

TAYLORSVILLE NORTH BOUND REST AREA INDIANA DEPARTMENT OF TRANSPORTATION

DRAWING SET #2 NB MAINTENANCE BUILDING (Specifications Volumes 2, 3)

ERIC HOLCOMB
GOVERNOR

SUZANNE CROUCH
LIEUTENANT GOVERNOR

DR. REBECCA HOLWERDA
COMMISSIONER, DEPARTMENT OF ADMINISTRATION

MICHAEL SMITH
COMMISSIONER, DEPARTMENT OF TRANSPORTATION

BOB GROSSMAN
DIRECTOR, PUBLIC WORKS DIVISION

SYMBOLS

- DETAIL NUMBER
SHEET NUMBER
- WINDOW MARK
- GRID LINE MARK
- ELEVATION MARK
- DETAIL LETTER
BUILDING SECTION
SHEET NUMBER
- DETAIL NUMBER
INTERIOR ELEVATION
SHEET NUMBER
- DETAIL NUMBER
WALL SECTION
SHEET NUMBER
- ROOM NAME
ROOM NAME/NUMBER
- ROOM NUMBER
ROOM NUMBER
- ROOM FINISH KEY
(SEE FLOOR PLAN)

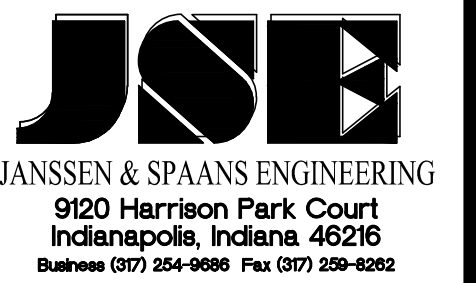
SHEET INDEX DRAWING SET # 2

ST - MAINTENANCE BUILDING

ARCHITECTURAL	
1	G000 COVER SHEET
2	S100 FOOTING / FOUNDATION PLAN, FLOOR CONTROL JOINT PLAN AND FOUNDATION DETAILS
3	S101 ROOF FRAMING PLAN, BUILDING EXCAVATION PLAN
4	A001 LIFE SAFETY PLAN
5	A100 FLOOR PLAN, REFLECTED CEILING PLAN, ROOF PLAN
6	A200 EXTERIOR ELEVATIONS
7	A300 SECTIONS
8	A301 SECTIONS
9	A600 DOOR SCHEDULE AND DETAILS
10	A-920 DUMPSTER ENCLOSURE FLOOR PLAN
11	A921 DUMPSTER ENCLOSURE ELEVATIONS AND DETAILS
PLUMBING	
12	P101 PLUMBING PLAN
MECHANICAL	
13	M101 HVAC PLAN
ELECTRICAL	
14	E100 ELECTRICAL SITE PLAN
15	E101 ELECTRICAL PLANS
16	E102 ELECTRICAL MISCELLANEOUS

95% CONTRACT DOCUMENTS SEPTEMBER 2024

Certified by:



Fosse & Associates Architects, Inc.
201 NW Fourth St. Suite 20 - Evansville, IN 47708
Phone: (812) 424-7941 Fax: (812) 424-7942
E-mail: fosse@fosse-arch.com

B. C. Engineering, Inc.
Mechanical & Electrical Engineering
511 Carpenter Street
Evansville, IN 47708
Phone: (812) 424-7941
Fax: (812) 424-7942
www.boeng.com

PUBLIC WORKS PROJECT NO. 03003001-24-025-C1
TAYLORSVILLE NB TRUCK PARKING
TAYLORSVILLE, INDIANA



Revisions:

Project Number: 03003001-24-025-D1

Requisition Number:

Account Number:

Designer: Drawing Date: SEP 2024

Drafter: Drawing Scale:

DAPW Approval:

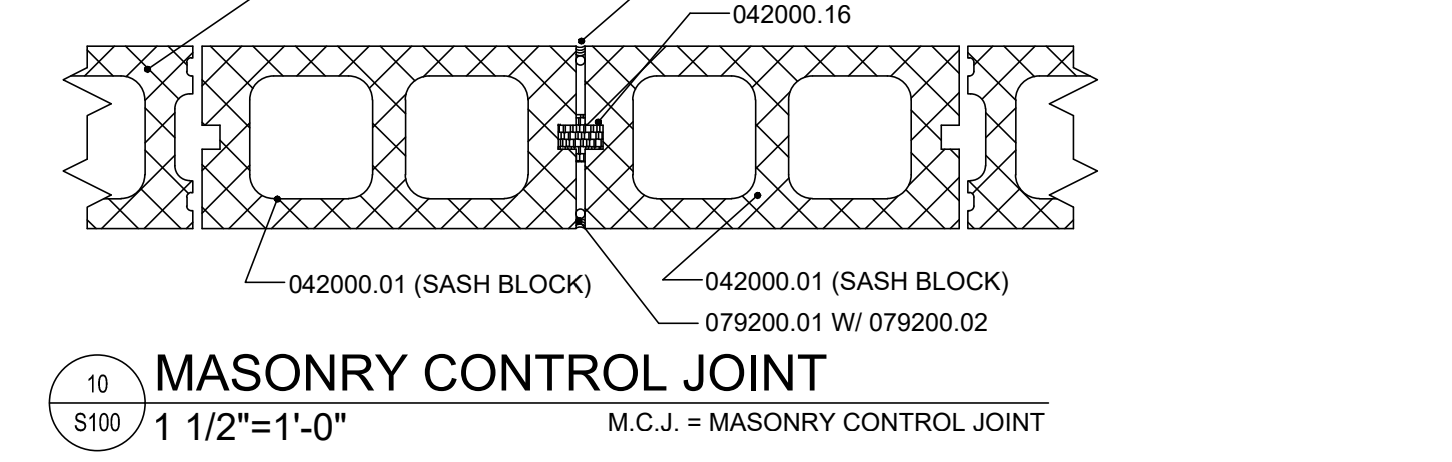
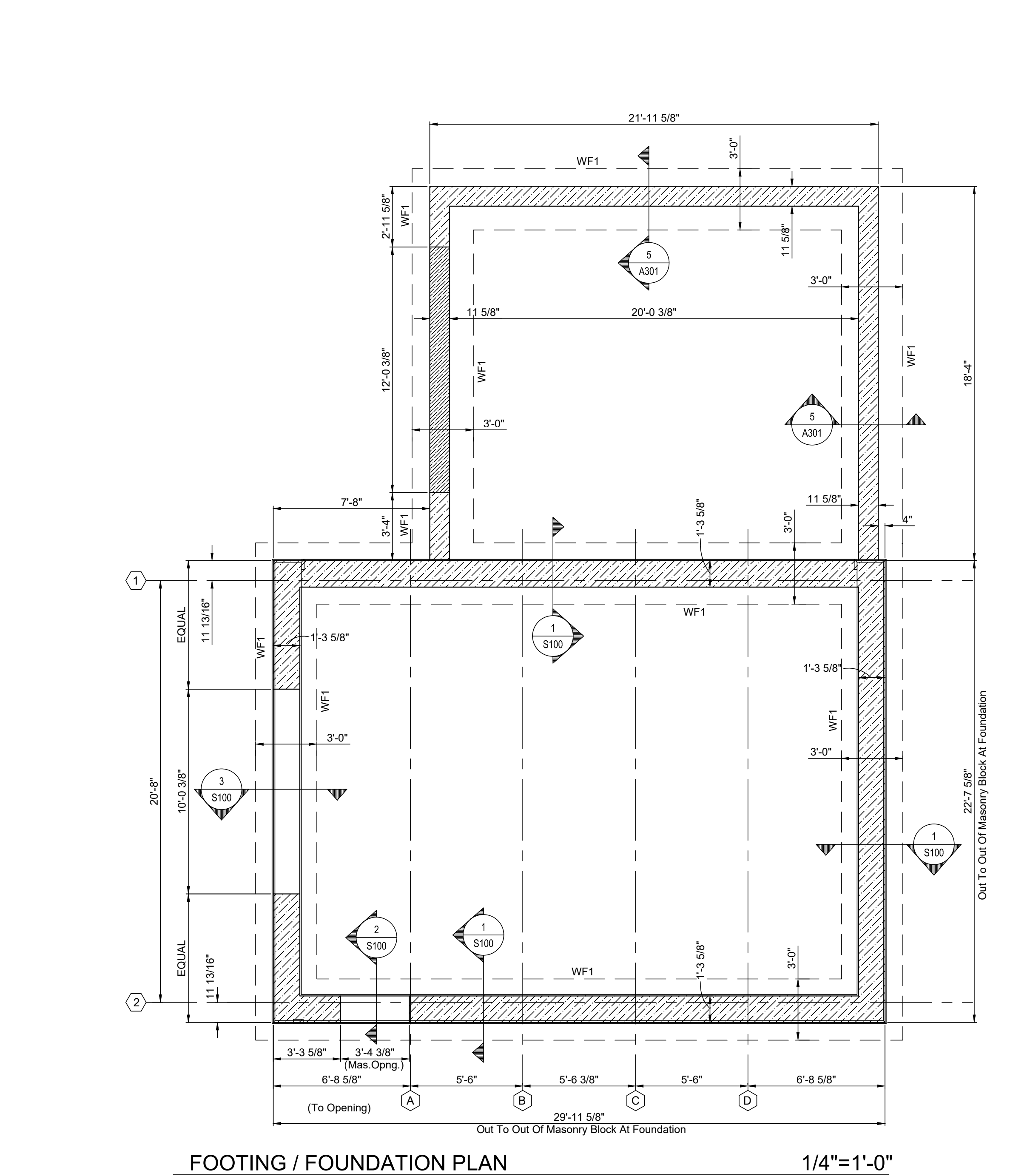
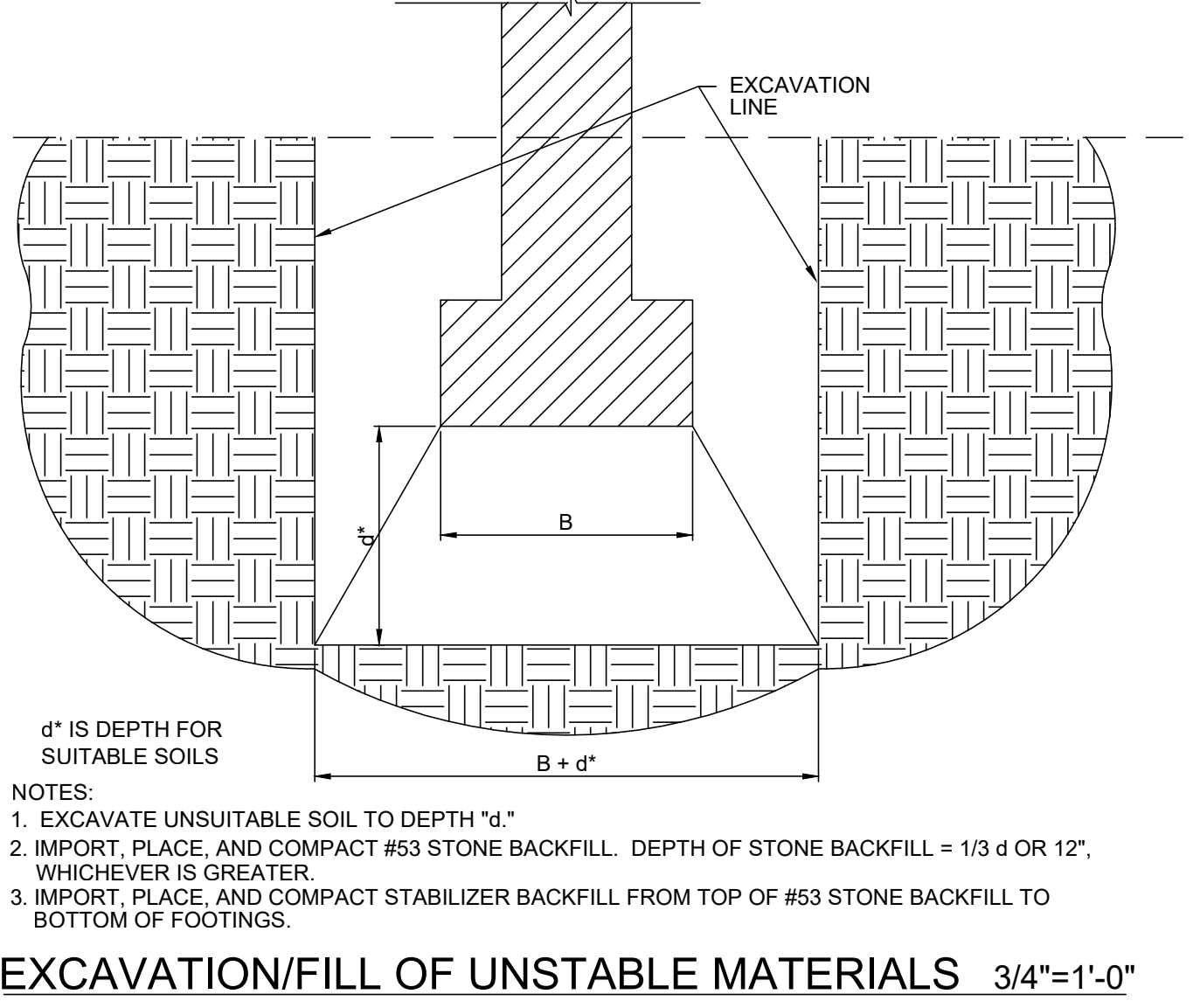
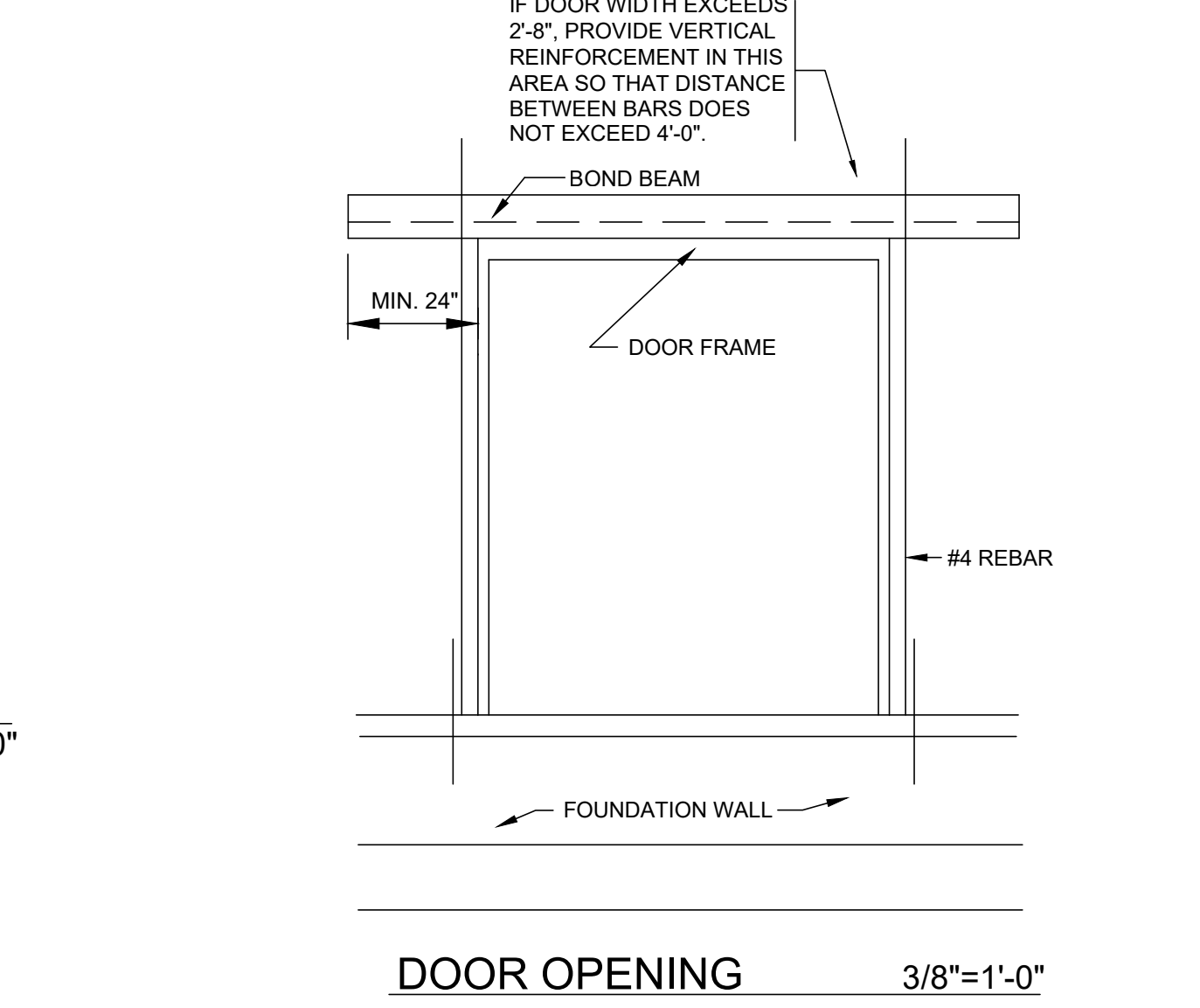
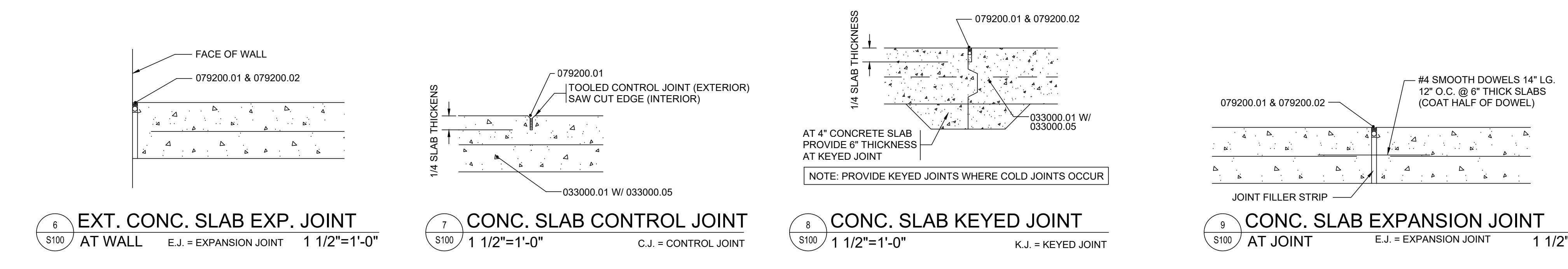
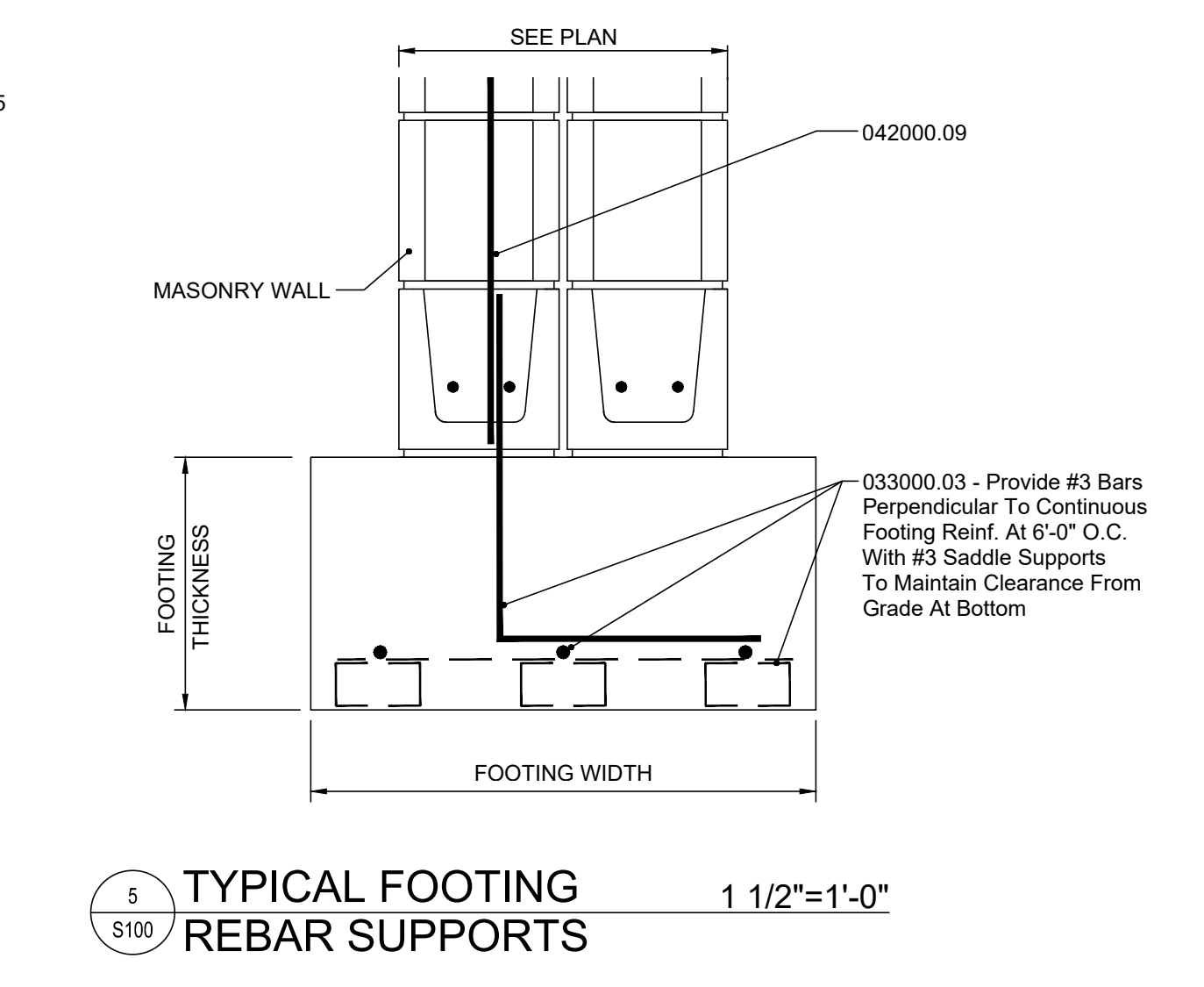
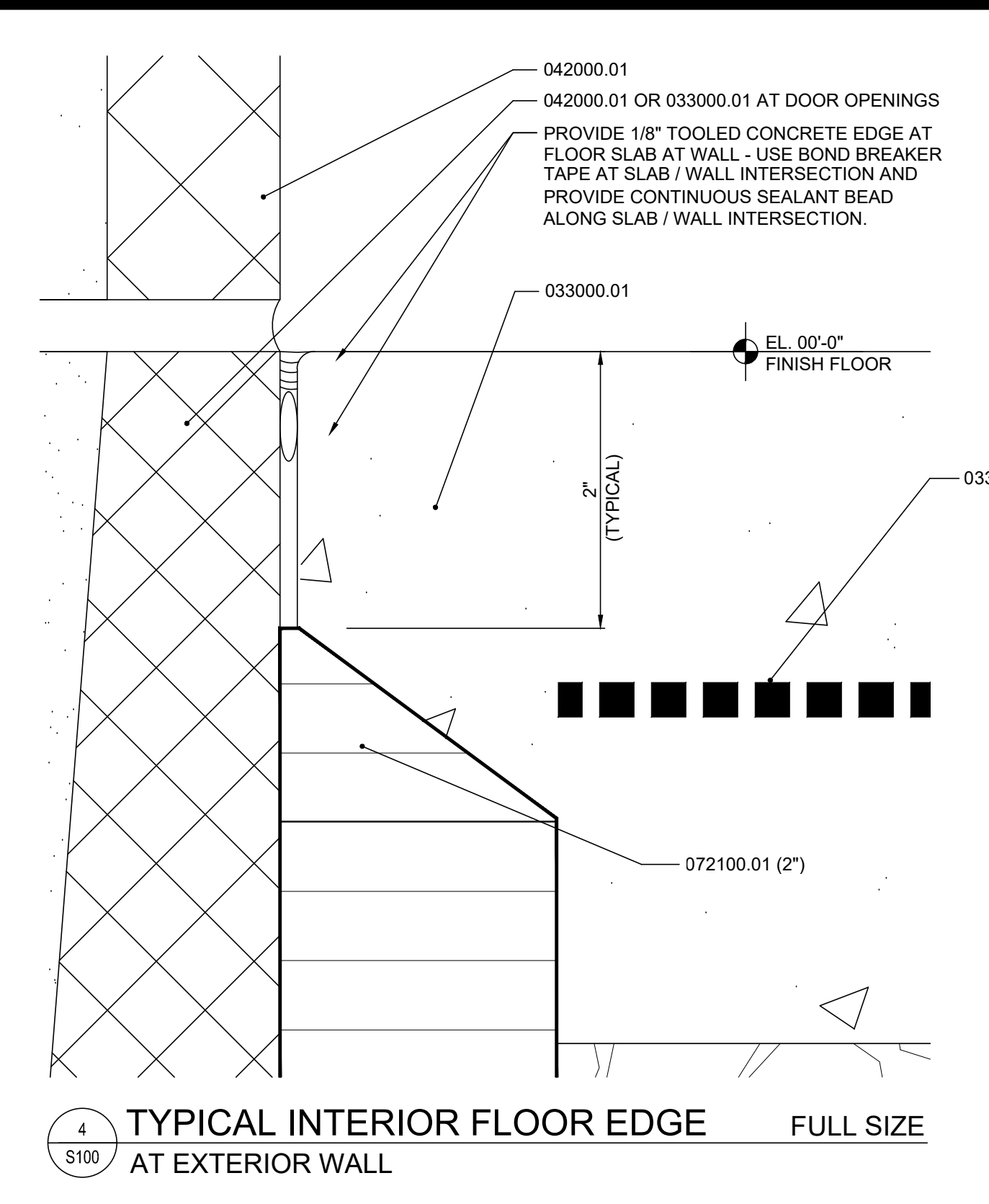
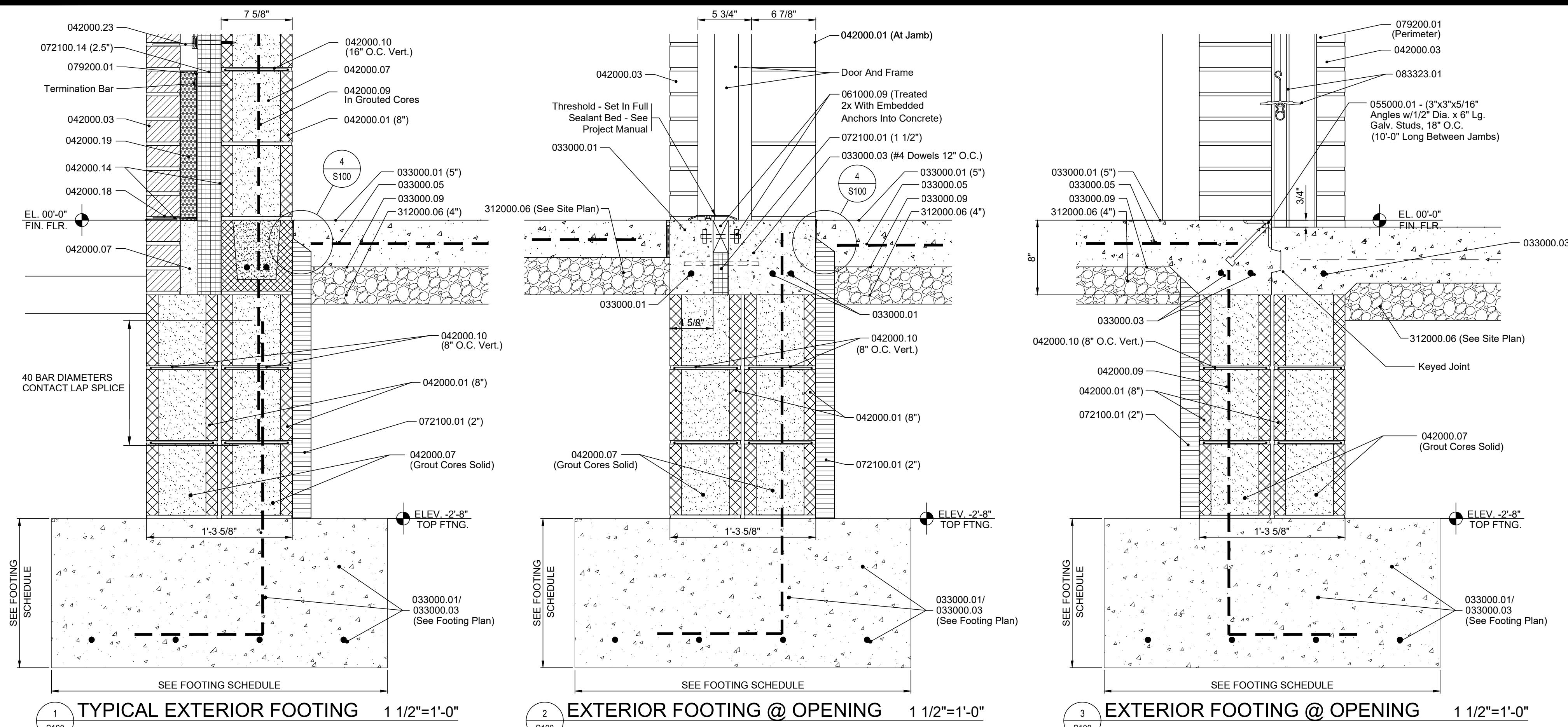
Client Approval:

Reference Number: 1385N

Building Reference: ST

Drawing Number: G000

Sheet: 1 of 16



UNLESS OTHERWISE INDICATED, PROVIDE LINTELS AT ALL OPENINGS IN ACCORDANCE WITH SCHEDULES BELOW. MASONRY LINTELS ARE PREFERRED. STEEL LINTELS AT EXTERIOR WALLS - HOT DIPPED GALVANIZED, AFTER FABRICATION.

MASONRY LINTEL SCHEDULE		
NOMINAL WALL THICKNESS	CLEAR SPAN	
UP TO 6'-0"	6'-0" TO 10'-0"	
8"	8" H. BOND BEAM W/ 2 - #5 BAR	16" H. BOND BEAM W/ 4 - #5 BAR

- GENERAL NOTES**
- UNLESS OTHERWISE INDICATED, FOOTINGS ARE CENTERED ON WALLS.
 - ALL PERIMETER WALLS IN ADDITION TO JOINT REINFORCING HAVE BOND BEAMS AS FOLLOWS: FOLLOWING LOCATIONS: AT FLOOR LEVEL, AT BEARING ELEVATIONS / TOP OF WALLS.
 - BOND BEAMS: SEE SCHEDULE ON THIS SHEET BELOW.
 - PROVIDE FOOTING DOWELS FOR VERT. REINFORCEMENT.
 - TOF = TOP OF FOOTING.

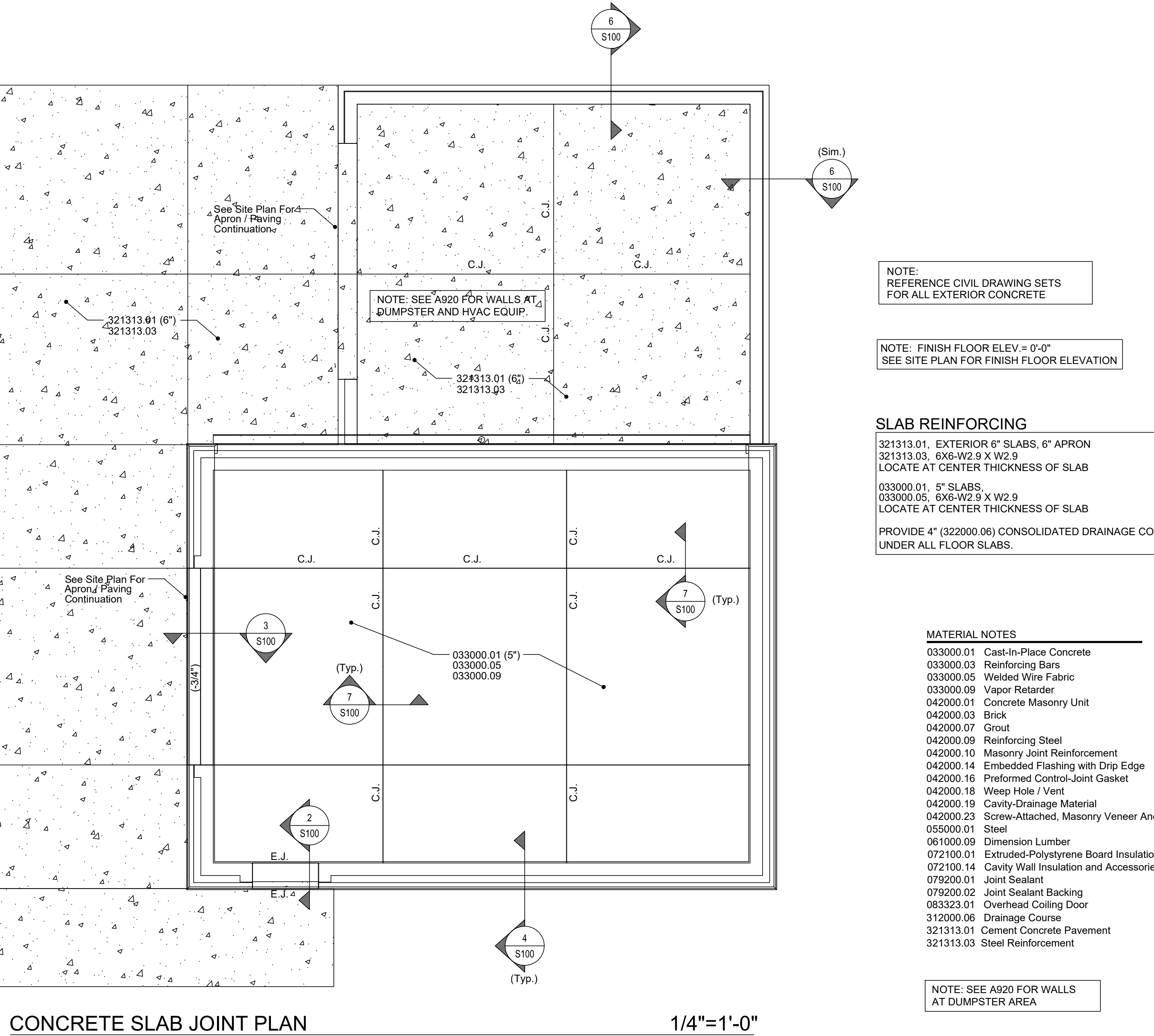
- BOND BEAM REINFORCING**
- UNLESS OTHERWISE INDICATED, ALL BOND BEAM REINFORCING AS FOLLOWS: 8" BOND BEAMS: 2 - #5 BARS, CONTINUOUS IN GROUTED CORES.
- NOTE: ALL WALLS THAT EXTEND TO FOOTINGS ARE LATERAL FORCE RESISTING SYSTEM (LFRS) WALLS.

- WALL REINFORCING**
- EXTERIOR WALL: #5 BARS, 2'-8" O.C. IN GROUTED CORES
 NOTE: ALL FOUNDATION BLOCK GROUTED SOLID.

FOOTING MARK	SIZE (W x D)	REINFORCING
WF1	3'-0" W. x 12", CONT.	4 - #5 CONT., 9" o.c.

NOTE: UNLESS OTHERWISE INDICATED, FOOTING REINFORCEMENT IS 3" FROM BOTTOM OF FOOTING.
 WF = WALL FOOTING

NOTE: TOOL ALL MASONRY JOINTS.



NOTE: REFERENCE CIVIL DRAWING SETS FOR ALL EXTERIOR CONCRETE

NOTE: FINISH FLOOR ELEV. = 0'-0"
 SEE SITE PLAN FOR FINISH FLOOR ELEVATION

SLAB REINFORCING

321313.01, EXTERIOR 6" SLABS, 6" APRON
 321313.03, 6X6-W2 9 X W2 9
 LOCATE AT CENTER THICKNESS OF SLAB

033000.01, 5" SLABS,
 033000.05, 6X6-W2 9 X W2 9
 LOCATE AT CENTER THICKNESS OF SLAB

PROVIDE 4" (322000.06) CONSOLIDATED DRAINAGE COURSE UNDER ALL FLOOR SLABS.

