GENERAL REQUIREMENTS:

1. FURNISH ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO COMPLETE THE WORK SHOWN IN THE THESE DRAWINGS.
2. WHERE CONSTRUCTION DETAILS ARE NOT SHOWN OR NOTED SUCH DETAILS SHALL BE THE SAME OR SIMILAR WORK AS SHOWN ON THE DRAWINGS.
3. NOTES AND DETAILS ON THE DRAWINGS TAKE PRIORITY OVER GENERAL NOTES AND TYPICAL DETAILS IN CASE OF CONFLICT.
4. LOCATED AND PROTECT UNDERGROUND OR CONCEALED CONDUIT. PLUMBING OR OTHER UTILITIES WHERE NEW WORK IS BEING PERFORMED.
5. THESE DRAWINGS REPRESENT THE FINISHED STRUCTURE AND DO NOT INCLUDE METHODS, PR OR SEQUENCE OF CONSTRUCTION.
6. THE CONTRACTOR IS RESPONSIBLE TO TAKE NECESSARY PRECAUTIONS TO MAINTAIN AND EXISTING STRUCTURES DURING CONSTRUCTION.
7. THE DESIGN STRESSES SHALL NOT BE EXCEEDED DURING CONSTRUCTION BASED ON THE AGE OF EACH ELEMENT. NEITHER THE OWNER, ARCHITECT OR ENGINEER WILL ENFORCE SAFETY MEASURES AND REGULATIONS. CONTRACTOR SHALL DESIGN, CONSTRUCT AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING AND BRACING FOR THE NEW AND ANY EXISTING STRUCTURES AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFE AND HEALTH STANDARDS, LAWS AND REGULATIONS.
8. THE CONTRACTOR SHALL REVIEW AND COMPARE THE STRUCTURAL DRAWINGS WITH ALL OTHER CONSTRUCTION DOCUMENTS AND SPECS. THIS INCLUDES DIMENSIONS, ELEVATIONS AND ALL NOTES, REPORT, IN WRITING, ANY INCONSISTENCIES, ERRORS OR OMISSIONS TO THE ARCHITECT AND/OR ENGINEER OF RECORD BEFORE PROCEEDING WITH ANY WORK.
9. THERE MUST BE PRIOR WRITTEN APPROVAL FOR ANY CHANGE REQUESTS MADE TO THESE DRAWINGS.
10. ALL EXISTING CONSTRUCTION ARE SHOWN FOR SCHEMATIC PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ACTUAL CONDITIONS AND ALLOW THEM IN THE BID. NOTIFY THE ENGINEER OF RECORD IN WRITING ANY DISCREPANCY BETWEEN ACTUAL CONDITIONS AND WHAT IS SHOWN ON THE STRUCTURAL DRAWINGS BEFORE PROCEEDING WITH ANY WORK.
11. SEE ARCHITECTURAL AND MEP DRAWINGS FOR ANY EMBEDDED OBJECTS.
12. ALL COMMUNICATION MUST BE IN WRITING. NO VERBAL COMMUNICATION, DECISIONS, INSTRUCTIONS OR APPROVALS SHALL BE VALID.

INSPECTION:

1. THE OWNER SHALL HIRE ONE OR MORE QUALIFIED INSPECTORS TO PROVIDE PROFESSIONAL INSPECTIONS DURING CONSTRUCTION IN ACCORDANCE WITH SECTION 1701 OF THE LOCAL INTERNATIONAL BUILDING CODES (IBC). THE INSPECTOR SHALL BE CERTIFIED BY THE BUILDING OFFICIAL TO PERFORM THE TYPE OF INSPECTION REQUIRED. INSPECTION SHALL BE REQUIRED FOR:
   A. FOUNDATION EXCAVATION
   B. REINFORCEMENT PLACEMENT PRIOR TO CLOSING THE FORMS AS WELL AS CONCRETE PLACEMENT AND DELIVERY.
   C. BOLTS INSTALLED IN CONCRETE AND MASONRY PRIOR TO AND DURING THE PLACEMENT OF CONCRETE AROUND BOLTS.
   D. DIAPHRAGMS AND SCREW INSPECTION FOR ALL ROOFING
   E. HIGH STRENGTH BOLTING
   F. STRUCTURAL ALUMINUM
   G. FIELD WELDING

FASTENERS AND CONNECTIONS :

1. ALL FASTENERS SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S APPROVED PRODUCT EVALUATION REPORT (ICC APPROVAL).
2. SCREWS:
   A. ALL SCREWS SHALL BE A MINIMUM SIZE OF #8 UNLESS OTHERWISE SPECIFIED. ALL SCREWS SHALL BE CORROSION RESISTANT AND SHALL BE SPACED SUCH THAT THE MINIMUM CENTER-TO-CENTER OR EDGE DISTANCE OF THE SCREW DIAMETER IS MAINTAINED. SELF DRILLING TAP SCREWS SHALL CONFORM TO SAE-J78. A MINIMUM OF THREE EXPOSED THREADS SHALL EXTEND THROUGH THE SUPPORTING ALUMINUM MEMBER. SCREWS SHALL PENETRATE INDIVIDUAL COMPONENTS SUCH THAT THE THREADS OR HOLES ARE NOT STRIPPED. HEAD STYLES, THREADS AND POINT TYPES SHALL BE SELECTED BASED ON APPLICATION, CONDITIONS AND MANUFACTURER'S RECOMMENDATIONS.
   B. SCREW DIAMETER SIZE GUIDELINES BASED ON THE TOTAL THICKNESS OF THE ALUMINUM.

SCREW SIZE	DIAMETER	TOTAL THICKNESS OF ALUM. (INCHES)
#5	0.138	0.138
#8	0.164	0.164
#10	0.190	0.190
#12	0.216	0.216
#14	0.250	0.250

FOR SI: 1"=25.4MM

   C. GREATER THICKNESS' ARE POSSIBLE, CONSULT SCREW MANUFACTURER.
   D. SELF-DRILLING TAPPING SCREWS ARE REQUIRED WHEN TOTAL THICKNESS OF ALUMINUM EXCEEDS 0.033 INCHES.
   E. SHARP POINT SCREWS ARE ACCEPTABLE FOR STEEL THICKNESS' OF 0.033 INCHES (0.84 MM) OR LESS.

3. BOLTS SHALL MEET OR EXCEED THE REQUIREMENTS OF ASTM F593 (STAINLESS STEEL). BOLTS SHALL BE INSTALLED WITH NUTS AND WASHERS. CENTER TO CENTER SPACING OF BOLT HOLES, CONNECTING SHEET METAL MATERIAL TO CONCRETE, SHALL BE A MINIMUM OF THREE BOLT DIAMETERS. DISTANCE FROM THE CENTER OF THE BOLT HOLD TO THE EDGE OF THE CONNECTING MEMBER SHALL NOT BE LESS THAN 1 1/2" BOLT DIAMETER. BOLT HOLE DIAMETER SHALL NOT EXCEED THE BOLT DIAMETER BY MORE THAN 1/16 INCH.
4. USING PNEUMATICALLY DRIVEN PINS TO ATTACH FLOOR, ROOF AND WALL SHEATHING ARE ALLOWED, PROVIDED:
   C. PIN DIAMETER SHALL BE 0.10 INCH OR MORE.
   D. PINS SHALL PENETRATE THE STEEL FRAMING A MINIMUM OF INCH.
   E. MINIMUM DISTANCE BETWEEN PINS AND PANEL EDGES SHALL BE 3/8" INCH.
   F. USE ADHESIVE BETWEEN SHEATHING AND JOISTS.
   G. SUBMIT MANUFACTURE'S DESIGN VALUES FOR APPROVAL TO THE ENGINEER OR RECORD.

MATERIAL				
ITEM	SIZE	THICKNESS	ALLOY	COLOR/FINISH
COLUMN	12" X 12"	0.250	6063-T6	CLEAR ANODIZED
COLUMN	4" X 12"	0.250	6063-T6	CLEAR ANODIZED
TOP RAIL (2" X 12")	2" X 12"	0.188	6063-T6	CLEAR ANODIZED
LOUVER (2" X 8" TUBE)	2" X 8"	0.125	6063-T6	CLEAR ANODIZED
TUBE	3" X 3"	0.125	6063-T6	CLEAR ANODIZED
TUBE	4" X 4"	0.250	6063-T6	CLEAR ANODIZED
TUBE	4" X 8"	0.250	6063-T6	CLEAR ANODIZED
PLATE	VARIES	0.500	6061-T6511	CLEAR ANODIZED
CHANNEL	1.5" X 1.5"	0.125	6063-T6	MILL FINISH
PIERS	24" DIA.		2500 PSI CONCRETE	

DESIGN CRITERIA:

CODE: **2021 IBC**

SITE CRITERIA

WIND SPEED: 100 MPH
RISK CATEGORY: I
EXPOSURE: B

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SCREENING WALL

COMMERCIAL SITE
LOCATION WITHHELD

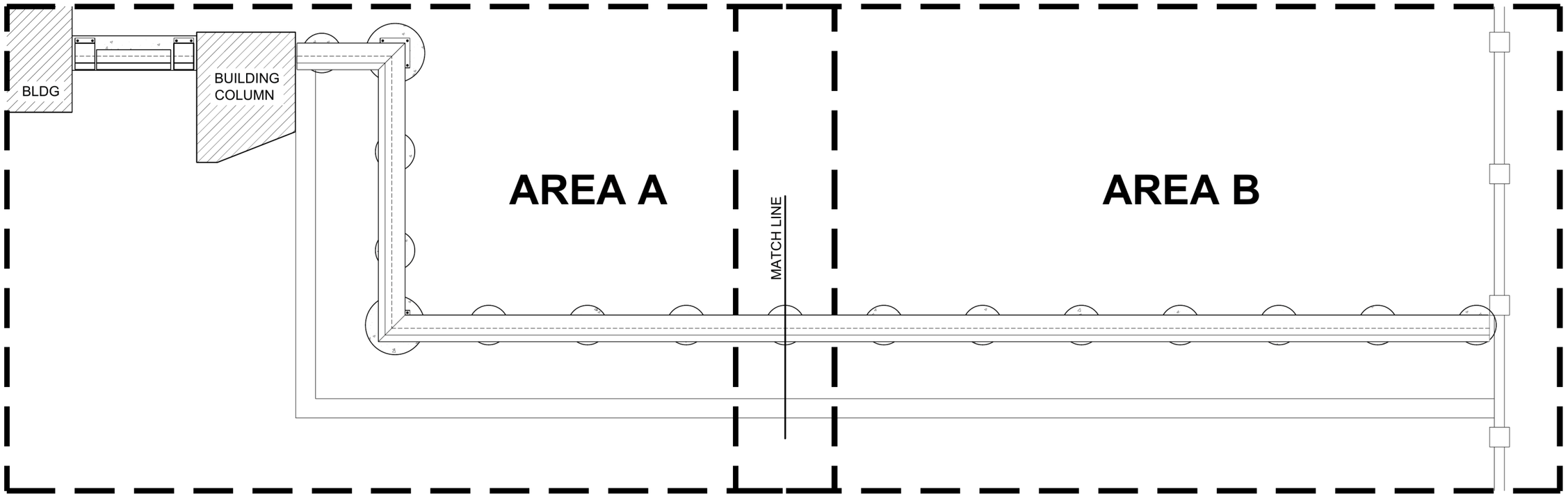
DRAFTING SAMPLE
NOT FOR
CONSTRUCTION

Portfolio copy. Client, project and location information removed. Engineering and seal by others.

PROJECT:
SCREENING WALL

DATE:	SCALE:
2026	N.T.S.
DRAWN BY:	SHEET SIZE:
TLK	11 x 17

SHEET NO.
1
COVER SHEET



KEY PLAN

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LOCATION WITHHELD

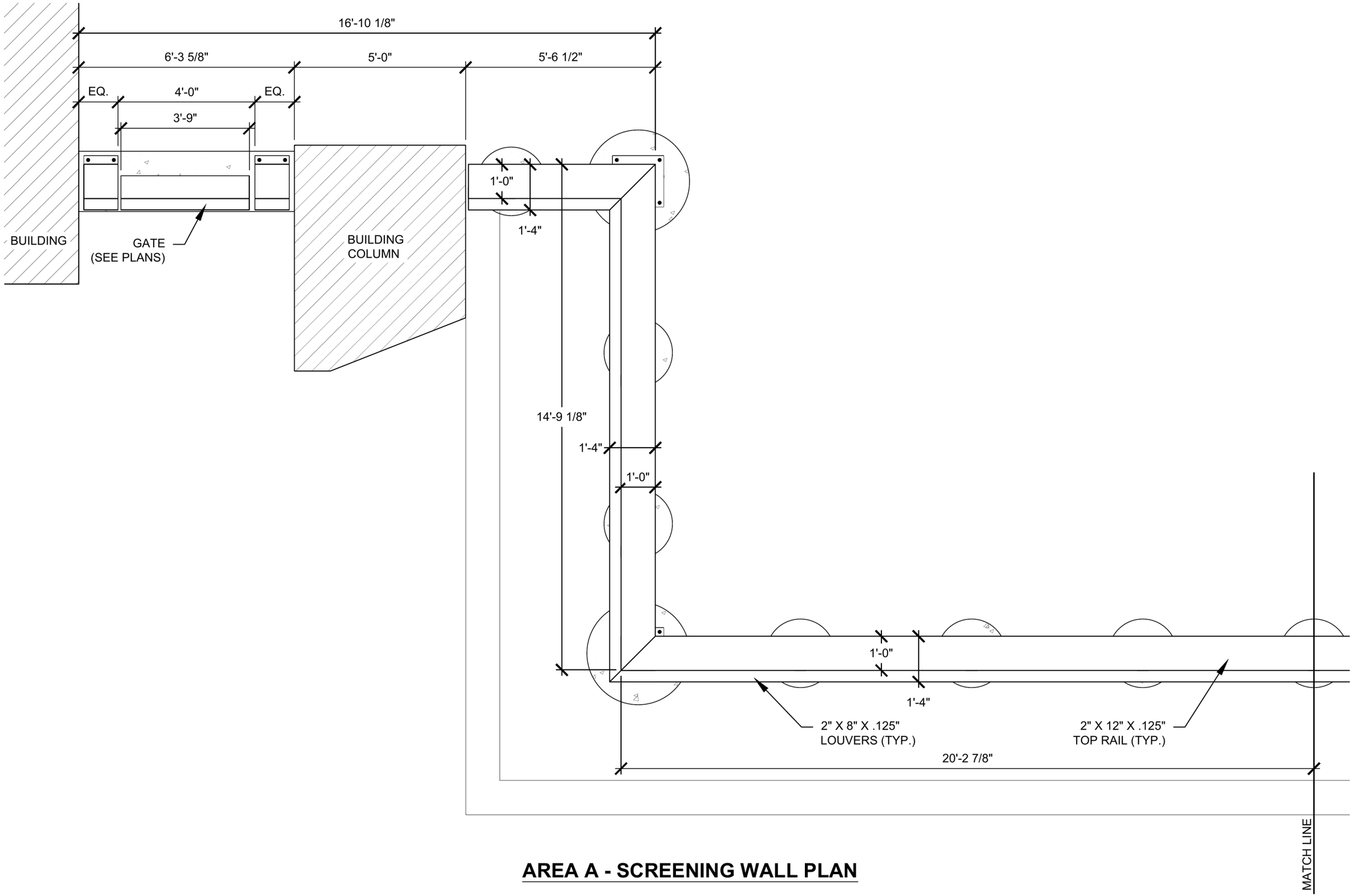
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PROJECT:
SCREENING WALL

DATE:	SCALE:
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SHEET NO.
2
KEY PLAN



AREA A - SCREENING WALL PLAN

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COMMERCIAL SITE
LOCATION WITHHELD

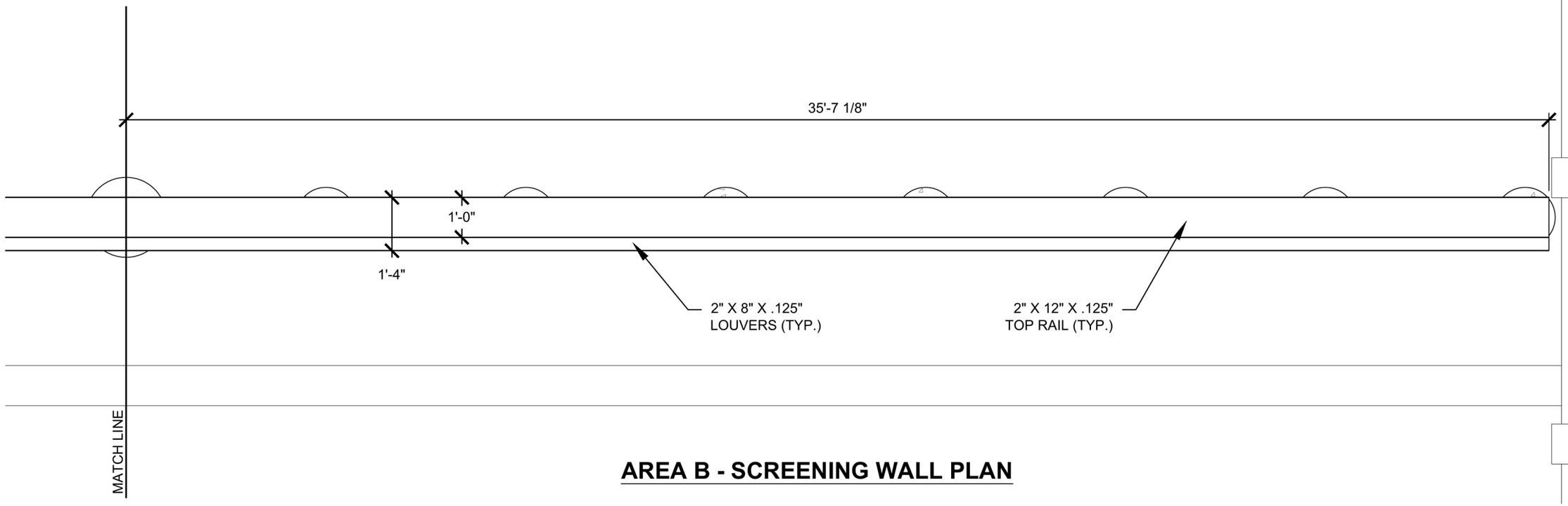
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SCREENING WALL

