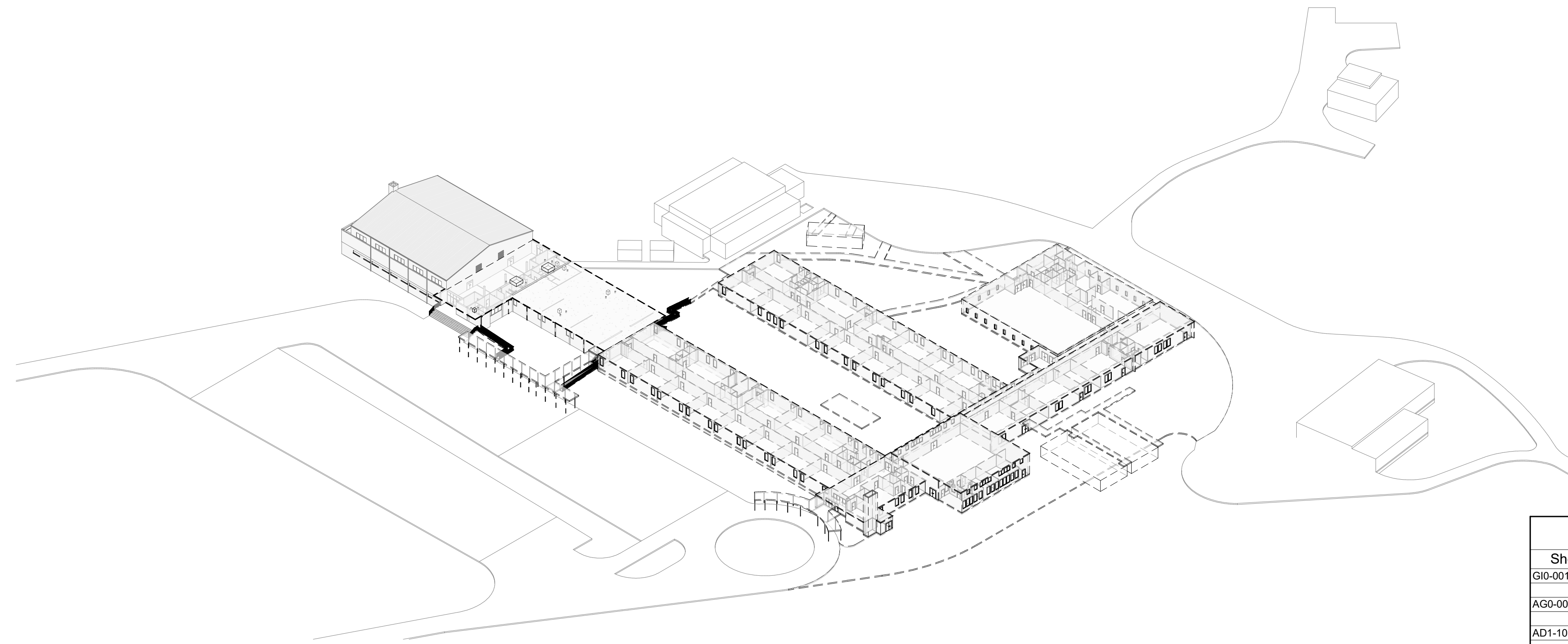


TROUP COUNTY, GEORGIA

WHITESVILLE ELEMENTARY SCHOOL

DEMOLITION & RENOVATION PACKAGE

1700 WHITESVILLE ROAD LAGRANGE, GA 30240



BUILDING CODE INFORMATION

PROJECT CODE REVIEW FOR:
CITY OF LAGRANGE / WHITESVILLE ELEMENTARY SCHOOL DEMOLITION PACKAGE
TROUP COUNTY, GEORGIA

JURISDICTION:
LA GRANGE, TROUP COUNTY, GEORGIA

APPLICABLE CODES TO THE AHJ:

- 2018 EDITION INTERNATIONAL BUILDING CODE (IBC)
- 2012 EDITION INTERNATIONAL EXISTING BUILDING CODE (IEBC)
- 2020 EDITION NATIONAL ELECTRICAL CODE (NEC)
- 2018 EDITION INTERNATIONAL MECHANICAL CODE (IMC)
- 2018 EDITION INTERNATIONAL FUEL GAS CODE (IGC)
- 2018 EDITION INTERNATIONAL PLUMBING CODE (IPC)
- 2015 EDITION INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
- 2018 EDITION INTERNATIONAL FIRE CODE (IFC)
- 2010 AMERICANS WITH DISABILITIES ACT (ADA)
- 1997 GEORGIA ACCESSIBILITY CODE
- 2018 NFPA 101 LIFE SAFETY CODE (LSC)

USE AND OCCUPANCY CLASSIFICATION:
A-4 §303.5 ASSEMBLY GROUP A-4

ALLOWABLE BUILDING HEIGHTS AND AREAS:

HEIGHT (IBC TABLE 504.4, 504.3)
ALLOWED: 2 STORIES, 55 FEET

AREA (IBC TABLE §506.2)
ALLOWED: 9,500 SF PER STORY

ACTUAL BUILDING HEIGHTS AND AREAS:

HEIGHT
2 STORIES - 45'-8"

AREA
GROUND FLOOR: 12,900 S.F.
FIRST FLOOR: 19,540 S.F.
TOTAL: 32,440 S.F.

TYPE OF CONSTRUCTION:

IBC (TABLE 601): TYPE II (UNPROTECTED/NON-SPRINKLERED)
0 HOUR: STRUCTURAL FRAME
0 HOUR: EXTERIOR NON-BEARING WALLS AND PARTITIONS
0 HOUR: INTERIOR NON-BEARING WALLS AND PARTITIONS
0 HOUR: FLOOR CONSTRUCTION
0 HOUR: ROOF CONSTRUCTION

OCCUPANT LOAD:

IBC OCCUPANT LOAD (TABLE 1004.5)
ASSEMBLY W/OUT FIXED SEATS 1 OCCUPANT PER 15 S.F. NET

EXITS:

EXIT CAPACITY - STAIRWAYS:
STANDARD 0.3' (44" MIN) (IBC §1005.3.1)

EGRESS CAPACITY / OCCUPANT - OTHER:
STANDARD 0.2' (44" MIN) (IBC §1005.3.2)

EXIT CAPACITY - DOORS:
STANDARD 0.15' (32" MIN CLEAR) (IBC §1010.1.1)

MAXIMUM COMMON PATH OF TRAVEL:
TYPE 75' MAX (IBC TABLE 1006.2.1)

MAXIMUM TRAVEL DISTANCE:
A 200' MAX (IBC TABLE 1017.2)

CORRIDOR FIRE RESISTANCE RATING (IBC TABLE 1020.1):

OCCUPANCY A LOAD GREATER THAN 30, WITHOUT FIRE SPRINKLER SYSTEM => 1 HOUR RATED

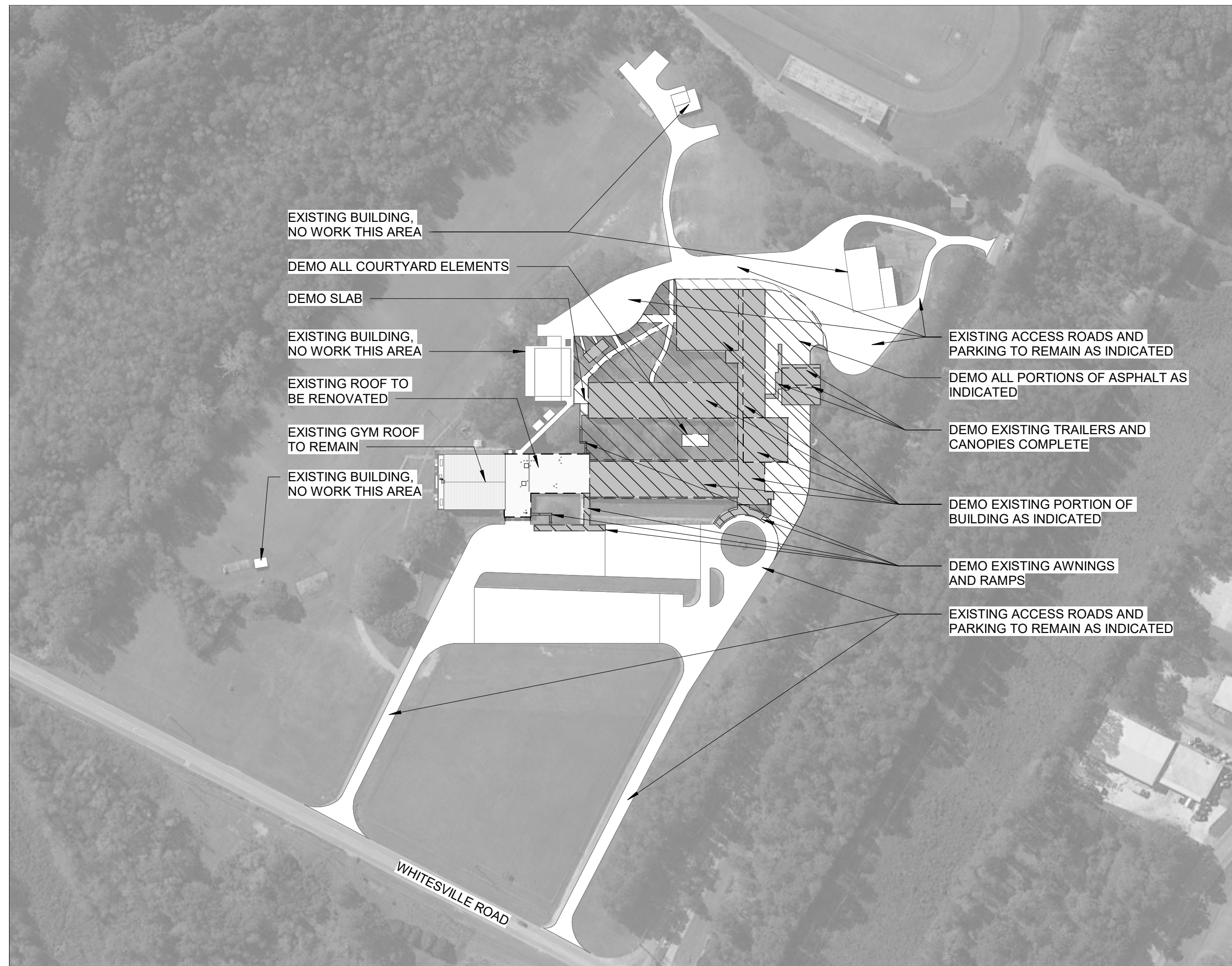
FIRE PROTECTION:

SPRINKLERS: NOT INCLUDED - SEE NOTE BELOW.
FIRE ALARM, DETECTION SYSTEM: NOT INCLUDED - SEE NOTE BELOW.
FIRE EXTINGUISHER (NFPA 10 SECTION 3-1 TABLE 3-2-1)
a. MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER IS 75 FT

NOTE: SCOPE OF PROJECT IS TO DEMOLISH PORTIONS OF EXISTING SCHOOL. NO BUILDING ADDITION INCLUDED IN SCOPE OF WORK.

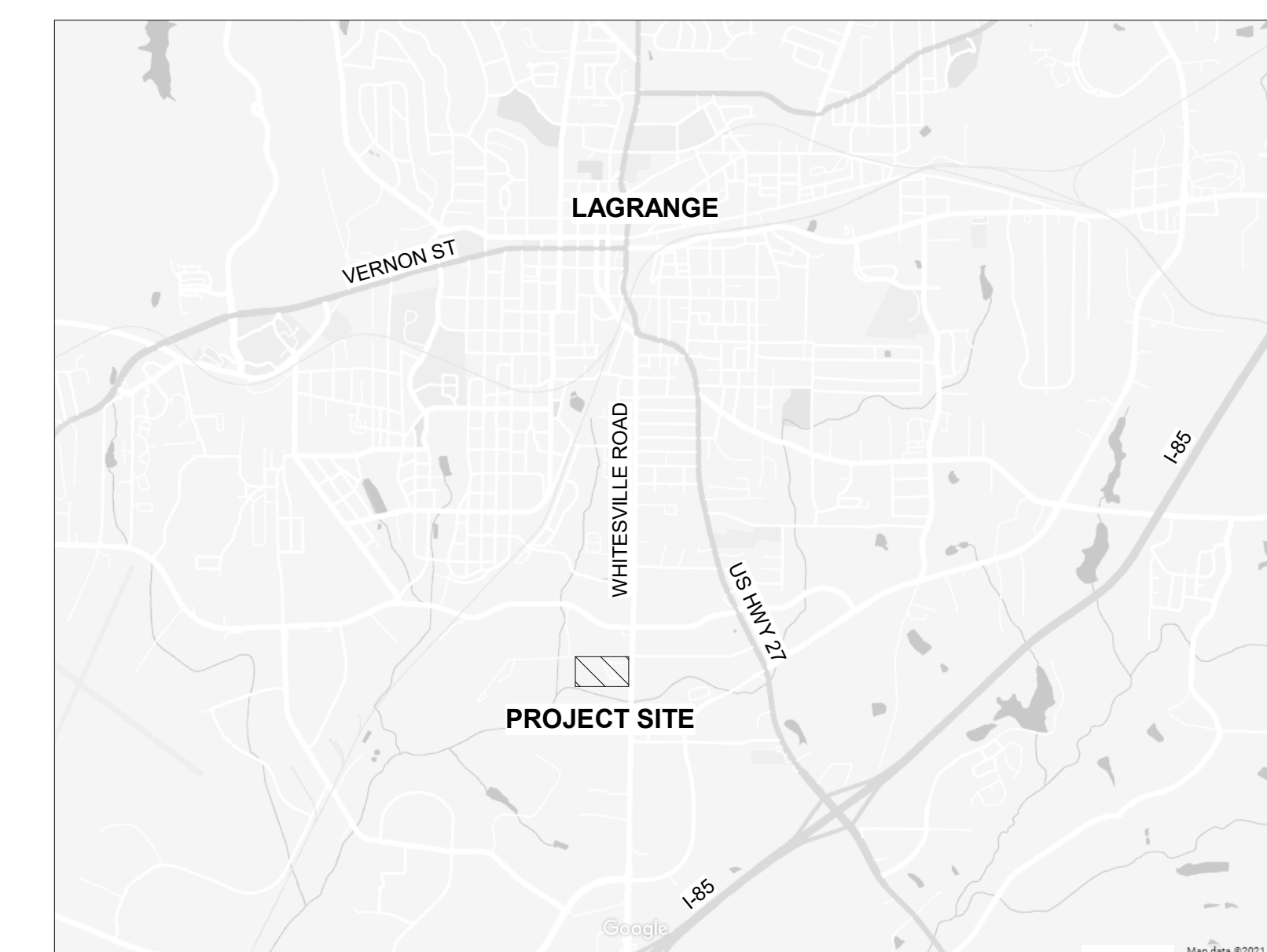
DRAWING INDEX

Sheet Number	Sheet Name
GI0-001	COVER SHEET
AG0-001	GENERAL INFORMATION AND ACCESSIBILITY REQUIREMENTS
AD1-101	DEMO OVERALL PLAN
AE1-101	DEMO / RENO ENLARGED PLAN
AE1-102	DEMO / RENO ROOF PLAN
AE2-001	DEMO / RENO ELEVATIONS
AE2-002	DEMO / RENO ELEVATIONS
AE3-001	SECTIONS / DETAILS / SCHEDULES
S-001	STRUCTURAL NOTES/SPECIAL INSPECTIONS
S-101	STRUCTURAL PLANS
S-501	STRUCTURAL DETAILS



NOTE: REFER TO CIVIL DRAWINGS FOR ADDITIONAL SITE INFORMATION.

