



RATIO DESIGN  
101 S PENNSYLVANIA ST  
INDIANAPOLIS, IN 46204

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# **20240127 - IN128 - ATHLETICS AND CONVOCAION CENTER - BID PACKAGE 1 – SITE EXCAVATION – ADDENDUM 1**

**DATE** November 18, 2024

**SUBJECT** 20240127 - IN128 ATHLETICS AND CONVOCAION  
CENTER – BID PACKAGE 1 – SITE EXCAVATION -  
ADDENDUM 1

Below is a list of the changes included in the attached Addendum.

## General

- None

## Structural

- S-100A Excavation Plan – Unit A
  - Bottom of Footing Elevations (BF) were incorrect and have been updated.
- S-100B Excavation Plan – Unit B
  - Bottom of Footing Elevations (BF) were incorrect and have been updated.
- S-100C Excavation Plan – Unit C
  - Bottom of Footing Elevations (BF) were incorrect and have been updated.
- S-100D Excavation Plan – Unit D
  - Bottom of Footing Elevations (BF) were incorrect and have been updated.

**Design  
for  
Impact.**

INDIANAPOLIS  
CHICAGO  
DENVER  
RALEIGH  
CHAMPAIGN, IL

Attachments:

S-100A Excavation Plan – Unit A

S-100B Excavation Plan – Unit B

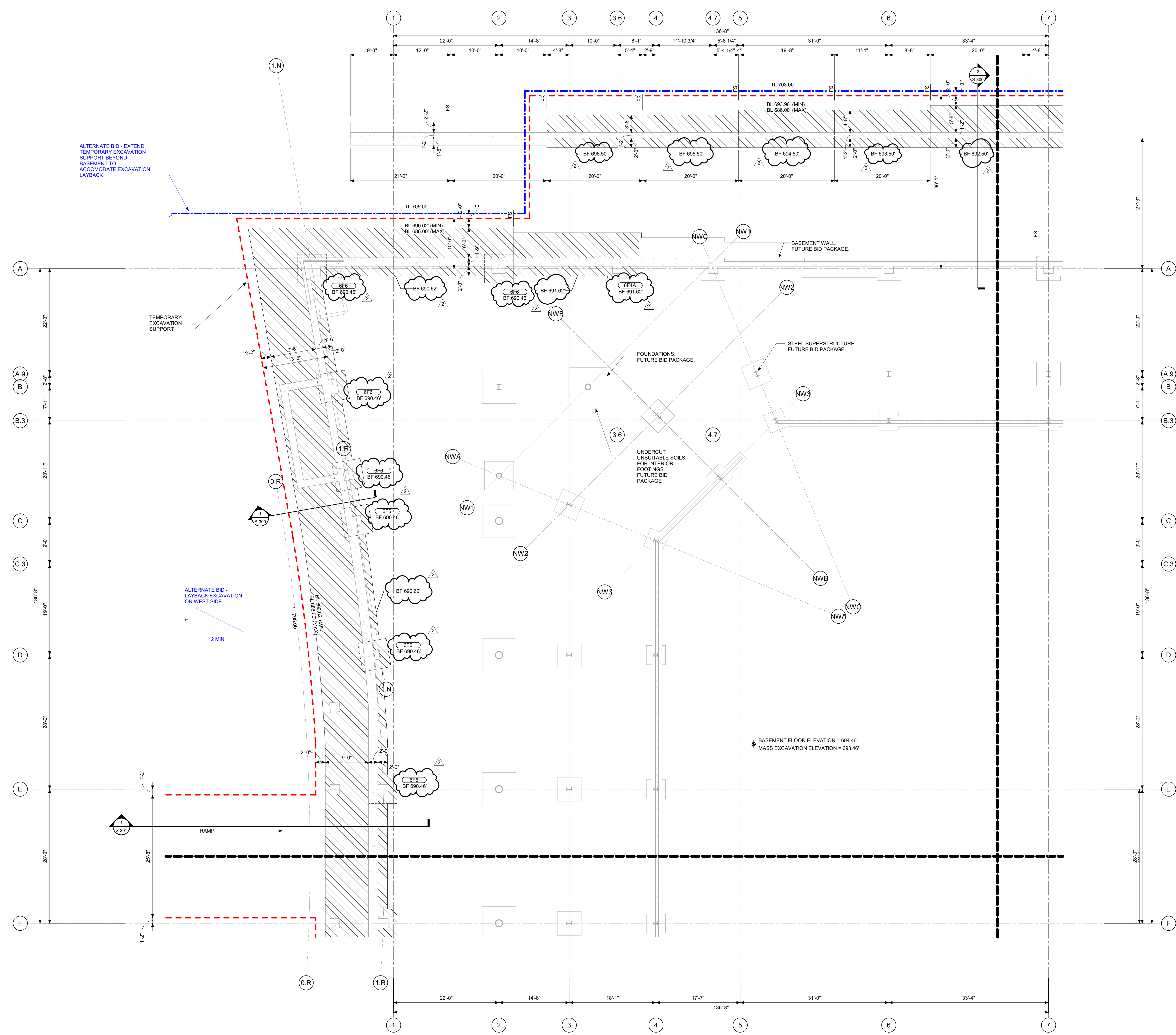
S-100C Excavation Plan – Unit C

S-100D Excavation Plan – Unit D

Respectfully submitted,

Kevin Stewart, AIA

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**1 EXCAVATION PLAN - UNIT A**  
SCALE: 1/8" = 1'-0"

- TEMPORARY EXCAVATION SUPPORT PLAN NOTES:**
- SEE S-100 SERIES DRAWINGS FOR GENERAL NOTES.
  - TEMPORARY EXCAVATION SUPPORT SYSTEM SHOWN IS SCHEMATIC AND SHALL BE USED ONLY TO COMMUNICATE REQUIRED SIZE AND DEPTH OF EXCAVATION.
  - TERMS USED SUCH AS LAGGING, WHALER, AND TIE-BACK ARE USED TO DESCRIBE THE REQUIRED SIZE AND DEPTH OF THE EXCAVATION BASED ON ONE COMMONLY USED SYSTEM. THIS IS NOT INTENDED TO REQUIRE THIS SYSTEM OR PRECLUDE THE USE OF OTHER SYSTEMS PROVIDED THAT THEY COMPLY WITH 31.40.00.