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SHEET NO.
3
AREA A - PLAN



AREA B - SCREENING WALL PLAN

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COMMERCIAL SITE
LOCATION WITHHELD

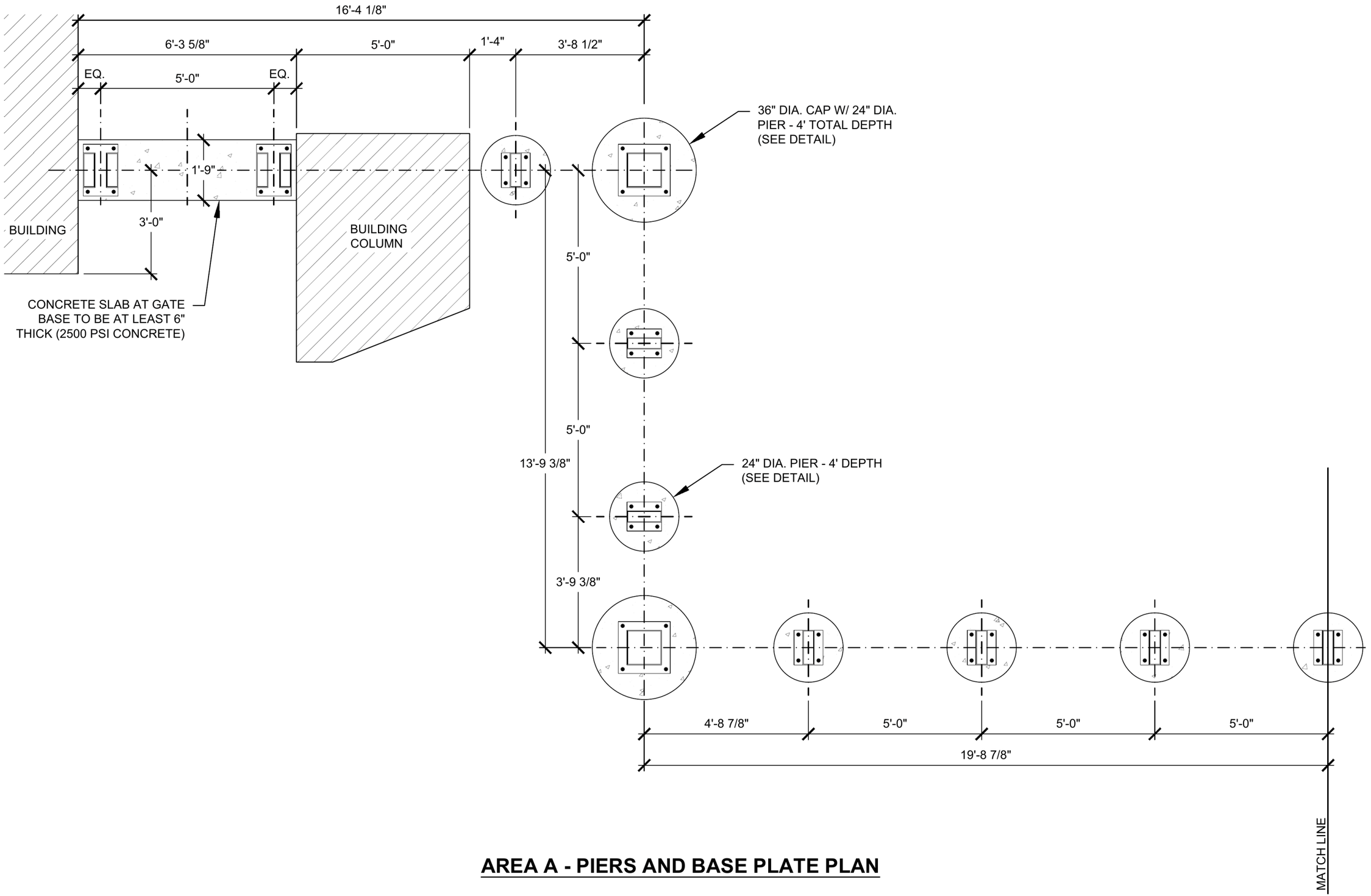
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SCREENING WALL

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SHEET NO.
4
AREA B - PLAN



AREA A - PIERS AND BASE PLATE PLAN

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LOCATION WITHHELD

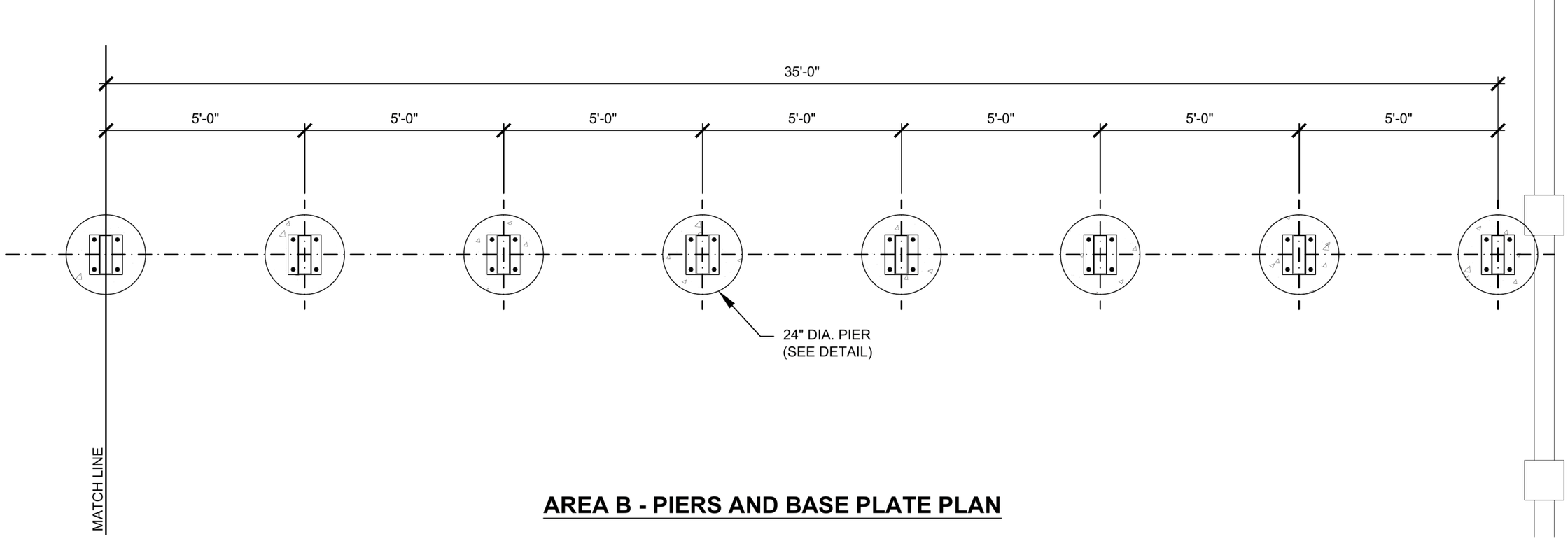
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PROJECT:
SCREENING WALL

DATE:	SCALE:
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DRAWN BY:	SHEET SIZE:
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SHEET NO.
5
AREA A - PIERS



AREA B - PIERS AND BASE PLATE PLAN

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COMMERCIAL SITE
LOCATION WITHHELD

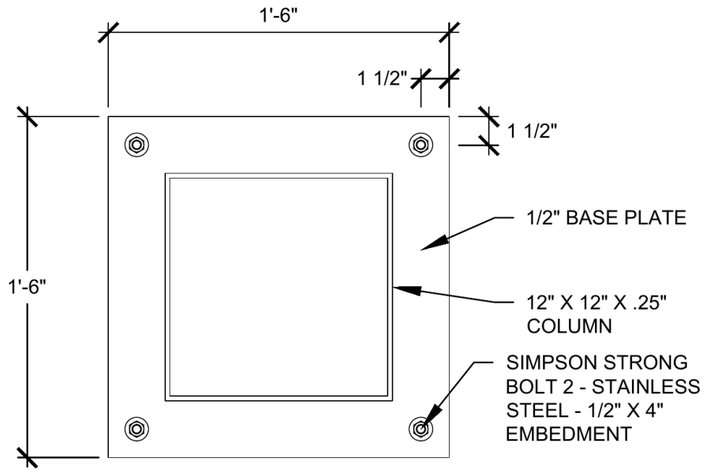
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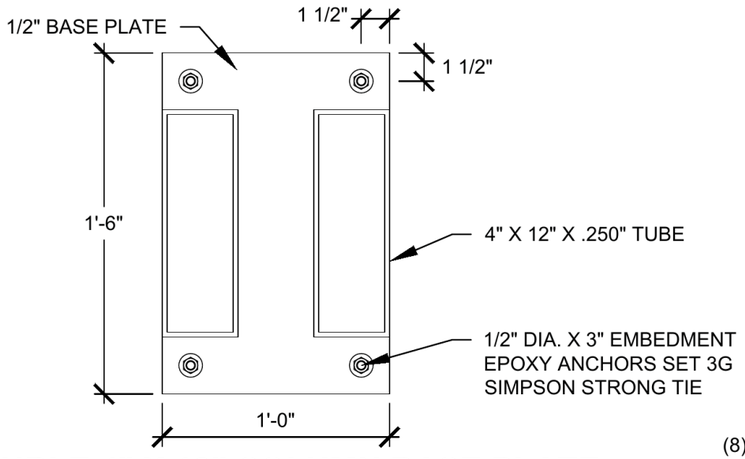
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SCREENING WALL