- MATERIAL NOTES**
- 033000.01 Cast-In-Place Concrete
 - 033000.03 Reinforcing Bars
 - 033000.05 Welded Wire Fabric
 - 033000.09 Vapor Retarder
 - 042000.01 Concrete Masonry Unit
 - 042000.03 Brick
 - 042000.07 Grout
 - 042000.09 Reinforcing Steel
 - 042000.10 Masonry Joint Reinforcement
 - 042000.14 Embedded Flashing with Drip Edge
 - 042000.16 Preformed Control-Joint Gasket
 - 042000.18 Weep Hole / Vent
 - 042000.19 Cavity-Drainage Material
 - 042000.23 Screw-Attached, Masonry Veneer Anchor
 - 055000.01 Steel
 - 061000.09 Dimension Lumber
 - 072100.01 Extruded-Polystyrene Board Insulation
 - 072100.14 Cavity Wall Insulation and Accessories
 - 079200.01 Joint Sealant
 - 079200.02 Joint Sealant Backing
 - 083323.01 Overhead Ceiling Door
 - 312000.06 Drainage Course
 - 321313.01 Cement Concrete Pavement
 - 321313.03 Steel Reinforcement

NOTE: SEE A820 FOR WALLS AT DUMPSTER AREA

Certified by:

JOE
 JANSSEN & SPAANS ENGINEERING
 9120 Harrison Park Court
 Indianapolis, Indiana 46216
 Indiana (317) 254-0686 Fax (317) 259-6262

Fosse & Associates
 Architects, Inc.
 201 NW Fourth St. Suite 100 - Evansville, IN 47708
 Phone (812) 424-3235 - Fax (812) 424-3257
 E-mail: jfosse@fosse-arch.com

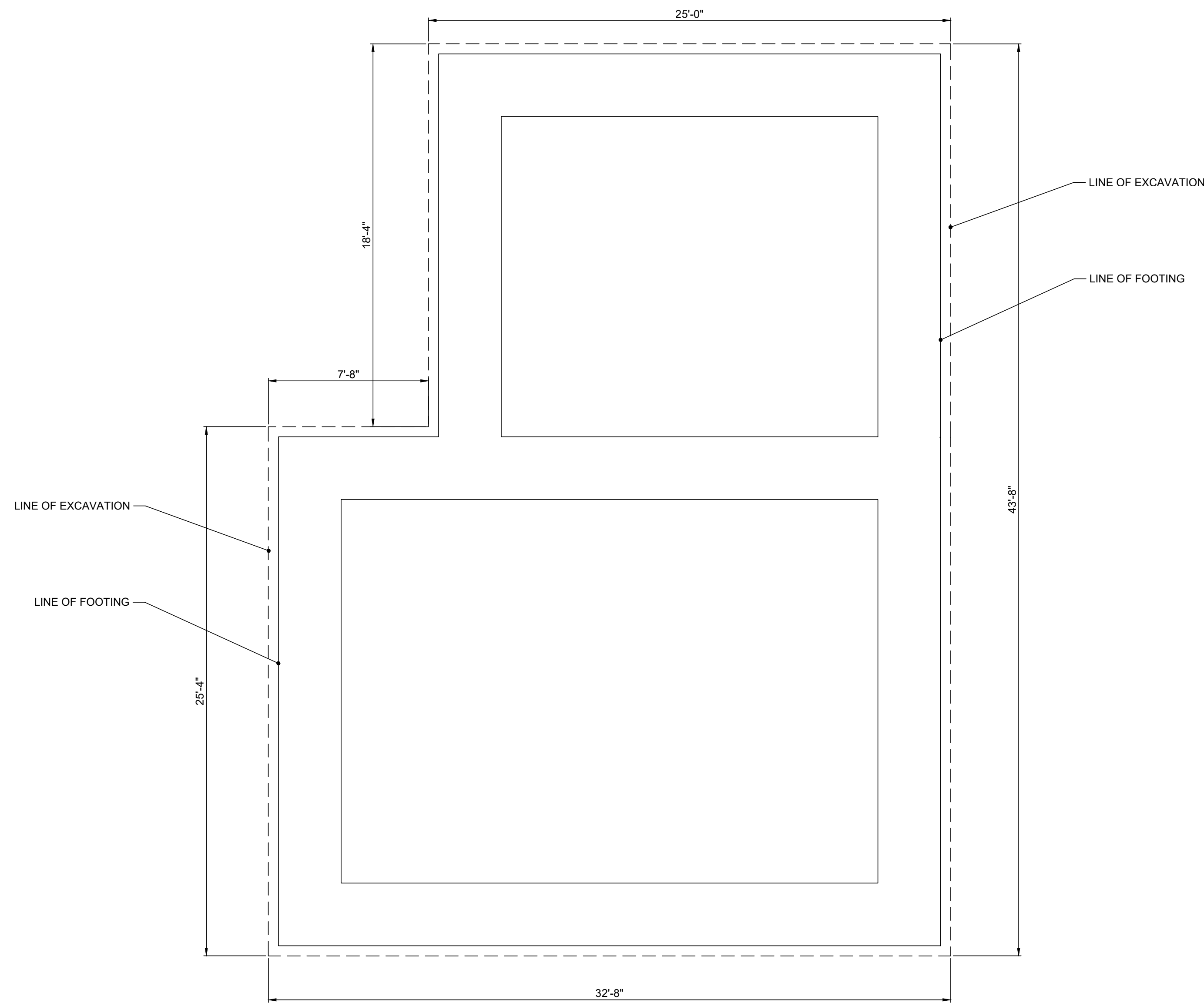
B.C. Engineering, Inc.
 Mechanical & Electrical Engineering
 501 Carpenter Street
 Evansville, IN 47708
 Phone: (812) 424-7941
 Fax: (812) 424-7942
 www.bcing.com

PUBLIC WORKS PROJECT NO. 03003001-24-025-C1
 TAYLORSVILLE NB TRUCK PARKING
 TAYLORSVILLE, INDIANA

IDOA
 INDIANA DEPARTMENT OF TRANSPORTATION

Revisions:

Project Number:	03003001-24-025-D1
Requirement Number:	
Account Number:	
Designer:	Drawing Date: SEP 2024
Drafter:	Drawing Scale:
Client Approval:	
Reference Number:	1385N
Building Reference:	ST
Drawing Number:	S100
Sheet:	2 of 16



BUILDING EXCAVATION PLAN

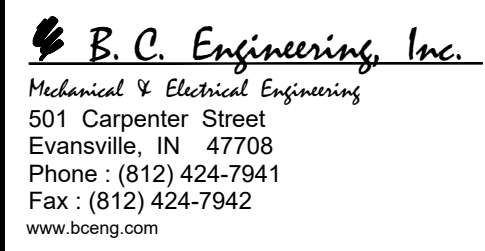
1/4"=1'-0"

1. Excavate To Elevation -5'-6" Below Finished Floor Elevation.
2. Install 6" Base Stabilization Course (312000.08), Compact/Roll Into Subgrade.
3. Install Base Stabilization Geotextile (312000.13).
4. Fill Remainder of Excavation with Engineered Fill (312000.04), Compact per Specifications.

MATERIAL NOTES

- 055000.01 Steel (Size)
- 055000.07 Fastener
- 055000.14 Loose Steel Angle
- 055000.20 Steel Plate
- 055000.22 Loose Steel Fabricated Bearing Plate
- 052100.01 Steel Joist
- 053100.01 Steel Roof Deck
- 053100.10 Sheet Steel Closure
- 079200.01 Joint Sealant
- 079200.02 Joint Sealant Backing
- 312000.04 Engineered Fill
- 312000.08 Soil Stabilization Course
- 312000.13 Base Stabilization Geotextile

Certified by:



PUBLIC WORKS PROJECT NO. 03003001-24-025-C1
TAYLORSVILLE NB TRUCK PARKING
TAYLORSVILLE, INDIANA



Revisions:

Project Number:
03003001-24-025-D1

Requisition Number:

Account Number:

Designer: **SEP 2024**

Drafter: Drawing Scale:

DAPW Approval:

Client Approval:

Reference Number: **1385N**

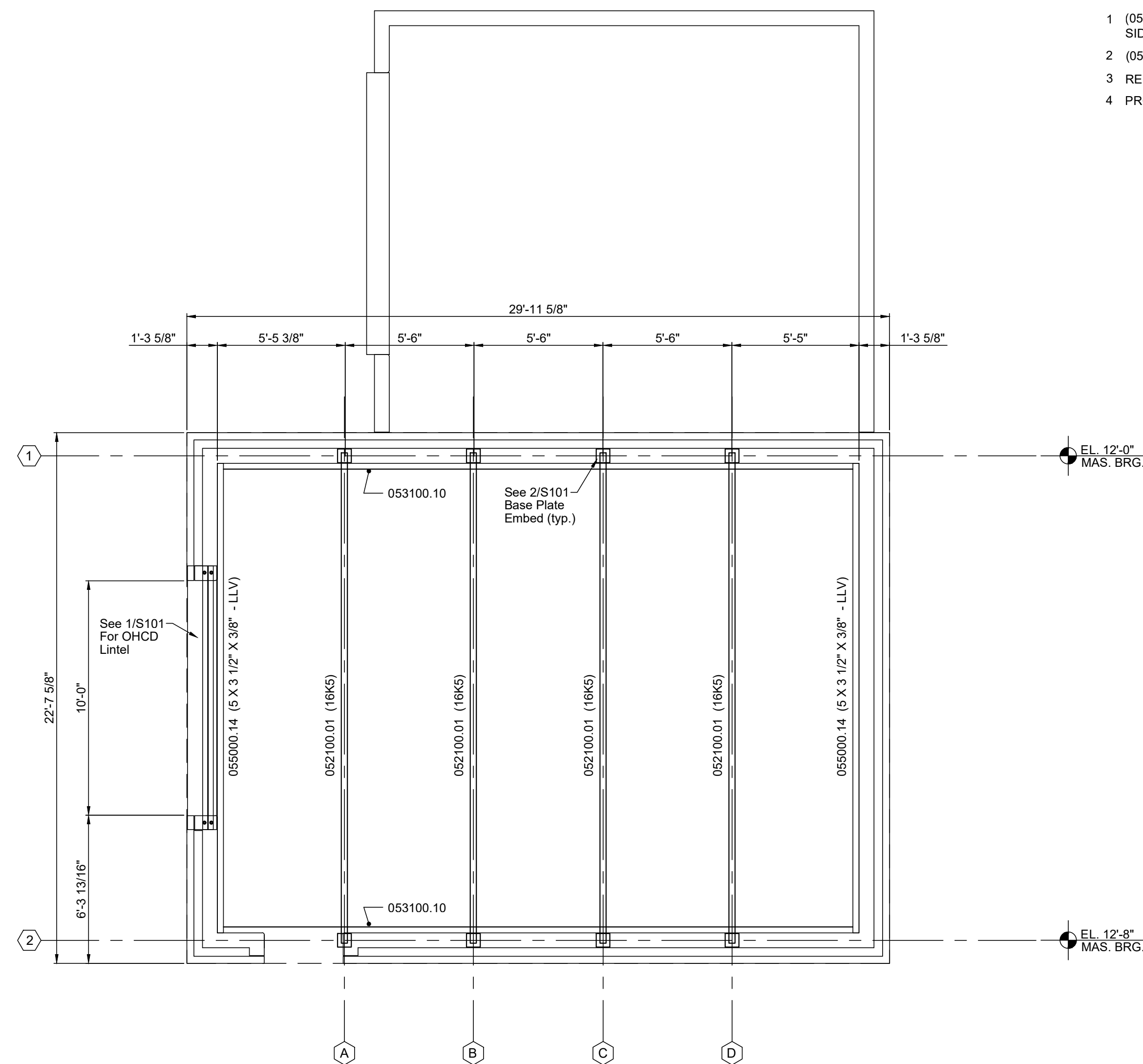
Building Reference: **ST**

Drawing Number: **S101**

Sheet: 3 of 16

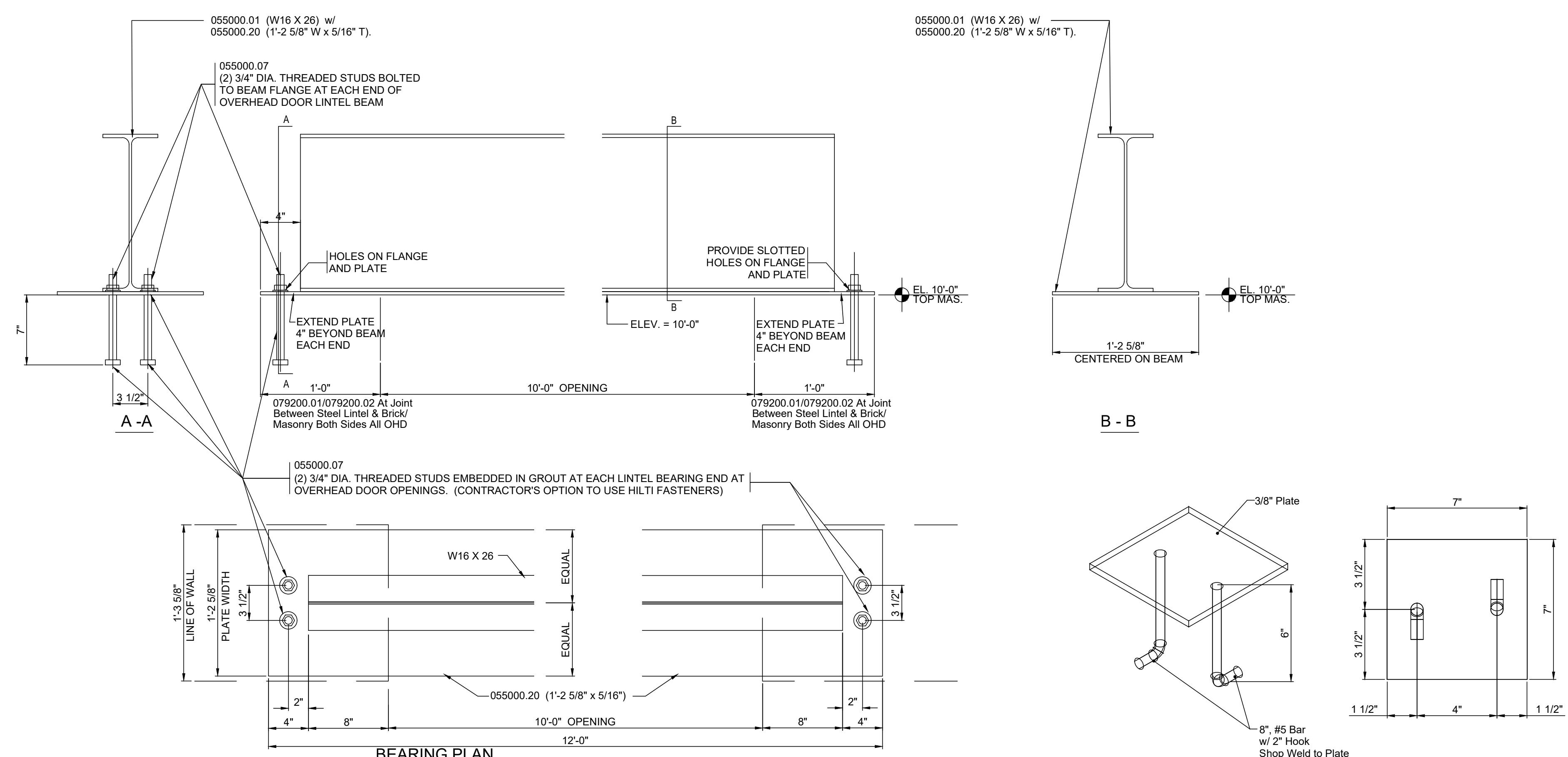
GENERAL NOTES

1. (053100.01) ROOF DECK = 1.5820 GALVANIZED. DECK FASTENER LAYOUT = 36/4 (3 SPAN CONDITION). SIDELAP FASTENERS = #10 TEK SCREWS. PROVIDE THREE SIDELAP FASTENERS PER DECK SPAN.
2. (055000.21) SINGLE JOIST BEARING PLATES, 7' x 7' x 3/8" w/2 ANCHOR STUDS. GROUT PLATES INTO WALL CONSTRUCTION.
3. REFER TO FRAMING PLAN FOR JOIST SLOPES / ELEVATIONS.
4. PROVIDE AND INSTALL JOIST BRIDGING IN ACCORDANCE WITH SJI, (FULL LENGTH BETWEEN JOIST, NO SPLICES).



ROOF FRAMING PLAN

1/4"=1'-0"



NOTE: ALL STEEL COMPONENTS INDICATED IN THIS DETAIL SHALL BE GALVANIZED.

1 S101 **W 16 x 26 BRNG. (055000.01)**
TYPICAL OVERHEAD COILING DOOR LINTEL

1 1/2"=1'-0"

2 S101 **BASE PLATE BP-1 (055000.22)**
Galvanized & Shop Primed

3"=1'-0"

MATERIAL NOTES

087100.01 Door Hardware
104416.02 Bracket & Fire Extinguisher

ENERGY DATA		
NON-CONDITIONED - SEMI HEATED BUILDING		
BUILDING COMPONENT	R-Value	Sq. Ft.
Roof Insulation 1-1/2"	7.60	756
Overhead Coiling Doors	5.00	100
FRP Doors	11.10	21
Wall Type # 1	17.00	784
4" Face Brick	.50	
8" Light Weight CMU	2.50	
2 1/2" Insulation	14.00	
Total Wall Area		905

BUILDING CODE	
BUILDING	MAINTENANCE BUILDING
USE AND OCCUPANCY CLASSIFICATION	S-1
CONSTRUCTION TYPE	III-B
BUILDING HEIGHT	ONE STORY - 15'-0"
BUILDING AREA	715 SQ. FT.
ALLOWABLE AREA INCREASE	100 %
AREA SEPARATIONS	N/A
FLOOR DEAD LOAD	N/A
FLOOR LIVE LOAD	N/A
ROOF DEAD LOAD	30 #/SF
ROOF LIVE LOAD	20 #/SF
GROUND SNOW LOAD P_g	30 #/SF
FLAT ROOF SNOW LOAD P_f	24 #/SF
SNOW EXPOSURE FACTOR C_e	1
SNOW LOAD IMPORTANCE FACTOR I	1
THERMAL FACTOR C_t	1
BASIC WIND SPEED MILES/HR	105
WIND IMPORTANCE FACTOR I	1
WIND EXPOSURE	A, TRANSVERSE
APPLICABLE INTERNAL PRESSURE COEFFICIENT	N/A
COMPONENTS AND CLADDING	5.9/-36.8
SEISMIC IMPORTANCE FACTOR	1
OCCUPANCY CATEGORY	I
MAPPED SPECTRAL ACCELERATION FOR SHORT S_w	.170g
MAPPED SPECTRAL RESPONSE FOR 1 SECOND S_1	.090g
SITE CLASS	D
SEISMIC ZONE	1
BASIC SEISMIC FORCE RESISTING SYSTEM	BEARING WALL SYSTEM INTERMEDIATE REINFORCED MASONRY SHEAR WALLS
ANALYSIS PROCEDURE USED	SIMPLIFIED ANALYSIS PROCEDURE



MAINTENANCE BUILDING LIFE SAFETY PLAN

1/4"=1'-0"

Certified by:



Fosse & Associates Architects, Inc.
20 NW Fourth St, Suite 100 - Evansville, IN 47708
Phone: (812) 424-3225 - Fax: (812) 424-3227
E-mail: fosse@fosse-arch.com

B. C. Engineering, Inc.
Mechanical & Electrical Engineering
501 Carpenter Street
Evansville, IN 47708
Phone: (812) 424-7941
Fax: (812) 424-7942
www.bceing.com

PUBLIC WORKS PROJECT NO. 03003001-24-025-C1
TAYLORSVILLE NB TRUCK PARKING
TAYLORSVILLE, INDIANA



Revisions:

Project Number: 03003001-24-025-D1

Requisition Number:

Account Number:

Designer: Drawing Date: SEP 2024

Drafter: Drawing Scale:

DAPW Approval:

Client Approval:

Reference Number: 1385N

Building Reference: ST

Drawing Number: A001

Sheet: 4 of 16

GENERAL NOTES (UNLESS OTHERWISE NOTED)

1. ALL MASONRY BLOCK WALLS INDICATED BY HATCHING.
2. ALL DIMENSIONS GIVEN FROM FACE OF MASONRY.
3. DOOR NUMBERS ARE LOCATED WITHIN RESPECTIVE ROOM DOOR OPENING. REFER TO SCHEDULE ON SHEET A600.

FINISH NOTES: (UNLESS OTHERWISE NOTED)

1. ALL INTERIOR SURFACES NOT PREFINISHED, SHALL BE PAINTED.
2. EXTERIOR ITEMS TO BE PAINTED INCLUDE EXPOSED STEEL.

ROOM FINISH SCHEDULE

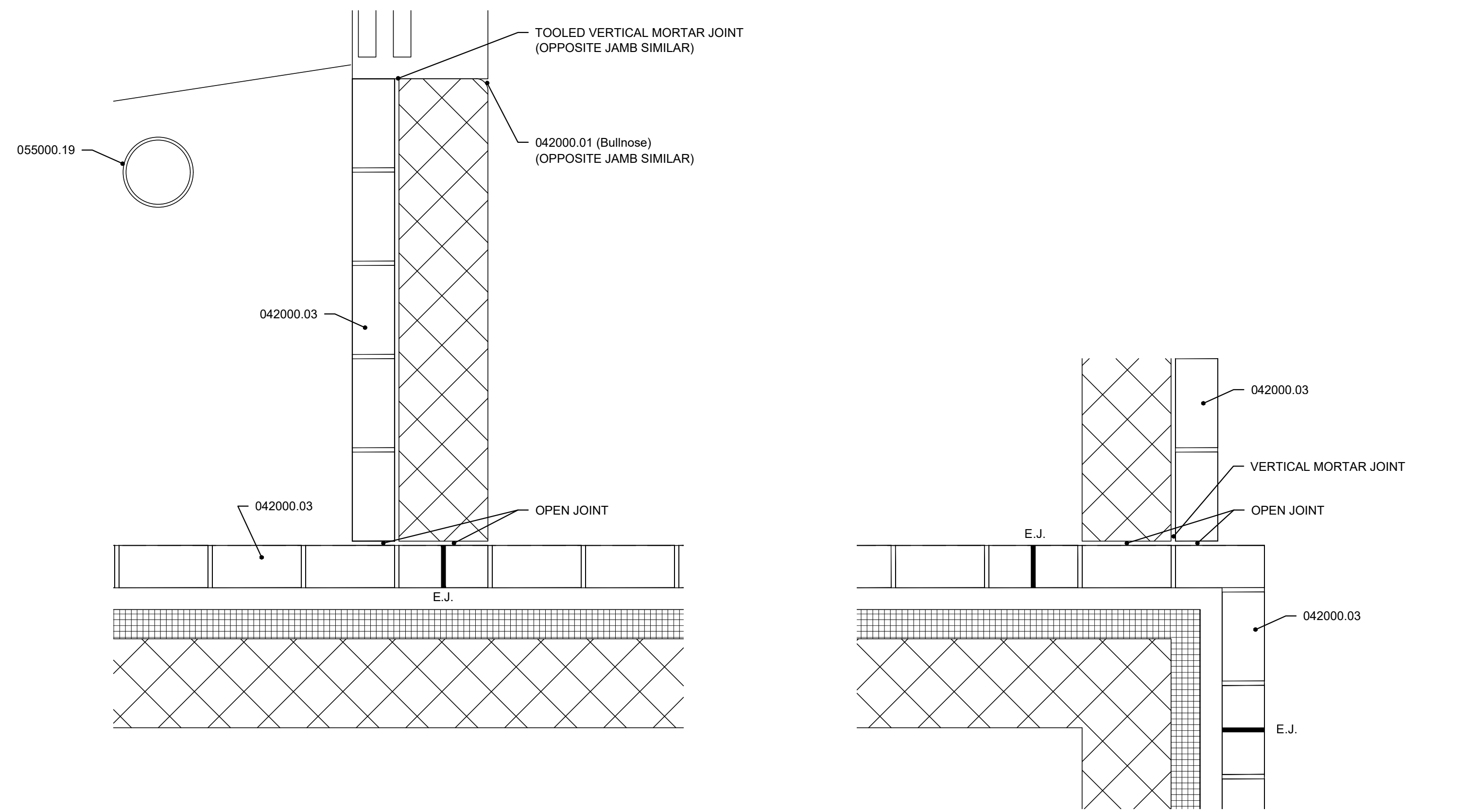
FLOOR	ROOM NUMBER	FINISH
1	033000.12	Floor and Slab Treatment
BASE		
A	099123.01	Paint (8" HIGH)
WALL		
T	099123.01	Paint on Masonry

MATERIAL NOTES

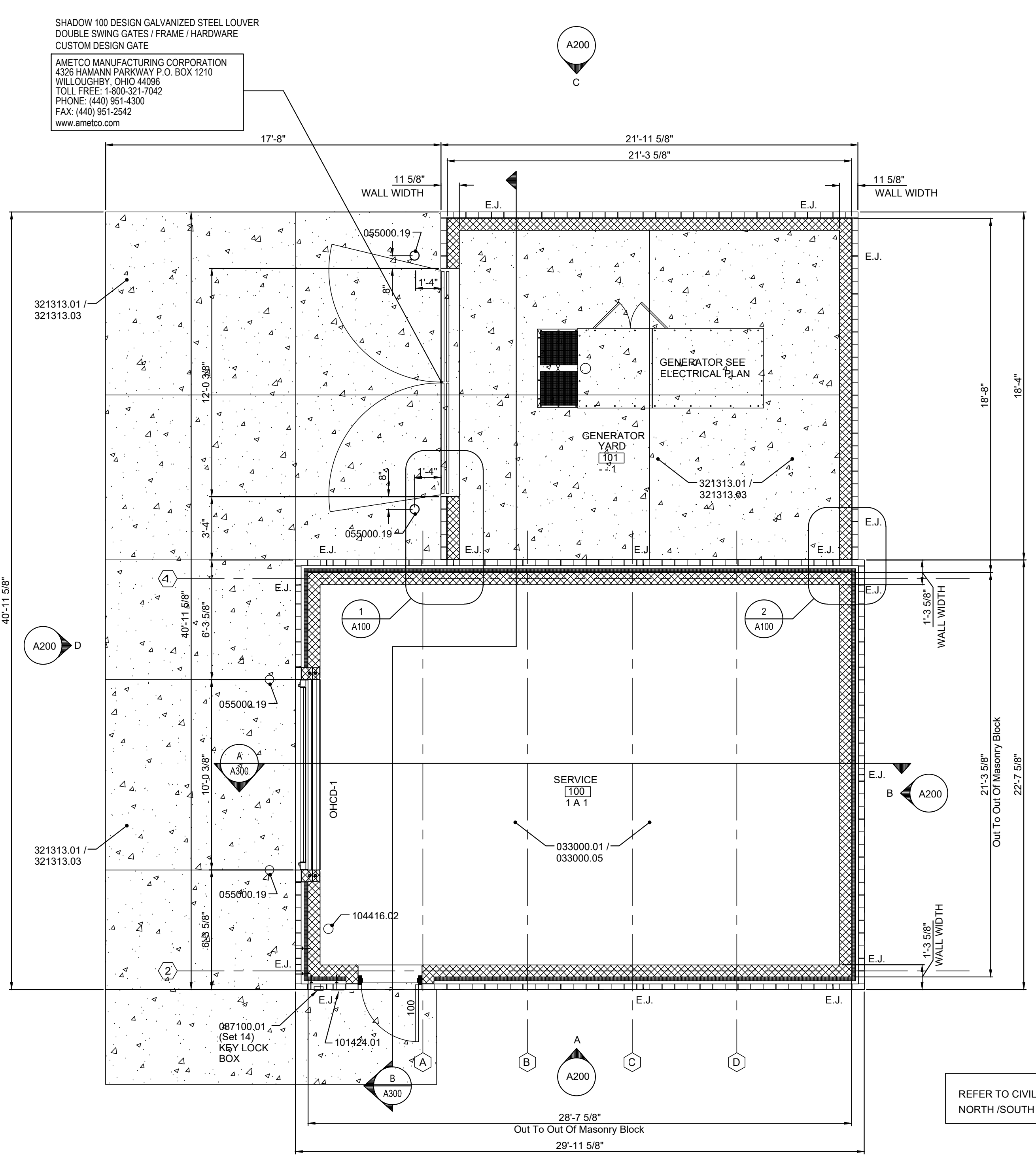
033000.01	Cast-In-Place Concrete
033000.05	Welded Wire Fabric
033000.12	Floor and Slab Treatment
042000.01	Concrete Masonry Unit
042000.03	Brick
051200.04	Steel Angle
052100.01	Steel Joist
053100.01	Steel Roof Deck
053100.10	Sheet Steel Closure
055000.14	Loose Steel Angle
055000.19	Pipe Bollard
075419.01	Polyvinyl-Chloride (PVC) Roofing
075419.04	Roof Insulation
076200.09	Gutter
076200.10	Downspout
077100.01	Capping
077100.02	Roof Edge Fascia
087100.01	Door Hardware
089123.01	Paint
101424.01	Panel Signage
104416.02	Bracket & Fire Extinguisher
321313.01	Cement Concrete Pavement
321313.03	Steel Reinforcement

ROOM FINISH SCHEDULE IS LOCATED WITHIN RESPECTIVE ROOM ON FLOOR PLAN AND INDICATES THE FOLLOWING:

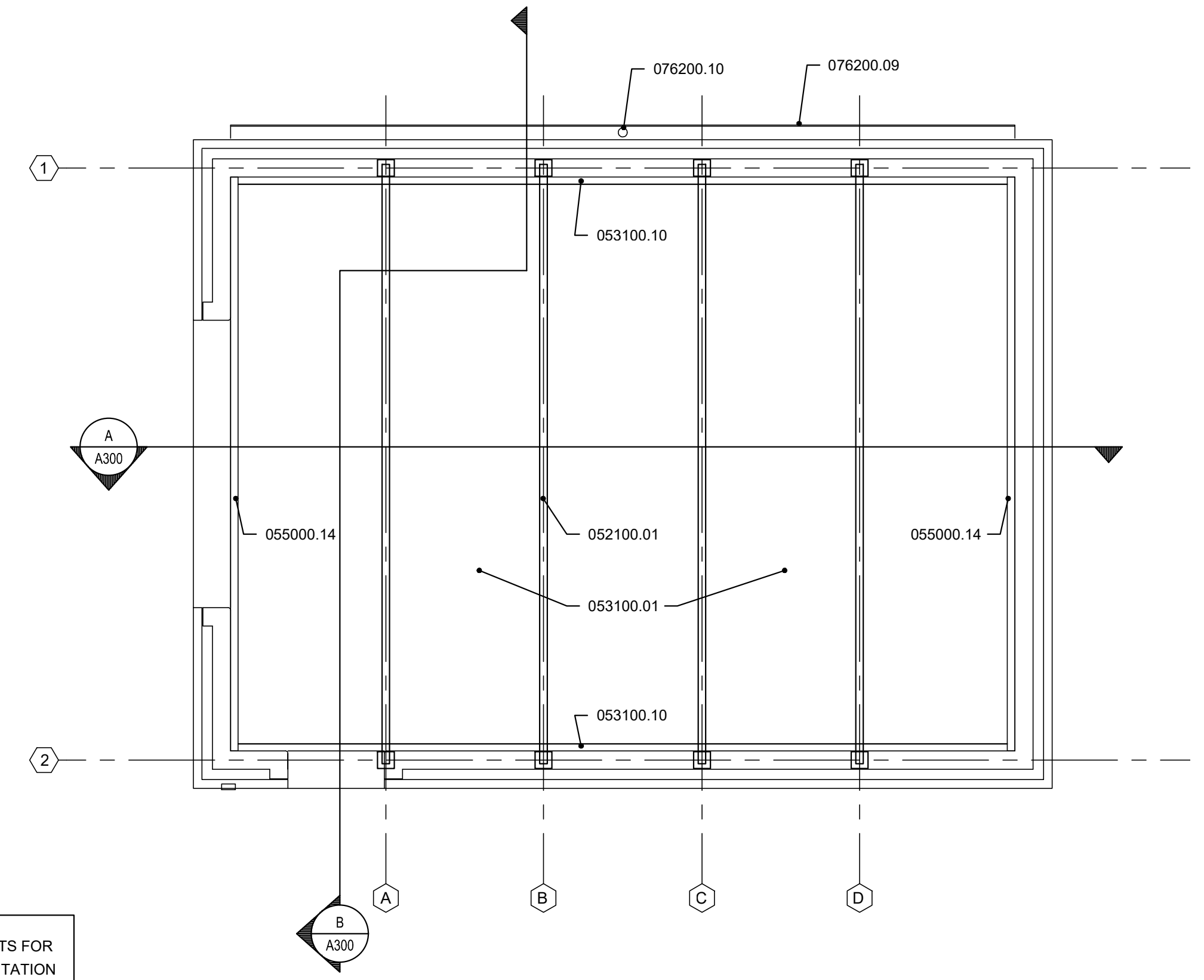
TOILET ROOM NAME
 FLOOR 1 A 2/3
 BASE ——— | ——— WALL
 ROOM FINISH KEY CONTAINING SLASH MARK "A/B" INDICATES SURFACE TO RECEIVE MULTIPLE FINISHES.



