

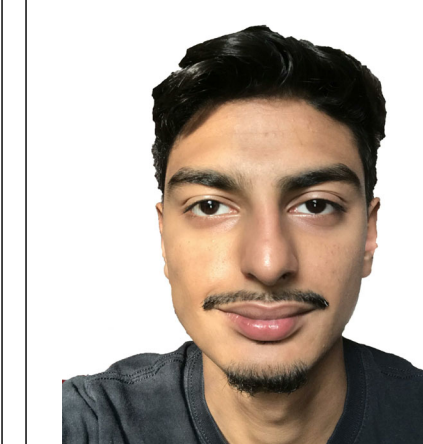
Group 7

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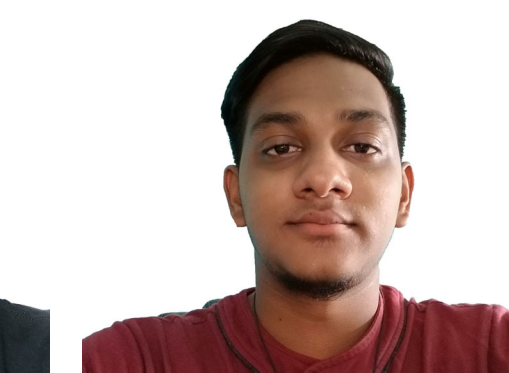
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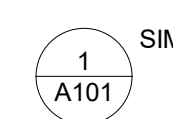
RYAN SINGH

ABBREVIATIONS

ALT	ALTERNATE
BLDG	BUILDING
BM	BEAM
BSMT	BASEMENT
CLG	CEILING
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
ELEC	ELECTRIC
ELEV	ELEVATOR, ELEVATION
EQ	EQUAL
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FLR	FLOOR
FT	FOOR, FEET
GA	GUAGE
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
HT	HEIGHT
LOC	LOCATION
MAS	MASONRY
MECH	MECHANICAL
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
PERIM	PERIMETER
PERP	PERPENDICULAR
PL	PROPERTY LINE
PLWD	PLYWOOD
PRCAST	PRECAST
R	RADIUS
REINF	REINFORCED
RM	ROOM
SQ	SQUARE
SQ IN	SQUARE INCH
THK	THICK
TYP	TYPICAL
W/	WITH



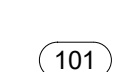
NORTH ARROW



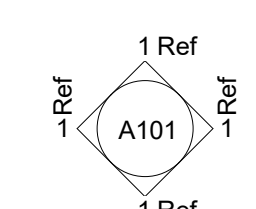
CALLOUT HEAD



CENTER LINE



DOOR TAG



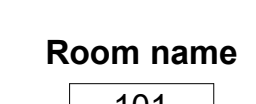
ELEVATION MARKER



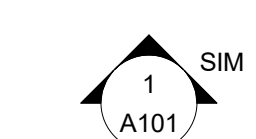
GRID HEAD



LEVEL HEAD



ROOM TAG



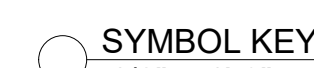
SECTION ARROW



WALL TAG

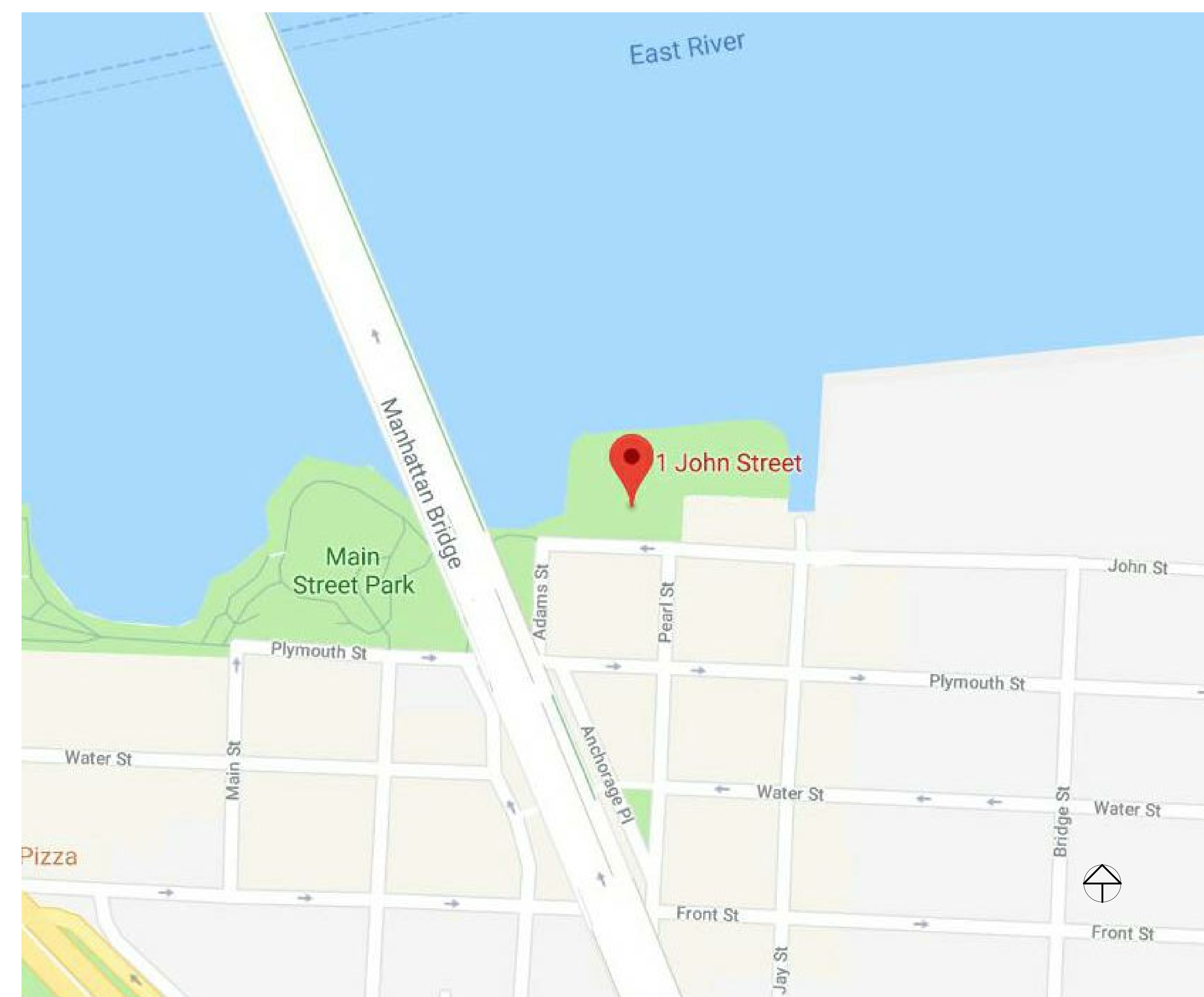


WINDOW TAG



SYMBOL KEY
1/2" = 1'-0"

LOCATION MAP



Sheet List			
Sheet Number	Sheet Name	SCALE	DESCRIPTION
G-100.000	COVER SHEET		PROJECT NAME AND ADRESS, RENDERING, ABBREVIATIONS, SYMBOLS LEGEND AND DRAWING LIST
G-102.000	SITE PLAN		SITE PLAN, ADDRESS, BLOCK, LOT, AND ZONING INFO
G-101.00	ADA DIAGRAMS		ADA DIAGRAMS-(2) DOOR CLERANCES, (1) CORRIDOR WIDTHS, BATHROOM REQUIREMENTS (1 TOILET STALL, 1 LAV)
S-100.00	FOUNDATION FRAMING PLAN		GRIDS, GRID DIMENSIONS, FOUNDATION TAGS, COLUMN TAGS
S-101.00	GROUND FLOOR TYPICAL FRAMING PLAN		GRIDS, GRID DIMENSIONS, COLUMN TAGS
S-102.00	3D VIEW OF CONCRETE FRAME		(2) 3D VIEWS OF CONCRETE FRAME, INCLUDING FOUNDATIONS, SLABS, COLUMNS, SHEAR WALLS
A-100.00	GROUND FLOOR PLAN		GRIDS, GRID DIMENSIONS, LAYOUT DIMENSION, ENLARGED PLAN, SECTION AND ELEVATION CALLOUTS, ROOM AND WALL TAGS, PARTITION TYPE TAGS
A-101.00	ENLARGED CORE PLANS-GROUND/TYP FLOOR		GRIDS, GRID DIMENSIONS, LAYOUT DIMENSIONS, WALL TAGS, ROOM DIMENSIONS-BATHROOM AND ELEV CORES
A-102.00	FINISH PLAN-GROUND/TYP FLOOR		GRIDS, GRID DIMENSIONS, FINISH TAGS, ROOM TAGS, FINISH LEGEND, FINISH SCHEDULE
A-200.00	REFLECTED CELING PLANS-GROUND/TYP FLOOR		GRIDS, GRID DIMENSIONS, CEILING LAYOUT, LIGHTING, SPRINKLER HEADS, SUPPLY AND RETURN DIFFUSERS
A-300.00	OVERALL ELEVATIONS NORTH AND WEST		GRIDS, GRID DIMENSIONS, LEVELS, LEVEL DIMENSIONS, SOLAR STUDY
A-301.00	OVERALL ELEVATIONS SOUTH AND EAST		GRIDS, GRID DIMENSIONS, LEVELS, LEVEL DIMENSIONS, SOLAR STUDY
A-400.00	3D EXPLODED BUILDING DIAGRAM		EXPLODED AXON SHOWING CLADDING, STRUCTURE AND INTERIORS
A-500.00	ENLARGED CURTAIN WALL ELEVATIO-WALL SECTION		ENLARGED ELEVATION, WALL SECTION+ISOMETRIC AT CURTAIN WALL
A-501.00	CURTAIN WALL DETAILS		AT BASE, FLOOR, ROOF: (2) 3D DETAILS (INTERIOR AND EXTERIOR SIDES), (1) 2D PLAN DETAIL, (1) 2D SECTION DETAIL, INSTALLATION SEQUENCE AT FLOOR
A-502.00	ENLARGED PRE CAST CONC. ELEVATION + WALL SECTION		ENLARGED ELEVATION, WALL SECTION + ISOMETRIC AT PRECAST CONCRETE WALL
A-503.00	PRECAST CONCRETE DETAILS		AT BASE, FLOOR, ROOF: (2) 3D DETAILS (INTERIOR AND EXTERIOR SIDES), (1) 2D PLAN DETAIL, (1) 2D SECTION DETAIL, INSTALLATION SEQUENCE AT FLOOR
A-504.00	CURTAIN WALL + PRECAST CONCRETE ANALYSIS		BARRIER LAYER ANALYSIS
A-505.00	PARTITION TYPES		(4) PARTATION TYPE DETAILS, DIMENSIONS AND NOTES
A-506.00	ENLARGED STAIR PLANS AND SECTIONS		(1) PLAN OF EACH EGRESS STAIR, (1) SECTION THROUGH EACH STAIR-GRIDS, GRID DIMENSIONS AND NOTES
A-600.00	OUTLINE SPECIFICATIONS		
S-101.01	OFFICE TYPICAL FRAMING PLAN		
A-101.10	ENLARGED CORE PLANS GROUND/TYP FLOOR		
A-100.01	THIRD FLOOR/TYP OFFICE FLOOR PLAN		

1 JOHN STREET

COVER SHEET

Project Number	Project Number
Date	Issue Date
Drawn By	AQIB BHATTI
Checked By	Checker

G-100.000

Scale NTS

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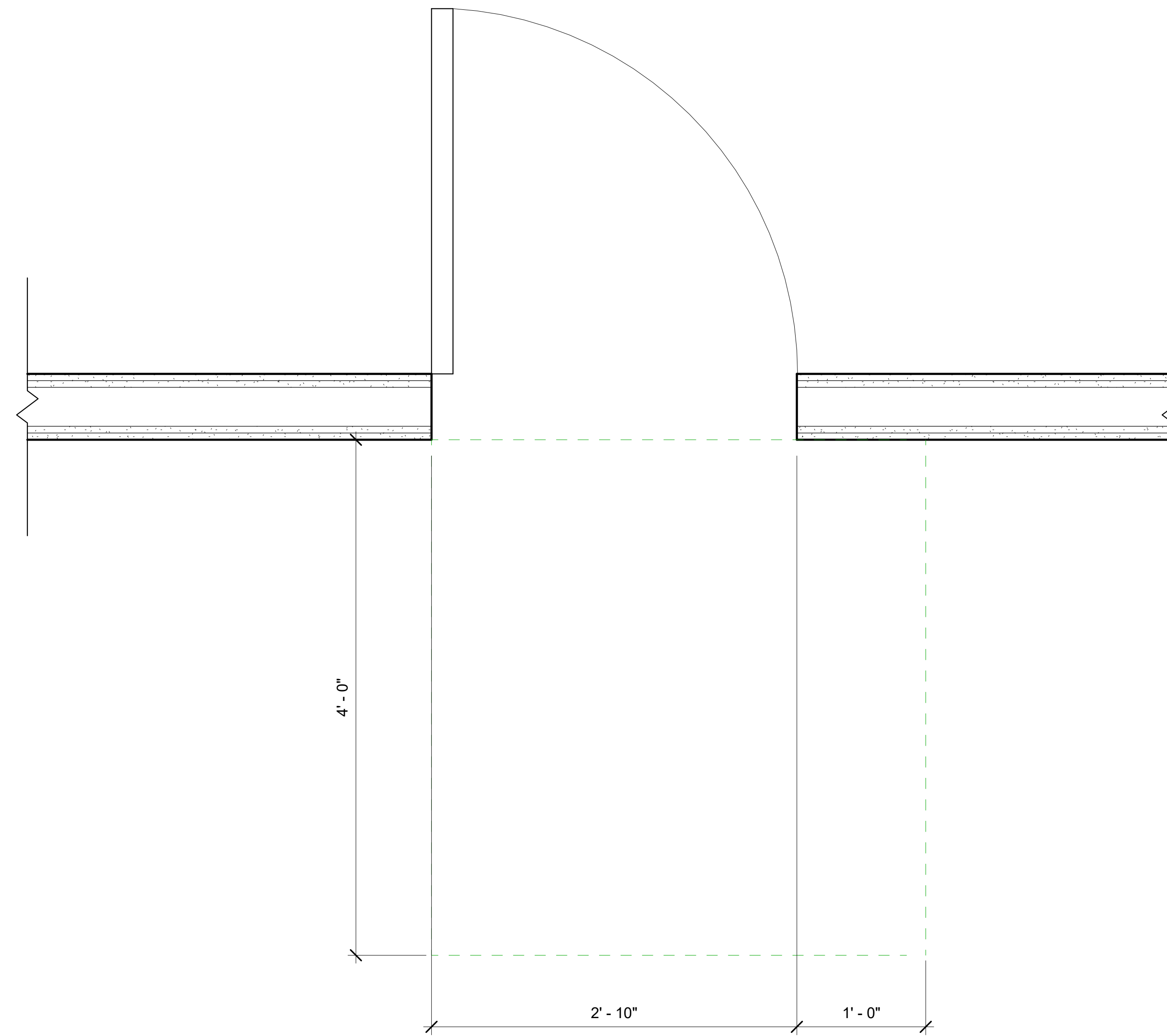
Project

Address
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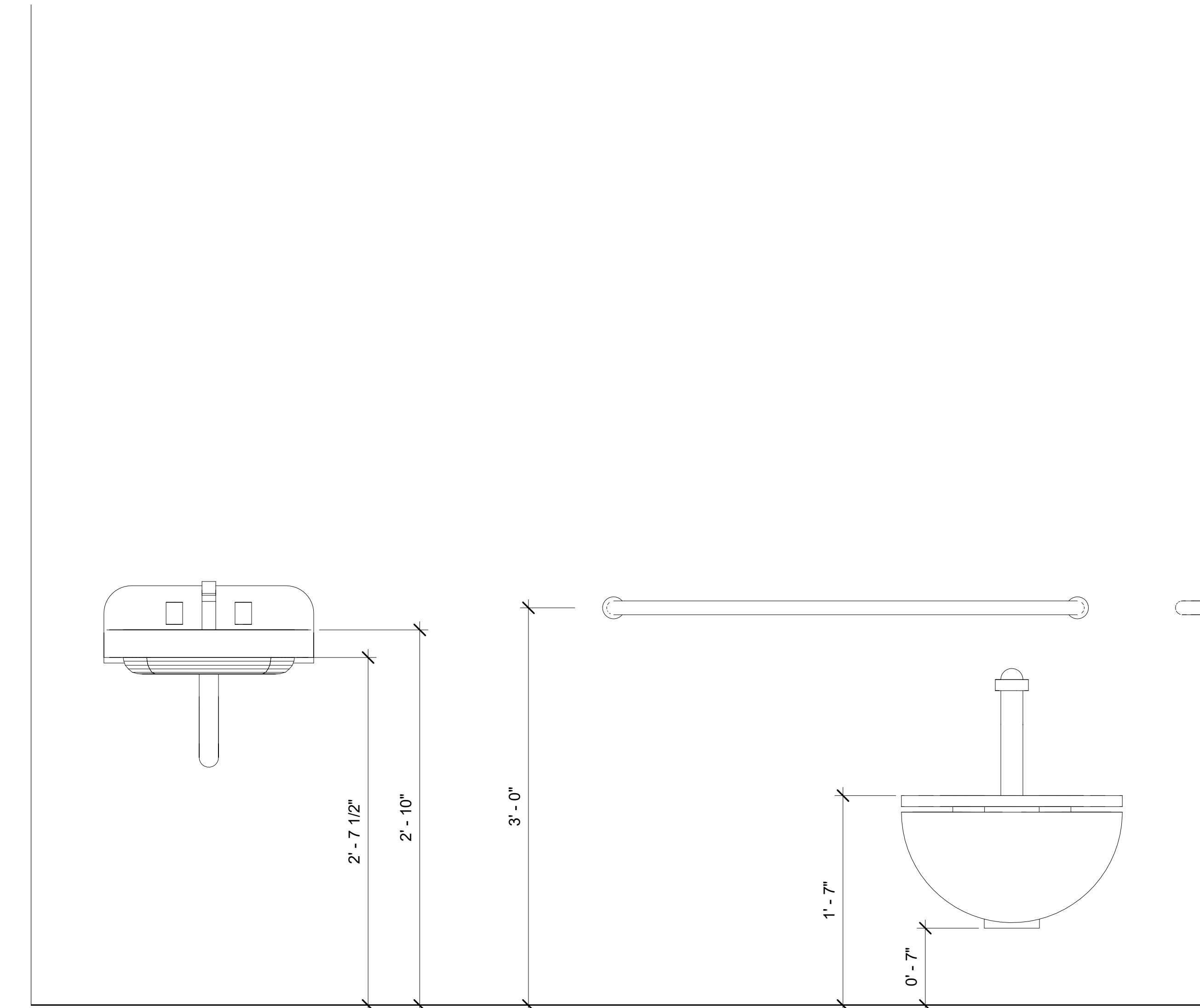


AQIB BHATTI

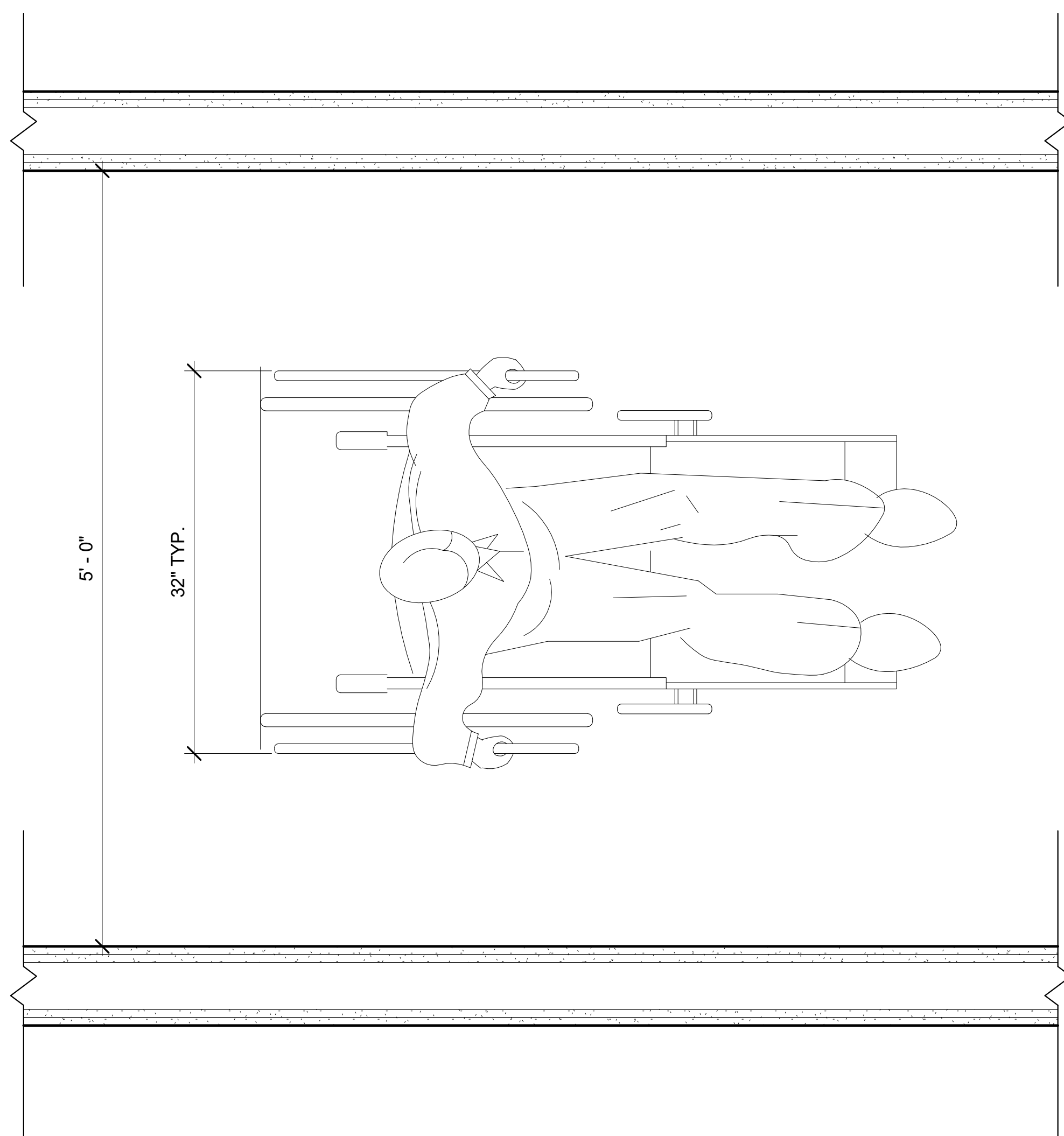
RYAN SINGH



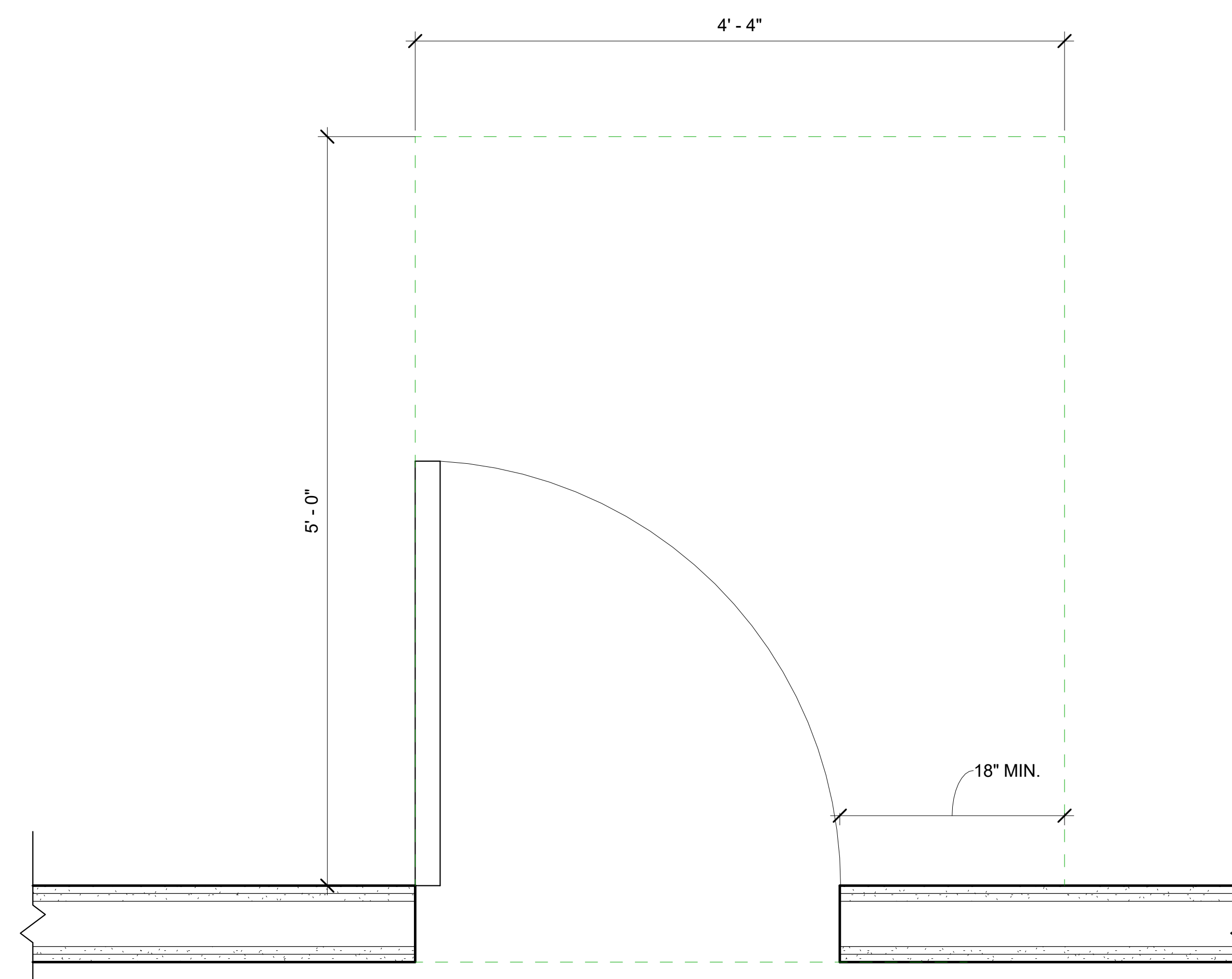
④ RETAIL DOOR CLEARANCE ON PUSH SIDE
1 1/2" = 1'-0"



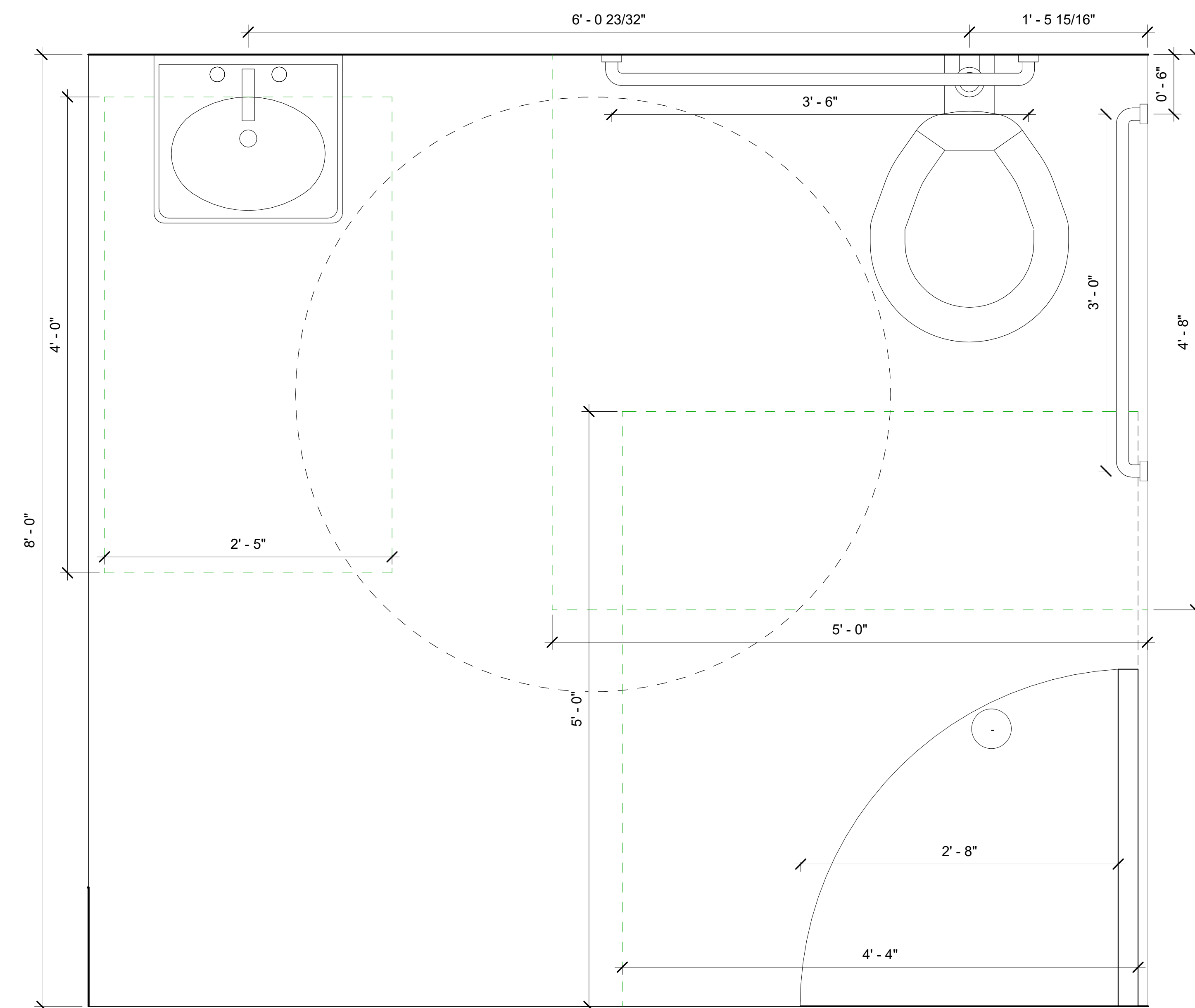
② RETAIL BATHROOM NORTH ELEVATION
1 1/2" = 1'-0"



⑤ RETAIL CORRIDOR WIDTH
1 1/2" = 1'-0"



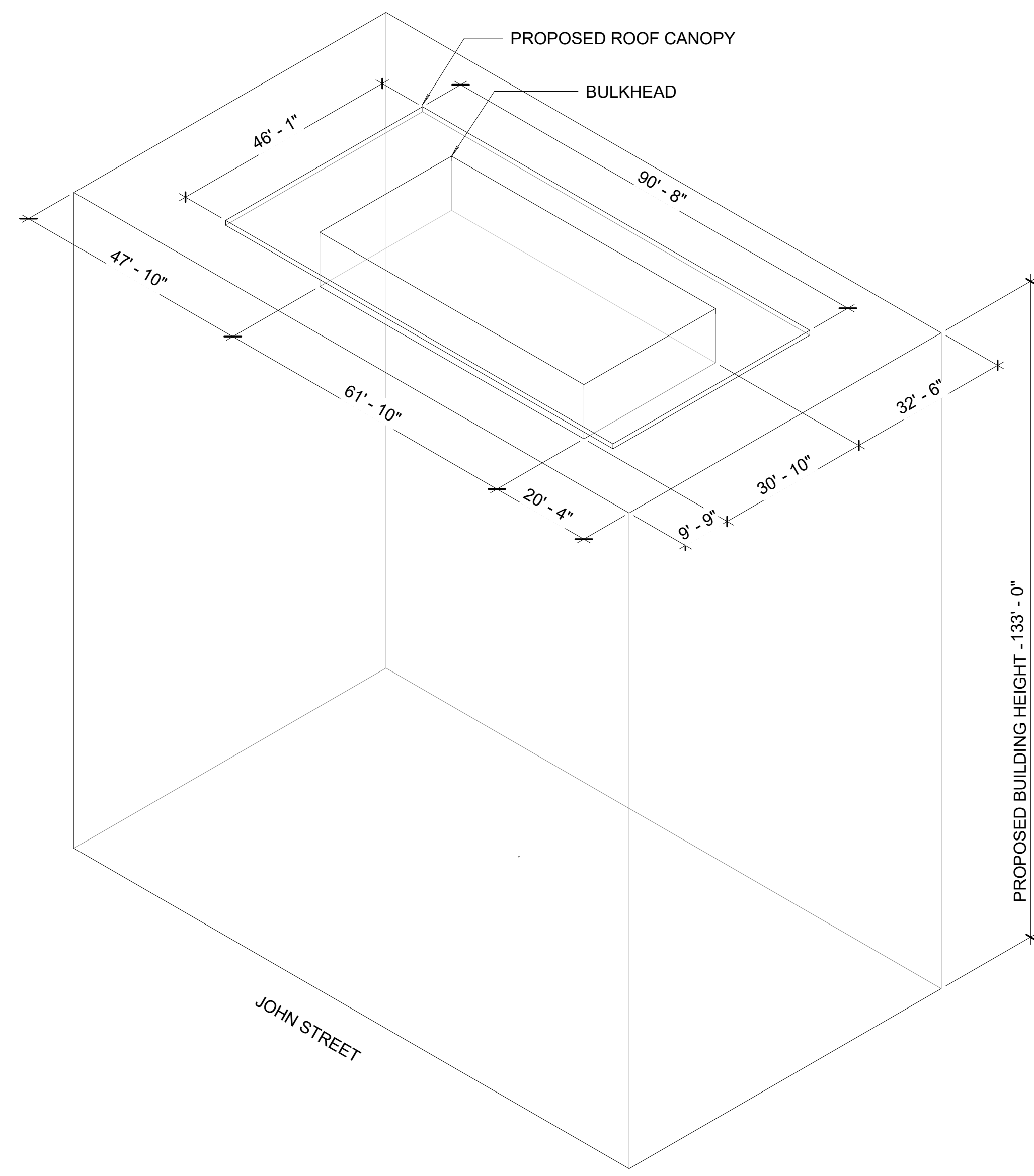
③ RETAIL DOOR CLEARANCE ON PULL SIDE
1 1/2" = 1'-0"



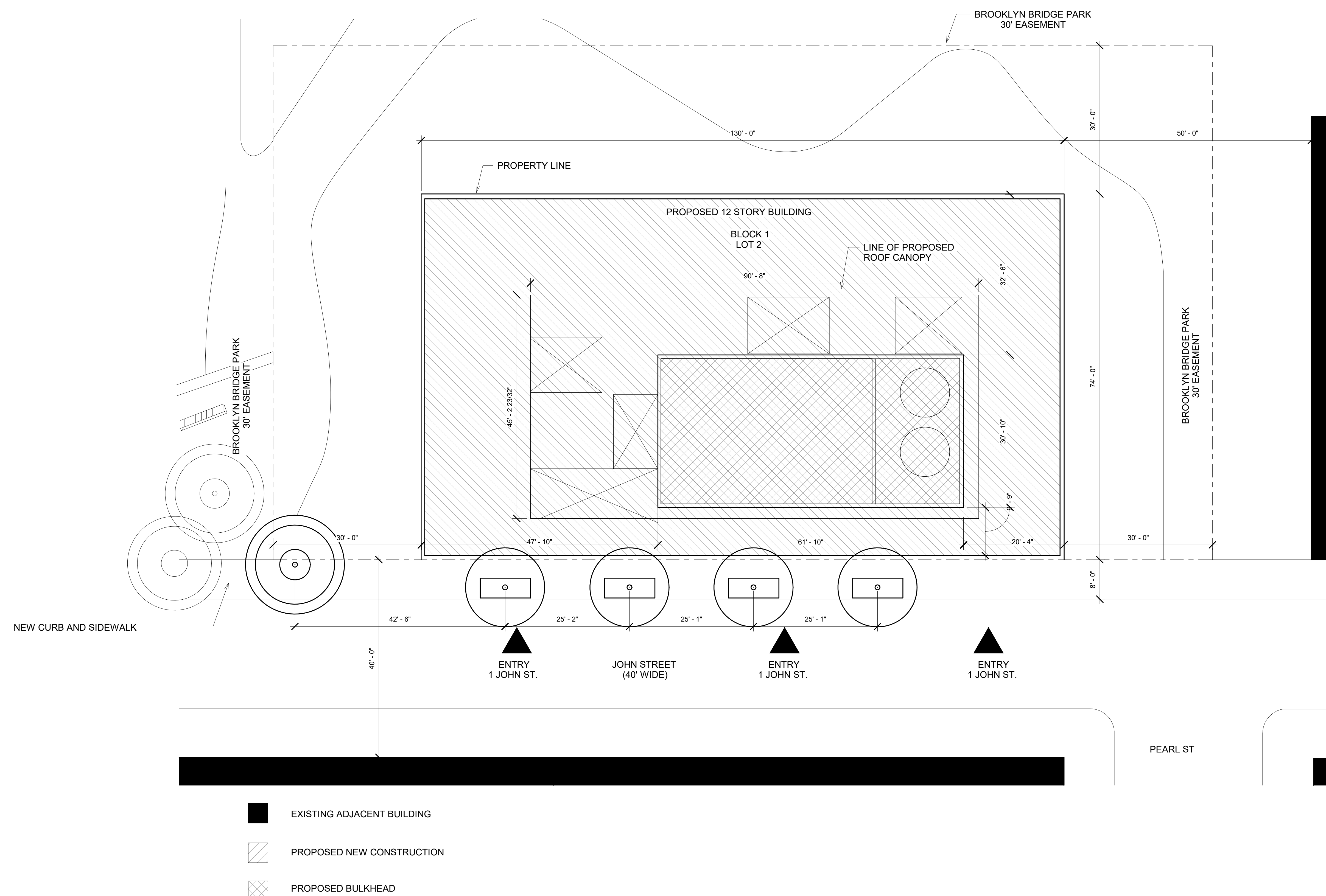
① RETAIL BATHROOM PLAN
1 1/2" = 1'-0"

1 JOHN STREET
ADA DIAGRAMS

Project Number	Project Number
Date	Issue Date
Drawn By	AQIB BHATTI
Checked By	Checker
G-101.00	
Scale	AS SHOWN



2 PROPOSED BUILDING ENVELOPE



1 SITE PLAN
3/32" = 1'-0"

1 John St	
Block/Lot:	Block 1, Lot 2
Zoning District:	MX-2
Underlying Districts:	N/A
Lot Area:	9,617 s.f
Lot Coverage	9,617 s.f

Zoning Regulations:	
Maximum Lot Coverage % per Z.R. 123-64	N/A
Proposed Lot Coverage	100%

Required Front Yard per Z.R. 123-652	N/A
Proposed:	0'

Required Side Yard per Z.R. 123-652	N/A
Proposed:	0'

Required Rear Yard per Z.R. 23-541	N/A
Proposed:	0'

Base Height (John ST):	N/A
Proposed:	133'

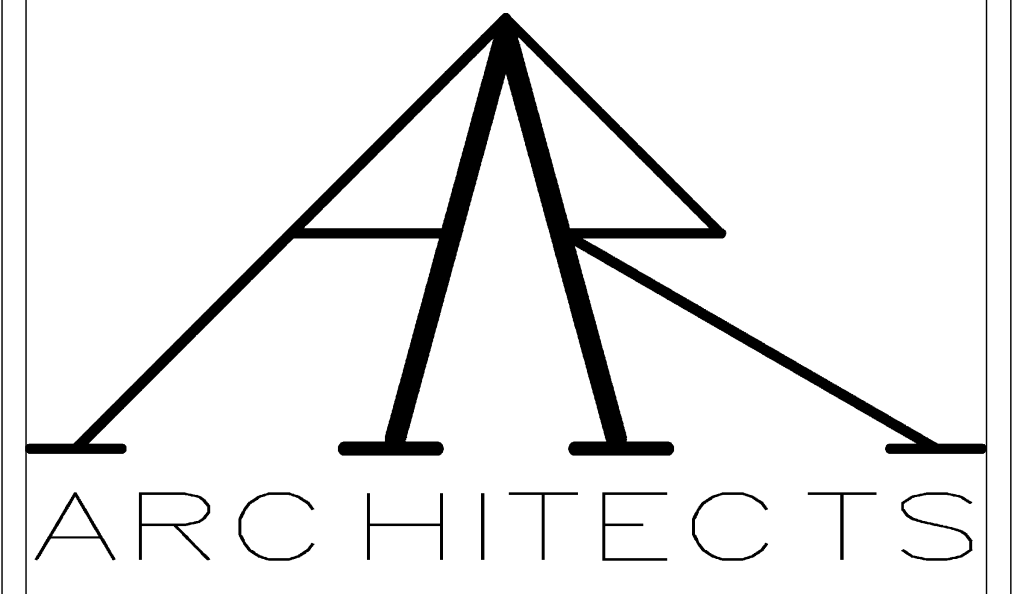
Max Building Height	N/A
Proposed:	133'