DATE:	SCALE:
2026	N.T.S.
DRAWN BY:	SHEET SIZE:
TLK	11 x 17

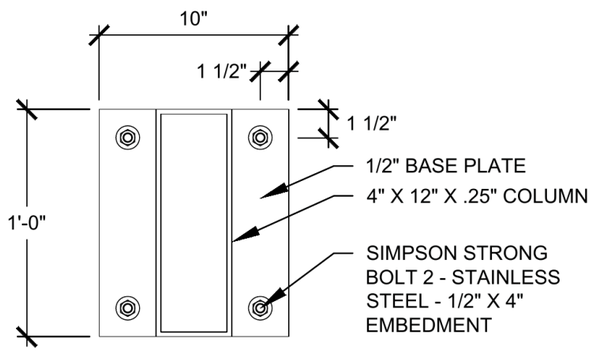
SHEET NO.
6
AREA B - PIERS



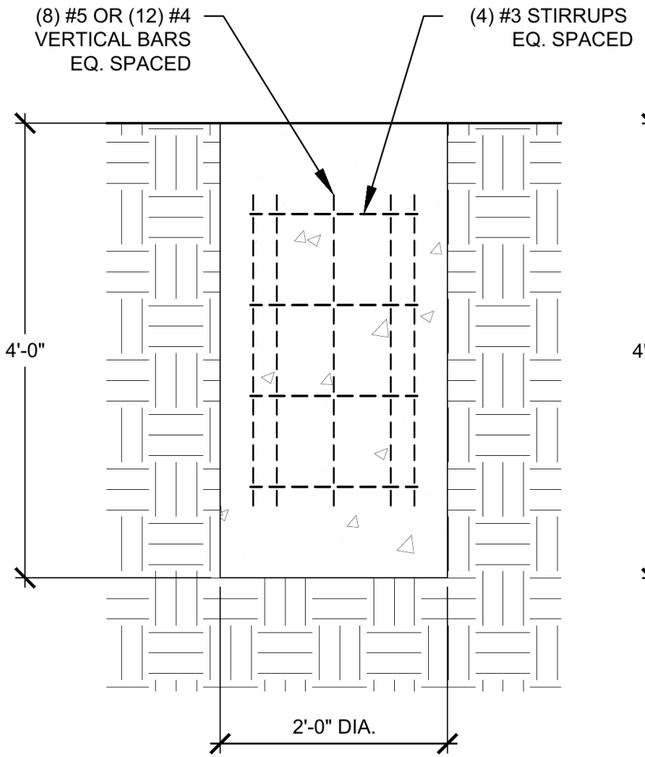
12" X 12" COLUMN BASE PLATE

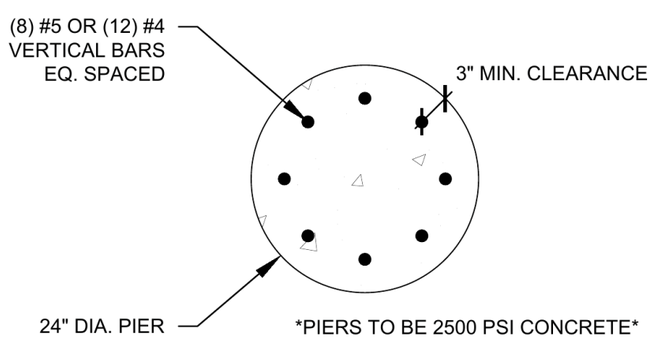


DOUBLE 4" X 12" COLUMN BASE PLATE

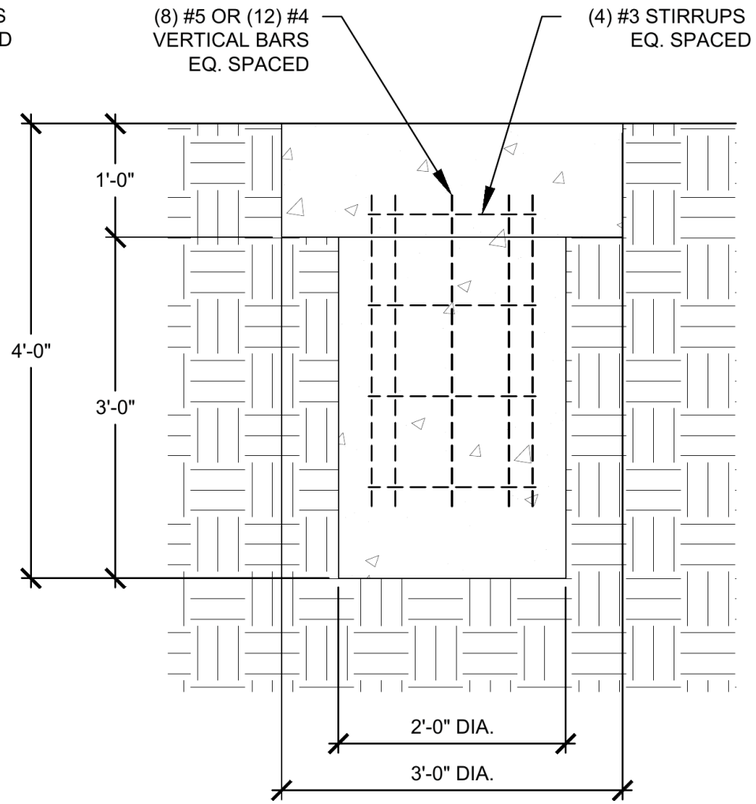


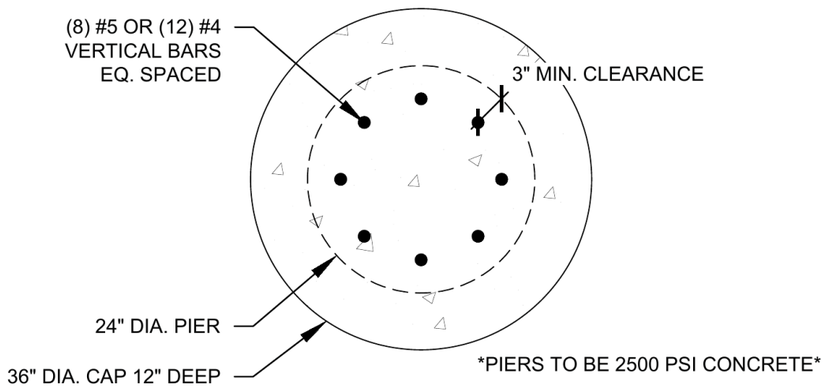
4" X 12" COLUMN BASE PLATE





36" DIA. X 12" DEEP CAP OVER 24" DIA. X 4' TOTAL DEPTH PEIR





24" DIA. X 4' TOTAL DEPTH PEIR

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COMMERCIAL SITE
LOCATION WITHHELD

