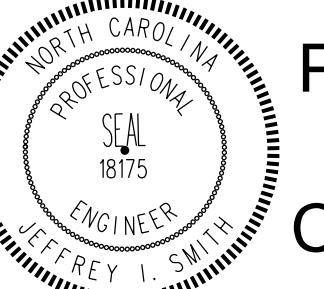




Designs for a changing world



Gaston College



Preliminary - Not for Construction

Architect:
WHN Architects, PA
530 W. 10th Street
Charlotte, NC 28202
704.333.9952 Tel.
NC License # 60527

Civil and Structural Engineer:
Stanley D. Lindsey & Associates
1347 Harding Place, Suite 201
Charlotte, NC 28204
704.333.3122 Tel.
NC License # C-3232

Fire Protection, Plumbing, Mechanical, Electrical Engineer:
McKim & Creed, Inc.
8020 Tower Point Dr., #7726
Charlotte, NC 28277
704.841.2588 Tel.
NC License # F-1222

Hazardous Materials Consultant:
Harrington Group Inc.
10720 Silver Place
Charlotte, NC 28277
704.849.0130 Tel.

Gaston College Fiber Innovation Center

SCO ID # 21-23122-01

Gaston College, Kimbrell Campus
7220 Wilkinson Boulevard
Belmont, NC 28012

NCCS NO. 2575
PROJECT NO. 20172
DATE ISSUED 09/30/2021

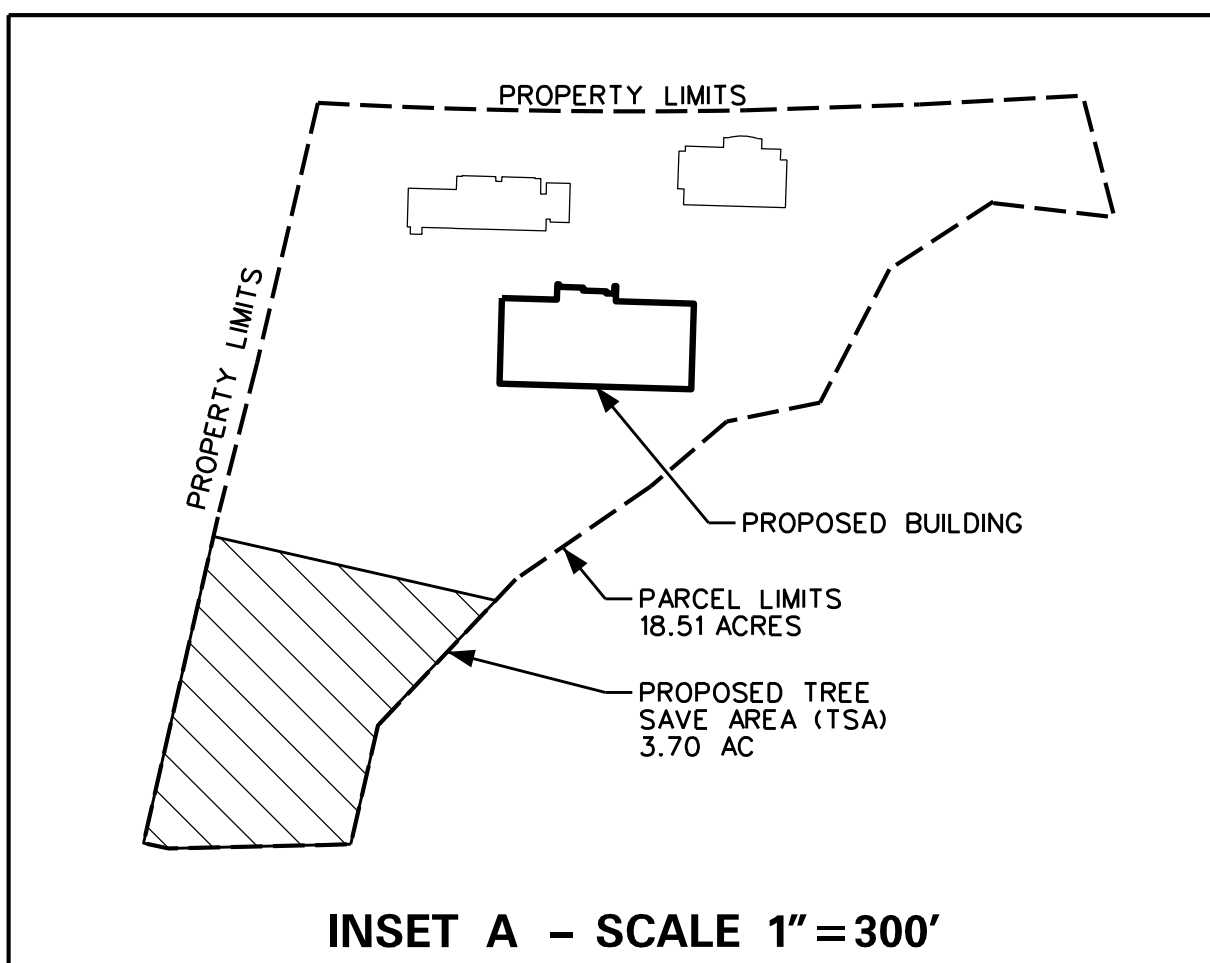
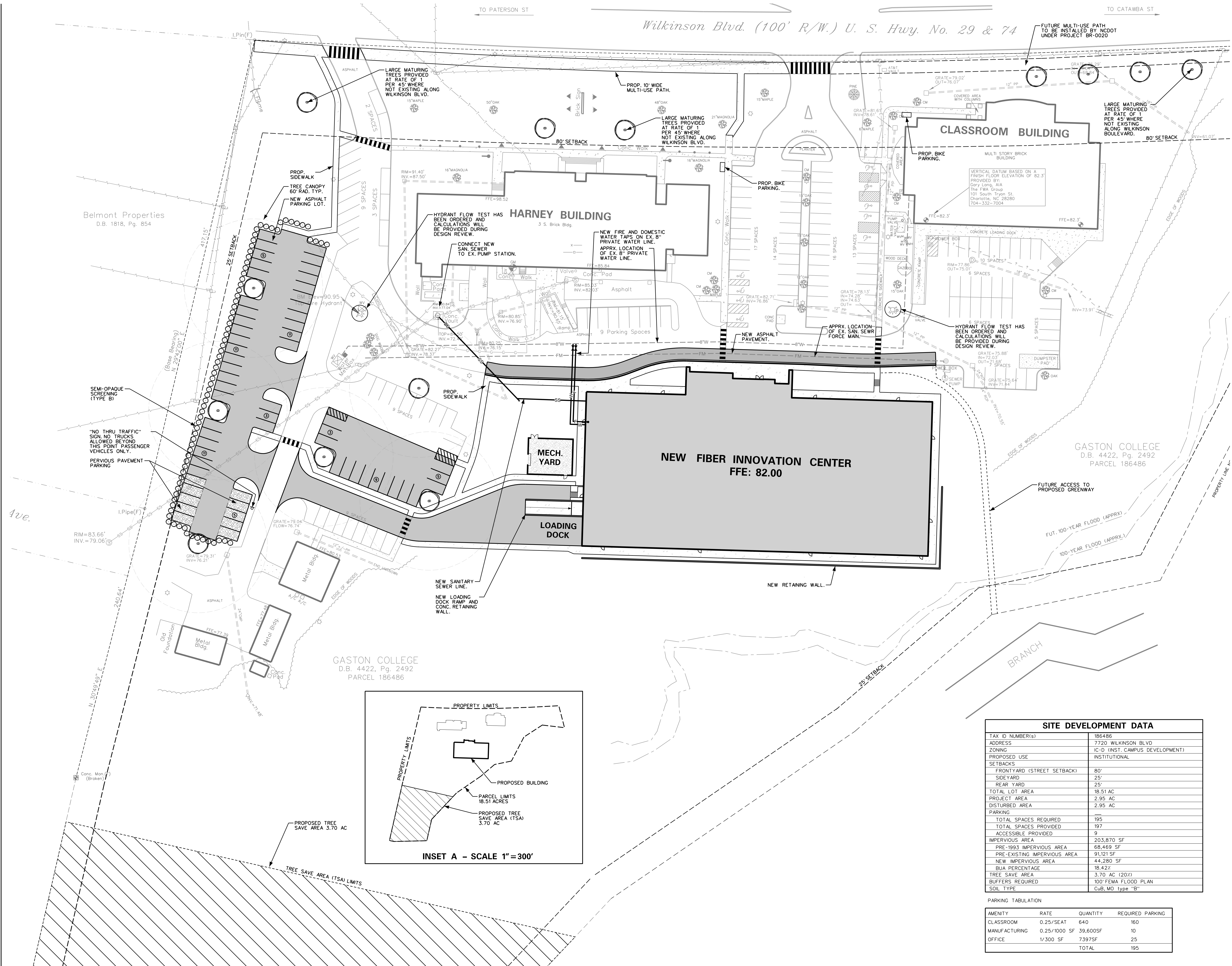
REVISIONS		
#	DESCRIPTION	Date