Base Far per Z.R. 123-64/23-952	N/A
Proposed:	N/A
Gross Residential Floor Area	108,496 sf
Gross Commercial Floor Area	11,371 sf
Proposed Total Gross Floor Area	119,840 sf

Street Tree Analysis	John St
Street Frontage	130'-0"
Required Street Trees per Z.R. 23-03/26-41	N/A
Trees to be planted on site	5
Trees to be planted off site	0
No. of trees where payment is to be made to Parks Dept.	0

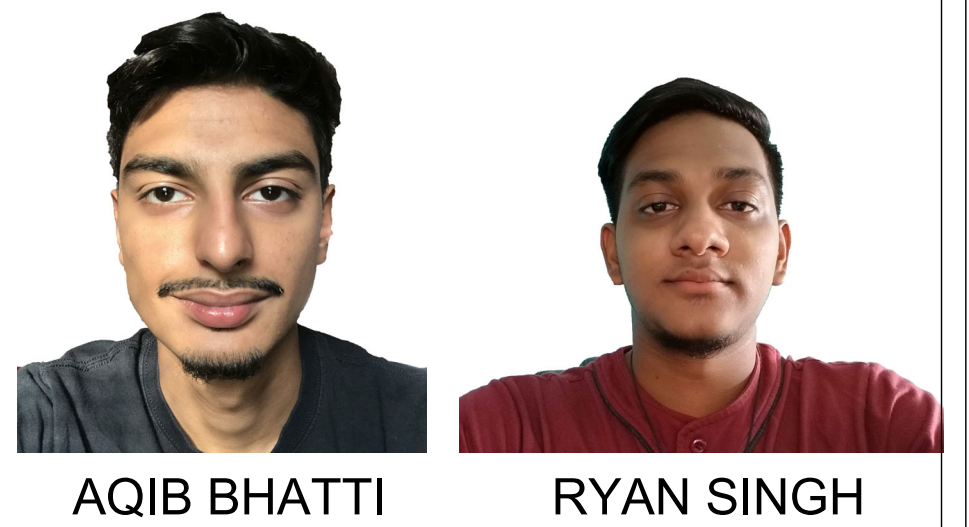
JOHN ST BASE PLAN CALCULATIONS:

BASE PLANE=DESIGN FLOOD ELEVATION=NAVD88 ELEV. +14'



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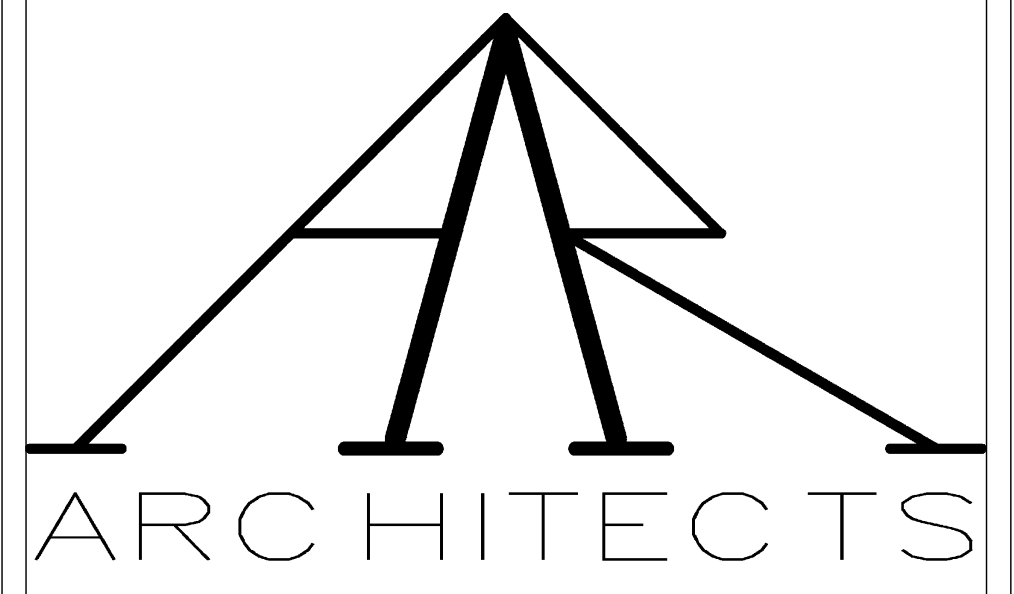
1 JOHN STREET

SITE PLAN

Project Number	Project Number
Date	Issue Date
Drawn By	AQIB BHATTI, RYAN SINGH
Checked By	Checker

G-102.000

Scale AS SHOWN



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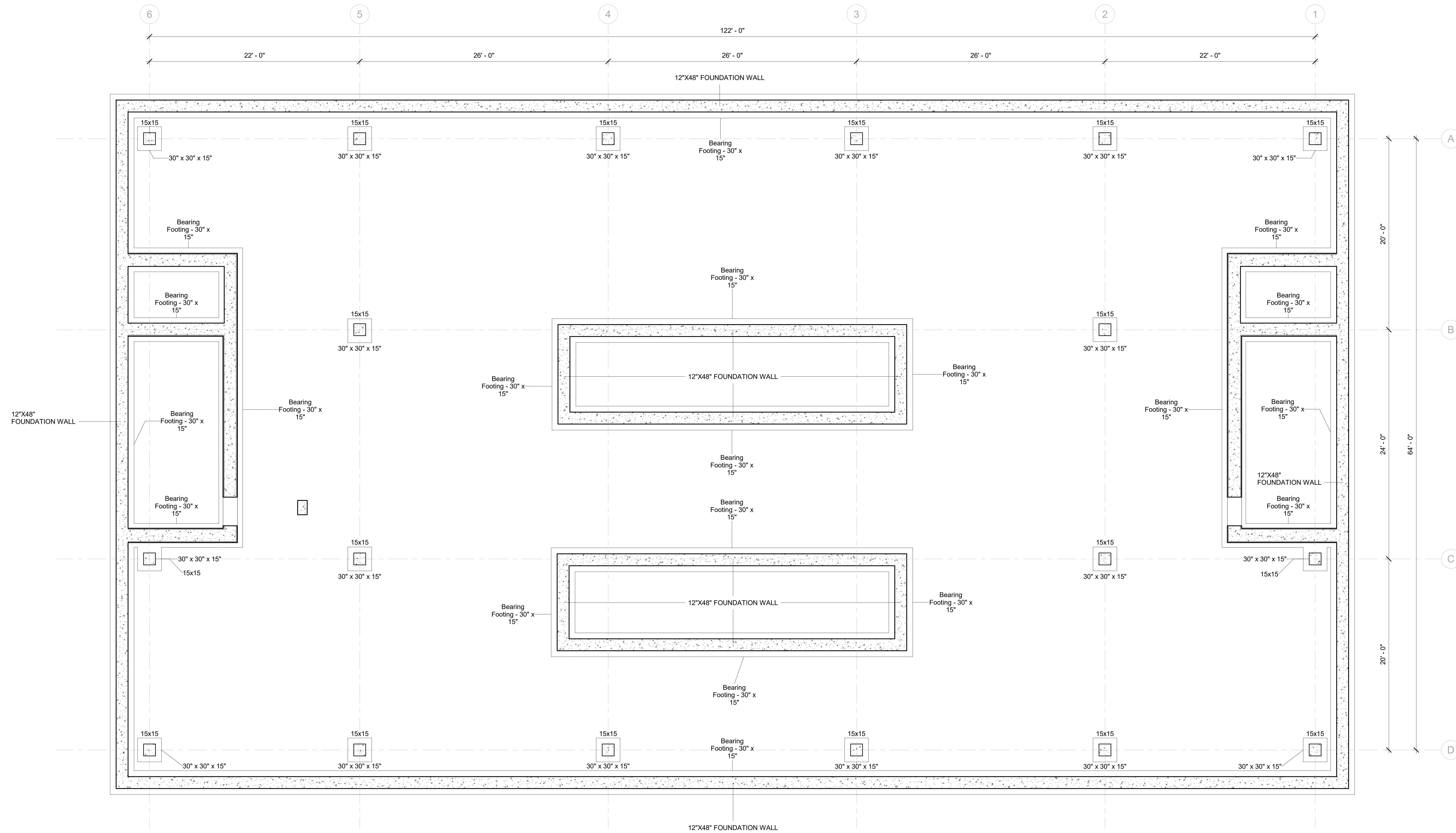
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AQIB BHATTI

RYAN SINGH

NOTE: CONCRETE COLUMNS, ISOLATED FOOTINGS, SPREAD FOOTINGS AND BEARINGS WALLS WILL BE MADE FROM 11,000 PSI CONCRETE



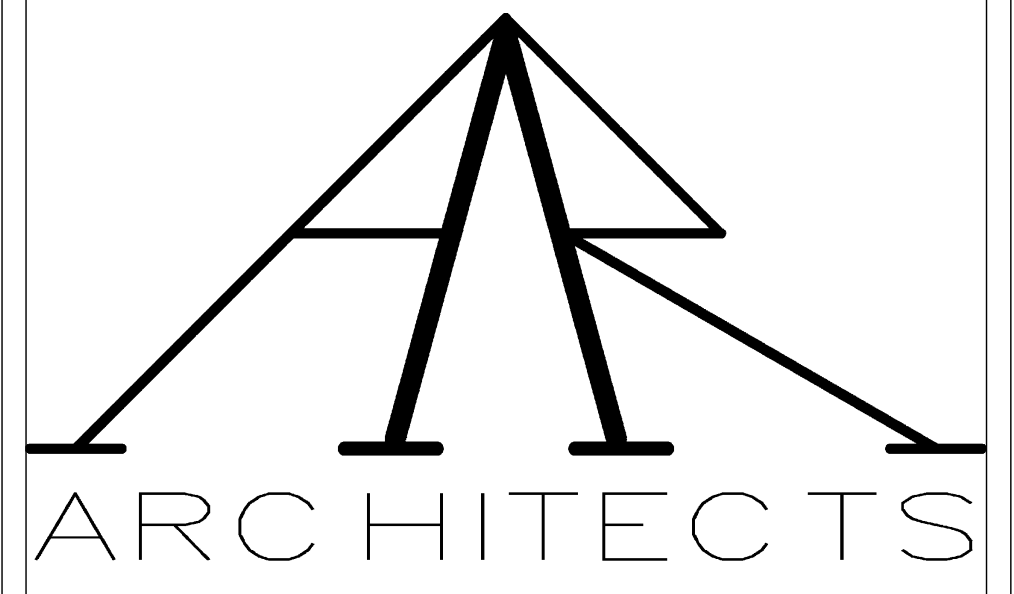
① FOUNDATION PLAN
1/4" = 1'-0"

1 JOHN STREET
FOUNDATION FRAMING PLAN

Project Number	Project Number
Date	Issue Date
Drawn By	AQIB BHATTI, RYAN SINGH
Checked By	Checker

S-100.00

Scale 1/4" = 1'-0"



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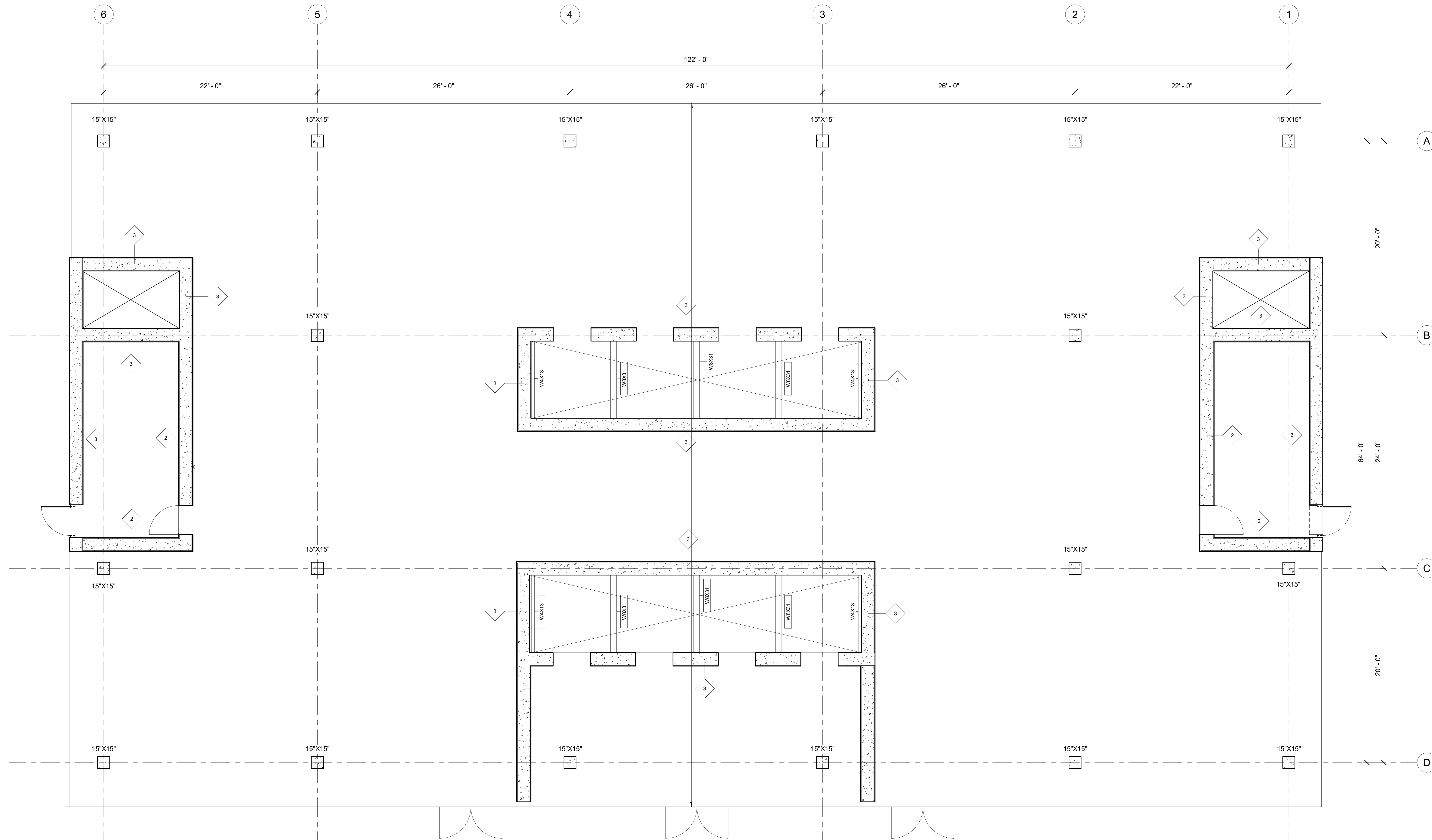
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1 John St Brooklyn NY 11201



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NOTE: CONCRETE COLUMNS, ISOLATED FOOTINGS, SPREAD FOOTINGS AND BEARING WALLS WILL BE MADE FROM 11,000 PSI CONCRETE



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

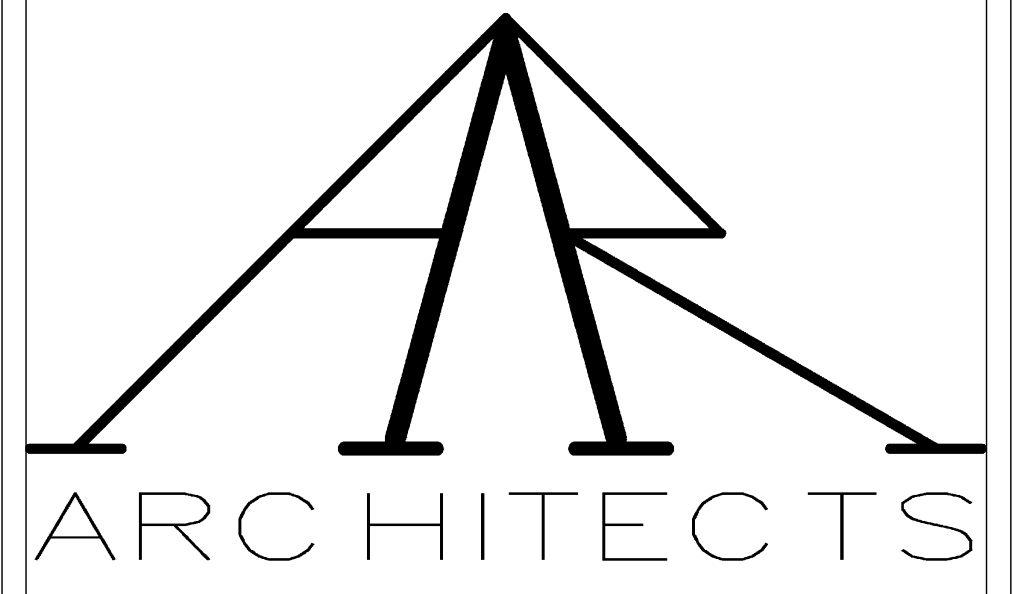
1 JOHN STREET

GROUND FLOOR TYPICAL FRAMING PLAN

Project Number	Project Number
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Drawn By	AQIB BHATTI
Checked By	Checker

S-101.00

Scale 1/4" = 1'-0"



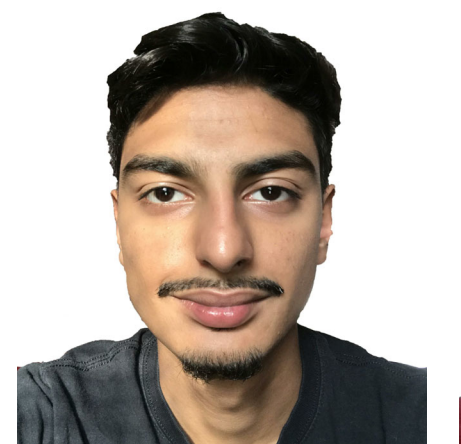
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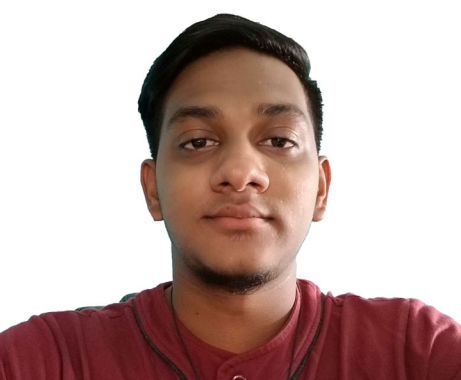
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Project

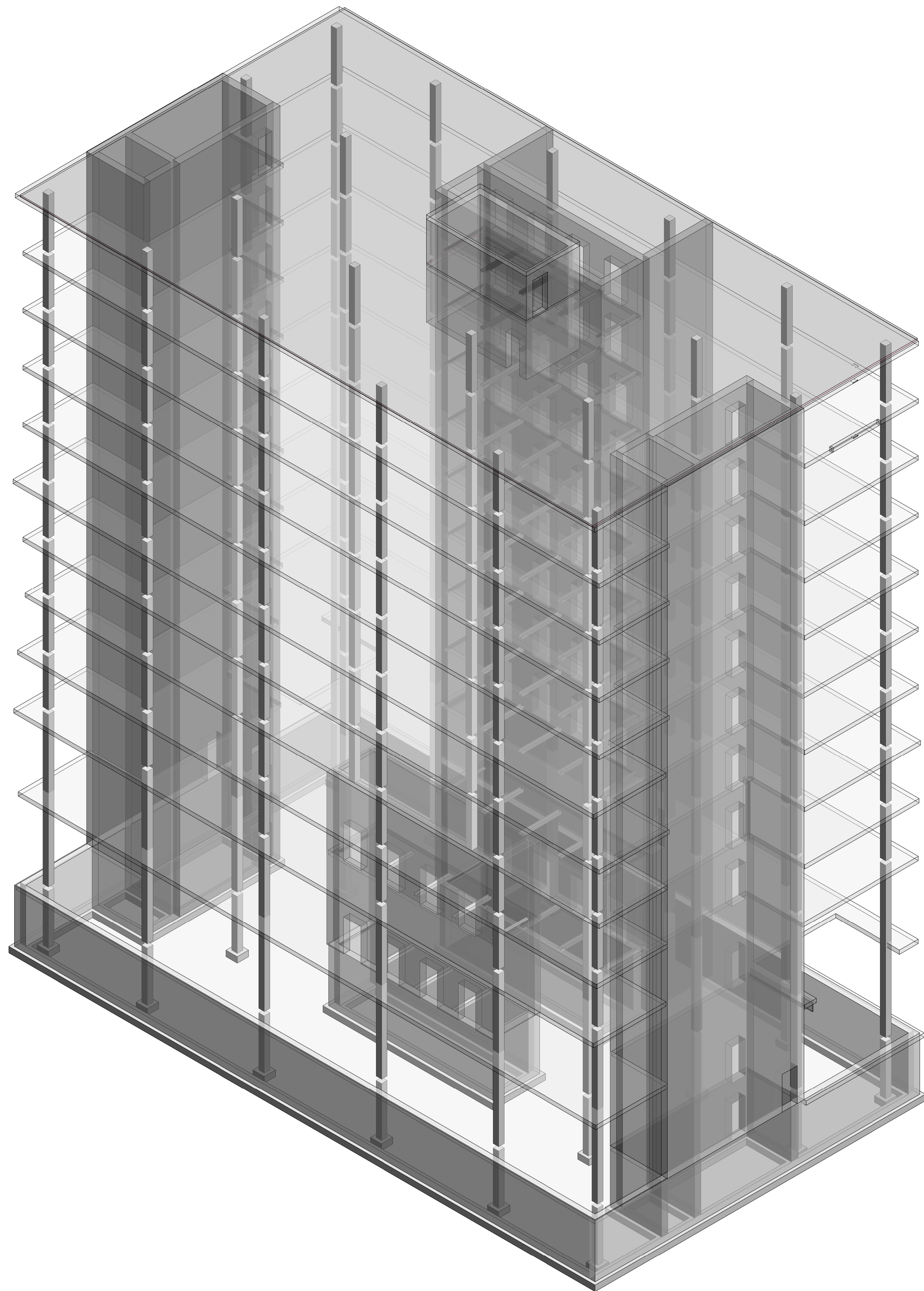
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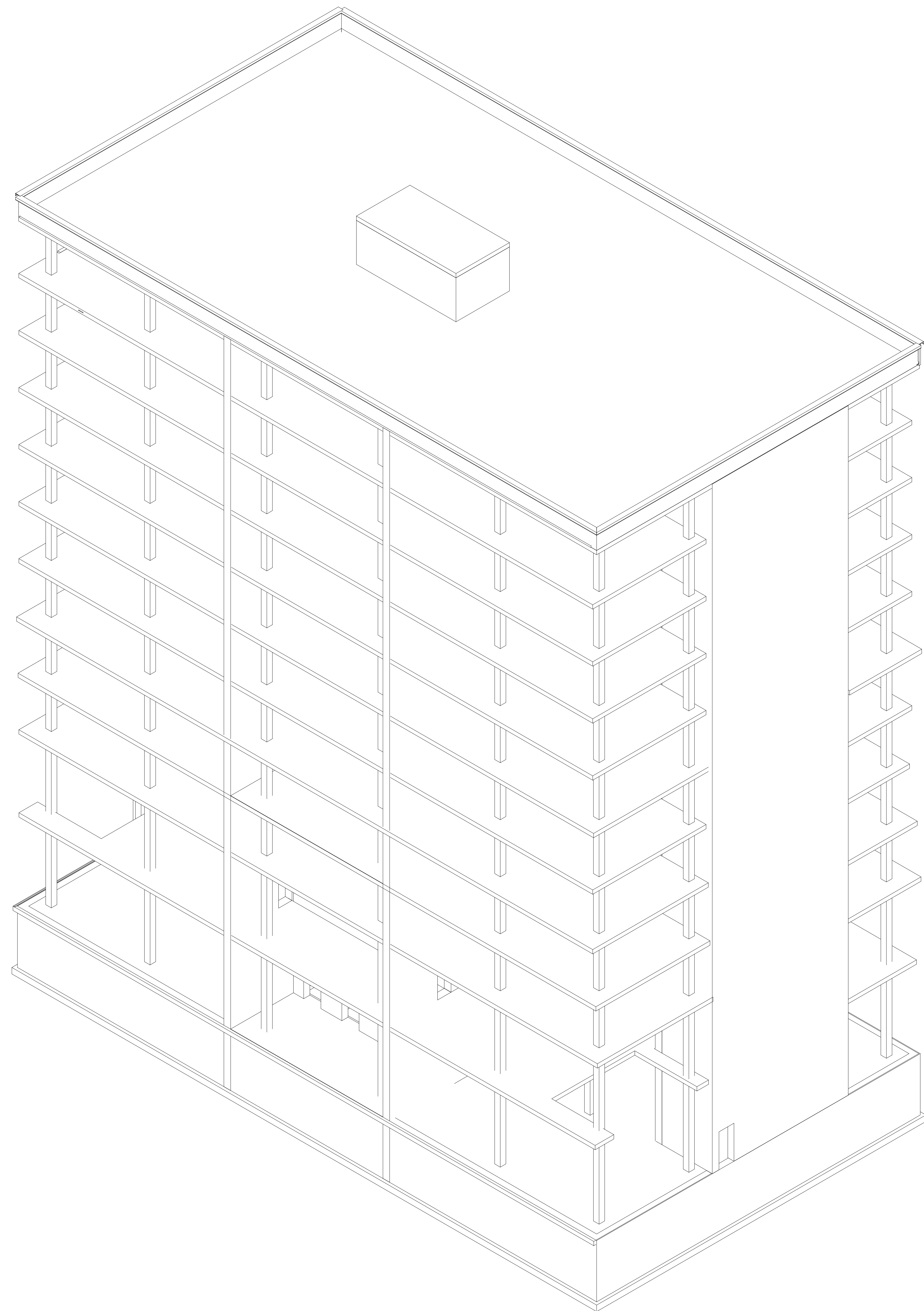
AQIB BHATTI



RYAN SINGH



① S.W. TRANSPARENT STRUCTURAL AXON
1/8"=1'-0"



② N.W. STRUCTURAL AXON
1/8"=1'-0"

1 JOHN STREET

3D VIEW OF CONCRETE FRAME

Project Number

Date

Drawn By AQIB BHATTI, RYAN SINGH

Checked By

Project Number

Issue Date

Checker

S-102.00

Scale 1/8"=1'-0"

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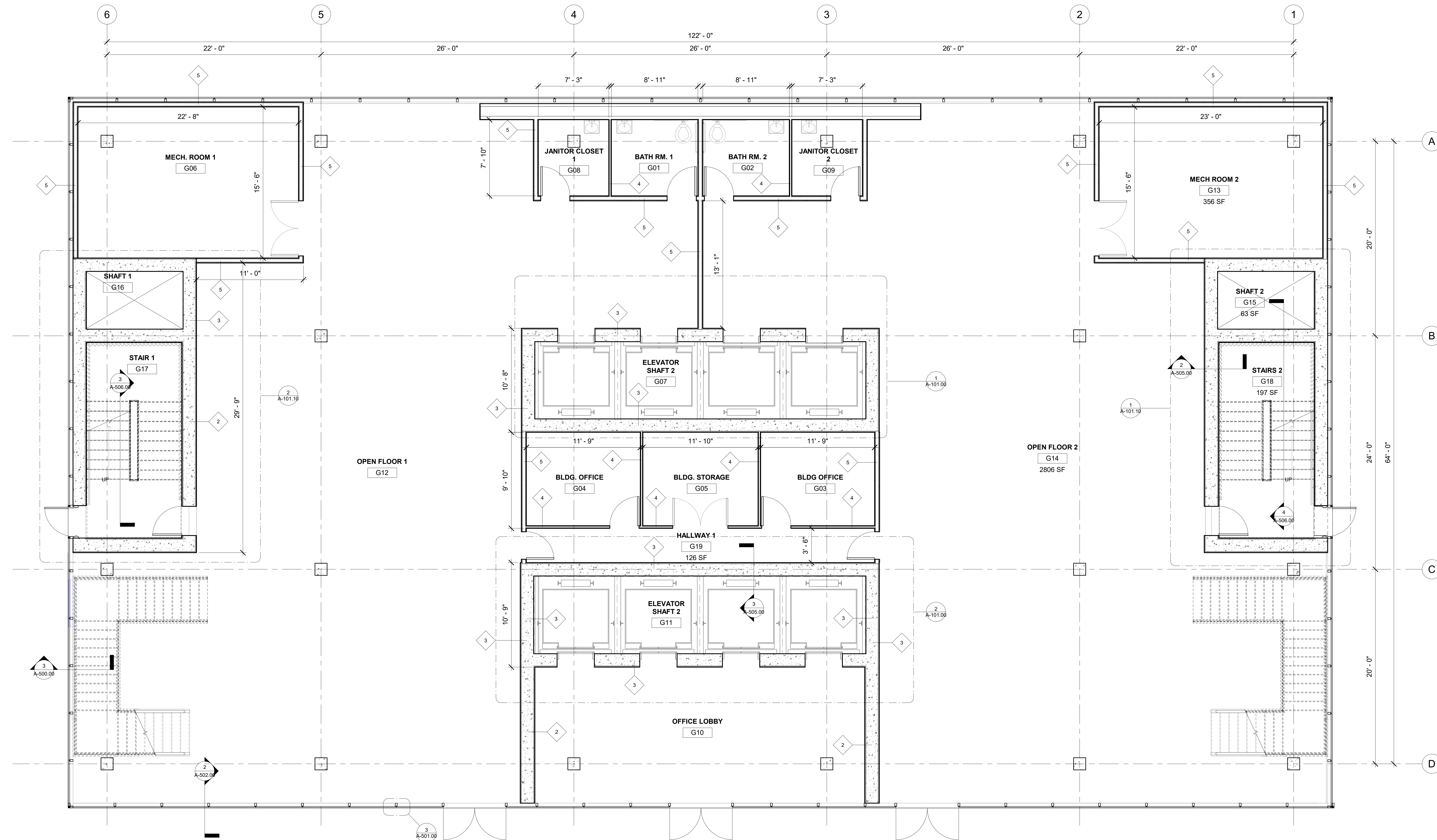
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RYAN SINGH



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

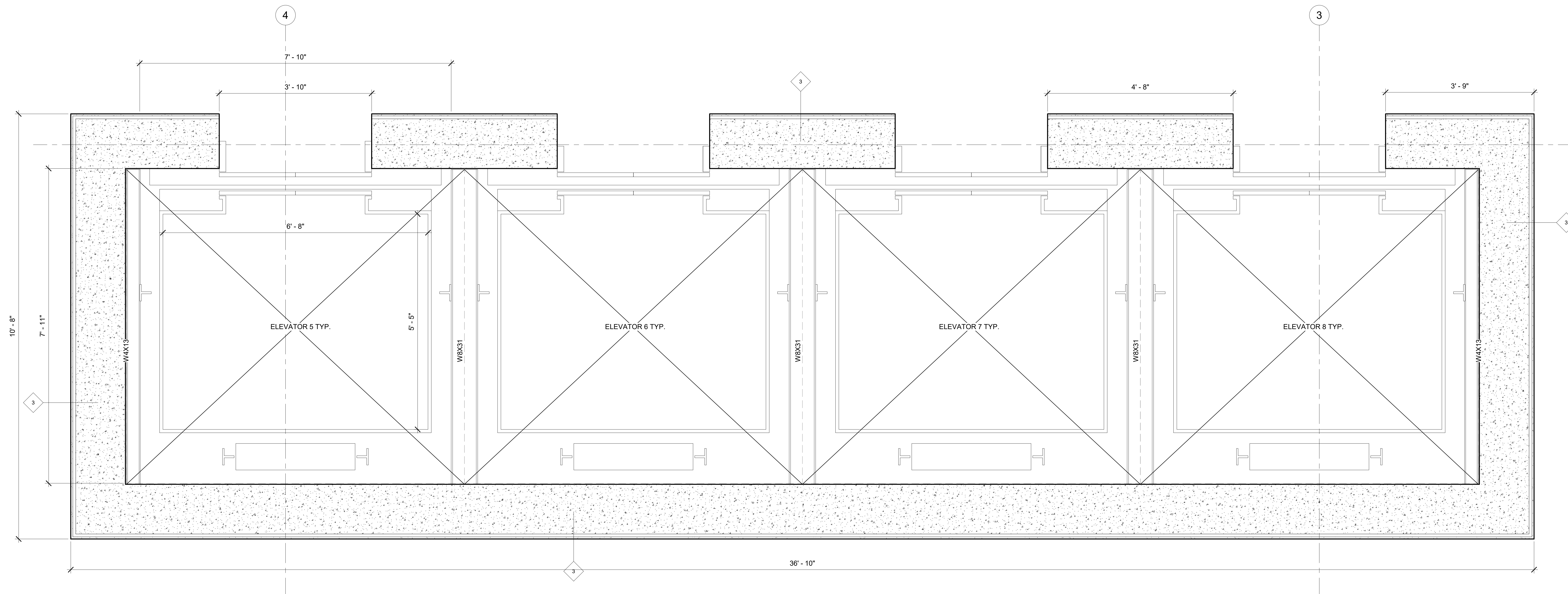
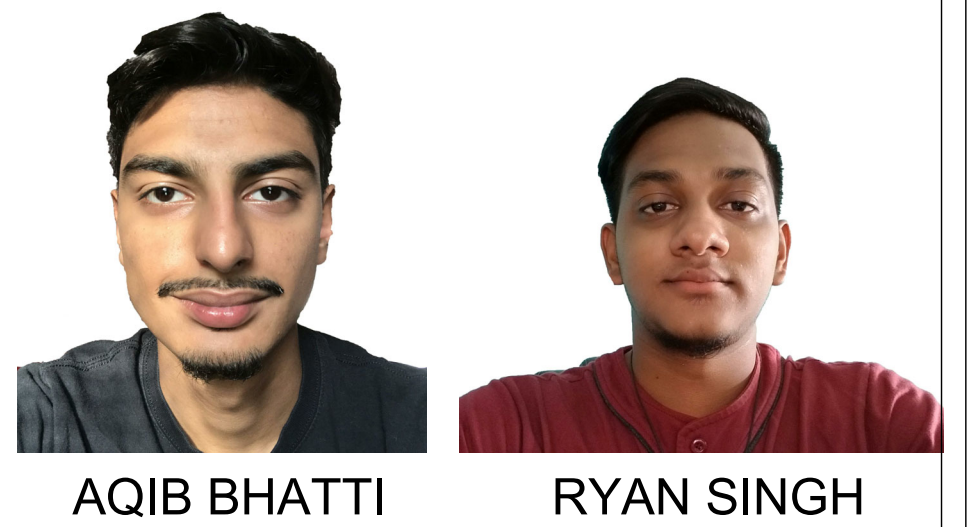
1 JOHN STREET

GROUND FLOOR PLAN

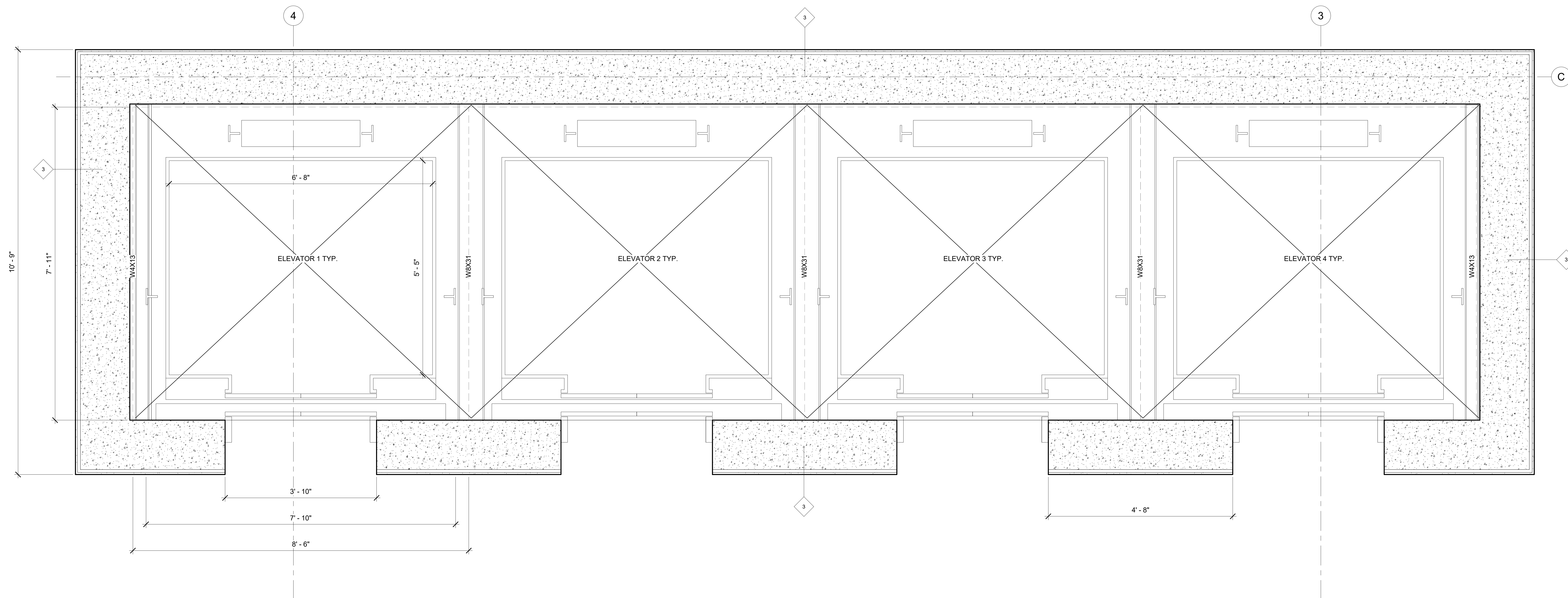
Project Number	Project Number
Date	Issue Date
Drawn By	AQIB BHATTI
Checked By	Checker

