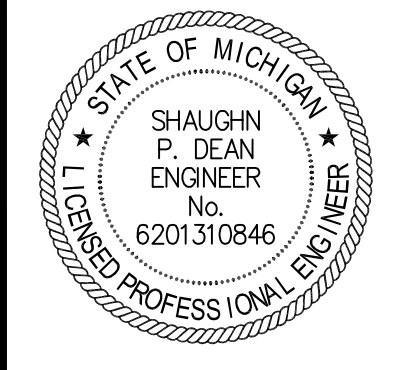
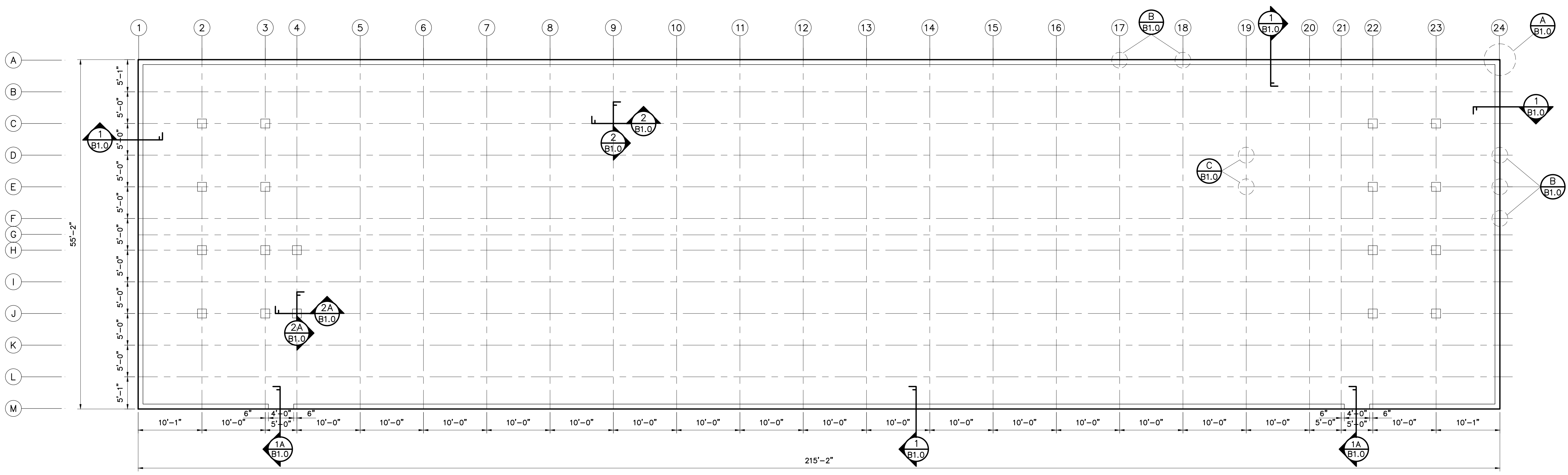


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FOUNDATION PLAN for MINI STORAGE BUILDING #3

GENERAL FOUNDATION NOTES

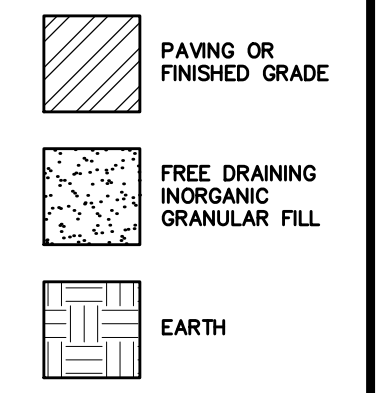
- FOUNDATION SPECIFICATIONS**
- FLOOR SLAB SHALL BE (SEE LEGEND) THICK WITH 6 X 6 - W1.4 X W1.4 WELDED WIRE FABRIC.
 - CONCRETE SHALL BE OF A MIXTURE AND DENSITY TO YIELD A 2,500 PSI COMPRESSIVE STRENGTH AT 28 DAYS. NOTE: STRUCTURAL DESIGN IS BASED ON 2,500 PSI. HOWEVER, 3,000 PSI IS PREFERRED.
 - REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60 FOR #4 AND LARGER BARS, AND GRADE 40 FOR #3 BARS AND ALL DOWELS AND TIES. STEEL SHALL BE KEPT CLEAN AND FREE OF RUST. LAP ALL REINFORCING A MINIMUM OF 28" AT SPLICES AND AROUND CORNERS.
 - WELDED WIRE FABRIC SHALL CONFORM WITH ASTM A-185, AND SHALL BE LAPPED 8 INCHES MINIMUM AT ALL SIDE AND END LAPS. NOTE: WELDED WIRE FABRIC IS USED IN THE STRUCTURAL DESIGN OF THE FLOOR SLAB. THEREFORE, FIBER REINFORCING CANNOT BE USED AS AN ALTERNATE.
 - VAPOR BARRIER SHALL BE A MINIMUM OF 6 MIL POLYETHYLENE WITH JOINTS LAPPED NOT LESS THAN 6 INCHES.
 - STRUCTURAL ANCHORS SHALL BE CONCRETE SCREWS TO BE PROVIDED BY TRACHTE BUILDING SYSTEMS. INSTALLATION INSTRUCTIONS ARE SPECIFIED IN NOTE 01 ON THE ERECTION DETAIL PAGES.
 - NON-STRUCTURAL ANCHORS SHALL BE EITHER POWDER ACTUATED ANCHORS OR TAPCON SCREW ANCHORS. THESE ANCHORS ARE NOT SUPPLIED BY TRACHTE BUILDING SYSTEMS. INSTRUCTIONS FOR LOCATING NON-STRUCTURAL ANCHORS ARE SPECIFIED IN NOTE 02 ON THE ERECTION DETAIL PAGES. NON-STRUCTURAL ANCHORS SHALL BE INSTALLED PER MANUFACTURERS SPECIFICATIONS.
 - FREE DRAINING GRANULAR FILL SHALL BE A NON FROST SUSCEPTIBLE FILL MATERIAL CONSISTING OF COURSE SAND, CRUSHED ROCK, OR AN APPROVED EQUIVALENT.

