

BUILDING ALTERATION / BUILDING ADDITION FOR: BGS GLASS SERVICES WAUKESHA, WISCONSIN

PROJECT TEAM

OWNER BGS GLASS SERVICES

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GENERAL CONTRACTOR FORD CONSTRUCTION CO.

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ARCHITECTURAL MORPH DESIGNS, LLC

W10953 DEAD END ROAD PROJECT CONTACT: ROGER SCHREGARDUS
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STRUCTURAL / SUPERVISING PROFESSIONAL TBD

TBD

CIVIL ENGINEERING ELLENA ENGINEERING CONSULTANTS, LLC

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SCOPE OF WORK:
BGS GLASS SERVICE IS A COMPANY THAT OFFERS A WIDE VARIETY OF CUSTOM GLASS REPAIR AND INSTALLATION SERVICES INCLUDING:
HOME WINDOW REPLACEMENT
CUSTOM FINISHED SHOWER DOORS
COMMERCIAL GLAZING
DECORATIVE GLASS
THERMOPANE REPLACEMENT
CABINET GLASS

THE EXISTING BUILDING IS A MIX OF RETAIL/SALES IN THE FRONT / SOUTH PORTION OF THE FACILITY. THE SHOP & STORAGE IS IN THE REAR / NORTH SIDE OF THE FACILITY. THIS ADDITION IS TO EXPAND THE SHOP & STORAGE AREA.

PROJECT DATA:

BUILDING CODE:

2015 INTERNATIONAL BUILDING CODE (IBC), USING WISCONSIN SPS 362 AMENDMENTS
2015 INTERNATIONAL EXISTING BUILDING CODE (IEBC), USING WISCONSIN SPS 366 AMENDMENTS
2015 INTERNATIONAL ENERGY CONSERVATION CODE (IECC), USING WISCONSIN SPS 363 AMENDMENTS
AMERICAN NATIONAL STANDARDS (ICC/ANSI A117.1-2009)

PLUMBING CODE:

WISCONSIN COMMERCIAL BUILDING CODE CHAPTER 81-84

MECHANICAL CODE:

2015 INTERNATIONAL MECHANICAL CODE

ELECTRICAL CODE:

NEC 2008

FIRE / LIFE SAFETY CODE:

NFPA-1 2015

BUILDING SIZE:

EXISTING BUILDING FOOTPRINT: 7,000 sqft
EXISTING BUILDING MEZZANINE: 913 sqft
NEW ADDITION FOOTPRINT: 4,250 sqft

TOTAL BUILDING FOOTPRINT: 11,250 sqft

PER TABLE 503 ALLOWABLE AREA: 12,000 sqft (2 STORIES USING F-1 OCCUPANCY)

BUILDING DATA:

COUNTY LOCATION: WAUKESHA
PROJECT TYPE: LEVEL 2 ALTERATION / ADDITION
REQUIRED SEPARATION: UNSEPARATED USES

CONSTRUCTION CLASSIFICATION:

PER IBC 602 -
NEW BUILDING: TYPE IIIB - METAL FRAME W/ COMBUSTIBLE INTERIOR & COMBUSTIBLE EXTERIOR FRAMING, 1 STORY WITH COMPLETE, NFPA 13 AUTOMATIC SPRINKLER SYSTEM

OCCUPANCY CLASSIFICATION:

PER IBC 311 -
BUILDING - F-1 FACTORY, S-1 STORAGE, B BUSINESS (ACCESSORY USE)

EXIT DISTANCE:

PER IBC TABLE 1016.1 - 250 FT. DISTANCE (SPRINKLERED BUSINESS / S-1 STORAGE)
IBC 1014.3 COMMON PATH OF TRAVEL - 100'-0" (SPRINKLERED BUSINESS / S-1 STORAGE)
IBC 1018.4 DEAD ENDS - 50'-0" (SPRINKLERED BUSINESS / S-1 STORAGE)

ENVELOPE COMPLIANCE ENERGY CODE USED:

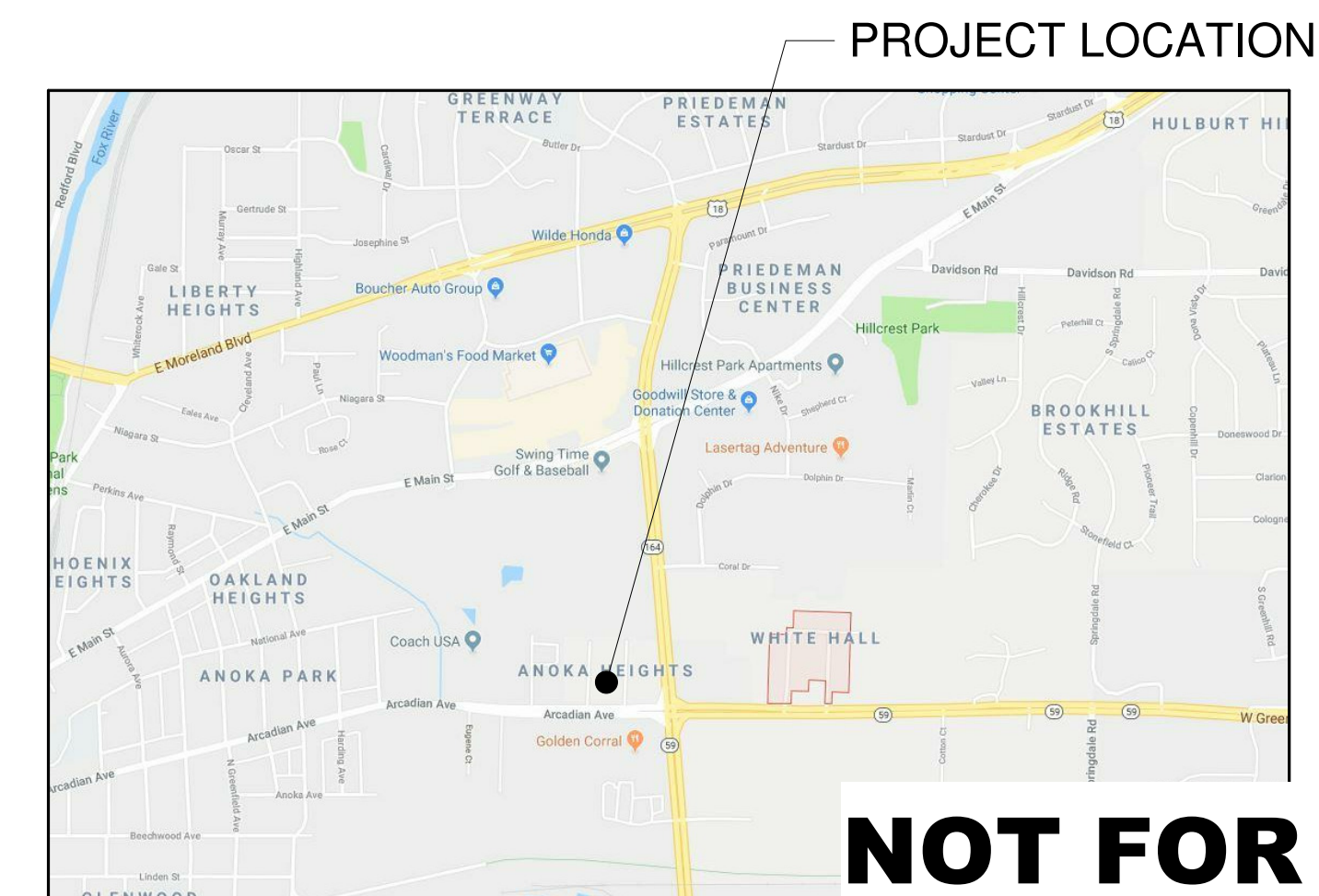
90.1 (2013) ASHRAE STANDARD
2015 INTERNATIONAL ENERGY CONSERVATION CODE (IECC), USING WISCONSIN SPS 363 AMENDMENTS

TOILETS:

MEN's - () WC () LAV () URINAL
WOMEN's - () WC () LAV

MOP SINK
DRINKING FOUNTAINS (HI-LOW)

LOCATION MAP



NOT FOR CONSTRUCTION



MORPH DESIGNS, LLC
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PRELIMINARY