A-100.00

Scale



1 RETAIL ELEVATOR ENLARGED CORE PLAN
 1" = 1'-0"

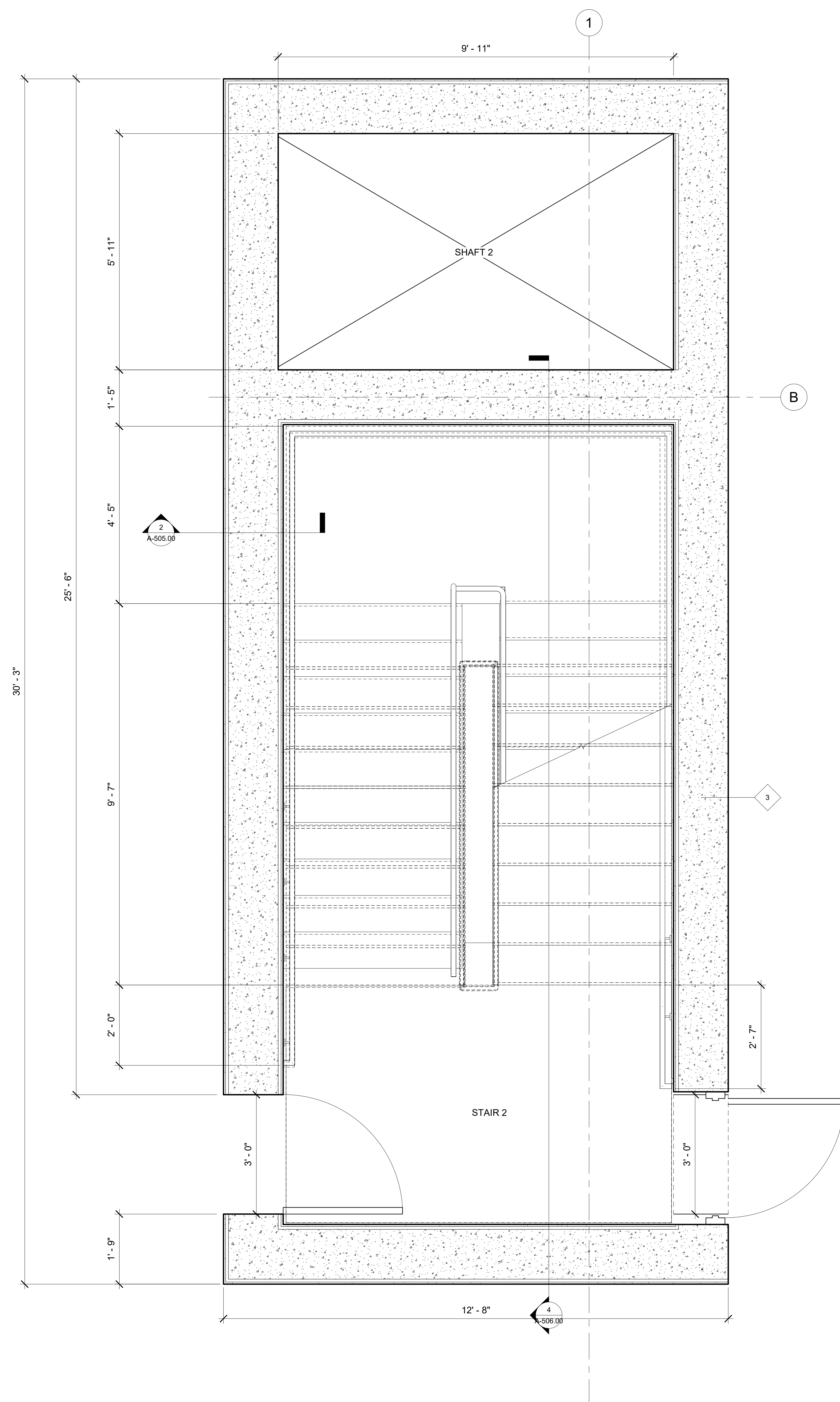
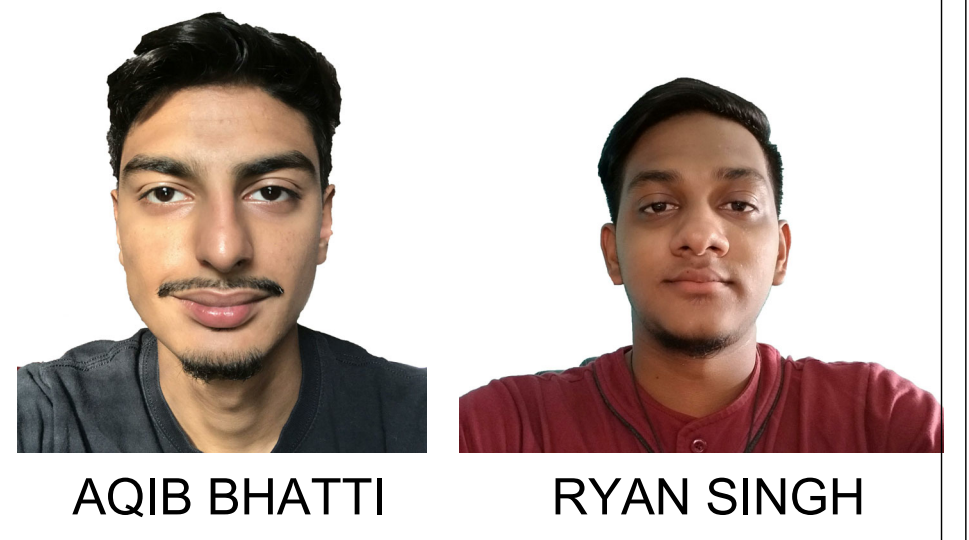


2 OFFICE ELEVATOR ENLARGED CORE PLAN
 1" = 1'-0"

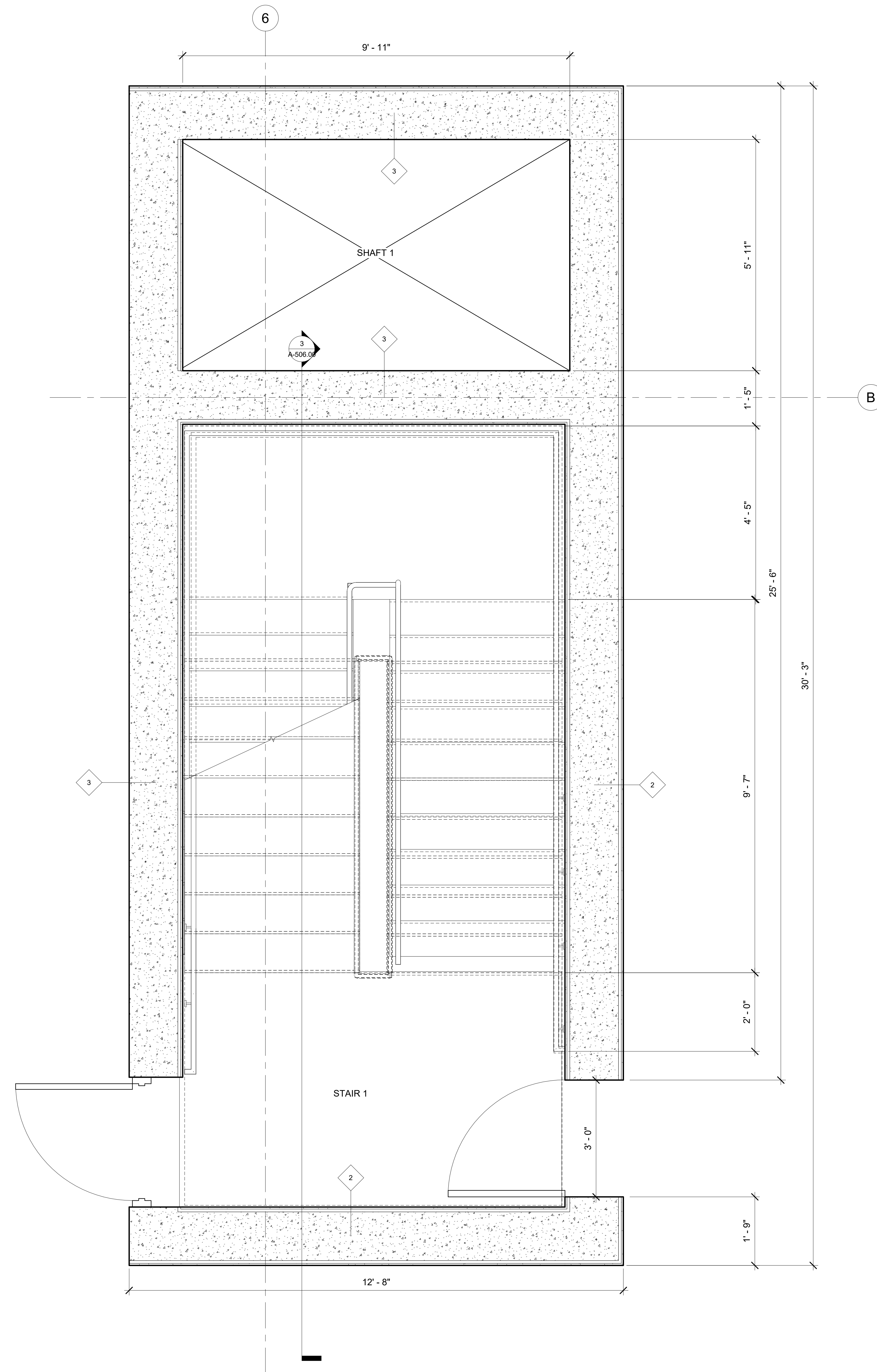
1 JOHN STREET
ENLARGED CORE PLANS-GROUND/TYP FLOOR

Project Number	Project Number
Date	Issue Date
Drawn By	AQIB BHATTI
Checked By	Checker

A-101.00



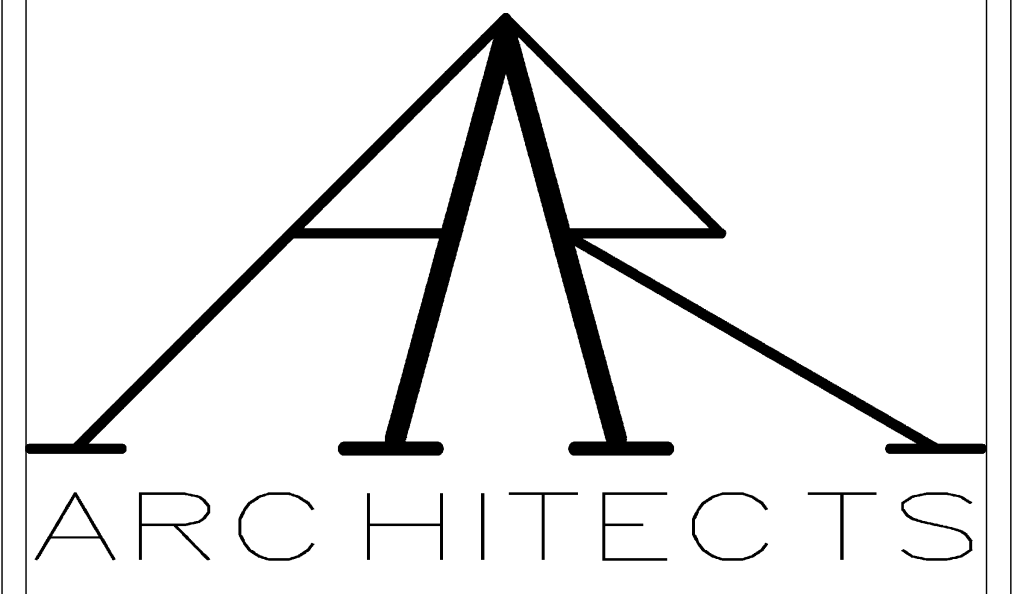
① RIGHT STAIR & SHAFT ENLARGED CORE PLAN
 3/4" = 1'-0"



② LEFT STAIR & SHAFT ENLARGED CORE PLAN
 3/4" = 1'-0"

1 JOHN STREET
ENLARGED CORE PLANS
GROUND/TYP FLOOR

Project Number	Project Number
Date	Issue Date
Drawn By	RYAN SINGH
Checked By	Checker
A-101.10	
Scale	



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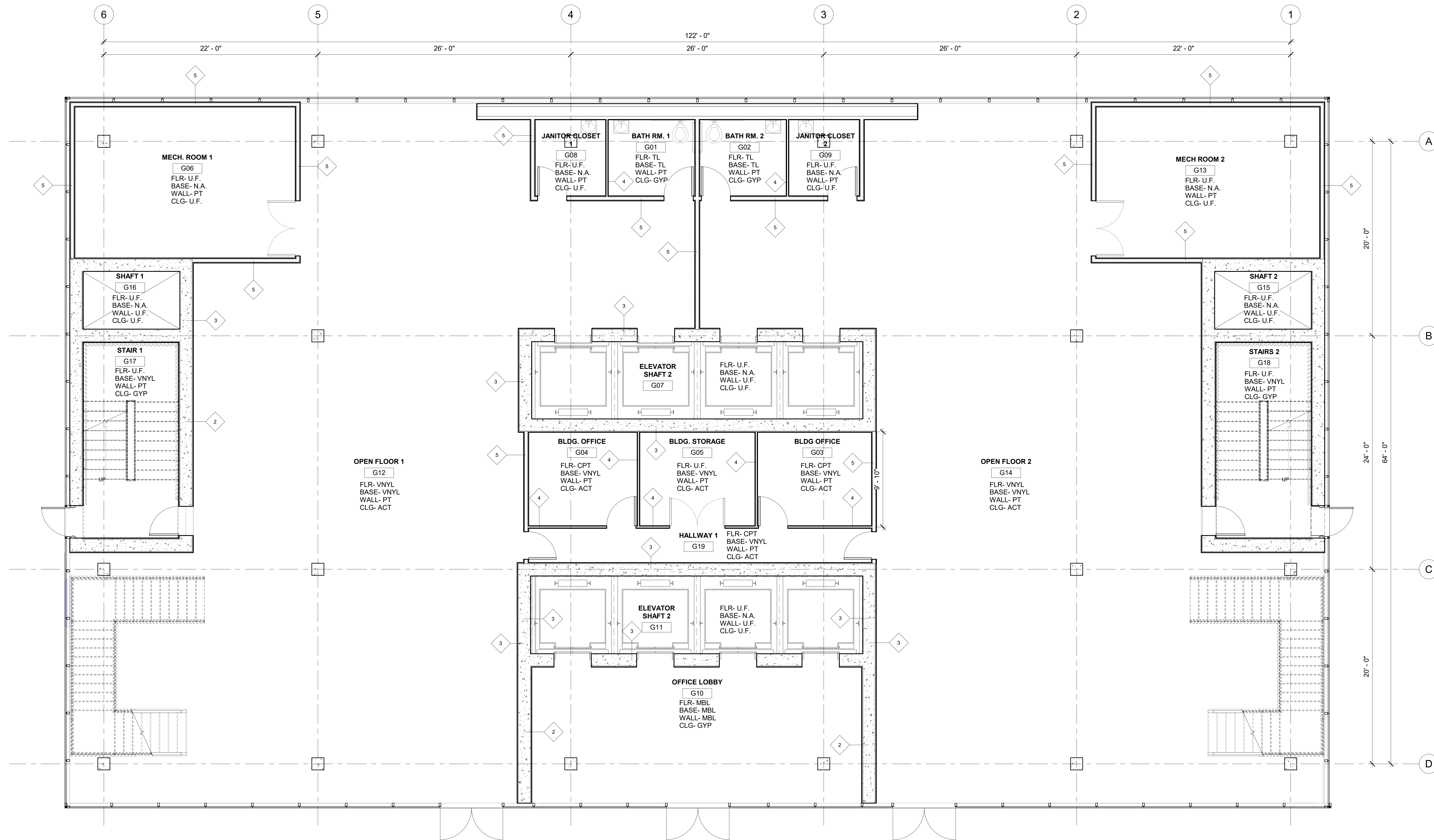
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1 GROUND FLOOR FINISH PLAN
1/4" = 1'-0"

FINISH LEGEND

- FLR - FLOOR FINISH
- BASE - WALL BASE
- WALL - WALL FINISH
- CLG - CEILING
- MBL - WHITE MARBLE
- CPT - CARPET TILES
- VNYL - COMPOSITE VINYL
- TL - PORCELIN TILES
- PT - WHITE PAINT
- N.A. - NOT APPLICABLE
- U.F. - UNFINISHED CONCRETE

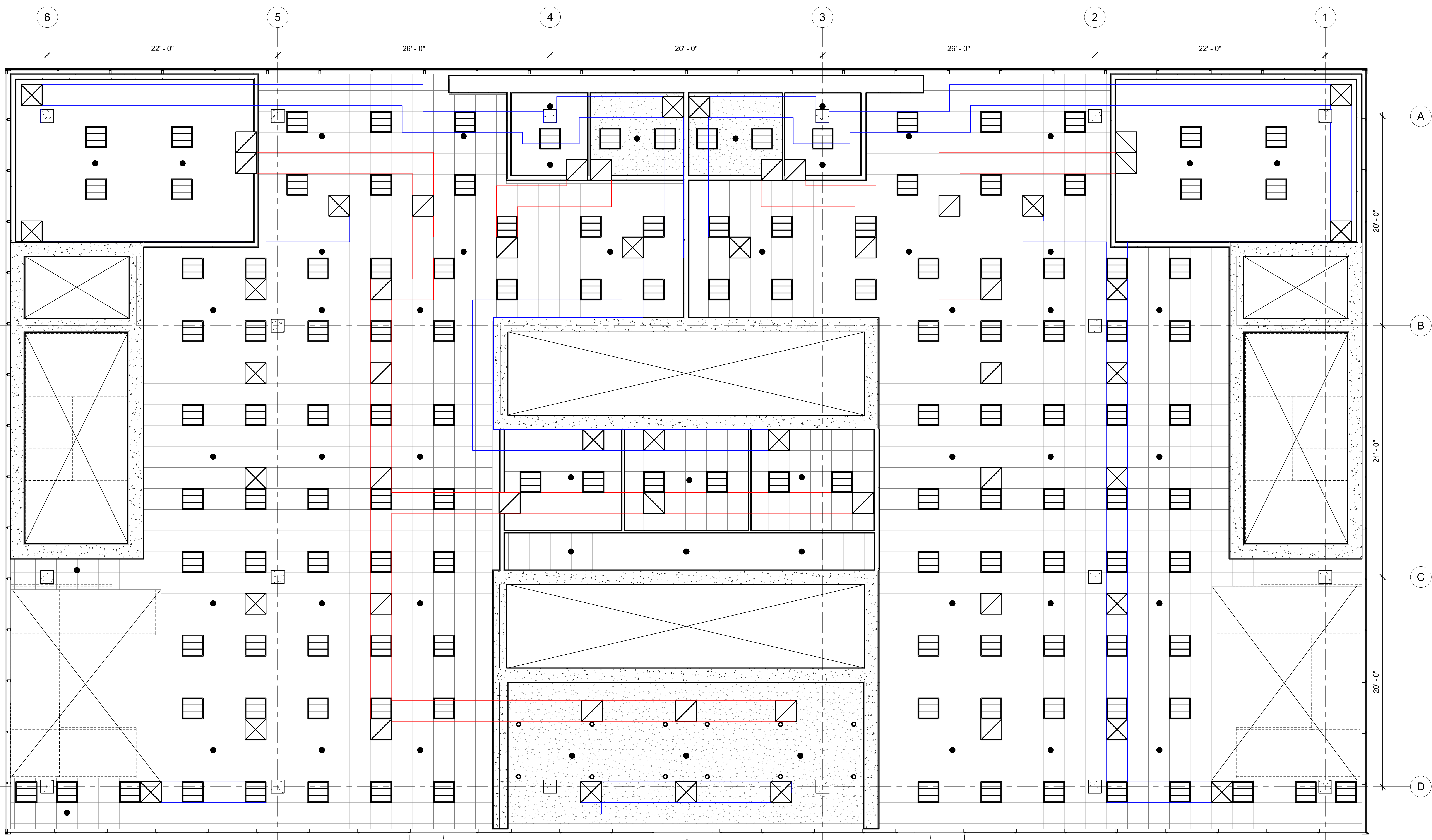
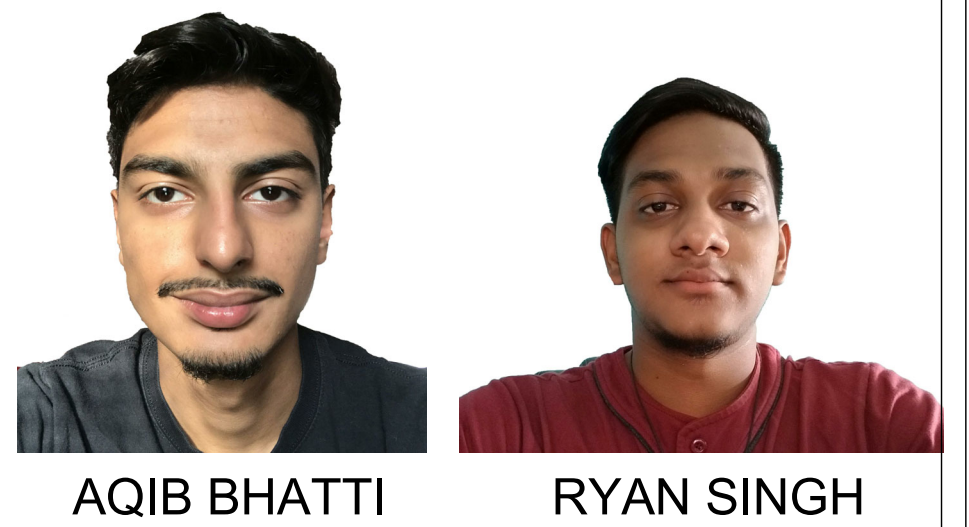
1 JOHN STREET

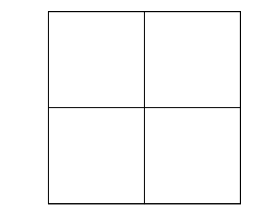
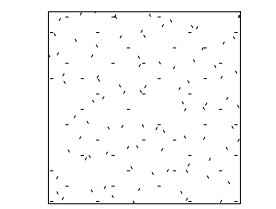
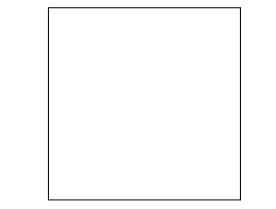
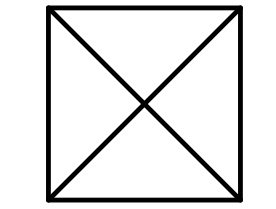
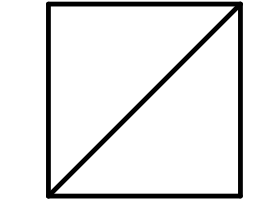
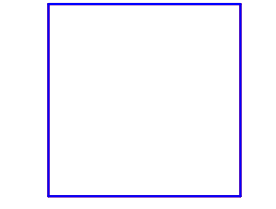
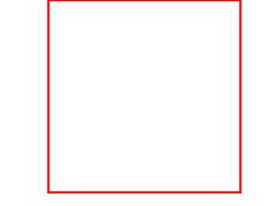
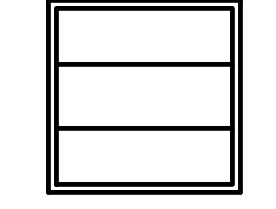
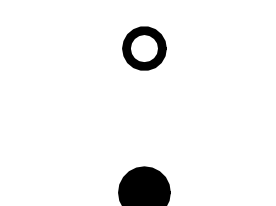
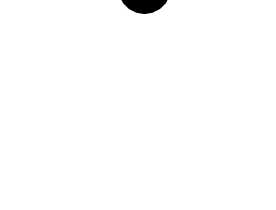
FINISH PLAN-GROUND FLOOR

Project Number	Project Number
Date	Issue Date
Drawn By	AQIB BHATTI
Checked By	Checker

A-102.00

Scale



-  ACOUSTIC CEILING
-  GYPSUM BOARD CEILING
-  UNFINISHED CEILING
-  SUPPLY VENT
-  RETURN VENT
-  SUPPLY DUCT
-  RETURN DUCT
-  LIGHTING FIXTURE
-  RECESSED LIGHTING FIXTURE
-  SPRINKLER

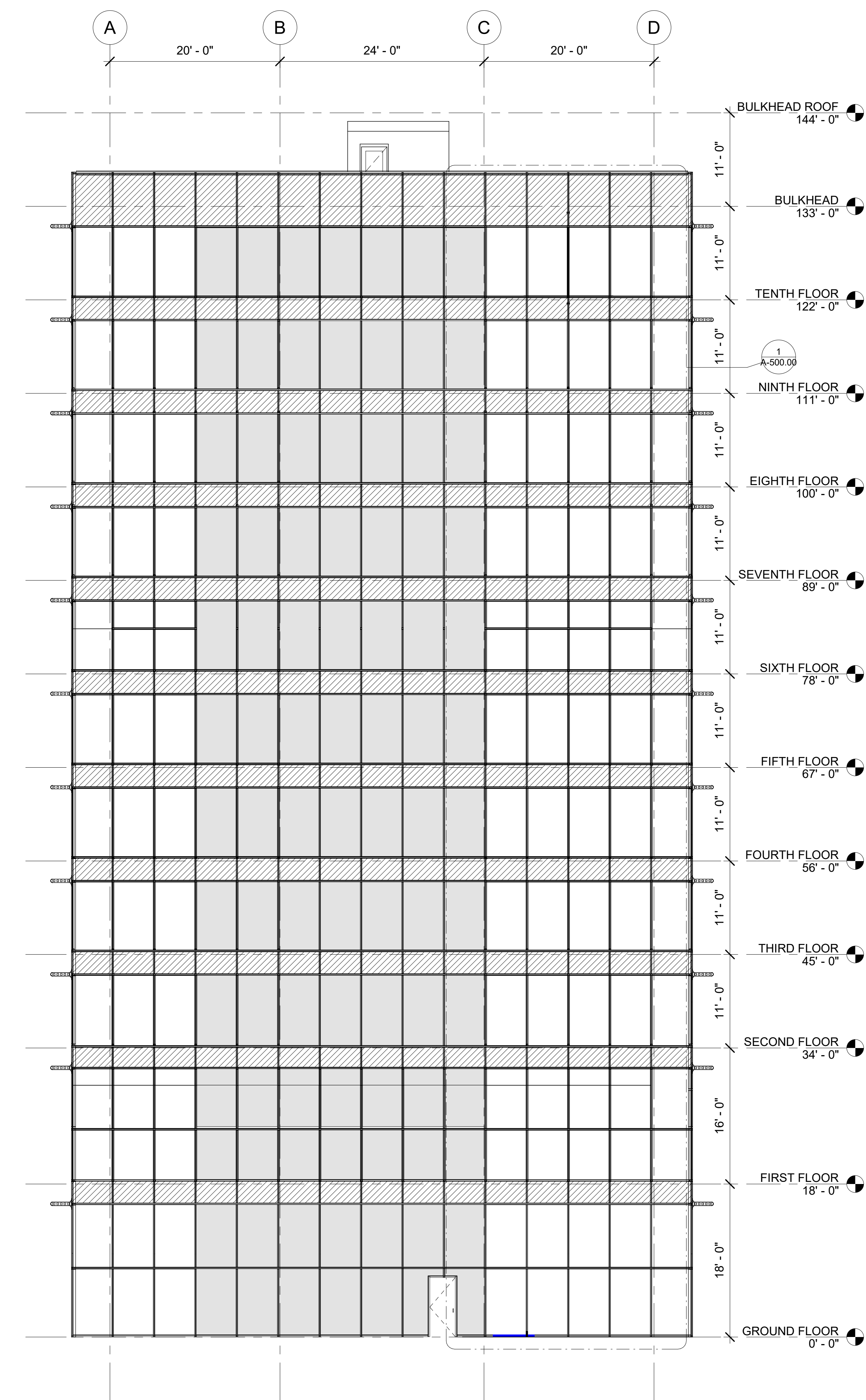
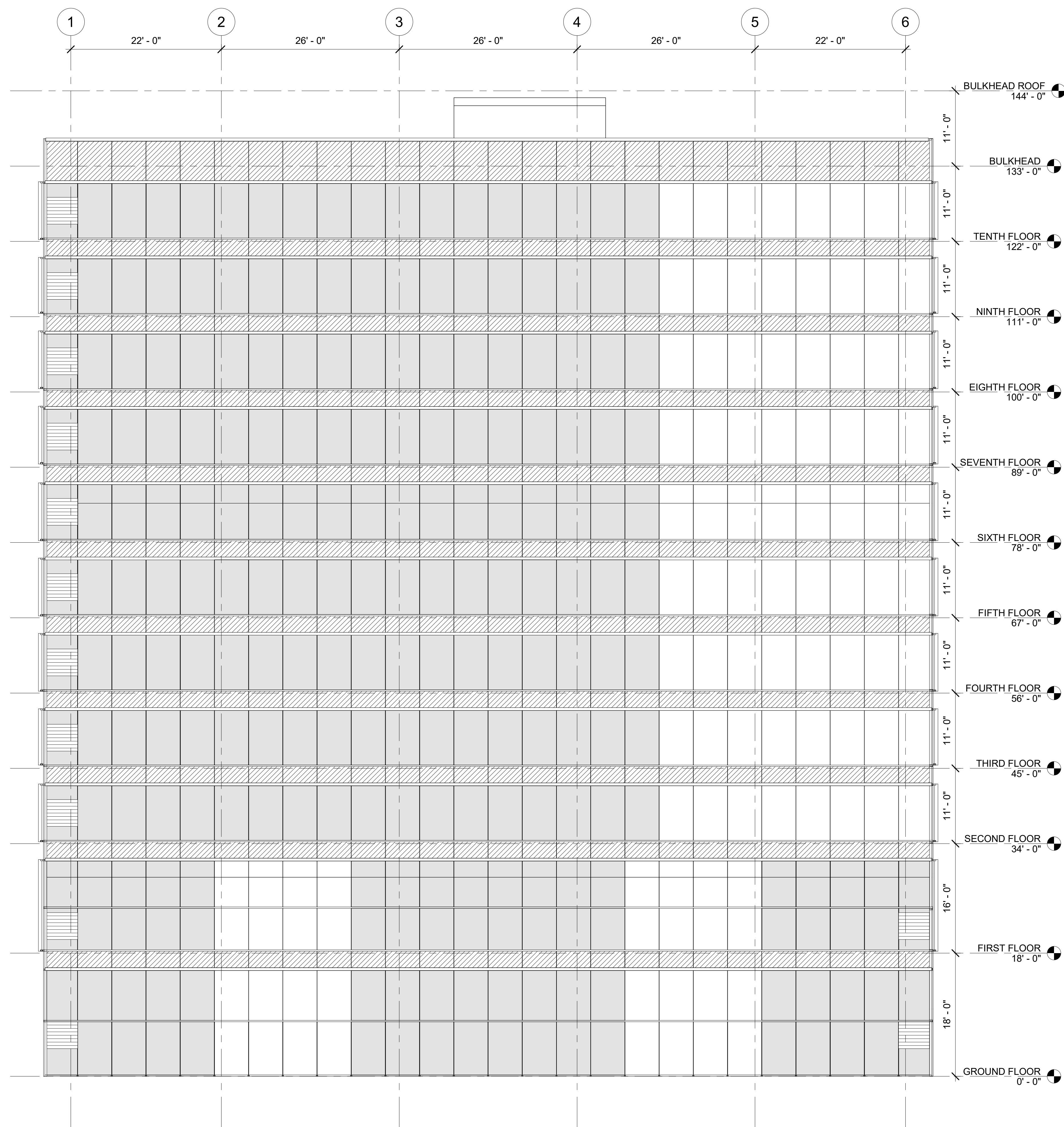
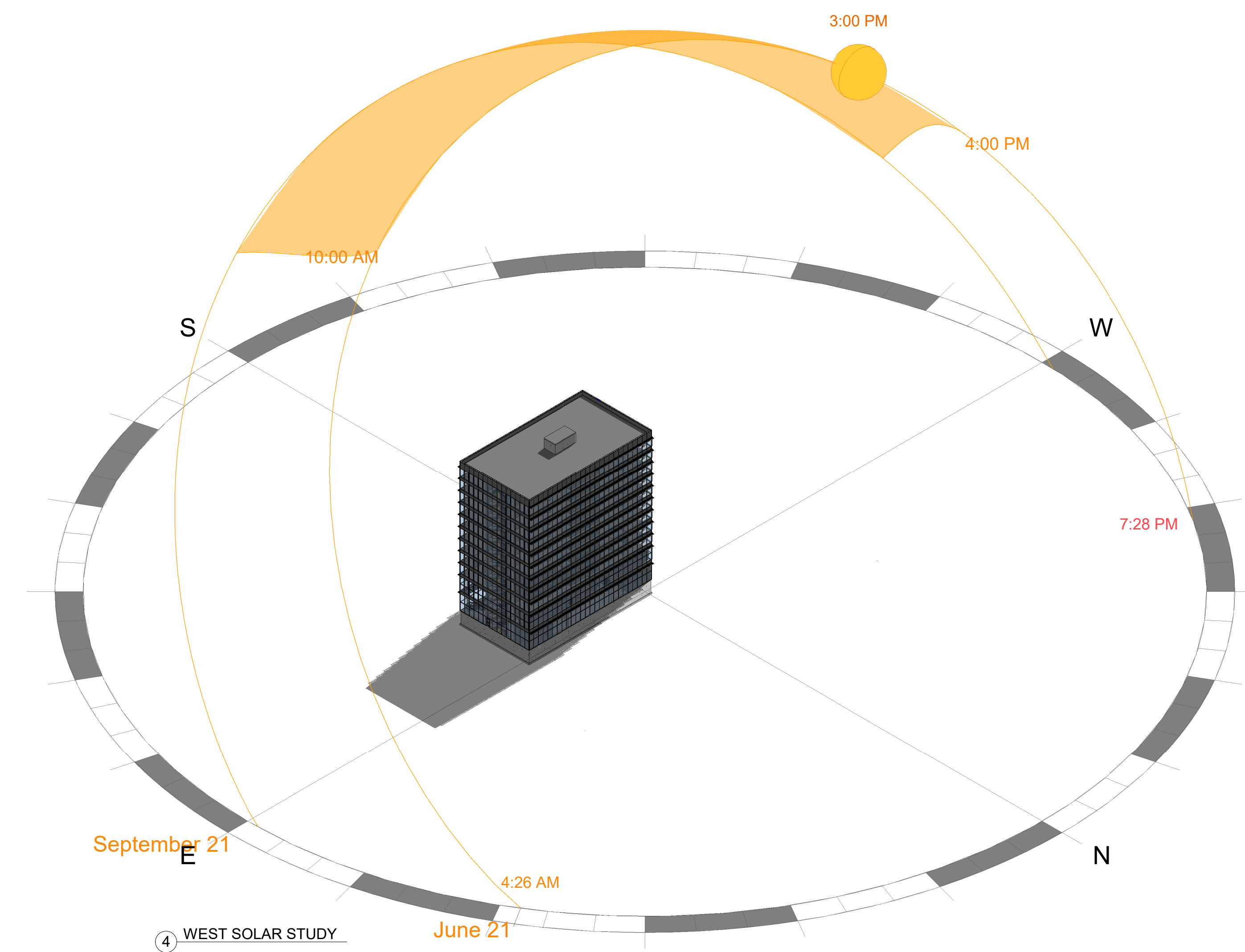
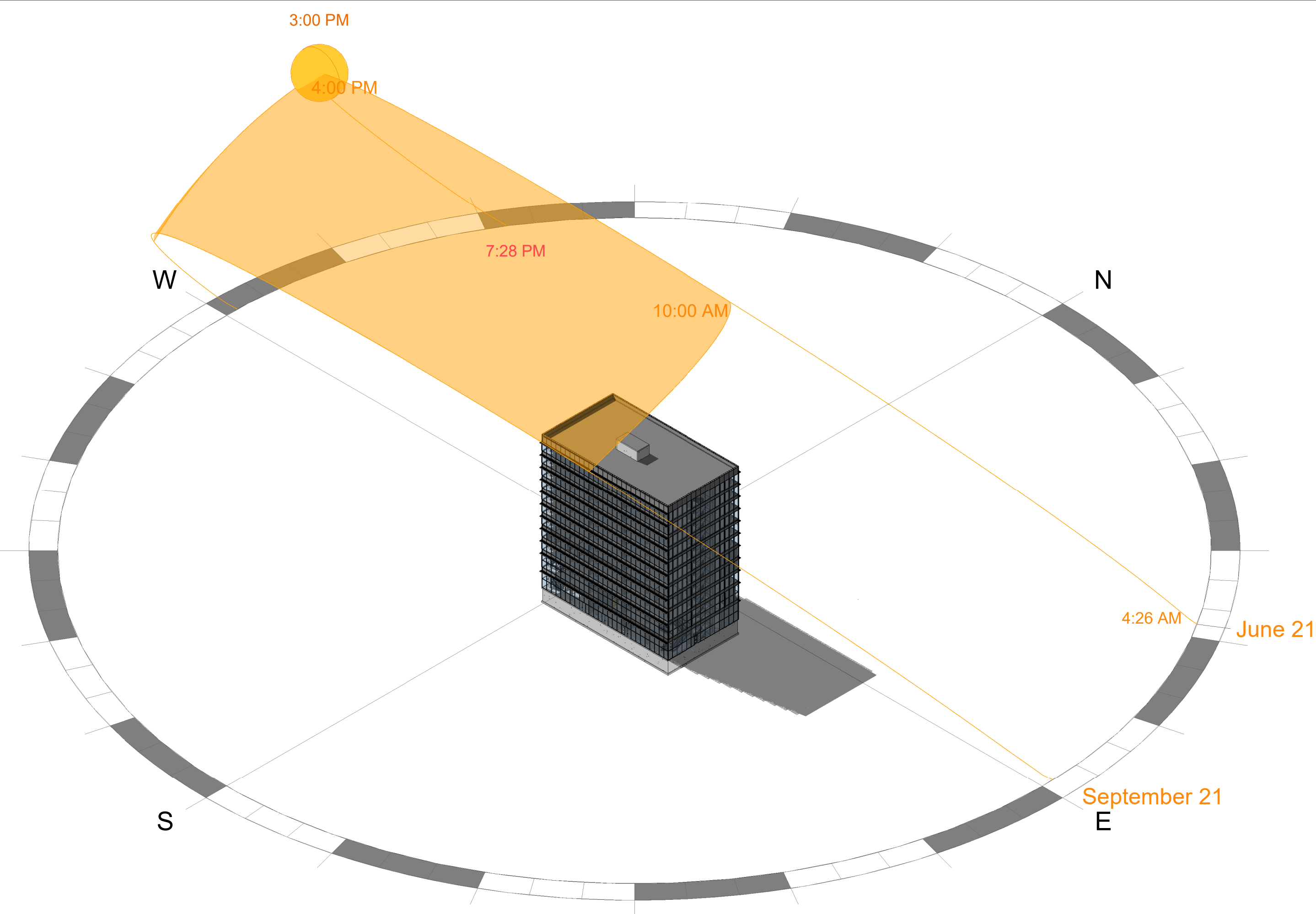
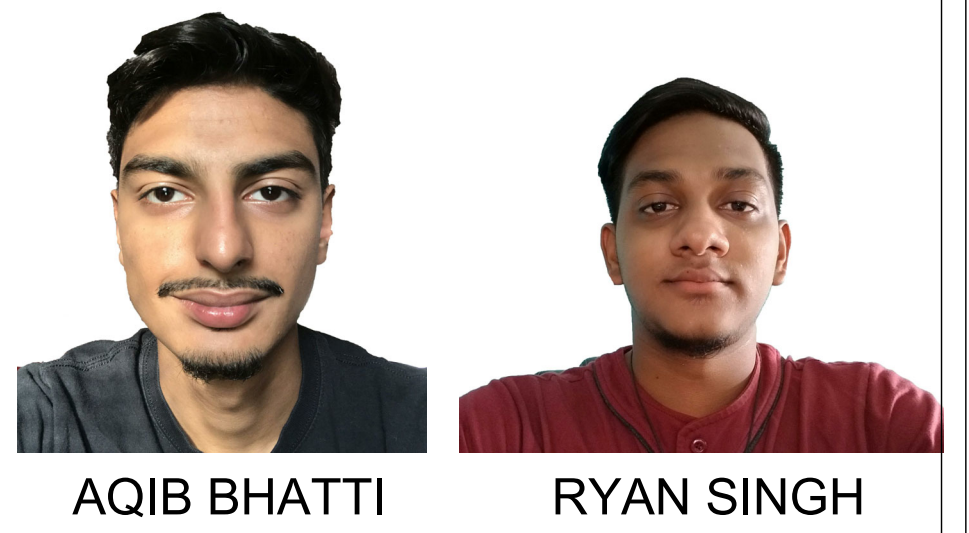
① GROUND FLOOR REFLECTED CEILING PLAN
 1/4" = 1'-0"

1 JOHN STREET

REFLECTED CEILING PLANS-GROUND/TYP FLOOR

Project Number	Project Number
Date	Issue Date
Drawn By	AQIB BHATTI
Checked By	Checker

A-200.00



1 JOHN STREET

OVERALL ELEVATIONS NORTH AND WEST

Project Number	Project Number
Date	Issue Date
Drawn By	RYAN SINGH
Checked By	Checker