- FOUNDATION DESIGN NOTES:**
- FOUNDATION PLAN SHOWN IS DESIGNED FOR A PRESUMED 1,500 PSF ALLOWABLE BEARING PRESSURE.
 - PLEASE NOTIFY ENGINEER OF ANY UNUSUAL CONDITIONS.

- GENERAL FOUNDATION NOTES:**
- NOTCH SHALL BE LEVEL WITH NO PITCH.
 - FOUNDATION MUST BE SQUARE AND LEVEL.
 - PROVIDE CONTROL JOINTS AT 15'-0" ON CENTER MAXIMUM SPACING. ALL CONTROL JOINTS SHOULD BE LOCATED AT LEAST 1 FOOT OFF OF THE TRACHTE BUILDING SYSTEMS COLUMN GRID SHOWN ON THE FOUNDATION PLAN.

NOTE
 TRACHTE BUILDING SYSTEMS, INC. IS ONLY RESPONSIBLE FOR THE DESIGN OF THE FOUNDATION TO ACCEPT OUR BUILDINGS. THE DESIGN IS BASED ON THE PARAMETERS SPECIFIED IN THE NOTES, AND THE LOADS IMPOSED BY OUR BUILDING SYSTEM. IT IS THE OWNERS RESPONSIBILITY TO NOTIFY TRACHTE'S ENGINEERING DEPARTMENT OF ANY UNUSUAL SITE CONDITIONS OR OF ANY MATERIALS NOT SUPPLIED BY TRACHTE, THAT WILL IMPOSE LOADS ON THE FOUNDATION SYSTEM.
 ACTUAL CONSTRUCTION OF THE FOUNDATION, INCLUDING LABOR AND MATERIALS FOR PLACING OF REINFORCING STEEL AND CONCRETE IS BY OTHERS AND THEREFORE, NOT THE RESPONSIBILITY OF TRACHTE BUILDING SYSTEMS.

FOUNDATION LEGEND



SLAB THICKNESS
4"

CONCRETE SCREW (INTERIOR)
3/8" x 2 1/2"

CONCRETE SCREW (EXTERIOR)
3/8" x 2 1/2"

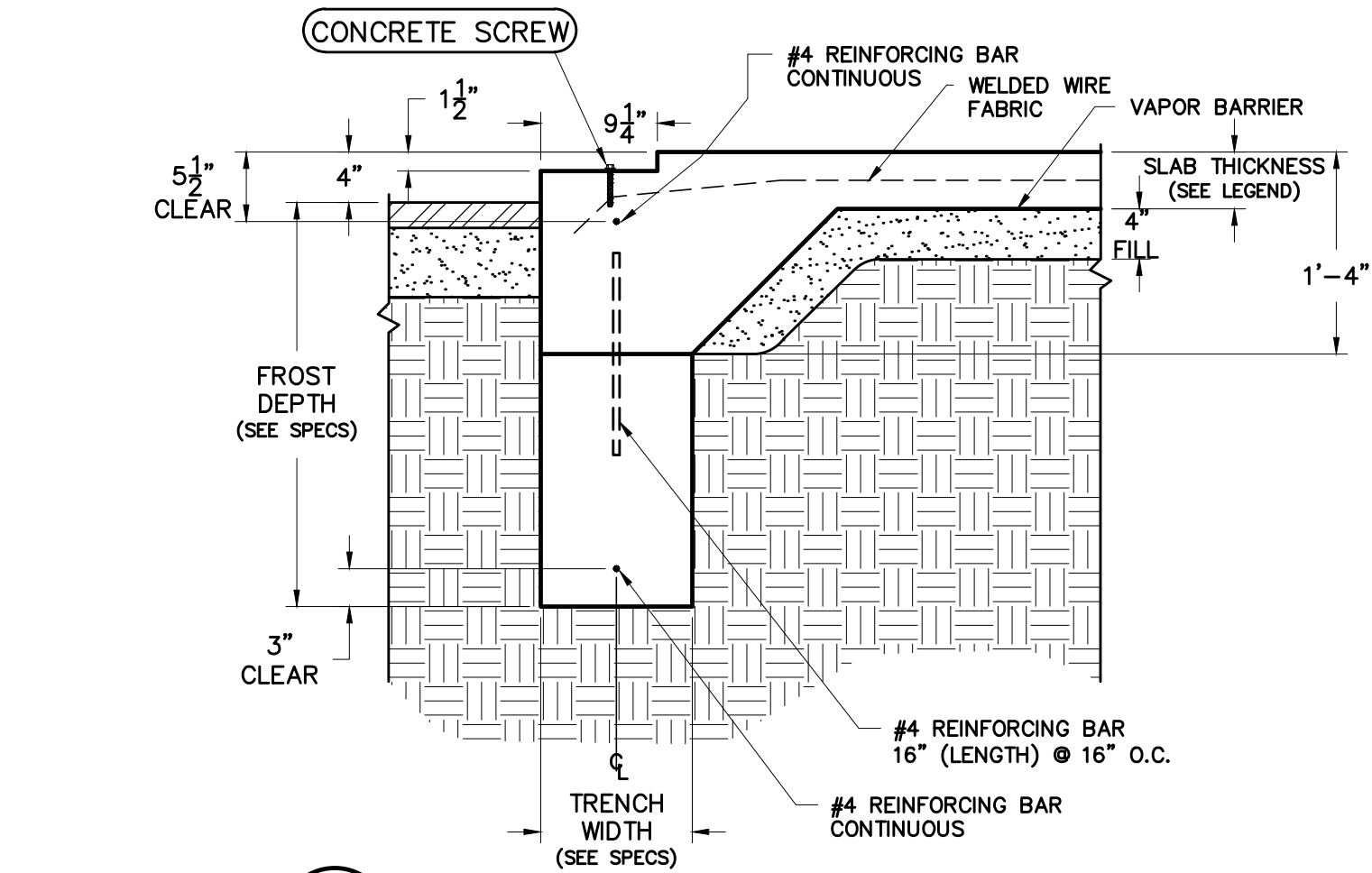
PAD SPECS
PAD THICKNESS
6 1/2"