  - DESIGN OF THE TEMPORARY EXCAVATION SUPPORT SYSTEM IS THE FULL RESPONSIBILITY OF THE CONTRACTOR AS SPECIFIED IN 31.40.00.
  - PROTECT ADJACENT EARTH, PAVEMENT, UTILITIES AND STRUCTURES AGAINST GAVE-INS, EXCESSIVE SETTLEMENTS OR OTHER HAZARDS TO PERSON OR PROPERTY.
  - LOCATE UNDERGROUND EXISTING UTILITIES BEFORE STARTING WORK. IF UTILITIES ARE TO REMAIN IN PLACE, PROVIDE PROTECTION FROM DAMAGE DURING INSTALLATION OF THE TEMPORARY EXCAVATION SUPPORT SYSTEM.
  - PROVIDE GUARD RAIL AT TOP OF LAGGING WALL.
  - DESIGN TEMPORARY EXCAVATION SUPPORT SYSTEM FOR 250 PSF SURCHARGE FROM CONSTRUCTION LOADING.
  - SEE CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
  - DIMENSIONS ARE TO INSIDE FACE OF LAGGING.

- LEGEND**
- TEMPORARY EXCAVATION SUPPORT SYSTEM BASE BID
  - TEMPORARY EXCAVATION SUPPORT SYSTEM ALTERNATE BID
  - UNDERCUT UNSUITABLE SOILS BELOW PERIMETER FOOTINGS AND REPLACE WITH COMPACTED ENGINEERED FILL OR LEAN CONCRETE. BID SHALL BE BASED ON UNSUITABLE SOILS DOWN TO ELEVATION 686'.
  - TL INDICATES TOP OF LAGGING.
  - BL (MIN) INDICATES MINIMUM BOTTOM OF LAGGING AT BOTTOM OF FOOTING ELEVATION.
  - BL (MAX) INDICATES MAXIMUM BOTTOM OF LAGGING AT UNSUITABLE SOILS. BID SHALL BE BASED ON BL DOWN TO BL (MAX)
  - BF INDICATES BOTTOM OF FOOTING.
  - FOOTINGS (BY FUTURE BID PACKAGE - SIZE PROVIDED TO SET FOOTPRINT OF POTENTIAL UNDERCUT IN BP1)
    - 6F4A 4'-0" x 4'-0" x 1'-10"
    - 6F5A 5'-0" x 5'-0" x 1'-10"
    - 6F6 6'-0" x 6'-0" x 2'-3"
    - 6F7 7'-0" x 7'-0" x 2'-3"
    - 6F8 8'-0" x 8'-0" x 2'-3"
    - 6F9 9'-0" x 9'-0" x 2'-9"