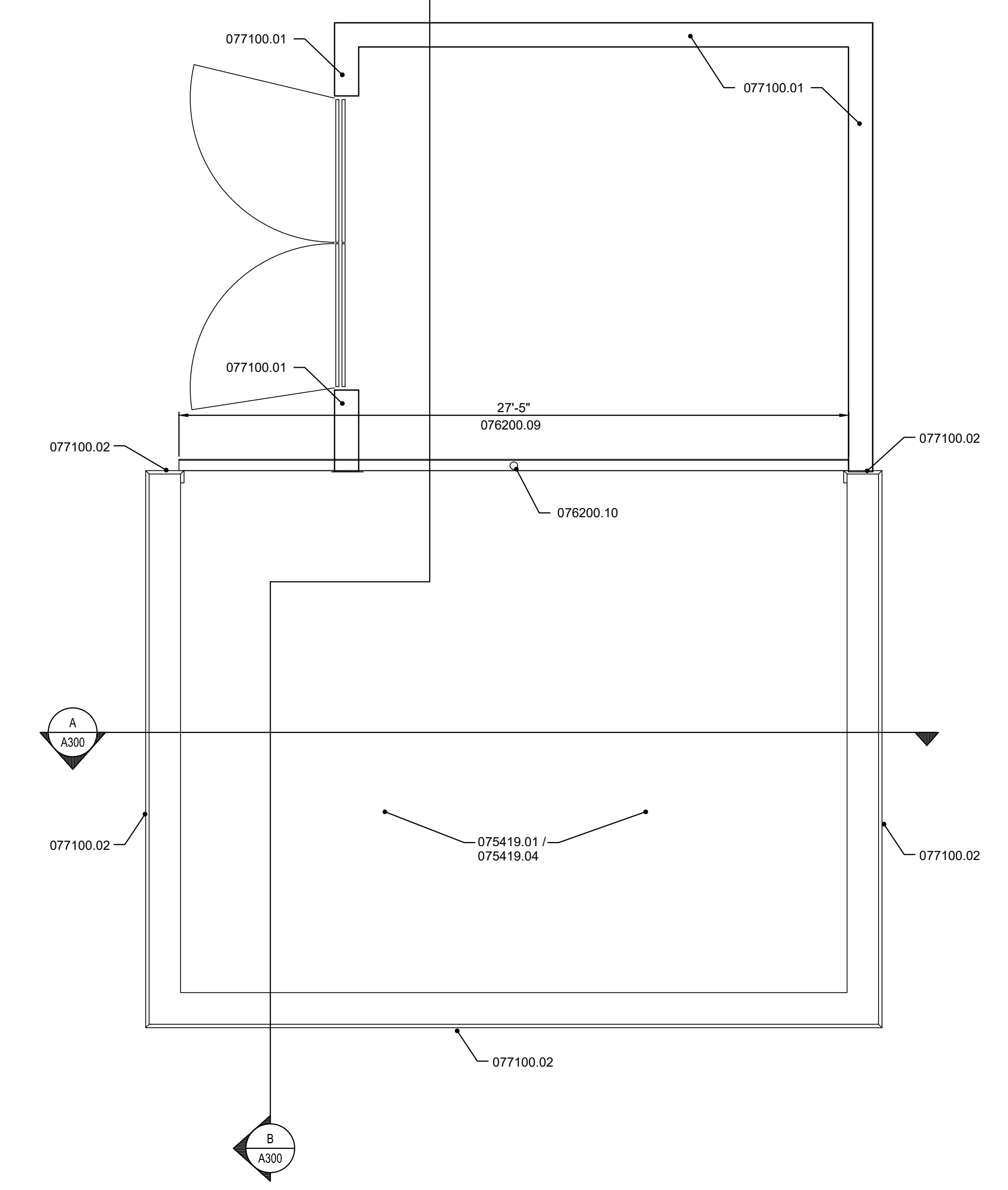
1 WALL INTERSECTION DETAIL 1 1/2"=1'-0" 2 WALL INTERSECTION DETAIL 1 1/2"=1'-0"



FLOOR PLAN 1/4"=1'-0"



REFLECTED CEILING PLAN 1/4"=1'-0"



ROOF PLAN 1/4"=1'-0"

JOE
 JANSSEN & SPAANS ENGINEERING
 9120 Harrison Park Court
 Indianapolis, Indiana 46216
 Business (317) 254-0686 Fax (317) 259-6262

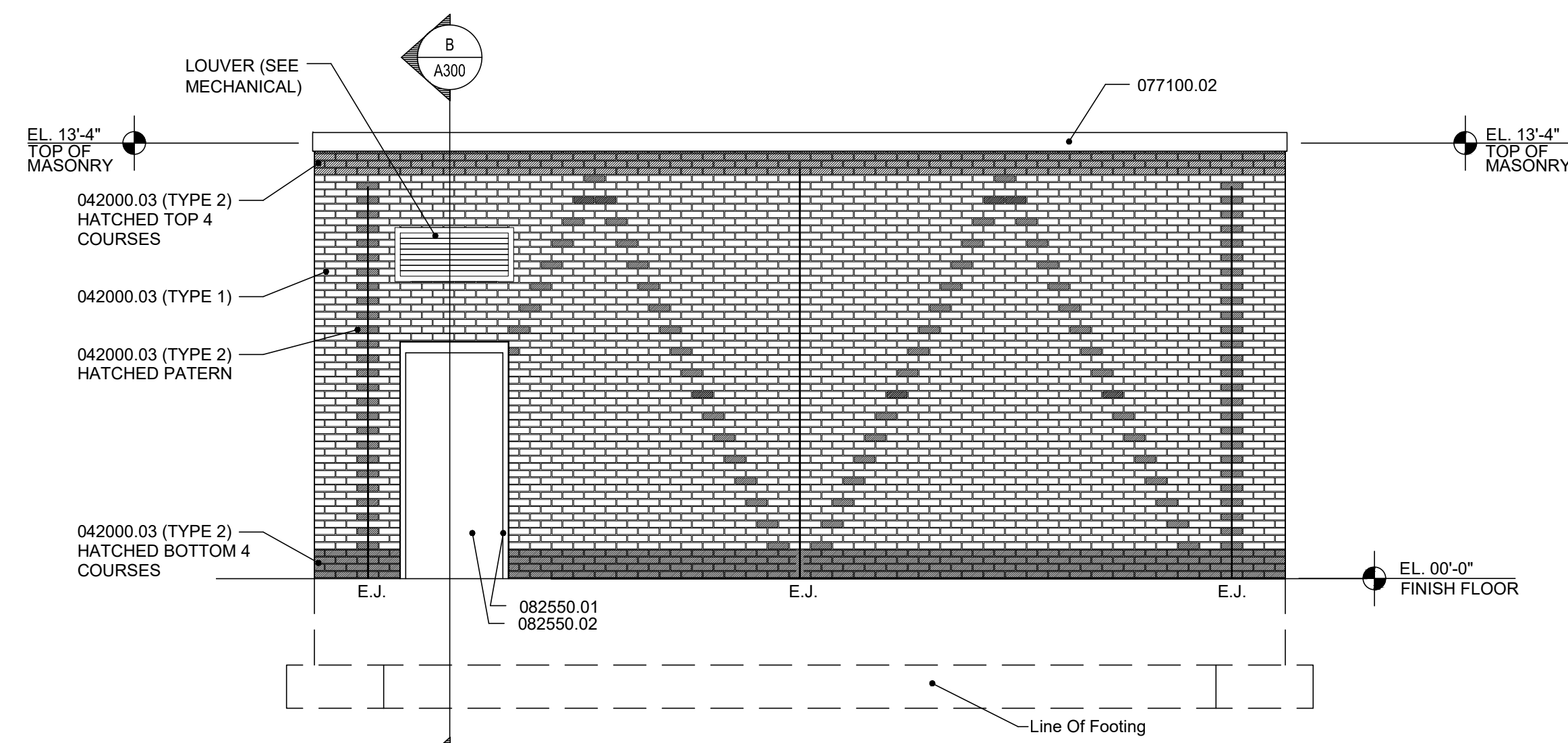
Fosse & Associates
 Architects, Inc.
 201 NW Fourth St. Suite 100 - Evansville, IN 47708
 Phone (812) 424-3225 Fax (812) 424-3225
 E-mail: jfosse@fosse-arch.com

B.C. Engineering, Inc.
 Mechanical & Electrical Engineering
 501 Carpenter Street
 Evansville, IN 47708
 Phone: (812) 424-7941
 Fax: (812) 424-7942
 www.bcing.com

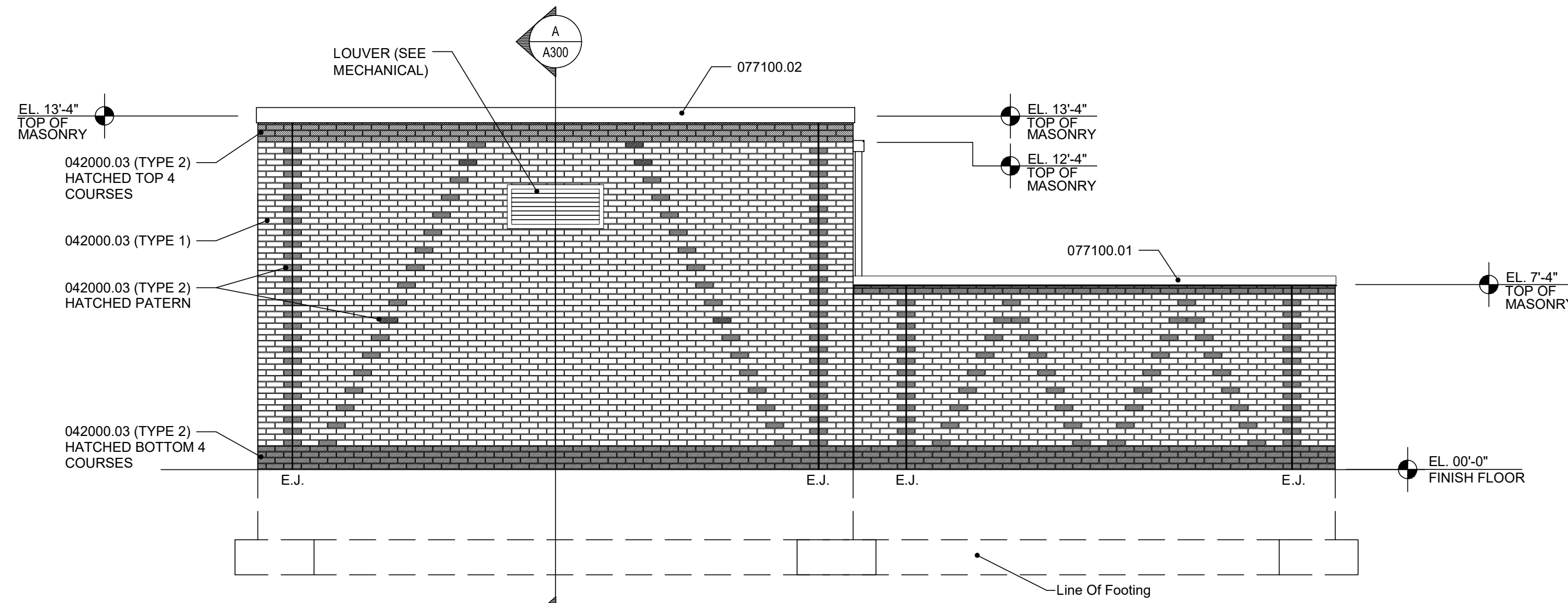
PUBLIC WORKS PROJECT NO. 03003001-24-025-C1
 TAYLORSVILLE NB TRUCK PARKING
 TAYLORSVILLE, INDIANA

INDIANA
 DEPARTMENT OF TRANSPORTATION

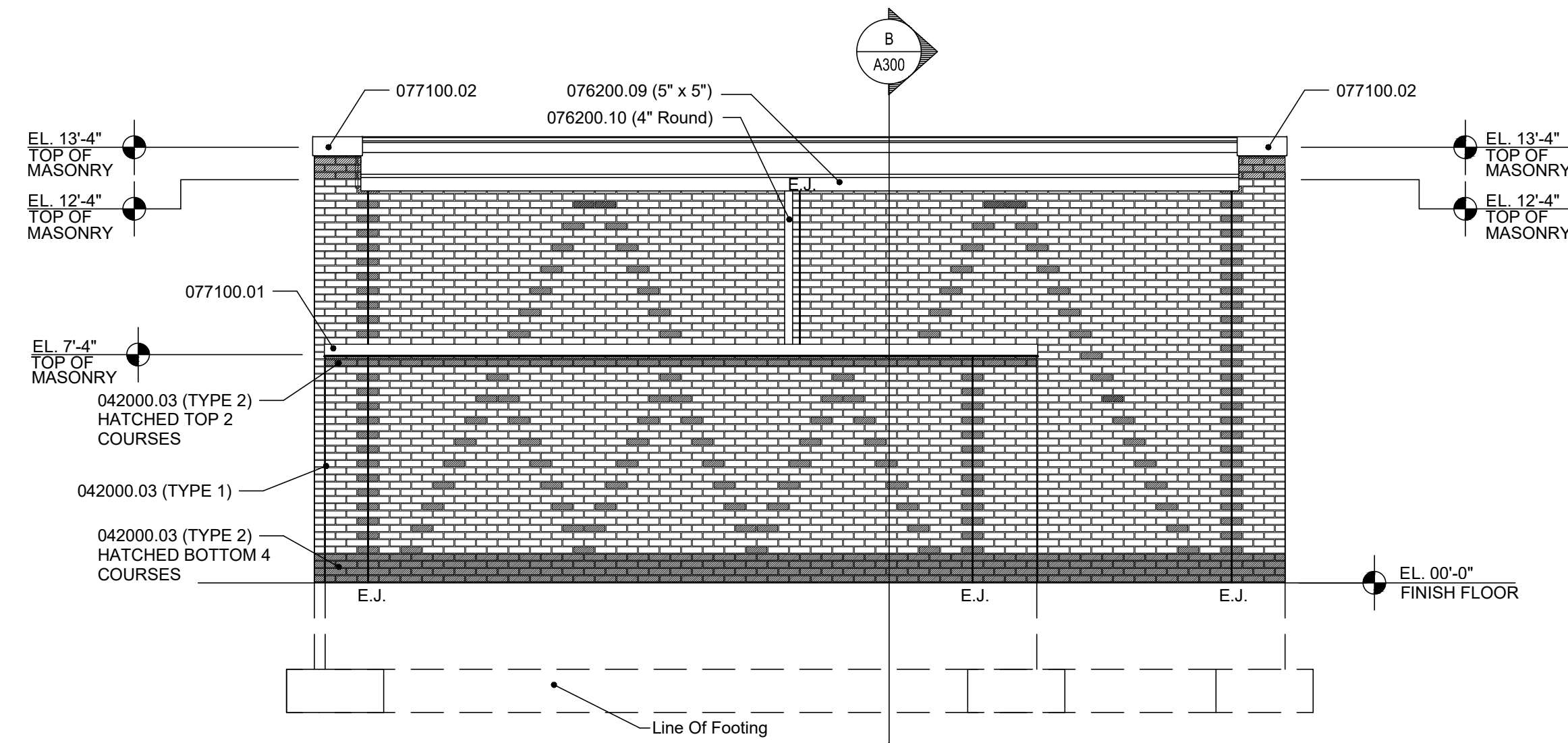
Revisions:	
Project Number:	03003001-24-025-D1
Requisition Number:	
Account Number:	
Designer:	SEP 2024
Drafter:	Drawing Scale:
DAPW Approval:	
Client Approval:	
Reference Number:	1385N
Building Reference:	ST
Drawing Number:	A100
Sheet:	5 of 16



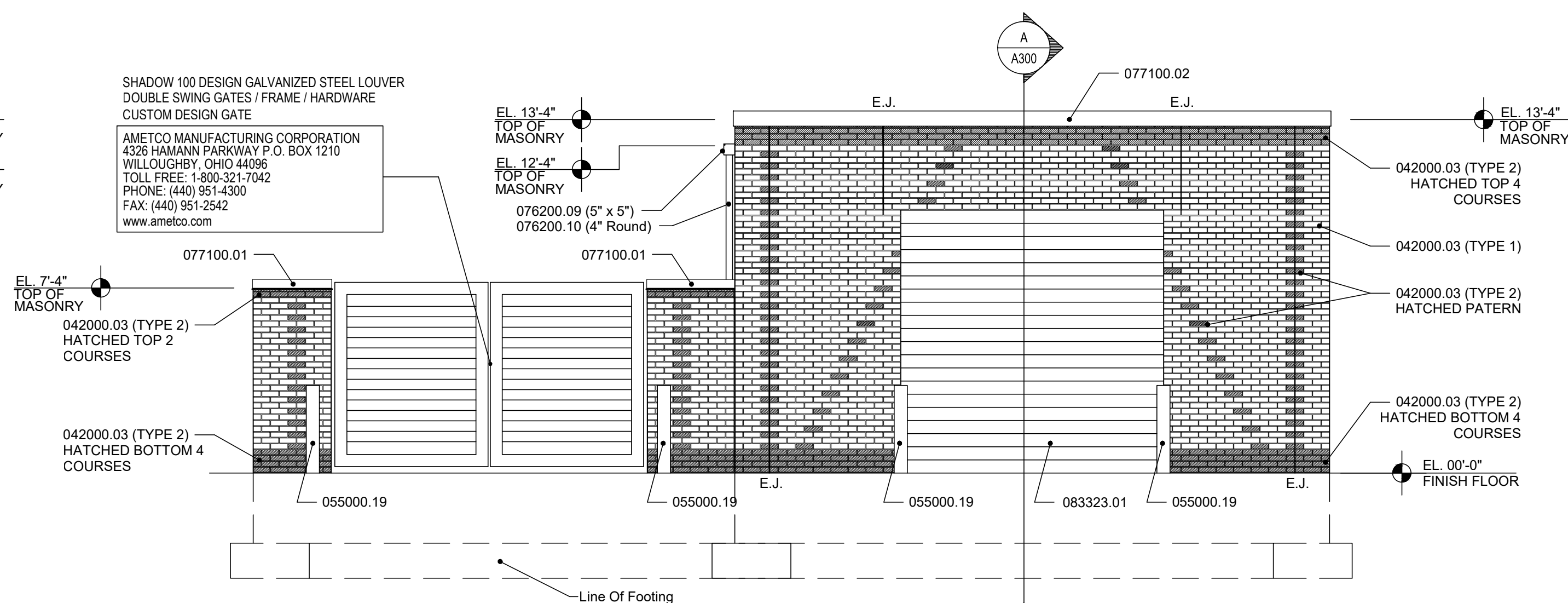
A BUILDING ELEVATION 1/4"=1'-0"



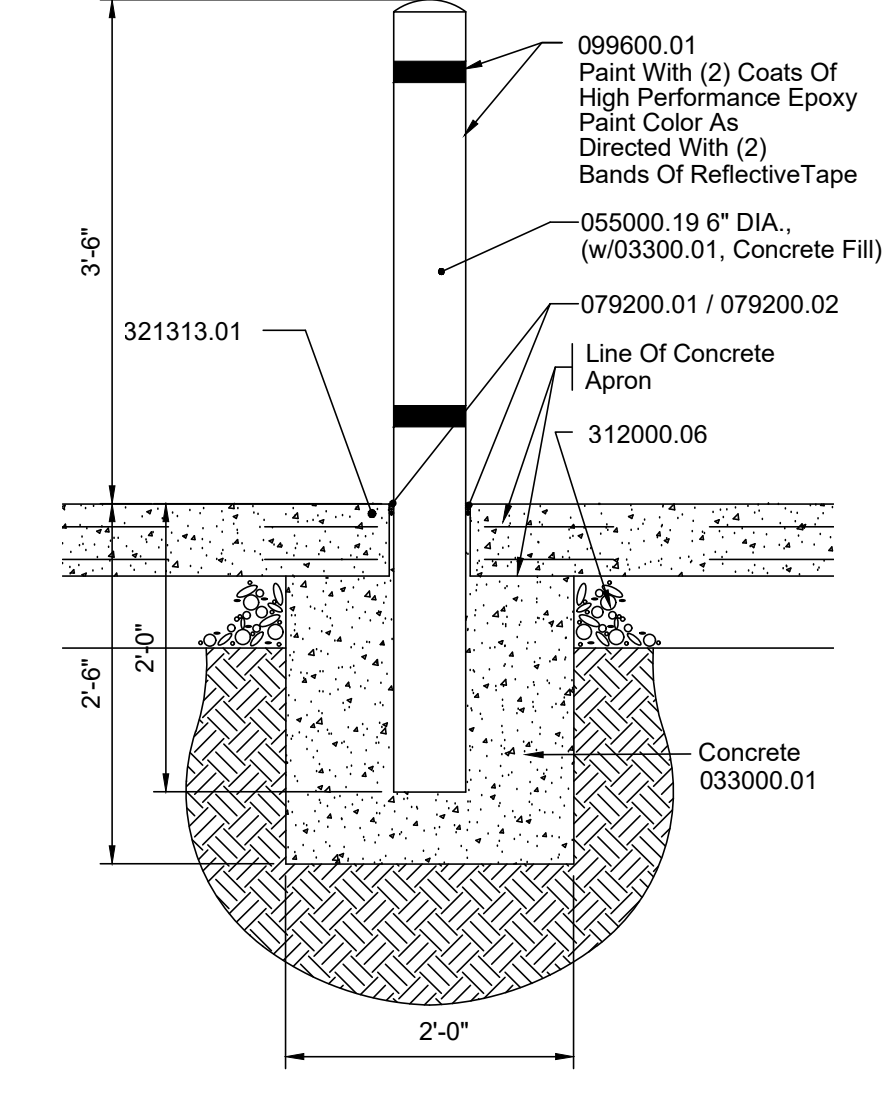
B BUILDING END ELEVATION 1/4"=1'-0"



C BUILDING ELEVATION 1/4"=1'-0"



D BUILDING END ELEVATION 1/4"=1'-0"

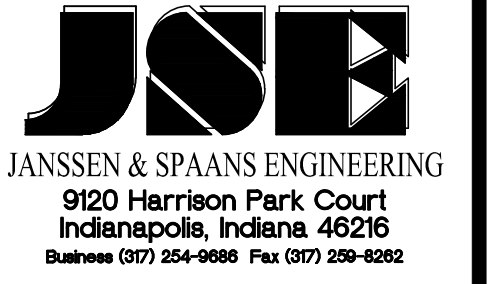


1 BOLLARD DETAIL 3/4"=1'-0"

MATERIAL NOTES

- 033000.01 Cast-In-Place Concrete
- 042000.03 Brick (Type)
- 055000.19 Pipe Bollard
- 076200.09 Gutter
- 076200.10 Downspout
- 077100.01 Coping
- 077100.02 Roof Edge Fascia
- 082550.01 Fiberglass reinforced plastic (FRP) Frame
- 082550.02 Fiberglass reinforced plastic (FRP) Door
- 079200.01 Joint Sealant
- 079200.02 Joint Sealant Backing
- 083323.01 Overhead Coiling Door
- 099600.01 High-Performance Coating
- 321313.01 Cement Concrete Pavement
- 321313.03 Steel Reinforcement
- 312000.06 Drainage Course

Certified by:



Fosse & Associates Architects, Inc.
201 NW Fourth St. Suite 100 - Evansville, IN 47708
Phone: (812) 424-7942 Fax: (812) 424-7942
E-mail: fosse@fosse-arch.com

B. C. Engineering, Inc.
Mechanical & Electrical Engineering
501 Carpenter Street
Evansville, IN 47708
Phone: (812) 424-7941
Fax: (812) 424-7942
www.bceing.com

PUBLIC WORKS PROJECT NO. 03003001-24-025-C1
TAYLORSVILLE NB TRUCK PARKING
TAYLORSVILLE, INDIANA



Revisions:

Project Number: 03003001-24-025-D1

Requisition Number:

Account Number:

Designer: SEP 2024

Drafter: Drawing Scale:

DAPW Approval:

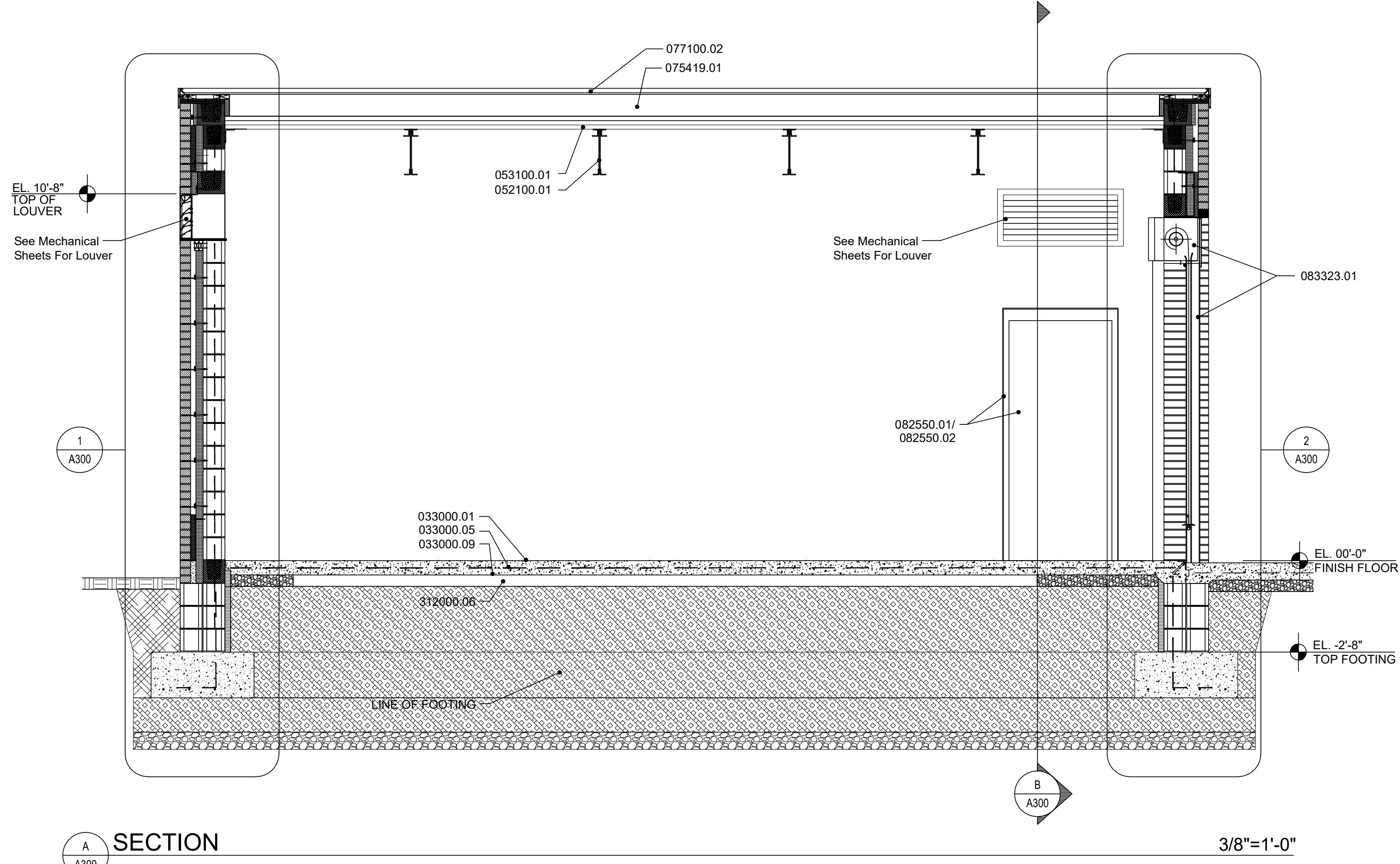
Client Approval:

Reference Number: 1385N

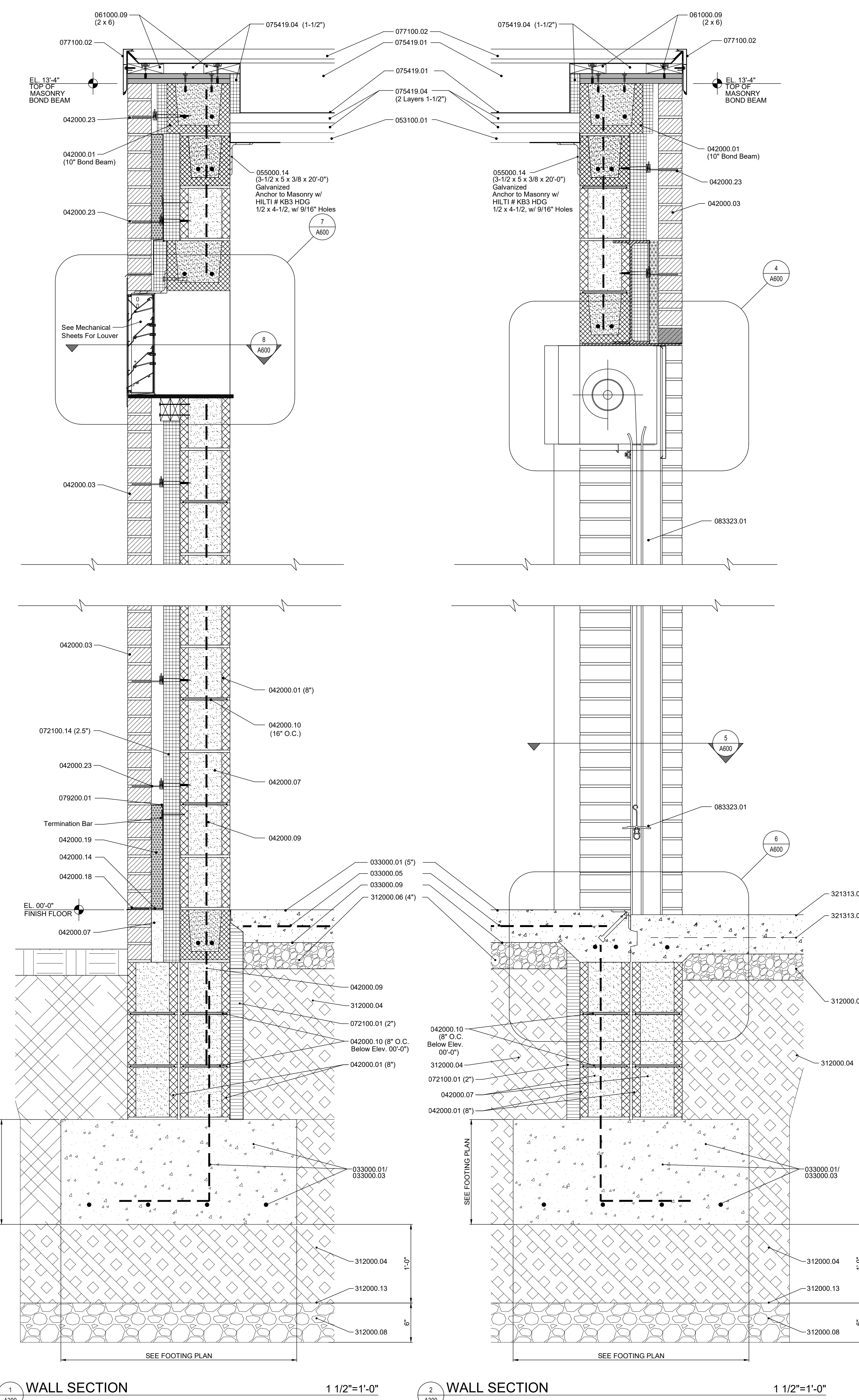
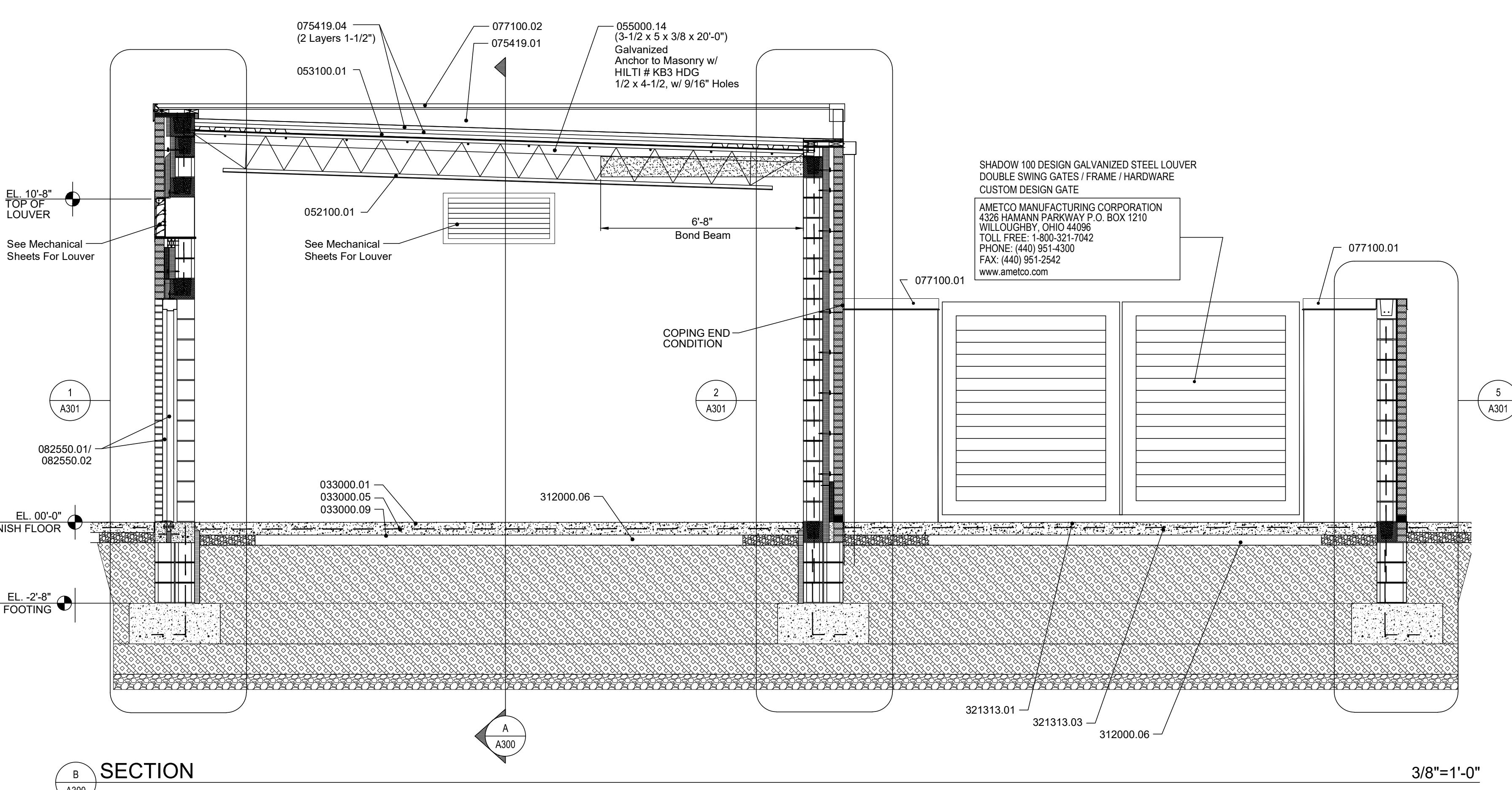
Building Reference: ST

Drawing Number: A200

Sheet: 6 of 16



- MATERIAL NOTES**
- 033000.01 Cast-In-Place Concrete
 - 033000.03 Reinforcing Bars
 - 033000.05 Welded Wire Fabric
 - 033000.09 Vapor Retarder
 - 042000.01 Concrete Masonry Unit
 - 042000.03 Brick
 - 042000.07 Grout
 - 042000.09 Reinforcing Steel
 - 042000.10 Masonry Joint Reinforcement
 - 042000.14 Flexible Flashing with Drip Edge
 - 042000.18 Mesh/Weep Vent
 - 042000.19 Cavity Drainage Material
 - 042000.23 Screw-Attached Masonry Veneer Anchor
 - 052100.01 Steel Joist
 - 053100.01 Steel Roof Deck
 - 055000.14 Loose Steel Angle
 - 061000.09 Dimension Lumber (Size)
 - 072100.01 Extruded Polystyrene Board Insulation
 - 072100.14 Cavity Wall Insulation and Accessories
 - 075419.01 Polyvinyl-Chloride (PVC) Roofing
 - 075419.04 Roof Insulation
 - 077100.01 Coping
 - 077100.02 Roof Edge Fascia
 - 079200.01 Joint Sealant
 - 082550.01 Fiberglass reinforced plastic (FRP) Frame
 - 082550.02 Fiberglass reinforced plastic (FRP) Door
 - 083323.01 Overhead Coiling Door
 - 312000.04 Engineered Fill
 - 312000.06 Drainage Course
 - 312000.08 Soil Stabilization Course
 - 312000.13 Base Stabilization Geotextile



Certified by:

JOE
 JANSSEN & SPAANS ENGINEERING
 9120 Harrison Park Court
 Indianapolis, Indiana 46216
 Business (317) 254-9888 Fax (317) 259-8382

Fosse & Associates
 Architects, Inc.
 201 NW Fourth St. Suite 100 - Evansville, IN 47708
 Phone (812) 424-3235 Fax (812) 424-3257
 E-mail: jfosse@fosse-arch.com

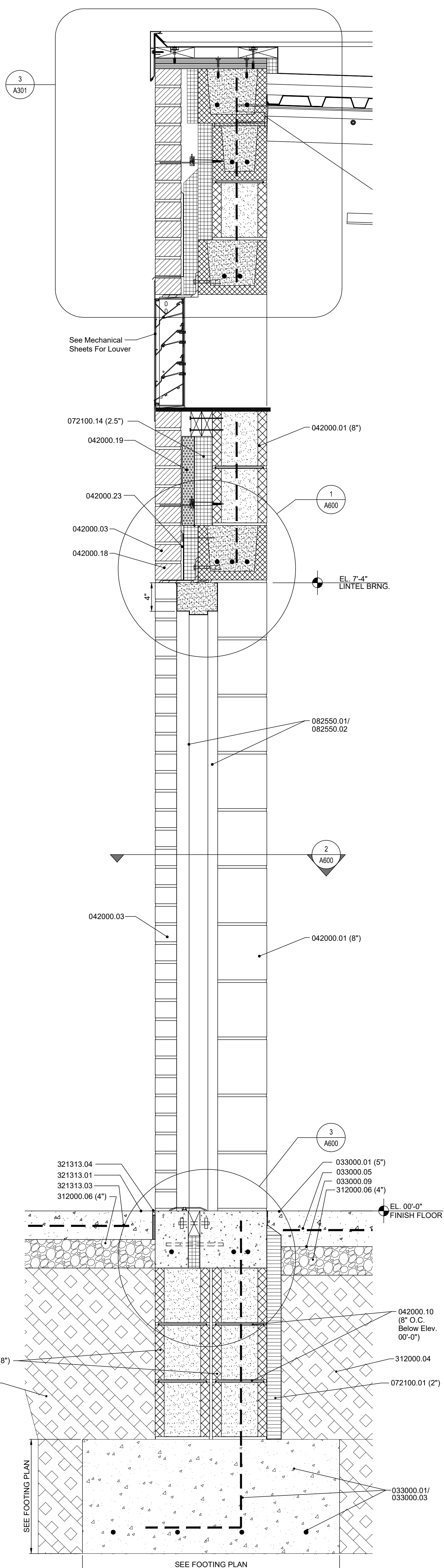
B. C. Engineering, Inc.
 Mechanical & Electrical Engineering
 501 Carpenter Street
 Evansville, IN 47708
 Phone: (812) 424-7941
 Fax: (812) 424-7942
 www.bcing.com