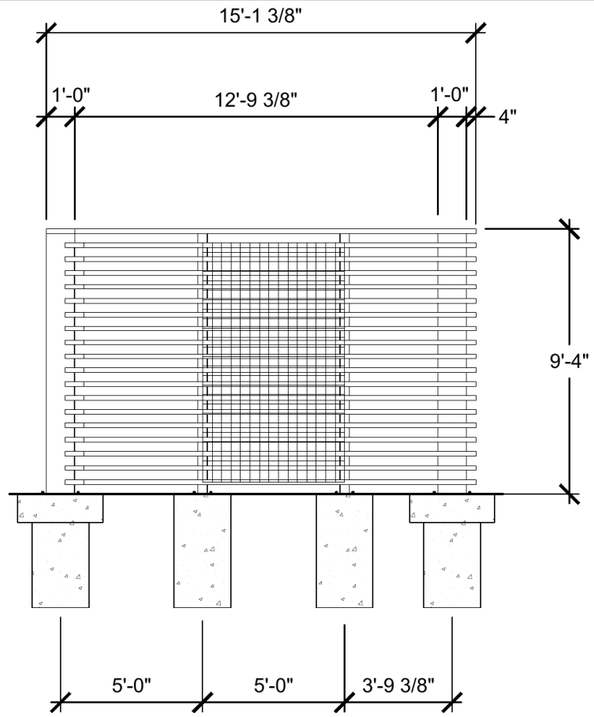
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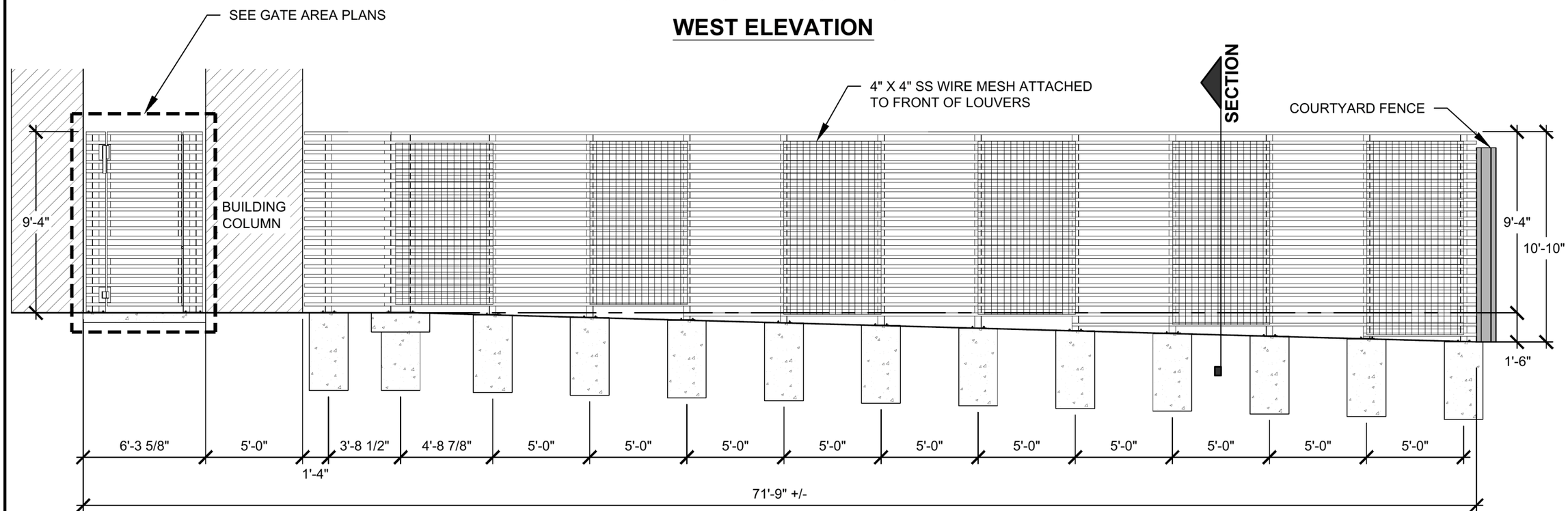
PROJECT:
SCREENING WALL

DATE:	SCALE:
2026	N.T.S.
DRAWN BY:	SHEET SIZE:
TLK	11 x 17

SHEET NO.
7
PIERS AND PLATES



WEST ELEVATION



SOUTH ELEVATION

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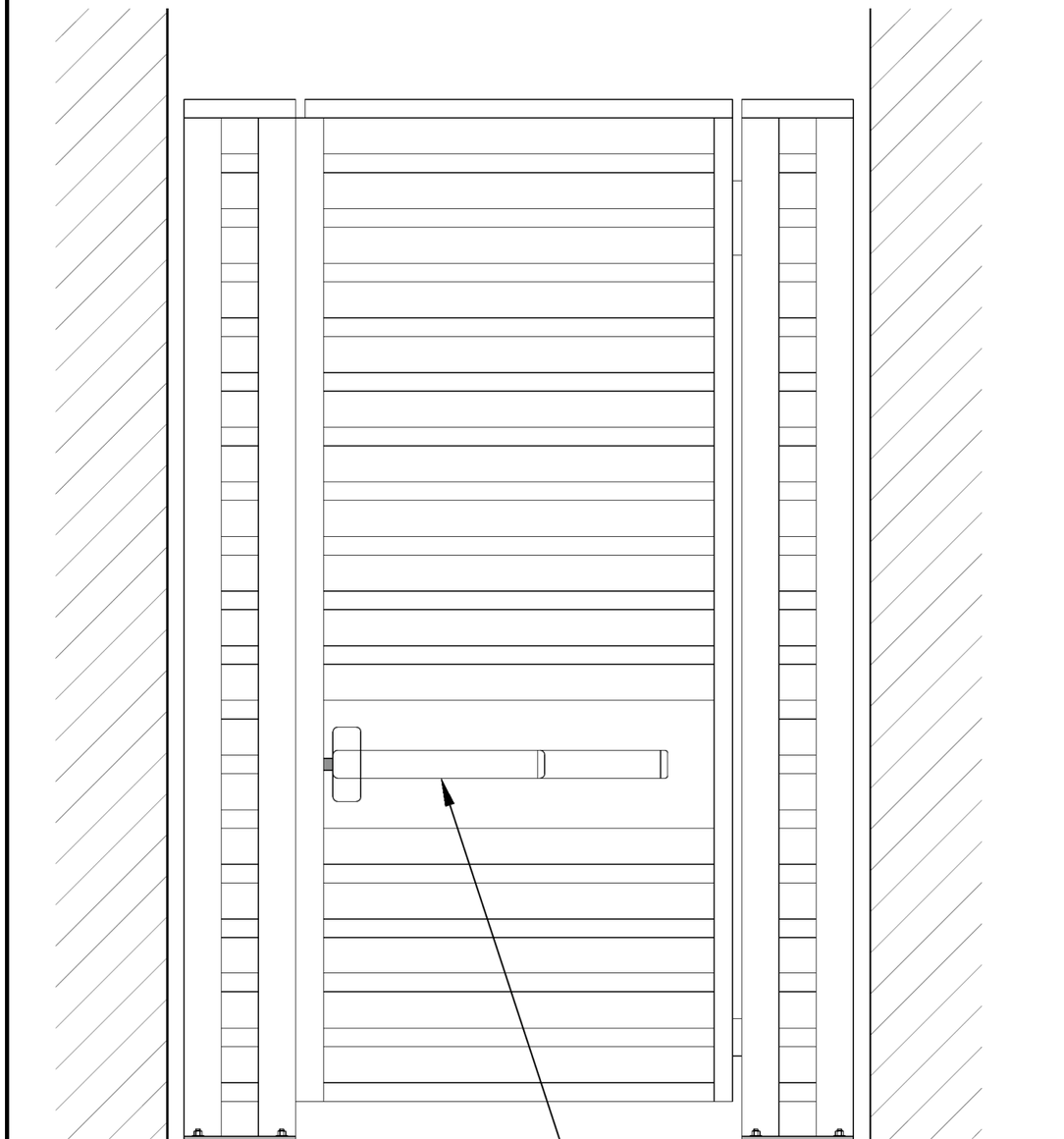
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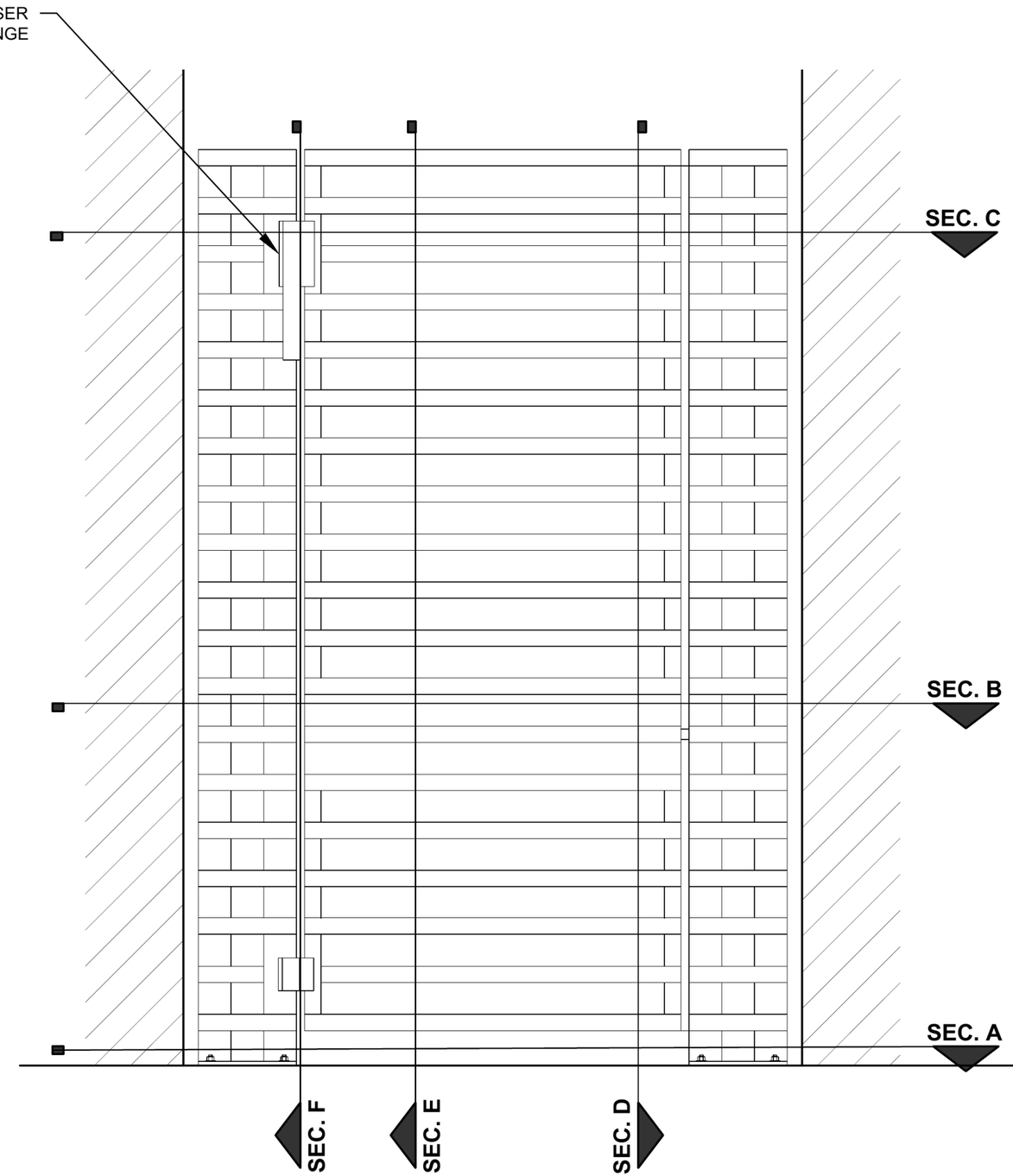
PROJECT:
SCREENING WALL