Layout Plan

C3.00

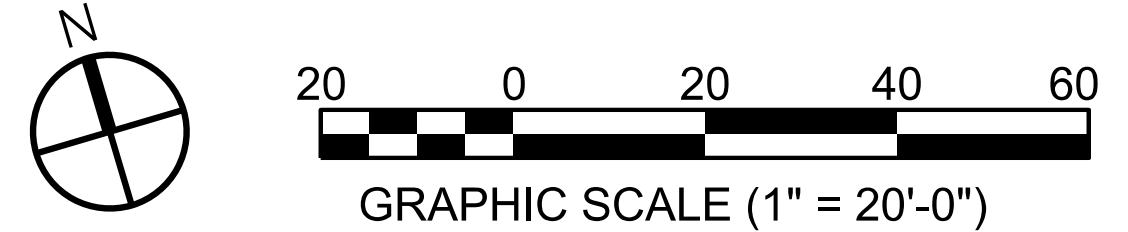
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SITE DEVELOPMENT DATA	
TAX ID NUMBER(s)	186486
ADDRESS	7720 WILKINSON BLVD
ZONING	IC-D (INST. CAMPUS DEVELOPMENT)
PROPOSED USE	INSTITUTIONAL
SETBACKS	
FRONT YARD (STREET SETBACK)	80'
SIDE YARD	25'
REAR YARD	25'
TOTAL LOT AREA	18.51 AC
PROJECT AREA	2.95 AC
DISTURBED AREA	2.95 AC
PARKING	
TOTAL SPACES REQUIRED	195
TOTAL SPACES PROVIDED	197
ACCESSIBLE PROVIDED	9
IMPERVIOUS AREA	203,870 SF
PRE-1993 IMPERVIOUS AREA	68,469 SF
PRE-EXISTING IMPERVIOUS AREA	91,121 SF
NEW IMPERVIOUS AREA	44,280 SF
BUA PERCENTAGE	18.42%
TREE SAVE AREA	3.70 AC (20%)
BUFFERS REQUIRED	100' FEMA FLOOD PLAN
SOIL TYPE	CuB, MO type "B"

PARKING TABULATION			
AMENITY	RATE	QUANTITY	REQUIRED PARKING
CLASSROOM	0.25/SEAT	640	160
MANUFACTURING	0.25/1000 SF	39,600SF	10
OFFICE	1/300 SF	7,397SF	25
		TOTAL	195