PAD WIDTH
1'-5"

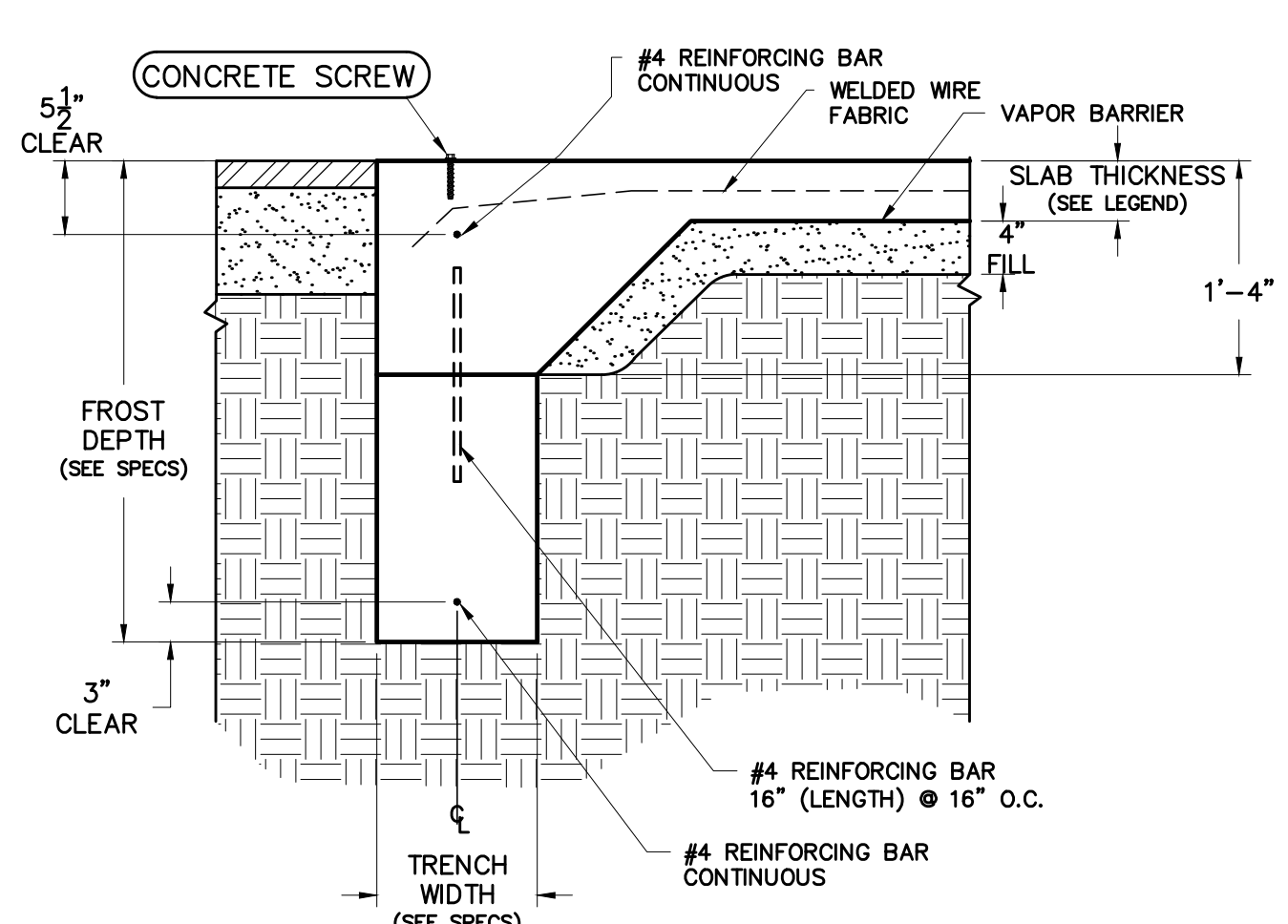
TRENCH WALL SPECS

FROST DEPTH
3'-6"

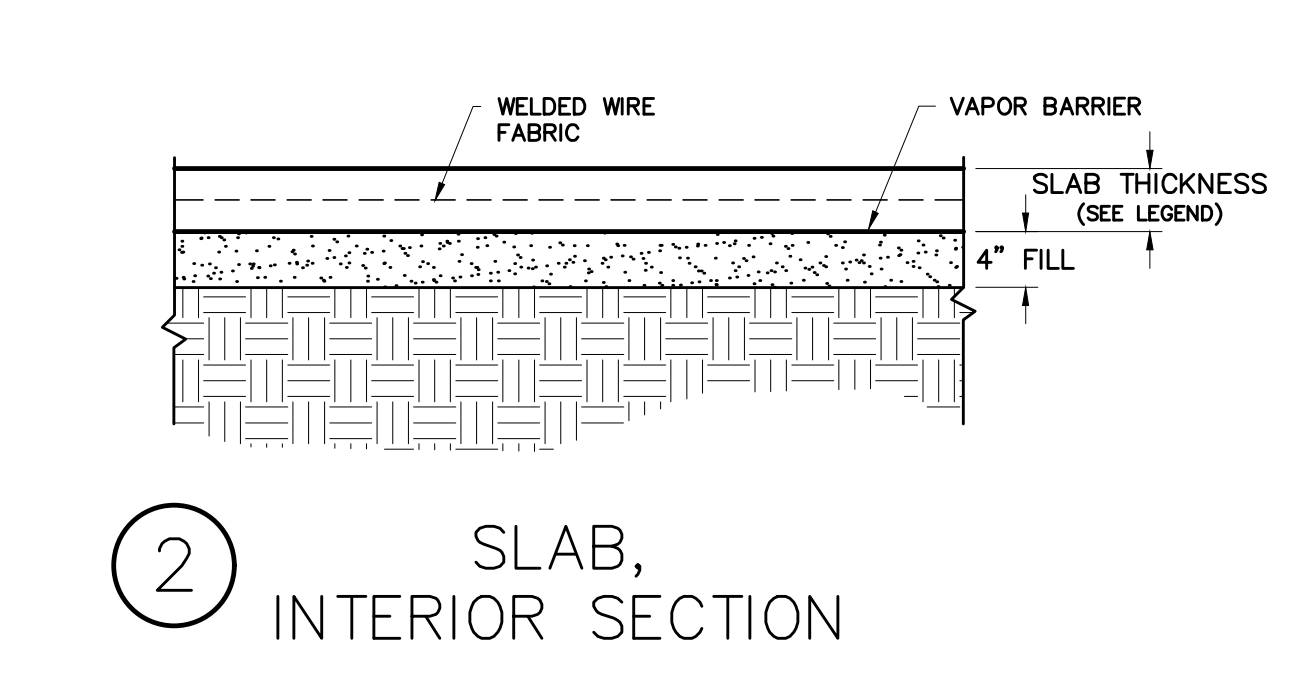
TRENCH WIDTH
8"



