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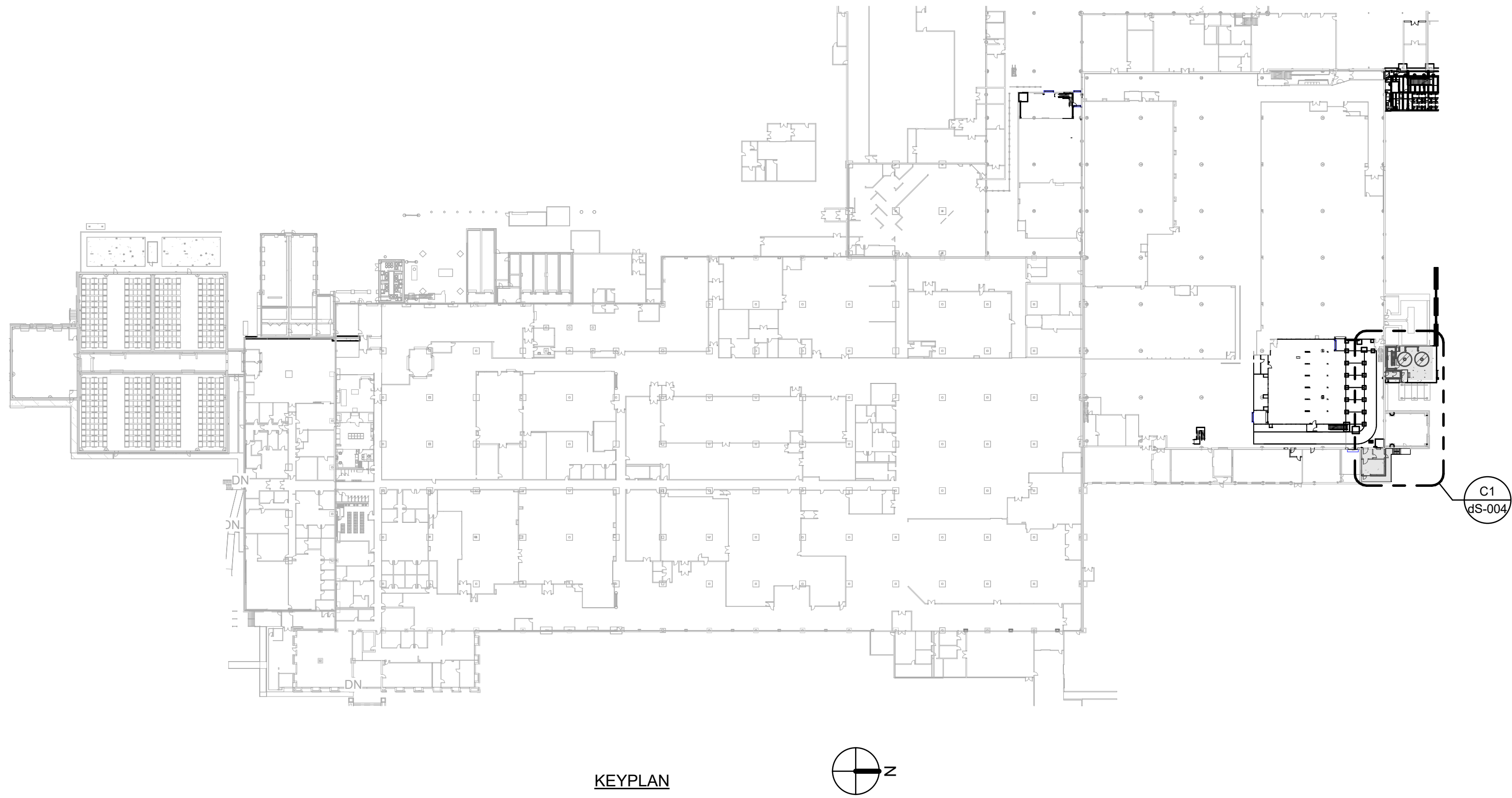
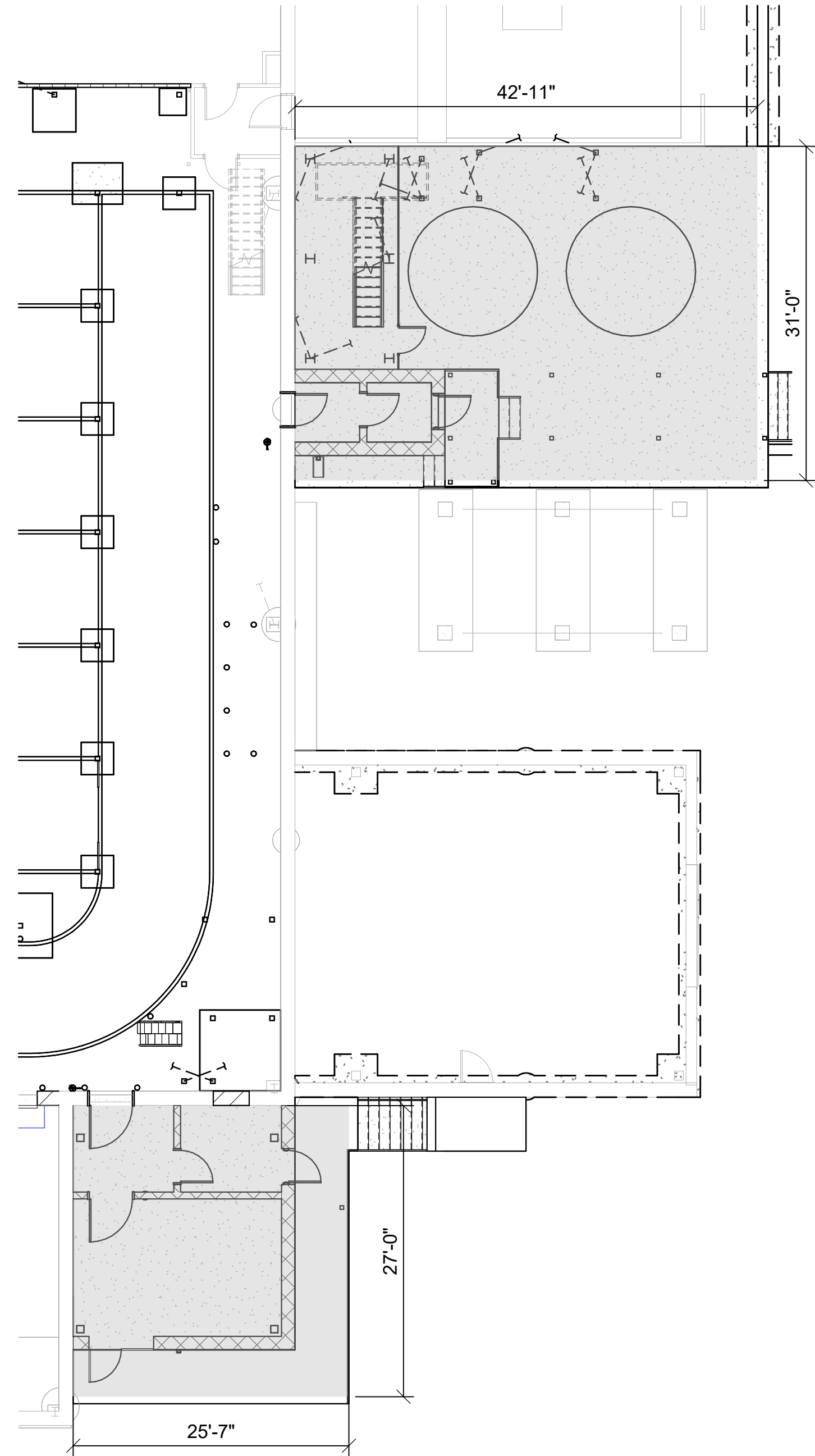
E