11-8-2018

BGS GLASS SERVICE
NEW BUILDING ADDITION
1620 ARCADIAN AVENUE
WAUKESHA, WI 53186

SHEET TITLE

TITLE SHEET, PROJECT DATA

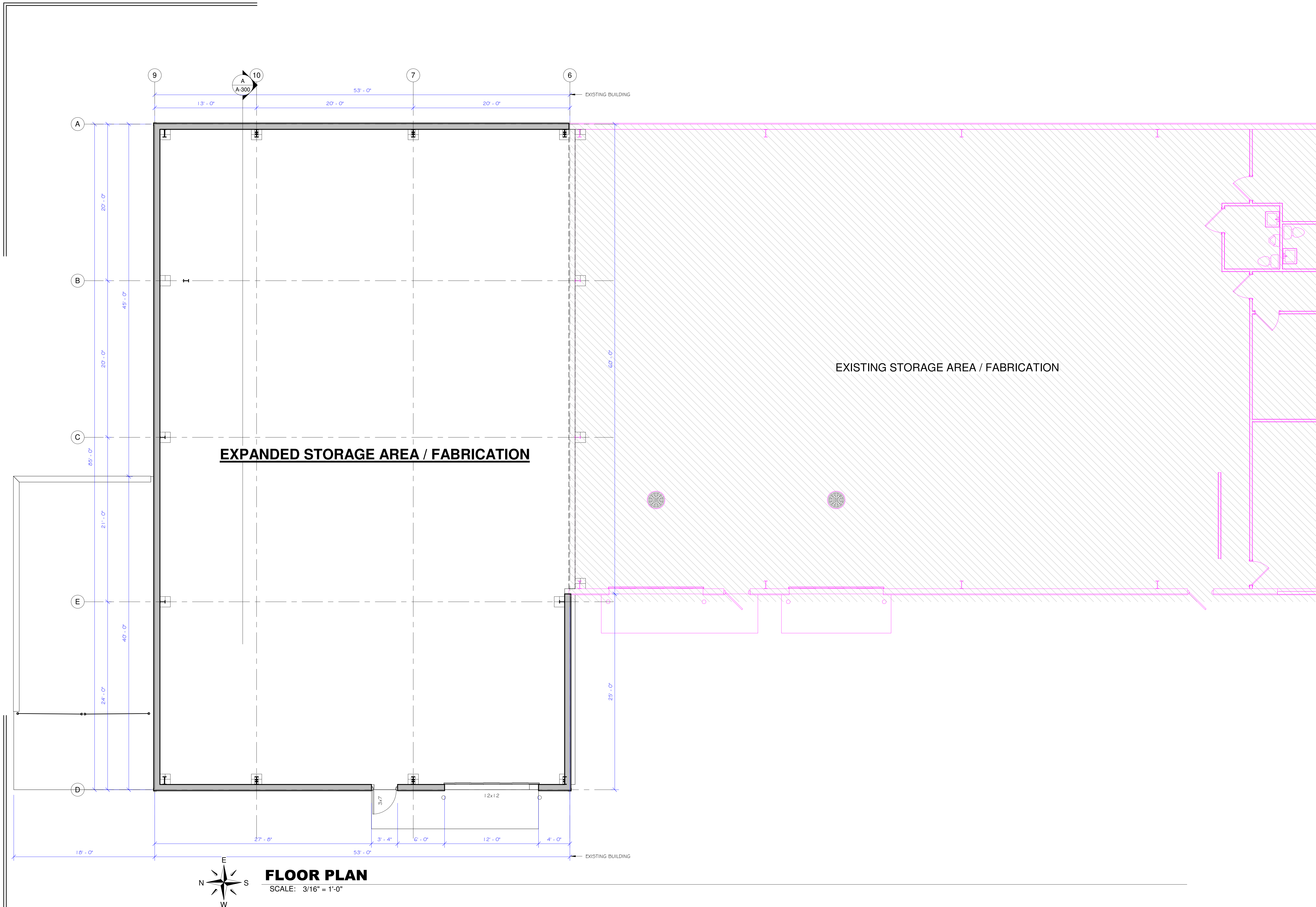
PROJECT DATA

DATE:

JOB NUMBER:
FORD-BGS

SHEET NUMBER:

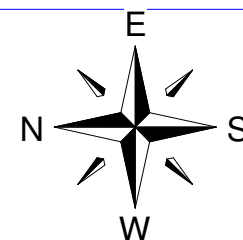
G-100



EXPANDED STORAGE AREA / FABRICATION

EXISTING STORAGE AREA / FABRICATION

FLOOR PLAN
SCALE: 3/16" = 1'-0"