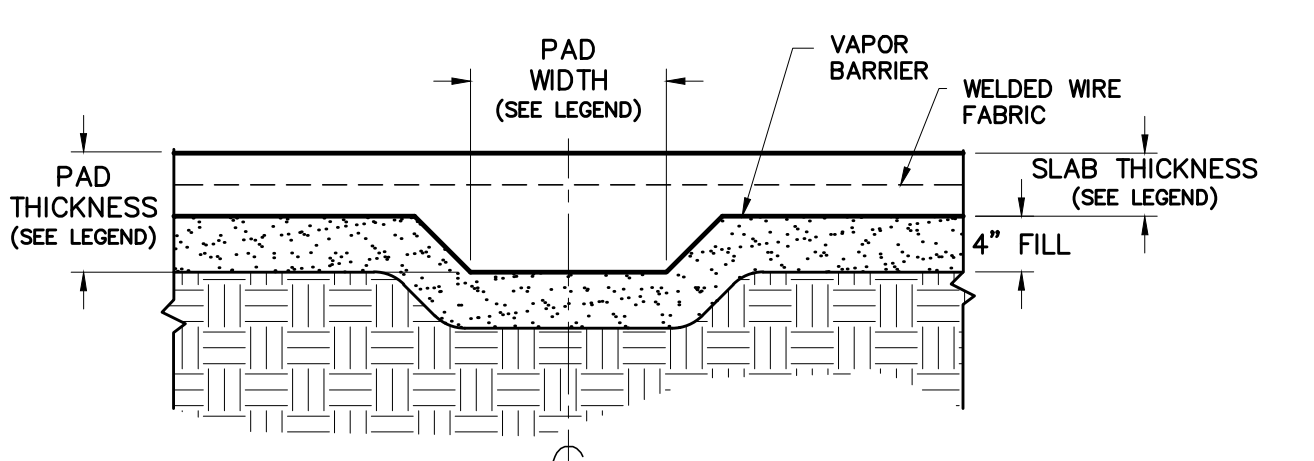
1 STANDARD TRENCH DETAIL, NOTCHED



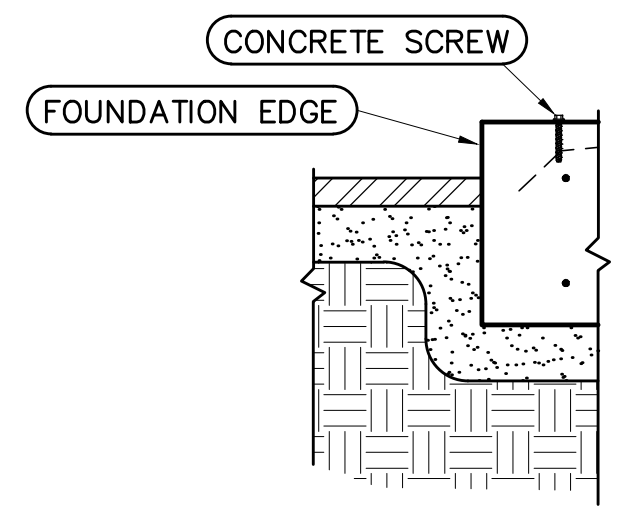
1A STANDARD TRENCH DETAIL, NO NOTCH



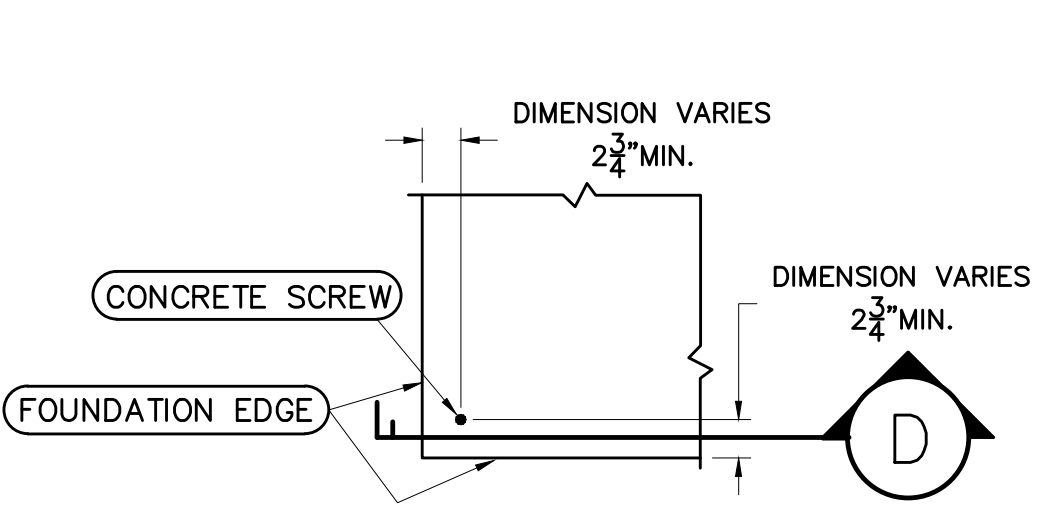
2 SLAB, INTERIOR SECTION



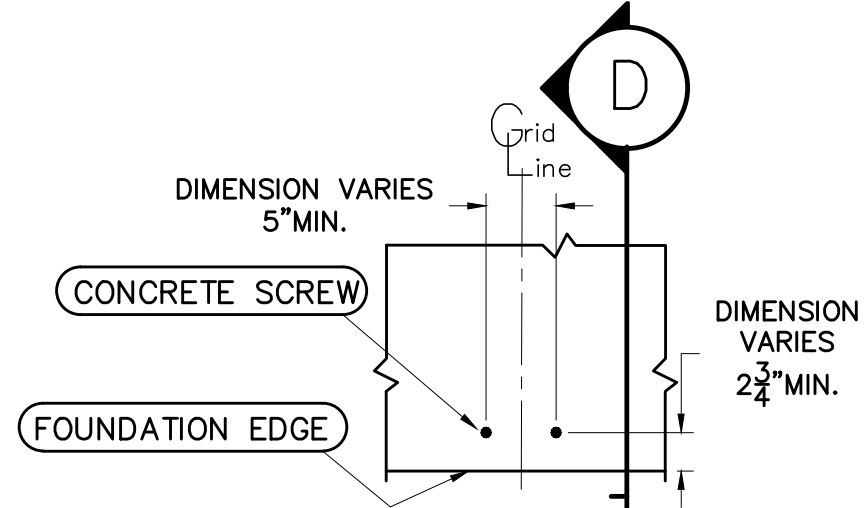
2A SLAB, INTERIOR PAD SECTION



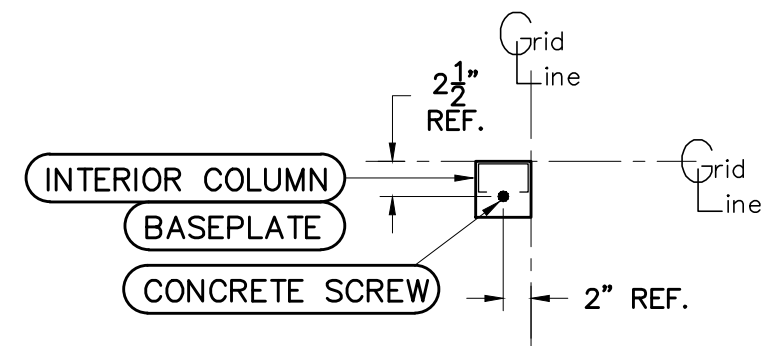
D CONCRETE SCREW, SECTION, FOUNDATION EDGE



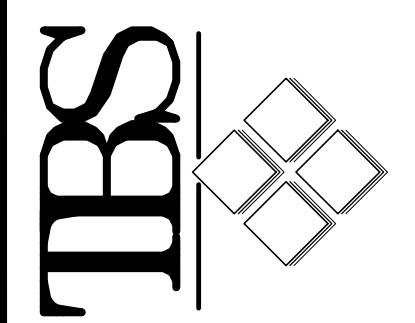