A-300.00

Scale

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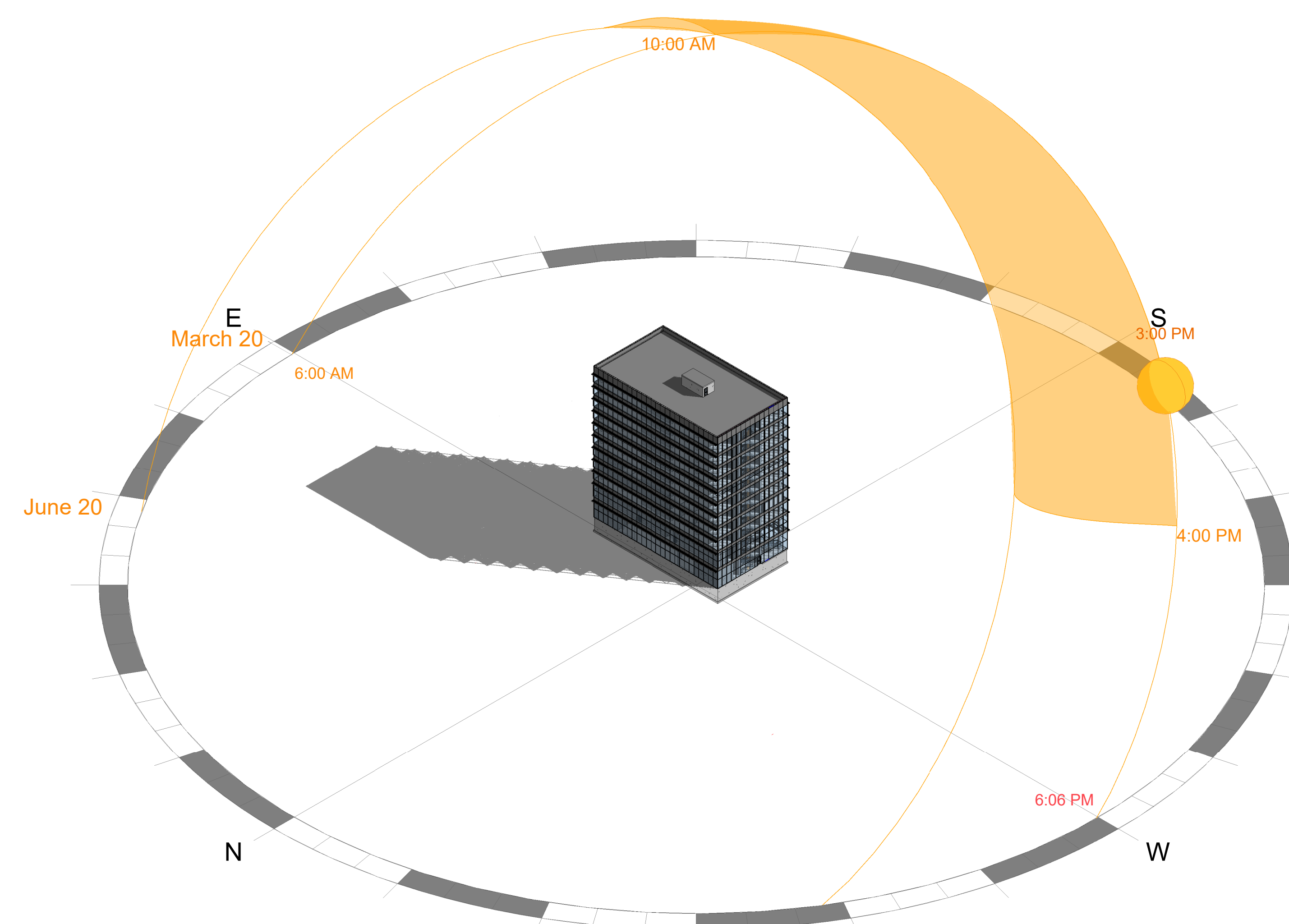
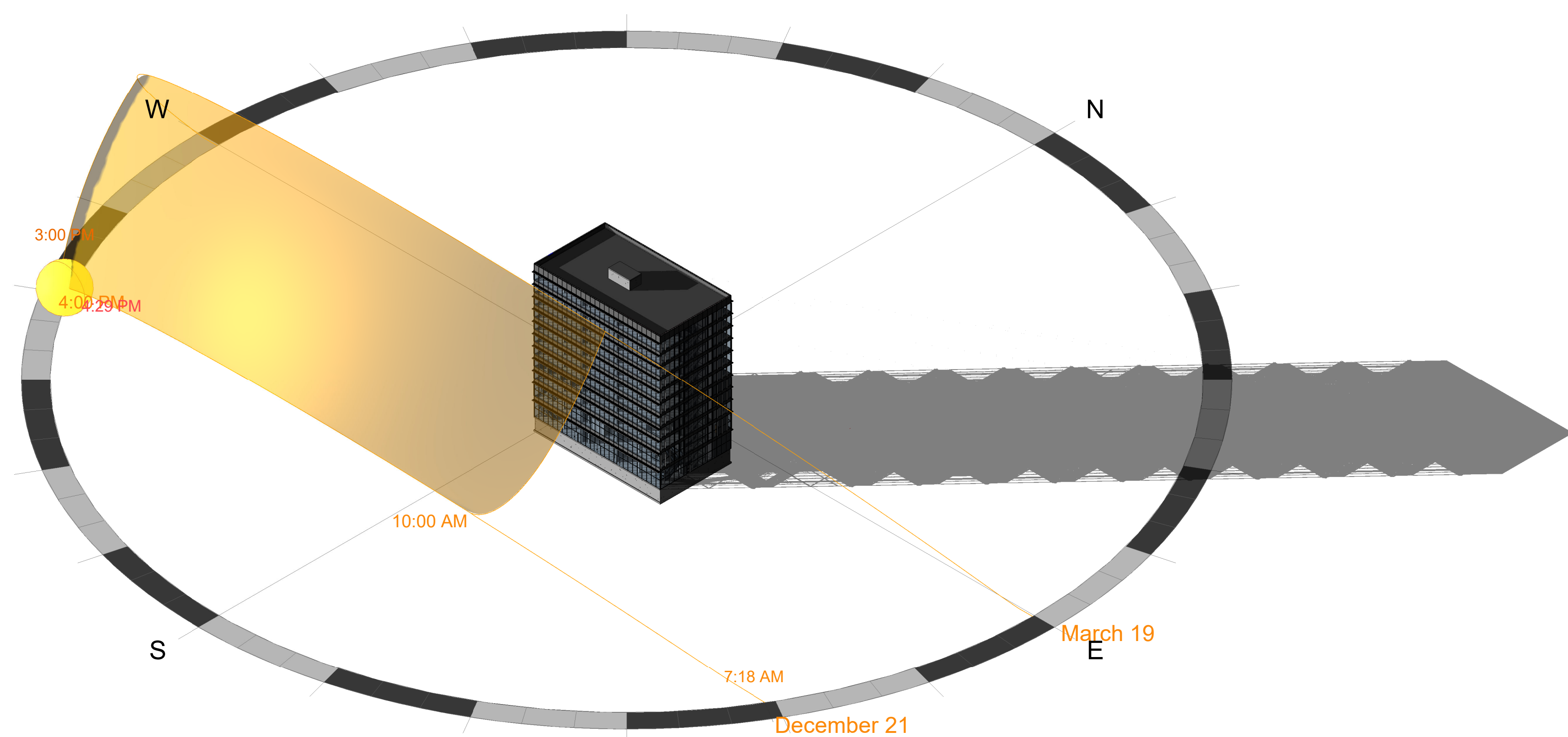
Project

Address
1 John St Brooklyn NY 11201

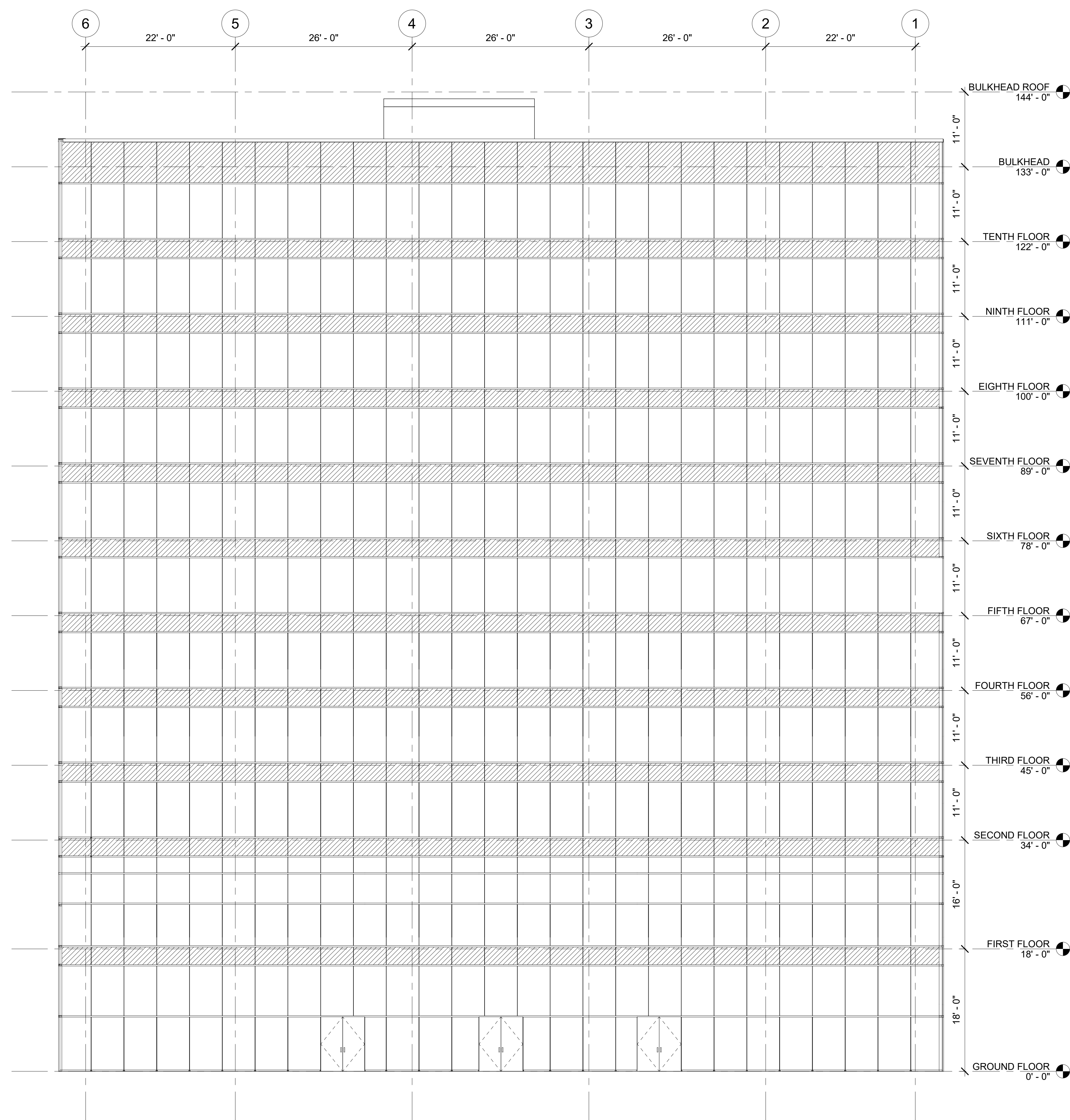


AQIB BHATTI

RYAN SINGH

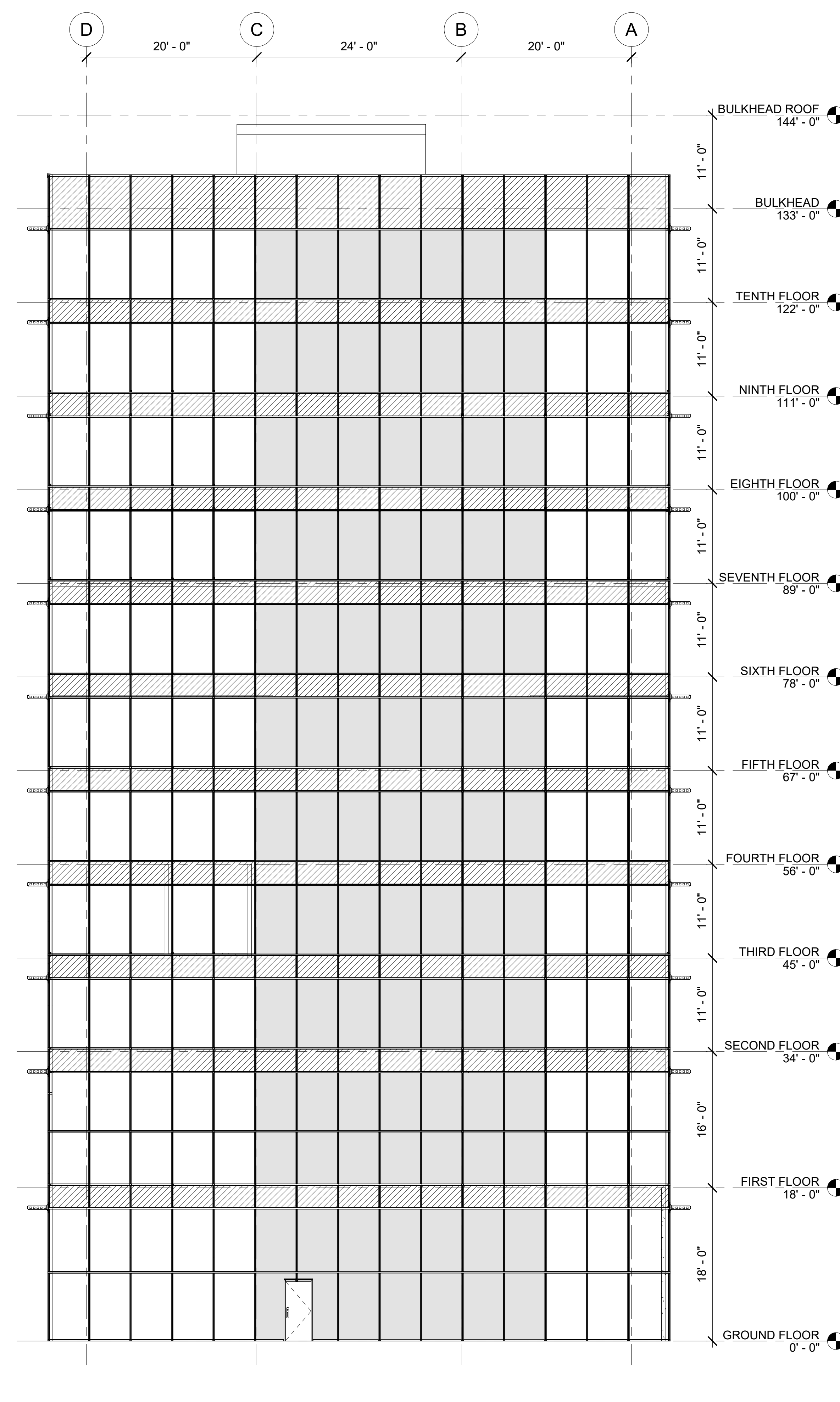


3 SOUTH SOLAR STUDY



1 BUILDING ELEVATION SOUTH
1/8" = 1'-0"

4 EAST SOLAR STUDY



2 BUILDING ELEVATION EAST
1/8" = 1'-0"

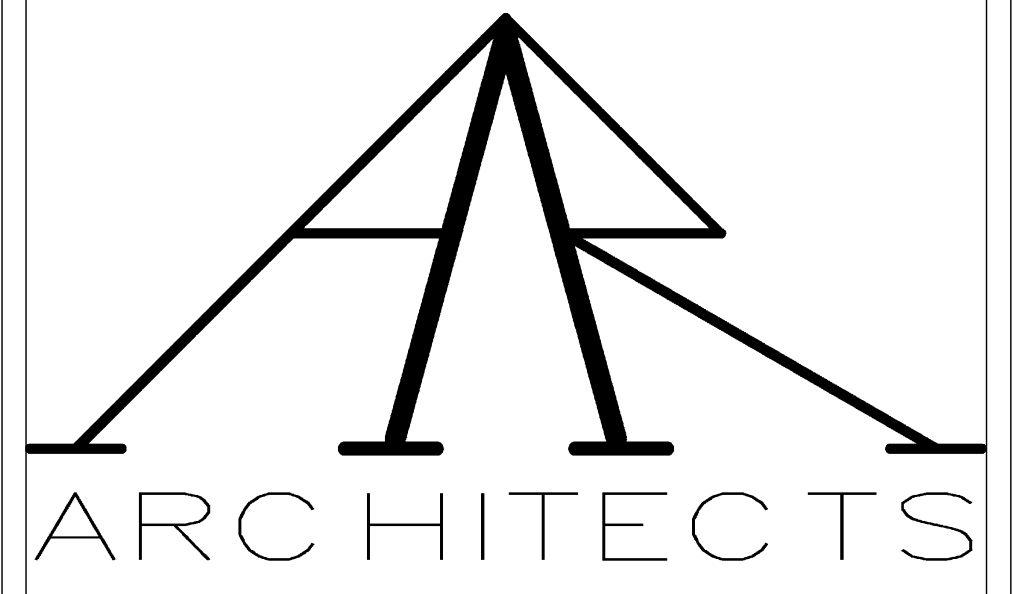
1 JOHN STREET

OVERALL ELEVATIONS SOUTH AND EAST

Project Number	Project Number
Date	Issue Date
Drawn By	RYAN SINGH
Checked By	Checker

A-301.00

Scale



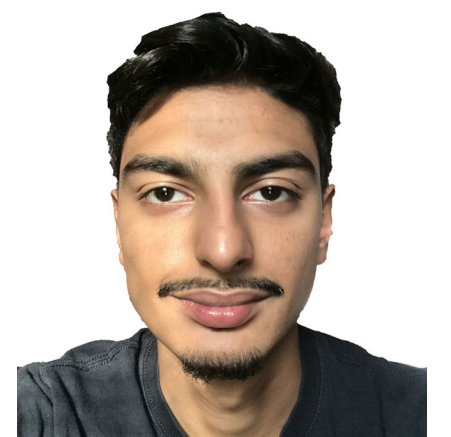
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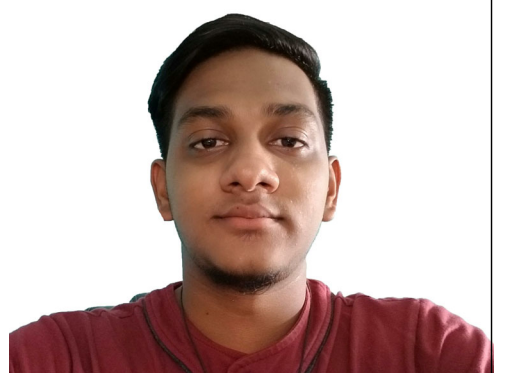
Architect Ryan Singh
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Project

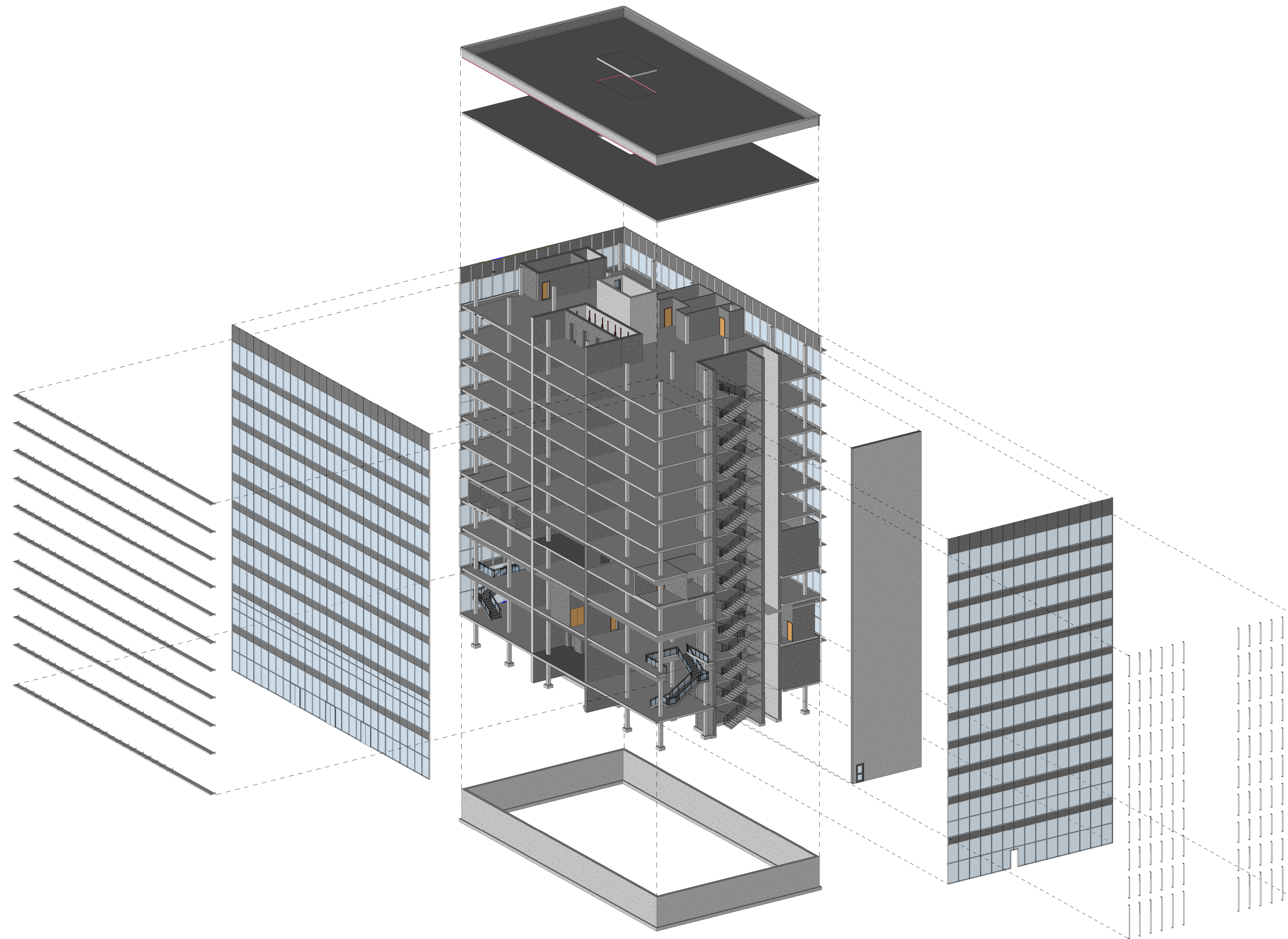
Address
1 John St Brooklyn NY 11201



AQIB BHATTI



RYAN SINGH



① 3D EXPLODED BUILDING DIAGRAM

1 JOHN STREET

3D EXPLODED BUILDING DIAGRAM

Project Number	Project Number
Date	Issue Date
Drawn By	AQIB BHATTI
Checked By	Checker

A-400.00

Scale

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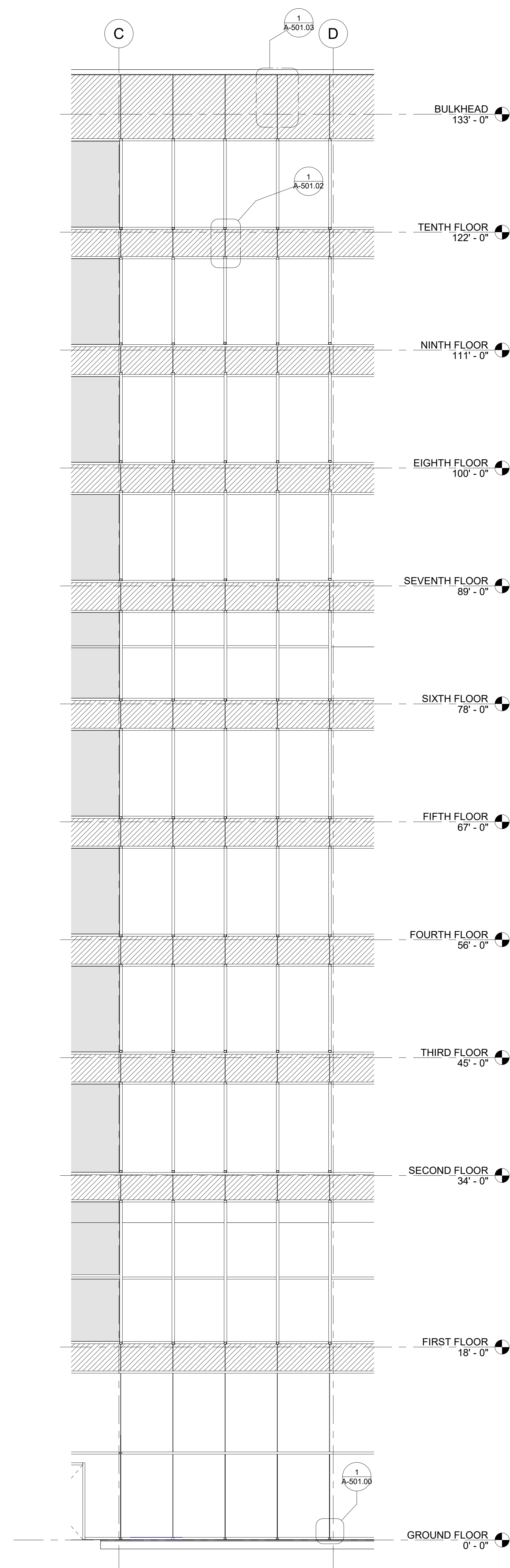
1 JOHN STREET

ENLARGED CURTAIN WALL ELEVATION-WALL SECTION

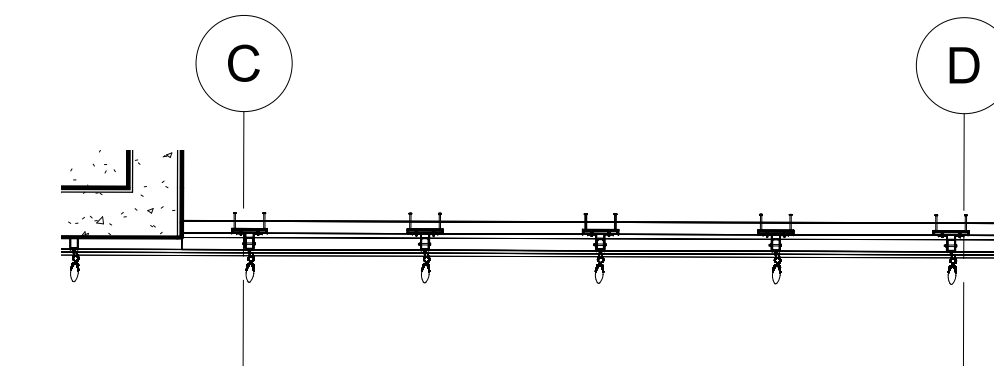
Project Number	Project Number
Date	Issue Date
Drawn By	RYAN SINGH
Checked By	Checker

A-500.00

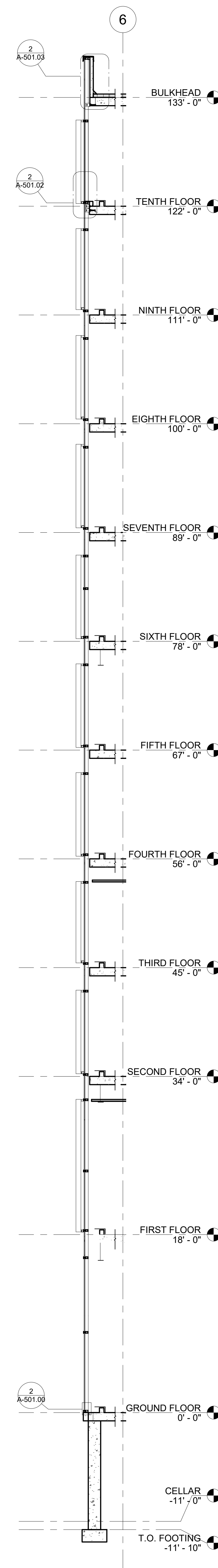
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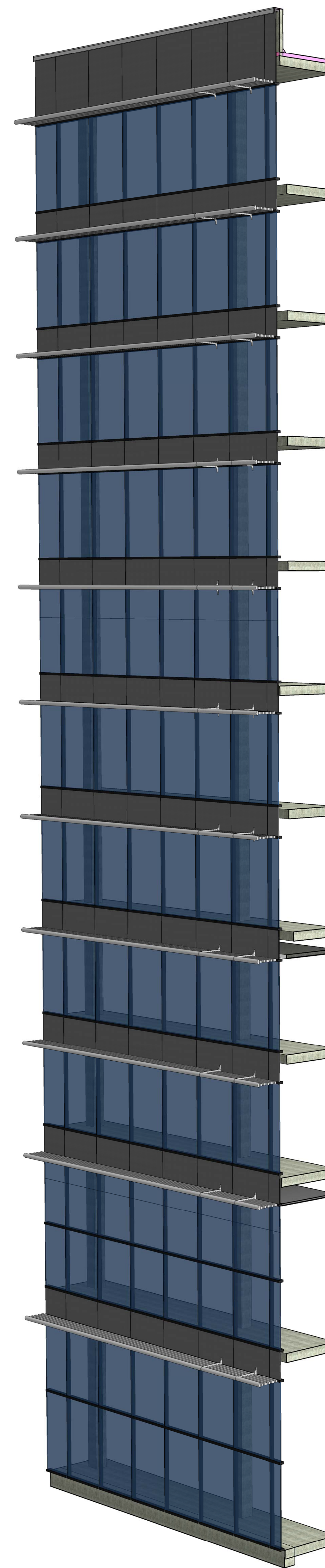
2 ENLARGED CURTAIN WALL ELEVATION
3/16" = 1'-0"



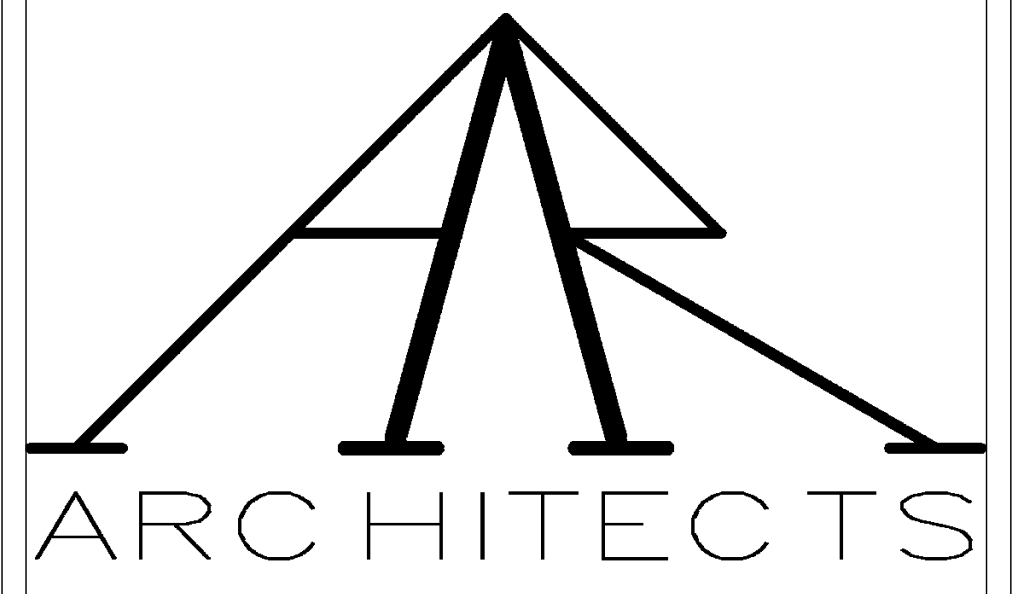
1 ENLARGED CURTAIN WALL PLAN
3/16" = 1'-0"



3 CURATIN WALL WEST SECTION
3/16" = 1'-0"



4 CURATIN WALL AXONOMETRIC



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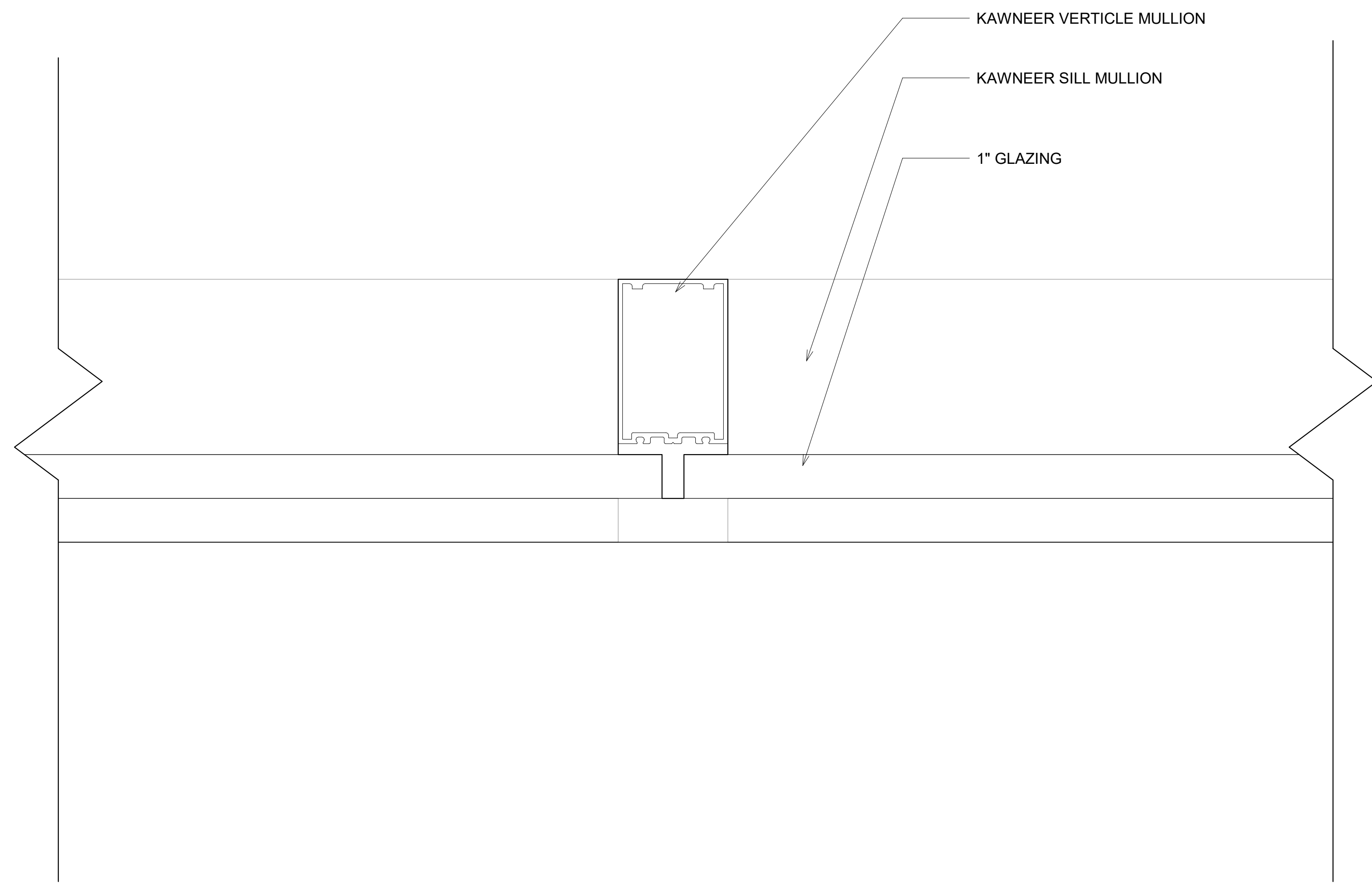
Project

Address
1 John St Brooklyn NY 11201

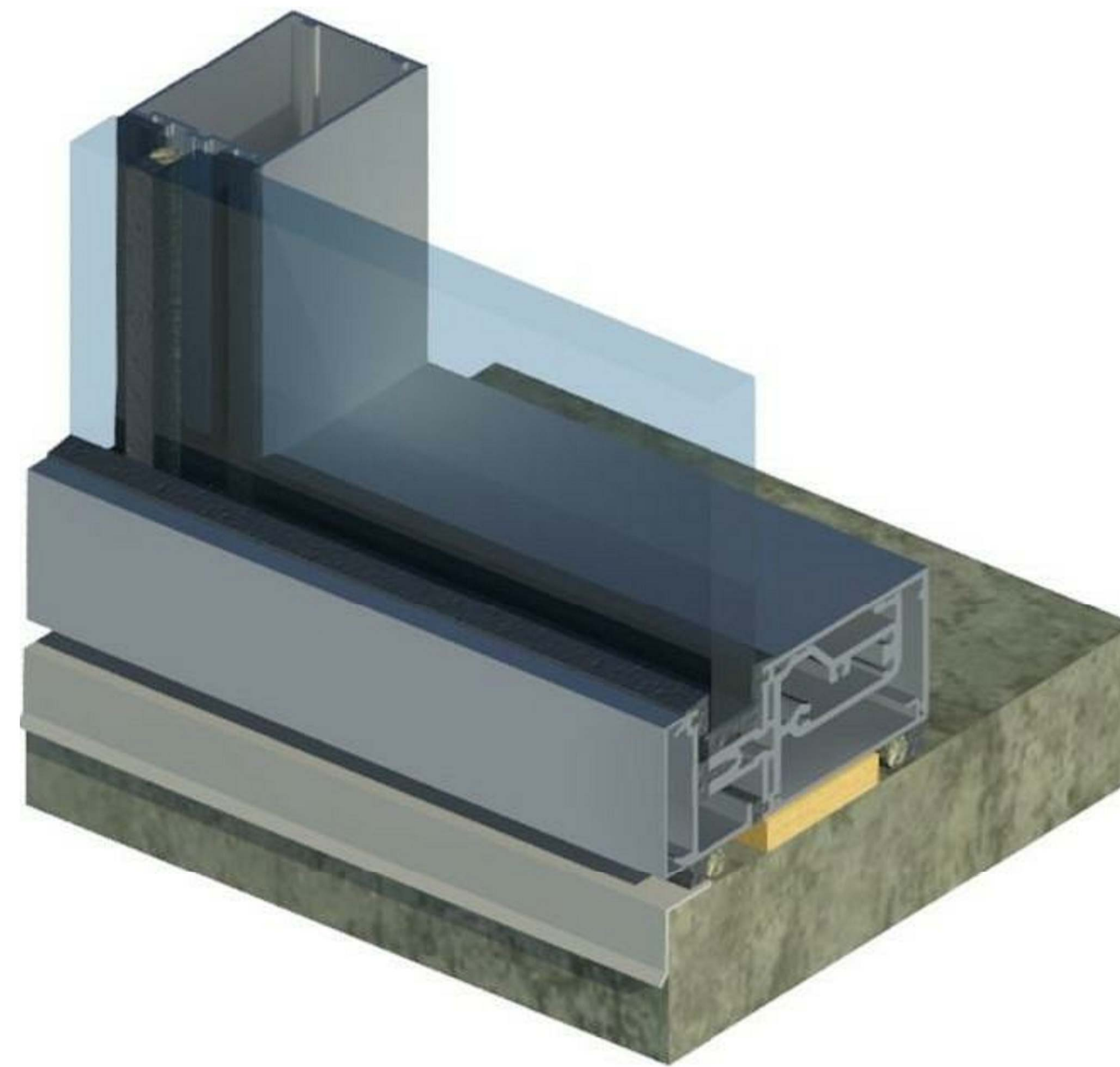


AQIB BHATTI

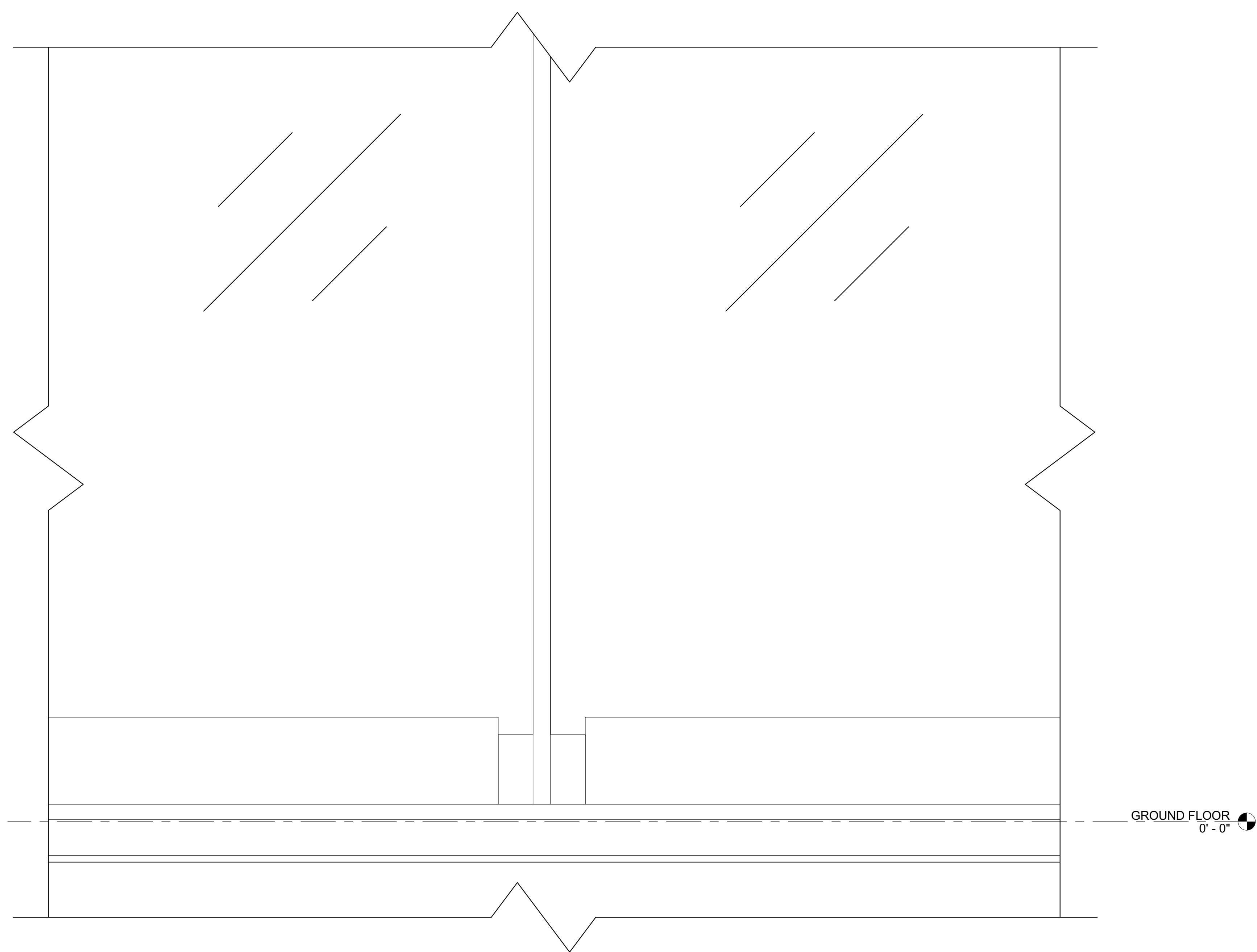
RYAN SINGH



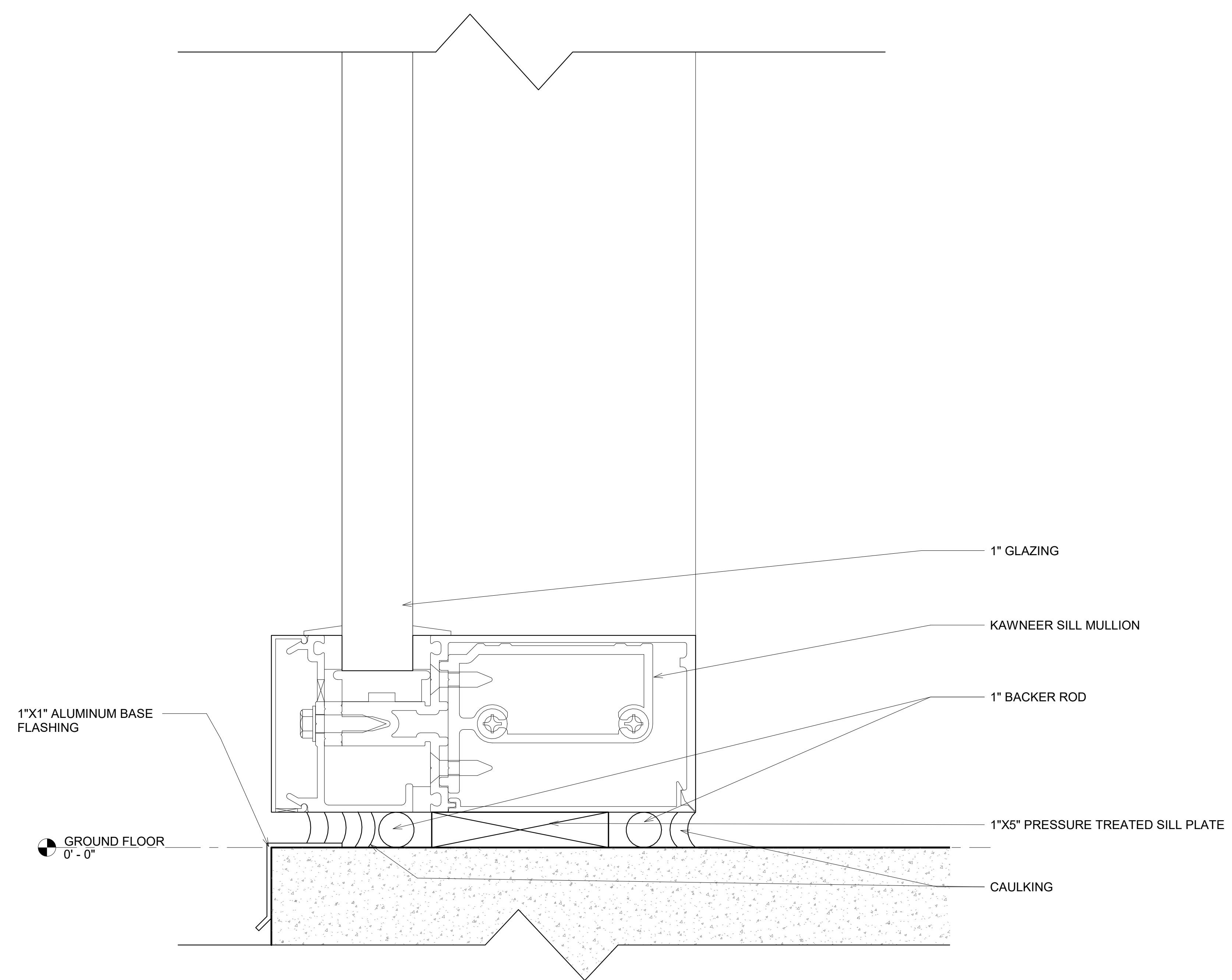
3 CURTAIN WALL PLAN @ BASE
6" = 1'-0"