D

C

B

A



KEYPLAN

SOIL IMPROVEMENT PLAN NOTES:

1. THIS SCHEMATIC PLAN IS INCLUDED TO SHOW THE APPROXIMATE / ESTIMATED AREA OF AGGREGATE PIER SOIL IMPROVEMENTS. ACTUAL REQUIREMENTS SHALL BE A DELEGATED DESIGN PER GENERAL NOTE C ON SHEET dS-001 AND GENERAL NOTE L ON SHEET dS-002.
2. COORDINATE TIP ELEVATIONS OF AGGREGATE PIER SOIL IMPROVEMENTS WITH DEPTH OF FOUNDATIONS.
3. FOR FOUNDATION INFORMATION NOT SHOWN, SEE FOUNDATION PLANS.

SOIL IMPROVEMENTS PLAN LEGEND

■ DENOTES APPROXIMATE/ESTIMATED AREA OF SOIL IMPROVEMENT AGGREGATE PIER LOCATIONS

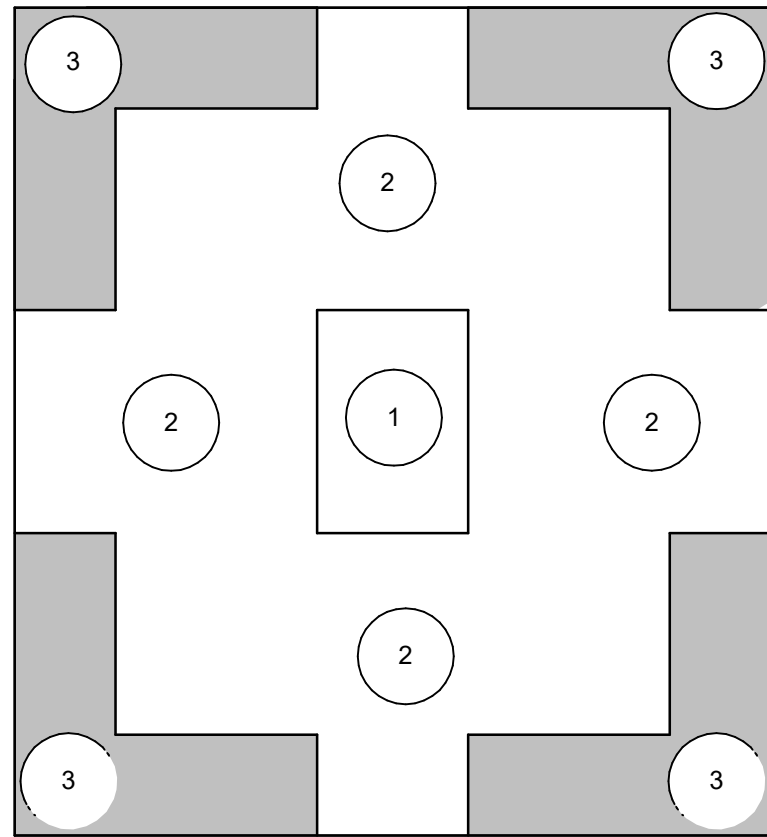
C1 APPROXIMATE/ESTIMATED AREA OF SOIL IMPROVEMENT AGGREGATE PIERS
N.T.S.

ROOF COMPONENTS AND CLADDING WIND PRESSURE SCHEDULE - STORAGE BUILDING

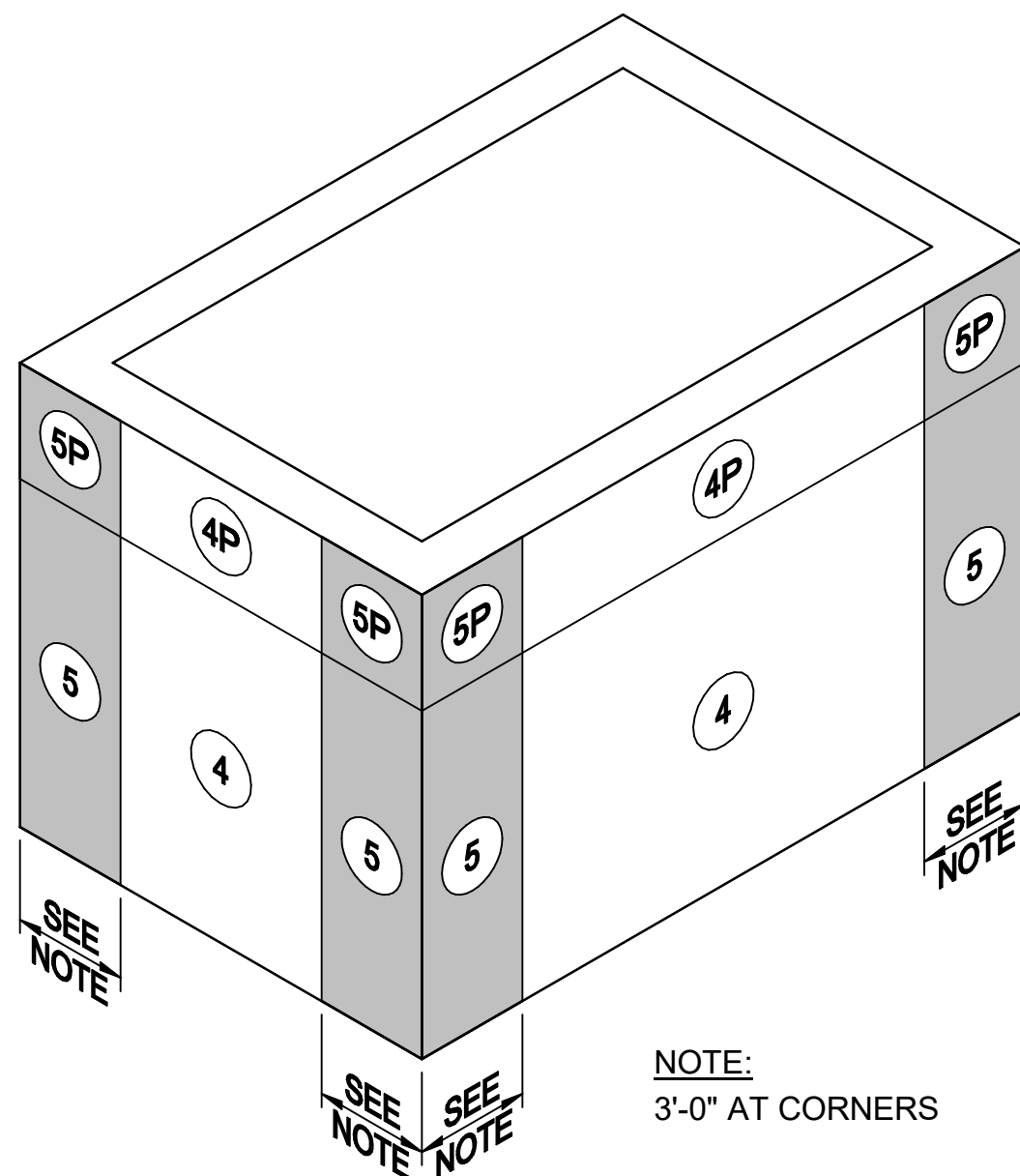
ZONE	EFFECTIVE WIND AREA		
	AREA ≤ 10 S.F.	AREA = 50 S.F.	100 S.F. ≤ AREA
①	-33.9/+16.0 PSF	-28.7/+16.0 PSF	-26.4/+16.0 PSF
②	-44.7/+19.4 PSF	-38.0/+17.4 PSF	-35.1/+16.6 PSF
③	-44.7/+19.4 PSF	-38.0/+17.4 PSF	-35.1/+16.6 PSF

