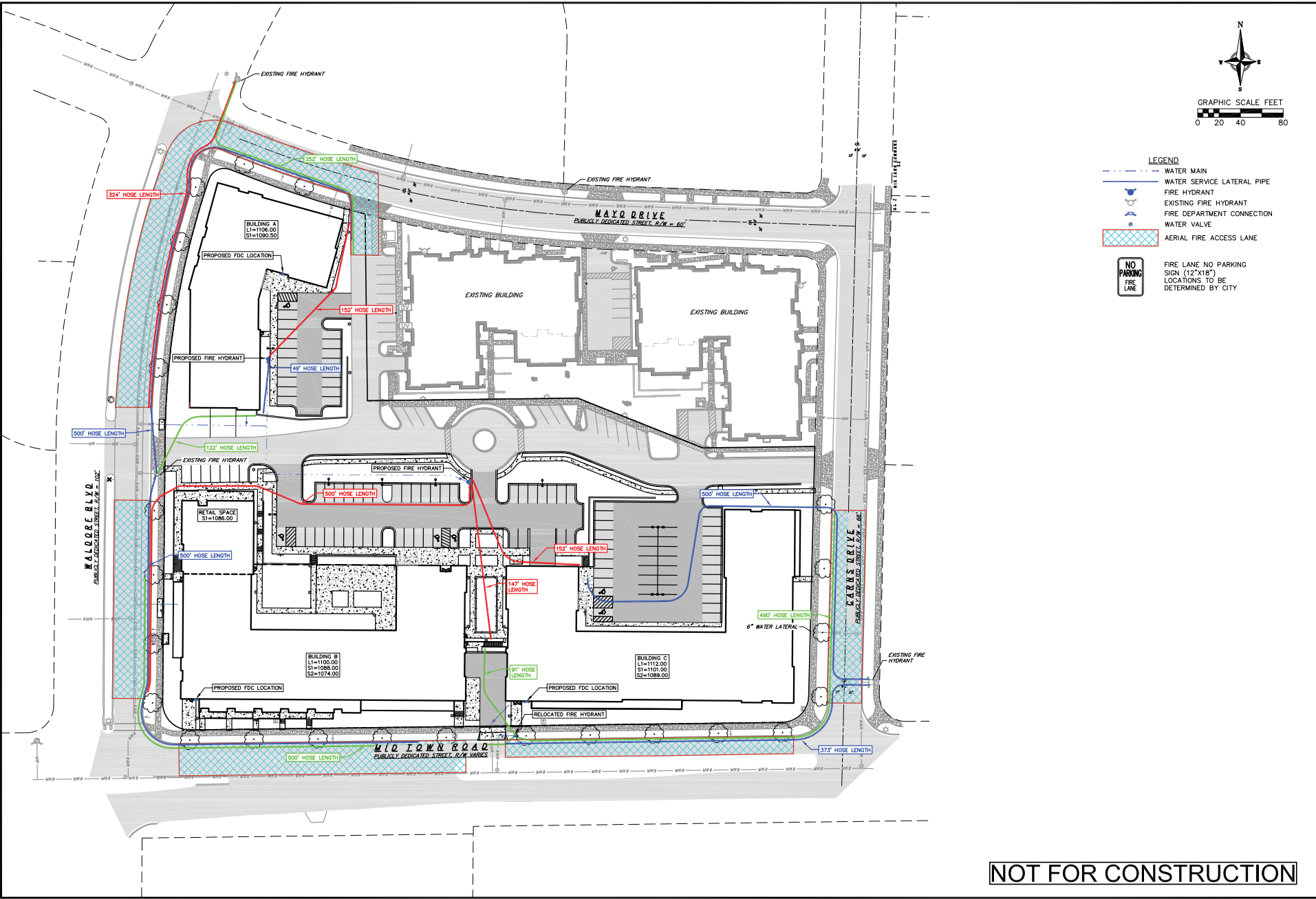
- STEP 1) INSPECT ISOLATOR ROW FOR SEDIMENT
- A. INSPECTION PORTS (IF PRESENT)
 - A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
 - A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
 - A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
 - A.4. LOWER A CAMERA 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.

NO.	DATE	REVISIONS	REMARKS

SCALE: AS SHOWN
DATE: 1/08/2020
DRAWN: JZM
CHECKED: JZM
PROJECT NO.: 190171



- 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

NO.	DATE	REVISIONS	REMARKS

NOT FOR CONSTRUCTION