DATE:	SCALE:
2026	N.T.S.
DRAWN BY:	SHEET SIZE:
TLK	11 x 17

SHEET NO.
8
ELEVATIONS / GATE



GATE ELEVATION - BACK



GATE ELEVATION - FRONT

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COMMERCIAL SITE
LOCATION WITHHELD

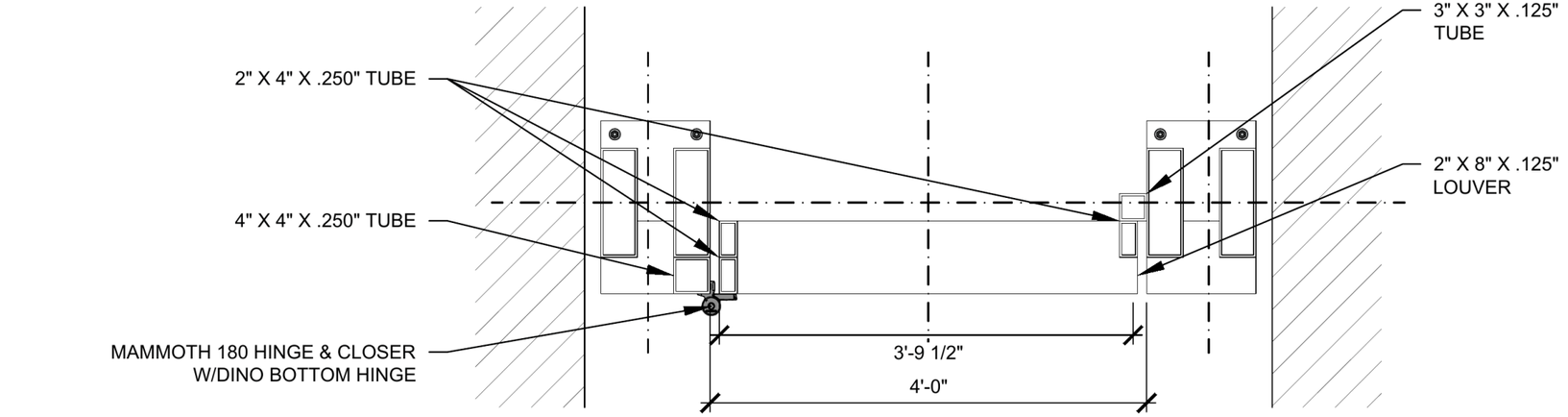
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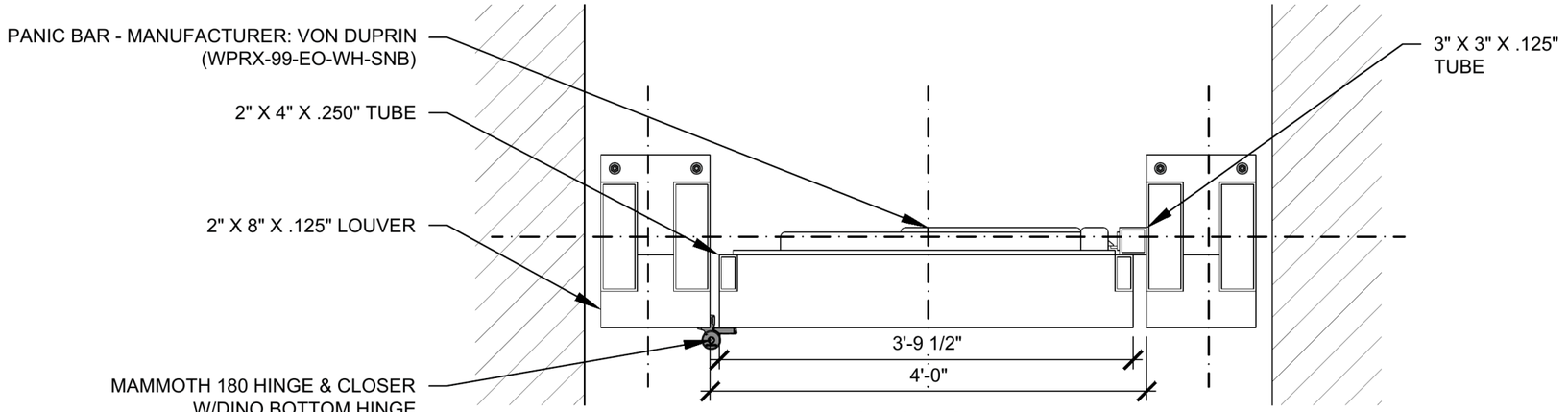
PROJECT:
SCREENING WALL

DATE:	SCALE:
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DRAWN BY:	SHEET SIZE:
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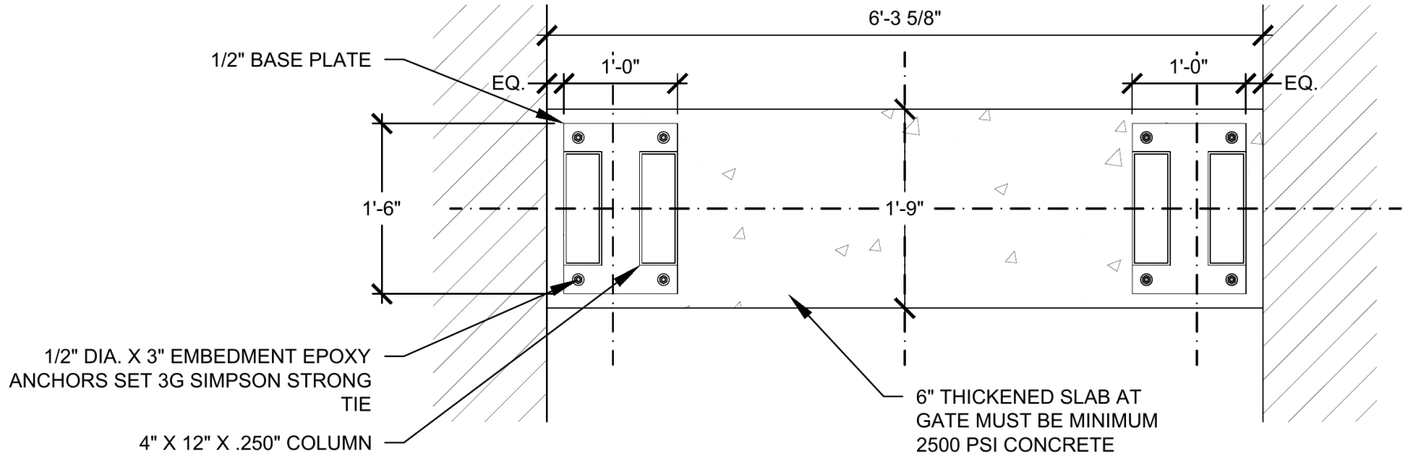
SHEET NO.
9
GATE ELEVATIONS



SECTION C



SECTION B



SECTION A

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COMMERCIAL SITE
LOCATION WITHHELD