PUBLIC WORKS PROJECT NO. 03003001-24-025-C1
 TAYLORSVILLE NB TRUCK PARKING
 TAYLORSVILLE, INDIANA

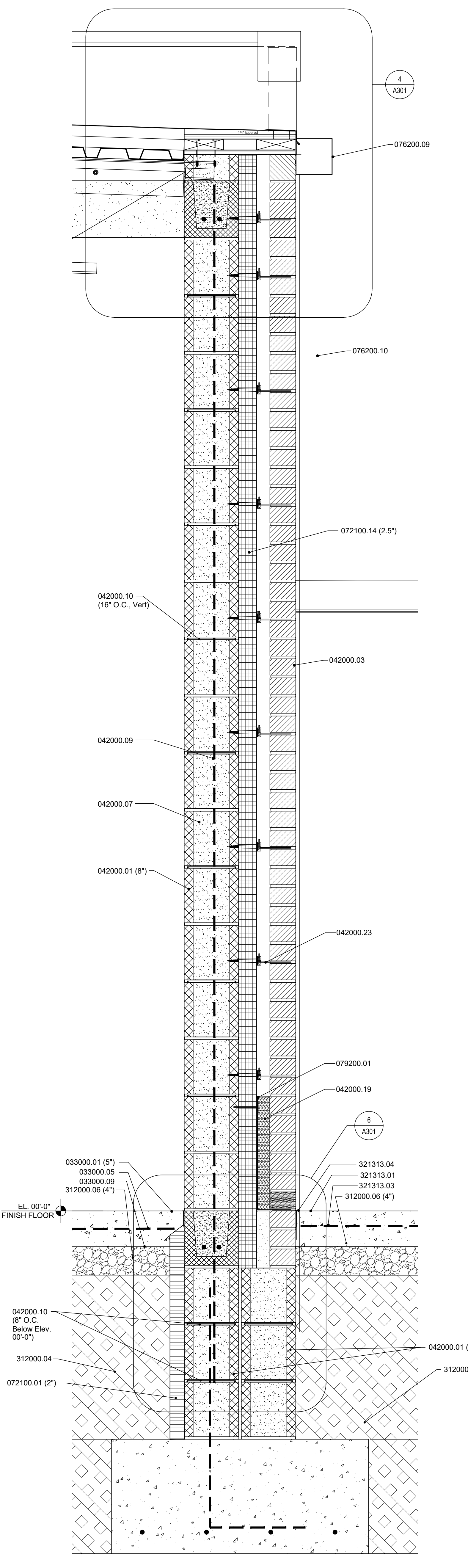


Revisions:

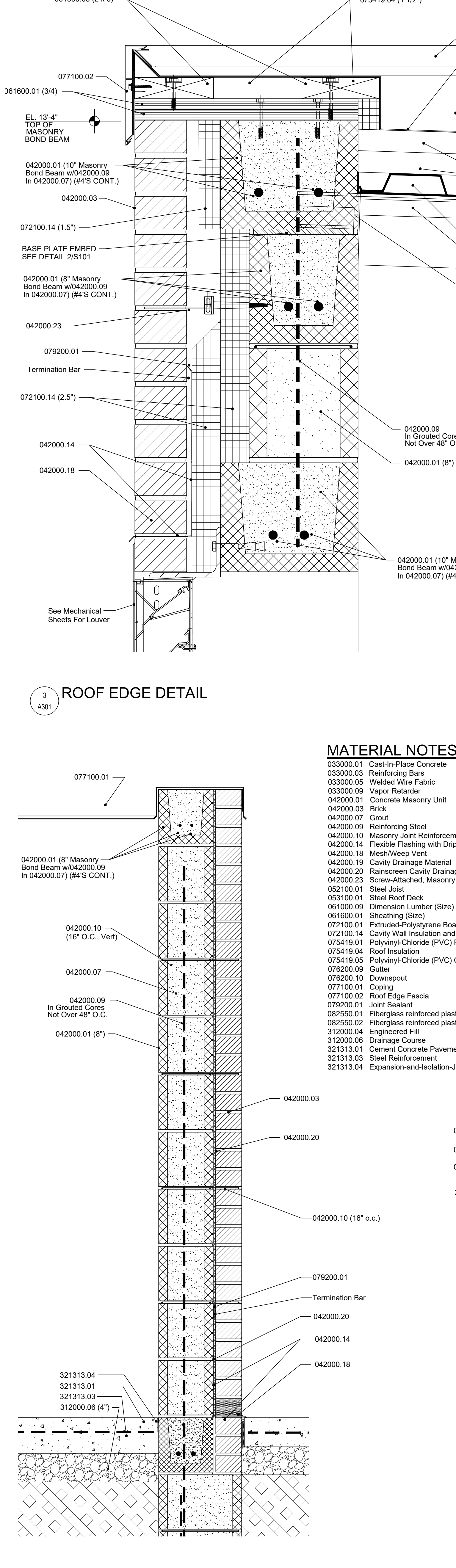
Project Number:	03003001-24-025-D1
Requestion Number:	
Account Number:	
Designer:	Drawing Date: SEP 2024
Drafter:	Drawing Scale:
Client Approval:	
Reference Number:	1385N
Building Reference:	ST
Drawing Number:	A300
Sheet:	7 of 16



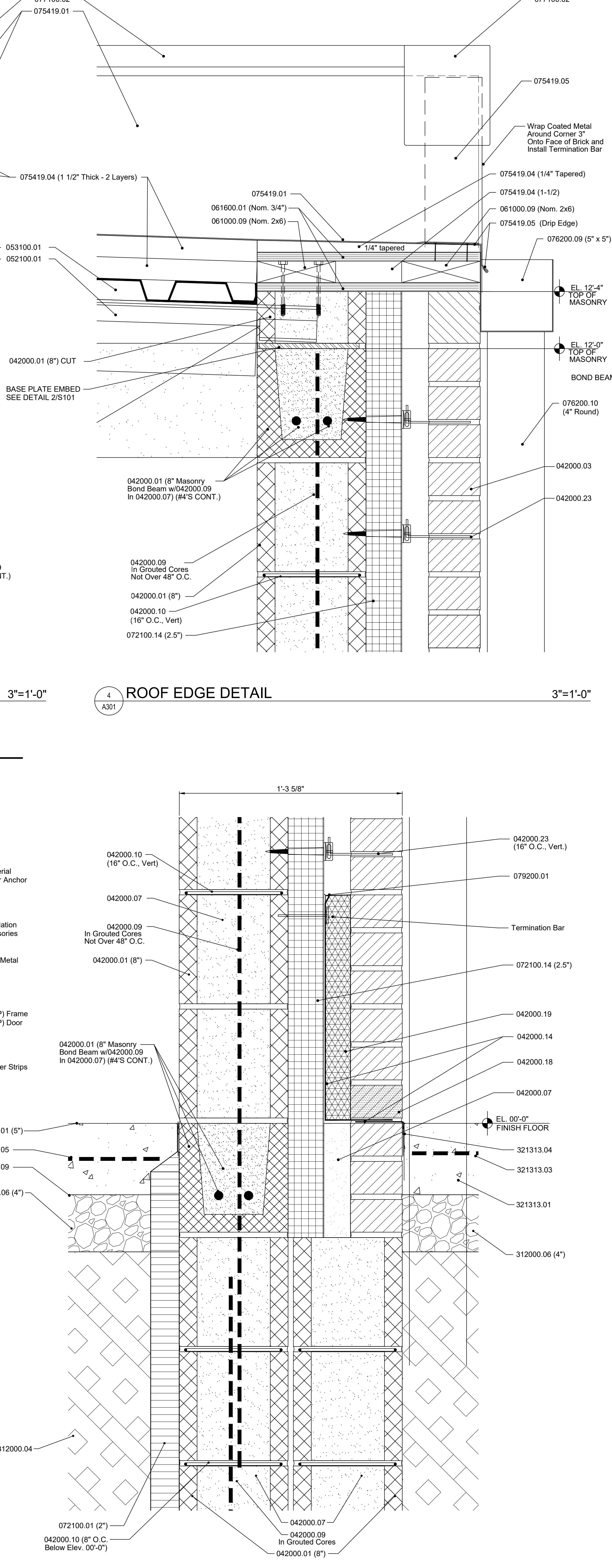
1 WALL SECTION THRU DOOR 1 1/2"=1'-0"



2 WALL SECTION THRU DOOR 1 1/2"=1'-0"



3 WALL AT GRADE DETAIL 3"=1'-0"



4 WALL AT GRADE DETAIL 3"=1'-0"

MATERIAL NOTES

- 033000.01 Cast-In-Place Concrete
- 033000.03 Reinforcing Bars
- 033000.05 Welded Wire Fabric
- 033000.09 Vapor Retarder
- 042000.01 Concrete Masonry Unit
- 042000.03 Brick
- 042000.07 Grout
- 042000.09 Reinforcing Steel
- 042000.10 Masonry Joint Reinforcement
- 042000.14 Flexible Flashing with Drip Edge
- 042000.18 Mesh/Weep Vent
- 042000.19 Cavity Drainage Material
- 042000.20 Rainscreen Cavity Drainage Material
- 042000.23 Screw-Attached, Masonry Veneer Anchor
- 052100.01 Steel Joist
- 053100.01 Steel Roof Deck
- 061000.09 Dimension Lumber (Size)
- 061600.01 Sheathing (Size)
- 072100.01 Extruded Polystyrene Board Insulation
- 072100.14 Cavity Wall Insulation and Accessories
- 075419.01 Polyvinyl-Chloride (PVC) Roofing
- 075419.04 Roof Insulation
- 075419.05 Polyvinyl-Chloride (PVC) Coated Metal
- 076200.09 Gutter
- 076200.10 Downspout
- 077100.01 Coping
- 077100.02 Roof Edge Fascia
- 079200.01 Joint Sealant
- 082550.01 Fiberglass reinforced plastic (FRP) Frame
- 082550.02 Fiberglass reinforced plastic (FRP) Door
- 312000.04 Engineered Fill
- 312000.06 Drainage Course
- 321313.01 Cement Concrete Pavement
- 321313.03 Steel Reinforcement
- 321313.04 Expansion-and-Isolation-Joint-Filler Strips

Certified by:
JSE
 JANSSEN & SPAANS ENGINEERING
 9120 Harrison Park Court
 Indianapolis, Indiana 46216
 Phone: (317) 552-6666 Fax: (317) 552-6662
 Email: jse@jse-engineering.com

Fosse & Associates
 Architects, Inc.
 301 NW Fourth St. Suite 100 - Evansville, IN 47708
 Phone: (812) 424-2500 Fax: (812) 424-2007
 Email: fose@fosse.com

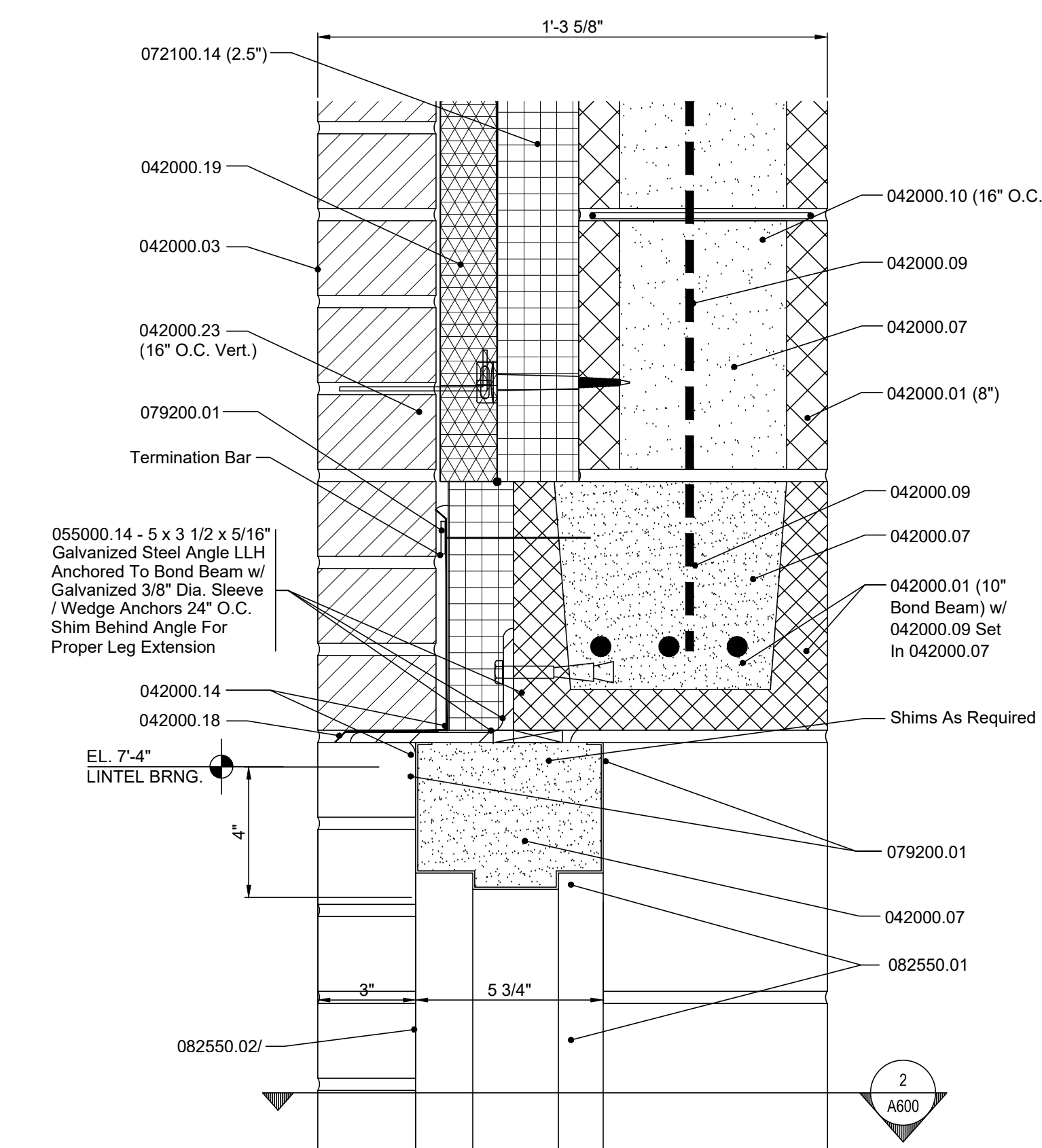
F. C. Engineering, Inc.
 Mechanical & Electrical Engineering
 501 Carpenter Street
 Evansville, IN 47708
 Phone: (812) 424-7941
 Fax: (812) 424-7942
 www.fceng.com

PUBLIC WORKS PROJECT NO. 03003001-24-025-C1
 TAYLORSVILLE NB TRUCK PARKING
 TAYLORSVILLE, INDIANA

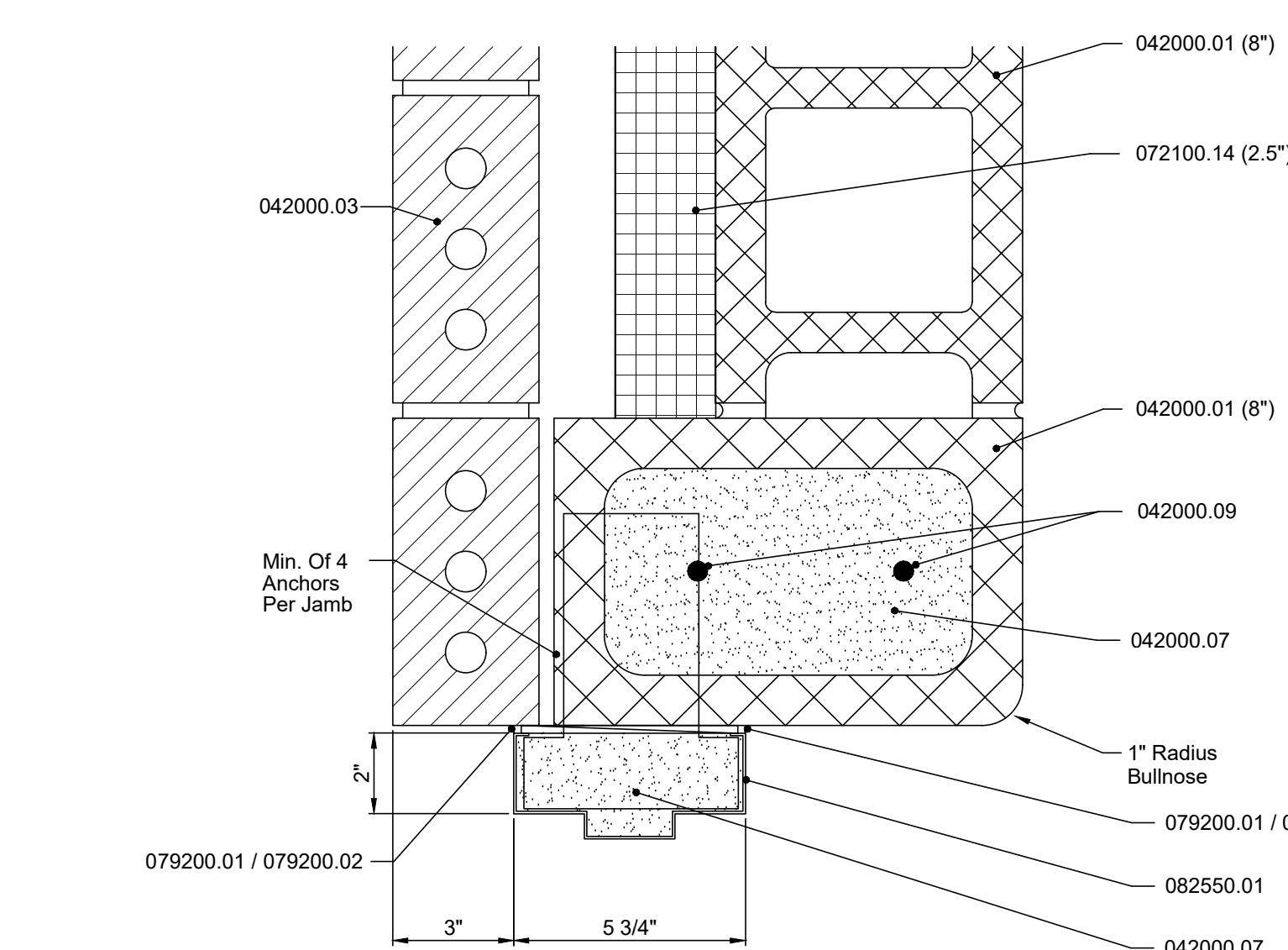


Revisions:

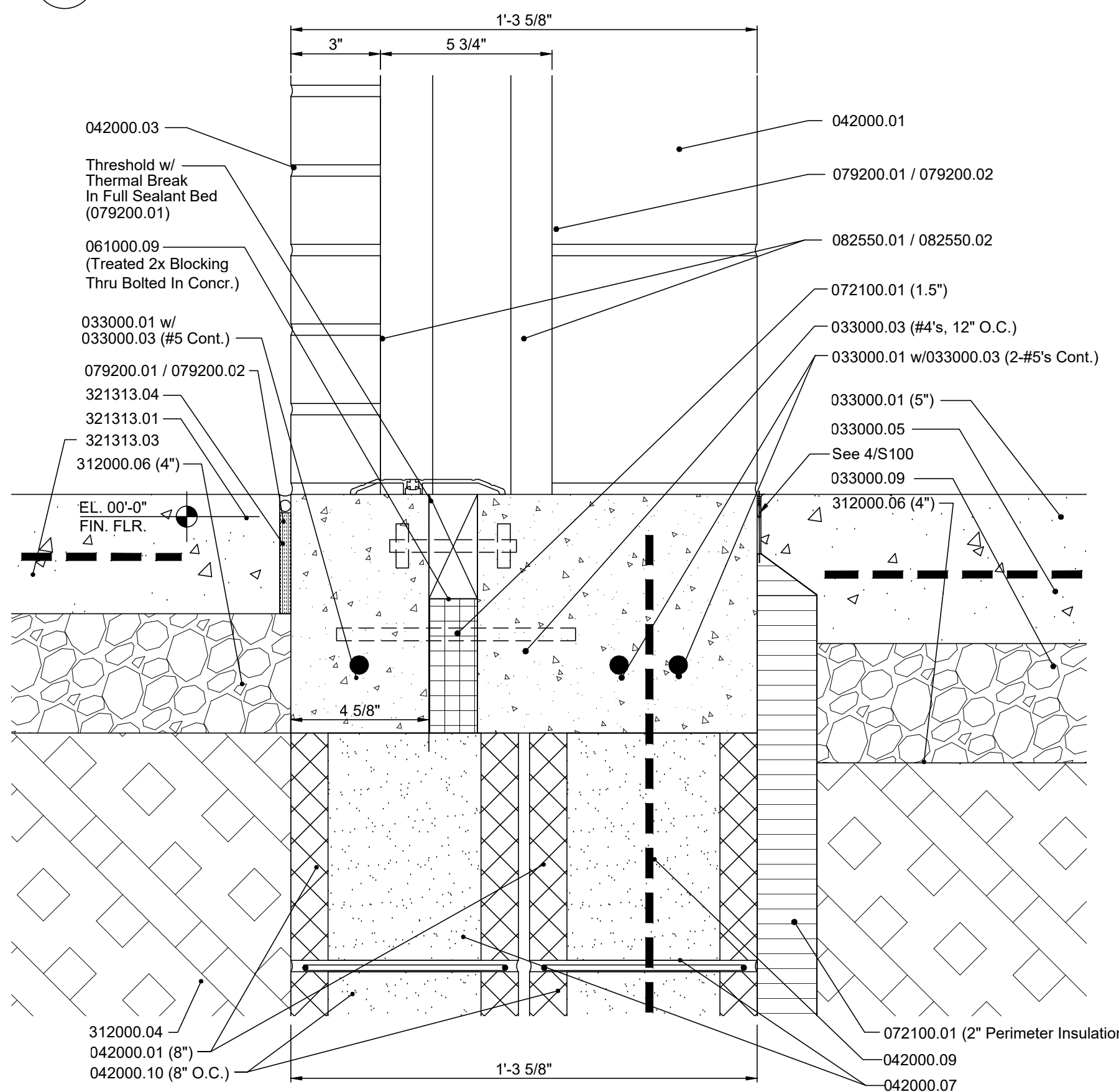
Project Number:	03003001-24-025-D1
Requestion Number:	
Account Number:	
Designer:	Drawing Date: SEP 2024
Drafter:	Drawing Scale:
DAPW Approval:	
Client Approval:	
Reference Number:	1385N
Building Reference:	ST
Drawing Number:	A301
Sheet:	8 of 16



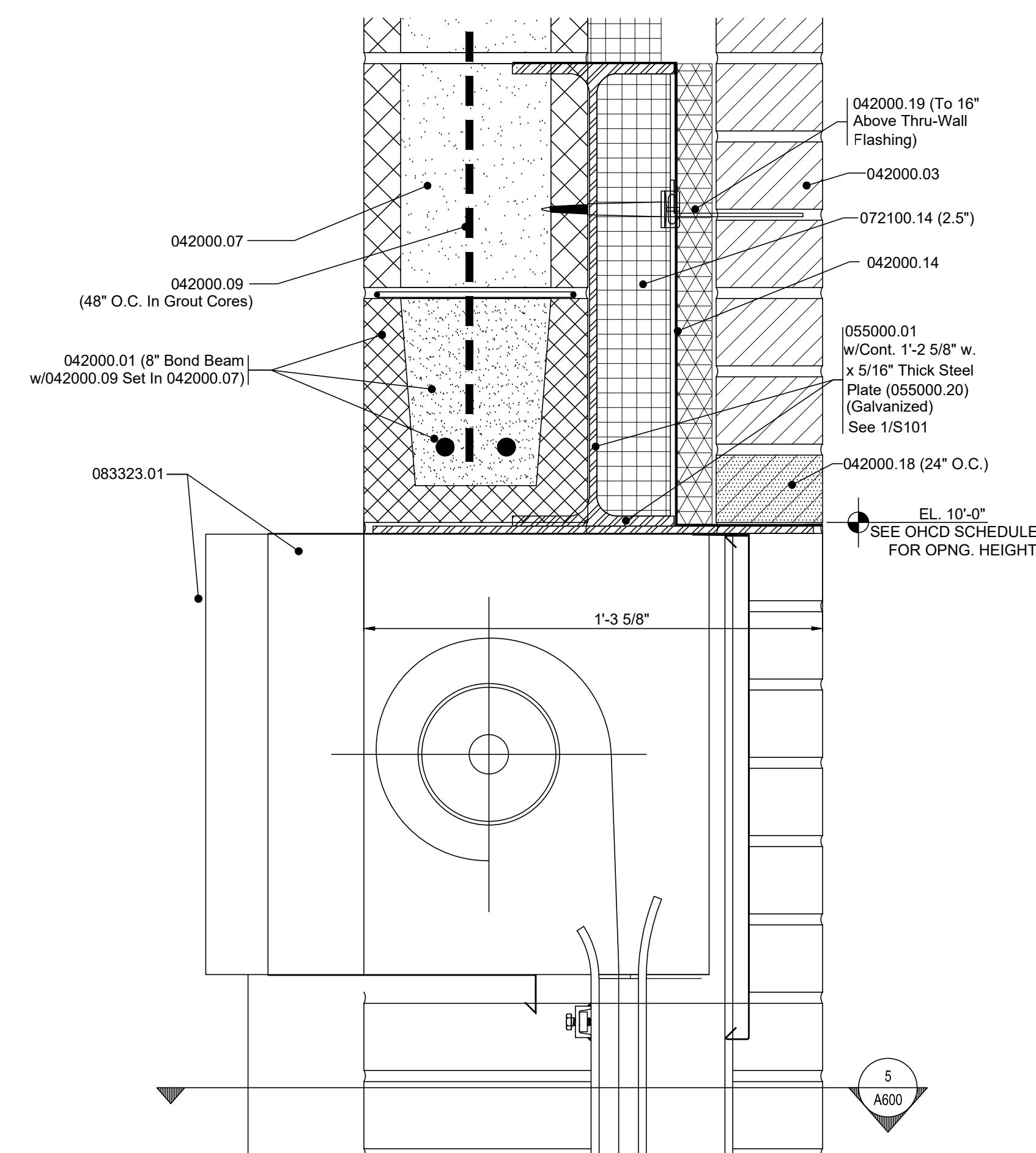
1 DOOR HEAD DETAIL 3"=1'-0"



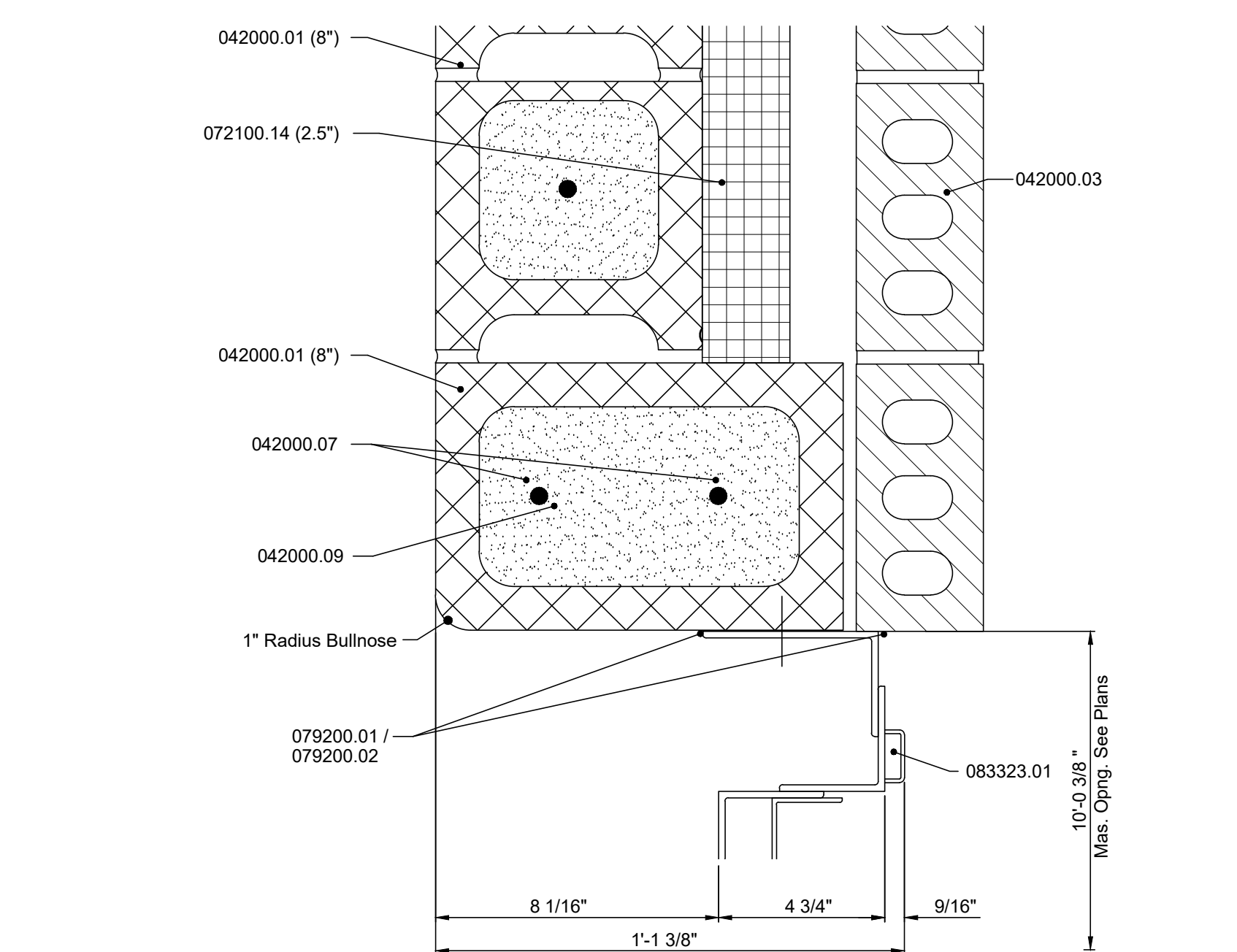
2 DOOR JAMB DETAIL 3"=1'-0"



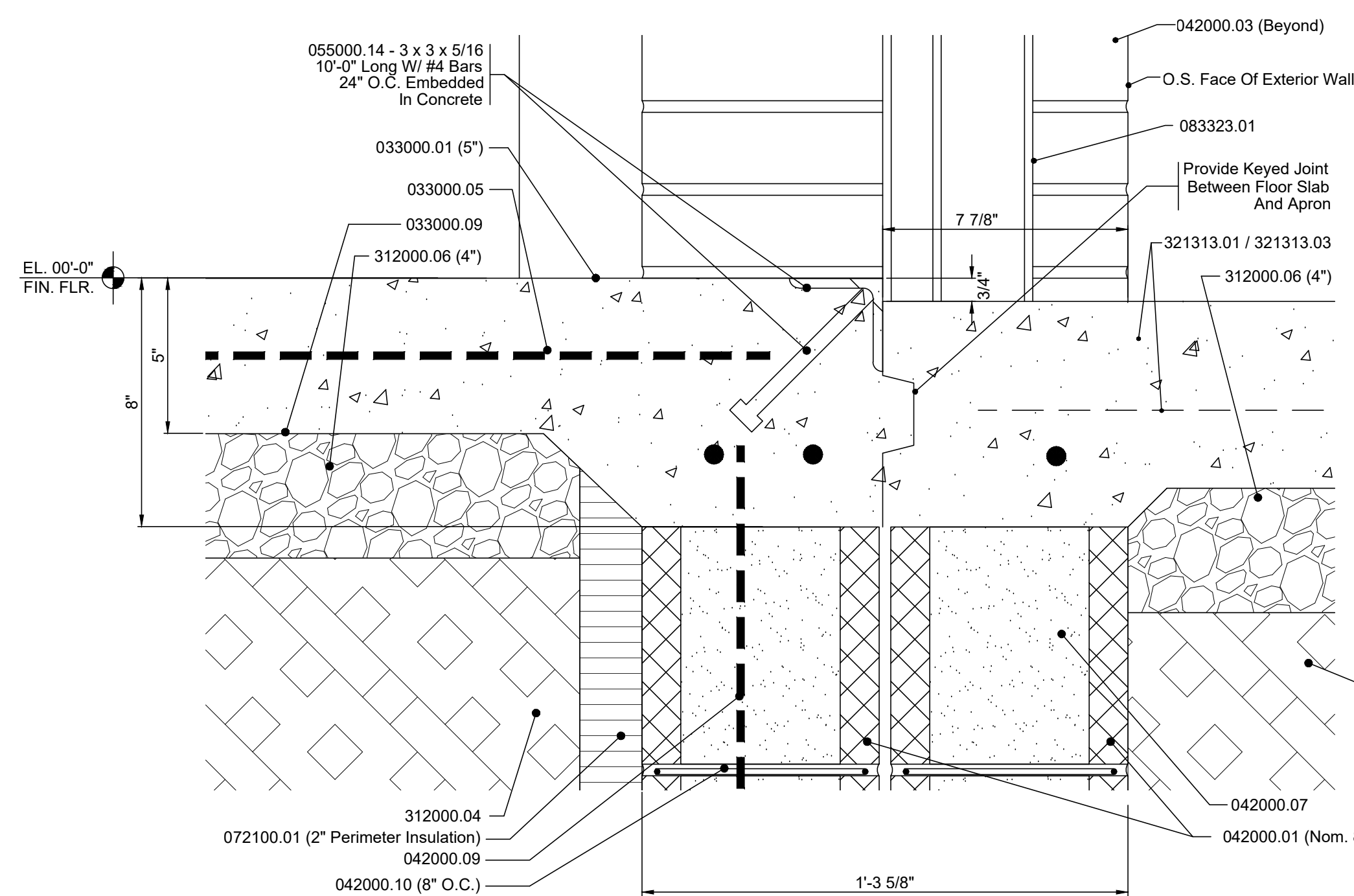
3 DOOR SILL DETAIL 3"=1'-0"



4 OVERHEAD COILING DOOR HEAD DETAIL 3"=1'-0"

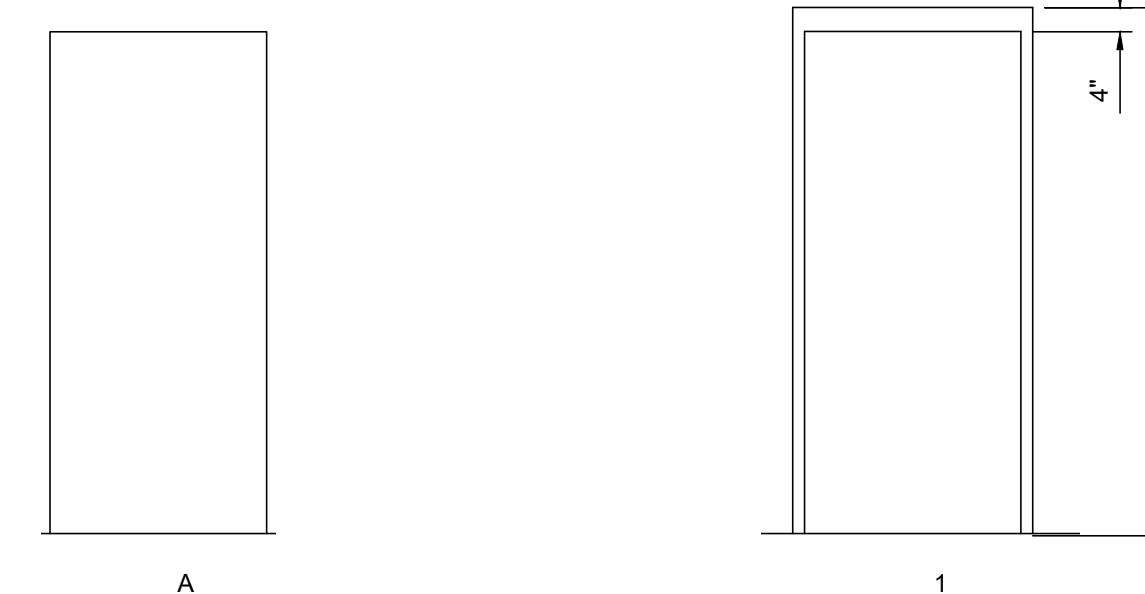


5 OVERHEAD DOOR JAMB DETAIL 3"=1'-0"



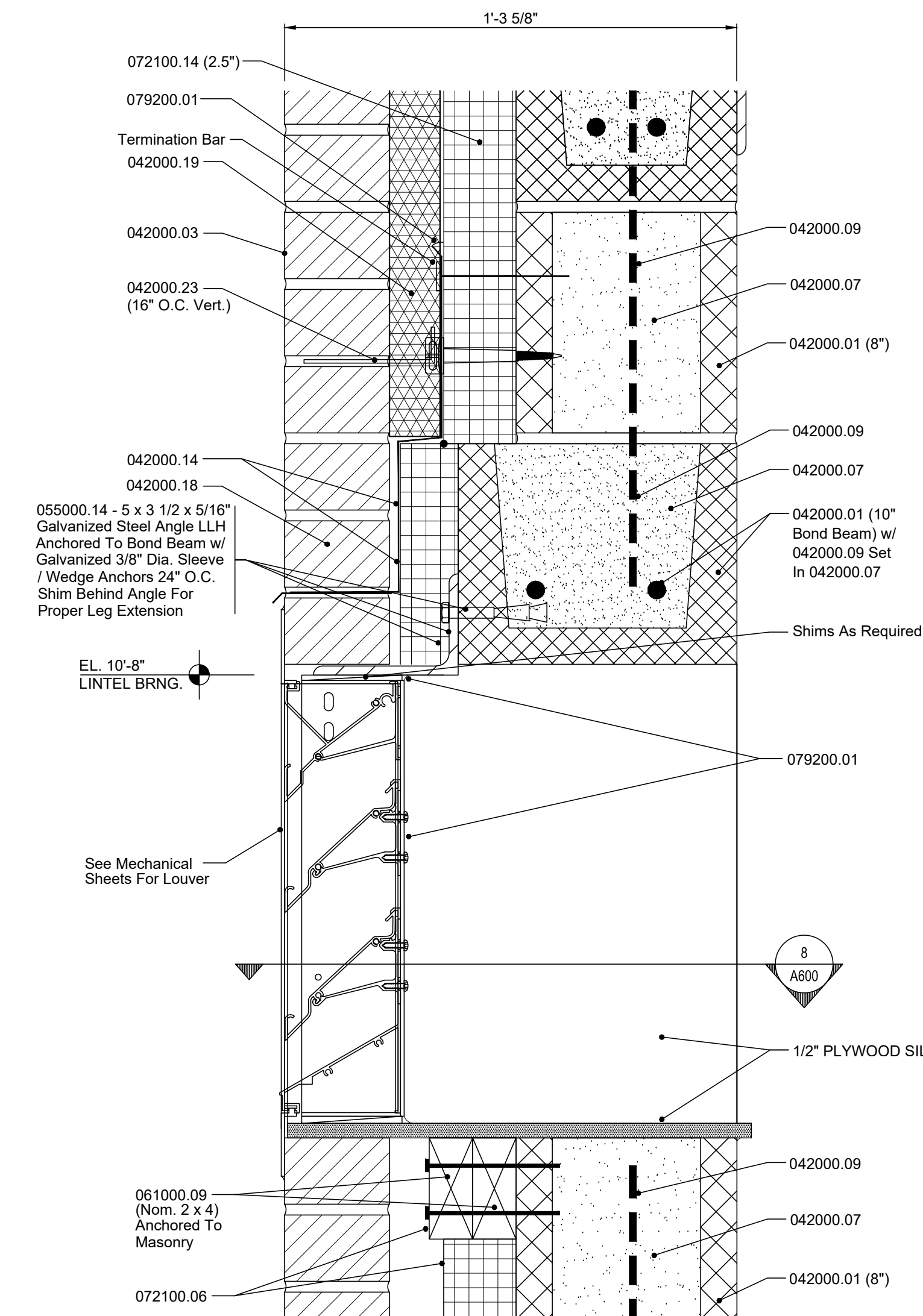
6 OVERHEAD DOOR SILL DETAIL 3"=1'-0"