2 OVERALL SITE DEMO PLAN
SCALE: 1" = 160'-0"



1 VICINITY MAP
SCALE: NTS

COVER SHEET
 TROUP COUNTY, GEORGIA
WHITESVILLE ELEMENTARY SCHOOL DEMOLITION & RENOVATION PACKAGE
 1700 WHITESVILLE ROAD LAGRANGE, GA 30240

REV	DR	CHK	DATE	DESCRIPTION
0	KMM	JEC	09/27/2021	IFC

GI0-001
PROJECT NO: 3812102

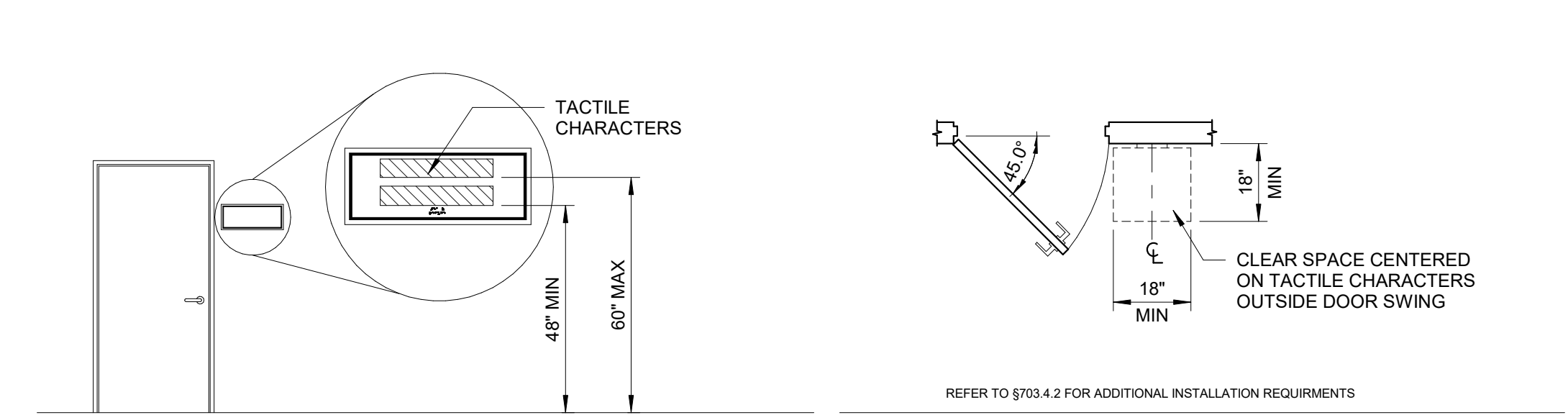
REV.	DR.	CHK.	DATE	DESCRIPTION
0	KMM	JNO	09/27/2023	IFC

GENERAL PROJECT NOTES

- A. DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT. IN A TIMELY MANNER TO AVOID DELAYS, BEFORE CONTINUING WITH CONSTRUCTION.
- B. ALL TYPICAL INTERIOR STUDS TO BE MIN 20 GA BY WIDTH INDICATED ON WALL RATINGS AND TYPES DRAWINGS. GAUGE, FLANGE SIZE AND SPACING TO BE PER MANUF SPECIFIC LOAD TABLE, BASED ON 5 PSF LATERAL LOAD (UNO), FOR MAX VERT SPAN.
- C. EXTEND ALL SMOKE AND RATED PARTITIONS TO DECK ABOVE. FILL ALL VOIDS WITH SEALANT AS REQUIRED AND CALK CONTINUOUS FOR A SMOKE TIGHT SEAL.

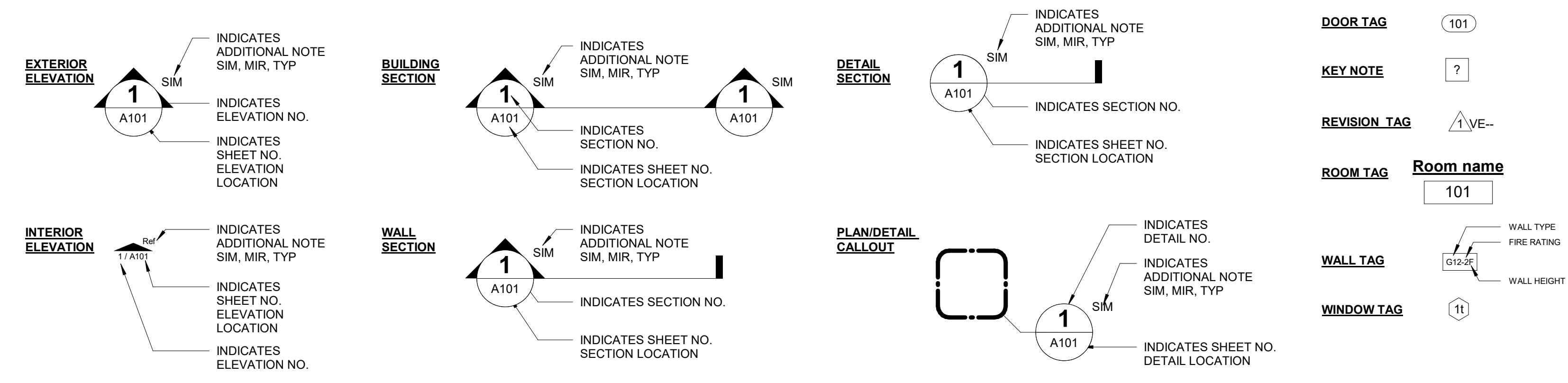
STANDARD ABBREVIATIONS

A	AIR CONDITIONING	J	JOIST
AC	ACOUSTICAL	JT	JOINT
ACT	ACOUSTICAL CEILING TILE	K	KITCHEN
ADJ	ADJUSTABLE	L	LENGTH
AFF	ABOVE FINISHED FLOOR	LAM	LAMINATE(D)
ALT	ALTERNATE	LGS	LIGHT GAUGE STUD
ALUM	ALUMINUM	LL	LEVEL LOAD
ARCH	ARCHITECTURAL	LLH	LONG LEG HORIZONTAL
ASPH	ASPHALT	LLV	LONG LEG VERTICAL
ATT	ATTACHED	LVR	LOUVER
B	BOARD	M	MATERIAL
BD	BUILDING	MATL	MECHANICAL
BLKG	BLOCKING	MFR	MANUFACTURER
BM	BENCHMARK	MH	MANHOLE
BOS	BOTTOM OF STEEL	MO	MASONRY OPENING
BOT	BOTTOM	MR GYP	MOISTURE RESISTANT GYPSUM BOARD
BOW	BOTTOM OF WALL	BUR	BUILT-UP ROOF
BRC	BEARING	N	NEOPRENE
BUR	BUILT-UP ROOF	NEO	NOT IN CONTRACT
C	CABINET	NTS	NOT TO SCALE
CAB	CATCH BASIN	O	ON CENTER
CB	CEMENT	OD	OUTSIDE DIAMETER
CEM	CAST-IN-PLACE	OH	OPPOSITE HAND
CIP	CONTROL JOINT	OHG	OVERHEAD COILING
CJ	CEILING	OPNG	OPENING
CLG	CLEAR	P	PROTECTION BOARD
CLR	CONCRETE MASONRY UNIT	PJ	PANEL JOINT
CMU	COLUMN	PL	PROPERTY LINE
COL	CONCRETE	PLAM	PLASTIC LAMINATE
CONC	CONSTRUCTION	PLYWD	PLYWOOD
CONST	COORDINATE	CPT	CARPET
COORD	CORRUGATED	CRG	CERAMIC TILE
CORR	CARPET	CTSK	COUNTERSUNK
CPT	CUBIC FEET	CU	CUBIC
CRG	CUBIC YARD	CU FT	CUBIC FEET
CU	CURTAIN WALL	CU YD	CUBIC YARD
CU FT	DEPTH	CW	CURTAIN WALL
CU YD	DOUBLE	D	DEPTH
CW	DRINKING FOUNTAIN	DBL	DOUBLE
D	DIMENSION	DF	DRINKING FOUNTAIN
DBL	DOWN	DM	DIMENSION
DF	DOWN	DN	DOWN
DM	DOWN SPOUT	DR	DOOR
DN	DETAIL	DS	DOWN SPOUT
DR	DISHWASHER	DTL	DETAIL
DS	DRAWING	DW	DISHWASHER
DTL	DRAWING	DWG	DRAWING
DW	EACH FACE	E	EXISTING
DWG	EXISTING FIRE EXTINGUISHER CABINET	EF	EXISTING FIRE EXTINGUISHER CABINET
E	EXISTING INSULATION FINISHING SYSTEM	EIFS	EXISTING INSULATION FINISHING SYSTEM
EF	EXPANSION JOINT	EJ	EXPANSION JOINT
EIFS	ELECTRICAL	ELEC	ELECTRICAL
EJ	ELEVATION	ELEV	ELEVATION
ELEC	EDGE OF SLAB	EOS	EDGE OF SLAB
ELEV	EQUAL	EQUIP	EQUAL
EOS	EQUIPMENT	EQ	EQUIPMENT
EQUIP	EACH WAY	EW	EACH WAY
EQ	EXISTING	EXH	EXISTING
EW	EXPANSION	EXH	EXISTING
EXH	EXTERIOR	EXT	EXTERIOR
EXIST	FLOOR DRAIN	F	FLOOR DRAIN
EXP	FIRE EXTINGUISHER CABINET	FD	FIRE EXTINGUISHER CABINET
EXT	FIRE EXTINGUISHER CABINET	FE	FIRE EXTINGUISHER CABINET
F	FIRE HOSE CABINET	FEC	FIRE HOSE CABINET
FD	FINISHED FLOOR	FF	FINISHED FLOOR
FE	FINISHED	FHC	FINISHED
FEC	FLOOR	FIN	FLOOR
FF	FACE OF	FLR	FLOOR
FHC	FACE OF GLAZING	FO	FACE OF
FIN	FACE OF MASONRY	FOG	FACE OF GLAZING
FINISHED	FACE OF STUD	FOM	FACE OF MASONRY
FLOOR	FIBERGLASS REINFORCED POLYMER	FOS	FACE OF STUD
FACE OF	FRAMING	FRM	FRAMING
FACE OF GLAZING	FIBERGLASS REINFORCED POLYMER	FRP	FIBERGLASS REINFORCED POLYMER
FACE OF MASONRY	FRONT APPROACH, PULL SIDE	FRT	FRONT APPROACH, PULL SIDE
FACE OF STUD	FRONT APPROACH, PUSH SIDE	FSTN	FRONT APPROACH, PUSH SIDE
FIBERGLASS REINFORCED POLYMER	FRONT APPROACH, PUSH SIDE	FTG	FRONT APPROACH, PUSH SIDE
FRAMING	FRONT APPROACH, PUSH SIDE	G	FRONT APPROACH, PUSH SIDE
FIBERGLASS REINFORCED POLYMER	FRONT APPROACH, PUSH SIDE	GA	FRONT APPROACH, PUSH SIDE
FRAMING	FRONT APPROACH, PUSH SIDE	GALV	FRONT APPROACH, PUSH SIDE
FIBERGLASS REINFORCED POLYMER	FRONT APPROACH, PUSH SIDE	GL	FRONT APPROACH, PUSH SIDE
FRAMING	FRONT APPROACH, PUSH SIDE	GYP BD	FRONT APPROACH, PUSH SIDE
FIBERGLASS REINFORCED POLYMER	FRONT APPROACH, PUSH SIDE	H	FRONT APPROACH, PUSH SIDE
FRAMING	FRONT APPROACH, PUSH SIDE	H	FRONT APPROACH, PUSH SIDE
FIBERGLASS REINFORCED POLYMER	FRONT APPROACH, PUSH SIDE	HDR	FRONT APPROACH, PUSH SIDE
FRAMING	FRONT APPROACH, PUSH SIDE	HDW	FRONT APPROACH, PUSH SIDE
FIBERGLASS REINFORCED POLYMER	FRONT APPROACH, PUSH SIDE	HGT	FRONT APPROACH, PUSH SIDE
FRAMING	FRONT APPROACH, PUSH SIDE	HM	FRONT APPROACH, PUSH SIDE
FIBERGLASS REINFORCED POLYMER	FRONT APPROACH, PUSH SIDE	HSR	FRONT APPROACH, PUSH SIDE
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FIBERGLASS REINFORCED POLYMER	FRONT APPROACH, PUSH SIDE	ID	FRONT APPROACH, PUSH SIDE
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FRAMING	FRONT APPROACH, PUSH SIDE	W	FRONT APPROACH, PUSH SIDE
FIBERGLASS REINFORCED POLYMER	FRONT APPROACH, PUSH SIDE	W	FRONT APPROACH, PUSH SIDE
FRAMING	FRONT APPROACH, PUSH SIDE	W/	FRONT APPROACH, PUSH SIDE
FIBERGLASS REINFORCED POLYMER	FRONT APPROACH, PUSH SIDE	WO	FRONT APPROACH, PUSH SIDE
FRAMING	FRONT APPROACH, PUSH SIDE	WC	FRONT APPROACH, PUSH SIDE
FIBERGLASS REINFORCED POLYMER	FRONT APPROACH, PUSH SIDE	WDW	FRONT APPROACH, PUSH SIDE
FRAMING	FRONT APPROACH, PUSH SIDE	WH	FRONT APPROACH, PUSH SIDE
FIBERGLASS REINFORCED POLYMER	FRONT APPROACH, PUSH SIDE	WH	FRONT APPROACH, PUSH SIDE
FRAMING	FRONT APPROACH, PUSH SIDE	WP	FRONT APPROACH, PUSH SIDE
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FRAMING	FRONT APPROACH, PUSH SIDE	Y	FRONT APPROACH, PUSH SIDE
FIBERGLASS REINFORCED POLYMER	FRONT APPROACH, PUSH SIDE	Y	FRONT APPROACH, PUSH SIDE
FRAMING	FRONT APPROACH, PUSH SIDE	Z	FRONT APPROACH, PUSH SIDE
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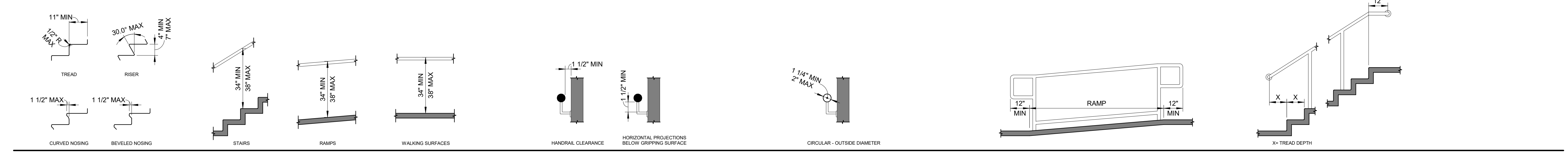