4 CURTAIN WALL BASE DETAIL AXON



1 ENLARGED CURTAIN WALL ELEVATION @ BASE
6" = 1'-0"



2 CURTAIN WALL SECTION AT BASE
12" = 1'-0"

1 JOHN STREET

CURTAIN WALL DETAILS @ BASE

Project Number	Project Number
Date	Issue Date
Drawn By	AQIB BHATTI
Checked By	Checker

A-501.00

Scale

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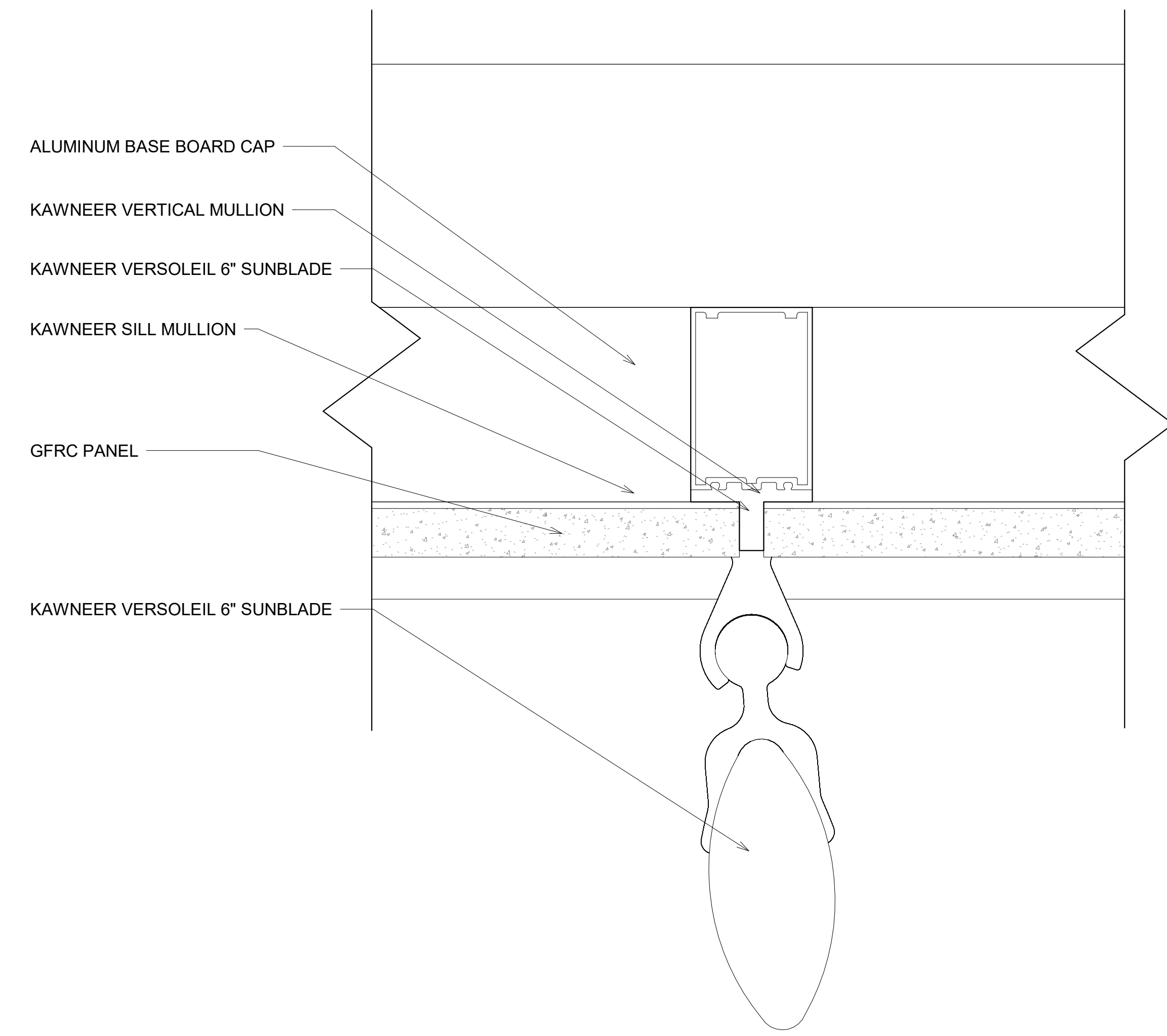
Project

Address
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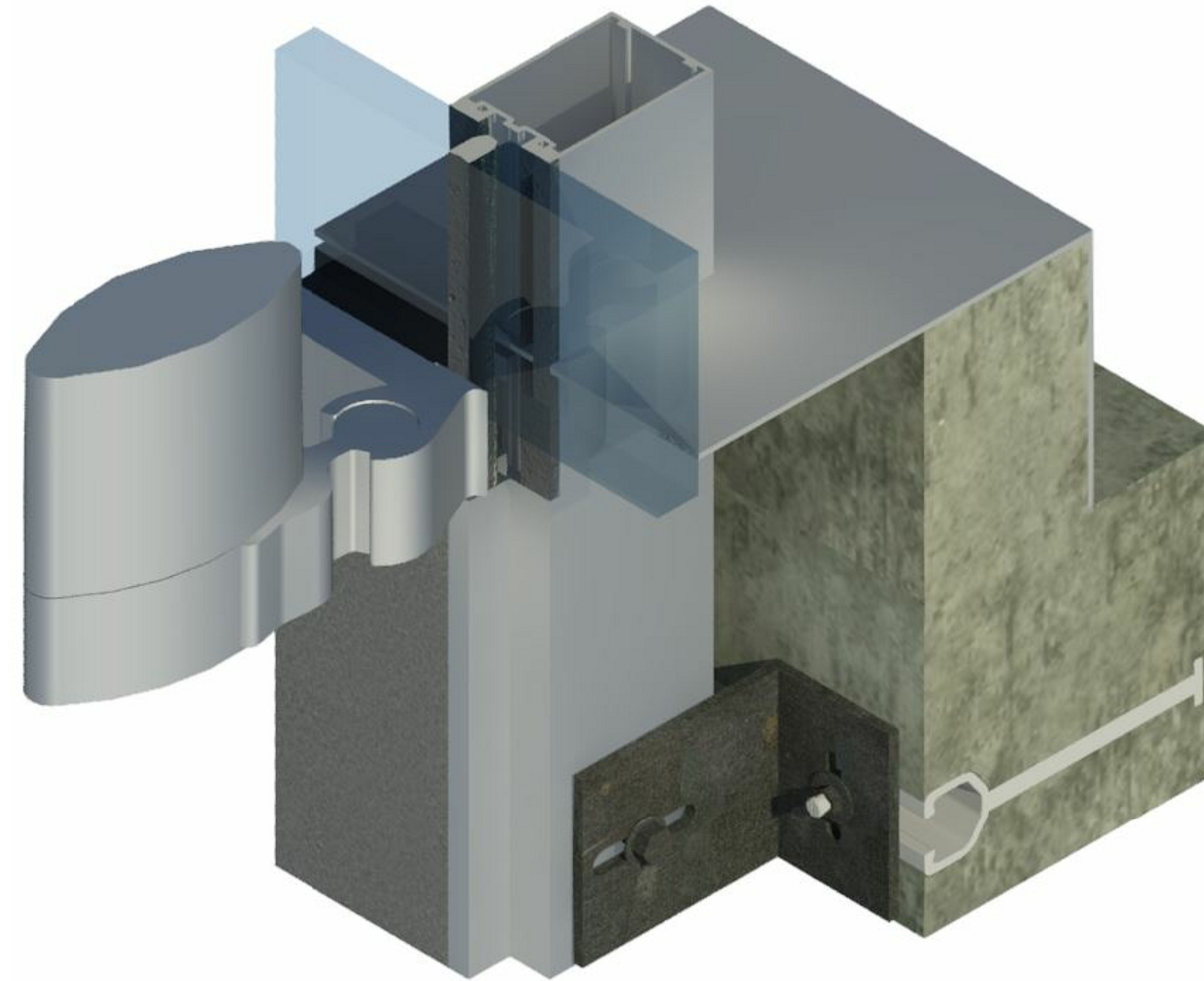


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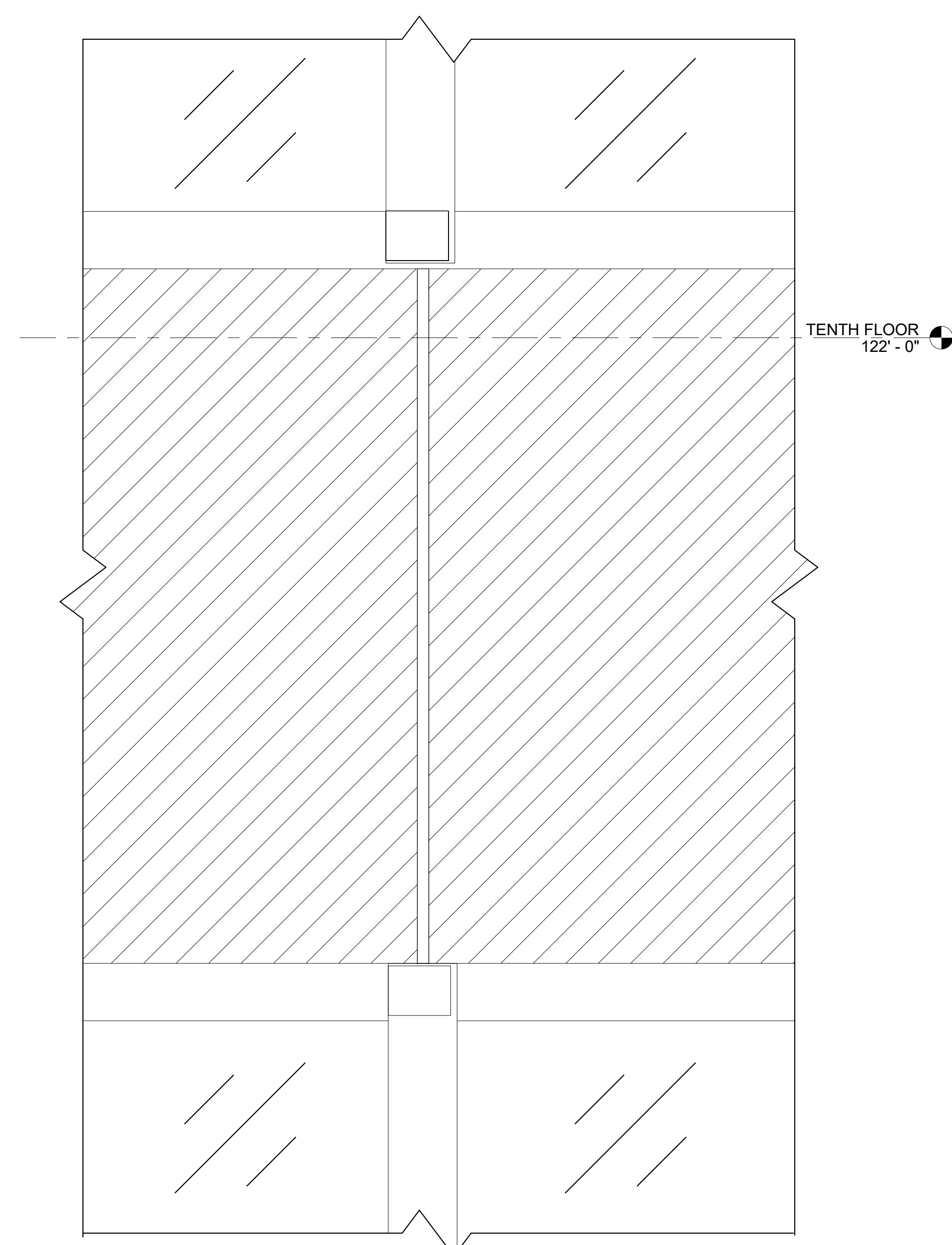
RYAN SINGH



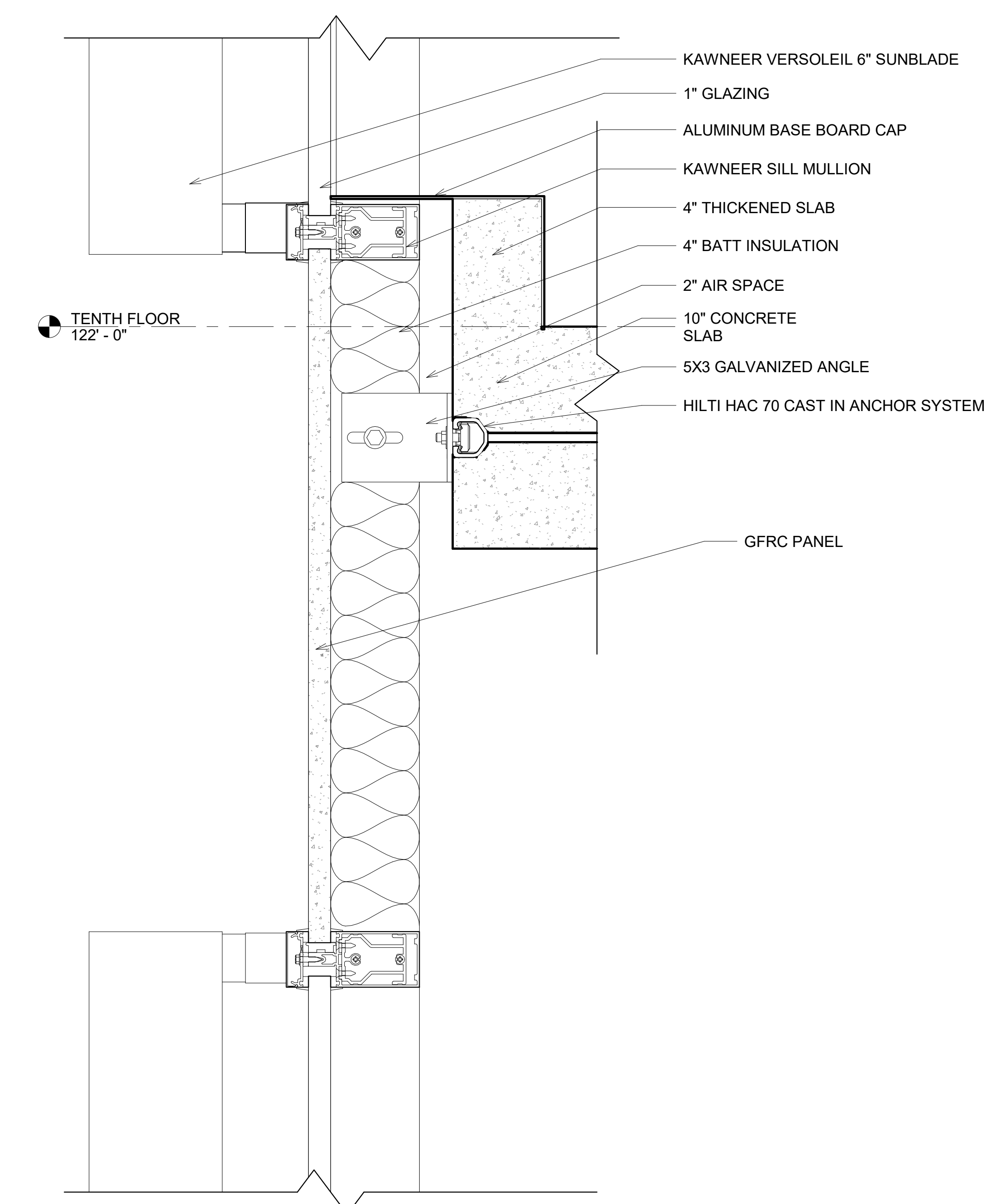
3 CURTAIN WALL PLAN @ SLAB
6" = 1'-0"



4 CURTAIN WALL CONNECTION AT SLAB



1 ENLARGED CURTAIN WALL ELEVATION @ SLAB
3" = 1'-0"



2 CURTAIN WALL SECTION AT SLAB
3" = 1'-0"

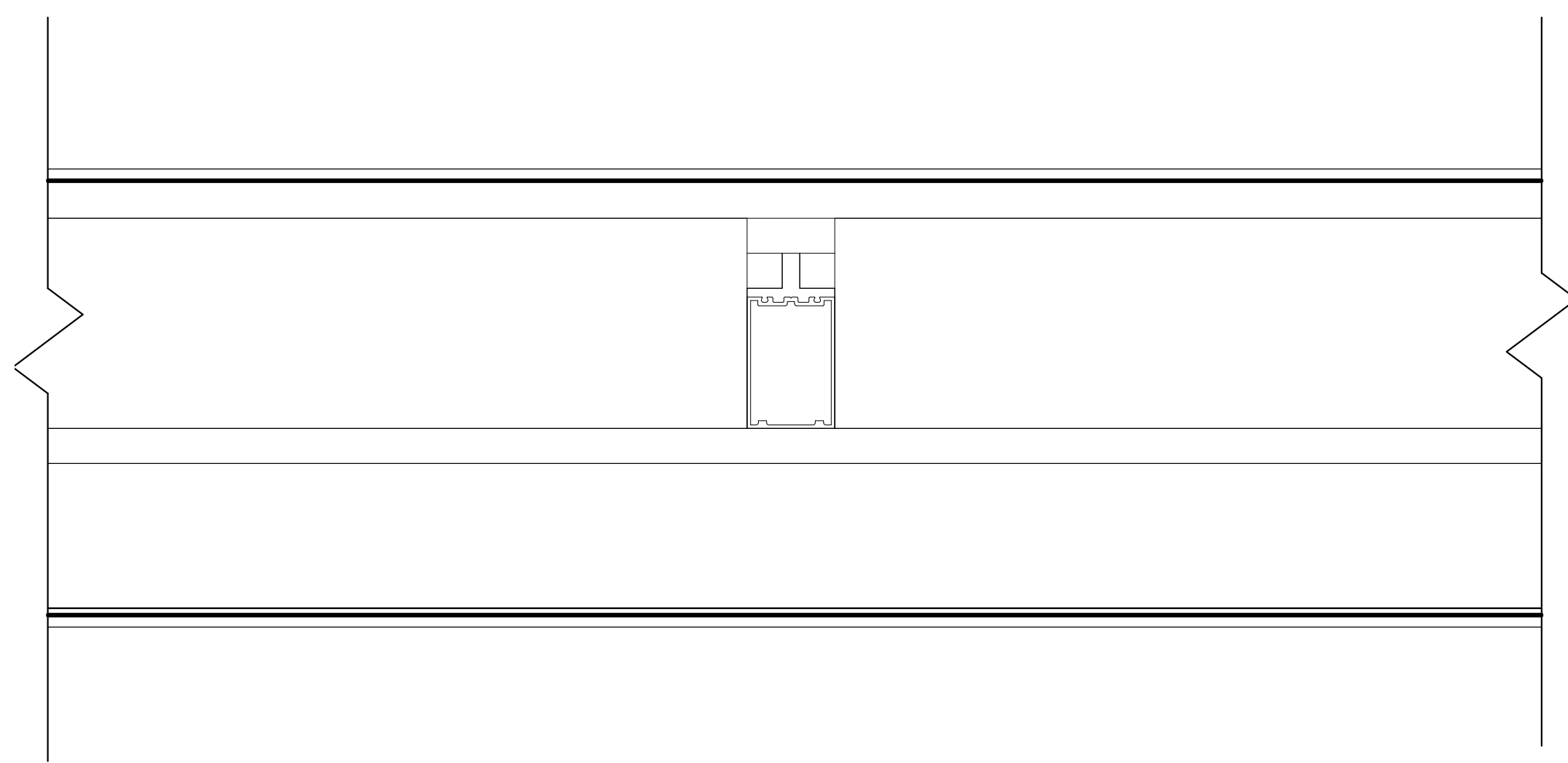
1 JOHN STREET

CURTAIN WALL DETAILS @ SLAB

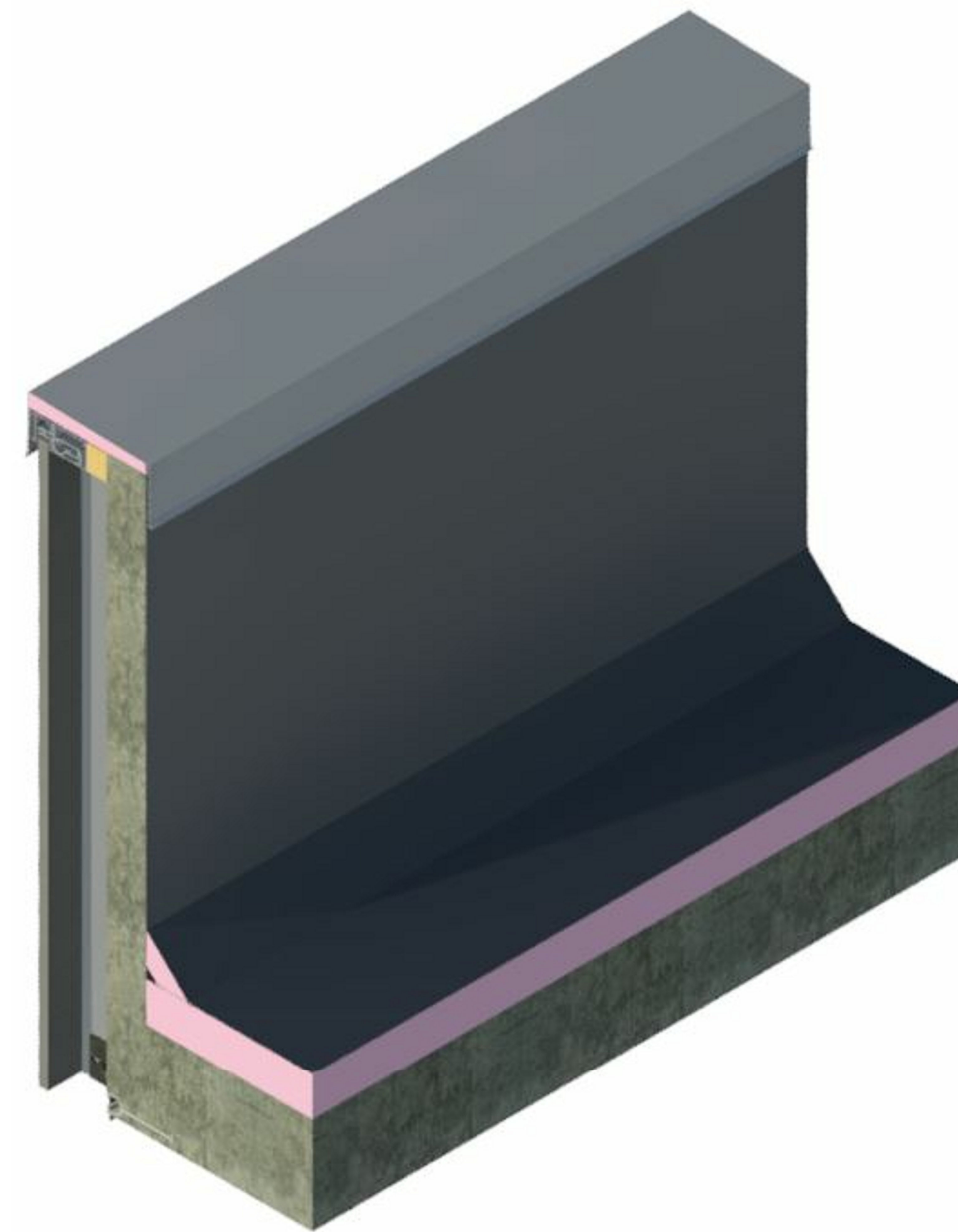
Project Number	Project Number
Date	Issue Date
Drawn By	AQIB BHATTI
Checked By	Checker

A-501.01

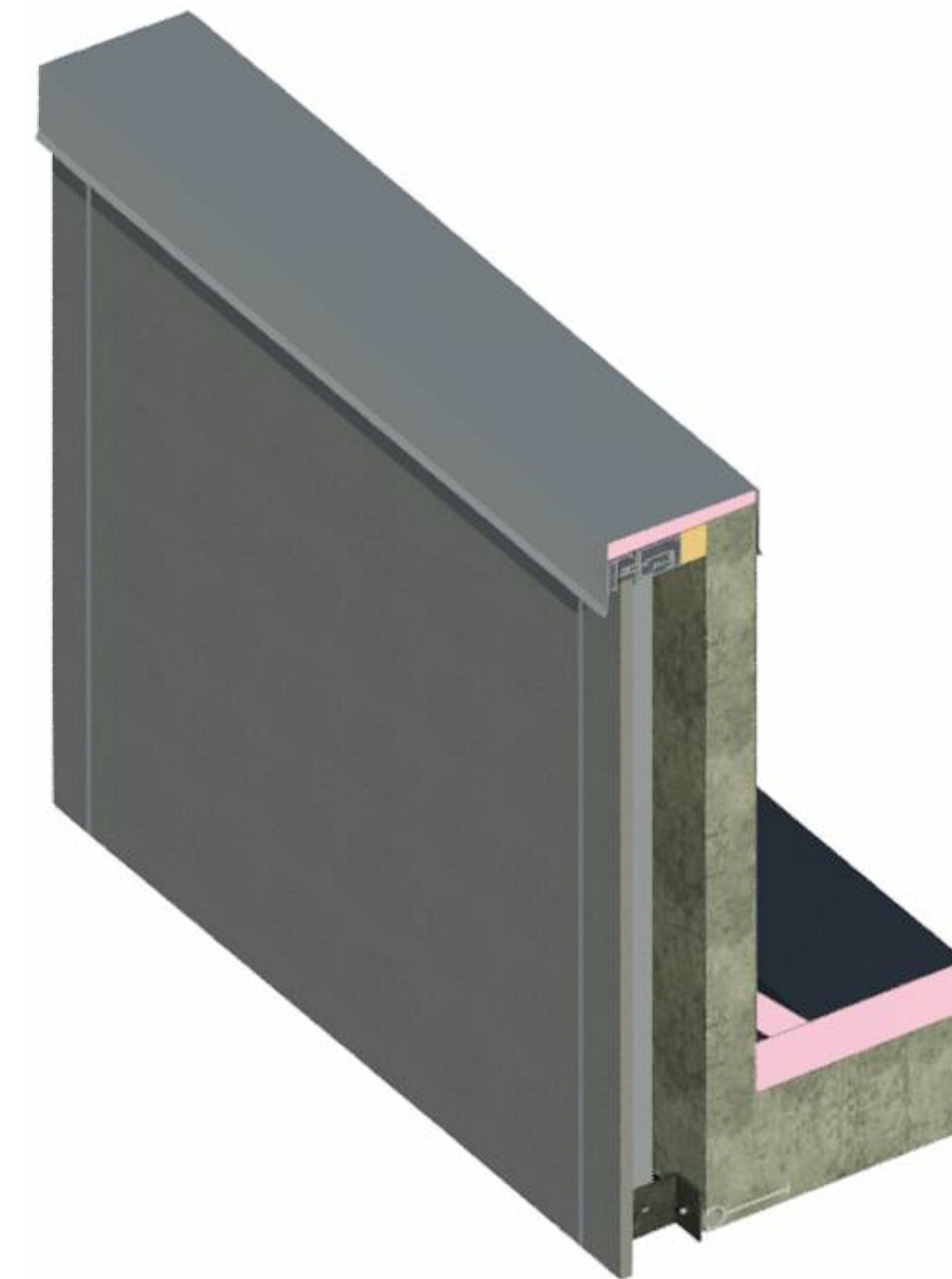
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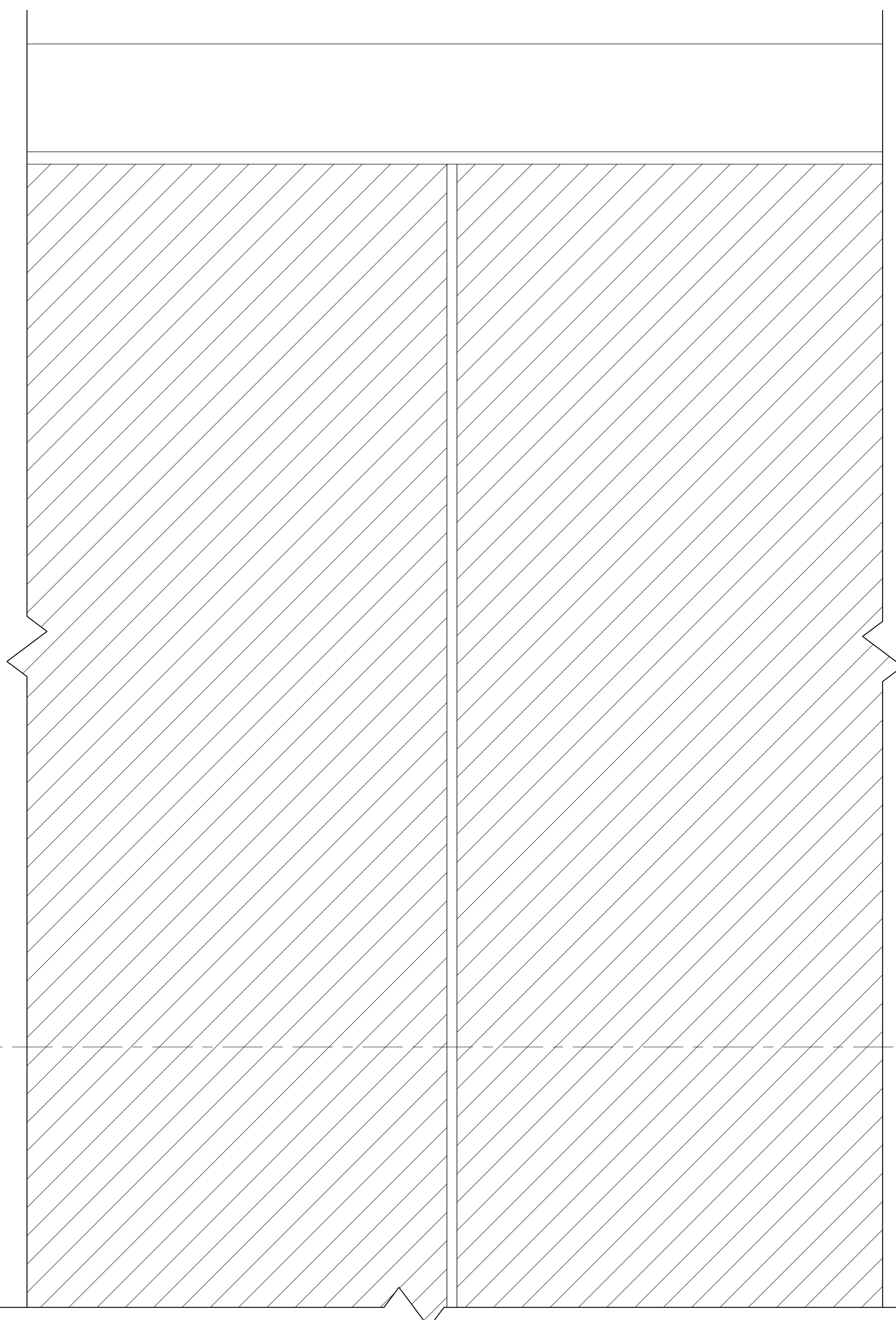
3 CURTAIN WALL PLAN @ ROOF
 3" = 1'-0"



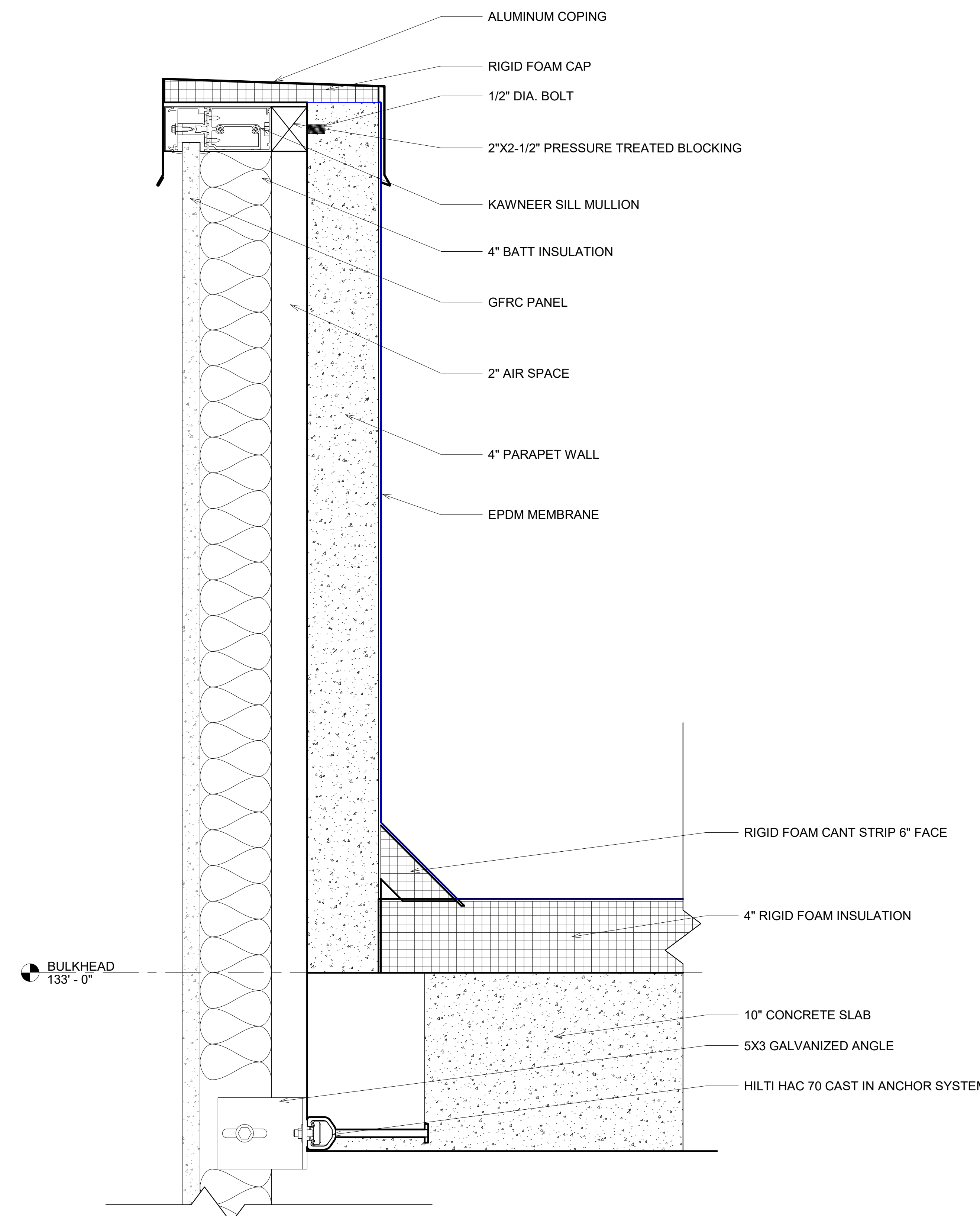
4 PARAPET INTERIOR DETAIL AXON



5 PARAPET EXTERIOR DETAIL AXON



1 ENLARGED CURTAIN WALL ELEVATION @ ROOF
 3" = 1'-0"



2 CURTAIN WALL SECTION AT ROOF
 3" = 1'-0"

1 JOHN STREET

CURTAIN WALL DETAILS @ ROOF

Project Number	Project Number
Date	Issue Date
Drawn By	AQIB BHATTI
Checked By	Checker