DOOR SCHEDULE							REMARKS
DOOR NUMBER	DOOR SIZE	DOOR ELEV.	DOOR MATL.	DOOR HDWRE	GLASS TYPE	FRAME ELEV. DETAILS	
T00	3'-0" x 7'-0" x 1.314"	A	FRP	3	-	1/A600, 2/A600, 3/A600	

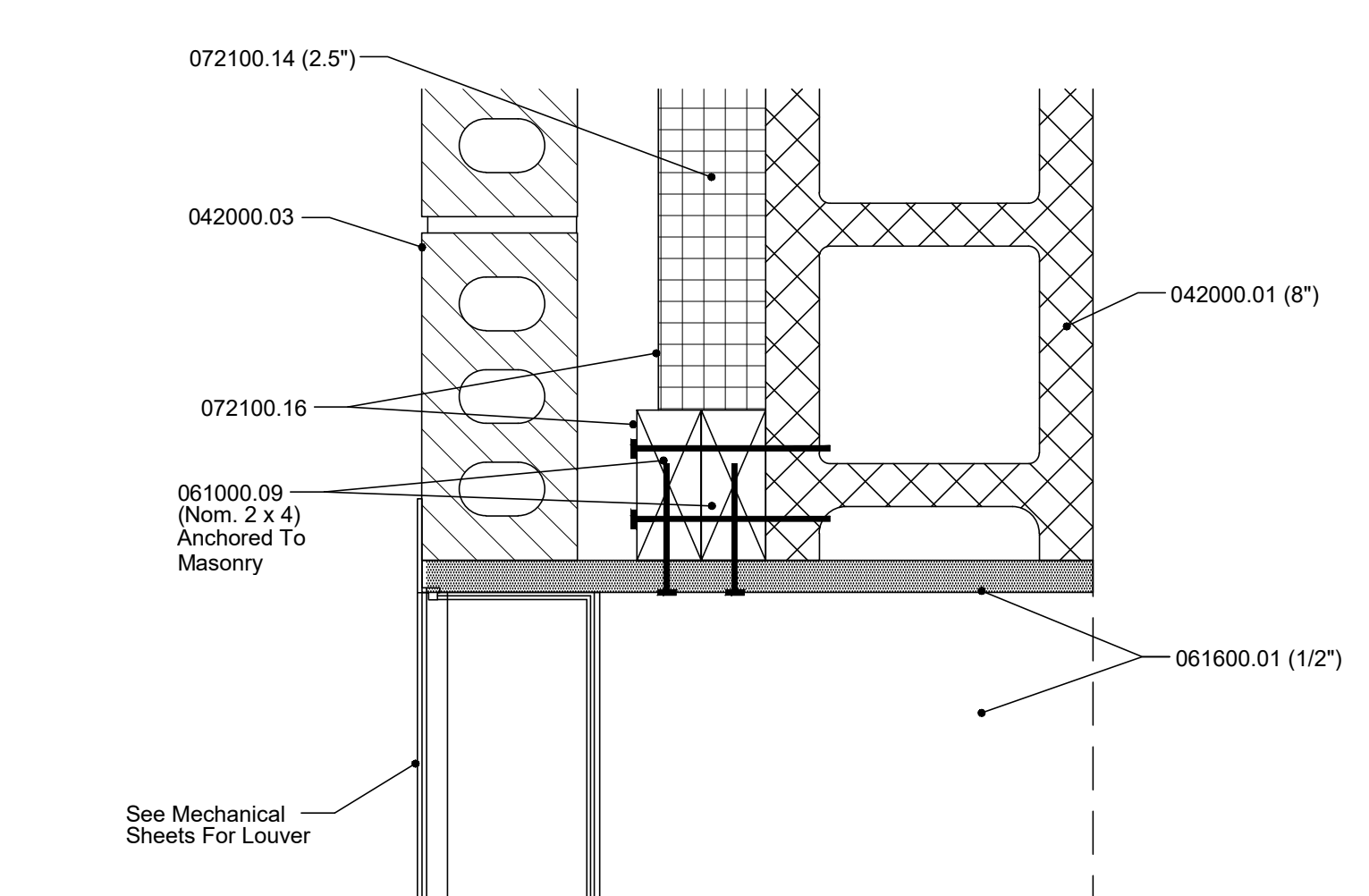


DOOR ELEVATIONS 3/8"=1'-0" FRAME ELEVATIONS 3/8"=1'-0"

OVERHEAD COILING DOOR SCHEDULE							REMARKS
DOOR NUMBER	DOOR SIZE (W x H)	DOOR TYPE	DOOR MATL.	GLASS TYPE	FRAME DETAILS		
OHCD-1	10'-0" x 10'-0"	-	STEEL	-	4, 5, 6/A600		



7 LOUVER HEAD/SILL 3"=1'-0"



8 LOUVER JAMB 3"=1'-0"

MATERIAL NOTES

- 033000.01 Cast-In-Place Concrete
- 033000.03 Reinforcing Bars
- 033000.05 Welded Wire Fabric
- 033000.09 Vapor Retarder
- 042000.01 Concrete Masonry Unit
- 042000.03 Brick
- 042000.07 Grout
- 042000.09 Reinforcing Steel
- 042000.10 Masonry Joint Reinforcement
- 042000.14 Flexible Flashing with Drip Edge
- 042000.18 Mesh Veneer/Vert
- 042000.19 Cavity Drainage Material
- 042000.23 Screw-Attached, Masonry Veneer Anchor Steel (Size)
- 055000.14 Loose Steel Angle
- 055000.20 Steel Plate
- 061000.09 Dimension Lumber (Size)
- 072100.14 Cavity Wall Insulation and Accessories
- 072100.16 Seam Sealant and Transition Material
- 079200.01 Joint Sealant
- 079200.02 Joint Sealant Backing
- 082550.01 Fiberglass reinforced plastic (FRP) Frame
- 082550.02 Fiberglass reinforced plastic (FRP) Door
- 083232.01 Overhead Coiling Door
- 312000.04 Engineered Fill
- 312000.06 Drainage Course
- 321313.01 Cement Concrete Pavement
- 321313.03 Steel Reinforcement
- 321313.04 Expansion-and-Isolation-Joint-Filler Strips

JOE
JANSSEN & SPAANS ENGINEERING
920 Harrison Park Court
Indianapolis, Indiana 46216
Phone: (317) 254-0888 Fax: (317) 259-4262

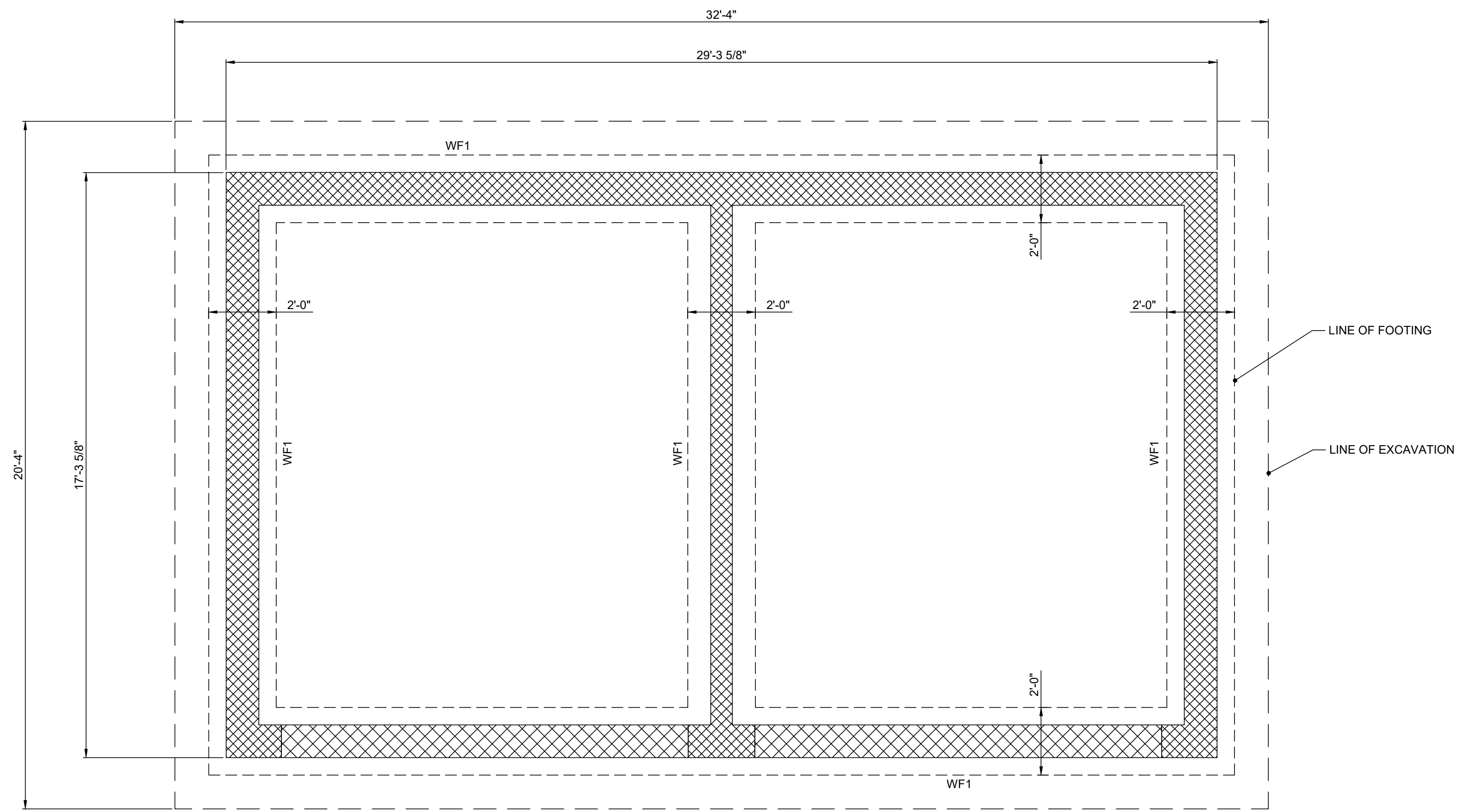
Fosse & Associates
Architects, Inc.
201 NW Fourth St. Suite 400 - Evansville, IN 47708
Phone: (812) 424-3295 Fax: (812) 424-3295
E-mail: jfosse@fosse-arch.com

B.C. Engineering, Inc.
Mechanical & Electrical Engineering
551 Carpenter Street
Evansville, IN 47708
Phone: (812) 424-7941
Fax: (812) 424-7942
www.bcing.com

PUBLIC WORKS PROJECT NO. 03003001-24-025-C1
TAYLORSVILLE NB TRUCK PARKING
TAYLORSVILLE, INDIANA



Revisions:	
Project Number:	03003001-24-025-D1
Requestion Number:	
Account Number:	
Designer:	Drawing Date: SEP 2024
Drafter:	Drawing Scale:
DAPW Approval:	
Client Approval:	
Reference Number:	1385N
Building Reference:	ST
Drawing Number:	A600
Sheet:	9 of 16



FOOTING AND FOUNDATION PLAN

1. Excavate To Elevation -5'-6" Below Finished Floor Elevation.
2. Install 6" Base Stabilization Course (312000.08), Compact/Roll Into Subgrade.
3. Install Base Stabilization Geotextile (312000.13).
4. Fill Remainder of Excavation with Engineered Fill (312000.04), Compact per Specifications.

3/8"=1'-0"

MATERIAL NOTES

- 033000.01 Cast-In-Place Concrete
- 042000.03 Brick
- 055000.19 Pipe Bollard
- 099113.01 Exterior Painting
- 312000.04 Engineered Fill
- 312000.08 Soil Stabilization Course
- 312000.13 Base Stabilization Geotextile
- 321313.01 Cement Concrete Pavement
- 321313.03 Steel Reinforcement
- 321313.04 Expansion-and-Isolation-Joint Filler Strip

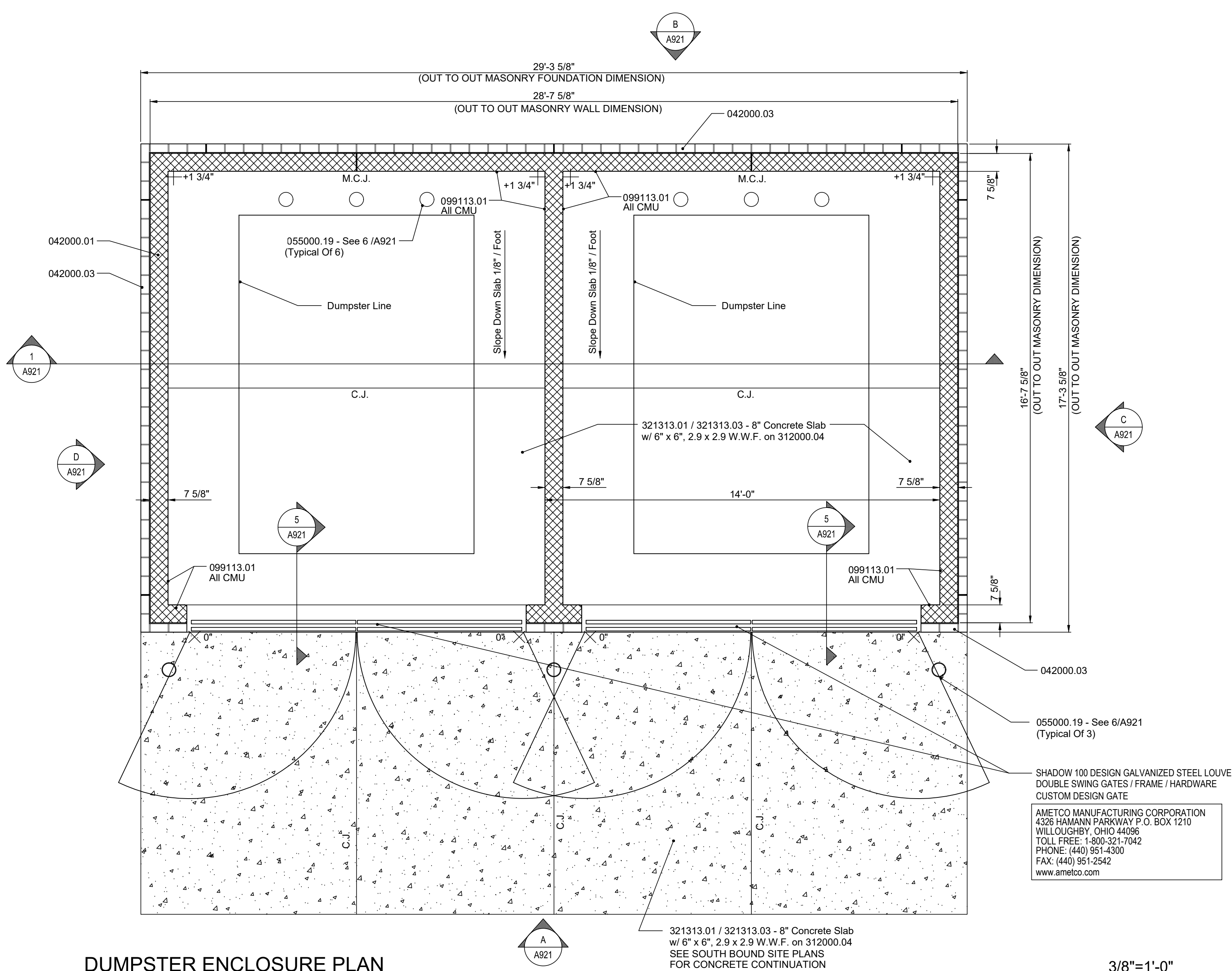
GENERAL NOTES

1. UNLESS OTHERWISE INDICATED, FOOTINGS ARE CENTERED ON WALLS.
2. ALL VERTICAL REINFORCING # 5 BARS 48" O.C. IN GROUTED CORES.
3. PROVIDE FOOTING DOWELS FOR VERTICAL REINFORCEMENT.
4. TOP OF FOOTING = 2'-0" BELOW FINISHED FLOOR
5. ALL BACKFILL INSIDE BUILDING PERIMETER SHALL BE INDOT 53'S TO BOTTOM OF 4" DRAINAGE COURSE

FOOTING SCHEDULE

FOOTING MARK	SIZE (W x D)	REINFORCING
WF1	2'-0" W x 16", CONT.	3 - # 5s CONT., 9" o.c.

NOTE! UNLESS OTHERWISE INDICATED, FOOTING REINFORCEMENT IS 3" FROM BOTTOM OF FOOTING.
WF = WALL FOOTING



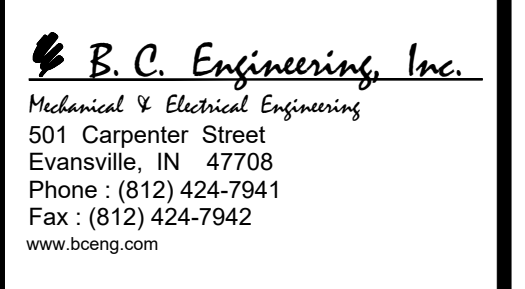
DUMPSTER ENCLOSURE PLAN

REFER TO CIVIL SHEETS FOR ALL FINISHED GRADE ELEVATIONS

Note: Refer To Site Plan For North / South Orientation And Location

3/8"=1'-0"

Certified by:



PUBLIC WORKS PROJECT NO. 03003001-24-025-C1
TAYLORSVILLE NB TRUCK PARKING
TAYLORSVILLE, INDIANA



Revisions:

Project Number: 03003001-24-025-D1

Requisition Number:

Account Number:

Designer: Drawing Date: SEP 2024

Drafter: Drawing Scale:

DAPW Approval:

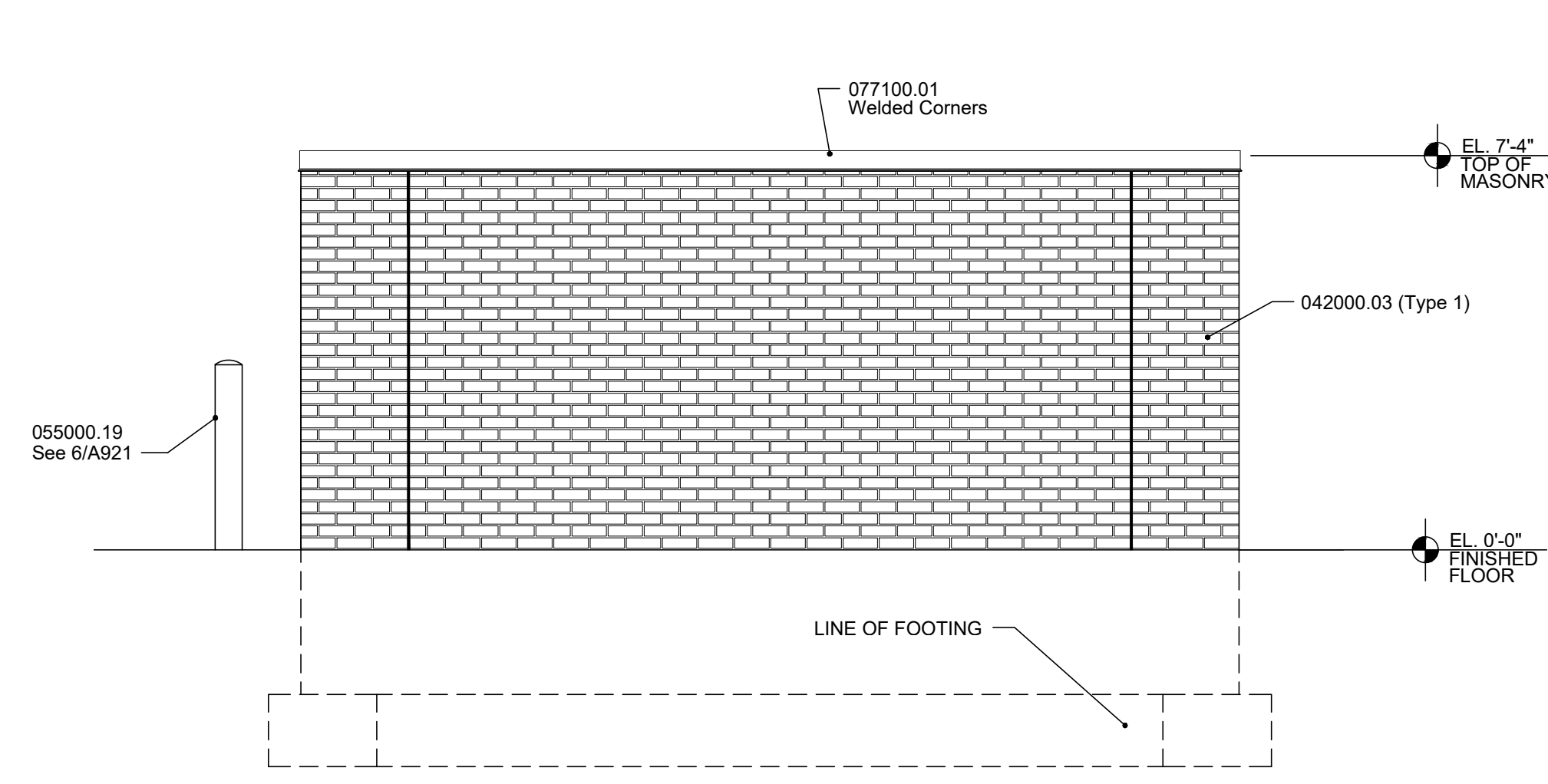
Client Approval:

Reference Number: 1385N

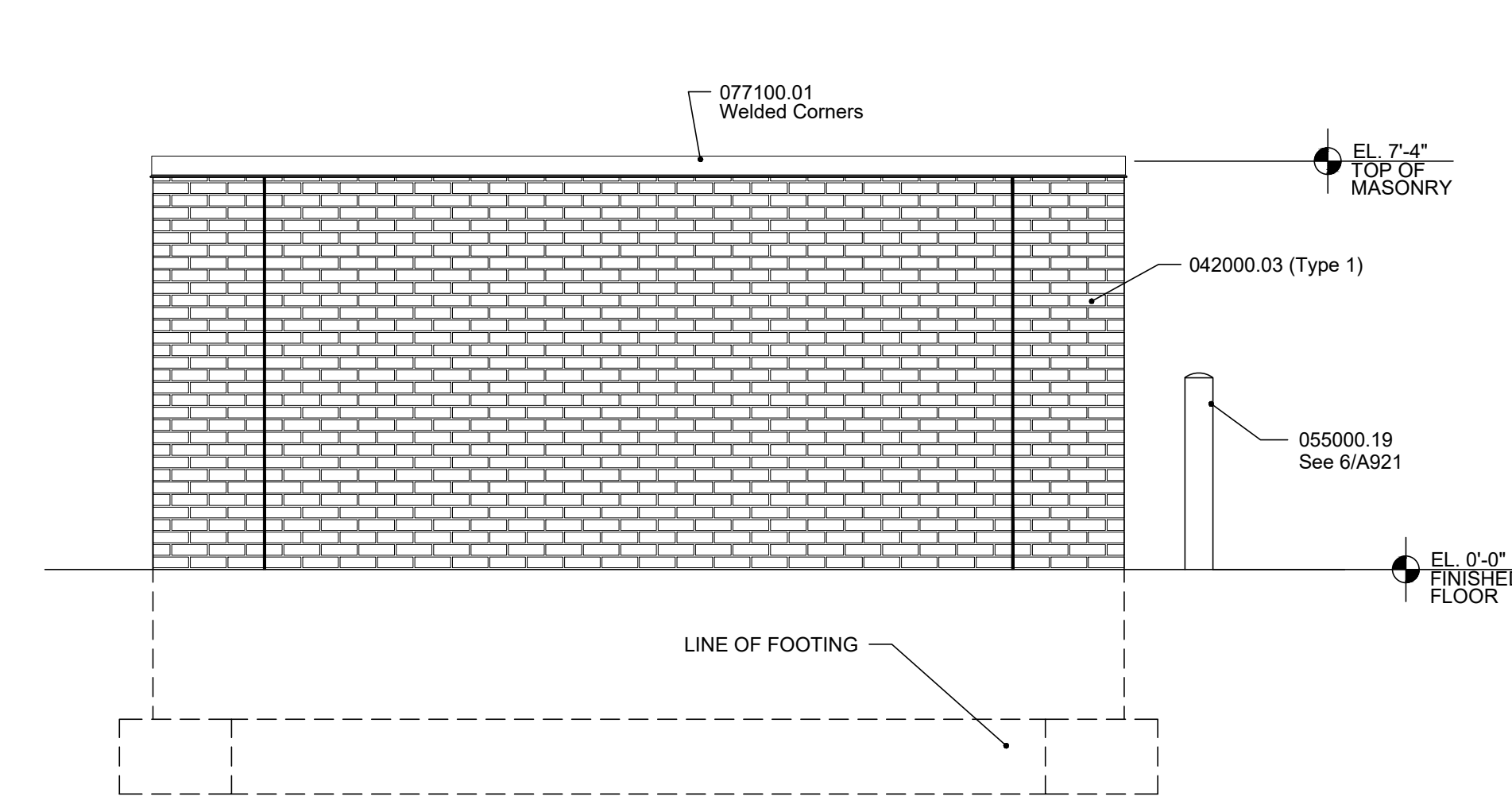
Building Reference: ST

Drawing Number: A920

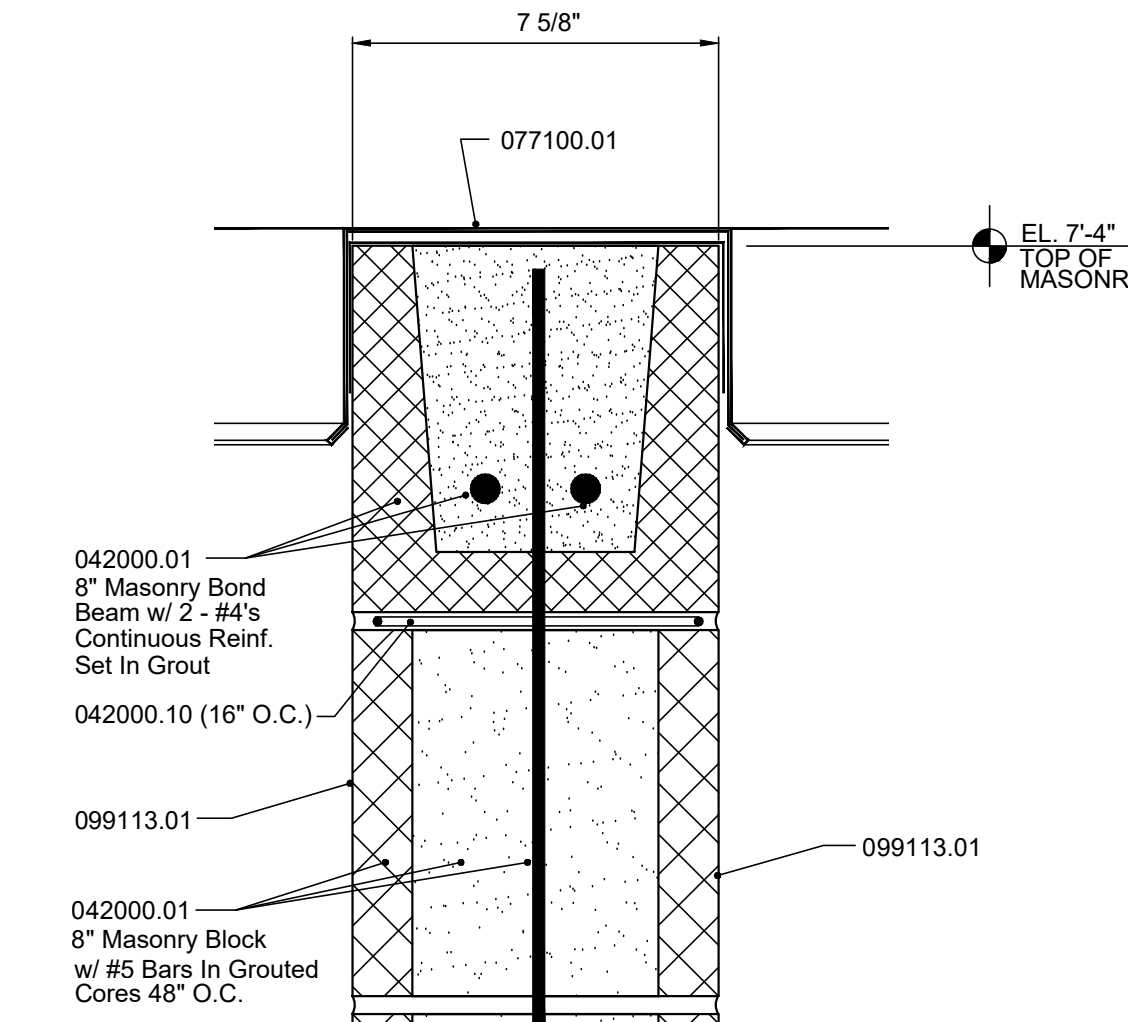
Sheet: 10 of 16



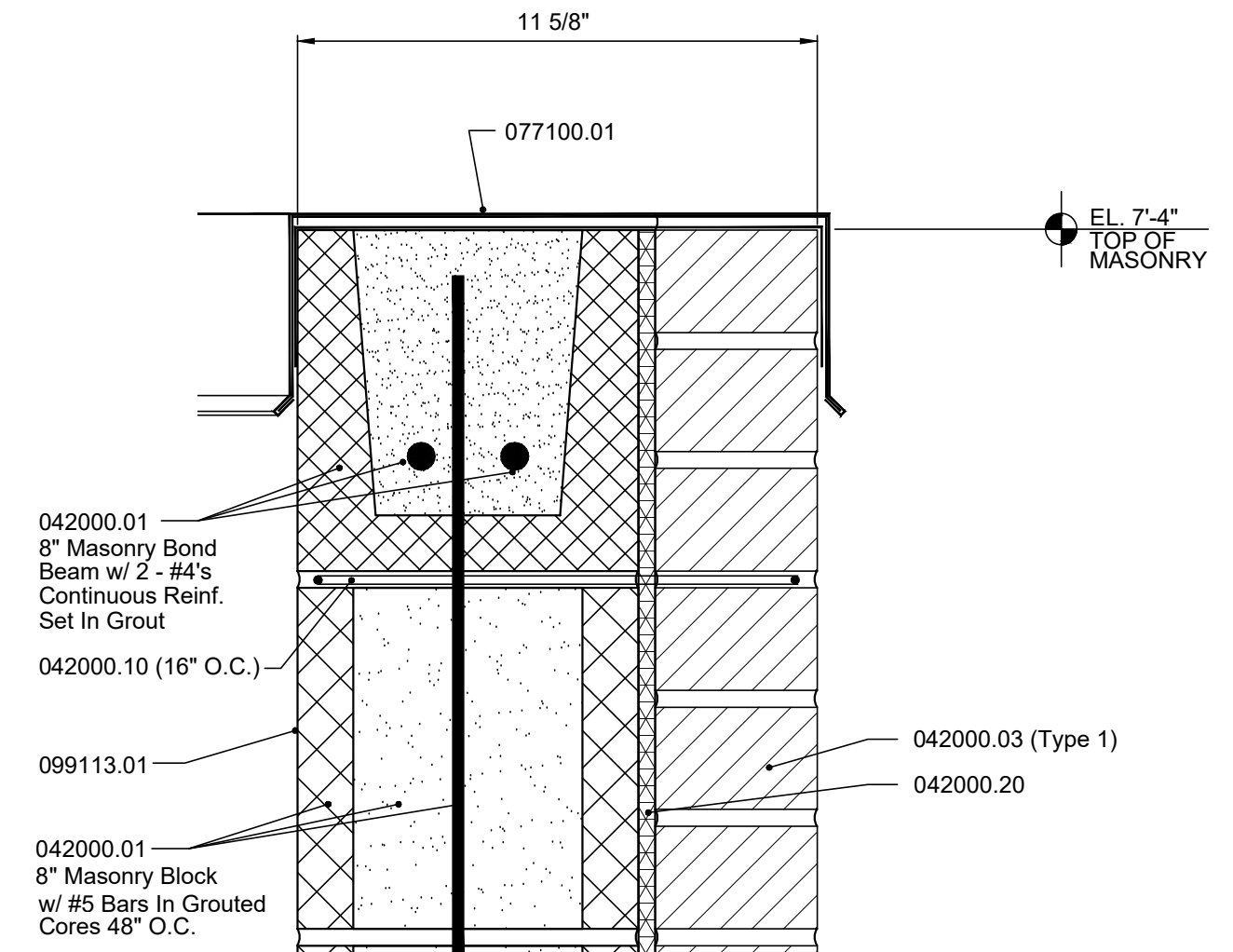
C DUMPSTER ENCLOSURE ELEVATION 3/8"=1'-0"