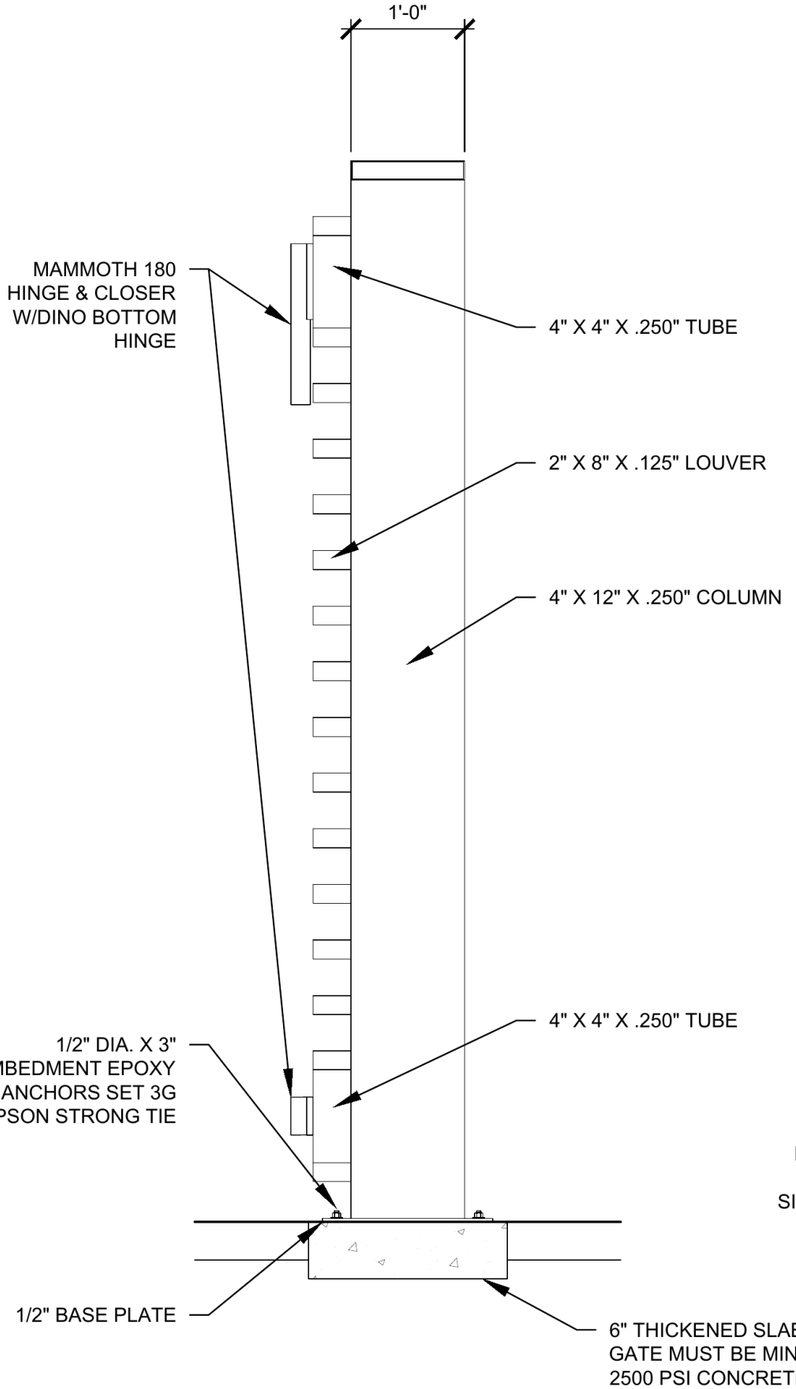
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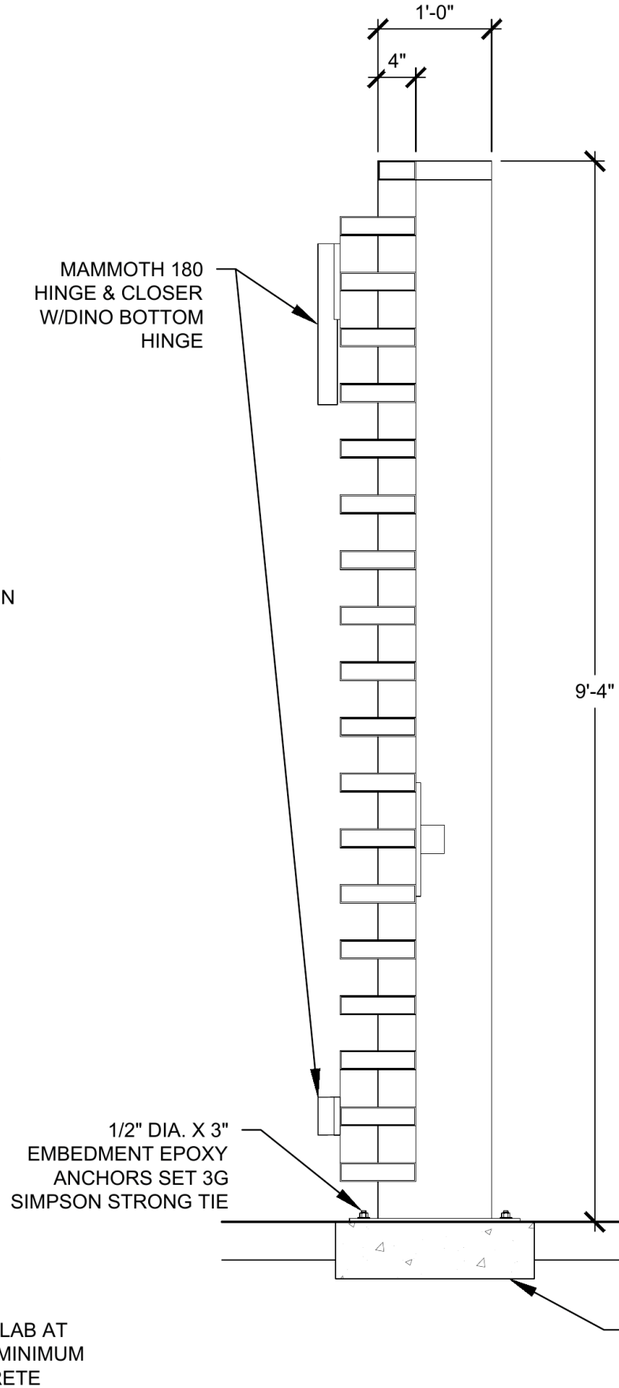
PROJECT:
SCREENING WALL

DATE:	SCALE:
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DRAWN BY:	SHEET SIZE:
TLK	11 x 17