**ALTERNATE #1:**  
PROVIDE DEDUCT TO ELIMINATE TEMPORARY EXCAVATION SUPPORT ALONG EAST AND WEST SIDES OF EXCAVATION AND REPLACE WITH LAYBACK SLOPE.

**IN128 - Athletics and Convocation Center**

Ohio St & N Blackford St  
Indianapolis, IN 46202

IU Project NO. 20240127

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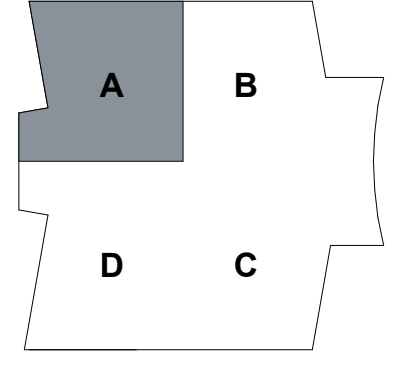
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FORT LAUDERDALE, FL 33309  
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**KEY PLAN**

SEAL | DATE 11/14/24



**SHEET ISSUE**

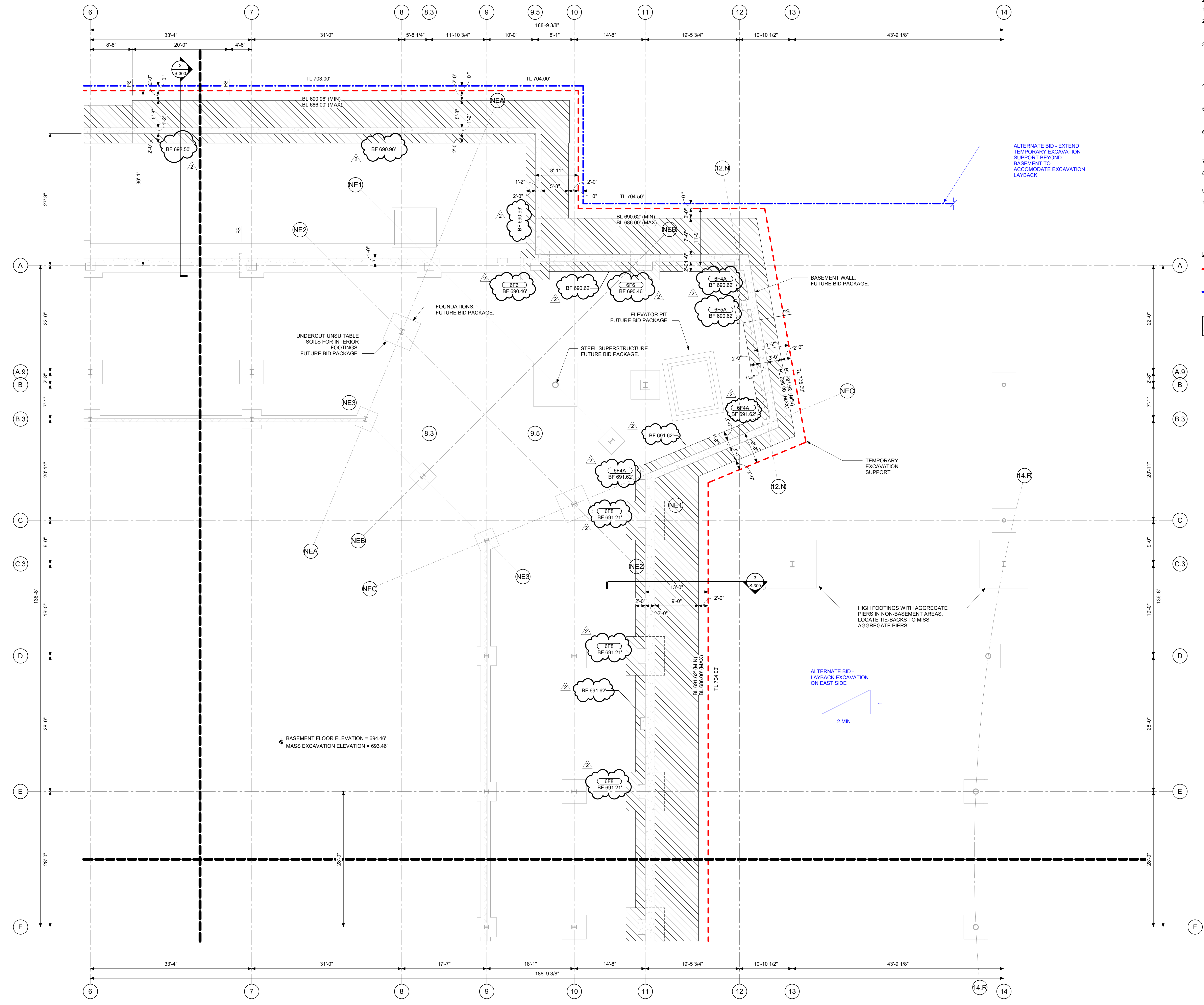
NO.	DESCRIPTION	DATE
1	BID PACKAGE 1 - SITE EXCAVATION	10/29/24
2	BID PACKAGE 1 - ADDENDUM 1	11/14/24