HEIGHT OF TACTILE CHARACTERS ABOVE FINISH FLOOR
ICC A117.1/ADA §703.4.1

LOCATION OF TACTILE SIGNS AT DOOR
ICC A117.1/ADA §703.4.2



ANNOTATION SYMBOL LEGEND



STAIR NOSINGS ICC A117.1/ADA §504.5

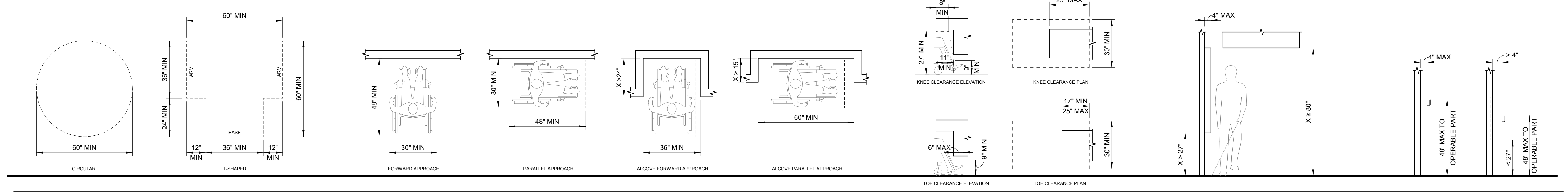
RAILING HEIGHT ICC A117.1/ADA §505.4

HANDRAIL CLEARANCE AND GRIPPING SURFACE ICC A117.1/ADA §505.5, §505.6

HANDRAIL CROSS SECTION ICC A117.1/ADA §505.7

HANDRAIL EXTENSIONS AT RAMP ICC A117.1/ADA §505.10.1

HANDRAIL EXTENSIONS AT STAIR ICC A117.1/ADA §505.10.2, §505.10.3



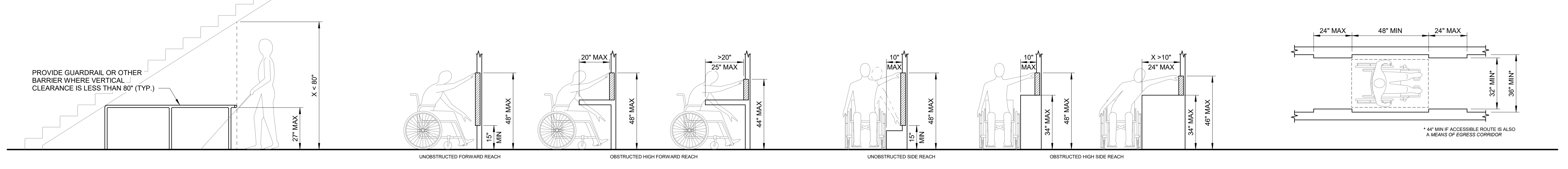
TURNING SPACE ICC A117.1/ADA §304.3

CLEAR FLOOR OR GROUND SPACE ICC A117.1/ADA §305

KNEE AND TOE CLEARANCES ICC A117.1/ADA §306.2 & §306.3

PROTRUDING OBJECTS IN CIRCULATION PATH ICC A117.1/ADA §307.2

FIRE EXTINGUISHER CABINET ACCESSIBLE HEIGHT ICC A117.1/ADA §308.2.1 & §308.3.1

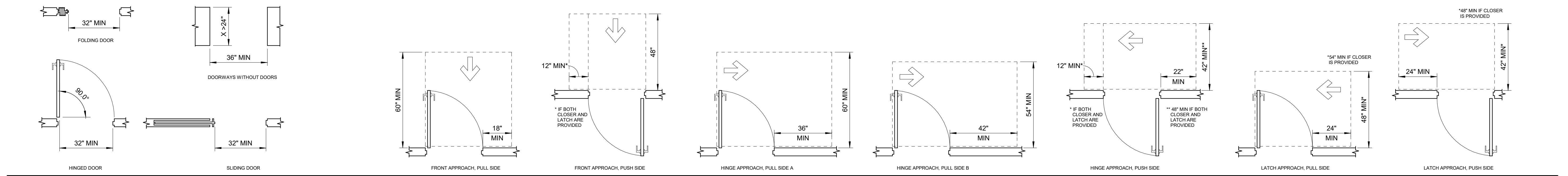


VERTICAL CLEARANCE ICC A117.1/ADA §307.4

FORWARD REACH ICC A117.1/ADA §308.2

SIDE REACH ICC A117.1/ADA §308.3

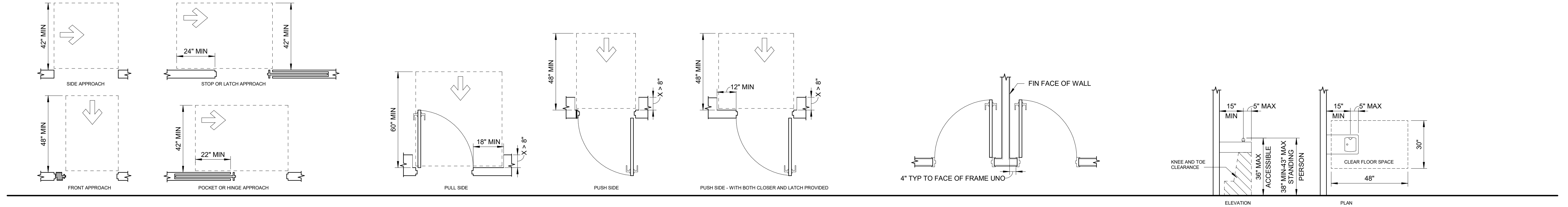
CLEAR WIDTH OF AN ACCESSIBLE ROUTE ICC A117.1/ADA §403.5 ADA §403.5.1



CLEAR WIDTH OF DOORWAYS ICC A117.1 §404.2.2 ADA §404.2.3

MANEUVERING CLEARANCES AT MANUAL SWINGING DOORS ICC A117.1 §404.2.3 ADA §404.2.4

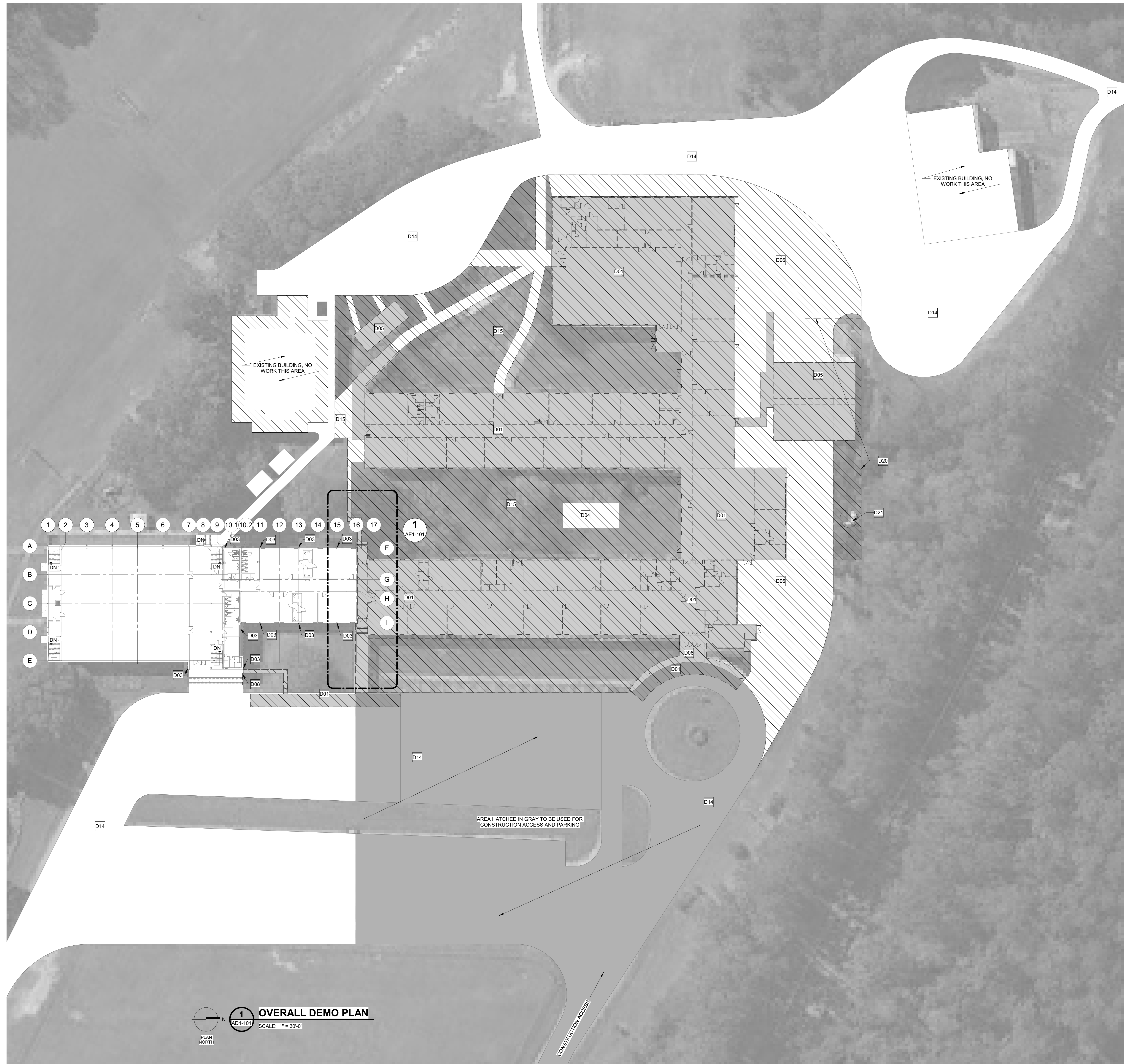
MANEUVERING CLEARANCES AT DOORWAYS WITHOUT DOORS, SLIDING DOORS, GATES, AND FOLDING DOORS ICC A117.1 §404.2.3.3 ADA §404.2.4.2



MANEUVERING CLEARANCES AT RECESSED DOORS AND GATES ICC A117.1 §404.2.3.5 ADA §404.2.4.2

STANDARD LAYOUT FOR DOORS ADJACENT TO A WALL ICC A117.1/ADA §602

DRINKING FOUNTAIN SPOUT HEIGHT AND CLEARANCE ICC A117.1/ADA §602



GENERAL DEMO NOTES

- A. VERIFY ALL DIMENSIONS IN FIELD.
- B. MODIFIED GRADE TO HAVE A POSITIVE DRAINAGE AWAY FROM ALL SIDES OF BUILDING. PROVIDE SEED AND HAY TO DISTURBED AREAS.
- C. COORDINATE UTILITY SHUT OFF WITH OWNERS AND UTILITIES PRIOR TO START OF WORK.

ASBESTOS ABATEMENT NOTES

- A. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER ABATEMENT AND REMOVAL OF HAZARDOUS MATERIALS, INCLUDING ASBESTOS FOUND IN THE EXISTING BUILDING.
- B. REFER TO THE ASBESTOS REPORT BY CULPEPPER GROUP, INC. DATED 04/23/2019 FOR FULL ASBESTOS REPORT, LOCATIONS OF ACM, AND GUIDELINES FOR REMOVAL. RESULTS OF THE REPORT INDICATE THE PRESENCE OF ASBESTOS CONTAINING MATERIALS (ACM) IN THE FOLLOWING LOCATIONS:
 - a. FLOOR TILE / MASTIC
 - b. ROOF FLASHING
 - c. WINDOW GLAZING (GYMNASIUM NOT IN SCOPE)
 - d. TWO (2) BOILERS IN THE MECHANICAL ROOM BELOW THE GYMNASIUM ARE ASSUMED TO CONTAIN ASBESTOS. (NOT IN SCOPE)
- C. ACM SHALL BE REMOVED BY A GEORGIA LICENSED ASBESTOS ABATEMENT CONTRACTOR PRIOR TO THE PLANNED DEMOLITION AND RENOVATION OF THE BUILDING.

ESPC PLAN NOTE

REFER TO EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN (ESPC) FOR MORE INFORMATION.

KEYNOTES

Key Value	Keynote Text
D01	DEMO ALL DOORS, WALLS, FLOORS, CEILING, RAMPS, STAIRS, RAILING, ROOF, AND ALL OTHER BUILDING COMPONENTS IN AREA INDICATED BY HATCH.
D03	DEMO EXISTING DOWNSPOUTS, WHERE INDICATED.
D04	DEMO ALL COURTYARD ELEMENTS.
D05	DEMO EXISTING TRAILERS AND CANOPIES COMPLETELY.
D06	DEMO ROAD AND SIDEWALK - COORDINATE WITH OWNER.
D08	DEMO GUARDRAIL ADJACENT TO DEMO RAMP. REPLACE WITH RAILING FULL LENGTH OF ELEVATED PORCH THIS SIDE.
D14	EXISTING ACCESS ROAD, PAVING, AND GRAVEL TO REMAIN.
D15	REMOVE ALL TREES, SIDEWALKS, AND LANDSCAPE COMPONENTS WITHIN HATCHED AREAS.
D20	DEMO EXISTING FENCE.
D21	DEMO EXISTING SATELLITE DISH.



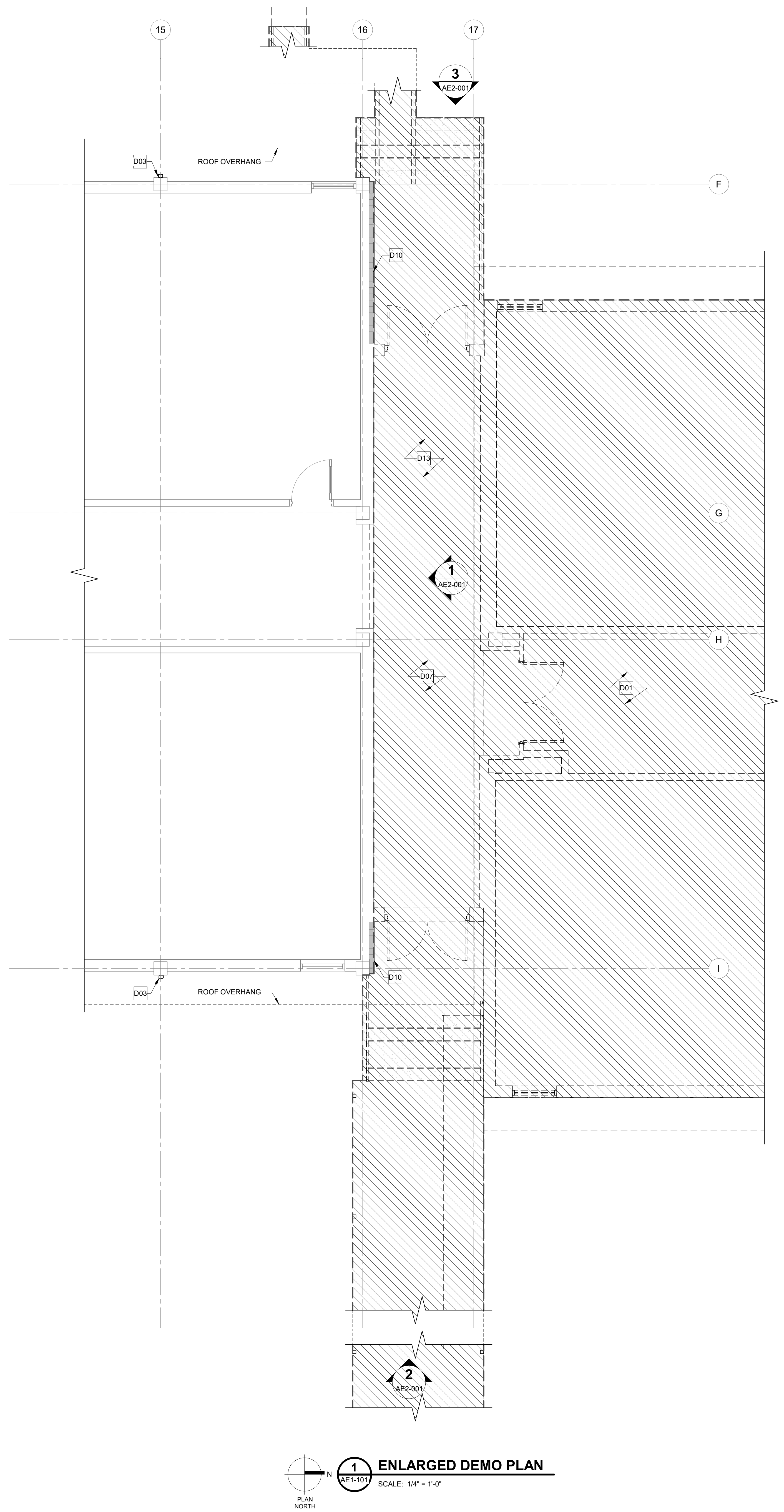
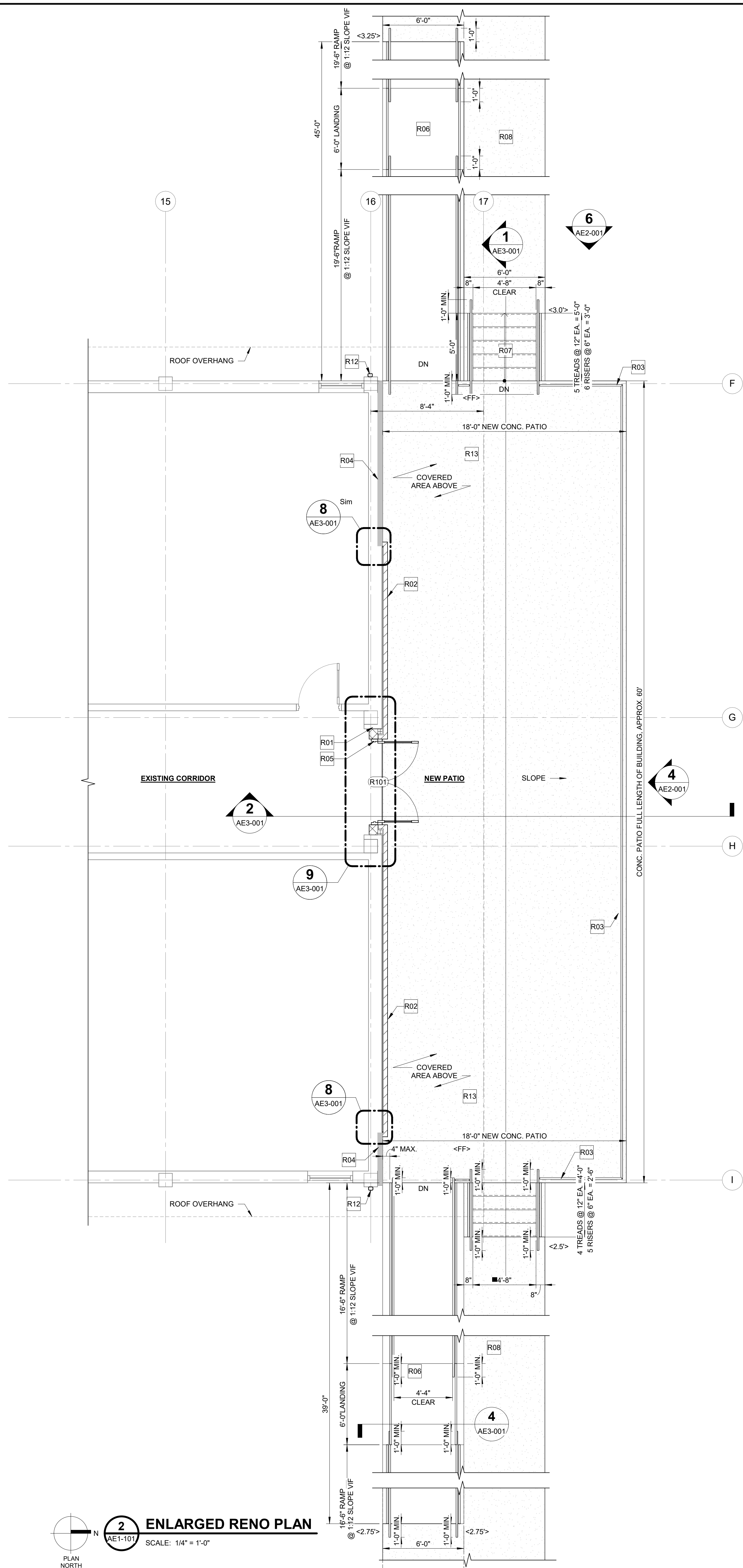
DEMO OVERALL PLAN
 TROUP COUNTY, GEORGIA
WHITESVILLE ELEMENTARY SCHOOL DEMOLITION & RENOVATION PACKAGE
 1700 WHITESVILLE ROAD LAGRANGE, GA 30240