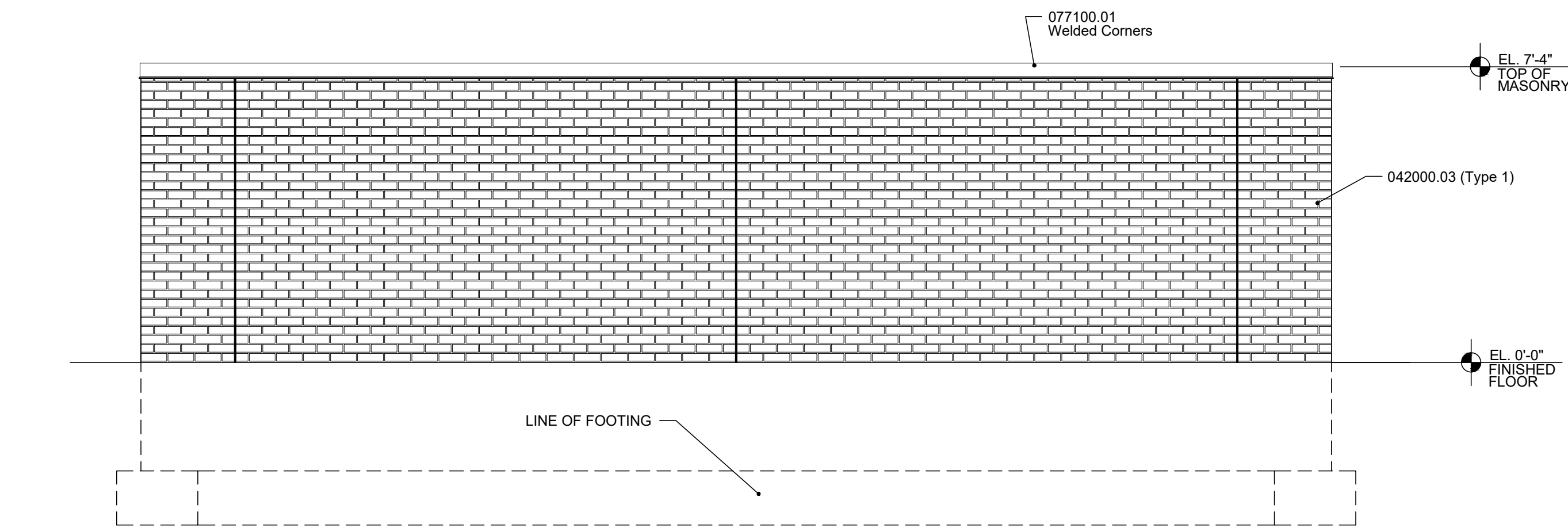
D DUMPSTER ENCLOSURE ELEVATION 3/8"=1'-0"



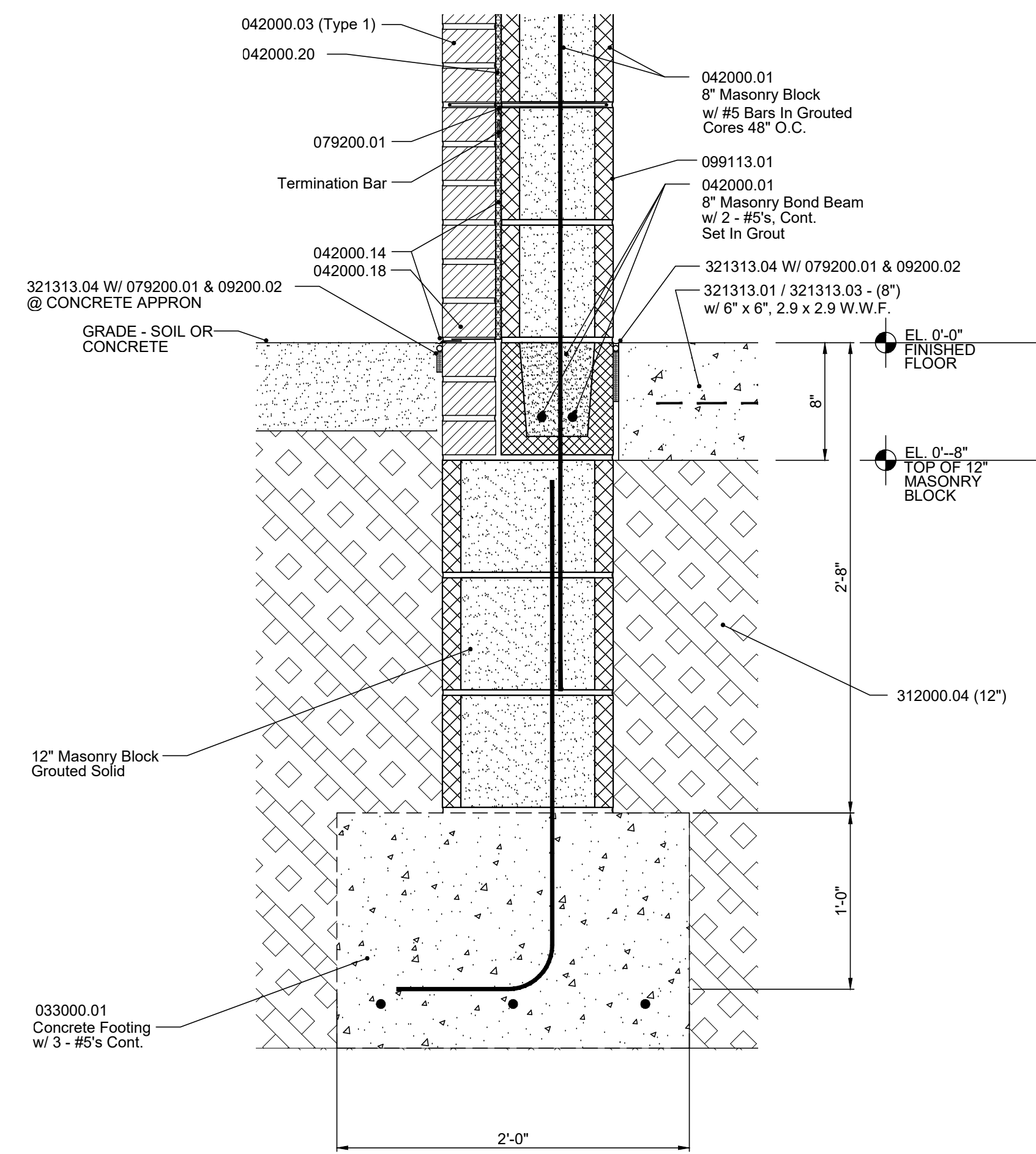
2 DETAIL 3"=1'-0"



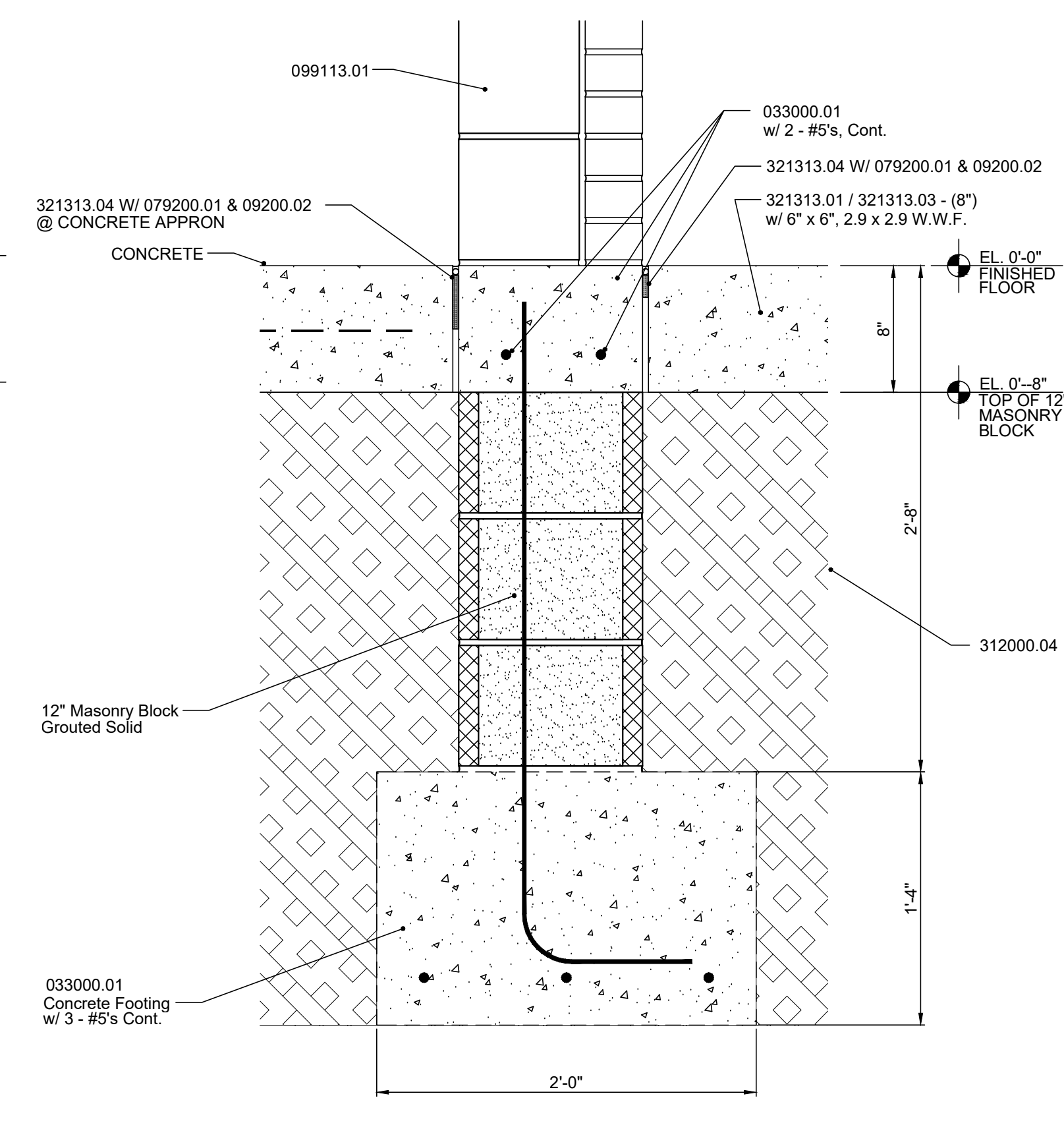
3 DETAIL 3"=1'-0"



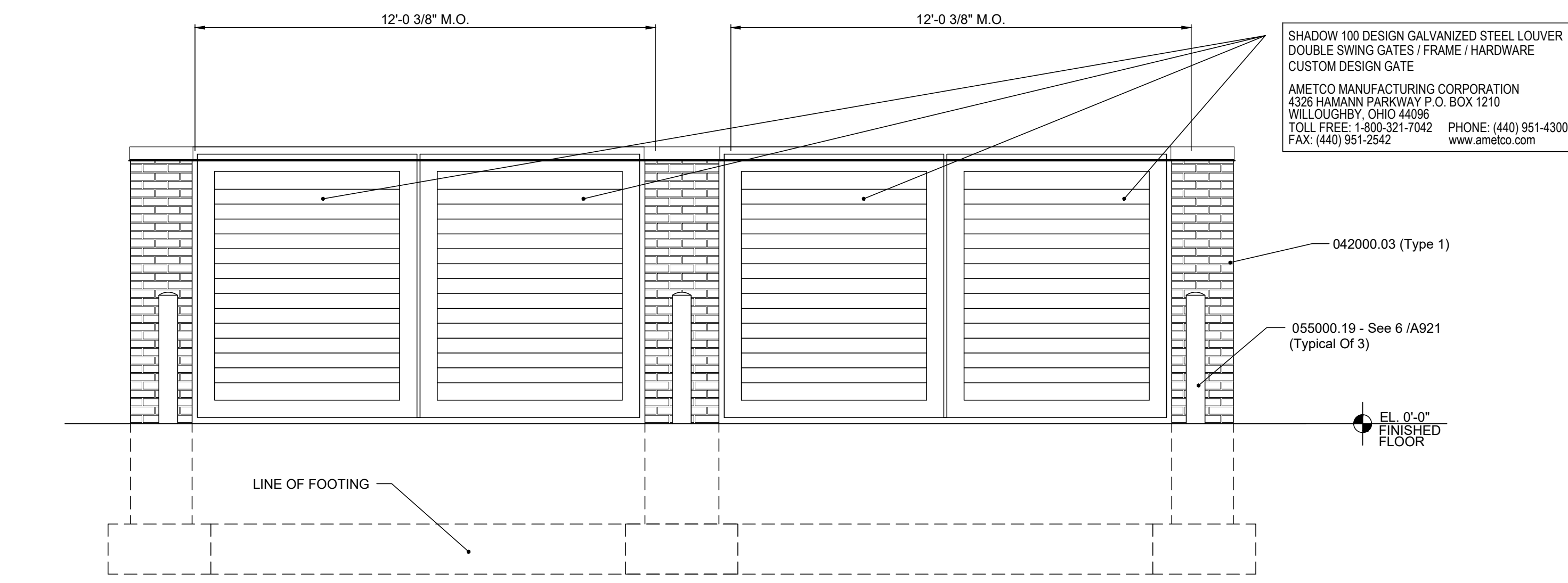
B DUMPSTER ENCLOSURE ELEVATION 3/8"=1'-0"



4 DETAIL 1 1/2"=1'-0"

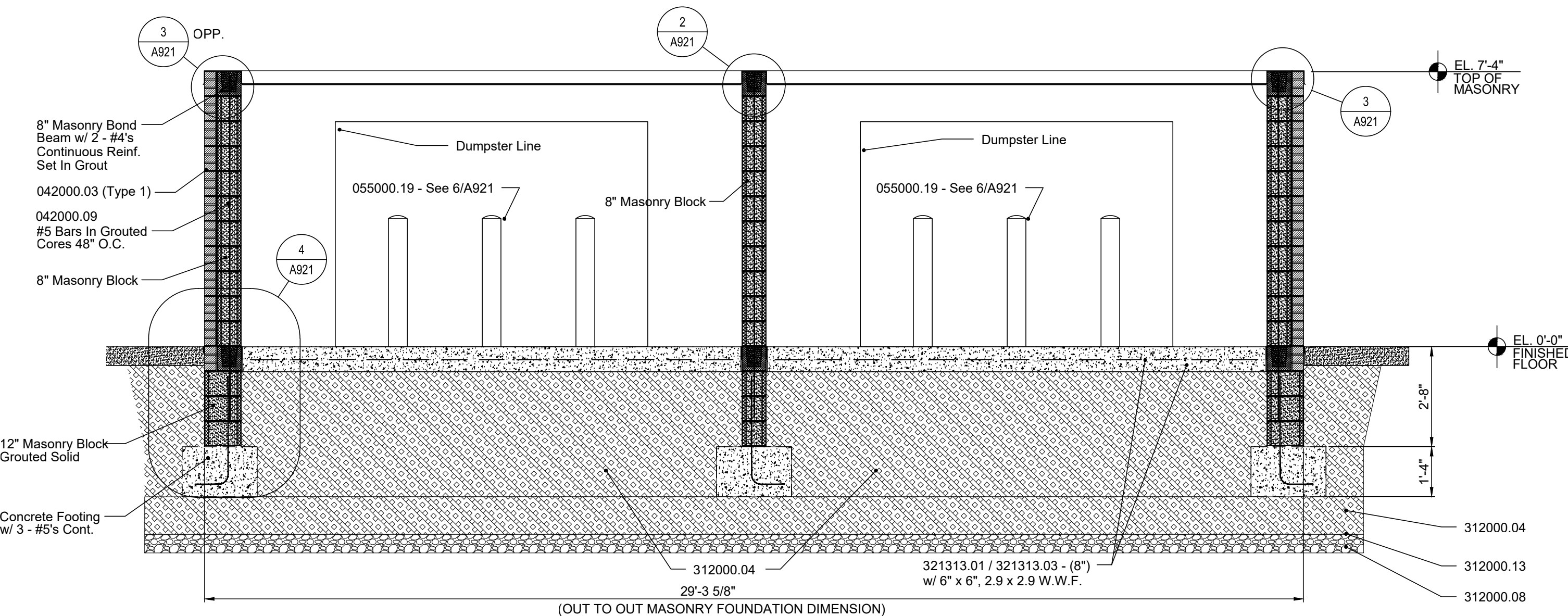


5 DETAIL 1 1/2"=1'-0"



A DUMPSTER ENCLOSURE ELEVATION 3/8"=1'-0"

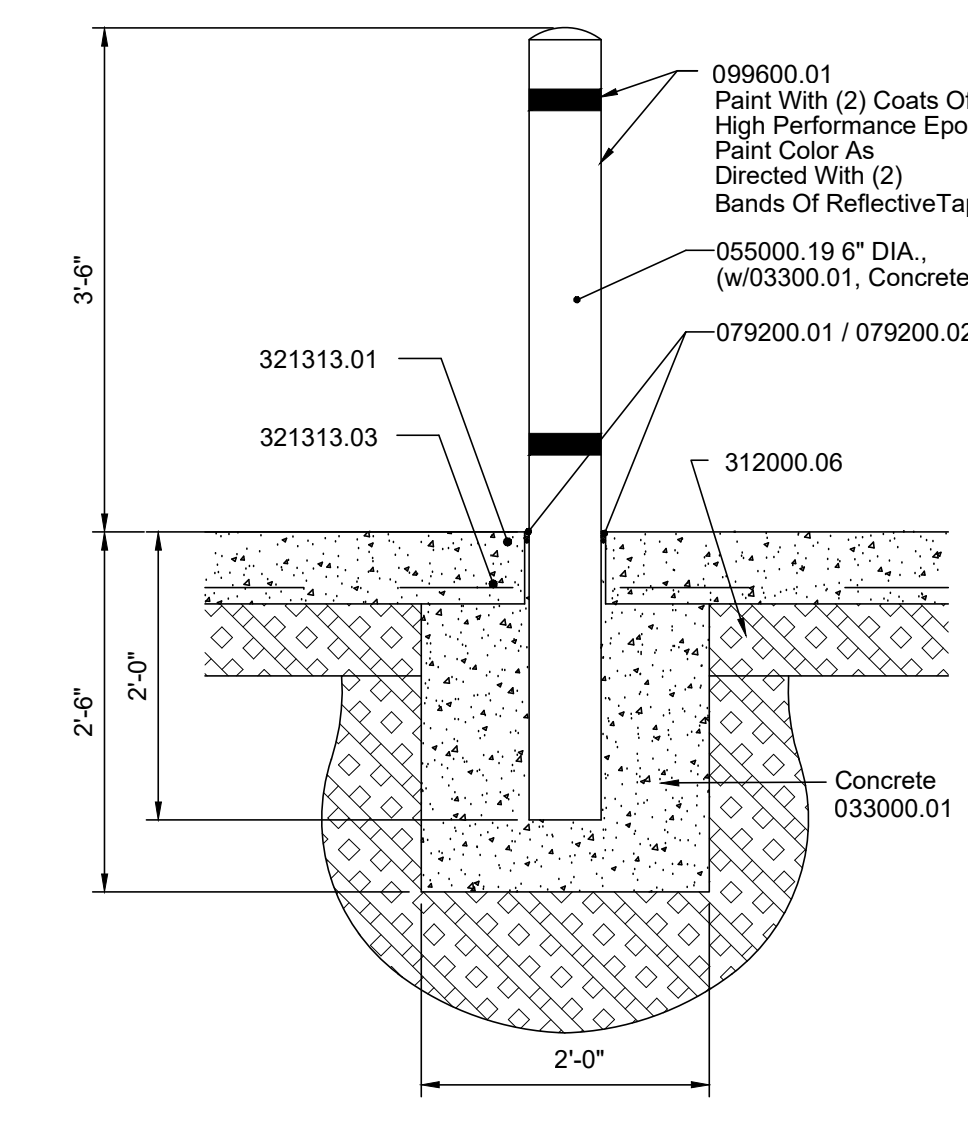
SHADOW 100 DESIGN GALVANIZED STEEL LOWER DOUBLE SWING GATES / FRAME / HARDWARE CUSTOM DESIGN GATE
 AMETCO MANUFACTURING CORPORATION
 4208 HASBAM PARKWAY P.O. BOX 1210
 WILLOUGHBY, OHIO 44095
 TOLL FREE: 1-800-321-7042 PHONE: (440) 951-4300
 FAX: (440) 951-2042 www.ametco.com



1 DUMPSTER ENCLOSURE SECTION 3/8"=1'-0"

MATERIAL NOTES

- 033000.01 Cast-In-Place Concrete
- 042000.01 Concrete Masonry Unit
- 042000.03 Brick
- 042000.07 Grout
- 042000.09 Reinforcing Steel
- 042000.10 Masonry Joint Reinforcement
- 042000.14 Flexible Flashing with Drip Edge
- 042000.18 Mesh Weep / Vent
- 042000.20 Rainscreen Cavity Drainage Material
- 055000.19 Pipe Bolt
- 077100.01 Coping
- 079200.01 Joint Sealant
- 079200.02 Joint Sealant Backing
- 099113.01 Exterior Paint
- 099600.01 High-Performance Coating
- 312000.04 Engineered Fill
- 312000.06 Drainage Course
- 312000.08 Soil Stabilization Course
- 312000.13 Base Stabilization Geotextile
- 321313.01 Cement Concrete Pavement
- 321313.03 Steel Reinforcement
- 321313.04 Expansion-and-Isolation-Joint-Filler Strip



6 DETAIL 3/4"=1'-0"

Certified by:

Fosse & Associates Architects, Inc.
 201 NW Fourth St. Suite 100 - Evansville, IN 47708
 Phone: (812) 424-3208 - Fax: (812) 424-3207
 E-mail: fosse@fosse-arch.com

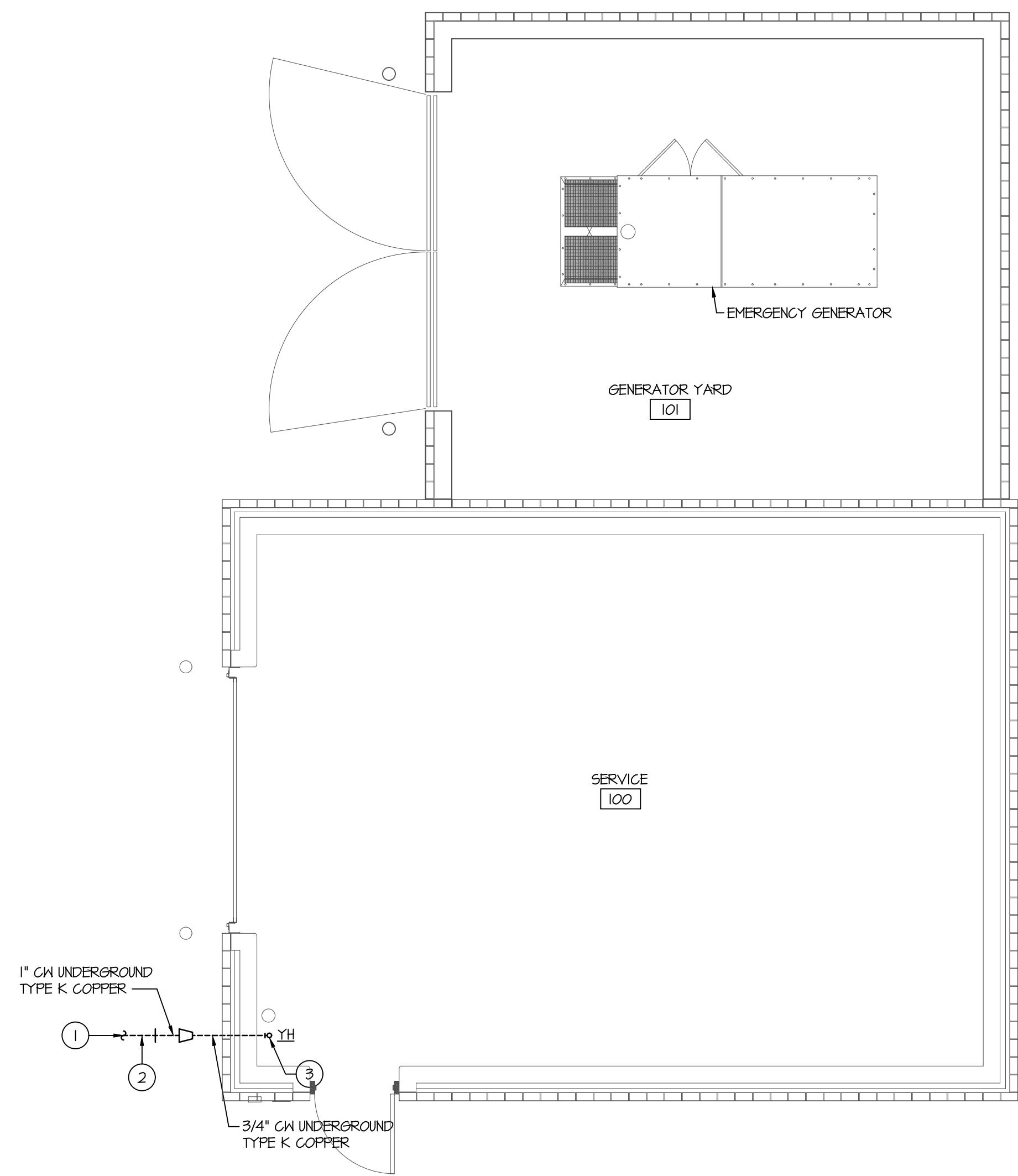
B. C. Engineering, Inc.
 Mechanical & Electrical Engineering
 501 Carpenter Street
 Evansville, IN 47708
 Phone: (812) 424-7941
 Fax: (812) 424-7942
 www.bcing.com

PUBLIC WORKS PROJECT NO. 03003001-24-025-C1
 TAYLORSVILLE NB TRUCK PARKING
 TAYLORSVILLE, INDIANA



Revisions:

Project Number:	03003001-24-025-D1
Requisition Number:	
Account Number:	
Designer:	Drawing Date: SEP 2024
Drafter:	Drawing Scale:
DAWP Approval:	
Client Approval:	
Reference Number:	1385N
Building Reference:	ST
Drawing Number:	A921
Sheet:	11 of 16



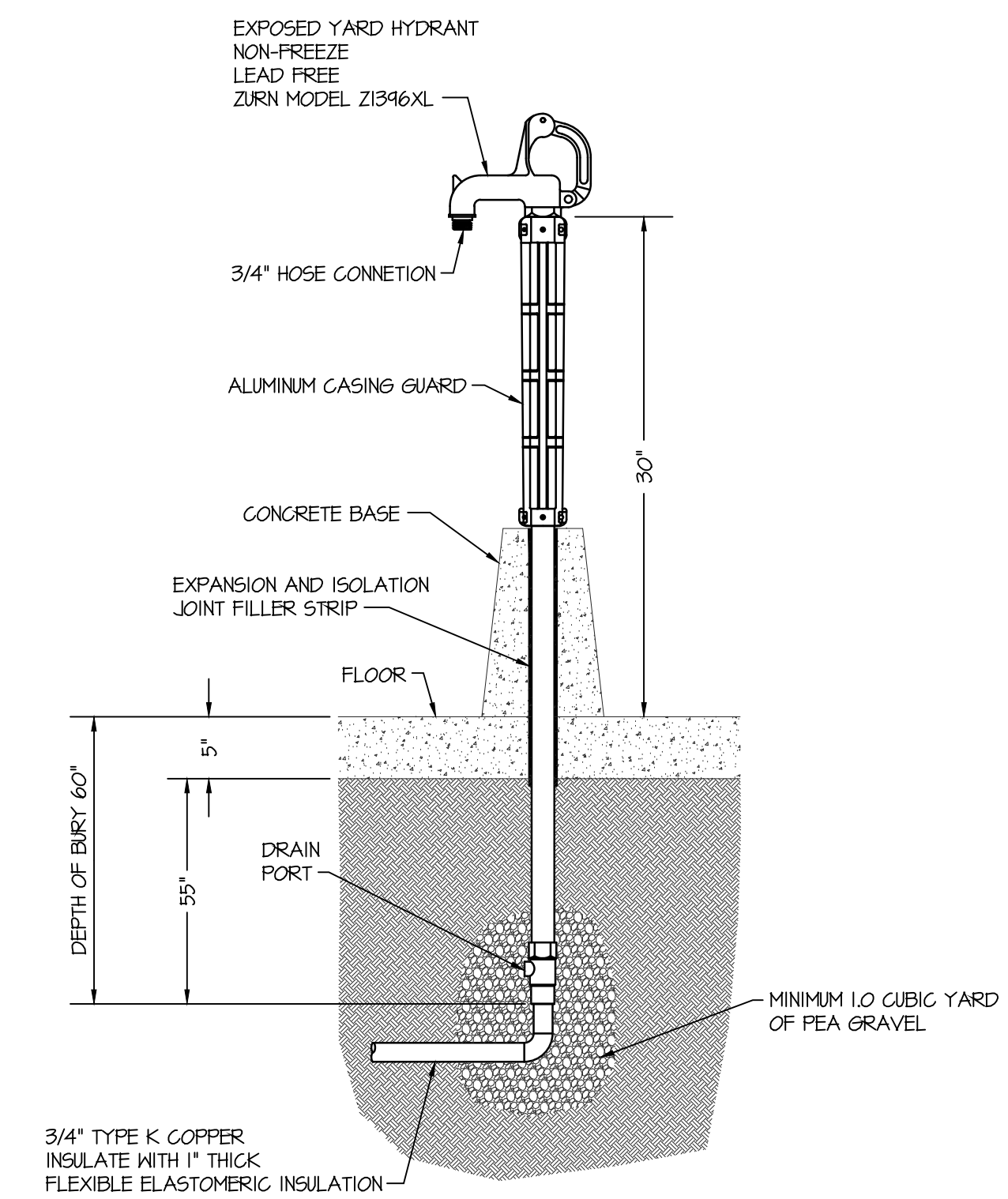
WATER PIPING PLAN
SCALE: 1/4" = 1'-0"

PLUMBING PLAN NOTES:

- ① SEE CIVIL PLANS FOR CONTINUATION.
- ② SEE CIVIL PLANS FOR PIPE MATERIAL.
- ③ YARD HYDRANT
SEE "YARD HYDRANT DETAIL" THIS SHEET.

GENERAL PLUMBING NOTES:

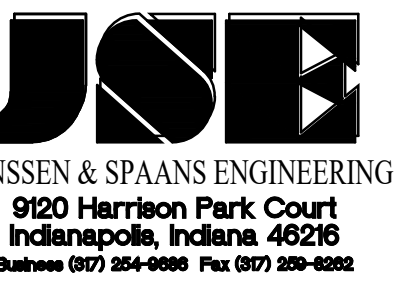
- 1 DRAWINGS ARE DIAGNAMATIC AND INDICATE THE GENERAL ARRANGEMENT OF PIPING, EQUIPMENT, ETC. DO NOT SCALE THE DRAWINGS. THE EXACT LOCATION AND / OR ROUTING OF PIPING, EQUIPMENT, ETC. UNLESS SPECIFICALLY DIMENSIONED ON THE DRAWINGS, SHALL BE DETERMINED IN THE FIELD. MAKE REASONABLE MODIFICATIONS IN THE INSTALLATION SO ALL PIPING, EQUIPMENT, ETC. FIT PROPERLY AND CAN BE SERVICED. COORDINATE ALL INSTALLATIONS AND ROUTINGS WITH OTHER TRADES.
- 2 PLUMBING EQUIPMENT AND INSTALLATION SHALL CONFORM TO THE LATEST EDITION OF THE:
 - STATE BUILDING CODE
 - STATE PLUMBING CODE
 - STATE MECHANICAL CODE
 - STATE FIRE CODE
 - STATE ENERGY CODE
 - NATIONAL ELECTRIC CODE
 - APPLICABLE OSHA AND NFPA STANDARDS
 - COUNTY AND CITY BUILDINGS REGULATIONS AND CODES
- 3 PROVIDE ADDITIONAL OFFSETS IN PIPING AS REQUIRED
- 4 THE MINIMUM DEPTH OF ALL WATER SUPPLY PIPING MEASURED FROM FINISHED GRADE TO THE TOP OF THE PIPE SHALL BE 40".
- 5 DIG, BACKFILL AND COMPACT UTILITY TRENCHES PER SPECIFICATION SECTION 912000.
- 6 ALL COPPER WATER PIPING LOCATED UNDERGROUND SHALL BE INSULATED WITH 1" THICK FLEXIBLE ELASTOMERIC INSULATION.



YARD HYDRANT DETAIL
SCALE: NONE

A:\Jobs\1007 Taylorsville Truckstop\Drawings\Plumbing\101.dwg Oct 21, 2024 7:10:05 am

Certified by:



Fosse & Associates Architects, Inc.
201 NW Fourth St. Suite 100 - Evansville, IN 47708
Phone: (812) 424-8300 Fax: (812) 424-8307
E-mail: fosse@fosse-arch.com

B. C. Engineering, Inc.
Mechanical & Electrical Engineering
501 Carpenter Street
Evansville, IN 47708
Phone: (812) 424-7941
Fax: (812) 424-7942
www.being.com

PUBLIC WORKS PROJECT NO. 03003001-24-025-C1
TAYLORSVILLE SB TRUCK PARKING
TAYLORSVILLE, INDIANA



Revisions:

Project Number: 03003001-24-025-C1

Requisition Number:

Account Number:

Designer: SEP 2024

Drafter: Drawing Scale:

DAPW Approval:

Client Approval:

Reference Number: 1385N

Building Reference: ST

Drawing Number: P101

Sheet: 12 of 16

SCHEDULE OF EXHAUST FANS																			
ELEVATION: T91 FEET																			
SYMBOL	MANUFACTURER	MODEL	SIZE	TYPE	CFM	ESP IN-WG	TSP IN-WG	DRIVE	DRIVE LOSS %	RPM	BHP	HP	FLA	MCA	MOP	ELECTRICAL	MAX SONES	MOUNTING	NOTES
EF-1	GREENECK	50	120-V6	CENTRIFUGAL INLINE	1000	0.5	0.645	DIRECT	-	1394	0.22	1/2	3.8	5.0	15.0	208V, 60HZ, 1Ø	15 / 5.8	INLINE	L 2

NOTES:

- SONES LISTED ARE INLET AND RADIATED RESPECTIVELY.
- PROVIDE WITH:
 - MOTOR - VARI-GREEN EG MOTOR
 - CONTROL - VARI-GREEN DIAL ON EXTERIOR OF FAN HOUSING, MOUNTED AND WIRED
 - MOTOR ENCLOSURE - ODP
 - UL 125 LISTED - "POWHER VENTILATORS"
 - JUNCTION BOX MOUNTED AND WIRED
 - SWITCH, NEHA-1, TOSGLE
 - ALUMINUM WHEEL MATERIAL
 - MOTOR COVER
 - INLET GUARD

PRESSURE DROP (IN-WG)	
COMPONENT	EF-1
EXTERNAL	0.50
INLET GUARD	0.143
DAMPER	0.052
TOTAL	0.645

SCHEDULE OF AUTOMATIC CONTROL DAMPERS										
SYSTEM	SERVICE	MANUFACTURER	MODEL	SIZE	DAMPER TYPE	CFM	ACTUATOR TYPE	ACTUATOR ACTION	FAIL	NOTES
L-2	INTAKE	GREENECK	VCD-23	48"x16"	OPPOSED BLADE	1000	SPRING RETURN	THØ POSITION	CLOSED	L 2
EF-1	EXHAUST	GREENECK	VCD-23	16"x16"	OPPOSED BLADE	1000	SPRING RETURN	THØ POSITION	CLOSED	L 2

NOTES:

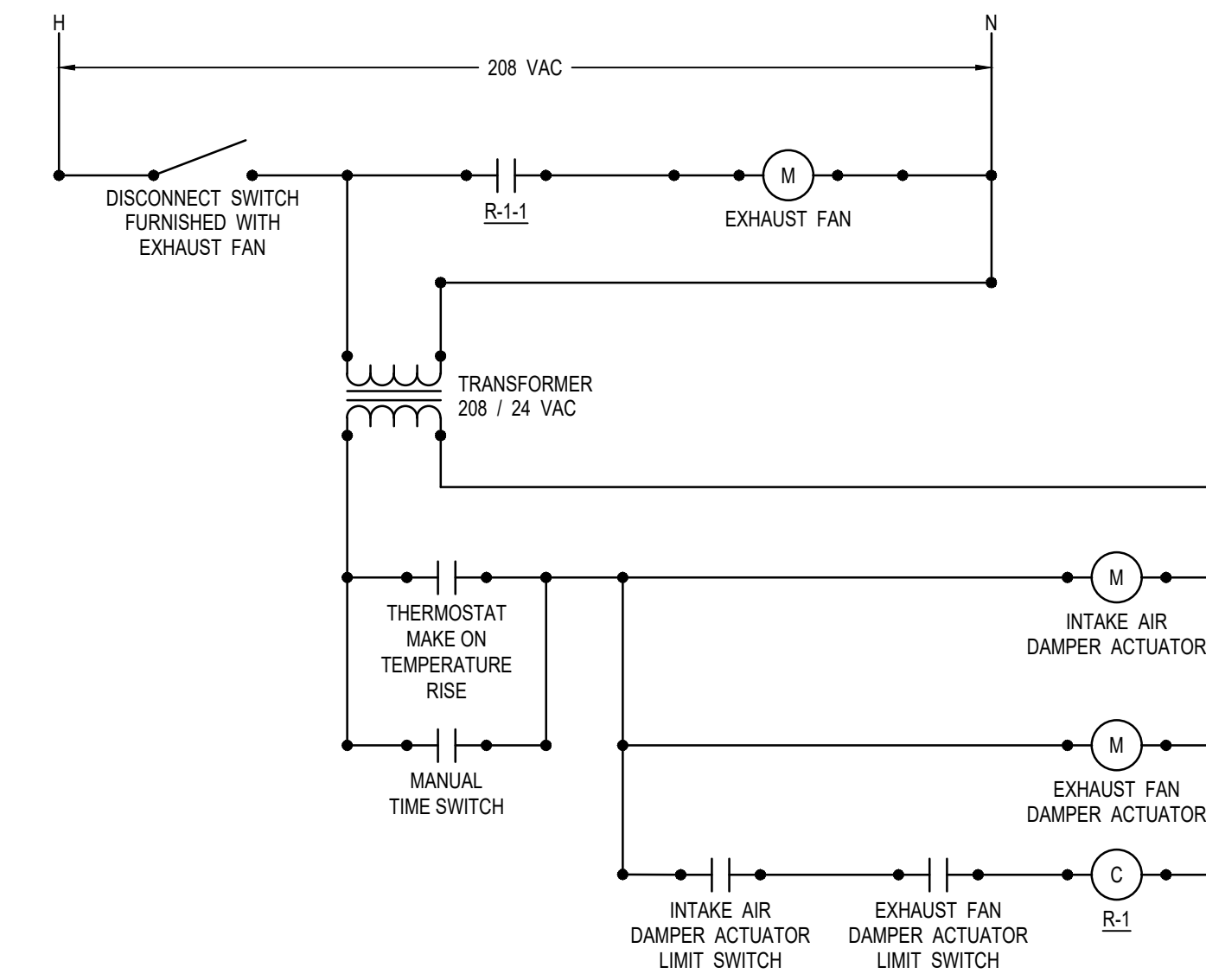
- MAXIMUM LEAKAGE SHALL BE 3.0 CFM/SF @ 1.0 IN-WG WHEN TESTED IN ACCORDANCE WITH AMCA STANDARD 500.
- PROVIDE WITH 24VAC DIRECT MOUNT ACTUATOR WITH LIMIT SWITCH.