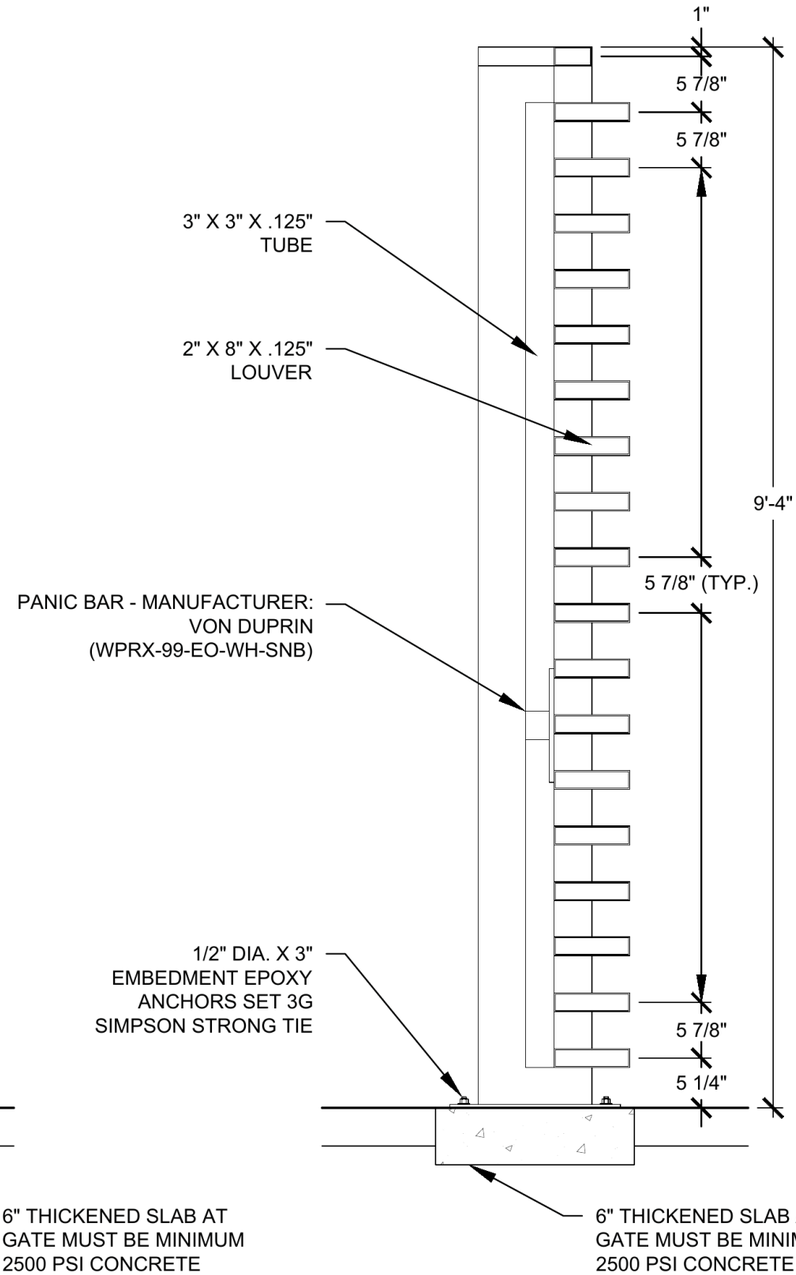
SHEET NO.
10
GATE SECTIONS



GATE SECTION F



GATE SECTION E



GATE SECTION D

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SCREENING WALL

COMMERCIAL SITE
LOCATION WITHHELD

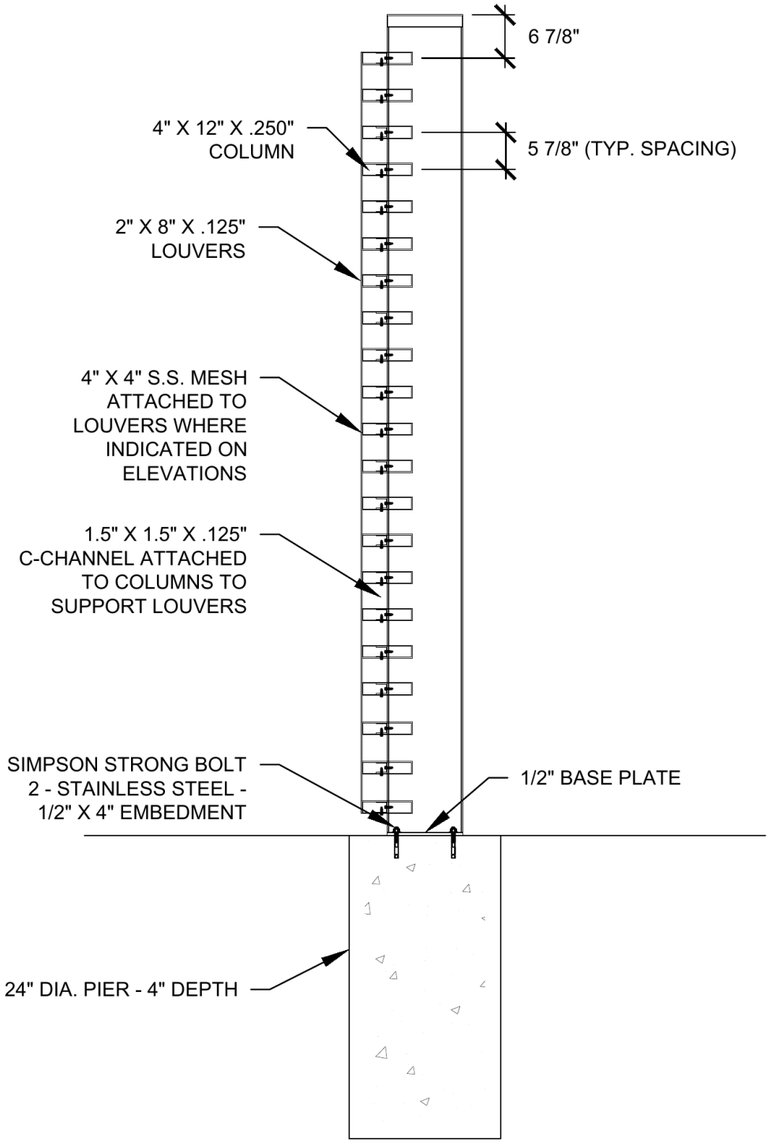
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PROJECT:
SCREENING WALL

DATE:	SCALE:
2026	N.T.S.
DRAWN BY:	SHEET SIZE:
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SHEET NO.
11
GATE SECTIONS



SECTION

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COMMERCIAL SITE
LOCATION WITHHELD

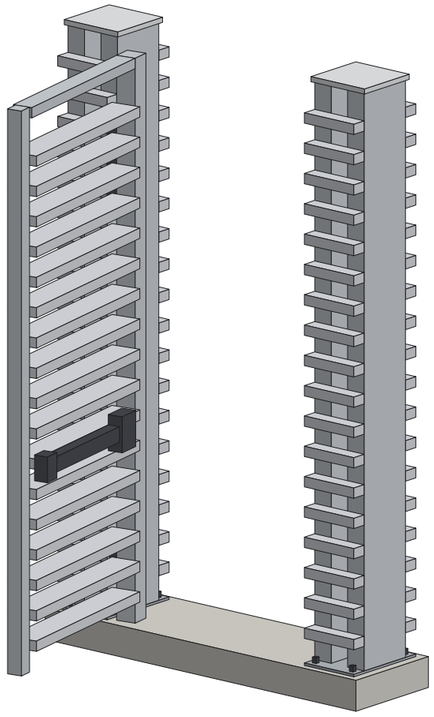
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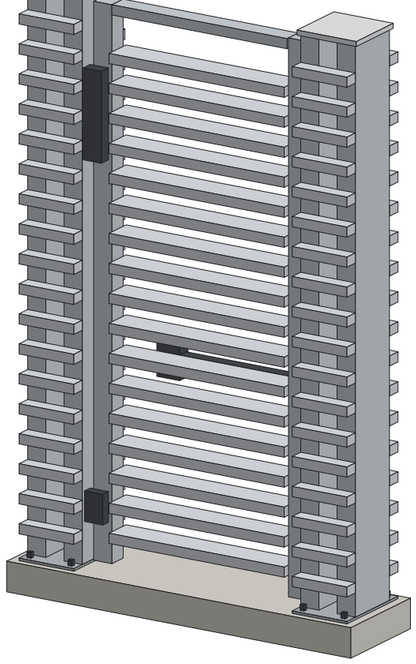
DATE:	SCALE:
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SHEET NO.
12
SECTION / DETAILS



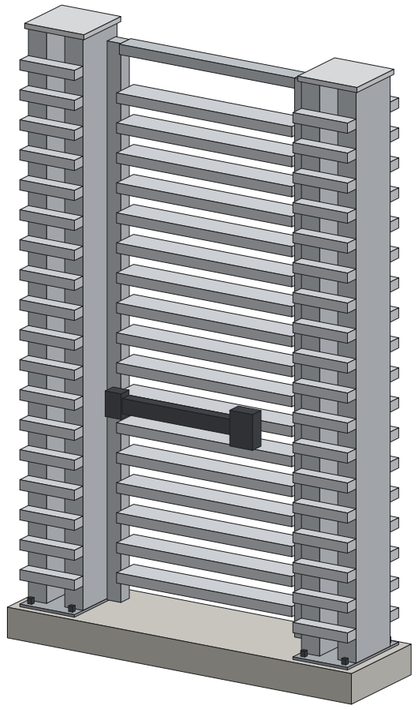
GATE OPEN - ISOMETRIC

SCALE: N.T.S.



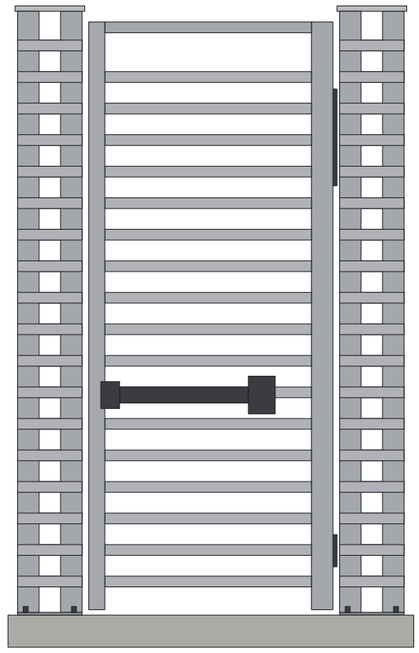
GATE CLOSED - FRONT ISO

SCALE: N.T.S.



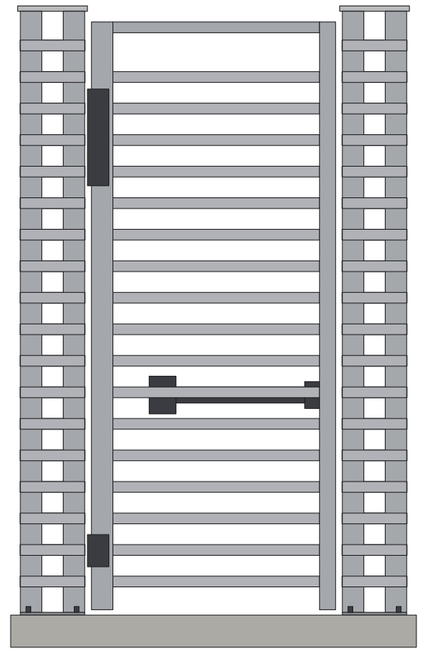
GATE CLOSED - BACK ISO

SCALE: N.T.S.



GATE ELEVATION - BACK

SCALE: N.T.S.



GATE ELEVATION - FRONT

SCALE: N.T.S.

NOTES:

1. 3D VIEWS ARE FOR REFERENCE ONLY. SEE SHEETS 9-11 FOR GATE ELEVATIONS, SECTIONS AND DIMENSIONS.
2. ALL ALUMINUM 6063-T6, CLEAR ANODIZED UNLESS NOTED. SEE MATERIAL SCHEDULE, SHEET 1.
3. HINGE & CLOSER: MAMMOTH 180 W/ DINO BOTTOM HINGE. PANIC BAR: VON DUPRIN WPRX-99-EO-WH-SNB.

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SCREENING WALL

COMMERCIAL SITE
LOCATION WITHHELD

DRAFTING SAMPLE NOT FOR CONSTRUCTION

Portfolio copy. Client, project and location information removed. Engineering and seal by others.

PROJECT:
SCREENING WALL

DATE:	SCALE:
2026	N.T.S.
DRAWN BY:	SHEET SIZE:
TLK	11 x 17

SHEET NO.
13
GATE AREA