09/30/2021 10:55:55 AM

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Belmont, NC 28012

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REVISIONS		
#	DESCRIPTION	Date

Site Slope Analysis

C3.01

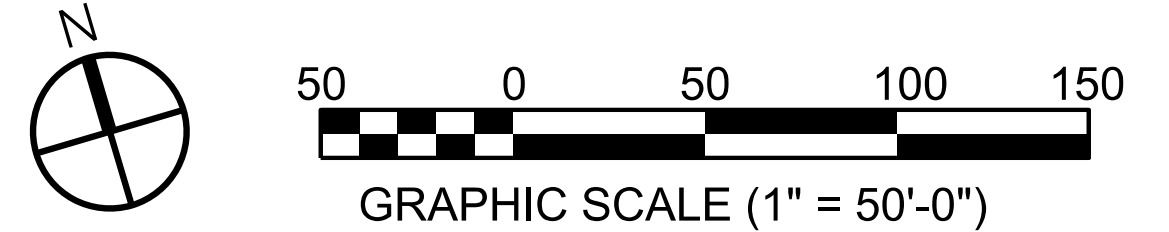
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Slopes Table				
Number	Minimum Slope	Maximum Slope	Color	Area (Sq. Ft.)
1	0.00%	10.00%	Light Green	554,960
2	10.00%	15.00%	Medium Green	132,401
3	15.00%	25.00%	Dark Green	98,898
4	25.00%	VERTICAL	Black	40,674

NOTE: CONTOUR DATA BEYOND LIMITS OF EXISTING SURVEY HAS BEEN OBTAINED FROM GASTON COUNTY TOPOGRAPHY.



DATE PLOTTED: 10/15/2021 10:55:55 AM

DATE PLOTTED: 10/15/2021 10:55:55 AM

Fiber Innovation Center

SCO ID # 21-23122-01
Gaston College, Kimbrell Campus
7220 Wilkinson Boulevard
Belmont, NC 28012

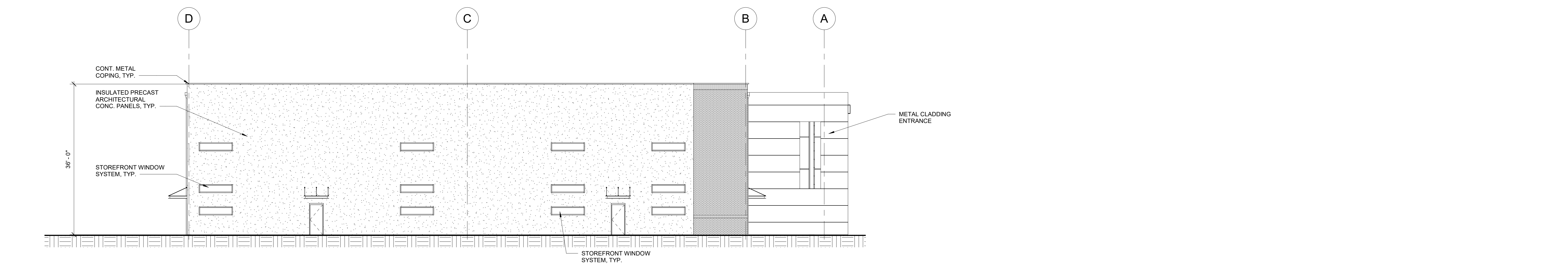
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REVISIONS		
#	DESCRIPTION	Date