REV	DR	CHK	DATE	DESCRIPTION
0	KMM	JEC	05/22/2023	IFC

AD1-101
PROJECT NO: 3812102

Discipline: 61 - 00 - 0000 - OVERALL PLAN
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Discipline: 03
 Date: 01/11/2024
 Project: Whitesville Elementary School Demolition & Renovation
 File: AE1-101.dwg
 User: JMM
 Plot Date: 01/11/2024
 Plot Time: 10:57 AM



GENERAL DEMO NOTES

- A. VERIFY ALL DIMENSIONS IN FIELD.
- B. MODIFIED GRADE TO HAVE A POSITIVE DRAINAGE AWAY FROM ALL SIDES OF BUILDING. PROVIDE SEED AND HAY TO DISTURBED AREAS.
- C. COORDINATE UTILITY SHUT OFF WITH OWNERS AND UTILITIES PRIOR TO START OF WORK.

ASBESTOS ABATEMENT NOTES

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 - d. TWO (2) BOILERS IN THE MECHANICAL ROOM BELOW THE GYMNASIUM ARE ASSUMED TO CONTAIN ASBESTOS. (NOT IN SCOPE)
- C. ACM SHALL BE REMOVED BY A GEORGIA LICENSED ASBESTOS ABATEMENT CONTRACTOR PRIOR TO THE PLANNED DEMOLITION AND RENOVATION OF THE BUILDING.

ESPC PLAN NOTE

REFER TO EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN (ESPC) FOR MORE INFORMATION.

GENERAL RENO NOTES

- A. GRADE TO HAVE POSITIVE SLOPE ALL SIDES OF BUILDING.
- B. VERIFY ALL DIMENSIONS IN FIELD.

KEYNOTES

Key Value	Keynote Text
D01	DEMO ALL DOORS, WALLS, FLOORS, CEILINGS, RAMP, STAIRS, RAILING, ROOF, AND ALL OTHER BUILDING COMPONENTS IN AREA INDICATED BY HATCH.
D03	DEMO EXISTING DOWNSPOUTS, WHERE INDICATED.
D07	ROOF ABOVE DEMO'D CORRIDOR TO REMAIN. ROOF TO CANTILEVER OFF EXISTING STRUCTURE - SEE STRUCT.
D10	EXISTING BRICK VENEER TO REMAIN AS INDICATED BY HATCH. PROTECT BRICK AS REQUIRED DURING DEMOLITION.
D13	DEMO ACOUSTICAL TILE CEILING AT DEMO'D CORRIDOR AND ALL ELEC. & MECH. EQUIPMENT ABOVE CEILING. SEE MECH. AND ELEC. FOR MORE INFORMATION.
R01	NEW CMU WALL WITH BRICK VENEER.
R02	NEW BRICK VENEER ALONG EXISTING WALL AS INDICATED. BRICK TO MATCH EXISTING IN COLOR, TEXTURE, AND SIZE. MORTAR SHALL MATCH EXISTING. PROVIDE VAPOR BARRIER BEHIND NEW BRICK VENEER.
R03	NEW GUARDRAIL. CORE DRILL HOLES 5" DEEP AND SET WITH NON-SHRINK GROUT. INSET GUARDRAIL POST CENTERED ON CONC. WALL BELOW. SEE STRUCT. FOR CONC. WALL INFORMATION. HOLES TO NOT BE LESS THAN 3" FROM EDGE OF CONCRETE AT ANY LOCATION. TYP. SEE NOTES ON SHEET AGO-001 AND AE1-301 FOR GUARDRAIL & HANDRAIL INFORMATION.
R04	EXISTING BRICK VENEER AS INDICATED BY HATCH. REPAIR ANY DAMAGE TO BRICK THAT MAY HAVE OCCURRED DURING DEMOLITION. REPAIRS TO MATCH EXISTING BRICK AND MORTAR COLOR.
R05	NEW DOOR AS SCHEDULED. PROVIDE NEW LINTEL AND ANCHOR TO WALL AS REQUIRED.
R06	NEW CONC. RAMP - SEE STRUCTURAL FOR RAMP INFORMATION. SEE GUARDRAIL & HANDRAIL NOTES SHEET AE1-301 FOR MORE INFORMATION.
R07	NEW CONC. STAIR - SEE STRUCTURAL FOR STAIR INFORMATION. SEE GUARDRAIL & HANDRAIL NOTES SHEET AE1-301 FOR MORE INFORMATION.
R08	NEW CONC. SIDEWALK - SEE CIVIL FOR MORE INFORMATION.
R12	NEW DOWNSPOUTS (DS) WHERE INDICATED ON PLAN.
R13	PRIME AND PAINT UNDERSIDE OF EXPOSED CONC. STRUCTURE ABOVE NEW PATIO.

BARGE DESIGN SOLUTIONS

615 3rd Avenue South • Suite 1700 • Nashville, Tennessee 37203
 Phone: 615.252.1000 | Fax: 615.252.0272

STATE OF GEORGIA
 JON KERRY OSBORNE
 REGISTERED ARCHITECT

DEMO / RENO ENLARGED PLAN

TROUP COUNTY, GEORGIA

WHITESVILLE ELEMENTARY SCHOOL DEMOLITION & RENOVATION PACKAGE

1700 WHITESVILLE ROAD LAGRANGE, GA 30240

AE1-101

PROJECT NO: 3812102

GENERAL DEMO NOTES

- A. VERIFY ALL DIMENSIONS IN FIELD.
- B. MODIFIED GRADE TO HAVE A POSITIVE DRAINAGE AWAY FROM ALL SIDES OF BUILDING. PROVIDE SEED AND MOW TO DISTURBED AREAS.
- C. COORDINATE UTILITY SHUT OFF WITH OWNERS AND UTILITIES PRIOR TO START OF WORK.

ASBESTOS ABATEMENT NOTES

- A. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER ABATEMENT AND REMOVAL OF HAZARDOUS MATERIALS, INCLUDING ASBESTOS FOUND IN THE EXISTING BUILDING.
- B. REFER TO THE ASBESTOS REPORT BY CULPEPPER GROUP, INC. DATED 04/23/2019 FOR FULL ASBESTOS REPORT. LOCATIONS OF ACM AND GUIDELINES FOR REMOVAL. RESULTS OF THE REPORT INDICATE THE PRESENCE OF ASBESTOS CONTAINING MATERIALS (ACM) IN THE FOLLOWING LOCATIONS:
 - a. FLOOR TILE / MASTIC
 - b. ROOF FLASHING
 - c. WINDOW GLAZING (GYMNASIUM NOT IN SCOPE)
 - d. TWO (2) BOILERS IN THE MECHANICAL ROOM BELOW THE GYMNASIUM ARE ASSUMED TO CONTAIN ASBESTOS. (NOT IN SCOPE)
- C. ACM SHALL BE REMOVED BY A GEORGIA LICENSED ASBESTOS ABATEMENT CONTRACTOR PRIOR TO THE PLANNED DEMOLITION AND RENOVATION OF THE BUILDING.

ESPC PLAN NOTE

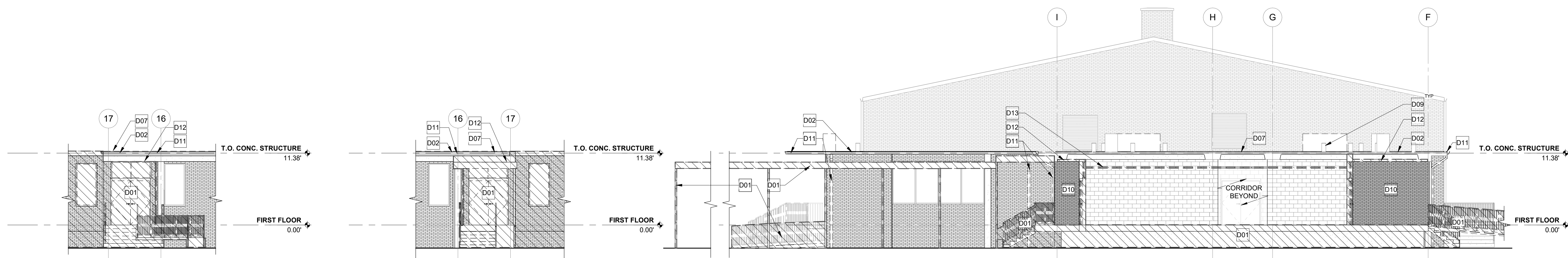
REFER TO EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN (ESPC) FOR MORE INFORMATION.

GENERAL RENO NOTES

- A. GRADE TO HAVE POSITIVE SLOPE ALL SIDES OF BUILDING.
- B. VERIFY ALL DIMENSIONS IN FIELD.

KEYNOTES

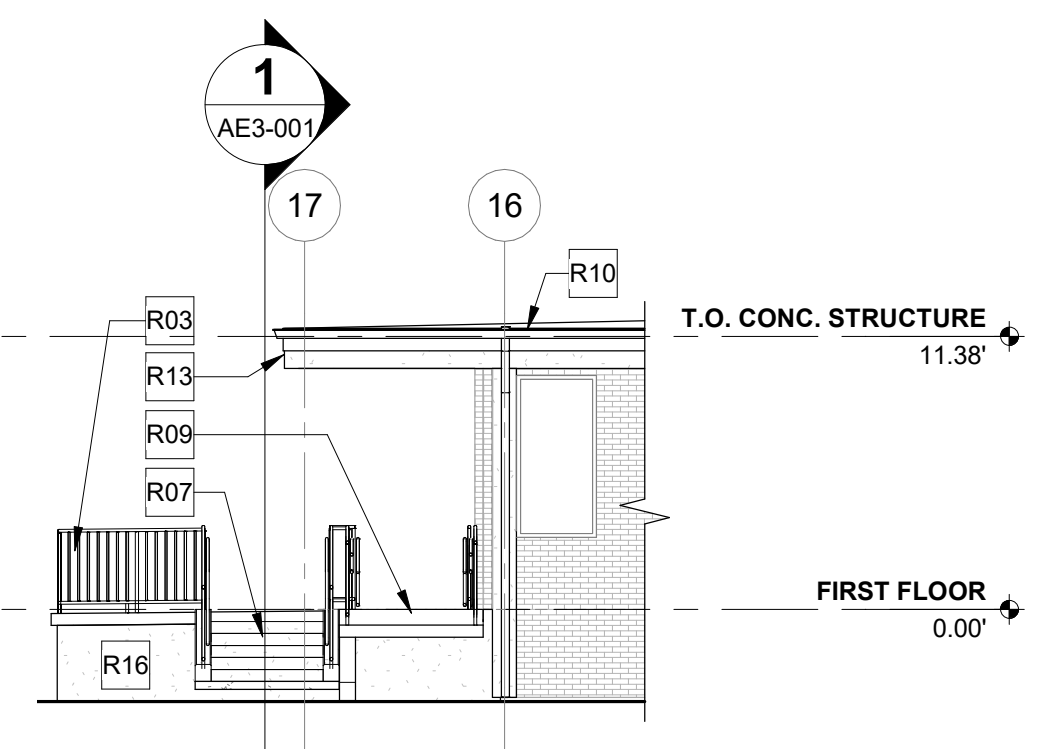
Key Value	Keynote Text
D01	DEMO ALL DOORS, WALLS, FLOORS, CEILINGS, RAMPS, STAIRS, RAILING, ROOF, AND ALL OTHER BUILDING COMPONENTS IN AREA INDICATED BY HATCH.
D02	REMOVE EXISTING ROOF SYSTEM AND PREPARE DECK FOR NEW ROOF SYSTEM.
D07	ROOF ABOVE DEMO'D CORRIDOR TO REMAIN. ROOF TO CANTILEVER OFF EXISTING STRUCTURE - SEE STRUCT.
D09	EXISTING ROOFTOP EQUIPMENT AND PIPING TO REMAIN. PREPARE AREAS FOR NEW ROOF AS REQUIRED.
D10	EXISTING BRICK VENEER TO REMAIN AS INDICATED BY HATCH. PROTECT BRICK AS REQUIRED DURING DEMOLITION.
D11	DEMO EXISTING DOWNSPOUTS, GUTTERS, AND METAL TRIM AND PREPARE FOR NEW.
D12	DEMO EXISTING STUCCO CEILING AND CEILING LIGHTING COMPLETE.
D13	DEMO ACOUSTICAL TILE CEILING AT DEMO'D CORRIDOR AND ALL ELEC. & MECH. EQUIPMENT ABOVE CEILING. SEE MECH. AND ELEC. FOR MORE INFORMATION.
R02	NEW BRICK VENEER ALONG EXISTING WALL AS INDICATED. BRICK TO MATCH EXISTING IN COLOR, TEXTURE, AND SIZE. MORTAR SHALL MATCH EXISTING. PROVIDE VAPOR BARRIER BEHIND NEW BRICK VENEER.
R03	NEW GUARDRAIL. CORE DRILL HOLES 5" DEEP AND SET WITH NON-SHRINK GROUT. INSET GUARDRAIL POST CENTERED ON CONC. WALL BELOW. SEE STRUCT. FOR CONC. WALL INFORMATION. HOLES TO NOT BE LESS THAN 3" FROM EDGE OF CONCRETE AT ANY LOCATION. TYP. SEE NOTES ON SHEET AG0-001 AND AE1-301 FOR GUARDRAIL & HANDRAIL INFORMATION.
R05	NEW DOOR AS SCHEDULED. PROVIDE NEW LINTEL AND ANCHOR TO WALL AS REQUIRED.
R06	NEW CONC. RAMP - SEE STRUCTURAL FOR RAMP INFORMATION. SEE GUARDRAIL & HANDRAIL NOTES SHEET AE1-301 FOR MORE INFORMATION.
R07	NEW CONC. STAIR - SEE STRUCTURAL FOR STAIR INFORMATION. SEE GUARDRAIL & HANDRAIL NOTES SHEET AE1-301 FOR MORE INFORMATION.
R09	NEW CONC. PATIO - SEE STRUCT. FOR MORE INFORMATION.
R10	NEW MEMBRANE ROOF ON R-25 RIGID INSULATION ON EXISTING CONC. DECK. PROVIDE NEW FLASHING, FASCIA METAL, AND DOWNSPOUTS AS INDICATED.
R13	PRIME AND PAINT UNDERSIDE OF EXPOSED CONC. STRUCTURE ABOVE NEW PATIO.
R14	THROUGH WALL FLASHING ALONG EDGE OF NEW ROOF AND WALL OF GYMNASIUM.
R15	EXISTING LOUVER BEYOND. SEE 6/AE1-301 FOR FLASHING DETAIL.
R16	NEW CONC. WALL - SEE STRUCT.