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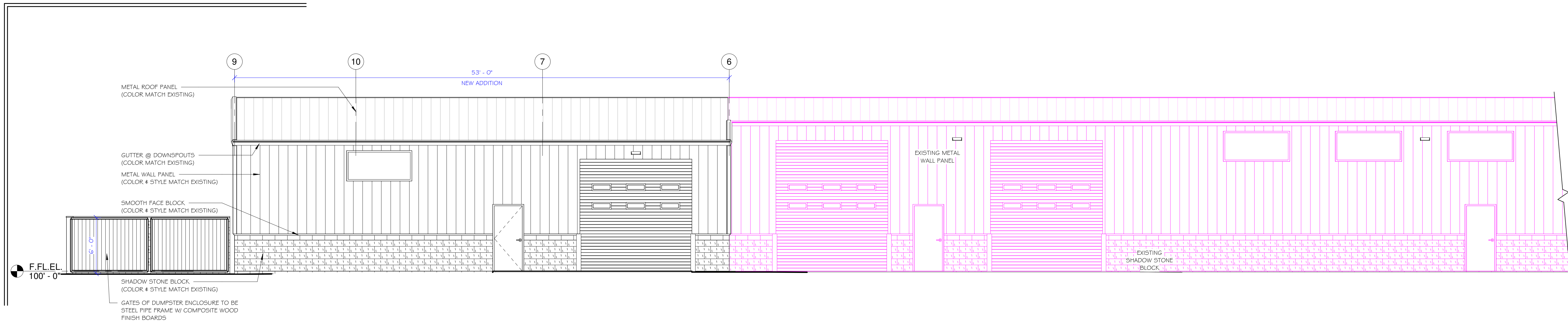
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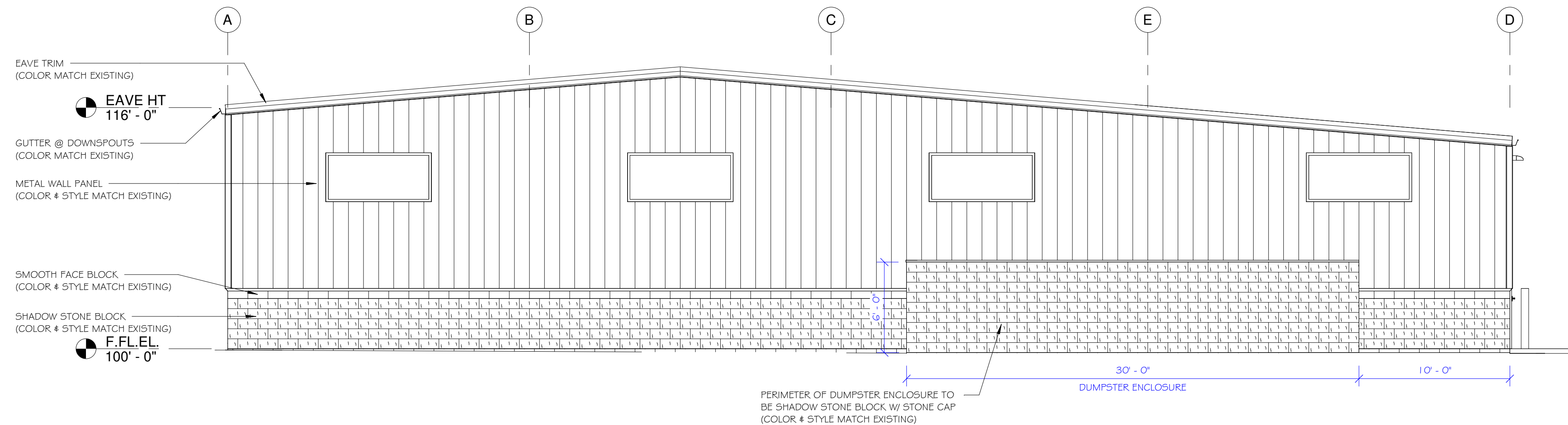
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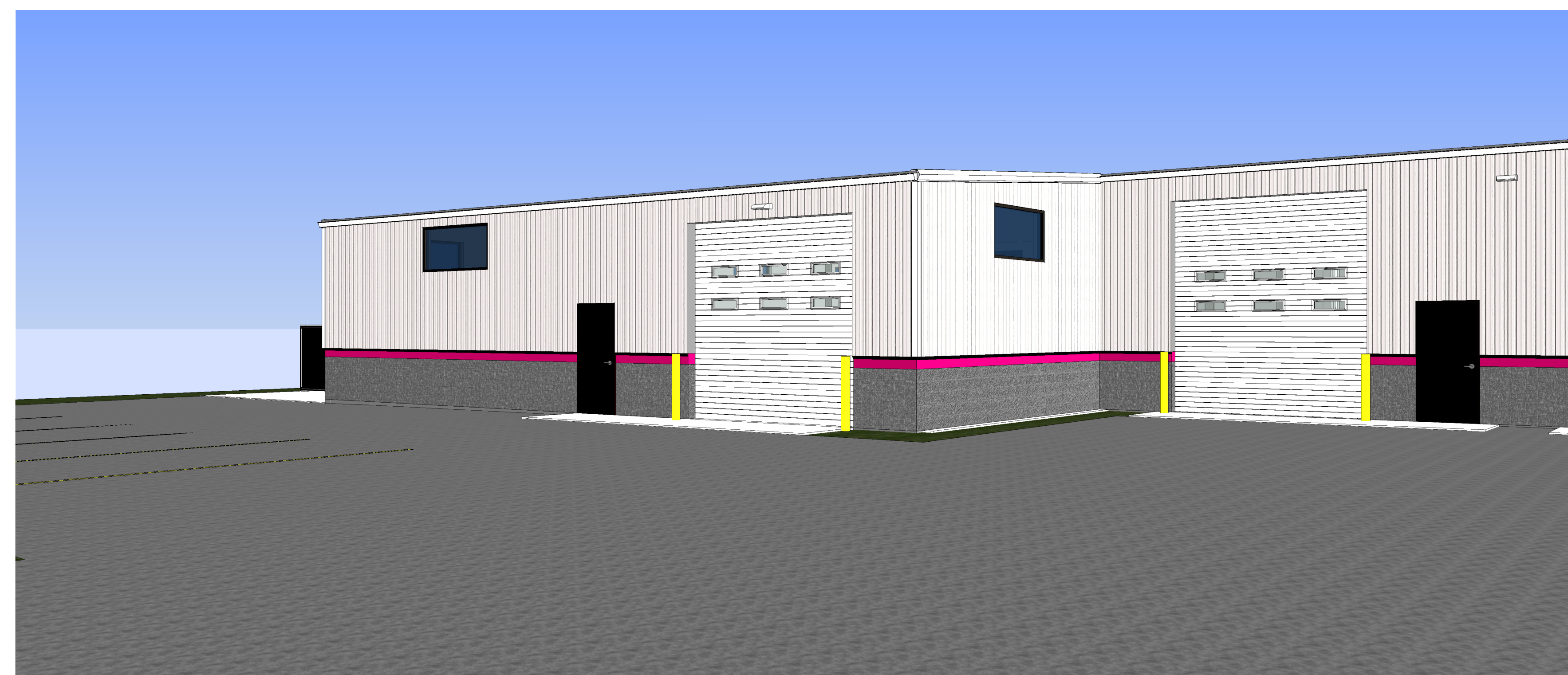
WEST BUILDING ELEVATION