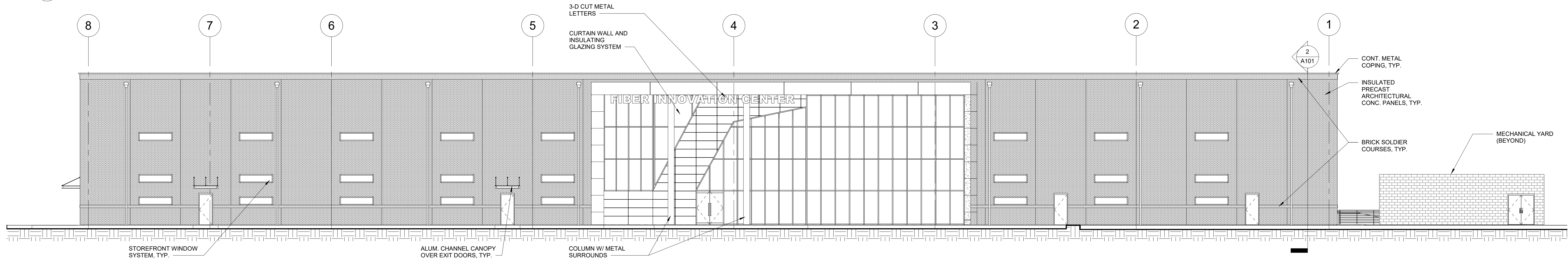
BUILDING ELEVATIONS

A200

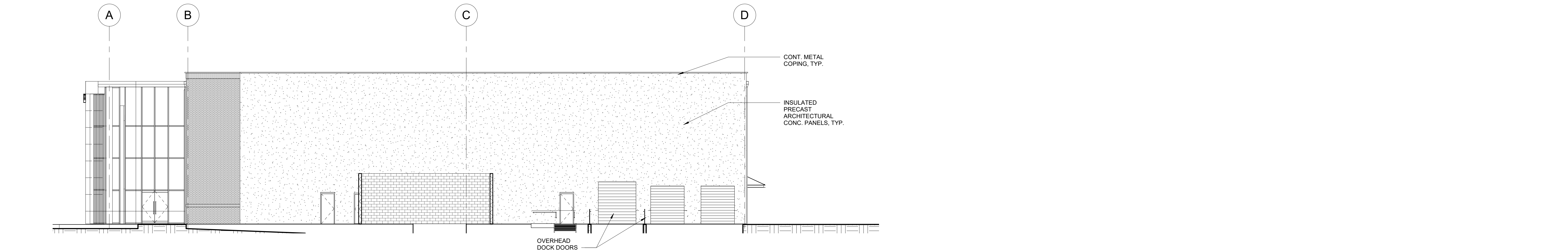
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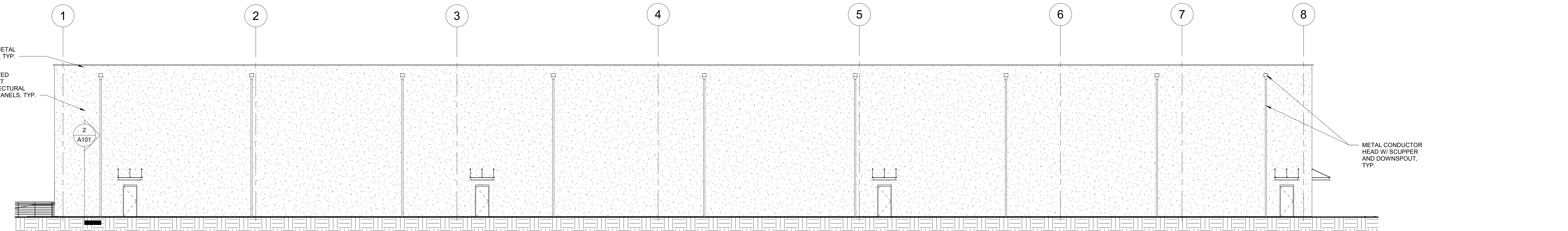
1 EAST ELEVATION
A200 3/32" = 1'-0"



2 NORTH ELEVATION
A200 3/32" = 1'-0"



3 WEST ELEVATION
A200 3/32" = 1'-0"



4 SOUTH ELEVATION
A200 3/32" = 1'-0"