GENERAL TEMPERATURE CONTROL NOTES:

- PROVIDE ALL LABOR AND MATERIAL AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM THAT PERFORMS THE INDICATED SEQUENCES OF OPERATION.
- THE TEMPERATURE CONTROL SUBMITTALS SHALL INCLUDE AT MINIMUM:
 - WIRING DIAGRAMS WITH ALL TERMINATIONS LABELED
 - SEQUENCES OF OPERATION
 - BILL OF MATERIALS
- LIST ON THE TEMPERATURE CONTROL SUBMITTALS ANY DIFFERENCES BETWEEN THE PROPOSED TEMPERATURE CONTROL SYSTEM (INCLUDING SEQUENCES OF OPERATION) AND THE SYSTEM SPECIFIED. LIST THE REASON(S) FOR DIFFERING FROM THE SPECIFICATIONS.
- COORDINATE ALL CONTROL INTERFACES TO EQUIPMENT WITH THE EQUIPMENT MANUFACTURER / SUPPLIER.
- ALL FIELD WIRING INSTALLED IN EQUIPMENT CONTROL PANELS, MOTOR STARTERS, ETC. SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. LOW VOLTAGE WIRING (30VAC AND LESS) SHALL BE BUNDLED TOGETHER WHERE POSSIBLE. HIGH VOLTAGE WIRING (GREATER THAN 30VAC) SHALL BE BUNDLED TOGETHER WHERE POSSIBLE.
- ALL CABLES AND WIRING SHALL BE NUMBERED AT BOTH ENDS.
- PROVIDE POWER TO ANY CONTROL DEVICES REQUIRING POWER. CONNECT TO SPARE BREAKER IN NEAREST ELECTRICAL PANEL.
- AT ALL CONTROL DEVICES REQUIRING 120VAC POWER, PROVIDE A LABEL INDICATING SOURCE OF POWER (I.E. PANEL AND CIRCUIT NUMBER).
- MOUNT AND / OR WIRE ALL CONTROL DEVICES NOT FACTORY MOUNTED AND / OR WIRED.
- THE CENTER OF ALL THERMOSTATS SHALL BE THE SAME ELEVATION AS THE LIGHT SWITCHES.
- ALL CONDUIT LOCATED INSIDE THE BUILDING SHALL BE CONCEALED UNLESS INDICATED OTHERWISE (I.E. IN WALLS AND BELOW FLOORS).
- EXPOSED CONDUIT SHALL ONLY BE ALLOWED IN THE FOLLOWING LOCATIONS:
 - ROOF STRUCTURE
- ALL WIRING SHALL BE INSTALLED IN EMT CONDUIT WITH COMPRESSION FITTINGS UNLESS INDICATED OTHERWISE.
- LOW VOLTAGE WIRING (LESS THAN 30VAC) AND HIGH VOLTAGE WIRING (GREATER THAN 30VAC) SHALL BE RAN IN SEPARATE CONDUITS.
- ALL WIRING SHALL BE INSTALLED PER THE CURRENT NATIONAL ELECTRIC CODE.

SYSTEM TEMPERATURE CONTROL REQUIREMENTS:

- EXHAUST FAN (EF-1):
 - PROVIDE A 0-60 MINUTE WITHOUT HOLD TIME SWITCH, MARKSTIME (KEL) 43503C
 - THE EXHAUST FAN SHALL BE ENABLED MANUALLY.
 - PROVIDE A JOHNSON CONTROLS, INC. MODEL T265-18 THERMOSTAT WITH EXPOSED ADJUSTMENT.
 - UPON A RISE IN SPACE TEMPERATURE ABOVE SETPOINT, THE EXHAUST FAN SHALL BE ENABLED.
 - WHEN THE EXHAUST FAN IS ENABLED, THE OUTSIDE AIR INTAKE DAMPER ACTUATOR AND EXHAUST FAN DAMPER ACTUATOR SHALL BE ENERGIZED. THE DAMPERS SHALL OPEN. WHEN BOTH DAMPERS ARE FULLY OPEN, THE LIMIT SWITCHES SHALL MAKE AND START THE EXHAUST FAN.
 - UPON A DROP IN SPACE TEMPERATURE BELOW SETPOINT, THE EXHAUST FAN SHALL BE DISABLED.
 - WHEN THE EXHAUST FAN IS DISABLED, THE INTAKE AND EXHAUST AIR DAMPERS SHALL CLOSE.



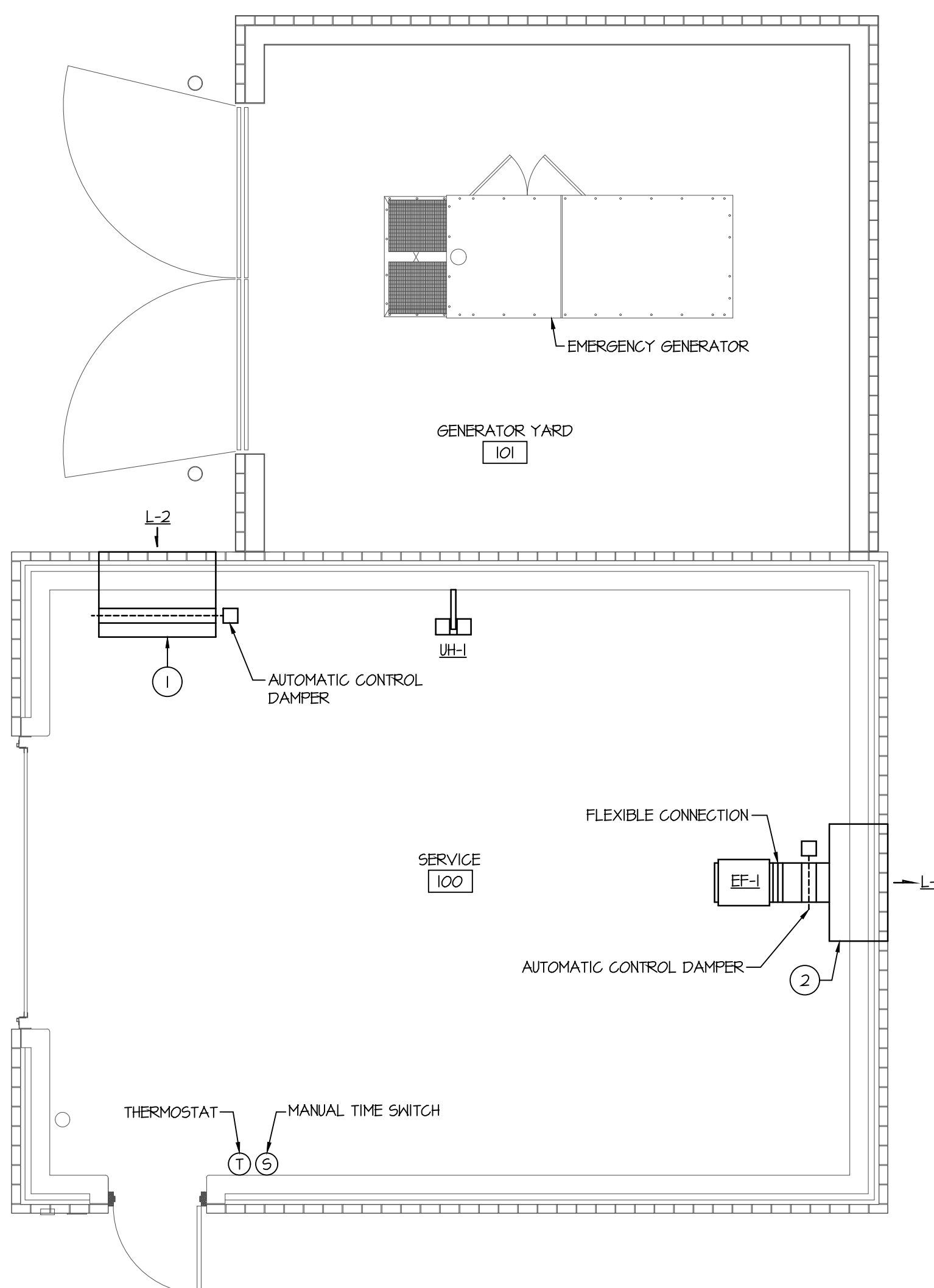
EXHAUST FAN EF-1 WIRING DIAGRAM
SCALE: NONE

HVAC PLAN NOTES:

- DUCT OPEN ON END. PROVIDE 1/2"x1/2" WIRE MESH ON END OF DUCT.
- 24" LONG SHEET METAL FLENUM.

GENERAL HVAC NOTES:

- DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF DUCTWORK, EQUIPMENT, ETC. DO NOT SCALE THE DRAWINGS. THE EXACT LOCATION AND / OR ROUTING OF DUCTWORK, EQUIPMENT, ETC. UNLESS SPECIFICALLY DIMENSIONED ON THE DRAWINGS, SHALL BE DETERMINED IN THE FIELD. MAKE REASONABLE MODIFICATIONS IN THE INSTALLATION SO ALL DUCTWORK, EQUIPMENT, ETC. FIT PROPERLY AND CAN BE SERVICED.
- HVAC EQUIPMENT AND INSTALLATION SHALL CONFORM TO THE LATEST EDITION OF THE:
 - STATE BUILDING CODE
 - STATE PLUMBING CODE
 - STATE MECHANICAL CODE
 - STATE FIRE CODE
 - STATE ENERGY CODE
 - NATIONAL ELECTRIC CODE
 - APPLICABLE OSHA AND NFPA STANDARDS
 - COUNTY AND CITY BUILDING REGULATIONS AND CODES
- PROVIDE ADDITIONAL OFFSETS IN DUCTWORK AS REQUIRED TO AVOID INTERFERENCE WITH STRUCTURE, ELECTRICAL, ETC.
- MOUNT AND / OR WIRE ALL EQUIPMENT DEVICES NOT FACTORY MOUNTED AND / OR WIRED.
- ALL DUCTWORK SHALL BE SEALED PER REQUIREMENTS OF ASHRAE STANDARD 90.1-2007.
- DO NOT ROUTE ANY DUCTWORK OVER ELECTRICAL PANELS, DISCONNECTS, ETC. COORDINATE WITH DIVISION 26 CONTRACTOR. ANY DUCTWORK ROUTED OVER ELECTRICAL PANELS, DISCONNECTS, ETC. SHALL BE RELOCATED BY THE CONTRACTOR AT NO ADDITIONAL COST.
- AT ALL EXPOSED DUCT PENETRATIONS THROUGH WALLS, PROVIDE A SHEET METAL FLANGE AROUND DUCT TO COVER ANY GAP BETWEEN DUCT AND OPENING.
- PROVIDE ANY MISCELLANEOUS STEEL AS REQUIRED TO ATTACH EQUIPMENT TO STRUCTURE.
- CONNECT DUCTWORK TO THE FOLLOWING EQUIPMENT WITH FLEXIBLE CONNECTORS.
 - EXHAUST FAN (EF-1)
- ALL EQUIPMENT SHALL BE INSTALLED PER NEC REQUIREMENTS AND TO ALLOW FOR CODE REQUIRED CLEARANCES AND MANUFACTURER'S RECOMMENDED CLEARANCES.
- CAULK JOINT BETWEEN BACKDRAFT DAMPER / CONTROL DAMPER FRAME AND DUCT AIR TIGHT.
- PROVIDE LINTELS / BOND BEAMS AT ALL MASONRY WALL OPENINGS. SEE ARCHITECTURAL AND / OR STRUCTURAL DRAWINGS FOR DETAILS.



HVAC PLAN
SCALE: 1/4" = 1'-0"

SCHEDULE OF LOUVERS									
SYMBOL	MANUFACTURER	SERVICE	MODEL	SIZE	CFM	APD IN-WG	FREE AREA SF	FREE AREA VELOCITY FPM	NOTES
L-1	GREENECK	EXHAUST	ESD-403	48"x16"	1000	0.024	2.25	444	1, 2, 3
L-2	GREENECK	INTAKE	ESD-403	48"x16"	1000	0.034	2.25	444	1, 2, 3

NOTES:

- PROVIDE WITH:
 - ALUMINUM BIRDSCREEN (SAME COLOR AS LOUVER)
 - 10 YEAR FINISH WARRANTY
- FINISH SHALL BE 2 COAT 10% KYNAR / 100% FLUOROPOLYMER. COLOR SHALL BE SELECTED BY ARCHITECT. COLOR SHALL BE CUSTOM COLOR.
- APPROVED EQUALS:
 - RUSKIN
 - CESCO
 - CARNES

SCHEDULE OF ELECTRIC UNIT HEATERS						
SYMBOL	MANUFACTURER	SERIES	KW	AMPS	ELECTRICAL	NOTES
UH-1	MARKEL	5100	2.5	6.9	208V, 60HZ, 3Ø	1

NOTES:

- PROVIDE WITH:
 - POWER DISCONNECT SWITCH
 - INTEGRAL THERMOSTAT
 - WALL MOUNTING BRACKET

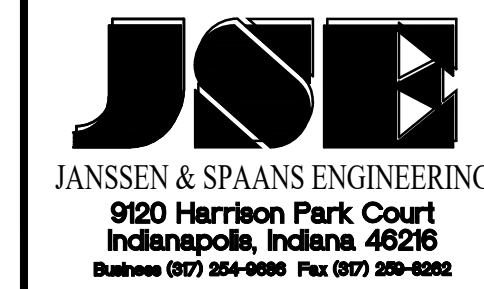
BUILDING COMMISSIONING

- THE COMMISSIONING AUTHORITY SHALL BE SELECTED BY THE OWNER. THE COMMISSIONING AUTHORITY SHALL BE PAID BY THE CONTRACTOR FROM THE SPECIFIED ALLOWANCE. SEE SPECIFICATIONS.
- THE OPERATION OF THE FOLLOWING EQUIPMENT / CONTROLS SHALL BE VERIFIED USING THE COMMISSIONING PROCESS (CxP). THE CxP SHALL BE LEAD BY THE COMMISSIONING AUTHORITY (CxA).
 - EXHAUST FAN (EF-1) / INTAKE AIR DAMPER
 - UNIT HEATER (UH)
- THE OPERATION OF THE EQUIPMENT / CONTROLS SHALL BE DEMONSTRATED BY THE CONTRACTOR AND / OR EQUIPMENT REPRESENTATIVE. UNLESS THE CONTRACT DOCUMENTS SPECIFICALLY REQUIRE DEMONSTRATION BY AN EQUIPMENT REPRESENTATIVE, THE CONTRACTOR MAY DEMONSTRATE OPERATION. THE PERSON DEMONSTRATING OPERATION OF THE EQUIPMENT / CONTROLS SHALL HAVE FULL WORKING KNOWLEDGE OF THE EQUIPMENT / CONTROLS THAT HE / SHE IS DEMONSTRATING.
- PRIOR TO COMMISSIONING, THE CONTRACTOR / EQUIPMENT REPRESENTATIVE SHALL VERIFY OPERATION OF ALL EQUIPMENT / CONTROLS. WHEN ALL EQUIPMENT / CONTROLS ARE OPERATING PER THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE CxA THAT COMMISSIONING MAY BEGIN.
- THE CxA RESPONSIBILITIES SHALL BE AS FOLLOWS:
 - CREATE FUNCTIONAL PERFORMANCE TEST (FPT) PROTOCOLS TO VERIFY OPERATION OF ALL EQUIPMENT / CONTROLS. THESE PROCEDURES SHALL BE DEVELOPED BASED UPON ALL CONTRACT DOCUMENTATION INCLUDING DRAWINGS, SPECIFICATIONS, REQUEST FOR INFORMATION (RFI) AND ARCHITECT'S SUPPLEMENTAL INFORMATION (ASI).
 - REVIEW FPT WITH THE ENGINEER AND THE PERSON RESPONSIBLE FOR DEMONSTRATING OPERATION OF THE EQUIPMENT / CONTROLS FOR COMPLETENESS AND OPERABILITY. UPON ACCEPTANCE BY ALL PARTIES, THE FINAL FPT DOCUMENTATION SHALL BE DISTRIBUTED TO THE CONTRACTOR / EQUIPMENT REPRESENTATIVE FOR SUPPORT OF THEIR INSTALLATION AND CHECKOUT ACTIVITIES.
 - DIRECT THE EXECUTION OF FPT TESTING BY THE CONTRACTOR / EQUIPMENT REPRESENTATIVE.
 - GENERATE AND MAINTAIN AN ISSUES AND BENEFITS LOG TO IDENTIFY ALL DEFICIENCIES AND TRACK THEIR REMEDIATION.
- THE CONTRACTOR / EQUIPMENT REPRESENTATIVE RESPONSIBILITIES SHALL BE AS FOLLOWS:
 - PARTICIPATE IN ENGINEERING REVIEW OF FPT WITH CxA AND ENGINEER.
 - EXECUTE IN THE PRESENCE OF THE CxA THE FUNCTIONAL PERFORMANCE TESTING OF THE EQUIPMENT / CONTROLS. ALL SEQUENCES OF OPERATION SHALL BE DEMONSTRATED TO THE CxA.
- IF ANY EQUIPMENT / CONTROLS FAIL TO PERFORM PER THE CONTRACT DOCUMENTS, THE CONTRACTOR / EQUIPMENT REPRESENTATIVE SHALL MAKE CORRECTIONS AS REQUIRED. THE CONTRACTOR / EQUIPMENT REPRESENTATIVE SHALL AGAIN DEMONSTRATE THE PREVIOUSLY "FAILED" EQUIPMENT / CONTROLS TO THE CxA. THE CONTRACTOR / EQUIPMENT REPRESENTATIVE SHALL CONTINUE TO MAKE CORRECTIONS AND DEMONSTRATE OPERATION TO THE CxA UNTIL THE EQUIPMENT / CONTROLS OPERATE PER THE CONTRACT DOCUMENTS.
- PRIOR TO THE START OF ANY COMMISSIONING, ALL CONTRACTORS AND EQUIPMENT REPRESENTATIVES DEMONSTRATING OPERATION OF THE EQUIPMENT / CONTROLS SHALL MEET TOGETHER WITH THE CxA TO ESTABLISH A SCHEDULE FOR PERFORMING ALL COMMISSIONING. THE SCHEDULE SHALL INCLUDE THE TOTAL NUMBER OF DAYS REQUIRED TO COMPLETE THE COMMISSIONING, THE NUMBER OF CONSECUTIVE DAYS REQUIRED, AND THE NUMBER OF NON-CONSECUTIVE DAYS REQUIRED. ALL PARTIES INVOLVED SHALL AGREE TO THE SCHEDULE.
- IF THE CONTRACTOR / EQUIPMENT REPRESENTATIVE CAN NOT DEMONSTRATE COMPLIANCE WITH THE CONTRACT DOCUMENTS IN THE TIME AGREED TO IN THE SCHEDULE, THROUGH NO FAULT OF THE CxA, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REIMBURSING THE CxA FOR ALL ADDITIONAL EXPENSES INCURRED INCLUDING TIME, TRAVEL, LODGING, ETC.
- ALL COMMISSIONING SHALL BE COMPLETE PRIOR TO THE CONTRACTOR REQUESTING A PUNCH LIST BY THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE A LIFT AND LADDER FOR USE BY THE CxA DURING THE FUNCTIONAL PERFORMANCE TESTING. COORDINATE REQUIREMENTS WITH THE COMMISSIONING AUTHORITY.

SEISMIC RESTRAINTS AND VIBRATION ISOLATION

- ALL HVAC AND ELECTRICAL EQUIPMENT, DUCTWORK, CONDUIT, ETC. SHALL BE RESTRAINED TO RESIST SEISMIC FORCES. RESTRAINTS SHALL MAINTAIN EQUIPMENT, DUCTWORK, CONDUIT, ETC. IN A CAPTIVE POSITION. RESTRAINT DEVICES SHALL BE DESIGNED AND SELECTED TO MEET THE SEISMIC REQUIREMENTS AS DEFINED IN THE LATEST ISSUE OF THE INDIANA BUILDING CODE AND / OR LOCAL JURISDICTION BUILDING CODE.
- PROVIDE CALCULATIONS TO DETERMINE RESTRAINT LOADS RESULTING FROM SEISMIC FORCES PRESENTED IN THE LATEST EDITION OF THE LOCAL BUILDING CODE AND / OR INDIANA BUILDING CODE. SEISMIC CALCULATIONS SHALL BE CERTIFIED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF INDIANA AND IN THE DIRECT EMPLOY OF THE SEISMIC EQUIPMENT MANUFACTURER.
- CALCULATIONS MUST SHOW THE ENTIRE LOAD PATH FROM THE EQUIPMENT TO THE BUILDING STRUCTURE AND INDICATE THE METHOD OF ATTACHMENT OF THE EQUIPMENT TO THE SEISMIC RESTRAINT AND THE SEISMIC RESTRAINT TO THE BUILDING STRUCTURE.
- ALL DUCTWORK, CONDUIT, EQUIPMENT, ETC. REQUIRING SEISMIC RESTRAINTS SHALL BE INSTALLED SUPPORTED, BRACED, ETC. PER THE SEISMIC SUPPLIER'S INSTRUCTIONS.
- INSTALLATION INSTRUCTIONS MUST BE SUBMITTED TO THE ENGINEER PRIOR TO THE INSTALLATION OF THE EQUIPMENT, DUCTWORK, CONDUIT, ETC.
- SEISMIC DESIGN CATEGORY = D
- THE IMPORTANCE FACTOR $I_p = 1.0$.
- THE SEISMIC SUPPLIER SHALL BE ONE OF THE FOLLOWING:
 - KINETICS
 - MASON INDUSTRIES
- THE CONTRACTOR SHALL PROVIDE ANY MISCELLANEOUS STEEL OR WOOD REQUIRED FOR MOUNTING THE EQUIPMENT AND SEISMIC RESTRAINTS TO THE STRUCTURE.
- A REPRESENTATIVE OF THE SEISMIC SUPPLIER SHALL VISIT THE JOB SITE AS WORK PROGRESSES TO VERIFY THAT ALL SEISMIC RESTRAINTS ARE INSTALLED PER CODE REQUIREMENTS AND SEISMIC SUPPLIER INSTALLATION INSTRUCTIONS. THE REPRESENTATIVE SHALL PROVIDE A WRITTEN REPORT TO THE ENGINEER AND CONTRACTOR OF ANY DEFICIENCIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND REPRESENTATIVE WHEN ALL DEFICIENCIES HAVE BEEN CORRECTED. THE REPRESENTATIVE SHALL VERIFY THAT ALL DEFICIENCIES HAVE BEEN CORRECTED. AT THE COMPLETION OF THE PROJECT, THE REPRESENTATIVE SHALL PROVIDE TO THE ENGINEER, A WRITTEN CERTIFICATION THAT ALL SEISMIC RESTRAINTS ARE INSTALLED AS REQUIRED BY CODE AND SEISMIC SUPPLIER INSTRUCTIONS.
- THE SEISMIC SUPPLIER ASSUMES ALL RESPONSIBILITY FOR DETERMINING THE EQUIPMENT, PIPING, DUCTWORK, CONDUIT, ETC. THAT REQUIRES CALCULATIONS AND SEISMIC RESTRAINTS.
- UNLESS DETERMINED BY THE SEISMIC SUPPLIER THAT CALCULATIONS AND SEISMIC RESTRAINTS ARE NOT REQUIRED, PROVIDE SEISMIC RESTRAINTS AND CALCULATIONS FOR THE FOLLOWING EQUIPMENT. IF ANY OF THE FOLLOWING EQUIPMENT DOES NOT REQUIRE CALCULATIONS OR SEISMIC RESTRAINTS, THE SEISMIC SUPPLIER SHALL LIST ON THE SEISMIC SUBMITTALS ANY THE EQUIPMENT IS EXEMPT FROM CALCULATIONS AND SEISMIC RESTRAINTS. PROVIDE SEISMIC RESTRAINTS AND CALCULATIONS FOR ANY ADDITIONAL EQUIPMENT NOT LISTED THAT REQUIRES CALCULATIONS AND SEISMIC RESTRAINTS.
 - EXHAUST FAN
 - UNIT HEATER
- THE FOLLOWING EQUIPMENT SHALL BE SUSPENDED FROM THE STRUCTURE WITH VIBRATION ISOLATORS:
 - EXHAUST FAN
- THE SEISMIC SUPPLIER SHALL PROVIDE A COPY OF THESE REQUIREMENTS WITH THE SEISMIC SUBMITTALS. THE SEISMIC ENGINEER SHALL SIGN THE COPY INDICATING THAT HE / SHE HAS READ ALL REQUIREMENTS. SUBMITTALS WITHOUT THIS SIGNED COPY WILL BE REJECTED.

Certified by:



Fosse & Associates Architects, Inc.
301 W. Fourth St. Suite 100 - Evansville, IN 47708
Phone: (812) 424-0318 - Fax: (812) 424-0377
E-mail: fossa@fosse-arch.com

B. C. Engineering, Inc.
Mechanical & Electrical Engineering
501 Carpenter Street
Evansville, IN 47708
Phone: (812) 424-7941
Fax: (812) 424-7942
www.bcomg.com

PUBLIC WORKS PROJECT NO. 03003001-24-025-C1
TAYLORSVILLE SB TRUCK PARKING
TAYLORSVILLE, INDIANA



Revisions:

Project Number: 03003001-24-025-C1

Requisition Number:

Account Number:

Designer: Drawing Date: SEP 2024

Drafter: Drawing Scale:

DAPW Approval:

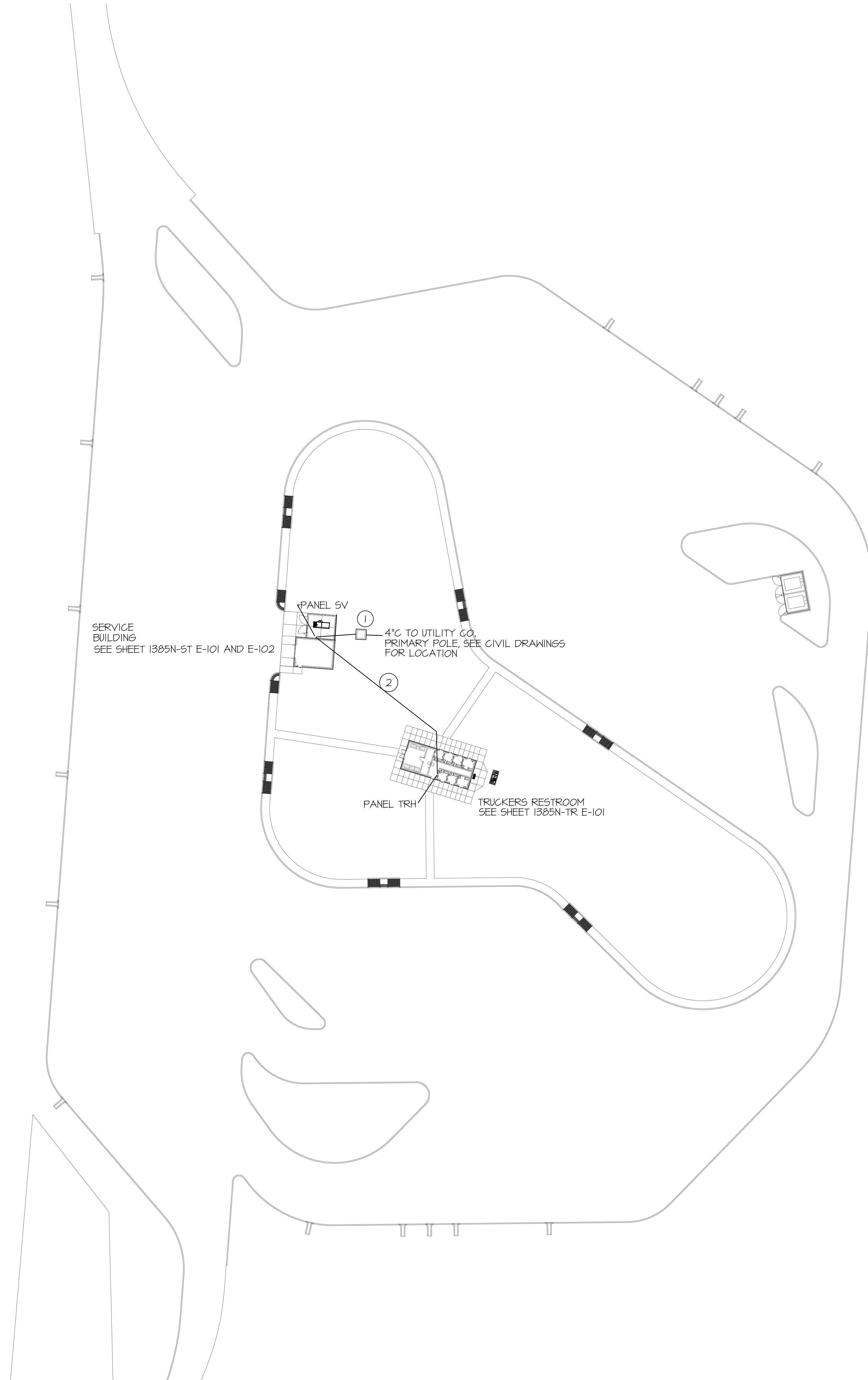
Client Approval:

Reference Number: 1385N

Building Reference: ST

Drawing Number: M101

Sheet: 13 of 16



GENERAL PLAN NOTES:

1. REFERENCE CIVIL DRAWINGS FOR SITE LIGHTING PANEL, SITE LIGHTING FIXTURES, SITE LIGHTING CIRCUITRY, ITS SYSTEM CONTROL PANELS AND ITS SYSTEM CIRCUITRY SPECIFICATIONS AND REQUIREMENTS.

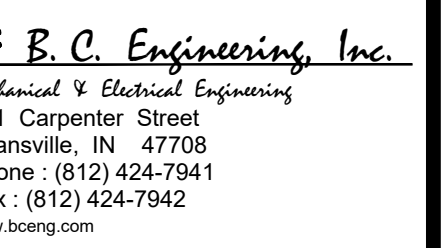
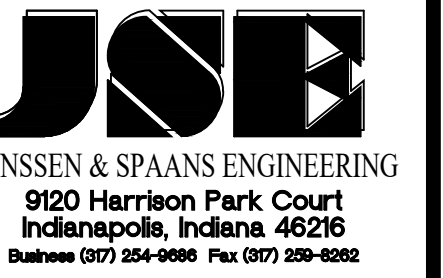
PLAN NOTES:

- ① UTILITY PAD MOUNTED TRANSFORMER AND CT METERING, SEE ONE LINE DIAGRAM SHEET 1362N-ST E-102. CONTRACTOR SHALL FURNISH AND INSTALL CONCRETE PAD, PRIMARY CONDUIT, AND METERING CONDUIT BASED ON UTILITY COMPANY REQUIREMENTS, COORDINATE WITH UTILITY. CONTRACTOR TO FURNISH AND INSTALL ALL SECONDARY CONDUIT AND CONDUCTORS. SEE CIVIL SITE PLAN FOR UTILITY PRIMARY POLE LOCATION.
- ② ELECTRICAL FEEDER TO TRUCKERS RESTROOM, SEE SHEET 1385N-ST E-102 ONE LINE DIAGRAM AND SHEET 1385N-TR E-101 ONE LINE DIAGRAM.

ELECTRICAL SITE PLAN
SCALE: 1" = 40'-0"

E:\Jobs\1001 Taylorville Truckers Restroom\Taylorville E100\1001.dwg Oct 21, 2024 9:51:21 am

Certified by:



PUBLIC WORKS PROJECT NO. 03003001-24-025-C1
TAYLORSVILLE SB TRUCK PARKING
TAYLORSVILLE, INDIANA



Revisions:

Project Number: 03004001-24-026-D1

Requisition Number:

Account Number:

Designer: BGC Drawing Date: 10/31/2024

Drafter: BGC Drawing Scale:

DAPW Approval:

Client Approval:

Reference Number: 1385N

Building Reference: ST

Drawing Number: E100

Sheet: 14 of 16

GENERAL NOTES:

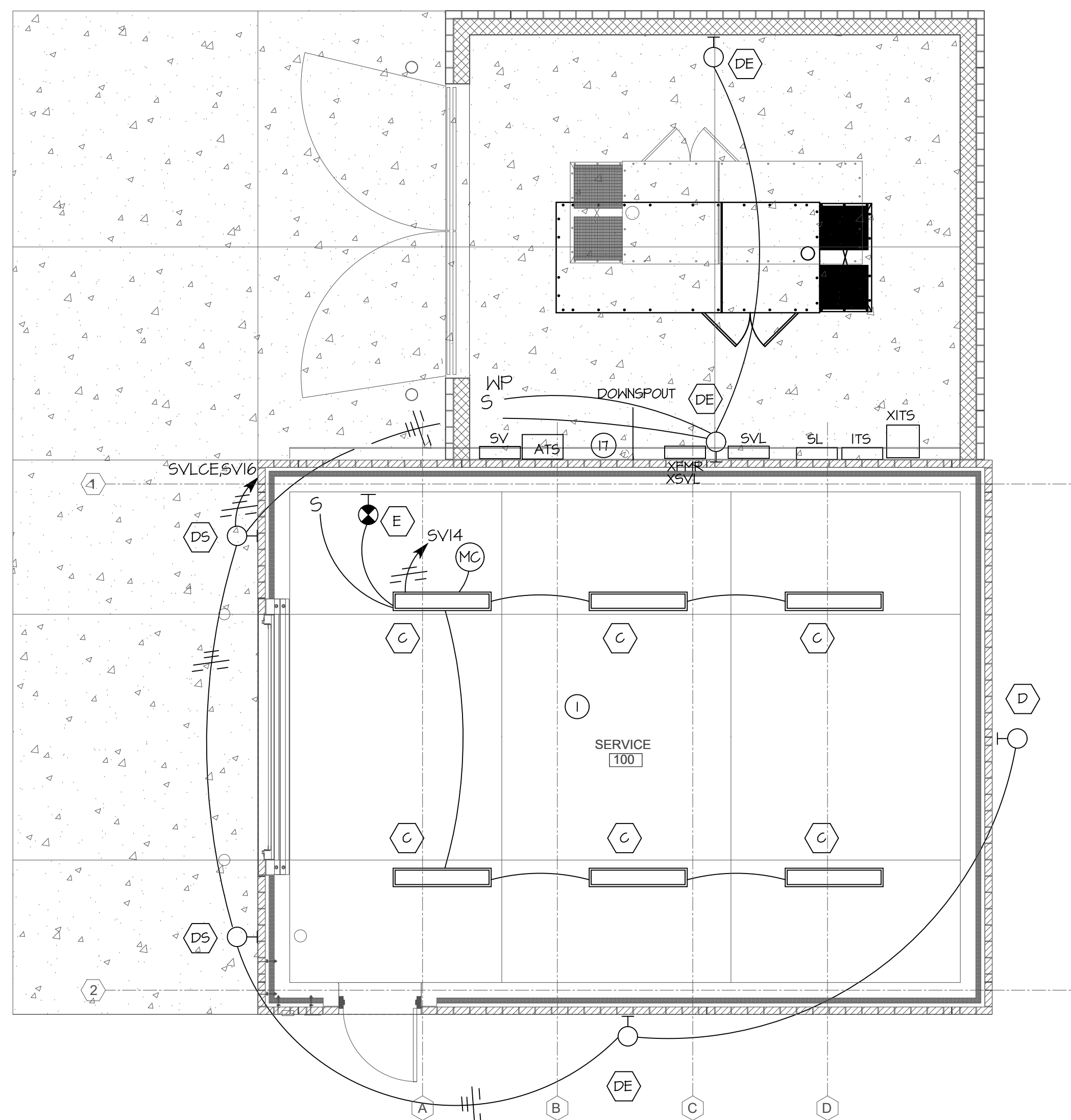
- 1 ALL ELECTRICAL CONDUITS IN ALL AREAS SHALL BE CONCEALED IN WALLS OR UNDERGROUND, NO EXCEPTIONS, UNLESS NOTED BELOW.
EXPOSED CONDUIT SHALL ONLY BE ALLOWED AT THE ROOF STRUCTURE (NOT ON WALLS) IN AREAS WITH OPEN CEILINGS, HOWEVER CONDUIT SHALL BE CONCEALED IN STRUCTURE.
- 2 ALL RECEPTACLES, WIREMOLD, DISCONNECT SWITCHES, CONTROL PANELS AND ALL OTHER ELECTRICAL EQUIPMENT SHALL BE LABELED PER SPECIFICATIONS, WITH LABEL INDICATING POWER SOURCE PANEL AND CIRCUIT BREAKER NUMBER.
- 3 BASED ON ROUTING OF CONDUITS, ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR UPSIZING BRANCH CIRCUIT WIRING AS REQUIRED TO LIMIT VOLTAGE DROP TO 3%.
- 4 FURNISH AND INSTALL NON FUSED DISCONNECT SWITCH ON ALL HVAC AND OTHER EQUIPMENT NOT PROVIDED WITH DISCONNECT SWITCH FROM FACTORY.
- 5 ALL UNDERGROUND CONDUITS IN BUILDING SHALL BE LOCATED BENEATH THE DRAINAGE LAYER, NOT WITHIN THE DRAINAGE LAYER.
- 6 ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL OUTLET BOXES FOR ALL HVAC THERMOSTATS WITH 3/4" FROM OUTLET BOX TO CEILING CAVITY. SEE MECHANICAL SHEETS FOR LOCATIONS, MOUNTING HEIGHT SHALL MATCH TOGGLE SWITCH MOUNTING HEIGHT.
- 7 ELECTRICAL WIRING DEVICES LOCATED ADJACENT TO ONE ANOTHER SHALL BE ALIGNED AND MOUNTED AT SAME ELEVATION.