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PROJECT NO. 23112.000  
SHEET TITLE  
**EXCAVATION PLAN - UNIT A**

SHEET NUMBER  
**S-100A**





- TEMPORARY EXCAVATION SUPPORT PLAN NOTES:**
- SEE S-100 SERIES DRAWINGS FOR GENERAL NOTES.
  - TEMPORARY EXCAVATION SUPPORT SYSTEM SHOWN IS SCHEMATIC AND SHALL BE USED ONLY TO COMMUNICATE REQUIRED SIZE AND DEPTH OF EXCAVATION.
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  - PROVIDE GUARD RAIL AT TOP OF LAGGING WALL.
  - DESIGN TEMPORARY EXCAVATION SUPPORT SYSTEM FOR 250 PSF SURCHARGE FROM CONSTRUCTION LOADING.
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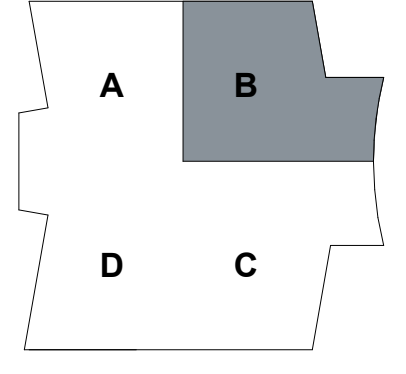
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KEY PLAN

SEAL | DATE 11/14/24



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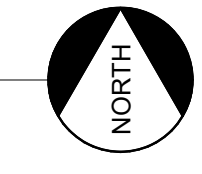
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PROJECT NO. 23112.000  
 SHEET TITLE  
**EXCAVATION PLAN - UNIT B**