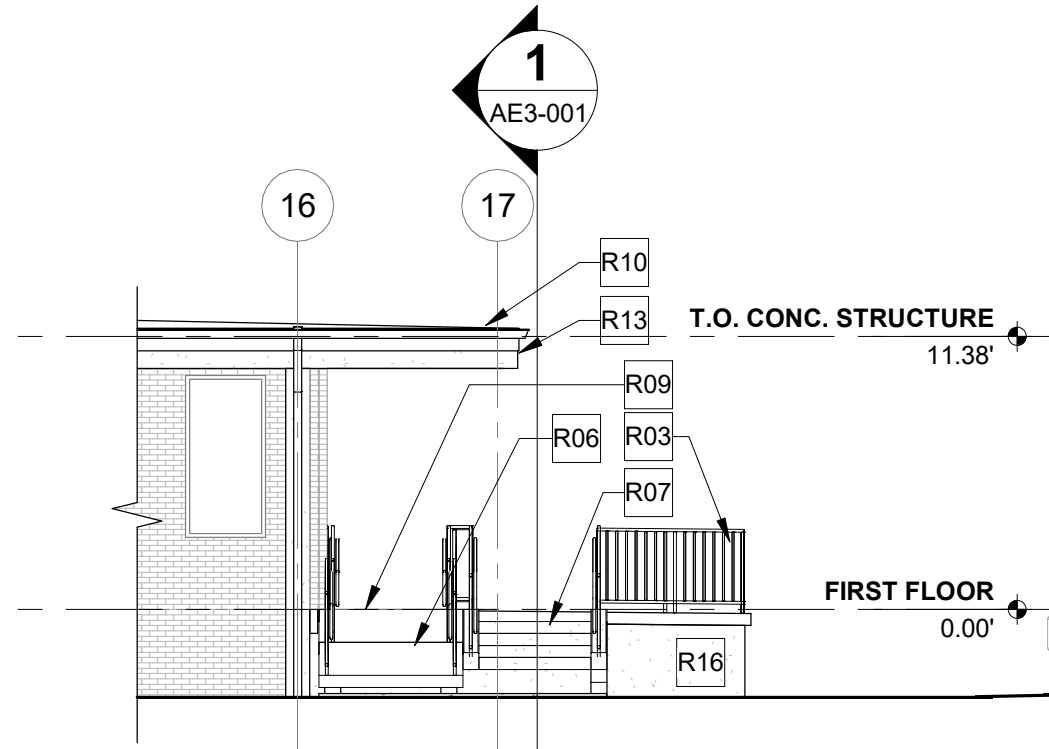
3 PARTIAL WEST DEMO ELEVATION
AE2-001 SCALE: 1/8" = 1'-0"

2 PARTIAL EAST DEMO ELEVATION
AE2-001 SCALE: 1/8" = 1'-0"

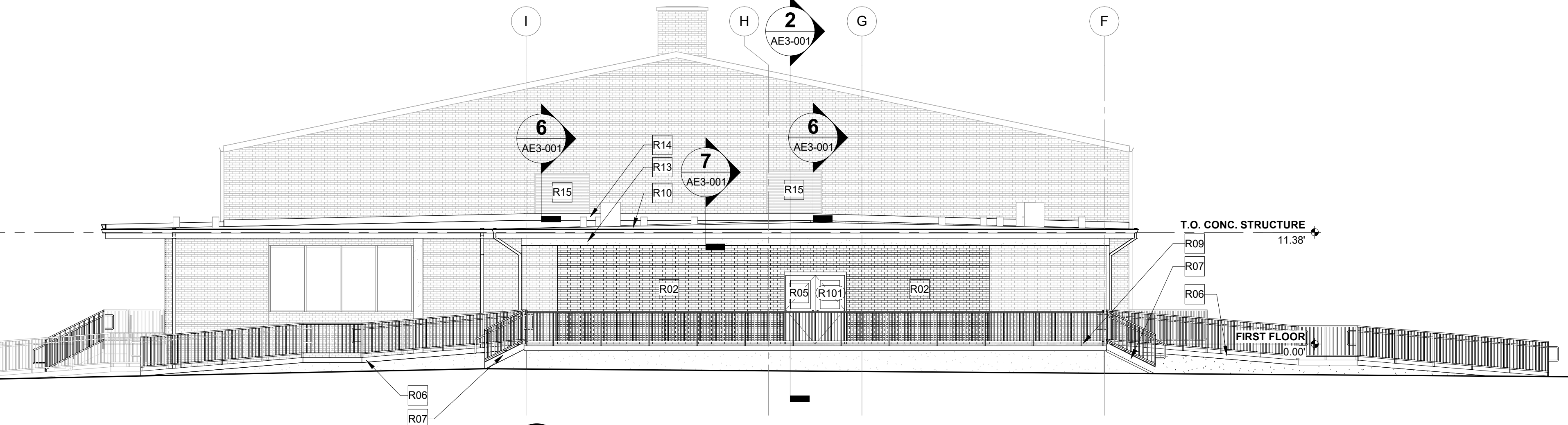
1 NORTH DEMO ELEVATION
AE2-001 SCALE: 1/8" = 1'-0"



6 WEST PARTIAL RENO ELEVATION
AE2-001 SCALE: 1/8" = 1'-0"

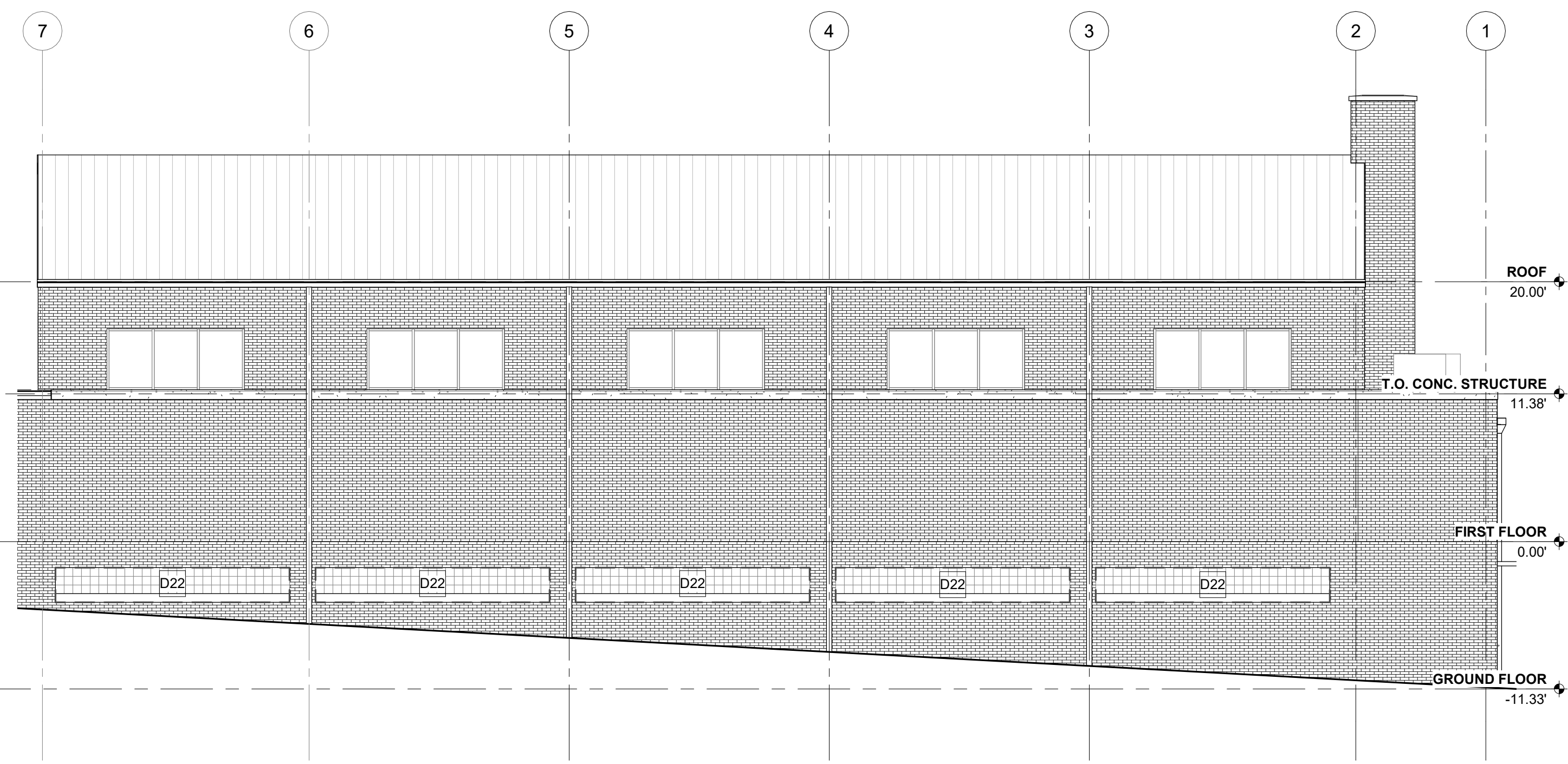


5 EAST PARTIAL RENO ELEVATION
AE2-001 SCALE: 1/8" = 1'-0"

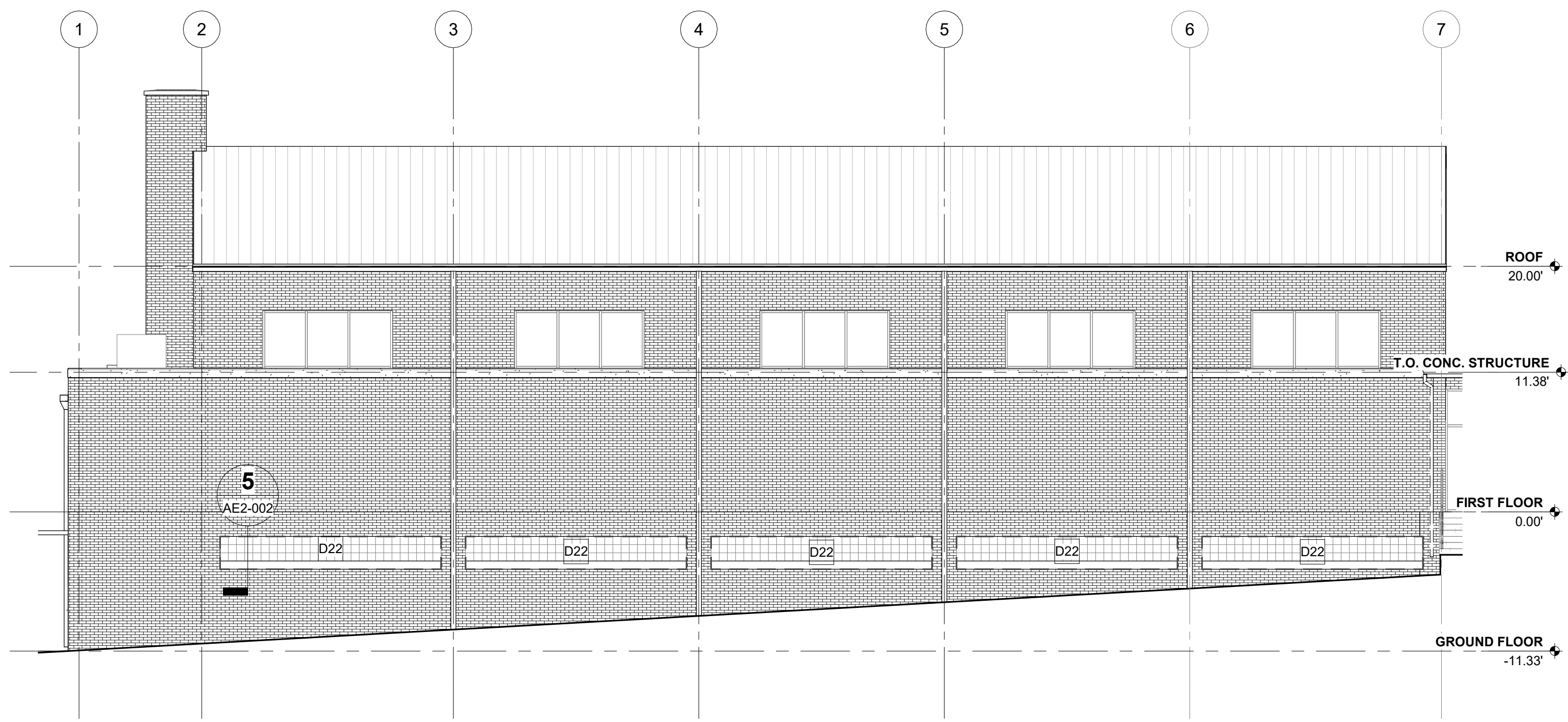


4 NORTH RENO ELEVATION
AE2-001 SCALE: 1/8" = 1'-0"

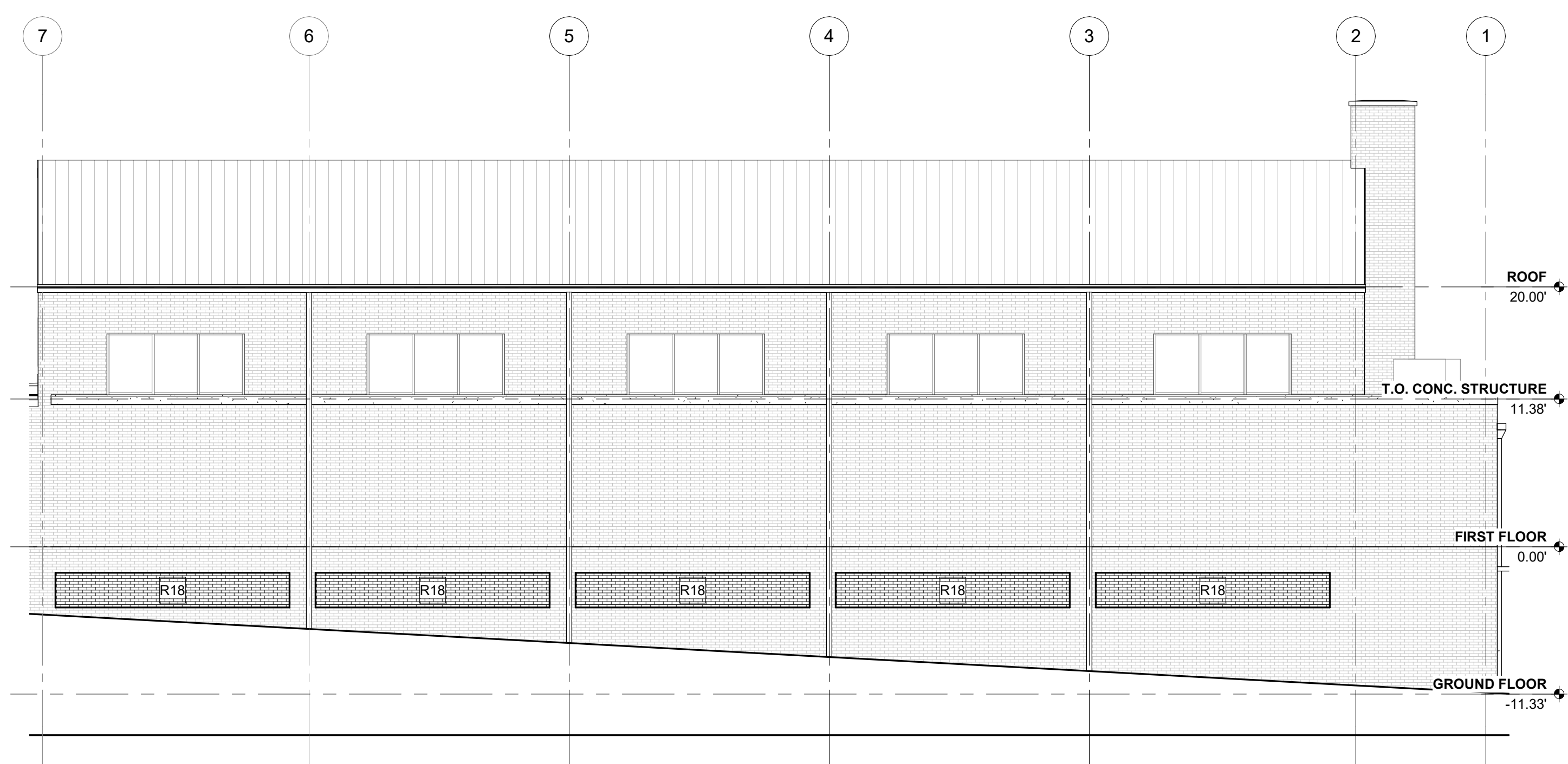
REV.	DR.	CHK.	DATE	DESCRIPTION
0			09/27/2023	IFC