A CONCRETE SCREW LOCATION, CORNER



B CONCRETE SCREW LOCATION, EXTERIOR



C CONCRETE SCREW LOCATION, INTERIOR BASEPLATE

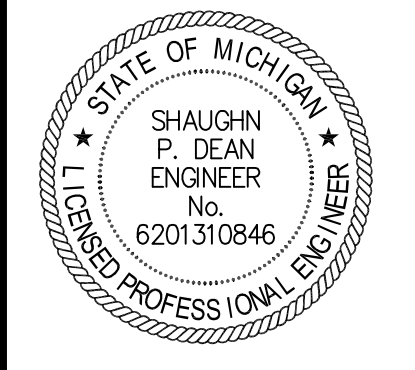


MARK DAVENPORT
 GRIFFIN MINI STORAGE
 201 SQUIRES DRIVE
 MILAN, MI

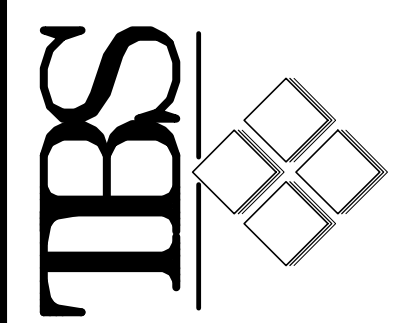
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 Drawn by: TSH
 Scale: 1/8" = 1'-0"
 Plan No.: P51635 B
 Order No.:
 Sheet No.:

B1.0

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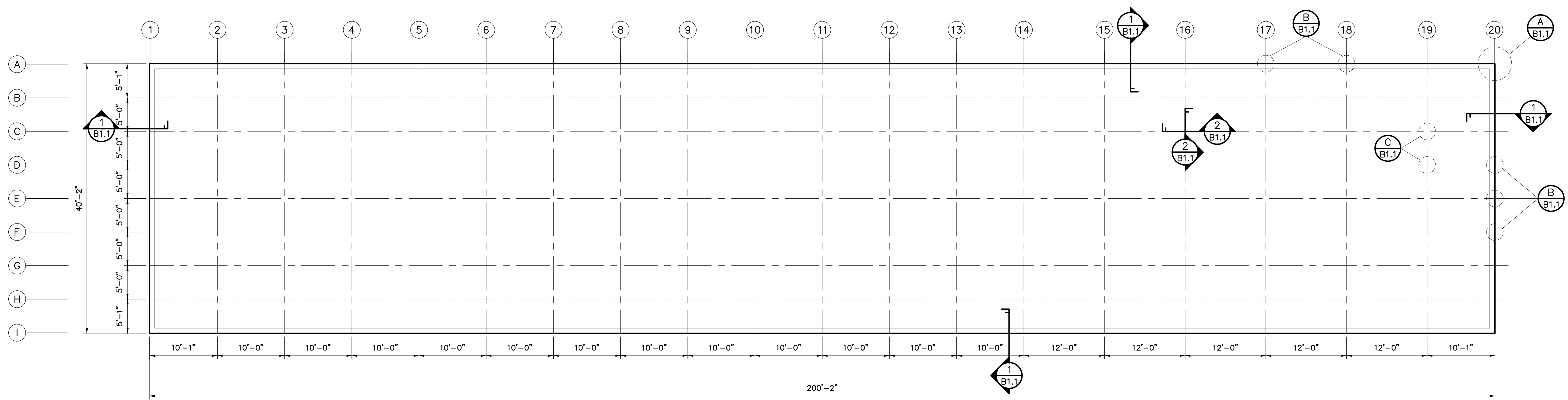


MARK DAVENPORT
 GRIFFIN MINI STORAGE
 201 SQUIRES DRIVE
 MILAN, MI

FOUNDATION PLAN & DETAILS

Date: 07/22/2022
 Drawn by: TSH
 Scale: 1/8" = 1'-0"
 Plan No.: P51635 B
 Order No.:
 Sheet No.:

B1.1



FOUNDATION PLAN for MINI STORAGE BUILDING #4

GENERAL FOUNDATION NOTES

- FOUNDATION SPECIFICATIONS**
- FLOOR SLAB SHALL BE (SEE LEGEND) THICK WITH 6 X 6 - W1.4 X W1.4 WELDED WIRE FABRIC.
 - CONCRETE SHALL BE OF A MIXTURE AND DENSITY TO YIELD A 2,500 PSI COMPRESSIVE STRENGTH AT 28 DAYS. NOTE: STRUCTURAL DESIGN IS BASED ON 2,500 PSI. HOWEVER, 3,000 PSI IS PREFERRED.
 - REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60 FOR #4 AND LARGER BARS, AND GRADE 40 FOR #3 BARS AND ALL DOWELS AND TIES. STEEL SHALL BE KEPT CLEAN AND FREE OF RUST. LAP ALL REINFORCING A MINIMUM OF 28" AT SPLICES AND AROUND CORNERS.
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 - VAPOR BARRIER SHALL BE A MINIMUM OF 6 MIL POLYETHYLENE WITH JOINTS LAPPED NOT LESS THAN 6 INCHES.
 - STRUCTURAL ANCHORS SHALL BE CONCRETE SCREWS TO BE PROVIDED BY TRACHTE BUILDING SYSTEMS. INSTALLATION INSTRUCTIONS ARE SPECIFIED IN NOTE 01 ON THE ERECTION DETAIL PAGES.
 - NON-STRUCTURAL ANCHORS SHALL BE EITHER POWDER ACTUATED ANCHORS OR TAPCON SCREW ANCHORS. THESE ANCHORS ARE NOT SUPPLIED BY TRACHTE BUILDING SYSTEMS. INSTRUCTIONS FOR LOCATING NON-STRUCTURAL ANCHORS ARE SPECIFIED IN NOTE 02 ON THE ERECTION DETAIL PAGES. NON-STRUCTURAL ANCHORS SHALL BE INSTALLED PER MANUFACTURERS SPECIFICATIONS.
 - FREE DRAINING GRANULAR FILL SHALL BE A NON FROST SUSCEPTIBLE FILL MATERIAL CONSISTING OF COURSE SAND, CRUSHED ROCK, OR AN APPROVED EQUIVALENT.

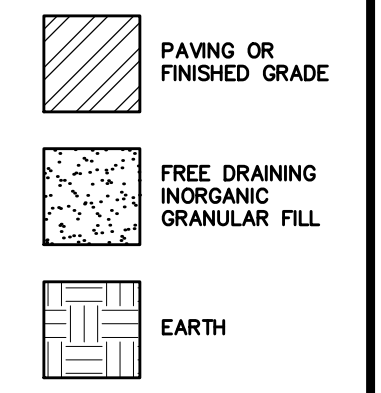
FOUNDATION DESIGN NOTES:

- FOUNDATION PLAN SHOWN IS DESIGNED FOR A PRESUMED 1,500 PSF ALLOWABLE BEARING PRESSURE.
- PLEASE NOTIFY ENGINEER OF ANY UNUSUAL CONDITIONS.

GENERAL FOUNDATION NOTES:

- NOTCH SHALL BE LEVEL WITH NO PITCH.
 - FOUNDATION MUST BE SQUARE AND LEVEL.
 - PROVIDE CONTROL JOINTS AT 15'-0" ON CENTER MAXIMUM SPACING. ALL CONTROL JOINTS SHOULD BE LOCATED AT LEAST 1 FOOT OFF OF THE TRACHTE BUILDING SYSTEMS COLUMN GRID SHOWN ON THE FOUNDATION PLAN.
- NOTE**
 TRACHTE BUILDING SYSTEMS, INC. IS ONLY RESPONSIBLE FOR THE DESIGN OF THE FOUNDATION TO ACCEPT OUR BUILDINGS. THE DESIGN IS BASED ON THE PARAMETERS SPECIFIED IN THE NOTES, AND THE LOADS IMPOSED BY OUR BUILDING SYSTEM. IT IS THE OWNERS RESPONSIBILITY TO NOTIFY TRACHTE'S ENGINEERING DEPARTMENT OF ANY UNUSUAL SITE CONDITIONS OR OF ANY MATERIALS NOT SUPPLIED BY TRACHTE, THAT WILL IMPOSE LOADS ON THE FOUNDATION SYSTEM. ACTUAL CONSTRUCTION OF THE FOUNDATION, INCLUDING LABOR AND MATERIALS FOR PLACING OF REINFORCING STEEL AND CONCRETE IS BY OTHERS AND THEREFORE, NOT THE RESPONSIBILITY OF TRACHTE BUILDING SYSTEMS.