A-501.02

Scale

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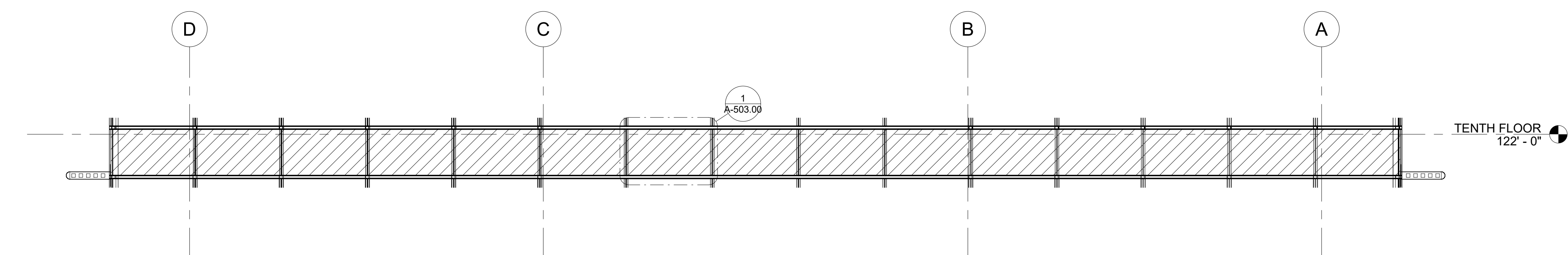
Project

Address
1 John St Brooklyn NY 11201

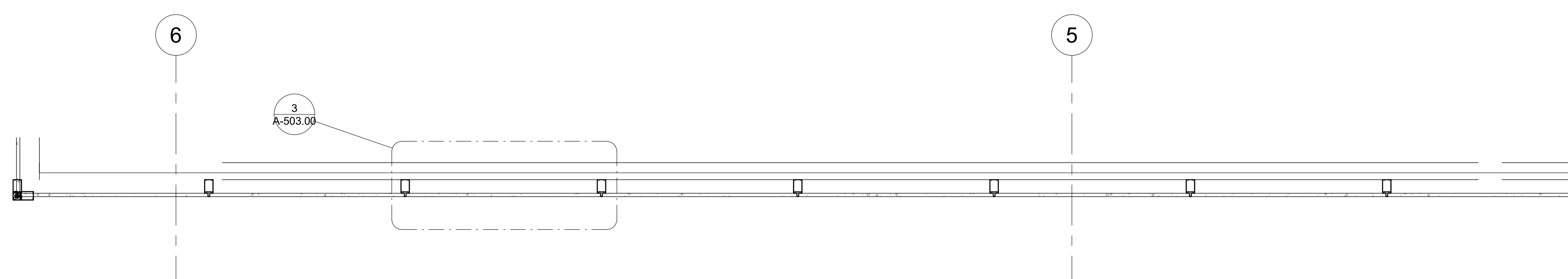


AQIB BHATTI

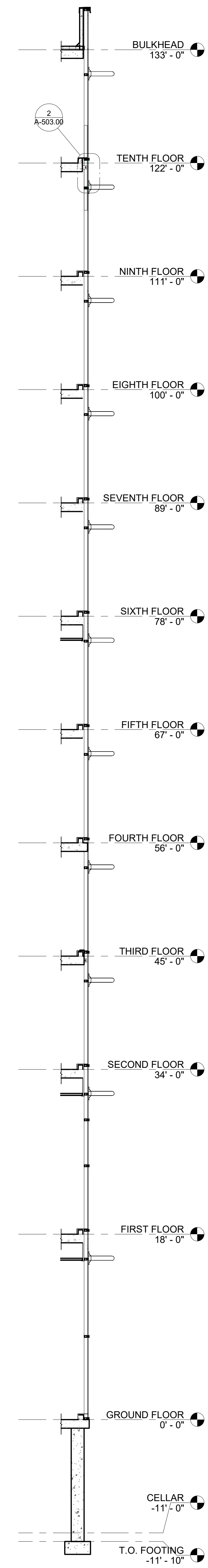
RYAN SINGH



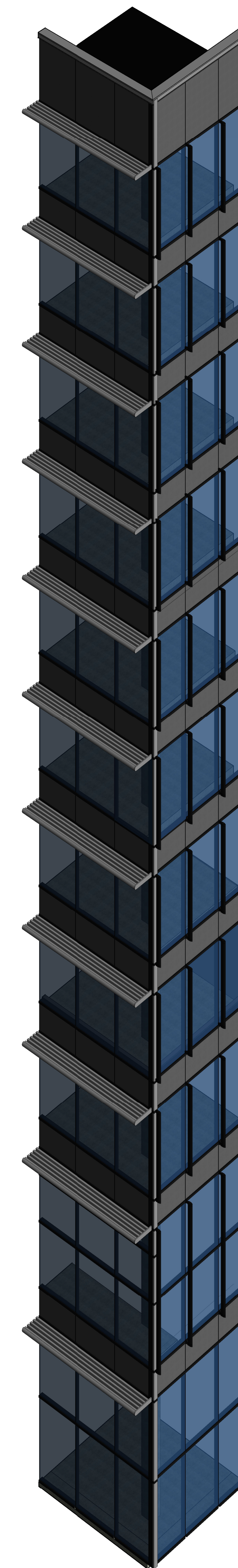
1 ENLARGED PRECAST CONC ELEVATION
1/4" = 1'-0"



4 PRECAST CONC WALL PLAN
1/2" = 1'-0"



2 CURTAIN WALL SOUTH SECTION
3/16" = 1'-0"



3 PRECAST CONC WALL AXONOMETRIC

1 JOHN STREET

ENLARGED PRE CAST CONC. ELEVATION + WALL SECTION

Project Number	Project Number
Date	Issue Date
Drawn By	RYAN SINGH
Checked By	Checker

A-502.00

Scale

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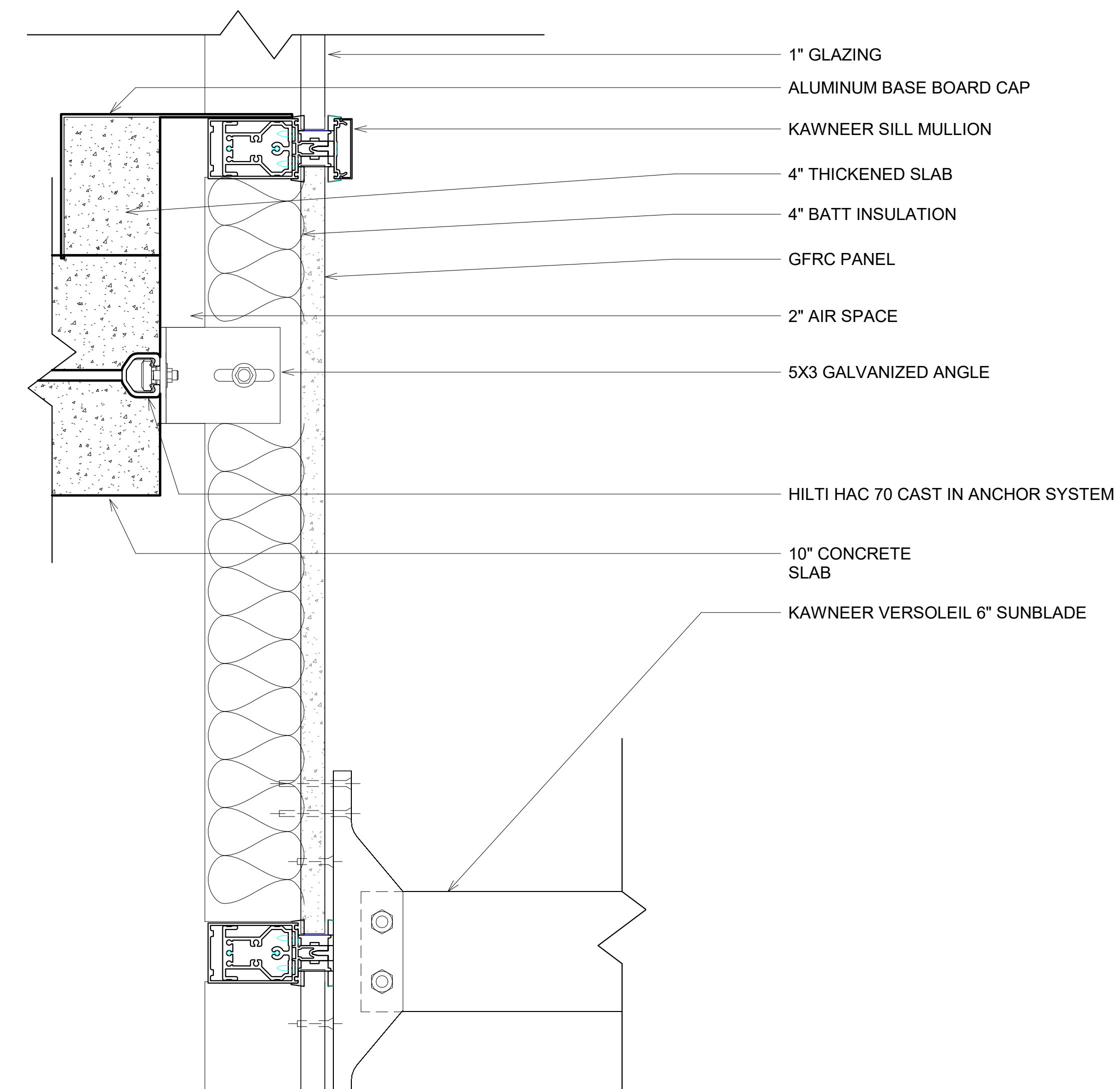


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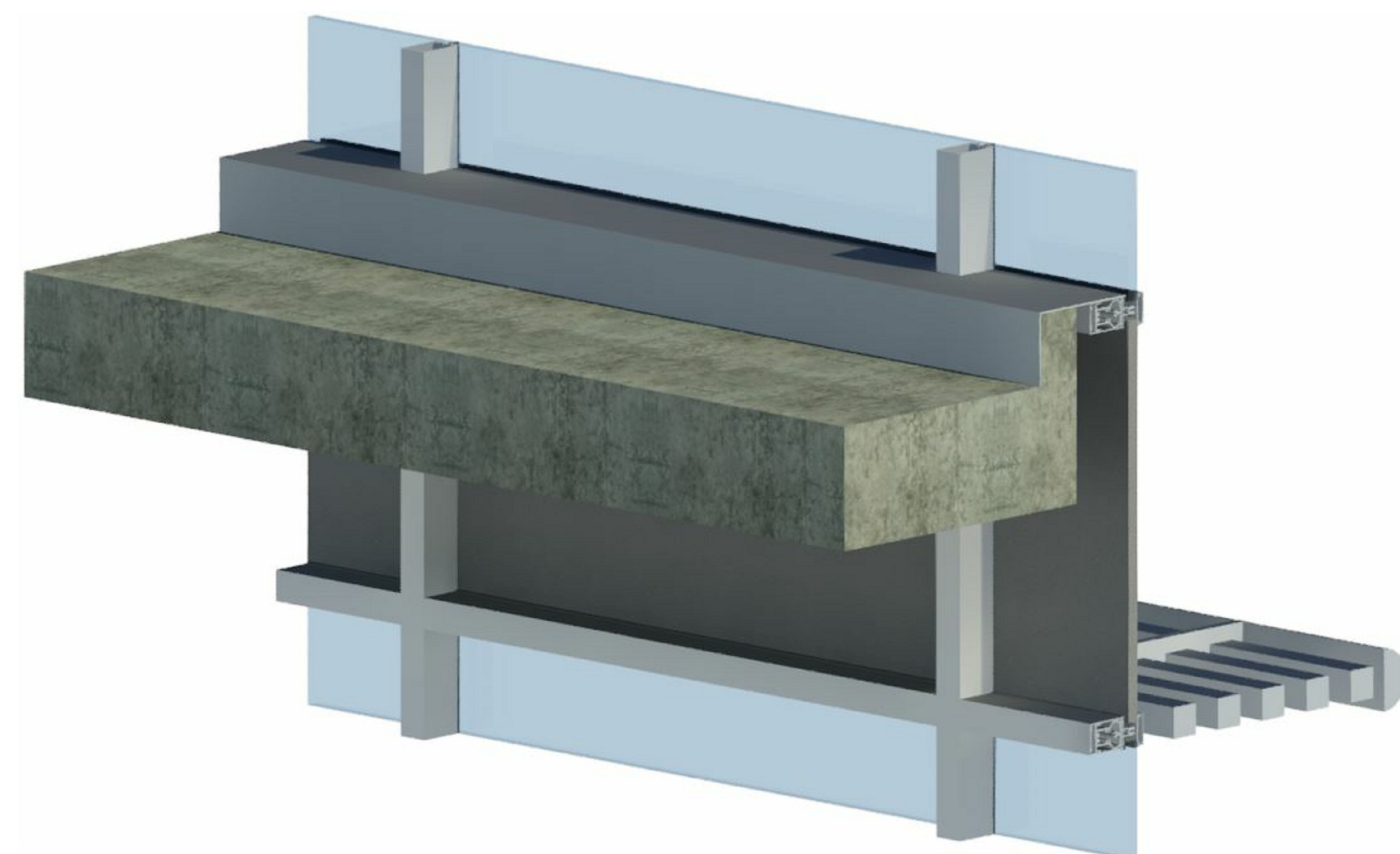
RYAN SINGH



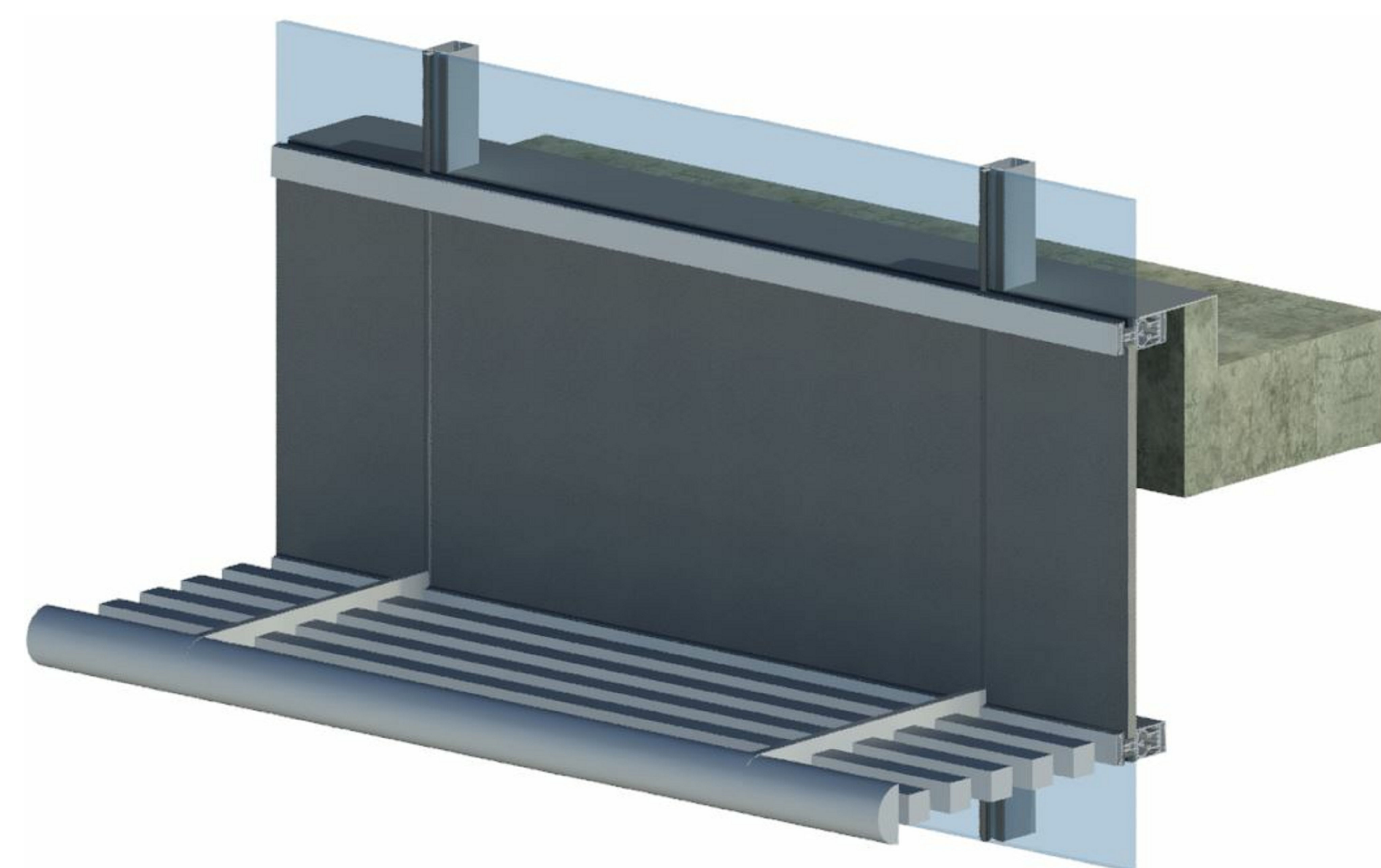
① ENLARGED PRECAST CONC ELEVATION @ SLAB
3" = 1'-0"



② PRECAST CONC WALL @ SLAB
3" = 1'-0"



⑤ PRECAST CONC. INTERIOR DETAIL



④ PRECAST CONC. EXTERIOR DETAIL

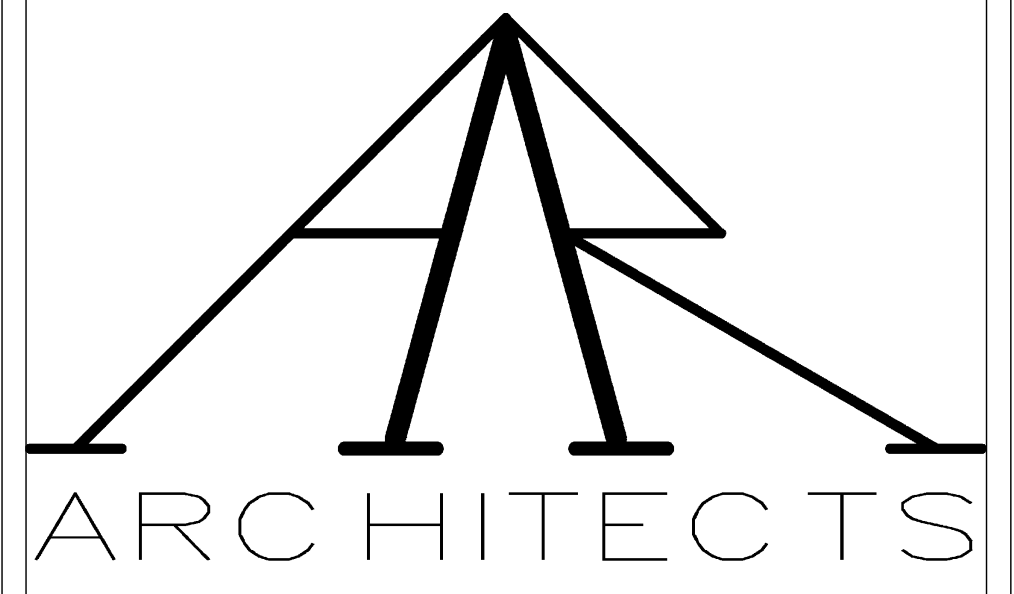
1 JOHN STREET

PRECAST CONCRETE DETAILS

Project Number	Project Number
Date	Issue Date
Drawn By	AQIB BHATTI
Checked By	Checker

A-503.00

Scale



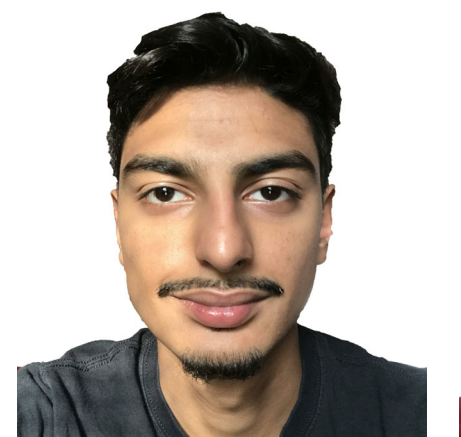
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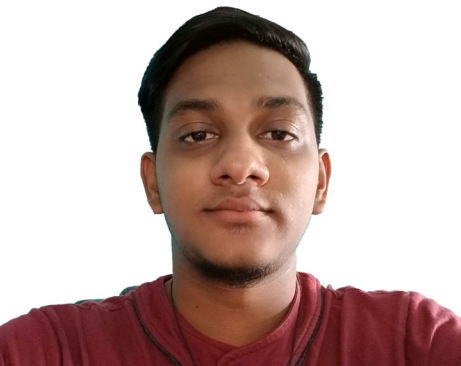
Architect Ryan Singh
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Project

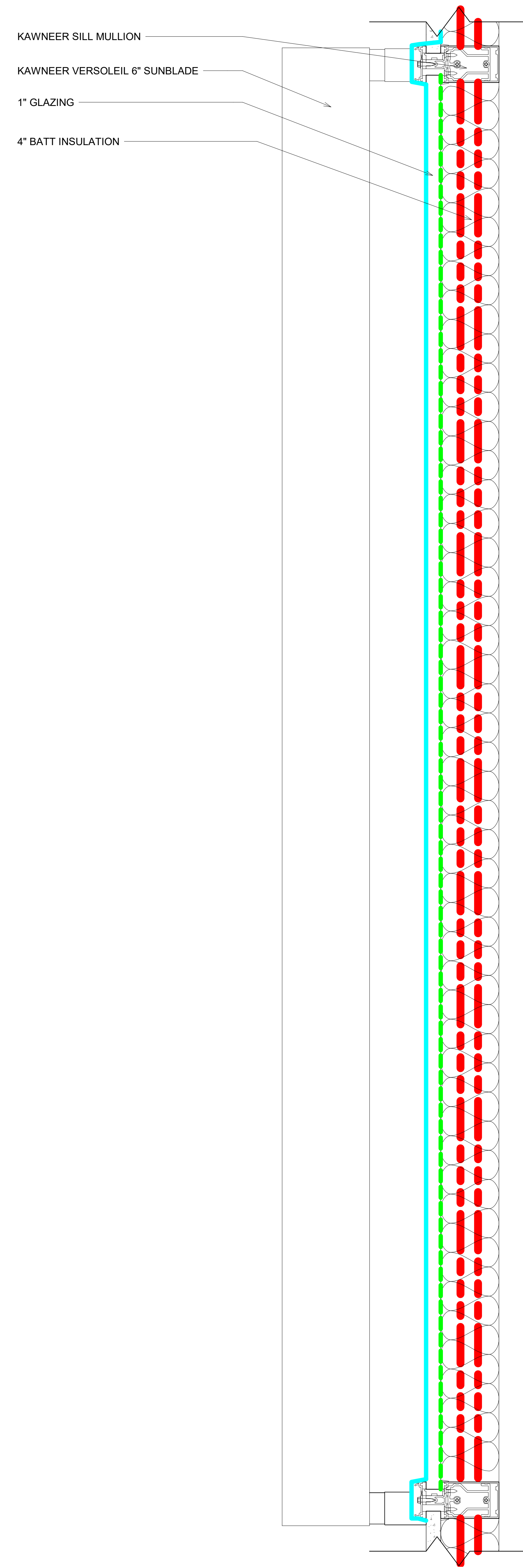
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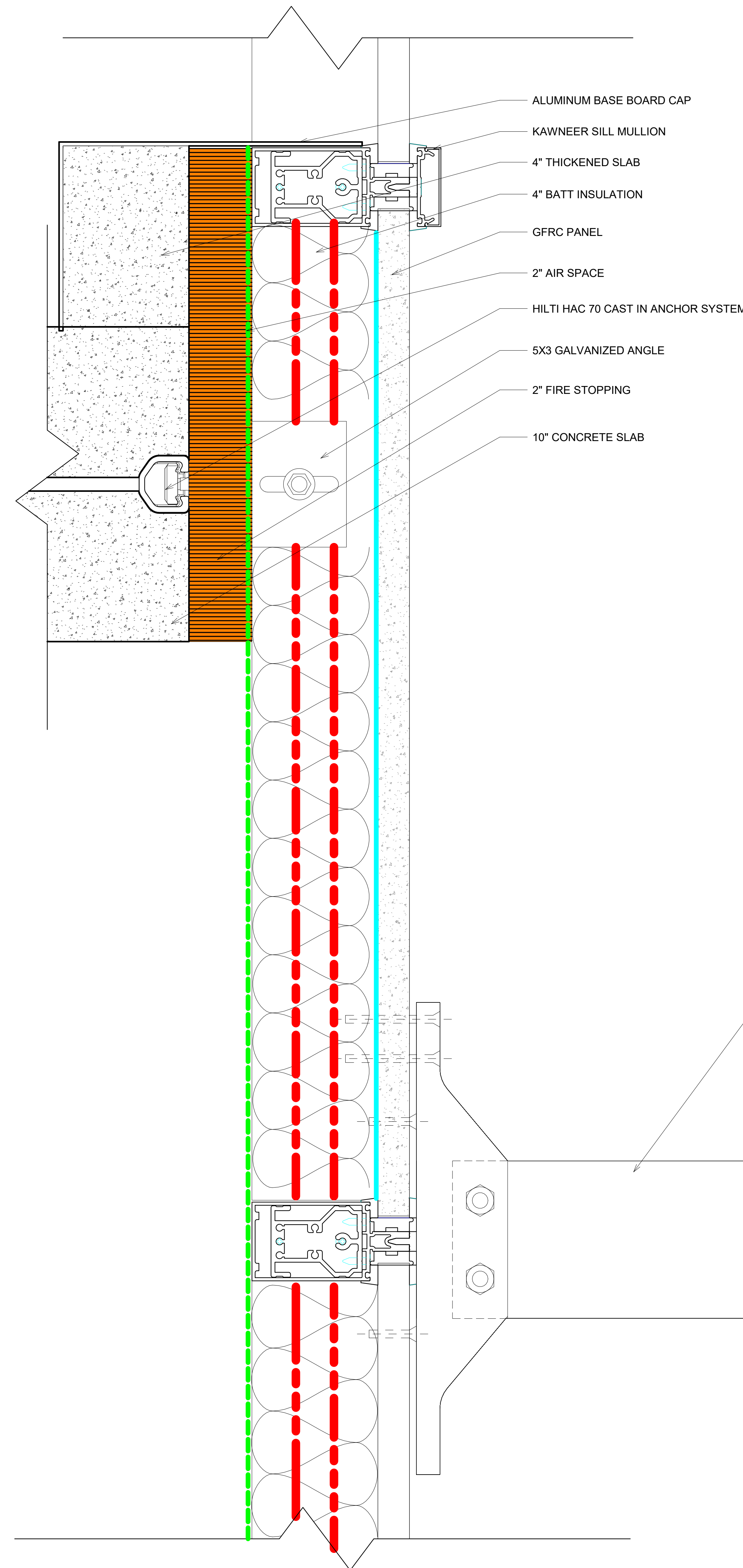
AQIB BHATTI



RYAN SINGH

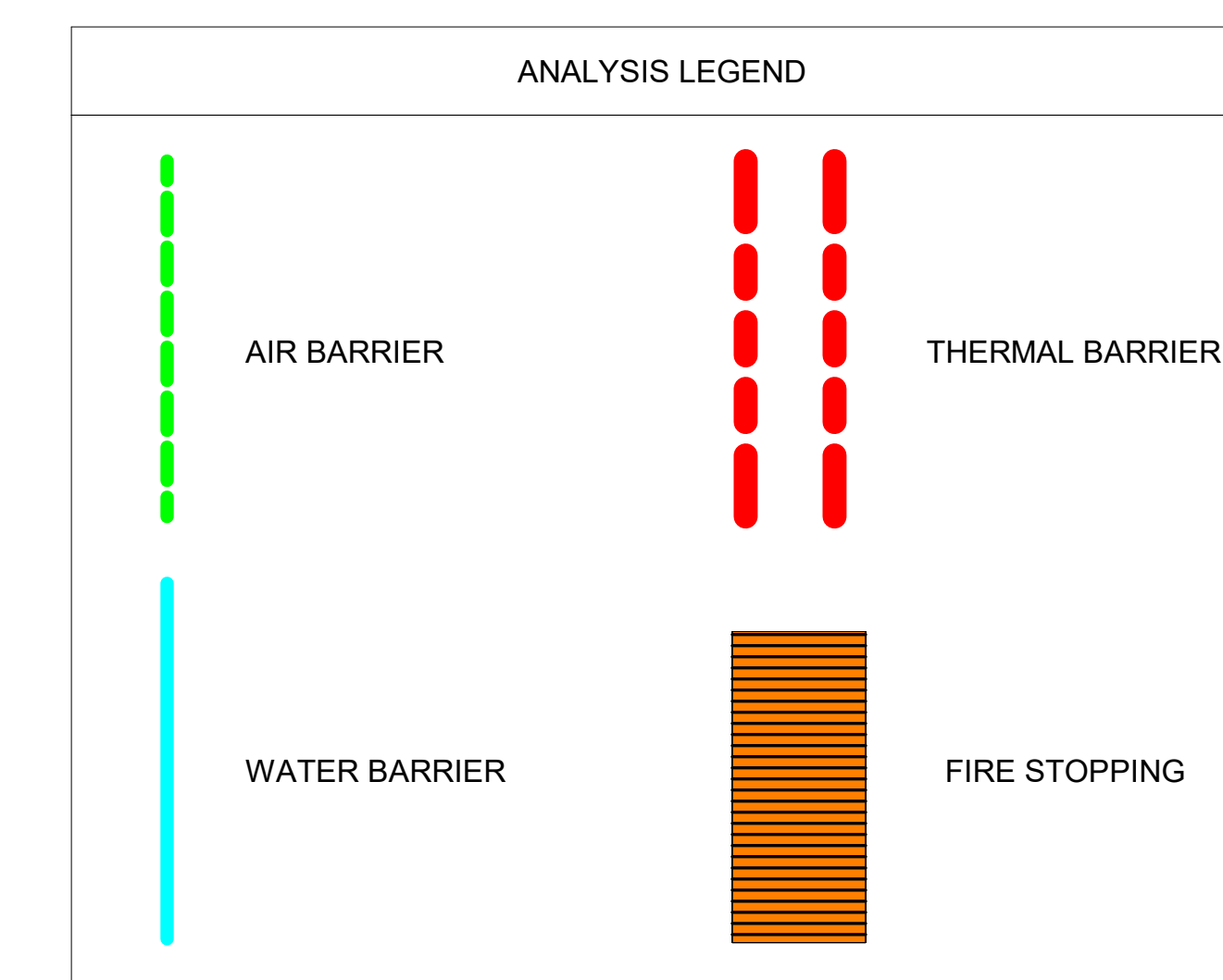


① CURTAIN WALL ANALYSIS
3\"/>



② PRECAST CONC WALL ANALYSIS
6\"/>

KAWNEER VERSOLEIL 6\"/>



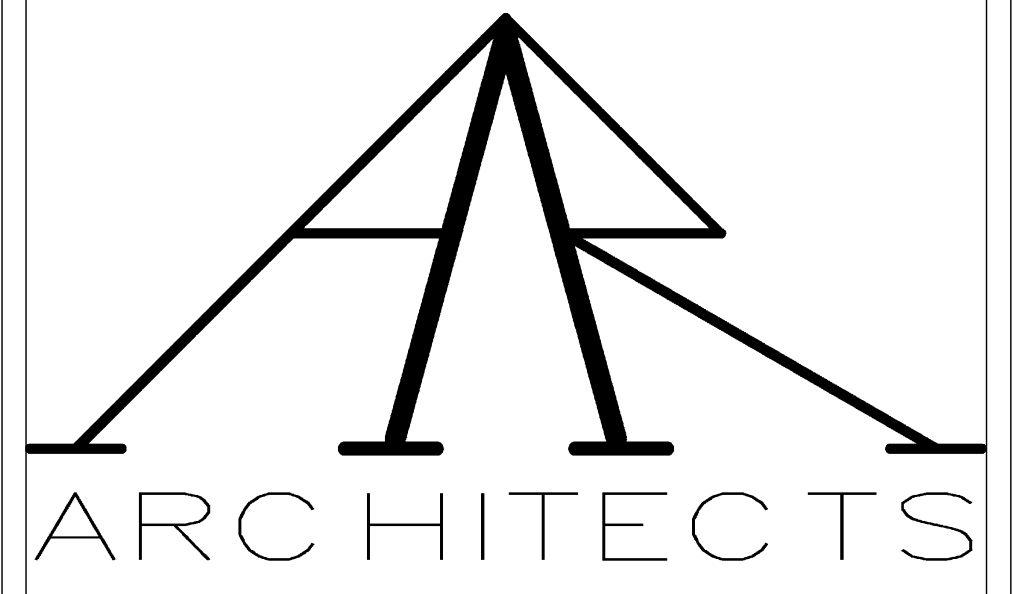
1 JOHN STREET

CURTAIN WALL + PRECAST CONCRETE ANALYSIS

Project Number	Project Number
Date	Issue Date
Drawn By	RYAN SINGH
Checked By	Checker

A-504.00

Scale



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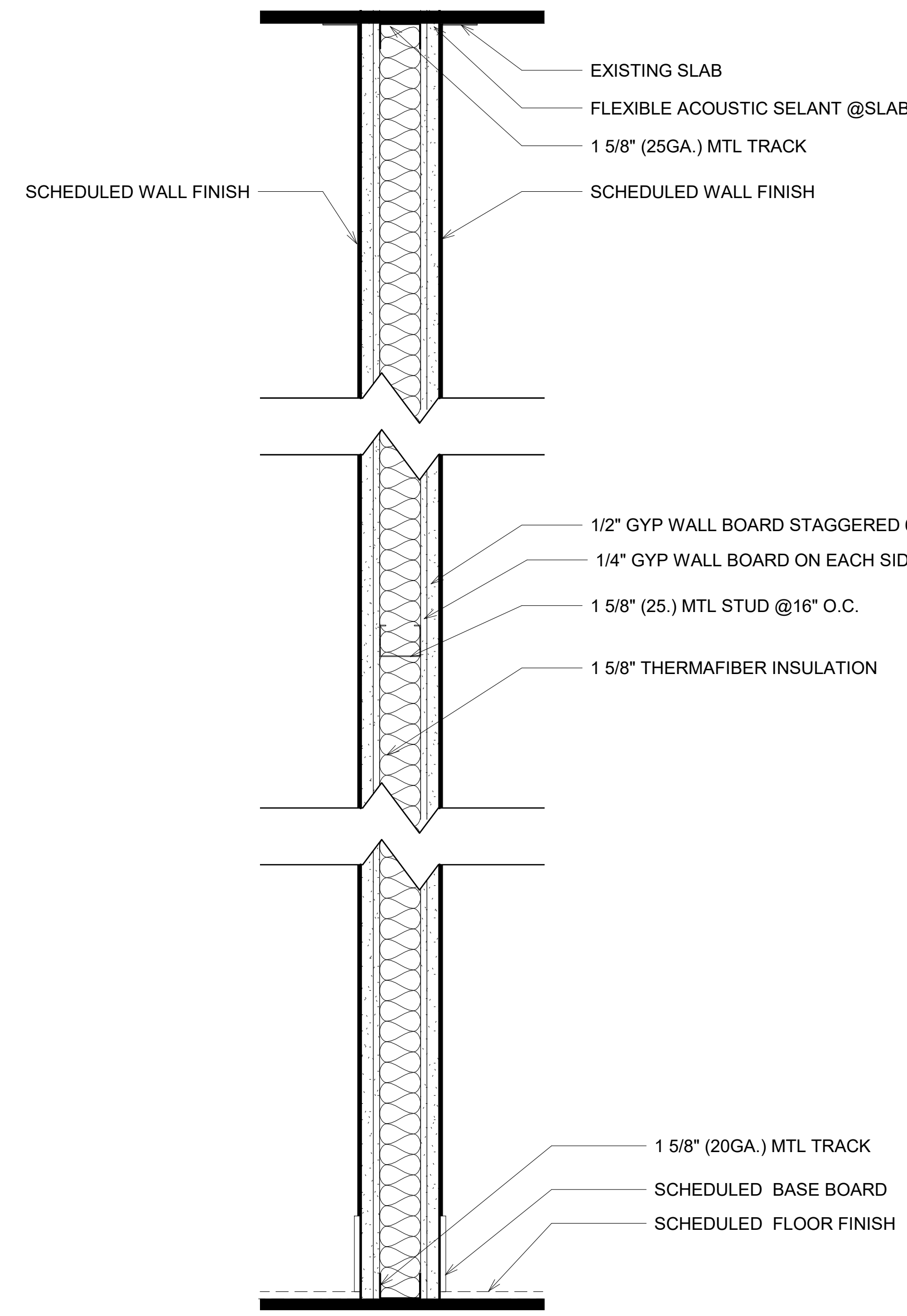
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Address
1 John St Brooklyn NY 11201

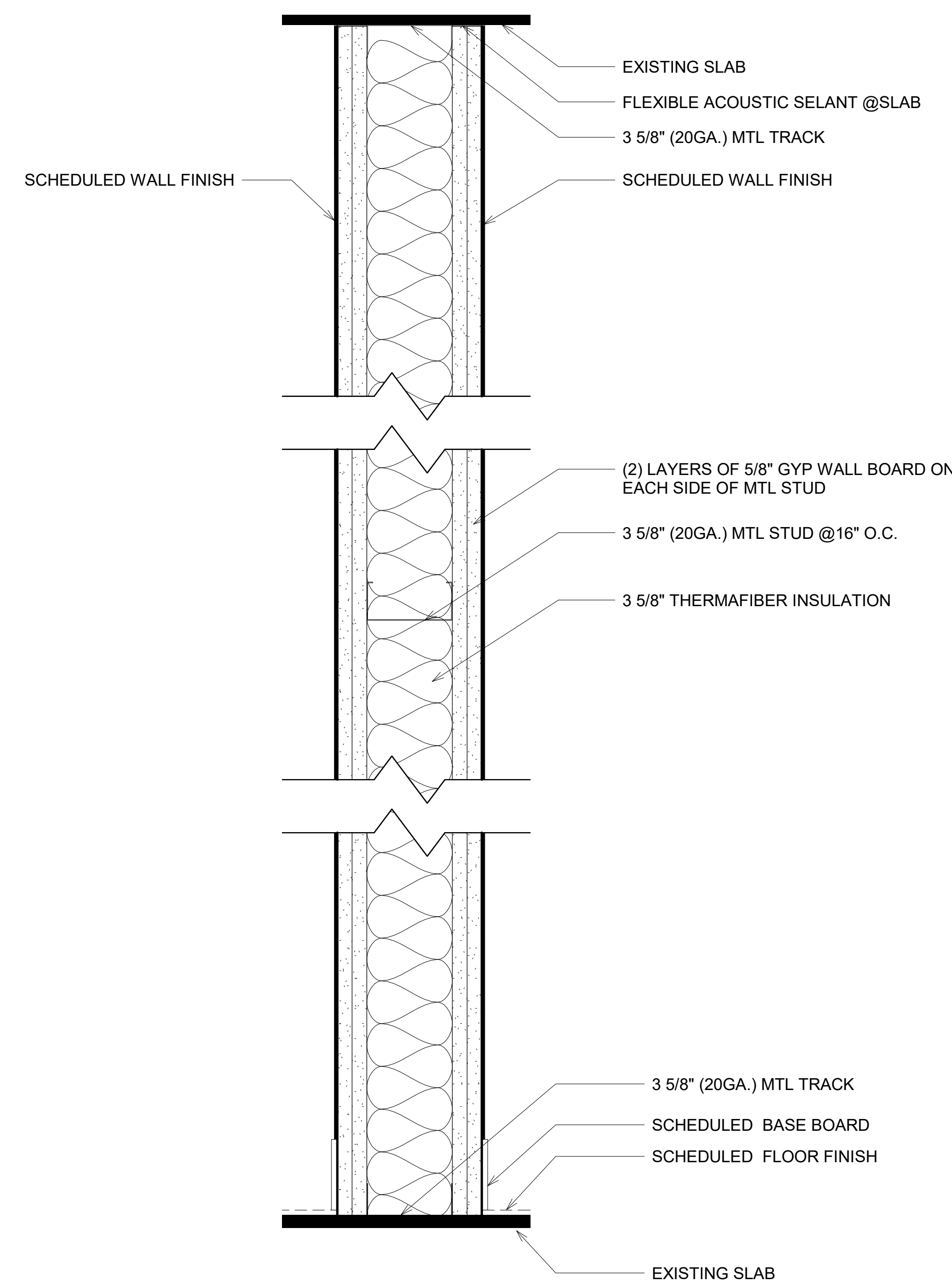


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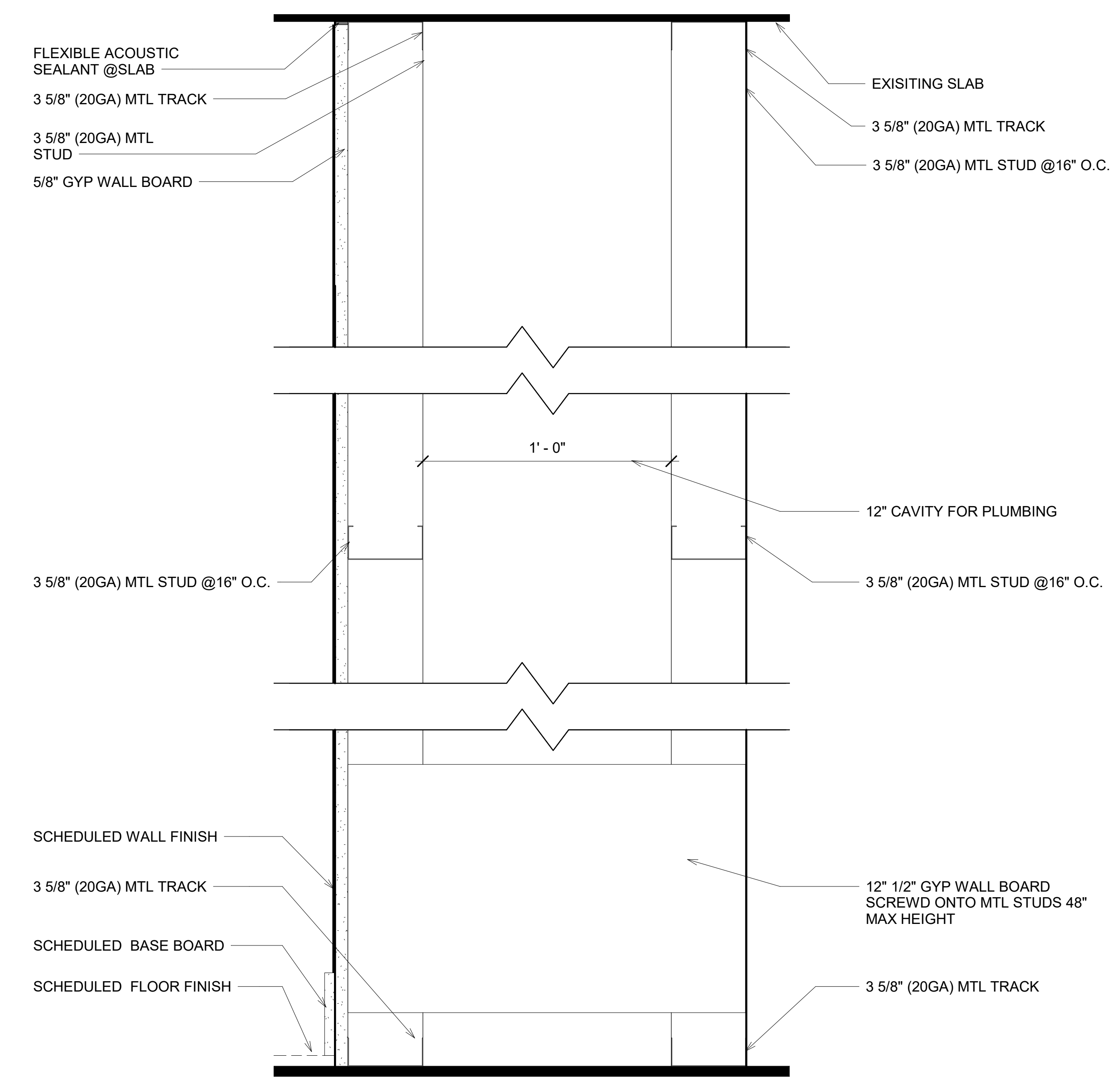
RYAN SINGH