SCALE: 3/16" = 1'-0"



NORTH BUILDING ELEVATION

SCALE: 3/16" = 1'-0"



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SHEET TITLE

EXTERIOR BUILDING ELEVATIONS

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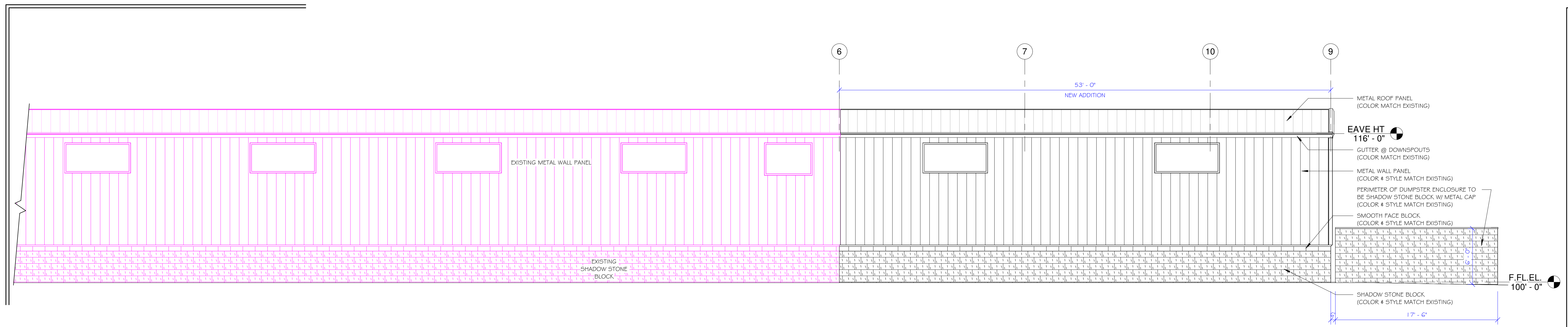
JOB NUMBER: FORD-BGS