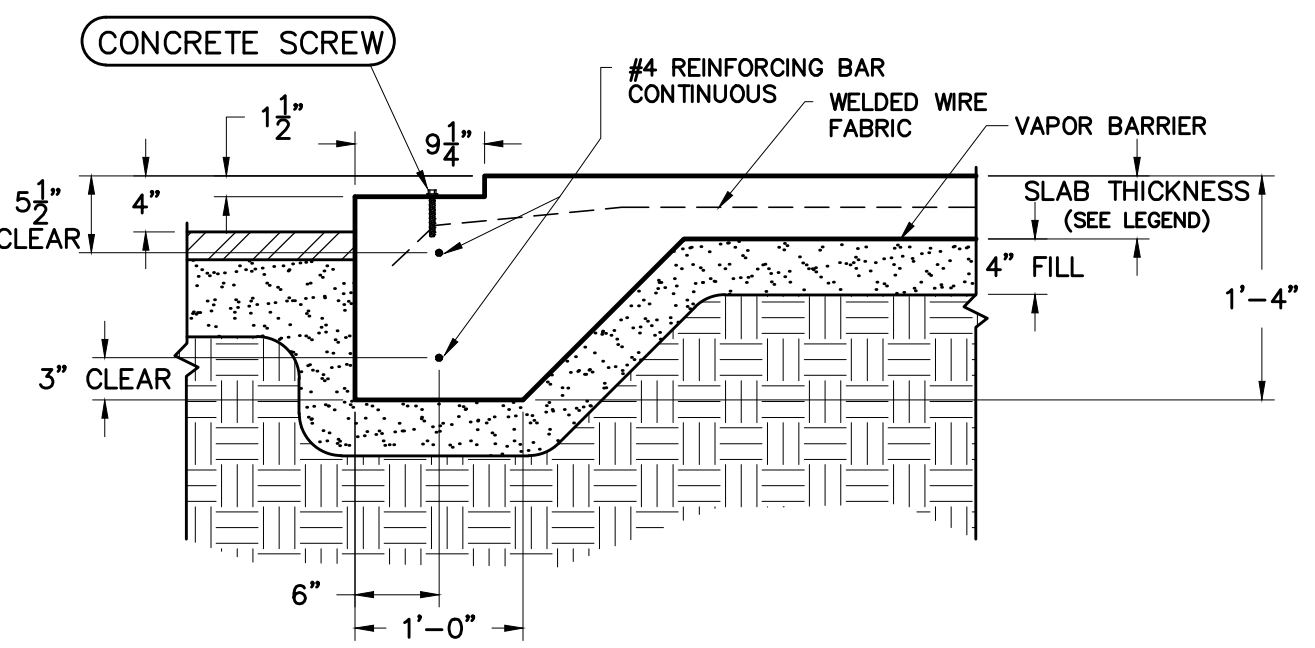
FOUNDATION LEGEND



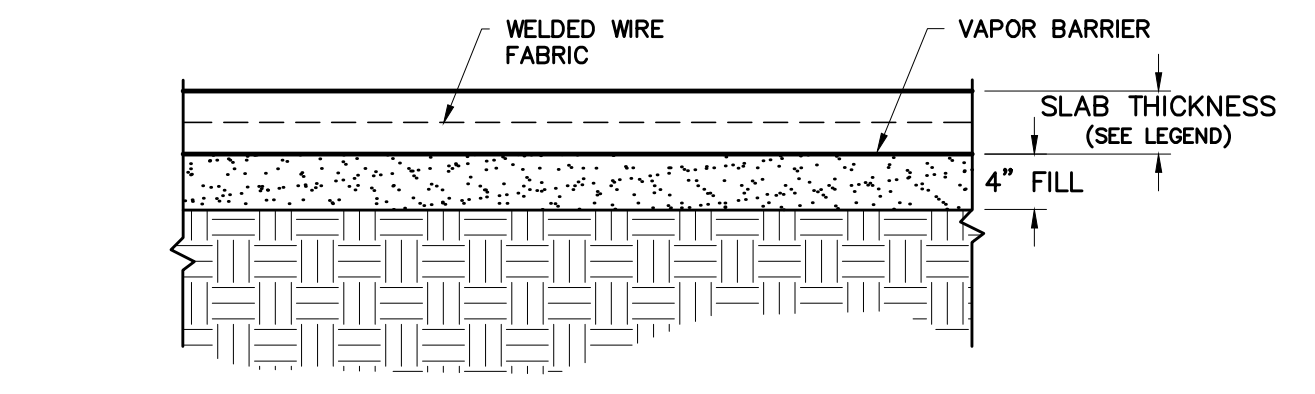
SLAB THICKNESS
4"

CONCRETE SCREW (INTERIOR)
3/8" x 2 1/2"

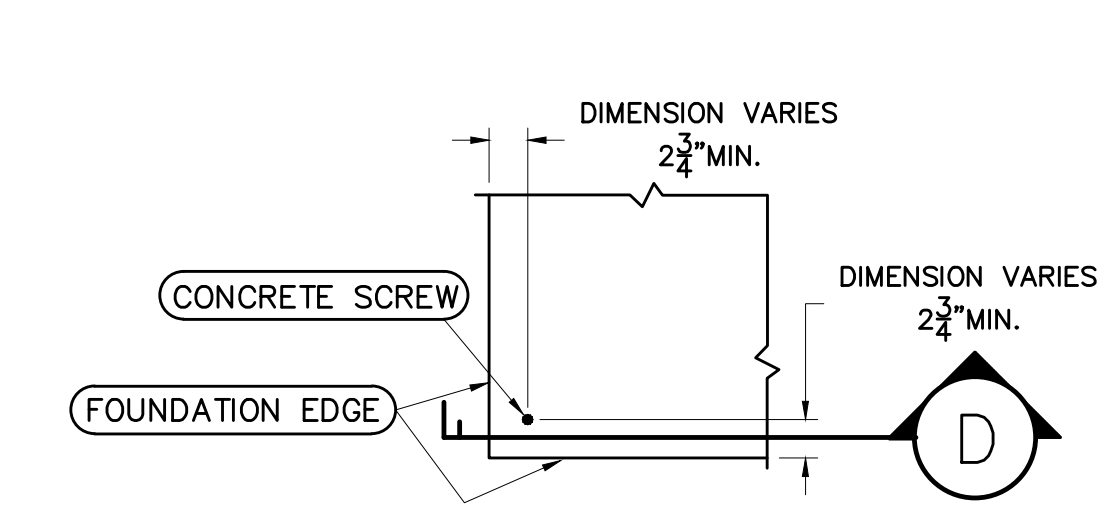
CONCRETE SCREW (EXTERIOR)
3/8" x 2 1/2"