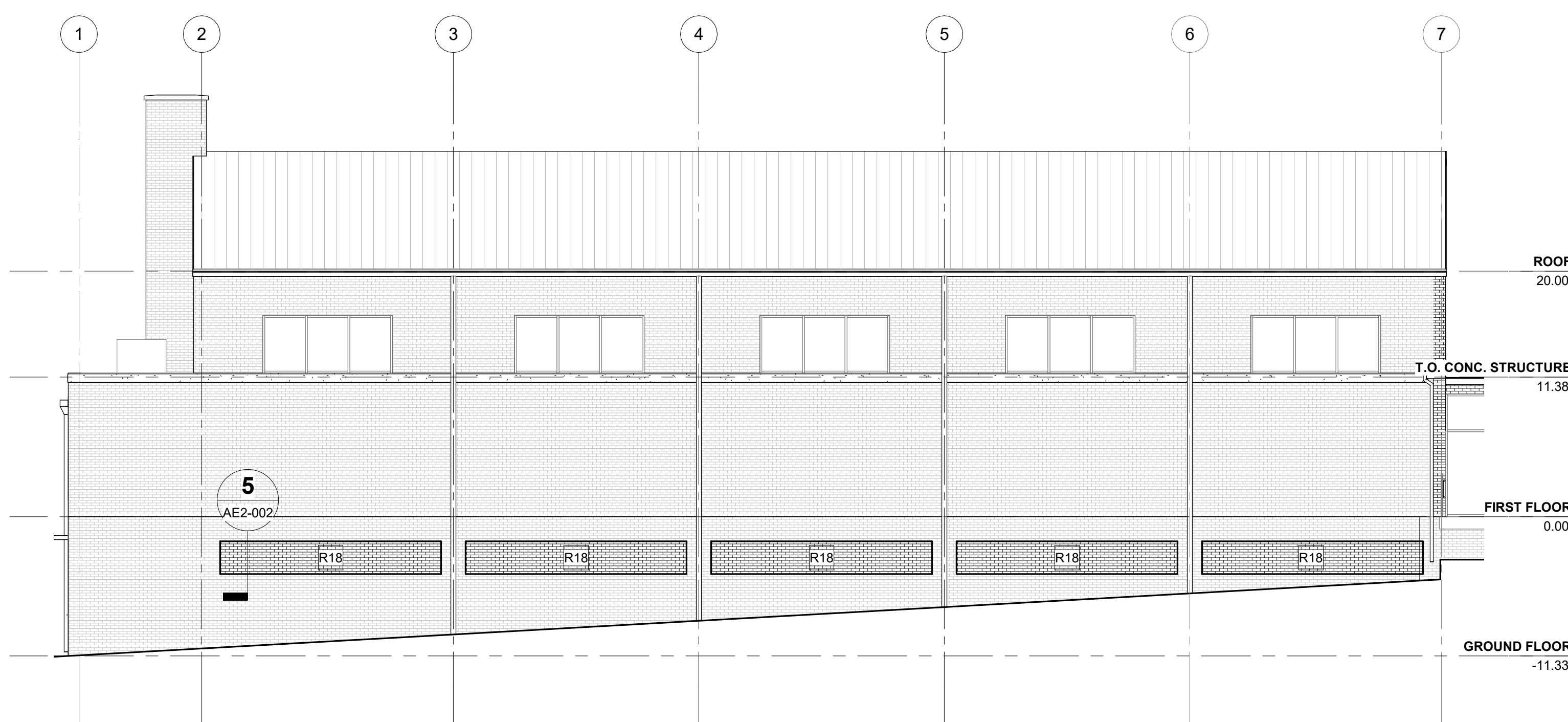
2 WEST DEMO ELEVATION
AE1-102 SCALE: 1/8" = 1'-0"



1 EAST DEMO ELEVATION
AE1-102 SCALE: 1/8" = 1'-0"



4 WEST RENO ELEVATION
AE1-102 SCALE: 1/8" = 1'-0"



3 EAST RENO ELEVATION
AE1-102 SCALE: 1/8" = 1'-0"

GENERAL DEMO NOTES

- A. VERIFY ALL DIMENSIONS IN FIELD.
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ESPC PLAN NOTE

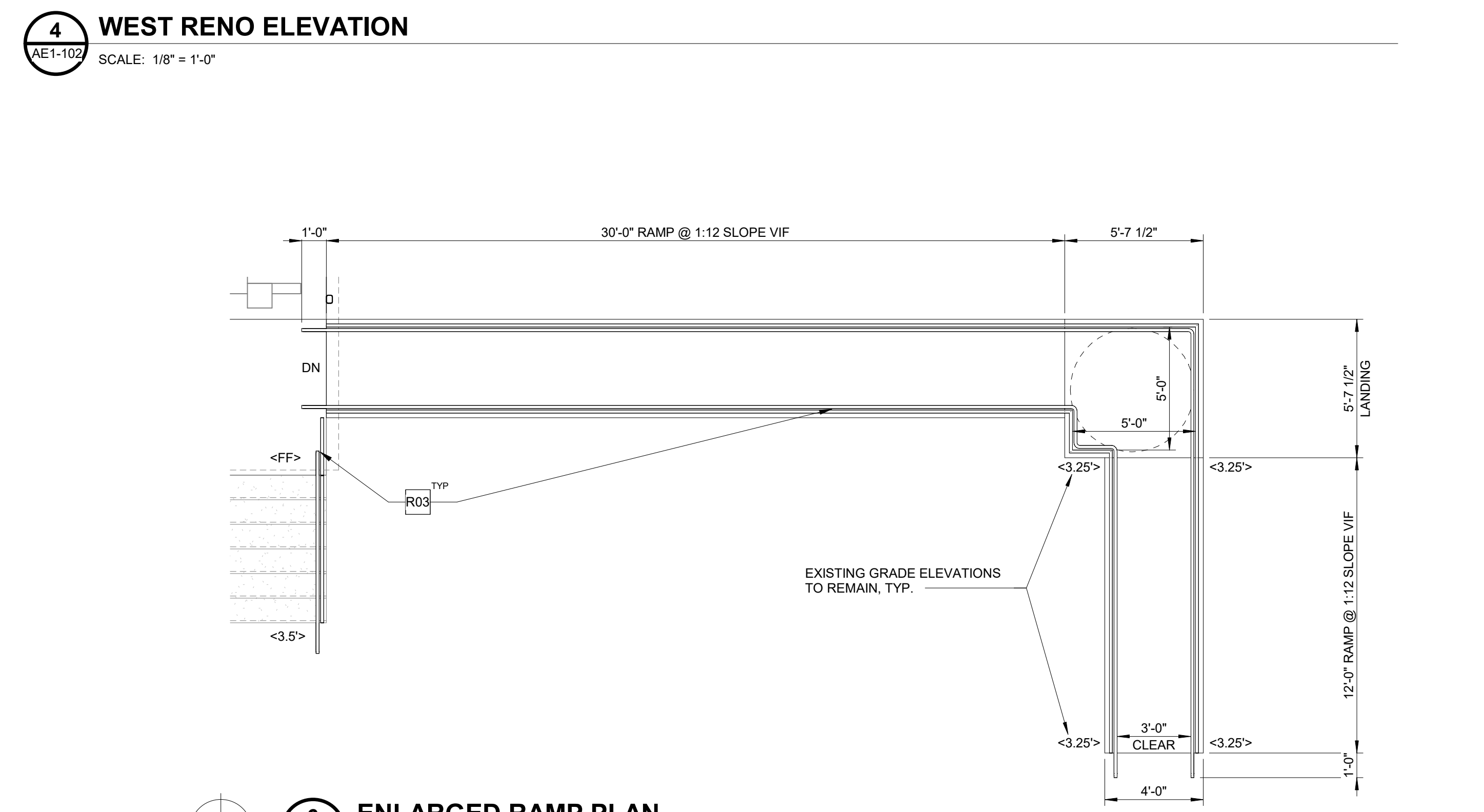
REFER TO EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN (ESPC) FOR MORE INFORMATION.

GENERAL RENO NOTES

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- B. VERIFY ALL DIMENSIONS IN FIELD.

KEYNOTES

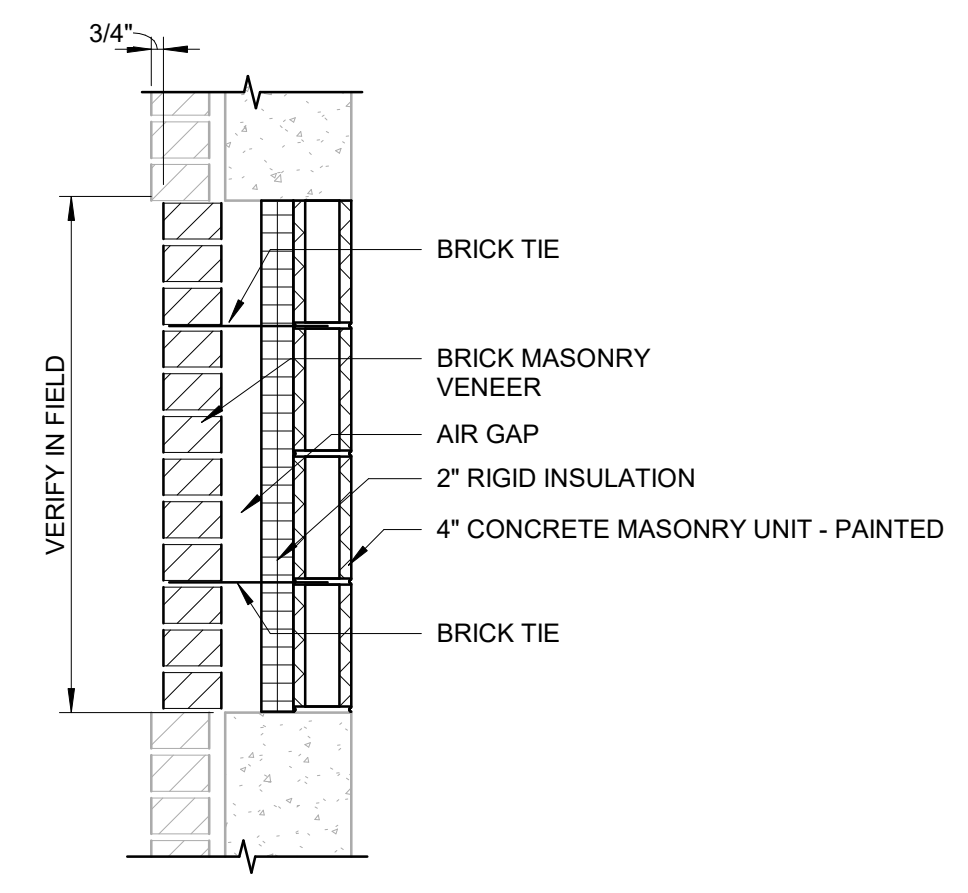
Key Value	Keynote Text
D22	DEMOLISH EXISTING GLASS BLOCK, LIMESTONE SILL, AND INTERIOR CONC. STUCCO. PREPARE AREA AS REQUIRED FOR NEW INFILL.
R03	NEW GUARDRAIL, CORE DRILL HOLES 5" DEEP AND SET WITH NON-SHRINK GROUT. INSET GUARDRAIL POST CENTERED ON CONC. WALL BELOW. SEE STRUCT. FOR CONC. WALL INFORMATION. HOLES TO NOT BE LESS THAN 3" FROM EDGE OF CONCRETE AT ANY LOCATION. TYP. SEE NOTES ON SHEET AGO-001 AND AE1-301 FOR GUARDRAIL & HANDRAIL INFORMATION.
R18	INFILL EXISTING OPENING WITH BRICK AND CMU WALL CONSTRUCTION - REFER TO DETAILS FOR MORE INFORMATION.



6 ENLARGED RAMP PLAN
AE2-002 SCALE: 1/4" = 1'-0"

GUARDRAIL AND HANDRAIL NOTES

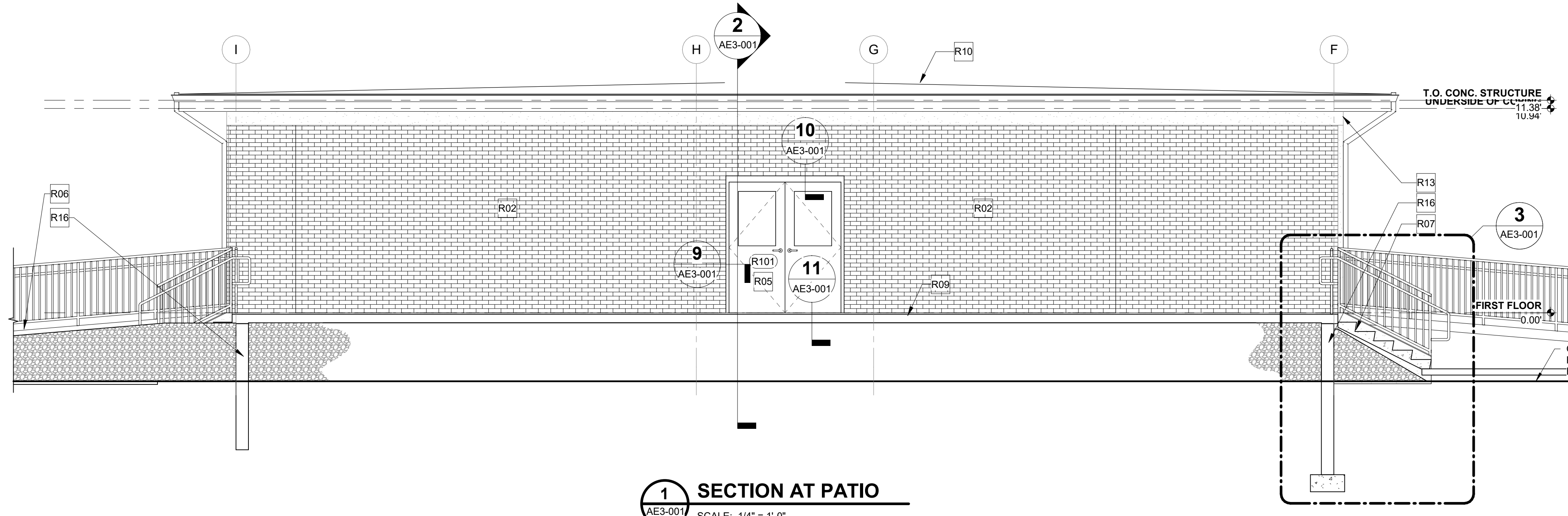
- ALL RAILING COMPONENTS ARE TO BE HOT DIPPED GALVANIZED STEEL. POSTS ARE TO BE SCHEDULE 80, ALL OTHER COMPONENTS ARE TO BE SCHEDULE 40.
- POSTS, HANDRAILS, TOP RAILS, AND BOTTOM RAILS ARE TO BE 1 1/2" PIPE. VERTICAL BALUSTERS ARE TO BE 1" PIPE, TYP.
- ALL RAILING COMPONENTS ARE TO BE PRIMED AND PAINTED WITH A LATEX PAINT.
- GUARDRAIL MEMBER SPACING NOT TO EXCEED 4"Ø CLEAR SPACE IN ANY LOCATION, TYP.
- CORE DRILL EDGE OF POSTS 3" MIN. FROM EDGE OF CONC. STAIR, TYP. POSTS TO BE EMBEDDED IN CONC. MINIMUM 5". INFILL CORED AREAS WITH NON SHRINK GROUT.
- SEE SHEET AGO-001 FOR HANDRAIL AND GUARDRAIL ACCESSIBILITY REQUIREMENTS.