SHEET NUMBER:

A-200

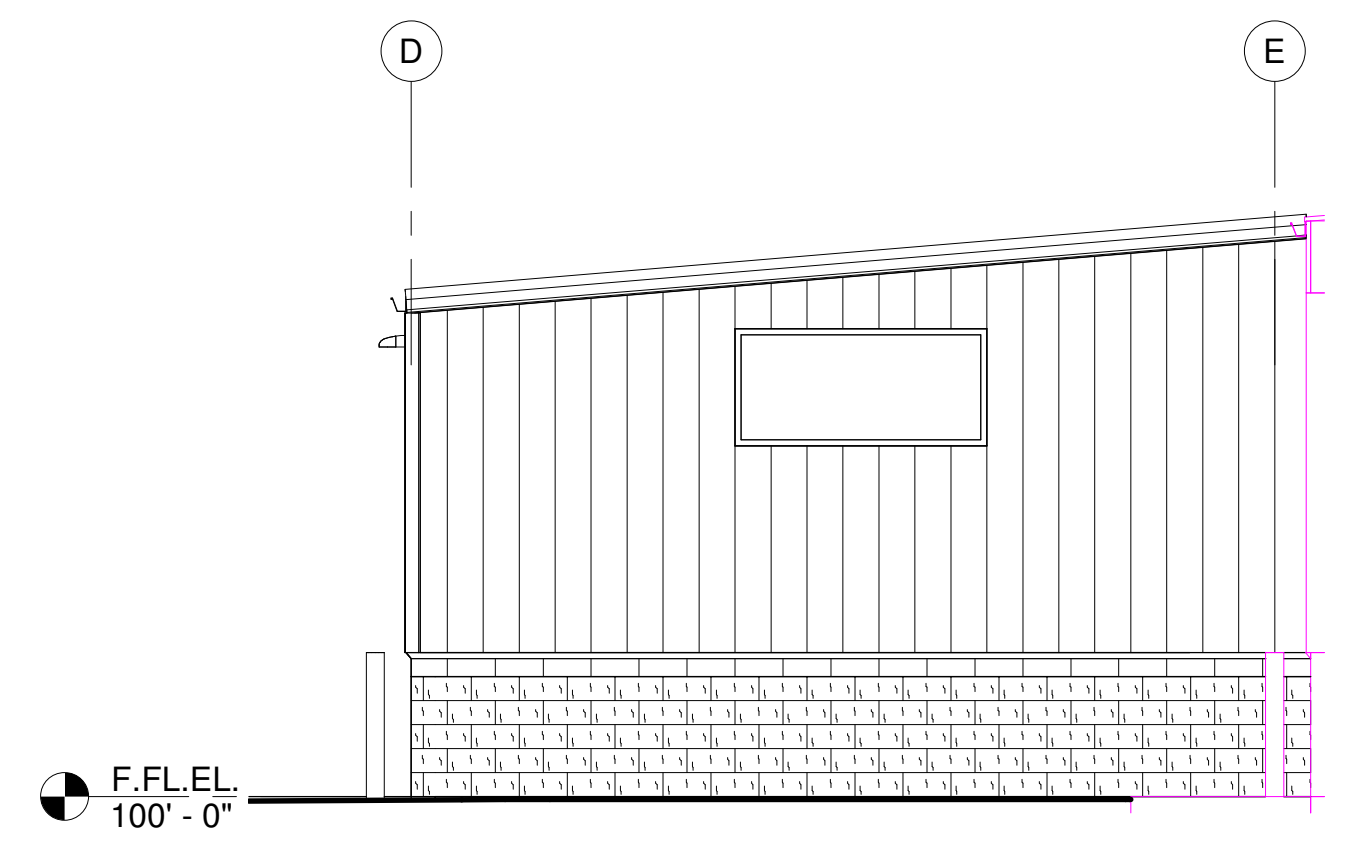
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EAST BUILDING ELEVATION

SCALE: 3/16" = 1'-0"



SOUTH BUILDING ELEVATION

SCALE: 3/16" = 1'-0"

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