SHEET NUMBER  
**S-100B**

**1 EXCAVATION PLAN - UNIT B**  
 SCALE: 1/8" = 1'-0"

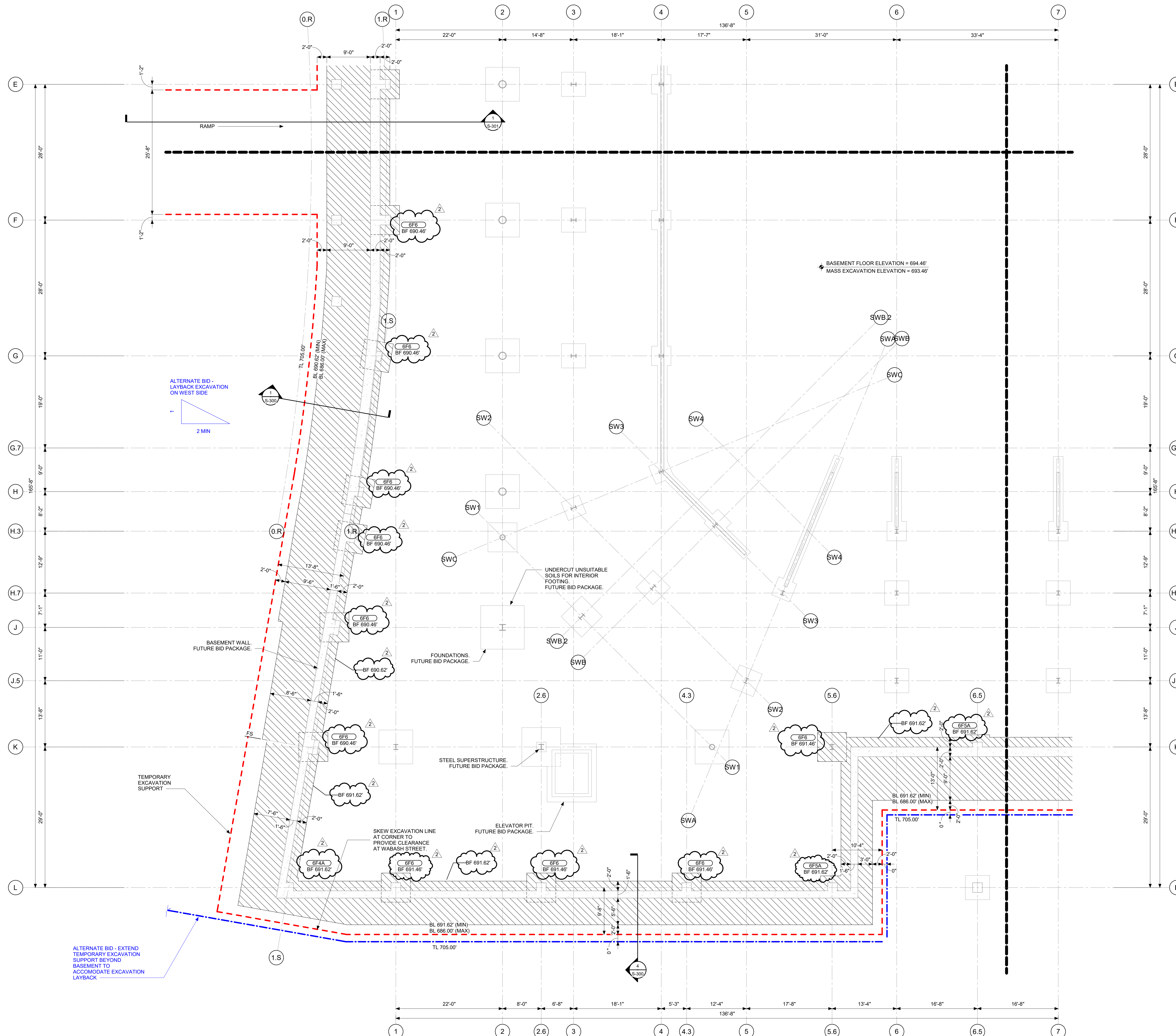


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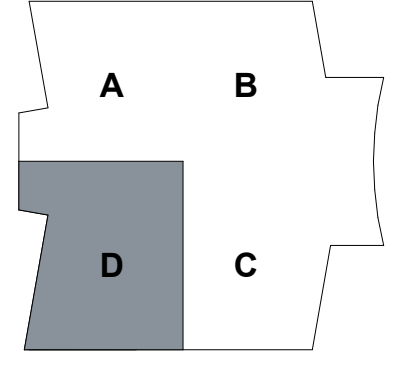
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1	BID PACKAGE 1 - SITE EXCAVATION	10/29/24
2	BID PACKAGE 1 - ADDENDUM 1	11/14/24

**RATIO**  
 REGISTERED PROFESSIONAL ENGINEER

PROJECT NO. 23112.000  
 SHEET TITLE  
**EXCAVATION PLAN - UNIT D**

SHEET NUMBER  
**S-100D**

**1 EXCAVATION PLAN - UNIT D**  
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