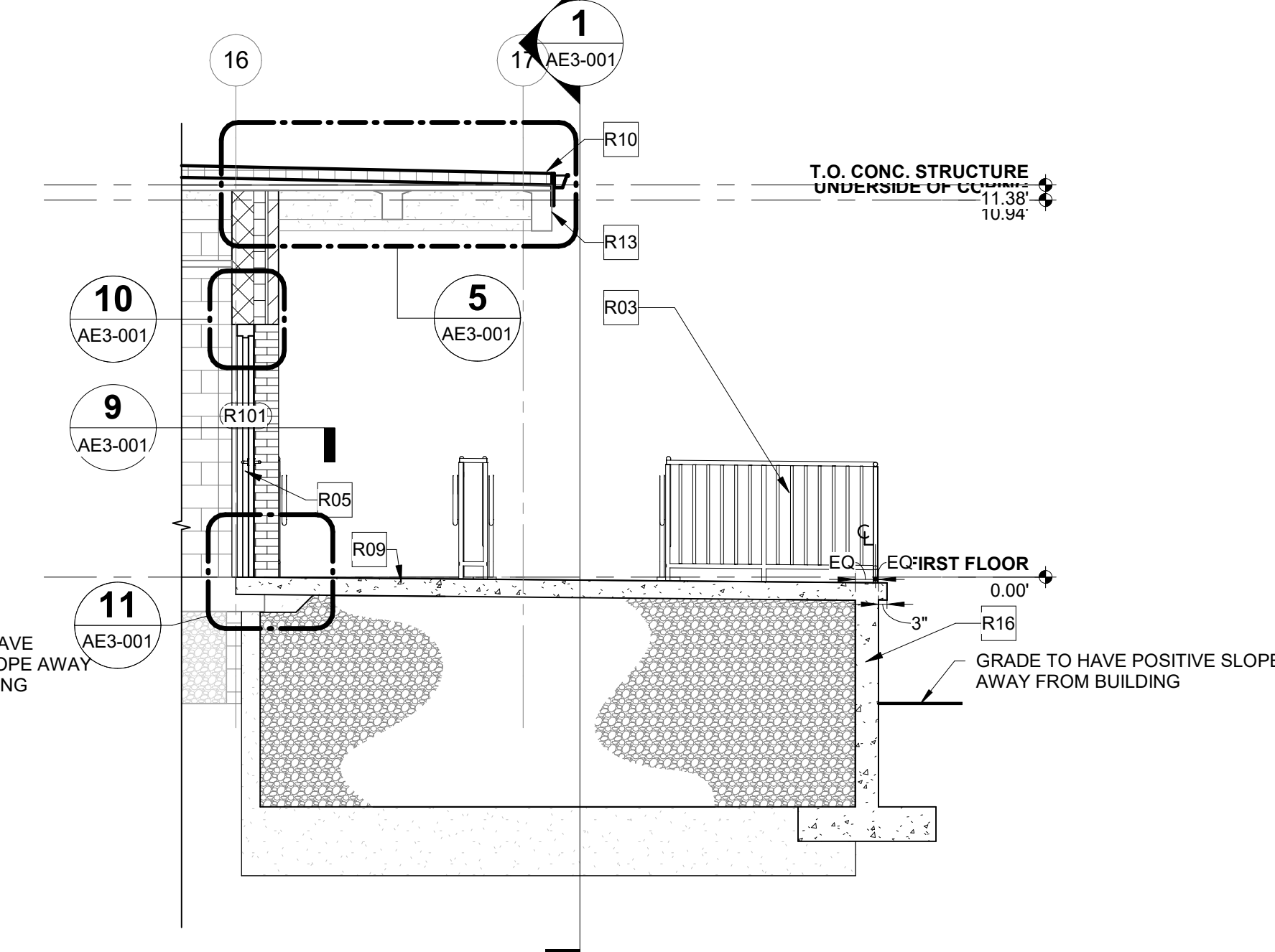
5 INFILL DETAIL
AE2-002 SCALE: 1" = 1'-0"

REV.	DR.	CHK.	DATE	DESCRIPTION
0	KMM	JEC	09/27/2023	JEC

Discipline: 03
File Path: C:\Users\jerry@barga.com\OneDrive\Documents\3812102\3812102_AE2-002.rvt
File Name: 3812102_030103 - Whitesville Elementary Demolition/reno/3812102_AE2-002.rvt
User: jerry@barga.com
2/23/2023 11:46:48 AM



1 SECTION AT PATIO
SCALE: 1/4" = 1'-0"



2 BUILDING SECTION
SCALE: 1/4" = 1'-0"

GENERAL RENO NOTES

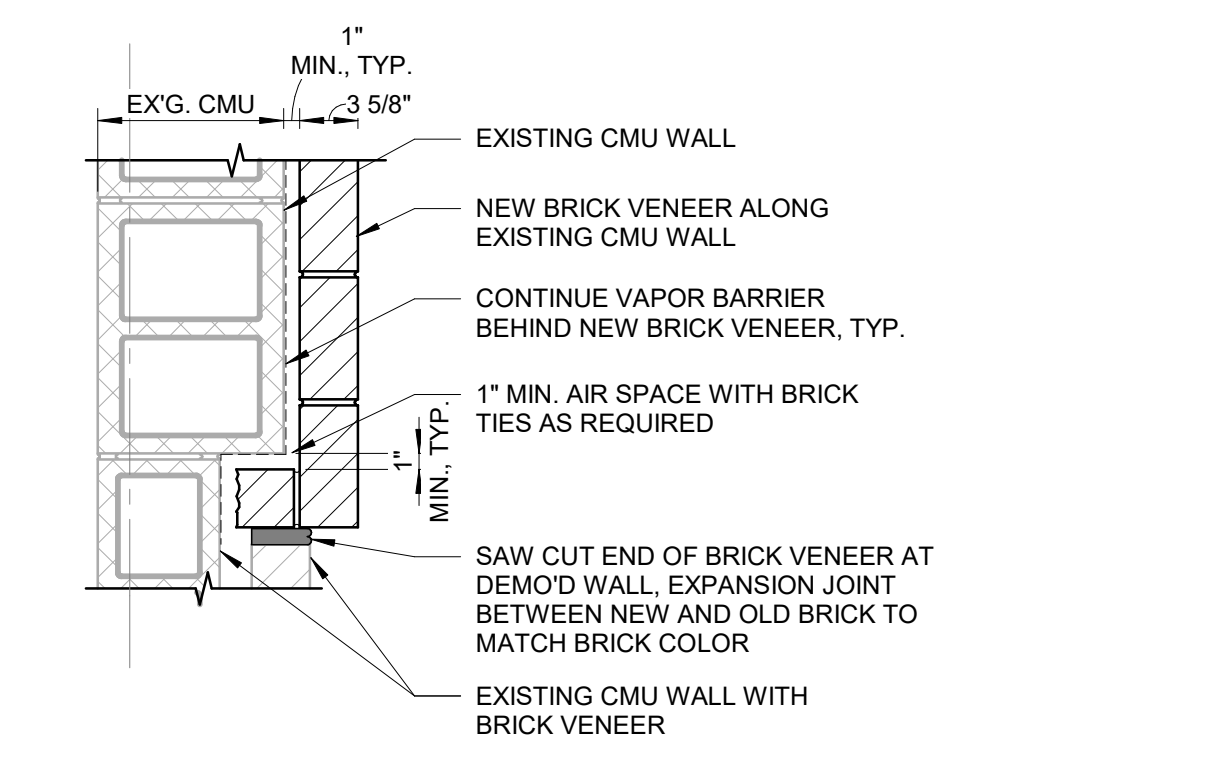
- A. GRADE TO HAVE POSITIVE SLOPE ALL SIDES OF BUILDING.
- B. VERIFY ALL DIMENSIONS IN FIELD.

KEYNOTES

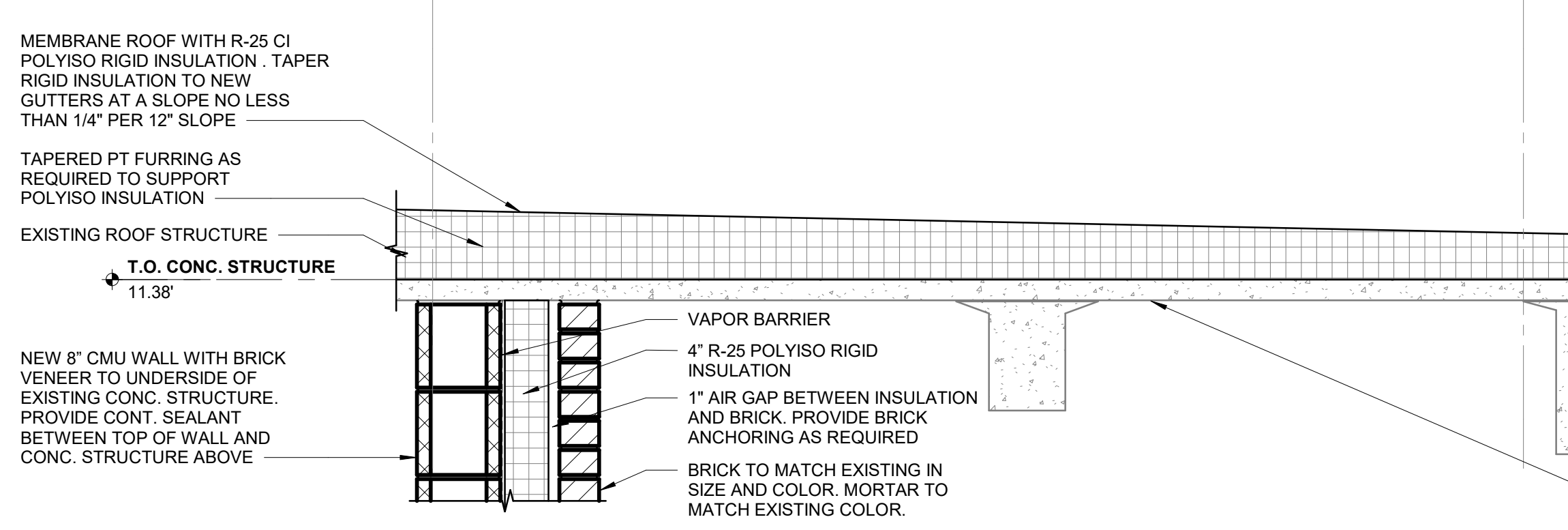
Key Value	Keynote Text
R02	NEW BRICK VENEER ALONG EXISTING WALL AS INDICATED. BRICK TO MATCH EXISTING IN COLOR, TEXTURE, AND SIZE. MORTAR SHALL MATCH EXISTING. PROVIDE VAPOR BARRIER BEHIND NEW BRICK VENEER.
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R13	PRIME AND PAINT UNDERSIDE OF EXPOSED CONC. STRUCTURE ABOVE NEW PATIO.
R16	NEW CONC. WALL - SEE STRUCT.

GUARDRAIL AND HANDRAIL NOTES

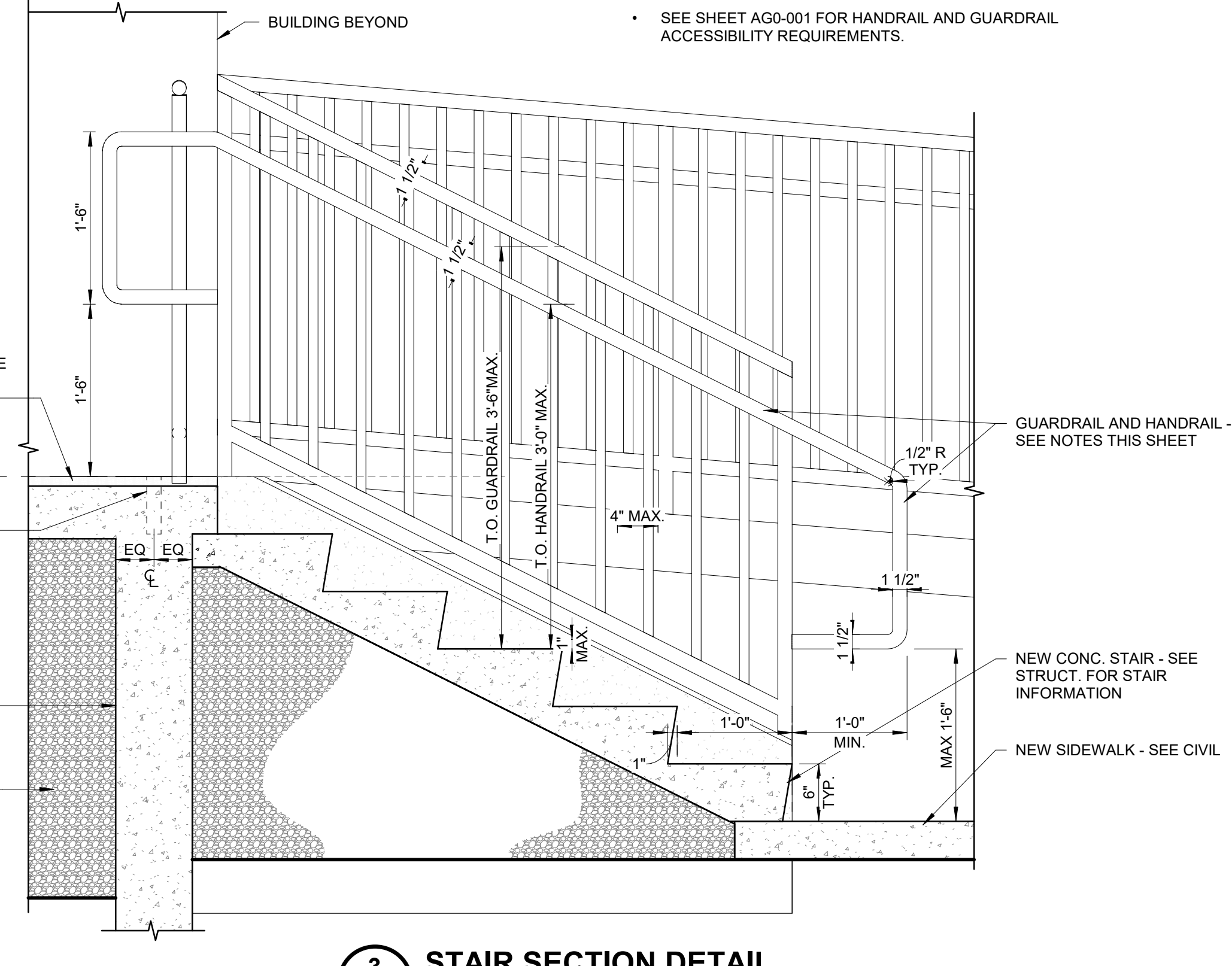
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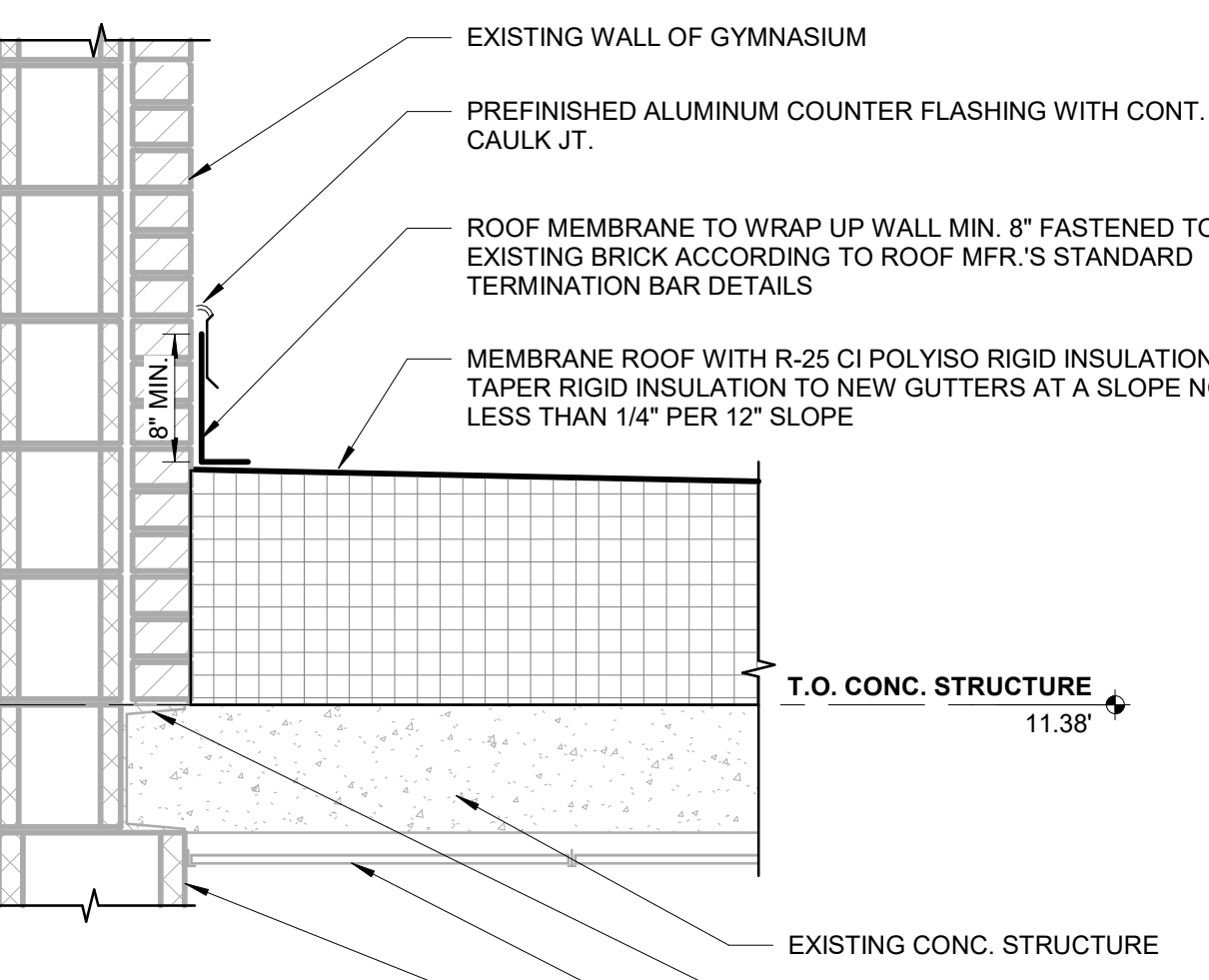
8 BRICK VENEER CORNER WRAP DETAIL
SCALE: 1" = 1'-0"