WALL COMPONENTS AND CLADDING WIND PRESSURE SCHEDULE

ZONE	EFFECTIVE WIND AREA			
	AREA ≤ 10 S.F.	AREA = 50 S.F.	AREA = 200 S.F.	500 S.F. ≤ AREA
④	-21.1/+19.4 PSF	-19.1/+17.4 PSF	-17.3/+16.0 PSF	-16.2/+16.0 PSF
⑤	-25.9/+19.4 PSF	-21.9/+17.4 PSF	-18.5/+16.0 PSF	-16.2/+16.0 PSF
④P	-34.7/+58.7 PSF	-30.6/+49.9 PSF	-27.1/+42.3 PSF	-24.8/+37.2 PSF
⑤P	-39.6/+75.2 PSF	-33.5/+59.6 PSF	-28.2/+46.1 PSF	-24.8/+37.2 PSF



A1 ROOF COMPONENTS AND CLADDING WIND PRESSURE DIAGRAM - BREAKER PLATE BUILDING
SCALE: N.T.S.



A3 WALL COMPONENTS AND CLADDING WIND PRESSURE DIAGRAM
SCALE: N.T.S.

WIND LOADING NOTES:

1. POSITIVE VALUES ACT TOWARD THE WALL SURFACE AND NEGATIVE VALUES ACT AWAY FROM THE WALL SURFACE.
2. LINEAR INTERPOLATION PERMITTED BETWEEN VALUES.
3. VALUES INDICATED IN TABLES ARE ULTIMATE LOADS IN ACCORDANCE WITH ASCE 7-16.

POND

3500 Parkway Lane
Suite 500
Peachtree Corners
Georgia 30092

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EOR/AOR SEAL

COA SEAL

CLIENT INFORMATION

Vantive

PROJECT NAME

VANTIVE TUBING
CLEAN ROOM

1900 AR-201
MOUNTAIN HOME,
ARKANSAS 72653

DRAWING ISSUE

04/24/2026
07/24/2026
07/24/2026
DATE

ISSUED FOR BID, EQ BID
ISSUED FOR APPROVAL
ISSUED FOR APPROVAL
DESCRIPTION

C
A
MARK

DESIGNED BY: TR
DRAWN BY: TR
CHECKED BY: AB
SUBMITTED BY: MM
DATE: 04/24/2026
PROJECT #: 1241011

SHEET TITLE

SOIL
IMPROVEMENTS
AND WIND
LOADING
DIAGRAMS

SHEET NUMBER

dS-004

ORIGINAL SHEET SIZE:
36" X 42"

ISSUED FOR BID