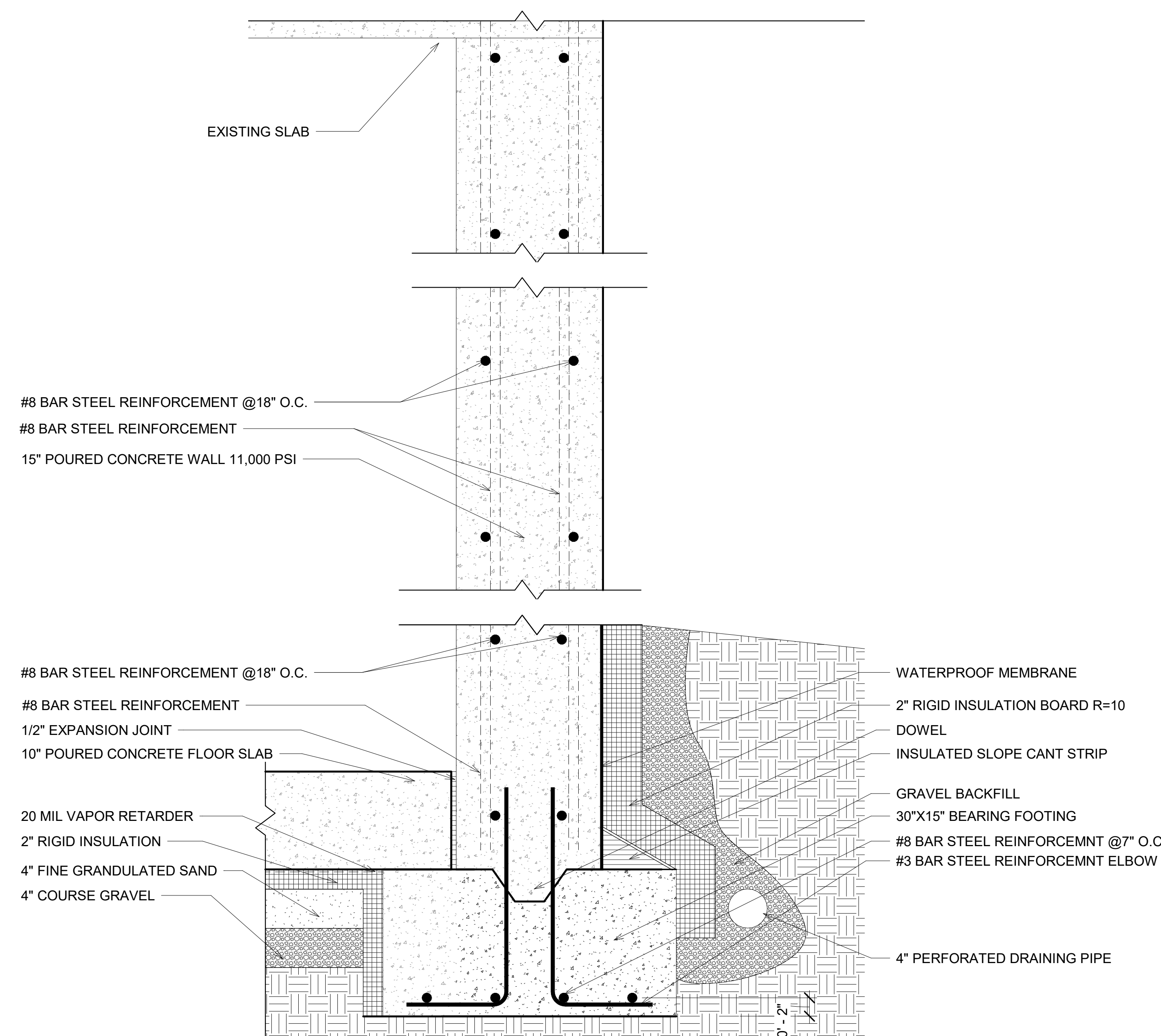
⑥ PARTITION TYPE 1 HOUR FIRE RATED
3" = 1'-0"



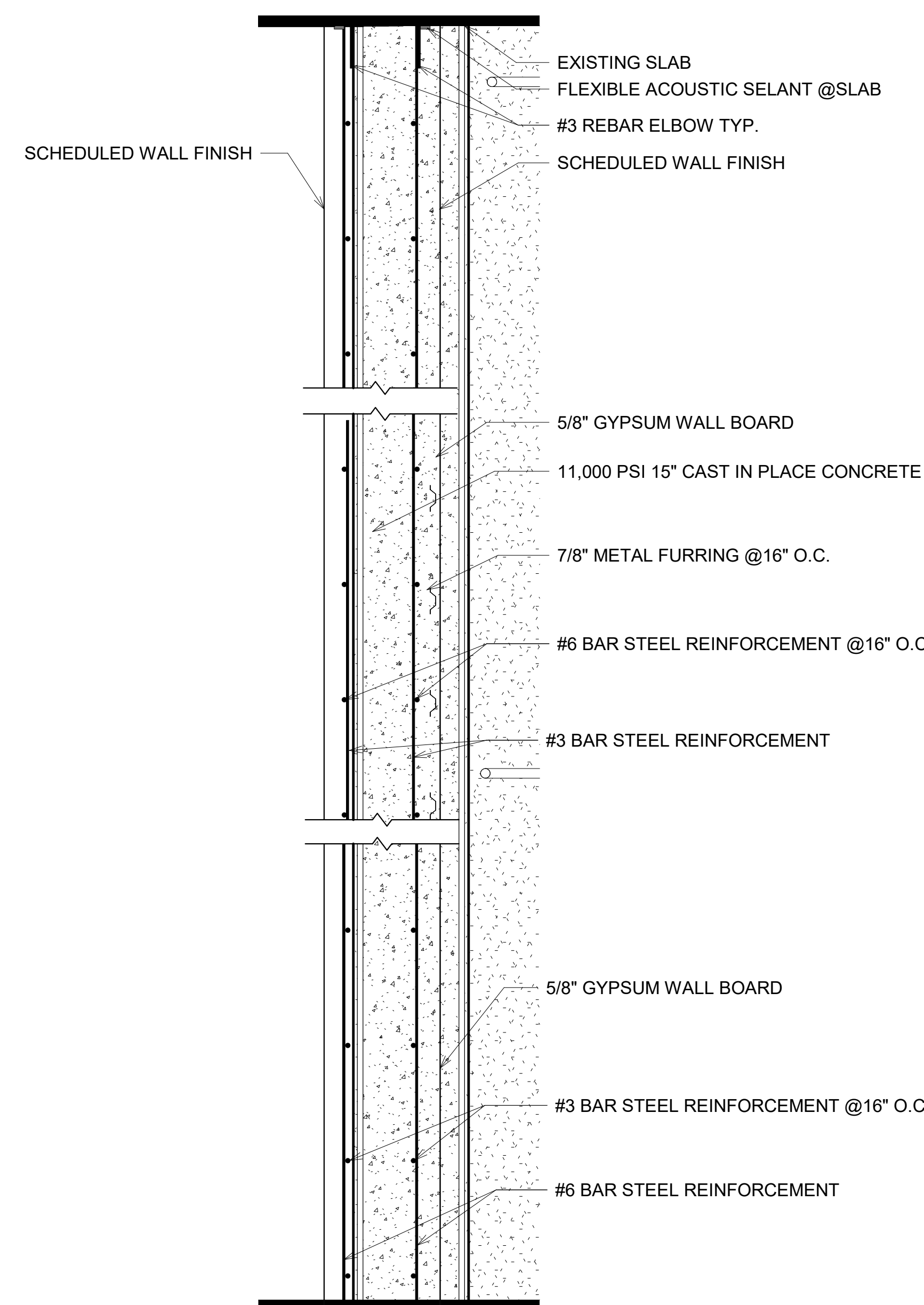
④ PARTITION TYPE 2 HOUR FIRE RATED
3" = 1'-0"



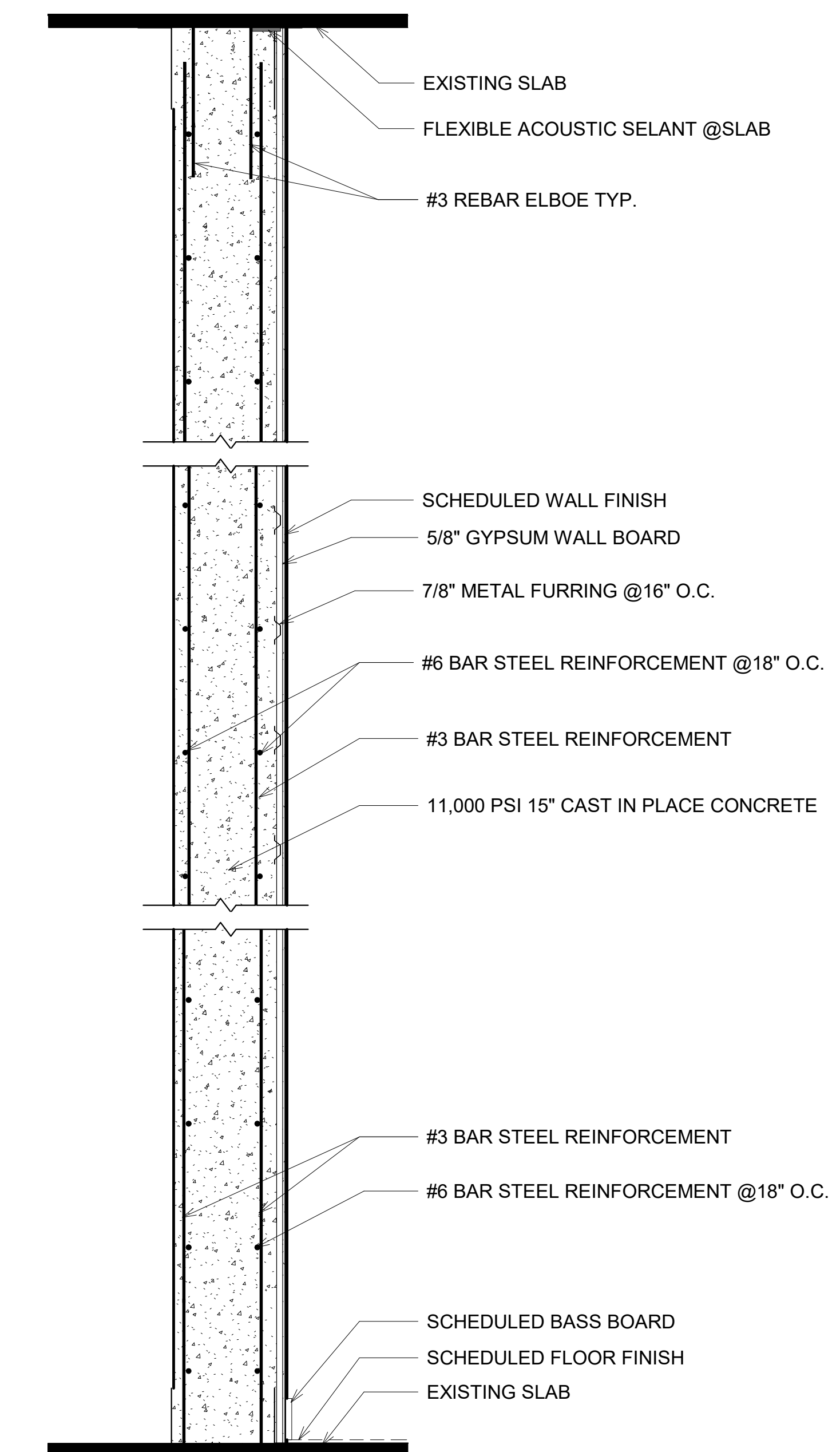
⑤ PARTITION TYPE CHASE WALL
3" = 1'-0"



① FOUNDATION WALL TYPE
1 1/2" = 1'-0"



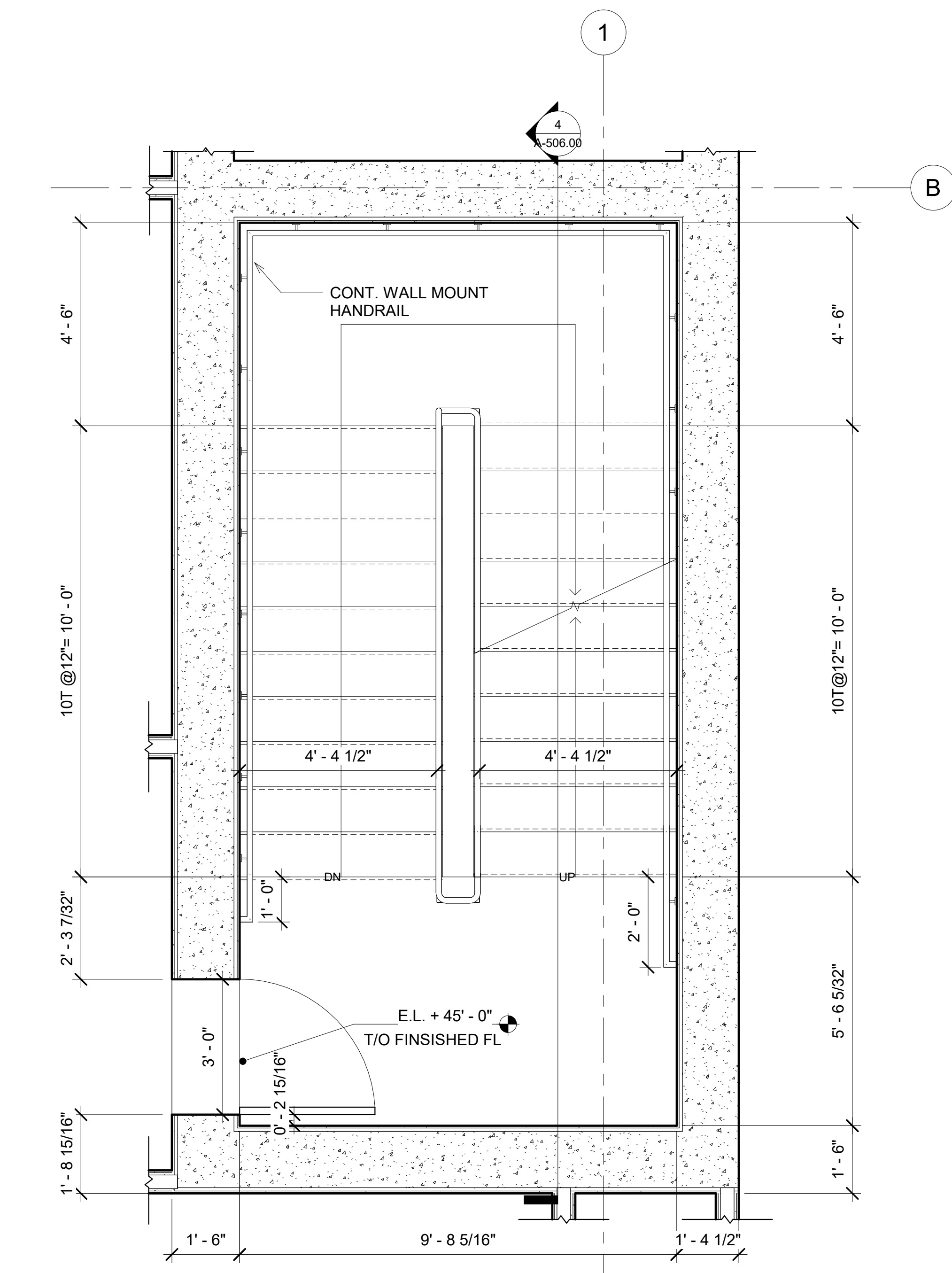
② CONCRETE WALL FINISHED ON BOTH SIDES
3/4" = 1'-0"



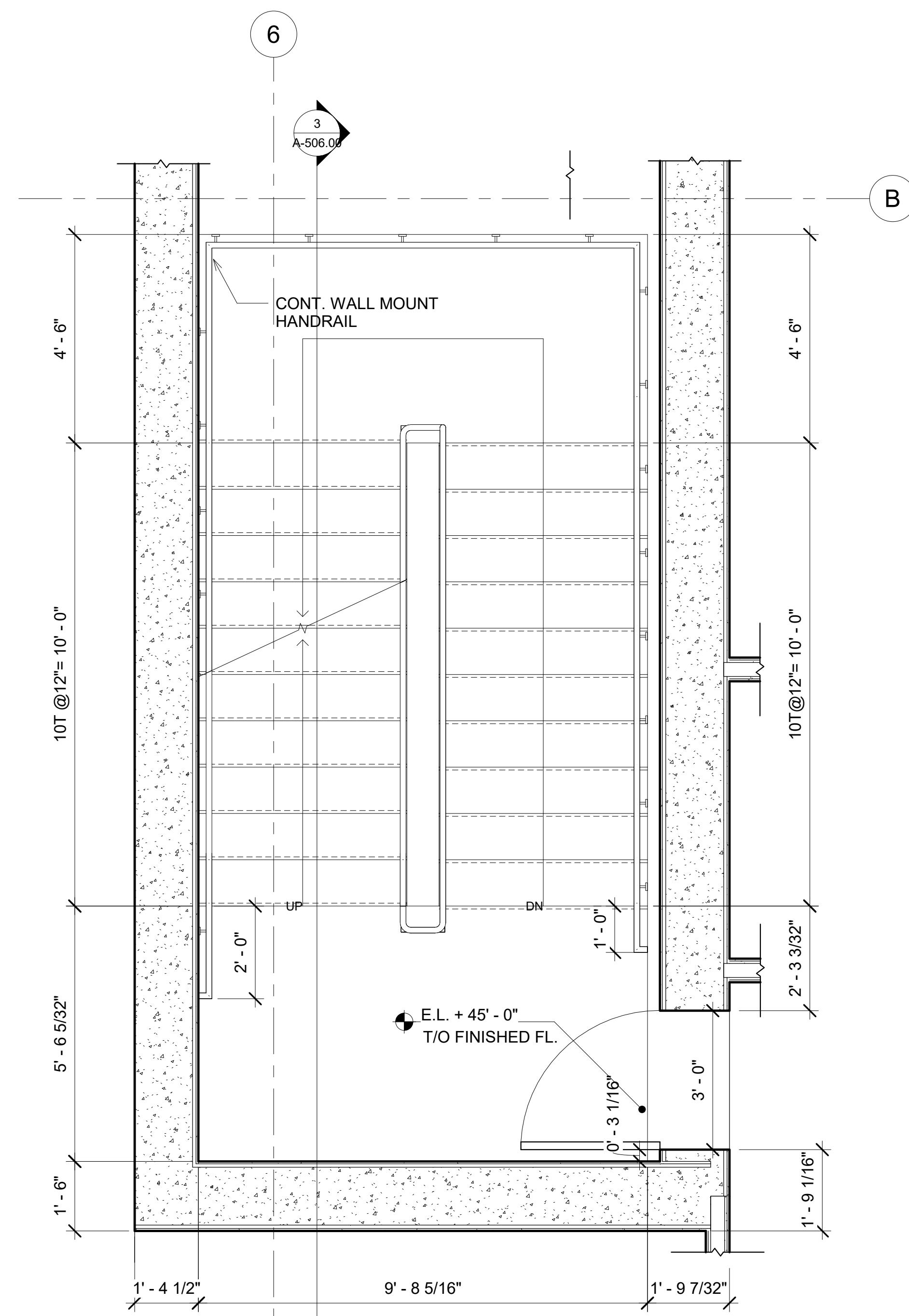
③ CONCRETE WALL FINISHED ON ONE SIDE
3/4" = 1'-0"

**1 JOHN STREET
PARTITION TYPES**

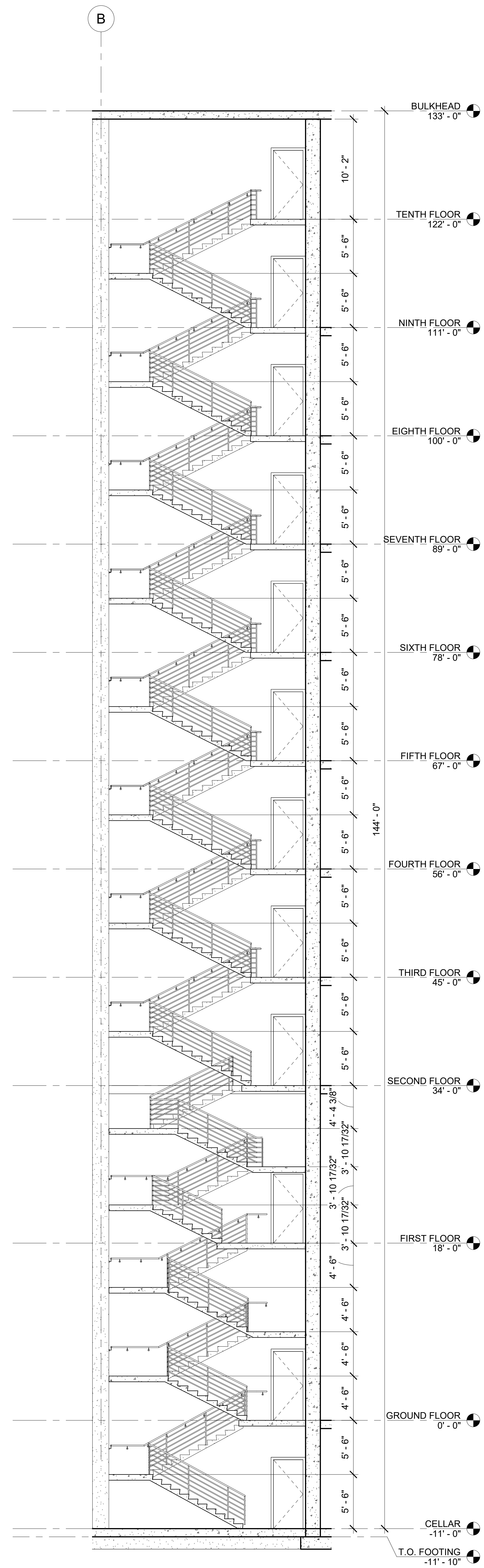
Project Number	Project Number
Date	Issue Date
Drawn By	RYAN SINGH
Checked By	Checker
A-505.00	
Scale	



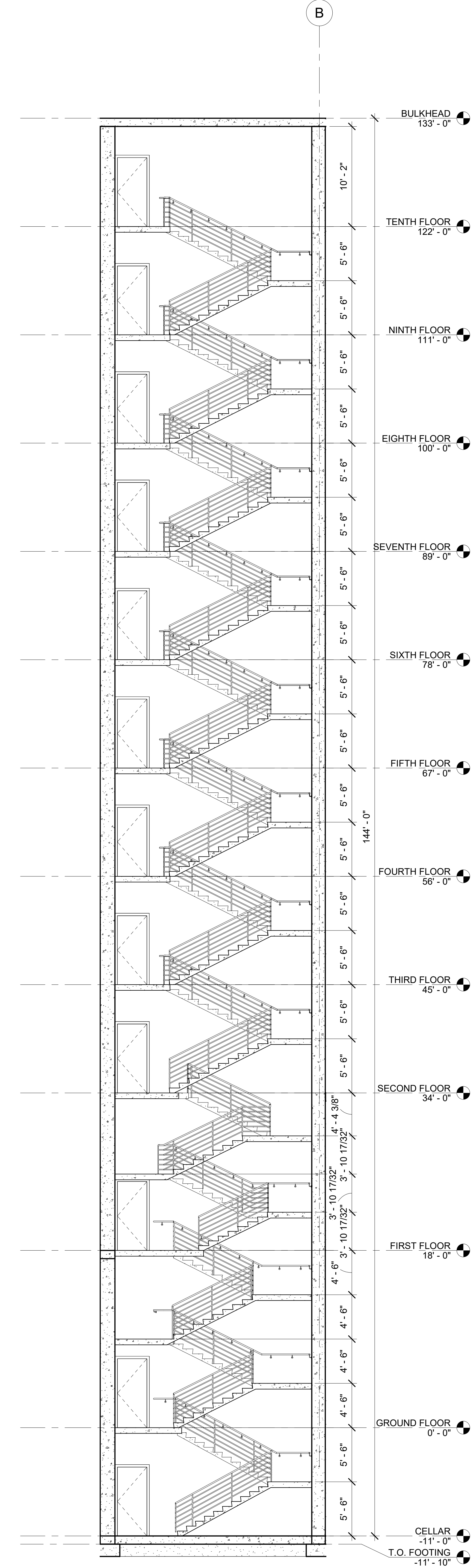
2 STAIR 2 PLAN-THIRD FLOOR
 1/2" = 1'-0"



1 STAIR 1 PLAN-THIRD FLOOR
 1/2" = 1'-0"



3 STAIR 1 SECTION
 3/16" = 1'-0"



4 STAIR 2 SECTION
 3/16" = 1'-0"

1 JOHN STREET
ENLARGED STAIR PLANS AND SECTIONS

Project Number	Project Number
Date	Issue Date
Drawn By	RYAN SINGH
Checked By	Checker

A-506.00

Scale

DIVISION 03-CONCRETE

03 11 00-CONCRETE FORMING

03 11 13-STRUCTURAL CAST IN PLACE CONCRETE FORMING

PART 1. GENERAL

1.1 SUMMARY

Forming members for structural members such as foundation walls, isolated footings, spread footing, columns, stairs, and slabs

PART 2. PRODUCTS

2.2 MANUFACTURES

Any company capable and licensed to do so.

2.3 DESCRIPTION

Formwork must be of timber construction

2.4 PERFORMANCE/DESIGN CRITERIA

Timber performance based on engineers calculations

2.6 MATERIALS ASSEMBLY OR FABRICATION

Formwork assembled on site

PART 3. EXECUTION

3.2 EXAMINATIONS

Formwork must be verified to be free of defects and properly braced

3.3 PREPERATIONS

Release agent must be applied to form work

3.4 ERECTION/INSTALLATION/APPLICATION

Verify all reinforcing members are correct. Build up formwork according to engineers plans.

03 11 13.13-CONCRETE SLIP FORMING

PART 1. GENERAL

1.1 SUMMARY

All shafts will be slipped formed

PART 2. PRODUCTS

2.2 MANUFACTURES

Any company capable and licensed to produce product

2.3 DESCRIPTION

Forms must be as per drawings

2.4 PERFORMANCE/DESIGN CRITERIA

Hoisting Machines must be per engineers calculations and approval

2.6 MATERIALS ASSEMBLY OR FABRICATION

Slip Form assembled on site

PART 3. EXECUTION

3.2 EXAMINATIONS

All items must be inspected they are able to execute requirements

3.3 PREPERATIONS

All hoisting assemblies must be checked they are in operating status. Formwork must be checked before every pour.

3.4 ERECTION/INSTALLATION/APPLICATION

Setup all hoisting assemblies and form work in correct location. Verify all reinforcing members are correct. Do a slump test to verify concrete is to standards. Pour concrete into formwork. Vibrate formwork to release air pockets. After concrete is cured lift formwork with hoist. Verify formwork is usable for next pour. Repeat process

03 15 00-CONCRETE ACCESSORIES

03 15 19-CAST IN ANCHORS

PART 1. GENERAL

1.1 SUMMARY

Cast in anchors embedded in face of slab.

PART 2. PRODUCTS

2.2 MANUFACTURES

HILTI

2.3 DESCRIPTION

HILTI HAC 70 Cast in anchor

HILTI HBC-C-N Bolts

2.4 PERFORMANCE/DESIGN CRITERIA

Pass ASTM E488 / E488M-18

2.7 MIXES AND FINISHES

Galvanized Finishes

PART 3. EXECUTION

3.2 EXAMINATIONS

Verify anchor is free of defects

3.3 PREPERATIONS

Secure to reinforcing members.

3.4 ERECTION/INSTALLATION/APPLICATION

Secure anchor to reinforcing members. After slab has cured, Remove protective foam from anchor.

03 21 00-REINFORCEMENT BARS

03 21 13-GALVANIZED REINFORCEMENT STEEL BARS

PART 1. GENERAL

1.1 SUMMARY

Reinforcing bars in concrete members

PART 2. PRODUCTS

2.2 MANUFACTURES

Any capable supplier

2.3 DESCRIPTION

Rebar sizes are as per drawings

2.4 PERFORMANCE/DESIGN CRITERIA

Up to ASTM A615 standards

2.7 MIXES AND FINISHES

Rebar to have galvanized coating.

PART 3. EXECUTION

3.2 EXAMINATIONS

Rebar must not be damaged.

3.4 ERECTION/INSTALLATION/APPLICATION

Place rebar according to drawing. Verify rebar is securely tied.

03 31 00-STRUCTURAL CONCRETE

03 31 24-ULTRA HIGH PERFORMANCE STRUCTURAL CONCRETE

PART 1. GENERAL

1.1 SUMMARY

Structural members such as foundation walls, isolated footings, spread footing, columns, slabs, shaft walls, and stairs.

PART 2. PRODUCTS

2.2 MANUFACTURES

OLDCASTLE INC. Or equal

2.3 DESCRIPTION

Concrete must be 10,000 psi

2.4 PERFORMANCE/DESIGN CRITERIA

Must pass ASTM C39 / C39M-18 tests

2.6 MATERIALS ASSEMBLY OR FABRICATION

Mixed at plant

PART 3. EXECUTION

3.2 EXAMINATIONS

Weather conditions must be permitting to pour. Must pass slump test when mix arrives to site.

3.3 PREPERATIONS

All form work must be checked before pour. Formwork surfaces must be clear of debris. Additionally, release agent must be applied to form work

3.4 ERECTION/INSTALLATION/APPLICATION

Verify all reinforcing members are correct. Pour concrete mix into molds. Vibrate formwork to release air pocket. Cover formwork while curing to retain moisture in concrete. Allow 30 days to cure

03 49 00-GLASS FIBER REINFORCED CONCRETE

03 49 16-GLASS FIBER REINFORCED CONCRETE SPANDRELS

PART 1. GENERAL

1.1 SUMMARY

Spandrel panels to be 1" thick, length and width are according to drawings. Additionally, vapor barriers to be applied to the back side of panel.

PART 2. PRODUCTS

2.2 MANUFACTURES

GFRC CLADDING

2.4 PERFORMANCE/DESIGN CRITERIA

Must be able to deflect wind based upon engineer's calculations. Water must not be able to permeate through panel.

2.6 MATERIALS ASSEMBLY OR FABRICATION

Panels will be shop assembled

2.7 MIXES AND FINISHES

Color must be dark grey, architect's approval for color will done after samples and mock ups. Finish will be smooth.

PART 3. EXECUTION

3.2 EXAMINATIONS

Panels will be tested to ensure they are to engineer's standards. Panels must be free of defects. Color must be verified it is correct and not faded etc.

3.4 ERECTION/INSTALLATION/APPLICATION

Verify panel is up to standard. Place panel in curtain wall.

DIVISION 05-METALS

05 12 00-STRUCTURAL STEEL FRAMING

05 12 33-STRUCTURAL STEEL FOR BUILDINGS

PART 1. GENERAL

1.1 SUMMARY

Metal studs located in wall assemblies

PART 2. PRODUCTS

2.2 MANUFACTURES

ClarkDietrich or equal

2.3 DESCRIPTION

2"x4" metal studs

4" Metal tracks

2.4 PERFORMANCE/DESIGN CRITERIA

Up to ASTM C745-18

2.6 MATERIALS ASSEMBLY OR FABRICATION

Manufacturer Fabricated

2.7 MIXES AND FINISHES

Standard CP60 coating

PART 3. EXECUTION

3.2 EXAMINATIONS

Verify all members are correct sizes and lengths

3.4 ERECTION/INSTALLATION/APPLICATION

Layout bottom track on slab and secure to slab. Cut studs to appropriate lengths, then slide them into tracks. Keep 16" on center spacing for studs. Lastly slide top track on top of studs. Lastly secure track to bottom of slab. Verify all members are secured and screwed appropriately.

05 45 00-METAL SUPPORT ASSEMBLIES

05 45 13-MECHANICAL METAL SUPPORTS

PART 1. GENERAL

1.1 SUMMARY

Steel angles for curtain wall support

PART 2. PRODUCTS

2.2 MANUFACTURES

Any capable mill

2.3 DESCRIPTION

5"x3"x1/4" A36 Steel Angle

2.4 PERFORMANCE/DESIGN CRITERIA

ASTM A36

2.6 MATERIALS ASSEMBLY OR FABRICATION

Shop Fabricated

2.7 MIXES AND FINISHES

Galvanized finish

PART 3. EXECUTION

3.2 EXAMINATIONS

Verify angles are to specs shown on drawings.

3.4 ERECTION/INSTALLATION/APPLICATION

Verify steel angle is not deformed. Bolt 3" leg to Hilti HAC 70 cast in anchor. Bolt 5" leg to Kawneer vertical mullion. . Torque bolts to engineers specifications. Mark bolts to verify it has been torqued.

05 52 00-METAL RAILINGS

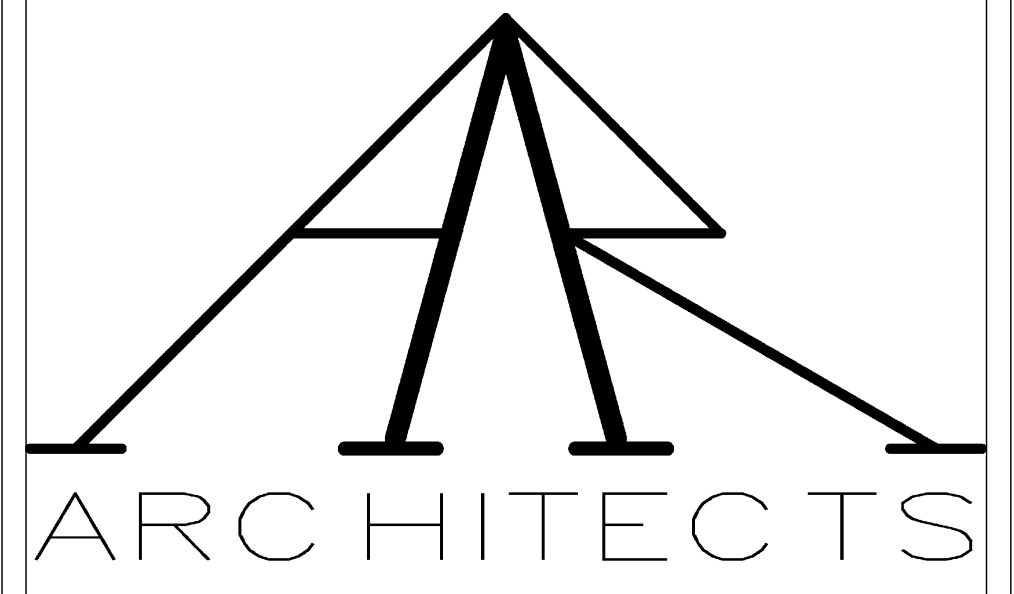
05 52 13-PIPE AND TUBE RAILINGS

PART 1. GENERAL

1.1 SUMMARY

Railings for egress staircases

PART 2. PRODUCTS



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OUTLINE SPECIFICATIONS

Project Number	Project Number
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Drawn By	AQIB BHATTI
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A-600.00

Scale

2.2 MANUFACTURES

Any capable manufacturer

2.3 DESCRIPTION

Railings are 2" in diameter.

2.4 PERFORMANCE/DESIGN CRITERIA

Must abide by ASTM E985 and abide by current ADA standards.

2.6 MATERIALS ASSEMBLY OR FABRICATION

Shop Fabricated

2.7 MIXES AND FINISHES

Painted black

PART 3. EXECUTION

3.2 EXAMINATIONS

Verify railings are made as per drawings. After installation verify all anchors are installed correctly

3.3 PREPERATIONS

Before paint verify surface is clean and free of debris

3.4 ERECTION/INSTALLATION/APPLICATION

Assemble railing components. Mark where railing attachment points are located on wall. Drill hole for anchor. Lift railing in place and secure with proper anchors. After railing is installed tape off surfaces to protect from paint. Clean railing to make free of debris. Apply paint to railing. Remove tape and allow to dry.,

DIVISION 06-WOOD, PLASTICS, COMPOSITS

06 10 00-ROUGH CARPENTRY

06 10 63-EXTERIOR ROUGH CARPENTRY

PART 1. GENERAL

1.1 SUMMARY

Wood blocking at base of curtain wall, and parapet.

PART 2. PRODUCTS

2.2 MANUFACTURES

Wolmanac or equal

2.3 DESCRIPTION

1"x5" lumber

2"x3" lumber

2.4 PERFORMANCE/DESIGN CRITERIA

ASTM D1760-01

2.6 MATERIALS ASSEMBLY OR FABRICATION

Treated at plant

2.7 MIXES AND FINISHES

Lumber must be CCA pressure treated.

PART 3. EXECUTION

3.2 EXAMINATIONS

Verify on field dimension of lumber needed.

3.3 PREPERATIONS

Keep surfaces clean of debris.

3.4 ERECTION/INSTALLATION/APPLICATION

Verify location lumber is to be placed, then lay in position accordingly. Bolt lumber to concrete utilizing hot dipped galvanized anchors.