POWER AND SYSTEMS PLAN NOTES:

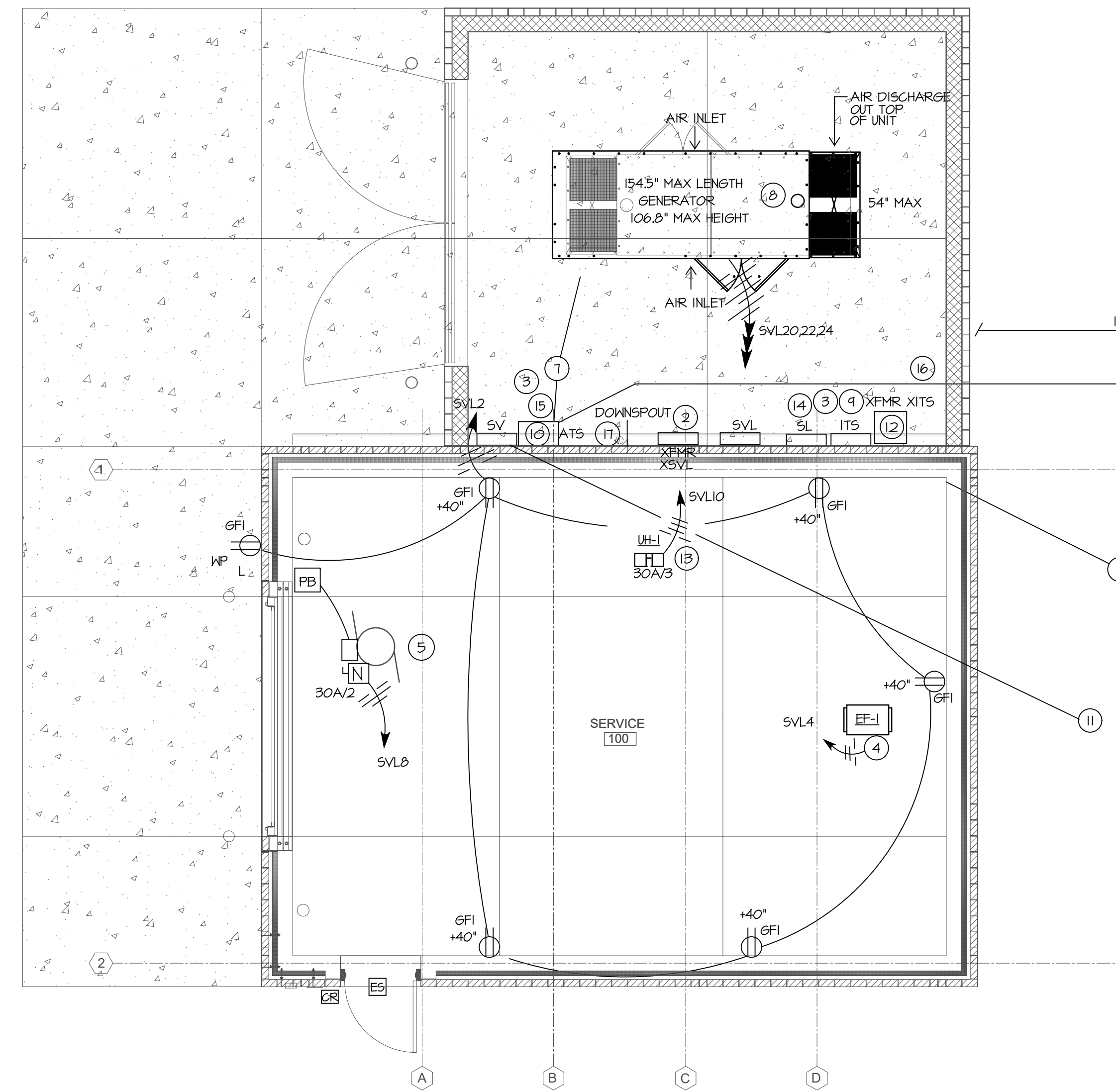
- 1 UTILITY PAD MOUNTED TRANSFORMER AND CT METERING, SEE ONE LINE DIAGRAM SHEET 1362N-ST E-102. CONTRACTOR SHALL FURNISH AND INSTALL CONCRETE PAD, PRIMARY CONDUIT, 2 HOLE SPADES AND METERING CONDUIT BASED ON UTILITY COMPANY REQUIREMENTS, COORDINATE WITH UTILITY. CONTRACTOR TO FURNISH AND INSTALL ALL SECONDARY CONDUIT AND CONDUCTORS. SEE CIVIL SITE PLAN FOR UTILITY PRIMARY POLE LOCATION.
- 2 30KVA, 480V 3Ø PRIMARY, 120/208V, 3Ø OUTPUT TRANSFORMER AND PANELBOARD SVL.
- 3 CONTRACTOR SHALL LABEL ALL PANELS, ETC., PER SPECIFICATIONS WITH ARC FLASH HAZARD PPE REQUIREMENTS INCLUDING CLOTHING TYPE AND DISTANCE REQUIREMENTS BASED ON ARC FLASH STUDY. PROVIDE LABELING AS REQUIRED. ALL ELECTRICAL EQUIPMENT SHALL BE NEHA 3R AS REQUIRED TO LIMIT VOLTAGE DROP TO 3%.
- 4 EXHAUST FAN 1/2 HP, 208V, 1Ø. MECHANICAL TO PROVIDE POWER RELAY DISCONNECT SWITCH AND ALL CONTROL WIRING ASSOCIATED WITH FAN OPERATION.
- 5 OVERHEAD DOOR OPERATOR, ELECTRICAL CONTRACTOR SHALL INSTALL PUSHBUTTON STATION FURNISHED WITH UNIT AND WIRE ALL POWER, SAFETIES AND CONTROLS ASSOCIATED WITH DOOR OPERATOR PER MANUFACTURERS RECOMMENDATIONS.
- 6 2% TO SITE FOR SYSTEMS/FUTURE DATA CABLINGS, PROVIDE PULL STRINGS AND TRACER WIRE, SEE CIVIL DRAWINGS.
- 7 EMERGENCY GENERATOR TO ATS FEED, SEE ONE LINE DIAGRAM SHEET 1362N-ST E-102.
- 8 175KVA, 277/480V, 3Ø, 4W GENERATOR, MAXIMUM GENERATOR DIMENSIONS INDICATED. EMERGENCY GENERATOR AND BASE MOUNTED FUEL TANK ON REINFORCED CONCRETE PAD, SIZE PAD PER GENERATOR/TANK DIMENSIONS. PAD SHALL EXTEND 12" BEYOND GENERATOR/TANK FOOTPRINT AND SHALL LEVEL GENERATOR. FURNISH AND INSTALL BRANCH CIRCUITS AS REQUIRED FROM HEREIN TO GENERATOR ACCESSORIES AS REQUIRED. PROVIDE CONTROL CONDUIT/WIRING BETWEEN GENERATOR AND TRANSFER SWITCH AS REQUIRED BY MANUFACTURER.
- 9 LOCATION FOR 175" SYSTEM 37.5 KVA TRANSFORMER AND 200A PANEL 175", SEE ONE LINE DIAGRAM SHEET 1362N-ST E102. LOCATION FEEDER SIZES AND SPECIFICATIONS FOR 175" CONTROL PANELS LOCATED ON SITE ARE INDICATED ON CIVIL SHEETS.
- 10 300A SERVICE ENTRANCE RATED AUTOMATIC TRANSFER SWITCH "ATS" FURNISH AND INSTALL ALL WIRING BETWEEN GENERATOR AND TRANSFER SWITCH AS REQUIRED.
- 11 FEEDER TO TRUCKERS RESTROOM, SEE TR E101 AND ST E102 ONE LINE.
- 12 175" SYSTEM TRANSFORMER, 37.5KVA, 480V, 1Ø PRIMARY, 120/240V, 1Ø SECONDARY
- 13 UNIT HEATER, 3.3KW, 208V, 3Ø WITH FACTORY DISCONNECT SWITCH.
- 14 SITE LIGHTING CONTROL PANEL, SEE CIVIL SHEETS FOR SITE LIGHTING AND SPECIFICATIONS. SEE ST E102 FOR FEEDER TO SITE LIGHTING PANEL.
- 15 GENERATOR E STOP
- 16 UTILITY TO ATS FEED, SEE ONE LINE DIAGRAM SHEET 1362N-ST E-102.
- 17 ALL CONDUITS TO PANELS, ETC., SHALL BE UNDERGROUND TO SERVICE BUILDING AND TO SITE, DO NOT ROUTE CONDUITS UP OUTSIDE WALL.

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
○	CEILING OUTLET AND LED, QUARTZ, OR H.I.D. LIGHTING FIXTURE AS SCHEDULED.
⊕	HALL OUTLET AND COMPACT FLUORESCENT, QUARTZ, OR H.I.D. LIGHTING FIXTURE AS SCHEDULED.
□	CEILING OUTLET AND FLUORESCENT LIGHTING FIXTURE AS SCHEDULED.
⊕	EMERGENCY BATTERY PACK.
⊕	HALL MOUNTED SINGLE FACED EMERGENCY EXIT LIGHT FIXTURE WITH DIRECTIONAL ARROWS AS SHOWN ON DRAWINGS, MOUNT AT 7'-4" A.F.F. TO BOTTOM, UNLESS NOTED OTHERWISE.
⊕	SYMBOL INDICATES FIXTURE TYPE WHEN SHOWN ON LIGHTING PLANS ADJACENT TO FIXTURE.
S	SINGLE POLE 20A SWITCH, MOUNT 40" A.F.F. TO BOTTOM, UNLESS OTHERWISE NOTED.
S ₃	THREE WAY 20A SWITCH, 4 = 4 WAY, K = KEY, P = PILOT, H = MOMENTARY CONTACT, MOUNT 40" A.F.F. TO BOTTOM, UNLESS OTHERWISE NOTED.
abc	LOWER CASE LETTERS AT OUTLETS INDICATE SWITCHING ARRANGEMENT.
□ LG	LIGHTING CONTACTOR, MOUNT AT 4'-0" A.F.F. TO TOP, UNLESS NOTED OTHERWISE.
⊕	GROUND
⊕	PHASE
⊕	NEUTRAL
⊕	CIRCUIT CONCEALED IN CEILING, FLOOR OR WALL. CROSSBARS INDICATE NUMBER OF CONDUCTORS REQUIRED, CONDUIT NOT SIZED 1/2" INCH, CONDUCTORS NOT SIZED ARE NO. 12, MINIMUM CIRCUIT: ONE HOT, ONE NEUTRAL, ONE GROUND CONDUCTOR.
⊕	CEILING MOUNTED DUAL TECHNOLOGY STANDARD RANGE MOTION SENSOR, SENSOR SWITCH MODEL CMR-PDT-4, CONNECT AHEAD OF SWITCHING TO ENABLE SWITCHING, ADJUST SENSOR TO PROVIDE MAXIMUM MOTION SENSING IN ROOM.
⊕	HOMERUN TO PANELBOARD INDICATED, NUMBER OF ARROWHEADS INDICATES NUMBER OF CIRCUITS, NUMBERS INDICATES CIRCUIT NUMBER, PREFIX INDICATES PANEL DESIGNATION.
⊕	HALL MOUNTED SWITCH/AGENCY SWITCH, DUAL TECHNOLOGY MOTION SENSOR, SENSOR SWITCH MODEL NO. HSD-PDT-5A-GRAY, MOUNT SWITCH AT 4'-4" A.F.F. TO TOP, UNLESS INDICATED OTHERWISE.
⊕	CEILING MOUNTED DUAL TECHNOLOGY STANDARD RANGE MOTION SENSOR, SENSOR SWITCH MODEL CMR-PDT-4, CONNECT AHEAD OF SWITCHING TO ENABLE SWITCHING, ADJUST SENSOR TO PROVIDE MAXIMUM MOTION SENSING IN ROOM.
⊕	HALL OUTLET WITH 20A, 125V DUPLEX RECEPTACLE, MOUNT 16 INCHES A.F.F. TO BOTTOM, UNLESS NOTED OTHERWISE. GFI INDICATES RECEPTACLE SERVED BY GROUND FAULT CURRENT INTERRUPTER CIRCUIT BREAKER OR GROUND FAULT CURRENT INTERRUPTER RECEPTACLE. "WP" INDICATES WEATHERPROOF COVER. "C" INDICATES RECEPTACLE FOR COMPUTER EQUIPMENT. PROVIDE ORANGE COLORED ISOLATED GROUND RECEPTACLE ROUTE GROUND CONDUCTOR FROM RECEPTACLE DIRECTLY TO SERVICE GROUND. "L" INDICATES LOCKABLE COVER.
⊕	HALL OUTLET WITH 20A, 125V DUPLEX RECEPTACLE, MOUNT HORIZONTALLY 6 INCHES ABOVE COUNTER OR ABOVE COUNTER BACKSPLASH TO BOTTOM, UNLESS NOTED OTHERWISE. GFI INDICATES RECEPTACLE SERVED BY GROUND FAULT CURRENT INTERRUPTER CIRCUIT BREAKER.
⊕	HALL OUTLET WITH 20A, 125V DOUBLE DUPLEX (QUADRAPLEX) RECEPTACLE, MOUNT 16 INCHES A.F.F. TO BOTTOM, UNLESS NOTED OTHERWISE.
⊕	CEILING OR FLOOR MOUNTED JUNCTION BOX.
⊕	MANUAL MOTOR CONTROLLER TO SUIT MOTOR. "P" INDICATES PILOT LIGHT, MOUNT 44" A.F.F. TO TOP, UNLESS NOTED OTHERWISE.
⊕	MOTOR.
⊕	CIRCUIT BREAKER
⊕	NON-FUSED DISCONNECT SWITCH, MOUNT AT 4'-6" A.F.F. TO TOP, UNLESS NOTED OTHERWISE.
⊕	FUSIBLE DISCONNECT SWITCH, MOUNT AT 4'-6" A.F.F. TO TOP, UNLESS NOTED OTHERWISE.



ELECTRICAL LIGHTING PLAN
SCALE: 1/4" = 1'-0"



ELECTRICAL POWER AND SYSTEMS PLAN
SCALE: 1/4" = 1'-0"

Certified by:

JOE
JANSSEN & SPAANS ENGINEERING
9120 Harrison Park Court
Indianapolis, Indiana 46216
Phone: (317) 554-9999 Fax: (317) 554-9992

Fosse & Associates
Architects, Inc.
301 NW Fourth St. Suite 100 - Evansville, IN 47708
Phone: (812) 424-9200 - Fax: (812) 424-9207
Email: fosse@fosse-arch.com

B.C. Engineering, Inc.
Mechanical & Electrical Engineering
501 Carpenter Street
Evansville, IN 47708
Phone: (812) 424-7941
Fax: (812) 424-7942
www.bce.com

PUBLIC WORKS PROJECT NO. 03003001-24-025-C1
TAYLORSVILLE SB TRUCK PARKING
TAYLORSVILLE, INDIANA



Revisions:

Project Number:	03004001-24-026-D1
Requisition Number:	
Account Number:	
Designer:	BGC
Drawing Date:	10/31/2024
Drafter:	BGC
Drawing Scale:	
Client Approval:	
Reference Number:	1385N
Building Reference:	ST
Drawing Number:	E101
Sheet:	15 of 16

SERVICE BUILDING LIGHTING FIXTURE SCHEDULE

SYMBOL	MANUFACTURER	CATALOG NUMBER	LAMP		VOLT	MOUNTING	FINISH	REMARKS
			TYPE	WATTS				
(C)	LITHONIA	CLX-L48-5000LM-SEF-FDL-MVOLT-40K-80CRI-WH	LED	35	277	CHAIN/SURFACE	--	--
(D)	LITHONIA	D5XWII-LED 100 1000-40K-T3M-MVOLT-THK-DDBXD	LED	34	277	WALL	STANDARD	MOUNT 9'-6" A.F.F. TO BOTTOM.
(DE)	LITHONIA	D5XWII-LED 100 1000-40K-T3M-MVOLT-THK-DDBXD-ELCH	LED	34	277	WALL	STANDARD	MOUNT 9'-6" A.F.F. TO BOTTOM, PROVIDE EMERGENCY BATTERY.
(DS)	LITHONIA	D5XWII-LED 100 530-40K-T3M-MVOLT-THK-DDBXD	LED	14	277	WALL	STANDARD	MOUNT 9'-6" A.F.F. TO BOTTOM.
(E)	LITHONIA	LHGM-LED-W-R-120/277-ELN-SD	LED FURNISHED WITH UNIT		277	WALL	--	MOUNT DIRECTLY ABOVE DOOR.

LIGHTING FIXTURE SCHEDULE GENERAL NOTES:
 ALL LED LAMPS SHALL BE 4000K COLOR TEMPERATURE.
 SHOP DRAWING CUT SHEETS MUST HAVE PHOTOMETRIC DATA
 INCLUDED WITH SUBMITTAL SPECIFIC TO THE FIXTURE SPECIFIED.
 FINISH ON ALL EXTERIOR LIGHTING FIXTURES SHALL MATCH.

PANELBOARD SV

250A, 277/480V, 3Ø, 4W, 22KAIC, NEMA 3R
 250A/3P MAIN CIRCUIT BREAKER

CIRCUIT NO.	DESCRIPTION	SIZE	FEEDER SIZE	CIRCUIT NO.	DESCRIPTION	SIZE	FEEDER SIZE
1	SITE LIGHTING	100A/3	SEE ONE LINE	2	SPARE	20/1	
3	PANEL SL, SEE CIVIL			4	SPARE	20/1	
5				6	SPARE	20/1	
7	ITS PANEL VIA TRANSFORMER	80/2	SEE ONE LINE	8	PANEL SVL	40/3	SEE ONE LINE
11				12			
13				14	LIGHTING	20/1	2#12/126, 1/2"Ø
15				16	EXTERIOR LIGHTING	20/1	2#12/126, 1/2"Ø
17	TRUCKERS RESTROOM	200A3	SEE ONE LINE	18	SPARE	20/1	
19				20	SPARE	20/1	
21				22	SPARE	20/1	
23	SPARE	20/1		24	SPARE	20/1	
25	SPARE	20/1		26	SPARE	20/1	
27	SPARE	20/1		28	SPARE	20/1	
29	SPARE	20/1		30	SPARE	20/1	
31	SPARE	20/1		32	SPARE	20/1	
33	SPARE	20/1		34	SPARE	20/1	
35	SPARE	20/1		36	SPARE	20/1	
37	SPARE	20/1		38	SPARE	20/1	
39	SPARE	20/1		40	SPARE	20/1	
41	SPARE	20/1		42	SPARE	20/1	

PANELBOARD SVL

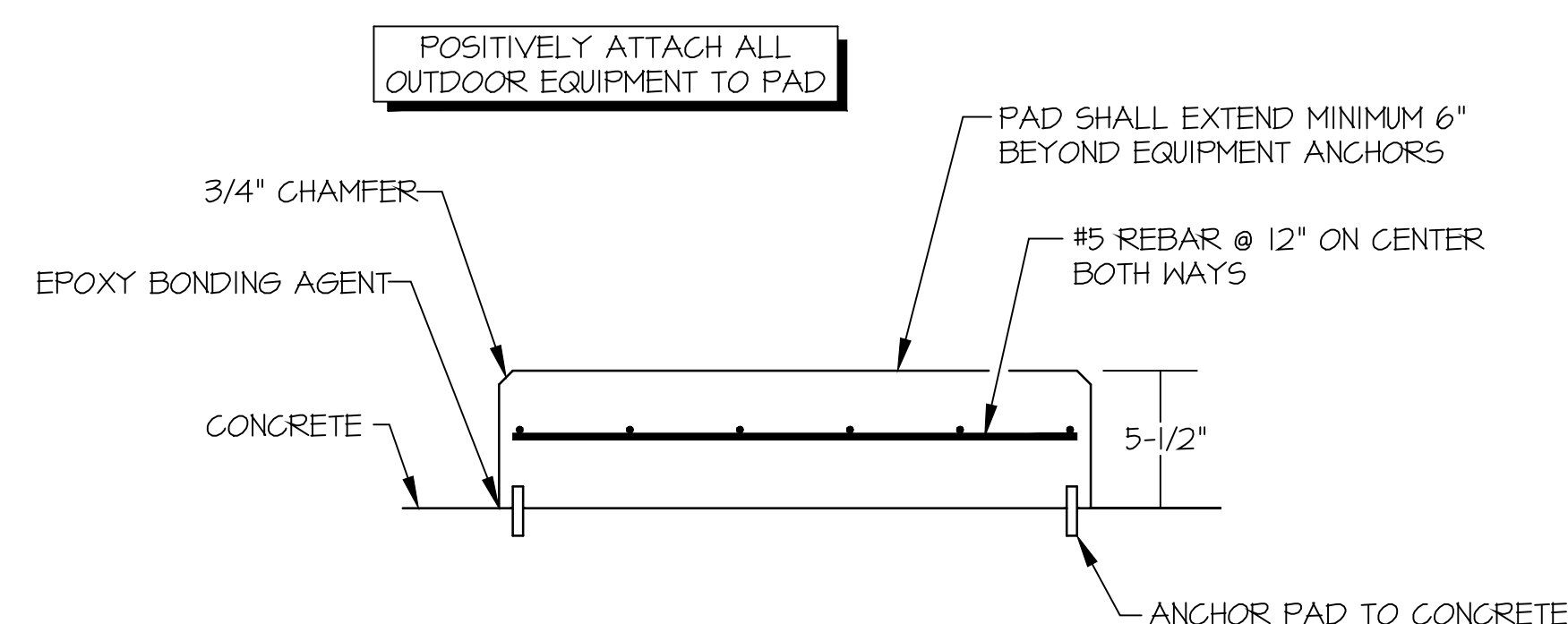
100A, 120/208V, 3Ø, 4W, 22KAIC, NEMA 3R
 80A/3P MAIN CIRCUIT BREAKER

CIRCUIT NO.	DESCRIPTION	SIZE	FEEDER SIZE	CIRCUIT NO.	DESCRIPTION	SIZE	FEEDER SIZE
1	SPARE	20/1		2	RECEPTACLES	20/1	2#12/126, 1/2"Ø
3	SPARE	20/1		4	EXHAUST FAN	20/2	2#12/126, 1/2"Ø
5	SPARE	20/1		6			
7	SPARE	20/1		8	OVERHEAD DOOR	20/1	2#12/126, 1/2"Ø
9	SPARE	20/1		10	UNIT HEATER	15/3	3#12/126, 1/2"Ø
11	SPARE	20/1		12			
13	SPARE	20/1		14			
15	SPARE	20/1		16	SPARE	25/1	
17	SPARE	20/1		18	SPARE	30/1	
19	SPARE	20/1		20	GENERATOR	20/1	2#12/126, 1/2"Ø
21	SPARE	20/1		22	GENERATOR	20/1	2#12/126, 1/2"Ø
23	SPARE	20/1		24	GENERATOR	20/1	2#12/126, 1/2"Ø

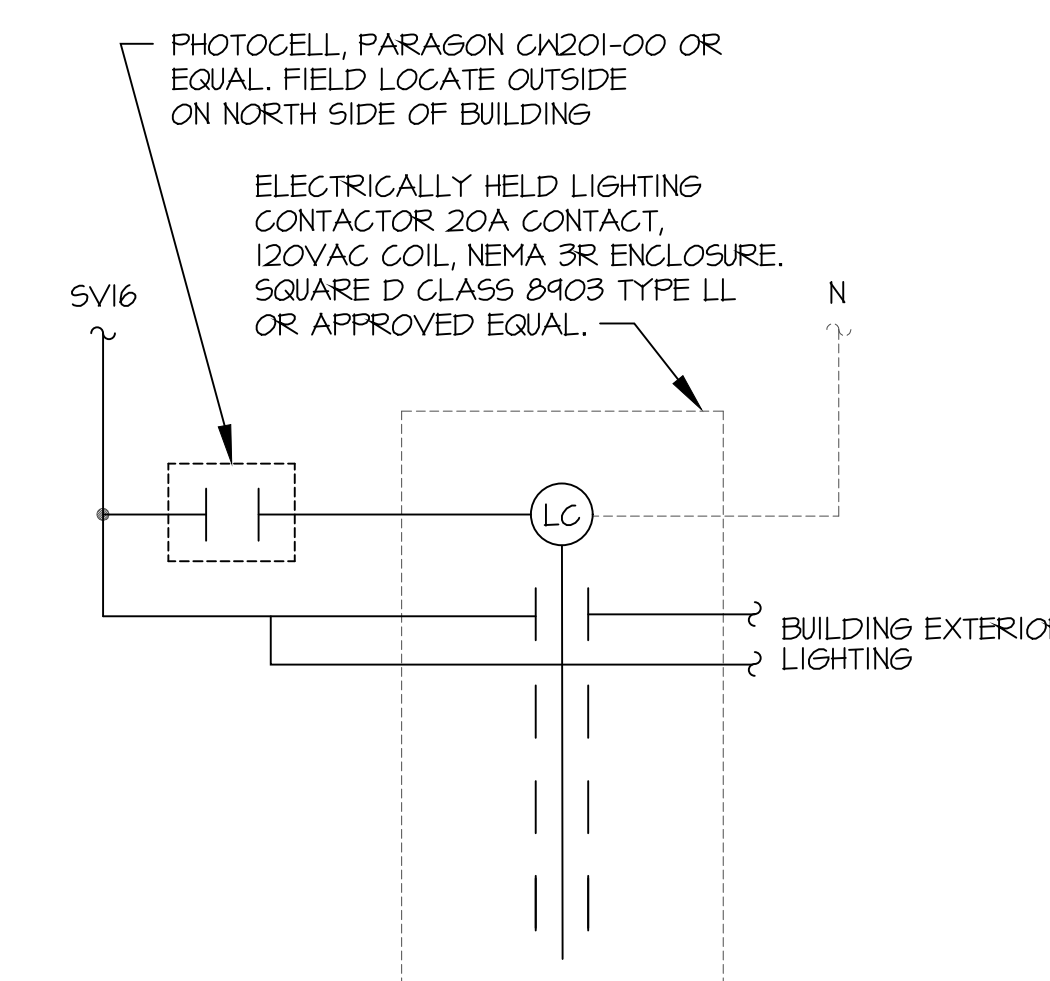
PANELBOARD ITS

200A, 120/240V, 1Ø, 3W, 10KAIC, NEMA 3R
 150A/2P MAIN CIRCUIT BREAKER

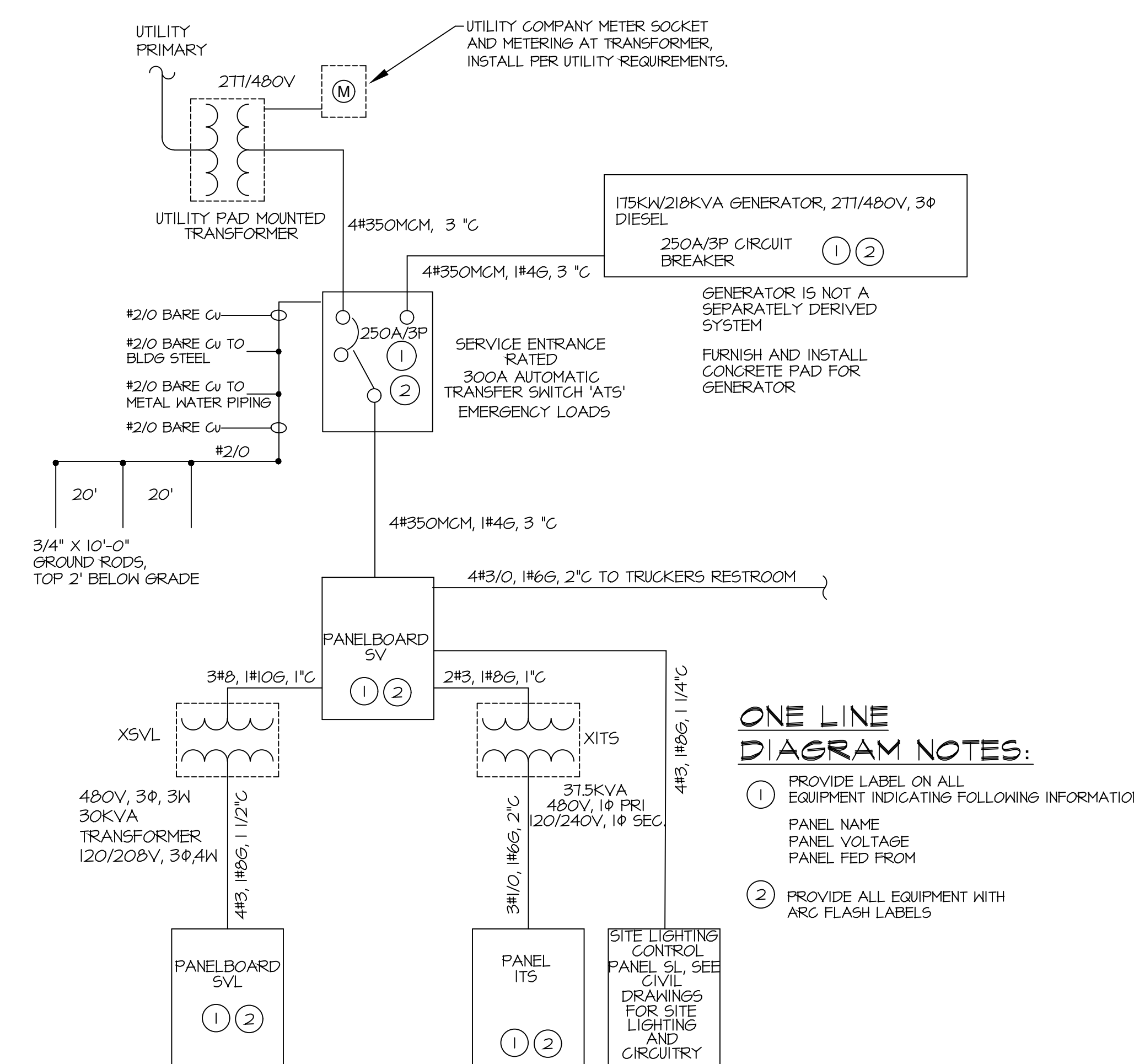
CIRCUIT NO.	DESCRIPTION	SIZE	FEEDER SIZE	CIRCUIT NO.	DESCRIPTION	SIZE	FEEDER SIZE
1	ITS #1	60/2	SEE CIVIL SHEETS	2	ITS #4	60/2	SEE CIVIL SHEETS
3				4			
5	ITS #2	60/2	SEE CIVIL SHEETS	6	SPACE		
7				8			
9	ITS #3	60/2	SEE CIVIL SHEETS	10			
11				12			
13	SPACE			14			
15				16			
17				18			
19				20			
21				22			
23				24			



OUTDOOR CONCRETE PAD DETAIL
 SCALE: NONE



LIGHTING CONTACTOR 'SVLCE'
 CONTROL WIRING DIAGRAM
 N.T.S.



ONE LINE DIAGRAM NOTES:
 1 PROVIDE LABEL ON ALL EQUIPMENT INDICATING FOLLOWING INFORMATION:
 PANEL NAME
 PANEL VOLTAGE
 PANEL FED FROM
 2 PROVIDE ALL EQUIPMENT WITH ARC FLASH LABELS

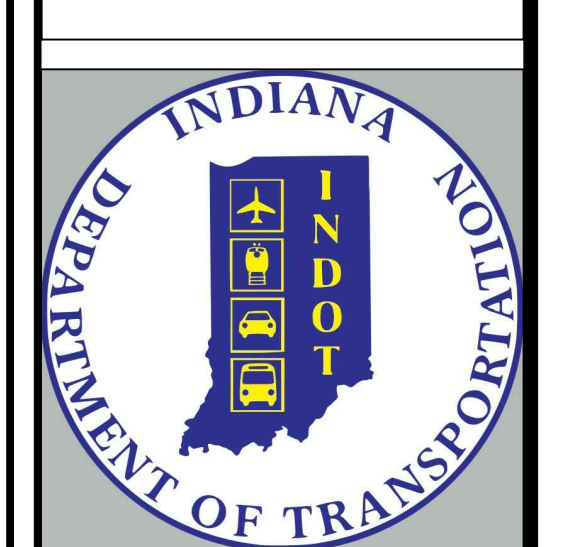
ONE LINE DIAGRAM
 SCALE: NONE

JOE JANSSEN & SPANNS ENGINEERING
 910 Harrison Park Court
 Indianapolis, Indiana 46216
 Phone: (317) 254-9000 Fax: (317) 255-4002

Fosse & Associates Architects, Inc.
 201 NW Fourth St. Suite 100 - Evansville, IN 47708
 Phone: (812) 424-7944 Fax: (812) 424-7944
 Email: fosse@fosse-arch.com

B.C. Engineering, Inc.
 Mechanical & Electrical Engineering
 501 Carpenter Street
 Evansville, IN 47708
 Phone: (812) 424-7944 Fax: (812) 424-7944
 www.bceing.com

PUBLIC WORKS PROJECT NO. 03003001-24-025-C-1
 TAYLORSVILLE SB TRUCK PARKING
 TAYLORSVILLE, INDIANA



Revisions:

Project Number: 03004001-24-026-D1

Requisition Number:

Account Number:

Designer: BGC Drawing Date: 10/31/2024

Drafter: BGC Drawing Scale:

DAPW Approval:

Client Approval:

Reference Number: 1385N

Building Reference: ST

Drawing Number: E102

Sheet: 16 of 16

H:\Jobs\WOOD Taylorsville Trucking\Tables\Drawings\Taylorsville ST E101 ST E102 SERVICE BUILDING NORTH.dwg Oct 21, 2024 9:52:19 am