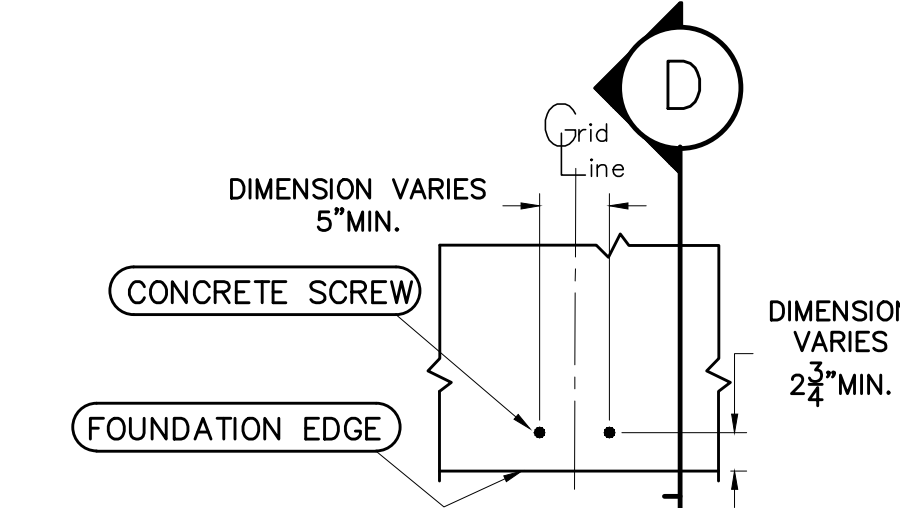
① FLOATING SLAB DETAIL, NOTCHED



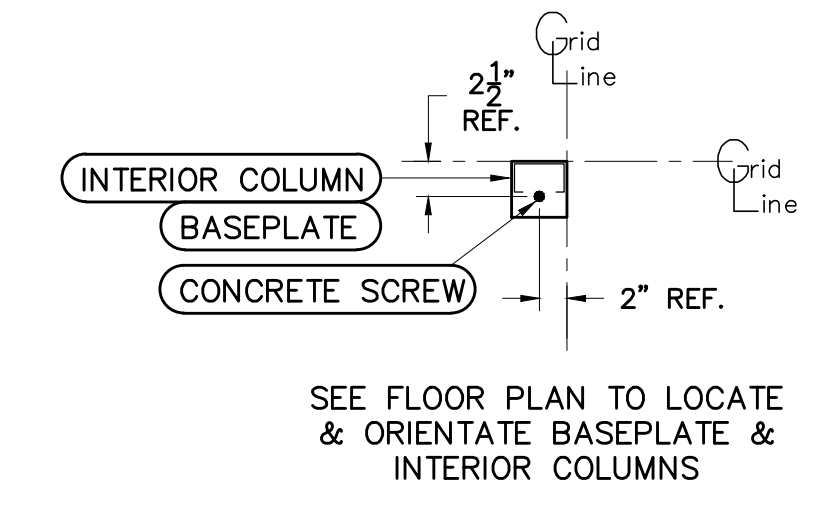
② SLAB, INTERIOR SECTION



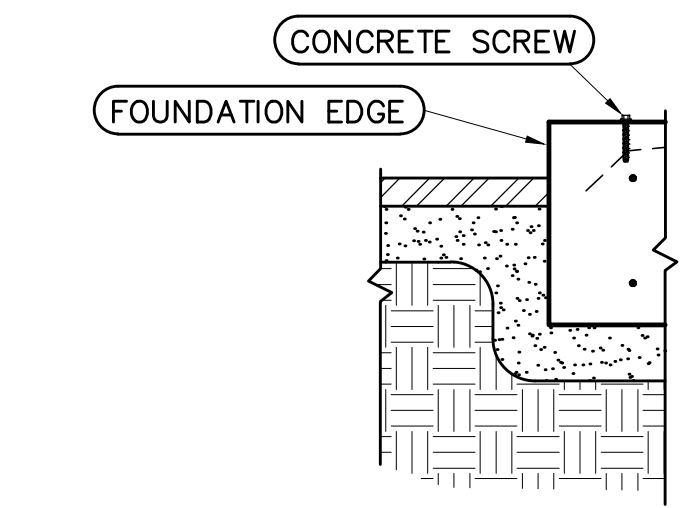
① CONCRETE SCREW LOCATION, CORNER



② CONCRETE SCREW LOCATION, EXTERIOR



③ CONCRETE SCREW LOCATION, INTERIOR BASEPLATE



④ CONCRETE SCREW, SECTION, FOUNDATION EDGE

SEE FLOOR PLAN TO LOCATE & ORIENTATE BASEPLATE & INTERIOR COLUMNS

CONCRETE SCREW ANCHOR TO BE ERECTOR INSTALLED IN LIEU OF CAST-IN-PLACE ANCHOR SCREWS. MINIMUM EMBEDMENT DEPTH = (CONCRETE SCREW LENGTH) + 1/2"