06 16 00-SHEATHING

06 16 43-GYPSUM SHEATHING

PART 1. GENERAL

1.1 SUMMARY

Sheathing used in wall assemblies

PART 2. PRODUCTS

2.2 MANUFACTURES

Georgia Pacific or equal

2.3 DESCRIPTION

5/8" thick gypsum wall board sheets

2.4 PERFORMANCE/DESIGN CRITERIA

Must be two hour fire rated according to ASTM C1397/C1396M-17 standards

2.6 MATERIALS ASSEMBLY OR FABRICATION

Fabricated by manufacturer

2.7 MIXES AND FINISHES

Painted white

PART 3. EXECUTION

3.2 EXAMINATIONS

Verify boards are not cracked or delaminated due to moisture

3.4 ERECTION/INSTALLATION/APPLICATION

Verify all in wall components are placed appropriately. Secure wallboard to structural/framing members. Between Seams apply sheet rock tape between seams. Fill seams with plaster. After plaster dries sand down surfaces smooth and flat. Tape off surfaces to be painted. Apply paint to wallboard.

DIVISION 07- THERMAL AND MOISTURE PROTECTION

07 14 00-FLUID APPLIED WATERPROOFING

07 14 16-COLD FLUID APPLIED WATERPROOFING

PART 1. GENERAL

1.1 SUMMARY

Water proofing for roofing system

PART 2. PRODUCTS

2.2 MANUFACTURES

Siplast

2.3 DESCRIPTION

PMMA Liquid-Applied waterproofing

2.4 PERFORMANCE/DESIGN CRITERIA

ASTM D6083 compliant

2.7 MIXES AND FINISHES

White finish

PART 3. EXECUTION

3.2 EXAMINATIONS

Verify correct product is used

3.3 PREPERATIONS

Clear surfaces of any debris. Mix bucket before application.

3.4 ERECTION/INSTALLATION/APPLICATION

Install based upon manufacturer's directions.

07 62 00-SHEET METAL FLASHING AND TRIM

PART 1. GENERAL

1.1 SUMMARY

Base flashing

PART 2. PRODUCTS

2.2 MANUFACTURES

B&B sheet metal

2.3 DESCRIPTION

1"x1" legs with drip edge

2.6 MATERIALS ASSEMBLY OR FABRICATION

Factory assembled

2.7 MIXES AND FINISHES

Stainless steel

PART 3. EXECUTION

3.2 EXAMINATIONS

Verify flashing is correct size based upon drawings

3.3 PREPERATIONS

Clear area of debris

3.4 ERECTION/INSTALLATION/APPLICATION

Place flashing on slab edge. Screw into slab from top. Clean surfaces after curtain wall is assembled at ground floor.

07 63 00-SHEET METAL ROOFING SPECIALTIES

PART 1. GENERAL

1.1 SUMMARY

Metal Coping

PART 2. PRODUCTS

2.2 MANUFACTURES

B&B sheet metal

2.3 DESCRIPTION

Aluminum Form Tyte Metal Coping System

2.6 MATERIALS ASSEMBLY OR FABRICATION

Factory assembled

2.7 MIXES AND FINISHES

Flat Aluminum Finish

PART 3. EXECUTION

3.2 EXAMINATIONS

Verify coping is correct size based upon drawings

3.3 PREPERATIONS

Clear area of debris

3.4 ERECTION/INSTALLATION/APPLICATION

Place base coping over foam blocking. Screw base coping into parapet wall. Verify base coping and blocking are aligned with walls and all screws properly installed. Snap coping cap to base coping. Clean coping after installation.

07 21 00-THERMAL INSULATION

07 21 16-BLANKET INSULATION

PART 1. GENERAL

1.1 SUMMARY

Insulation behind curtain walls, and insulation in partitions.

PART 2. PRODUCTS

2.2 MANUFACTURES

Owens Corning

2.3 DESCRIPTION

Curtain wall- 4"/2" Thermafiber Industrial Board Mineral Wool Insulation

2.4 PERFORMANCE/DESIGN CRITERIA

ASTM E136, ASTM C759, and ASTM E84/CAN/ULC S102 compliant

2.6 MATERIALS ASSEMBLY OR FABRICATION

Factory assembled

2.7 MIXES AND FINISHES

15 lbs/cu density

PART 3. EXECUTION

3.2 EXAMINATIONS

Verify no tears in sheets along with proper sheet size for application

3.3 PREPERATIONS

Clear area of debris

3.4 ERECTION/INSTALLATION/APPLICATION

Clear area of debris, Place insulation into cavity. Verify cavity is filled, Cover cavity.

07 22 00-ROOF DECK INSULATION

07 22 16-ROOF BOARD INSULATION

PART 1. GENERAL

1.1 SUMMARY

Insulation on concrete roof deck

PART 2. PRODUCTS

2.2 MANUFACTURES

Owens Corning

2.3 DESCRIPTION

XPS FOAMULAR THERMAPINK 25

2.4 PERFORMANCE/DESIGN CRITERIA

ASTM C518, ASTM D1621, and ASTM E84 compliant

PART 3. EXECUTION

3.2 EXAMINATIONS

Verify boards are not damaged

3.3 PREPERATIONS

Clear roof deck of all debris

3.4 ERECTION/INSTALLATION/APPLICATION

Place insulation boards based upon shop drawings. Verify all slopes are towards drains.

07 26 00-WEATHER BARRIERS

07 26 16-BELOW GRADE VAPOR RETARDERS

PART 1. GENERAL

1.1 SUMMARY

Waterproofing membranes located at foundation

PART 2. PRODUCTS

2.2 MANUFACTURES

Soprema

2.3 DESCRIPTION

Colphene ICF

2.4 PERFORMANCE/DESIGN CRITERIA



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Drawn By	AQIB BHATTI
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A-600.01	
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ASTM D7832 compliant

PART 3. EXECUTION

3.2 EXAMINATIONS
Verify membrane is free of punctures.

3.3 PREPERATIONS
Clear surfaces of debris

3.4 ERECTION/INSTALLATION/APPLICATION
Clear surfaces of debris. Start applying membrane from top of surfaces to the bottom. Be sure to overlap membranes. After install inspect membranes are free of punctures and all surfaces covered.

07 90 00-JOINT PROTECTION

07 91 23-BACKER RODS

PART 1. GENERAL

1.1 SUMMARY
Backer rod located at expansion joints.

PART 2. PRODUCTS

2.2 MANUFACTURES
Sika or equal

2.3 DESCRIPTION
3/4" Closed cell backer rod

2.4 PERFORMANCE/DESIGN CRITERIA
ASTM D5249 Compliant

PART 3. EXECUTION

3.3 PREPERATIONS
Clear joint of debris

3.4 ERECTION/INSTALLATION/APPLICATION
Push backer rod 1/2" to 1" into joint. Verify baker rod is secure.

07 92 00-JOINT SEALANT

07 92 13-ELASTOMETRIC JOINT SEALERS

PART 1. GENERAL

1.1 SUMMARY
Sealant located at joints.

PART 2. PRODUCTS

2.2 MANUFACTURES
Sika

2.3 DESCRIPTION
Sikasil N Plus US

2.4 PERFORMANCE/DESIGN CRITERIA
ASTM C920 Compliant

PART 3. EXECUTION

3.3 PREPERATIONS
Clear joint of debris

3.4 ERECTION/INSTALLATION/APPLICATION
Verify backer rod is placed in joint. Lay sealant into joint. After, with plastic sealant tool smoothen the sealant

DIVISION 08-OPENINGS

08 13 00-METAL DOORS

08 13 13-HOLLOW METAL DOORS

PART 1. GENERAL

1.1 SUMMARY
Hollow metal doors located at exteriors and interiors

PART 2. PRODUCTS

2.2 MANUFACTURES
Curries or equal

2.3 DESCRIPTION
Exterior-36"x84"x7' 747 Series-steel stiffened
Interior- 36"x84"x7' 607 Series-composite

2.4 PERFORMANCE/DESIGN CRITERIA
3 hour fire rated

2.7 MIXES AND FINISHES
Stainless Steel

PART 3. EXECUTION

3.2 EXAMINATIONS

Verify product is free of damage

3.3 PREPERATIONS
Cover finished surfaces with plastic wrap

3.4 ERECTION/INSTALLATION/APPLICATION
Install based upon manufacturer's instructions

08 44 00-CURTAIN WALL AND GLAZED ASSEMBLIES

08 44 13-GLAZED ALUMINUM CURTAIN WALLS

PART 1. GENERAL

1.1 SUMMARY
Curtain wall system utilized in project

PART 2. PRODUCTS

2.2 MANUFACTURES
Kawneer

2.3 DESCRIPTION
Kawneer 1600 Wall System 2 Curtain Wall

2.4 PERFORMANCE/DESIGN CRITERIA
ASTM E1105-15 and ASTM E330/E330M-14 Compliant

2.6 MATERIALS ASSEMBLY OR FABRICATION
Assembled on site

2.7 MIXES AND FINISHES
Flat aluminum finish

PART 3. EXECUTION

3.2 EXAMINATIONS
Verify correct members are used in appropriate locations

3.3 PREPERATIONS
Clear area of debris. Verify anchors are correctly torques. All finished surfaces and Glass lites are to be covered.

3.4 ERECTION/INSTALLATION/APPLICATION
Start assembling system from bottom to top. Assemble components according to manufacturer's instructions.

08 91 00-LOUVERS

08 91 19-FIXED LOUVERS

PART 1. GENERAL

1.1 SUMMARY
Louvers located at exterior walls of mechanical rooms

PART 2. PRODUCTS

2.2 MANUFACTURES
Greenheck

2.3 DESCRIPTION
ESD-435

2.4 PERFORMANCE/DESIGN CRITERIA
AMCA 500-L Water Penetration and air performance compliant.

2.6 MATERIALS ASSEMBLY OR FABRICATION
Factory assembled

2.7 MIXES AND FINISHES
Aluminum finish

PART 3. EXECUTION

3.2 EXAMINATIONS
Verify products are free of defects

3.3 PREPERATIONS
Clear area of debris.

3.4 ERECTION/INSTALLATION/APPLICATION
Install louver according to manufacturer's instructions.

DIVISION 09-FINISHES

09 22 00-SUPPORT FOR PLASTER AND GYPSUM BOARD

09 22 13-METAL FURRING

PART 1. GENERAL

1.1 SUMMARY
Furring channels

PART 2. PRODUCTS

2.2 MANUFACTURES
Cemcostal or equal

2.3 DESCRIPTION

7/8" Furring Hat Channel

2.4 PERFORMANCE/DESIGN CRITERIA
ASTM A653/653M, ASTM A924/924M, ASTM A1003/A1003M, ASTM C645, and ASTM C754 Compliant

PART 3. EXECUTION

3.2 EXAMINATIONS
Verify furring's are correct size and free of damage

3.3 PREPERATIONS
Clear mounting surfaces of debris

3.4 ERECTION/INSTALLATION/APPLICATION
Screw furring into wall, verify furring is attached to wall properly. Space furring at 16" on center.

09 30 00-TILING

09 30 13-CERAMIC TILING

PART 1. GENERAL

1.1 SUMMARY
Ceramic tiles located in bathrooms

PART 2. PRODUCTS

2.2 MANUFACTURES
Ceramic Tile Works or equal

2.3 DESCRIPTION
10"x16", 13"x13" Cove Ceramic tile

2.7 MIXES AND FINISHES
Ice Finish

PART 3. EXECUTION

3.2 EXAMINATIONS
Verify tiles are not cracked and are correct size

3.3 PREPERATIONS
Clear work area of debris

3.4 ERECTION/INSTALLATION/APPLICATION
Layout tiles according, cut tiles at edges if necessary. Apply thin set mortar to floor. Place tile on floor with spacers. Adjust tiles so they are leveled. Allow mortar to dry and remove spacers. Apply layer of grout over joints and wipe away excess grout. After grout dries clean all tiles.

09 30 33-STONE TILING

PART 1. GENERAL

1.1 SUMMARY
Marble located at lobbies

PART 2. PRODUCTS

2.2 MANUFACTURES
Ceramic Tile Works or equal

2.3 DESCRIPTION
24"x24" Venatino marble

2.7 MIXES AND FINISHES
Venatino Bianco

PART 3. EXECUTION

3.2 EXAMINATIONS
Verify tiles are not cracked and are correct size

3.3 PREPERATIONS
Clear work area of debris

3.4 ERECTION/INSTALLATION/APPLICATION
Layout tiles according, cut tiles at edges if necessary. Apply thin set mortar to floor. Place tile on floor with spacers. Adjust tiles so they are leveled. Allow mortar to dry and remove spacers. Apply layer of grout over joints and wipe away excess grout. After grout dries clean all tiles.

09 51 00-ACOUSTICAL CIELINGS

09 51 13-ACOUSTICAL PANEL CIELINGS

PART 1. GENERAL

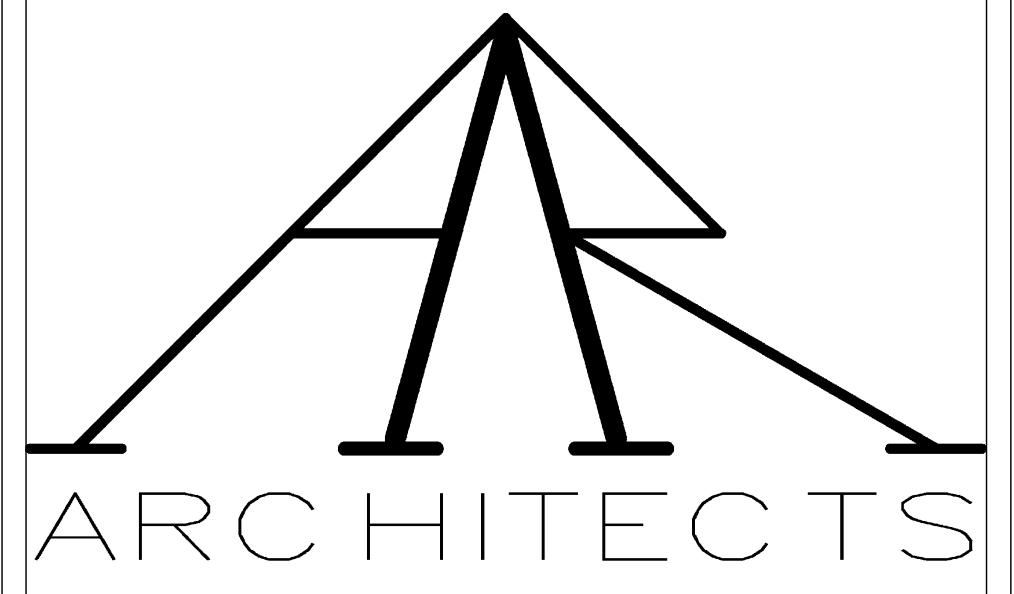
1.1 SUMMARY
Acoustic Ceiling

PART 2. PRODUCTS

2.2 MANUFACTURES
Armstrong

2.3 DESCRIPTION
Clean Room VL-2'x2' Panel

2.4 PERFORMANCE/DESIGN CRITERIA
ASTM E84 Compliant



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OUTLINE SPECIFICATIONS

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2.6 MATERIALS ASSEMBLY OR FABRICATION

Assembled on site

2.7 MIXES AND FINISHES

White

PART 3. EXECUTION

3.2 EXAMINATIONS

Verify panels and tracks are free of damage

3.3 PREPERATIONS

All plumbing fixtures to be installed in work area

3.4 ERECTION/INSTALLATION/APPLICATION

Install according to manufacturers supplied installation guide.

09 65 00-RESILIENT FLOORING

09 65 19.23-VINYL TILE FLOORING

PART 1. GENERAL

1.1 SUMMARY

Vinyl Tile Flooring

PART 2. PRODUCTS

2.2 MANUFACTURES

Armstrong Flooring

2.3 DESCRIPTION

12"x12" Vinyl Composition Tile

2.4 PERFORMANCE/DESIGN CRITERIA

ASTM F1514 Compliant

2.7 MIXES AND FINISHES

Classic White: 51911

PART 3. EXECUTION

3.2 EXAMINATIONS

Verify tiles are not damaged

3.3 PREPERATIONS

Clear area of debris

3.4 ERECTION/INSTALLATION/APPLICATION

Verify center of room and layout tiles from there. Cut tiles at edges. Remove tiles from work area and apply adhesive to floor. Place tile on floor and snap into to next tile verify tiles are leveled. Allow to mastic to dry then clean tiles.

09 68 00-CARPETING

09 68 13-TILE CARPETING

PART 1. GENERAL

1.1 SUMMARY

Floor carpet tiles

PART 2. PRODUCTS

2.2 MANUFACTURES

Flor

2.3 DESCRIPTION

6"x6" La-Di-Da Carpet tiles

2.4 PERFORMANCE/DESIGN CRITERIA

ASTM E662 compliant

2.7 MIXES AND FINISHES

Seafoam

PART 3. EXECUTION

3.2 EXAMINATIONS

Verify tiles are free of stains and damage

3.3 PREPERATIONS

Clear surfaces of debris

3.4 ERECTION/INSTALLATION/APPLICATION

Verify center of room and layout tiles from there. Cut tiles at edges. Remove tiles from work area and apply mastic to floor. Place carpet tile on floor and snap into to next tile. After tiles are places, go over them with roller. Allow to mastic to dry then vacuum carpet.

09 75 00-STONE FACING

09 75 13-STONE WALL FACING

PART 1. GENERAL

1.1 SUMMARY

Marble located at lobbies

PART 2. PRODUCTS

2.2 MANUFACTURES

Ceramic Tile Works or equal

2.3 DESCRIPTION

24"x24" Venatino marble

2.7 MIXES AND FINISHES

Venatino Bianco

PART 3. EXECUTION

3.2 EXAMINATIONS

Verify tiles are not cracked and are correct size

3.3 PREPERATIONS

Clear work area of debris

3.4 ERECTION/INSTALLATION/APPLICATION

Apply tile adhesive to wall. Place tile straight on wall with spacers. Adjust tiles so they are leveled. Allow mortar to dry and remove spacers. Apply layer of grout over joints and wipe away excess grout. After grout dries clean all tiles. Cut tiles at top of wall if necessary.

09 91 00-PAINTING

09 91 23-INTERIOR PAINTING

PART 1. GENERAL

1.1 SUMMARY

Paint for interior walls

PART 2. PRODUCTS

2.2 MANUFACTURES

Sherwin Williams

2.3 DESCRIPTION

Emerald Interior Acrylic Latex Paint

2.4 PERFORMANCE/DESIGN CRITERIA

UL 2818 Compliant

2.7 MIXES AND FINISHES

Extra White Semi Gloss

PART 3. EXECUTION

3.2 EXAMINATIONS

Verify correct color and finish

3.3 PREPERATIONS

Verify wall board is sanded and smooth with no holes or damages.

3.4 ERECTION/INSTALLATION/APPLICATION

Clean surfaces to paint. Tape off edges that paint will end. Cover all surfaces that will not be painted including flooring and other assemblies. Apply 2 coats of paint to wall. Remove tape and allow paint to dry. Remove all protective coverings.

DIVISION 10-SPECIALTIES

10 21 00-COMPARTMENTS AND CUBICLES

10 21 13-TOILET COMPARTMENTS

PART 1. GENERAL

1.1 SUMMARY

Stalls for toilets

PART 2. PRODUCTS

2.2 MANUFACTURES

PartitionPlus or equal

2.3 DESCRIPTION

5'x5'x5'10" Accessible stall

2'10"x5'x5'10" Stall

2.4 PERFORMANCE/DESIGN CRITERIA

Current ADA standards

2.6 MATERIALS ASSEMBLY OR FABRICATION

Manufacturer fabricated

2.7 MIXES AND FINISHES

Stainless Steel Finish

PART 3. EXECUTION

3.2 EXAMINATIONS

Verify surfaces are free of defects

3.3 PREPERATIONS

Apply plastic wrap to surfaces

3.4 ERECTION/INSTALLATION/APPLICATION

Verify surfaces are free of damage. Wrap surfaces in plastic wrap. Assemble stalls and anchor in wall. After interior finishes completed remove plastic wrap.

10 71 00-EXTERIOR PROTECTION

10 71 13-EXTERIOR SUN CONTROL DEVICES

PART 1. GENERAL

1.1 SUMMARY

Sun shading devices for curtain wall

PART 2. PRODUCTS

2.2 MANUFACTURES

Kawneer

2.3 DESCRIPTION

Versoleil SunShade- 30" Outrigger System for Curtain wall

Versoleil SunShade-6" Single Blade System for Curtain wall

2.4 PERFORMANCE/DESIGN CRITERIA

Loading performance must be met by engineers calculations

2.6 MATERIALS ASSEMBLY OR FABRICATION

Manufacturer fabricated

2.7 MIXES AND FINISHES

Flat enamel aluminum finishes.

PART 3. EXECUTION

3.2 EXAMINATIONS

Verify products are as shown in drawings. Inspect products are free of damage

3.4 ERECTION/INSTALLATION/APPLICATION

Verify location of outriggers. Bolt plate to vertical mullion. Bolt outrigger systems to plate. Verify all bolts are torqued and secured.

DIVISION 14-CONVEYING EQUIPMENT

14 20 00-ELEVATORS

PART 1. GENERAL

1.1 SUMMARY

Elevator located in shaft 1

PART 2. PRODUCTS

2.2 MANUFACTURES

Schindler

2.3 DESCRIPTION

Mid-rise MRL Elevator Scindler 5500

2.4 PERFORMANCE/DESIGN CRITERIA

ASTM A17.3-2017 Standars

2.6 MATERIALS ASSEMBLY OR FABRICATION

Factory Assembled

2.7 MIXES AND FINISHES

#8 Stainless steel finish

PART 3. EXECUTION

3.2 EXAMINATIONS

Verify all components and assemblies are complete

3.3 PREPERATIONS

During installation and testing install elevator pads

3.4 ERECTION/INSTALLATION/APPLICATION

Install based upon manufacturers instruction

14 24 00-HYDRAULIC ELEVATORS

14 24 23-HYDRAULIC PASSENGER ELEVATORS

PART 1. GENERAL

1.1 SUMMARY

Elevator located in shaft 2

PART 2. PRODUCTS

2.2 MANUFACTURES

Schindler

2.3 DESCRIPTION

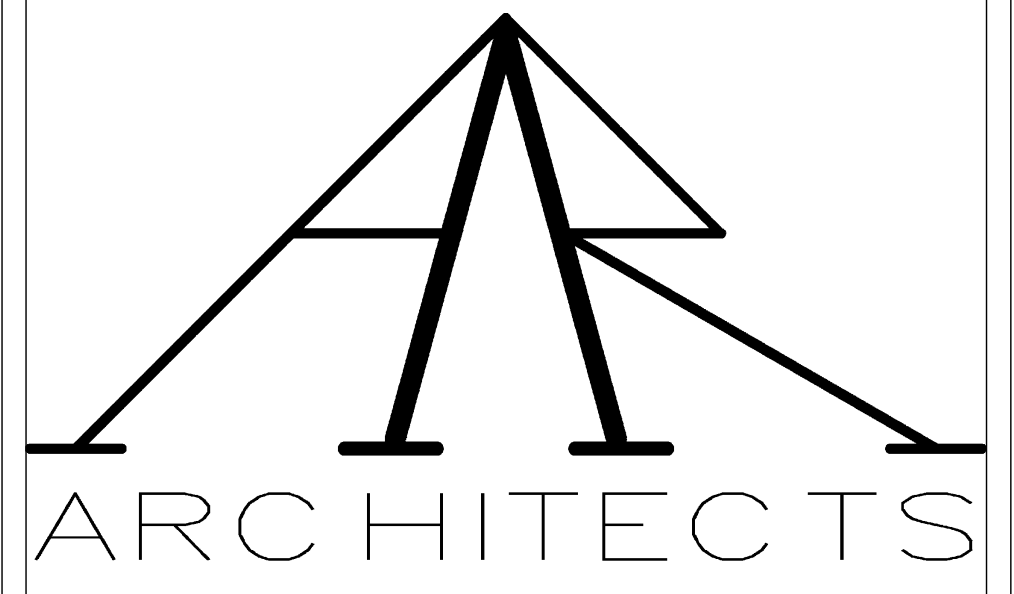
Low-rise MRL Hydraulic Elevator Scindler 3100

2.4 PERFORMANCE/DESIGN CRITERIA

ASTM A17.3-2017 Standars

2.6 MATERIALS ASSEMBLY OR FABRICATION

Factory Assembled



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2.7 MIXES AND FINISHES

#8 Stainless steel finish

PART 3. EXECUTION

3.2 EXAMINATIONS

Verify all components and assemblies are complete

3.3 PREPERATIONS

During installation and testing install elevator pads

3.4 ERECTION/INSTALLATION/APPLICATION

Install based upon manufacturers instruction

DIVISION 21-FIRE SUPPRESSION

21 13 00-FIRE SUPPRESSION SPRINKLER SYSTEM

21 13 16-DRY PIPE SPRINKLER SYSTEM

PART 1. GENERAL

1.1 SUMMARY

Sprinkler heads

PART 2. PRODUCTS

2.2 MANUFACTURES

VIKING

2.3 DESCRIPTION

VK003-Micromatic Standard response pendent sprinkler

2.4 PERFORMANCE/DESIGN CRITERIA

FM Certificate of compliance

2.6 MATERIALS ASSEMBLY OR FABRICATION

Manufacture assembled

2.7 MIXES AND FINISHES

Chrome finish

PART 3. EXECUTION

3.2 EXAMINATIONS

Verify plumbing system and fittings are correctly installed

3.3 PREPERATIONS

Cut appropriate size hole in act panel

3.4 ERECTION/INSTALLATION/APPLICATION

Locate sprinkler location. Install attachment cables. Cut hole in act panel. Install sprinkler head to plumbing and suspension cable. Guide sprinkler head through hole in act panel. Install act panel in track. Screw bezel to secure sprinkler head to act panel

DIVISION 22-PLUMBING

22 42 16-COMMERCIAL PLUMBING

22 42 13.13-COMMERCIAL WATER CLOSETS

PART 1. GENERAL

1.1 SUMMARY

Water closets in bathrooms

PART 2. PRODUCTS

2.2 MANUFACTURES

KOHLER

2.3 DESCRIPTION

Kingston wall mounted 1.6 gpf flushometer valve toilet bowl with top inlet

2.4 PERFORMANCE/DESIGN CRITERIA

Certified by IAPMO R&T

ADA compliant

2.6 MATERIALS ASSEMBLY OR FABRICATION

Factory assembled

2.7 MIXES AND FINISHES

Standard white

PART 3. EXECUTION

3.2 EXAMINATIONS

Verify product is free of defects and cracks

3.3 PREPERATIONS

Clean area of debris and cover finished surfaces

3.4 ERECTION/INSTALLATION/APPLICATION

Verify position of fixture is ADA compliant (refer to drawing G-101.00). Install based upon manufacturers supplied instructions. Once installed verify fixture is properly working and free of leaks. After installation is complete, clear area of debris and clean fixture.

22 42 13.16-COMMERCIAL URINALS

PART 1. GENERAL

1.1 SUMMARY

Urinals in bathrooms

PART 2. PRODUCTS

2.2 MANUFACTURES

KOHLER

2.3 DESCRIPTION

Stanwell blow out 0.5-1.0 urinal with rear spud

2.4 PERFORMANCE/DESIGN CRITERIA

Certified by IAPMO R&T

ADA compliant

2.6 MATERIALS ASSEMBLY OR FABRICATION

Factory assembled

2.7 MIXES AND FINISHES

Standard white

PART 3. EXECUTION

3.2 EXAMINATIONS

Verify product is free of defects and cracks

3.3 PREPERATIONS

Clean area of debris and cover finished surfaces

3.4 ERECTION/INSTALLATION/APPLICATION

Verify position of fixture is ADA compliant (refer to drawing G-101.00). Install based upon manufacturers supplied instructions. Once installed verify fixture is properly working and free of leaks. After installation is complete, clear area of debris and clean fixture.

22 42 16.16-COMMERCIAL SINKS

PART 1. GENERAL

1.1 SUMMARY

Sinks in bathrooms

PART 2. PRODUCTS

2.2 MANUFACTURES

KOHLER

2.3 DESCRIPTION

Chesapeake 19-1/4" x 17-1/4" wall mounted/concealed carrier arm bathroom sink with 4" center set faucet holes

2.4 PERFORMANCE/DESIGN CRITERIA

ADA compliant

2.6 MATERIALS ASSEMBLY OR FABRICATION

Factory assembled

2.7 MIXES AND FINISHES

Standard white

PART 3. EXECUTION

3.2 EXAMINATIONS

Verify product is free of defects and cracks

3.3 PREPERATIONS

Clean area of debris and cover finished surfaces

3.4 ERECTION/INSTALLATION/APPLICATION

Verify position of fixture is ADA compliant (refer to drawing G-101.00). Install based upon manufacturers supplied instructions. Once installed verify fixture is properly working and free of leaks. After installation is complete, clear area of debris and clean fixture.

DIVISION 23-HEATING, VENTILATING, AND AIR CONDITIONING (HVAC)

23 37 00-AIR OUTLETS AND INLETS

23 37 13-DIFFUSERS, REGISTERS AND GRILLES

PART 1. GENERAL

1.1 SUMMARY

Diffusers located in ceiling

PART 2. PRODUCTS

2.2 MANUFACTURES

Manufactured Duct & Supply

Or equal

2.3 DESCRIPTION

6"-24"x24" Louvered Diffuser

2.4 PERFORMANCE/DESIGN CRITERIA

ASTM F2975 Standards

2.6 MATERIALS ASSEMBLY OR FABRICATION

Factory assembled

2.7 MIXES AND FINISHES

White Finish

PART 3. EXECUTION

3.2 EXAMINATIONS

Verify diffuser is not damaged

3.3 PREPERATIONS

Clean diffuser after installation

3.4 ERECTION/INSTALLATION/APPLICATION

Place diffuser in specified location in ceiling tracks. Connect duct to diffuser. Place all panels in respected locations. Clean diffuser of any debris.

DIVISION 26-ELECTRICAL

26 51 00-INTERIOR LIGHTING

26 51 16-FUORESCENT INTERIOR LIGHTING

PART 1. GENERAL

1.1 SUMMARY

All lighting accessories

PART 2. PRODUCTS

2.2 MANUFACTURES

Cooper Industries or equal

2.3 DESCRIPTION

Class R2 Micro Baffle 1T5 2x2

LDB6 Downlight

2.4 PERFORMANCE/DESIGN CRITERIA

ASTM E1733-95

2.6 MATERIALS ASSEMBLY OR FABRICATION

Factory assembled

2.7 MIXES AND FINISHES

Standard white finish for Class R2 Micro Baffle

Stainless Steel for LDB6

PART 3. EXECUTION

3.2 EXAMINATIONS

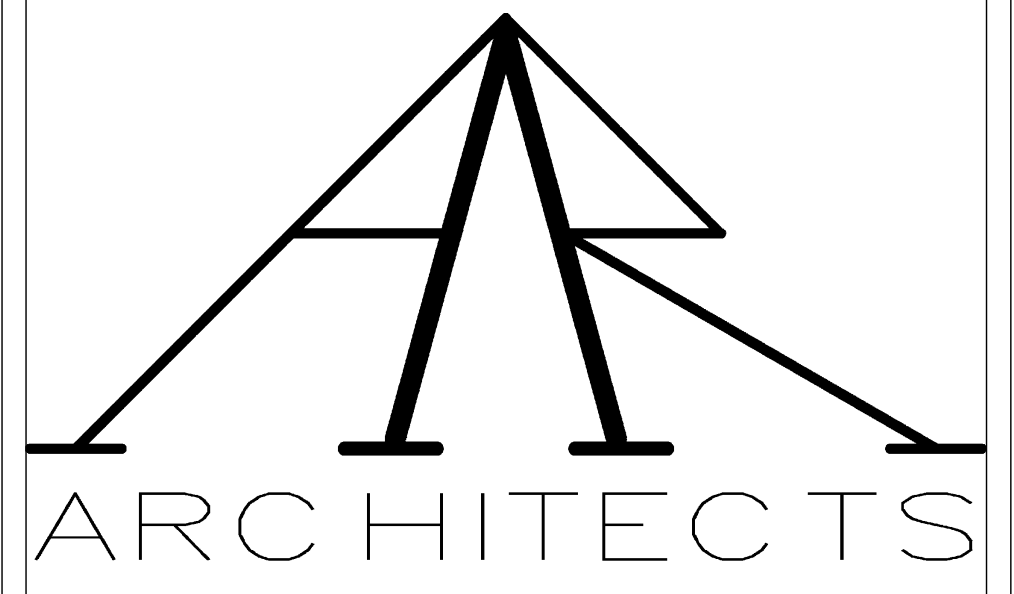
Verify fixtures are free of defects

3.3 PREPERATIONS

Protect surfaces before installation

3.4 ERECTION/INSTALLATION/APPLICATION

Verify electricity is cut off. Depending on fixture cut hole in ceiling. Attach wires according to manufacturer. Insert fixture into ceiling and lock in with bezel. Turn power on and test light fixture is working. Clean fixture after installation is complete



Group 7

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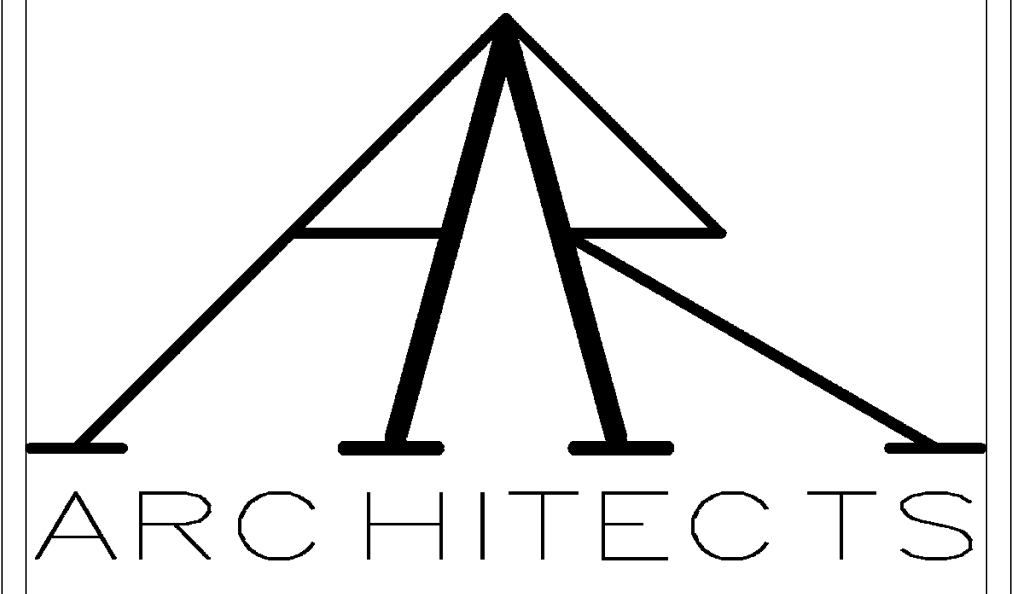
AQIB BHATTI

RYAN SINGH

1 JOHN STREET

OUTLINE SPECIFICATIONS

Project Number	Project Number
Date	Issue Date
Drawn By	AQIB BHATTI
Checked By	Checker
A-600.04	
Scale	



Group 7

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AQIB BHATTI

RYAN SINGH

Finish Schedule							
Level	Room Name	Room Number	Floor Area	Wall Finish	Base Finish	Floor Finish	Ceiling Finish
GROUND FLOOR	BATH RM. 1	G01	70 SF	PAINTED/TILE	TILE	Tile, Porcelain, 4in	GYP
GROUND FLOOR	BATH RM. 2	G02	70 SF	PAINTED/TILE	TILE	Tile, Porcelain, 4in	GYP
GROUND FLOOR	BLDG OFFICE	G03	113 SF	PAINTED	VINYL	Carpet (1)	ACT
GROUND FLOOR	BLDG. OFFICE	G04	113 SF	PAINTED	VINYL	Carpet (1)	ACT
GROUND FLOOR	BLDG. STORAGE	G05	114 SF	PAINTED	VINYL	Concrete, Cast-in-Place gray	U.F.
GROUND FLOOR	MECH. ROOM 1	G06	351 SF	PAINTED	N.A	Concrete, Cast-in-Place gray	U.F.
GROUND FLOOR	ELEVATOR SHAFT 2	G07	270 SF	U.F.	N.A	Concrete, Cast-in-Place gray	U.F.
GROUND FLOOR	JANITOR CLOSET 1	G08	55 SF	PAINTED	N.A	Concrete, Cast-in-Place gray	U.F.
GROUND FLOOR	JANITOR CLOSET 2	G09	55 SF	PAINTED	N.A	Concrete, Cast-in-Place gray	U.F.
GROUND FLOOR	OFFICE LOBBY	G10	478 SF	MARBLE	MARBLE	Marble	GYP
GROUND FLOOR	ELEVATOR SHAFT 2	G11	283 SF	U.F.	N.A	Concrete, Cast-in-Place, Gray	U.F.
GROUND FLOOR	OPEN FLOOR 1	G12	2798 SF	PAINTED	VINYL	Vinyl Composition Tile	ACT
GROUND FLOOR	MECH ROOM 2	G13	356 SF	U.F.	N.A	Concrete, Cast-in-Place, Gray	U.F.
GROUND FLOOR	OPEN FLOOR 2	G14	2806 SF	PAINTED	VINYL	Vinyl Composition Tile	ACT
GROUND FLOOR	SHAFT 2	G15	63 SF	U.F.	N.A	Concrete, Cast-in-Place, Gray	U.F.
GROUND FLOOR	SHAFT 1	G16	74 SF	U.F.	N.A	Concrete, Cast-in-Place, Gray	U.F.
GROUND FLOOR	STAIR 1	G17	212 SF	PAINTED	VINYL	Concrete, Cast-in-Place, Gray	U.F.
GROUND FLOOR	STAIRS 2	G18	197 SF	PAINTED	VINYL	Concrete, Cast-in-Place, Gray	U.F.
GROUND FLOOR	HALLWAY 1	G19	126 SF	PAINTED	VINYL	Carpet (1)	ACT
THIRD FLOOR	OFFICE	300	199 SF	PAINTED	VINYL	Carpet (1)	ACT
THIRD FLOOR	OFFICE	301	204 SF	PAINTED	VINYL	Carpet (1)	ACT
THIRD FLOOR	COAT ROOM	302	3236 SF	PAINTED	VINYL	Vinyl Composition Tile	ACT
THIRD FLOOR	OFFICE	303	150 SF	PAINTED	VINYL	Carpet (1)	ACT
THIRD FLOOR	OFFICE	304	150 SF	PAINTED	VINYL	Carpet (1)	ACT
THIRD FLOOR	OFFICE	305	150 SF	PAINTED	VINYL	Carpet (1)	ACT
THIRD FLOOR	OFFICE	306	150 SF	PAINTED	VINYL	Carpet (1)	ACT
THIRD FLOOR	OFFICE	307	150 SF	PAINTED	VINYL	Carpet (1)	ACT
THIRD FLOOR	OFFICE	308	150 SF	PAINTED	VINYL	Carpet (1)	ACT
THIRD FLOOR	OFFICE	309	216 SF	PAINTED	VINYL	Carpet (1)	ACT
THIRD FLOOR	OFFICE	310	213 SF	PAINTED	VINYL	Carpet (1)	ACT
THIRD FLOOR	STAFF LOUNGE	311	483 SF	PAINTED	VINYL	Carpet (1)	GYP
THIRD FLOOR	CON. ROOM	312	261 SF	MARBLE	MARBLE	Marble	GYP
THIRD FLOOR	CON. ROOM	313	240 SF	MARBLE	MARBLE	Marble	GYP
THIRD FLOOR	CON. ROOM	314	239 SF	MARBLE	MARBLE	Marble	GYP
THIRD FLOOR	CON. ROOM	315	245 SF	MARBLE	MARBLE	Marble	GYP
THIRD FLOOR	WOMENS BATHROOM	319	191 SF	PAINTED/TILE	TILE	Tile, Porcelain, 4in	GYP
THIRD FLOOR	MENS BATHROOM	320	193 SF	PAINTED/TILE	TILE	Tile, Porcelain, 4in	GYP
THIRD FLOOR	MECH. ROOM	322	514 SF	U.F.	N.A	Concrete, Cast-in-Place, Gray	U.F.
THIRD FLOOR	STORAGE	323	105 SF	PAINTED	N.A	Concrete, Cast-in-Place, Gray	GYP
THIRD FLOOR	STORAGE	324	105 SF	PAINTED	N.A	Concrete, Cast-in-Place, Gray	GYP
THIRD FLOOR	E.L ROOM	325	18 SF	PAINTED	N.A	Concrete, Cast-in-Place, Gray	U.F.
THIRD FLOOR	J.C	328	48 SF	PAINTED	N.A	Concrete, Cast-in-Place, Gray	U.F.

1 JOHN STREET

FINISH PLAN SCHEDULE

Project Number	Project Number
Date	Issue Date
Drawn By	AQIB BHATTI
Checked By	Checker

A-601.00

Scale