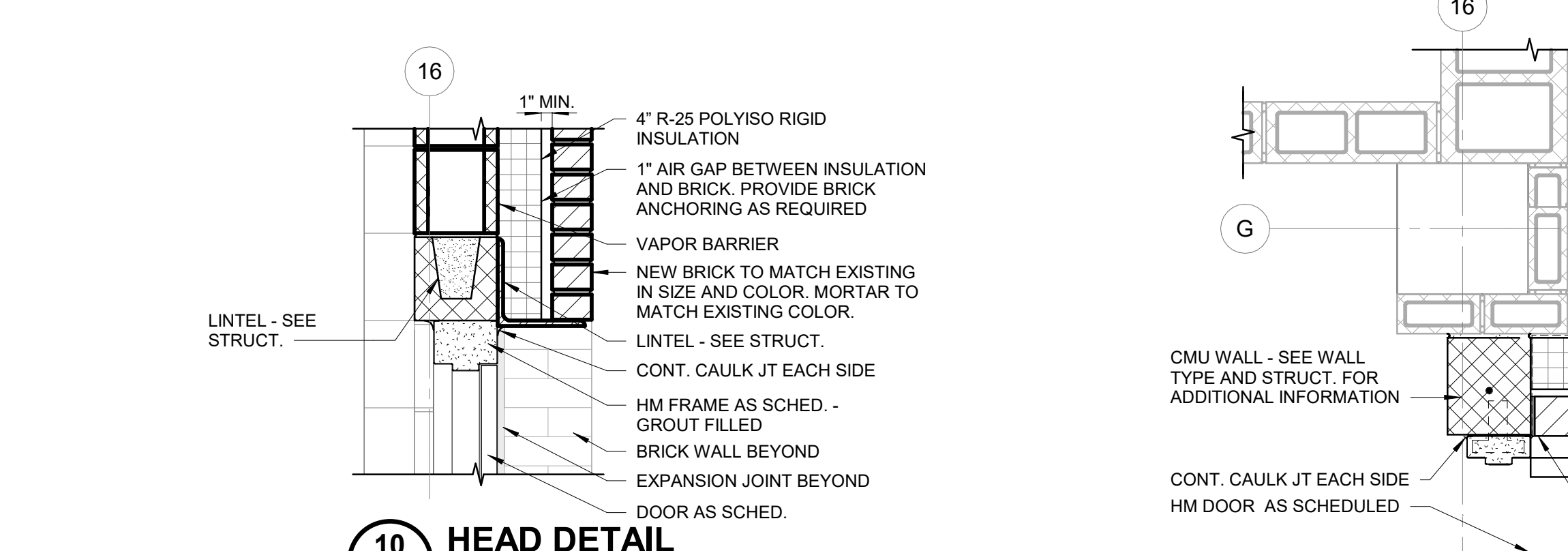
5 AWNING EDGE DETAIL
SCALE: 1" = 1'-0"



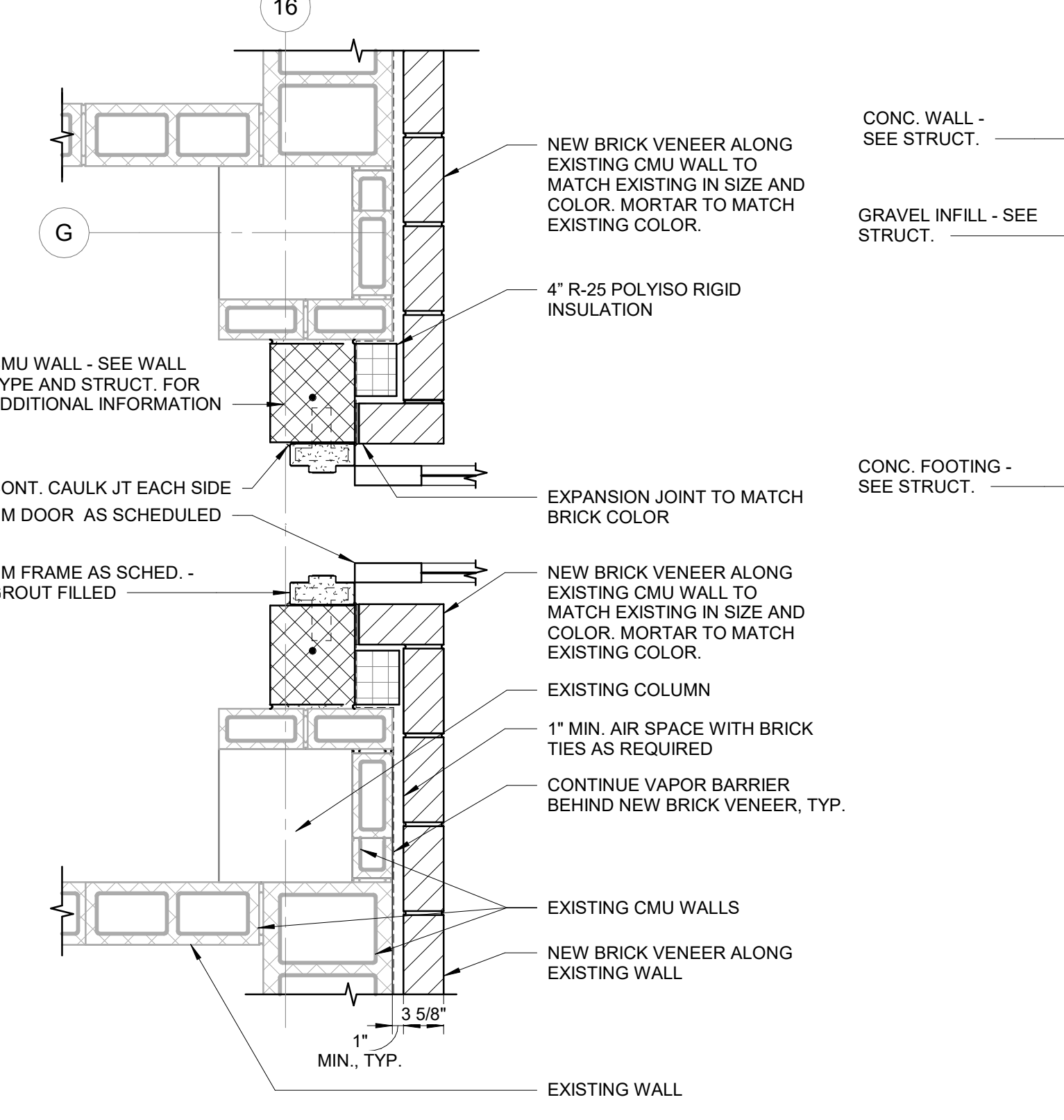
3 STAIR SECTION DETAIL
SCALE: 1" = 1'-0"



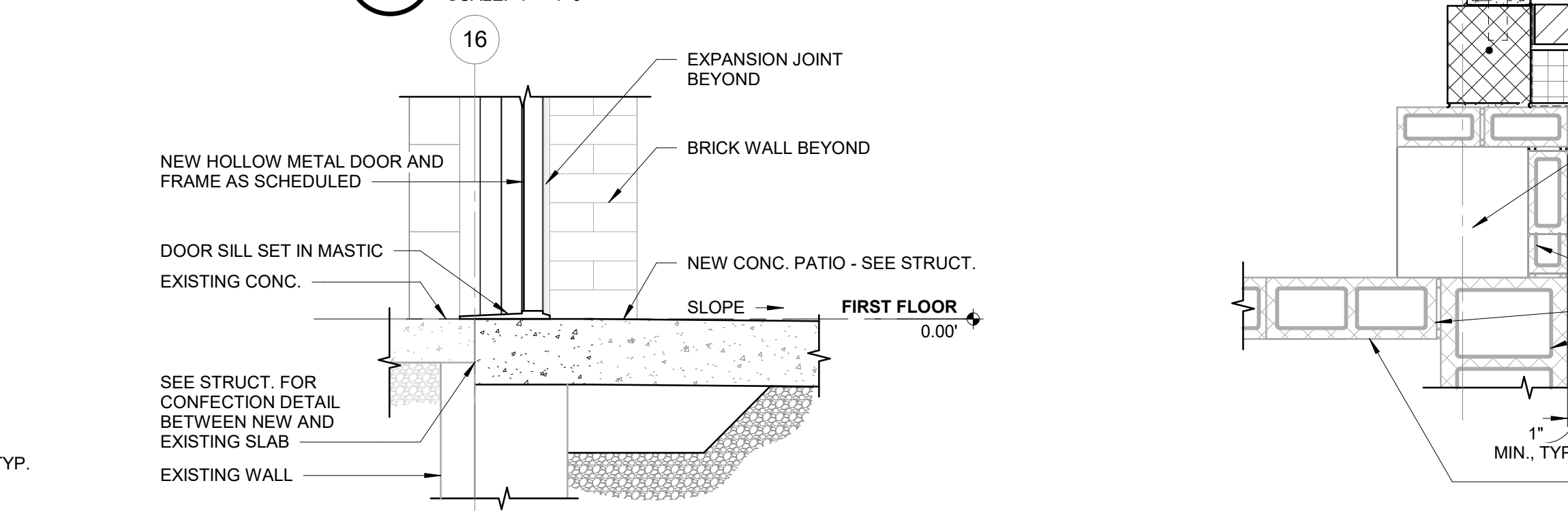
7 ROOF DETAIL AT GYM
SCALE: 1" = 1'-0"



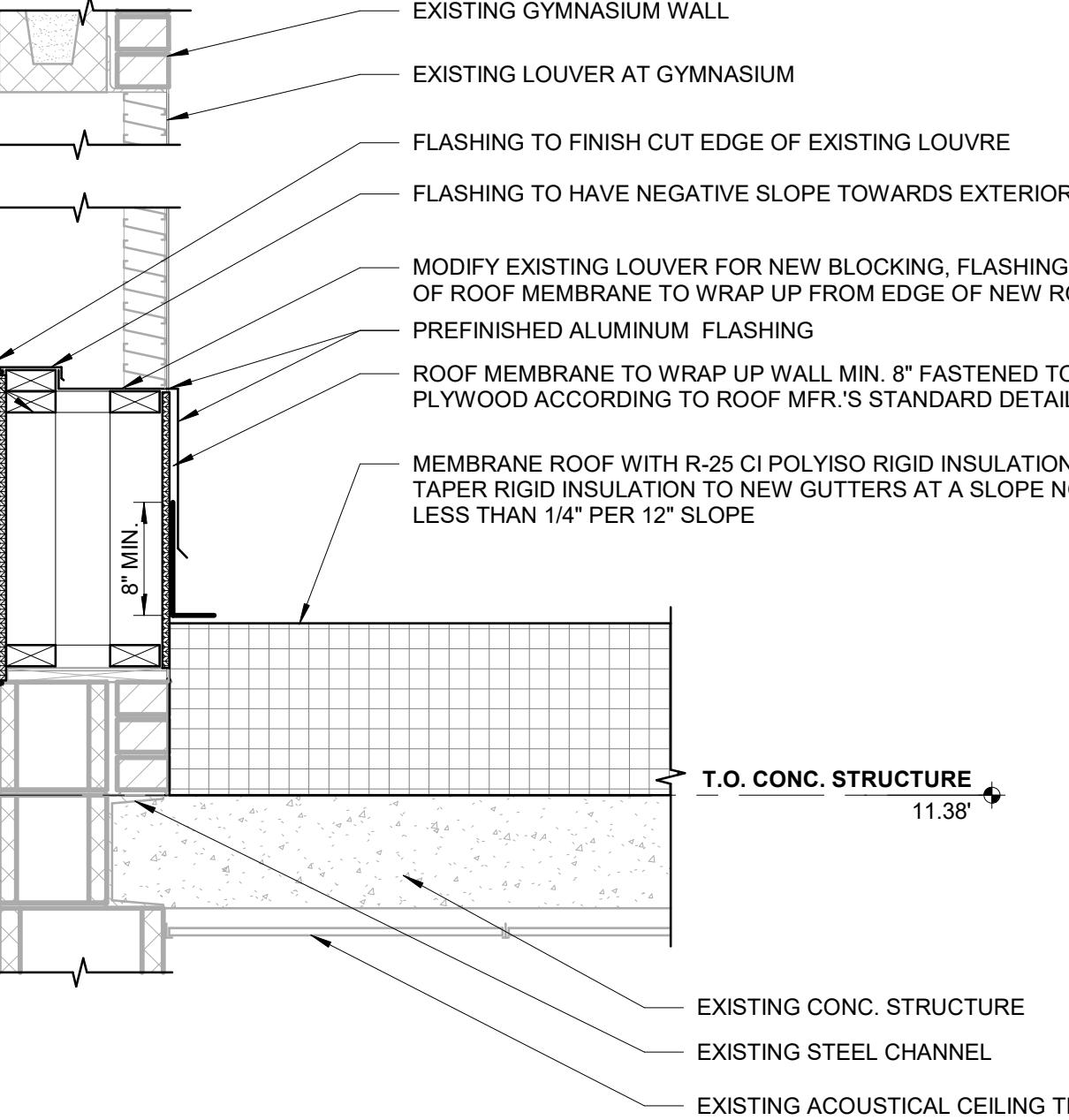
10 HEAD DETAIL
SCALE: 1" = 1'-0"



9 JAMB DETAIL
SCALE: 1" = 1'-0"

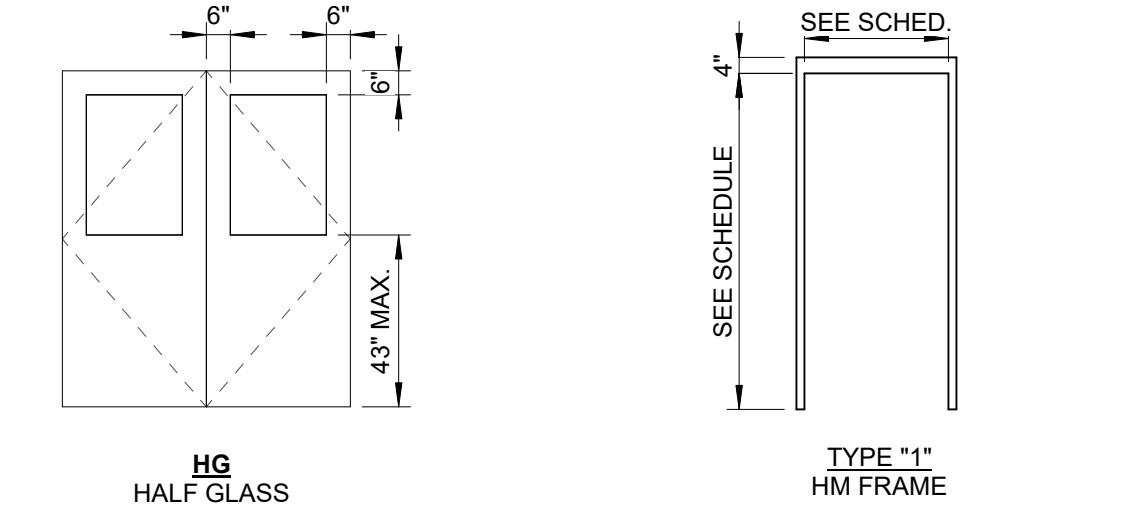


11 DOOR SILL / PATIO DETAIL
SCALE: 1" = 1'-0"



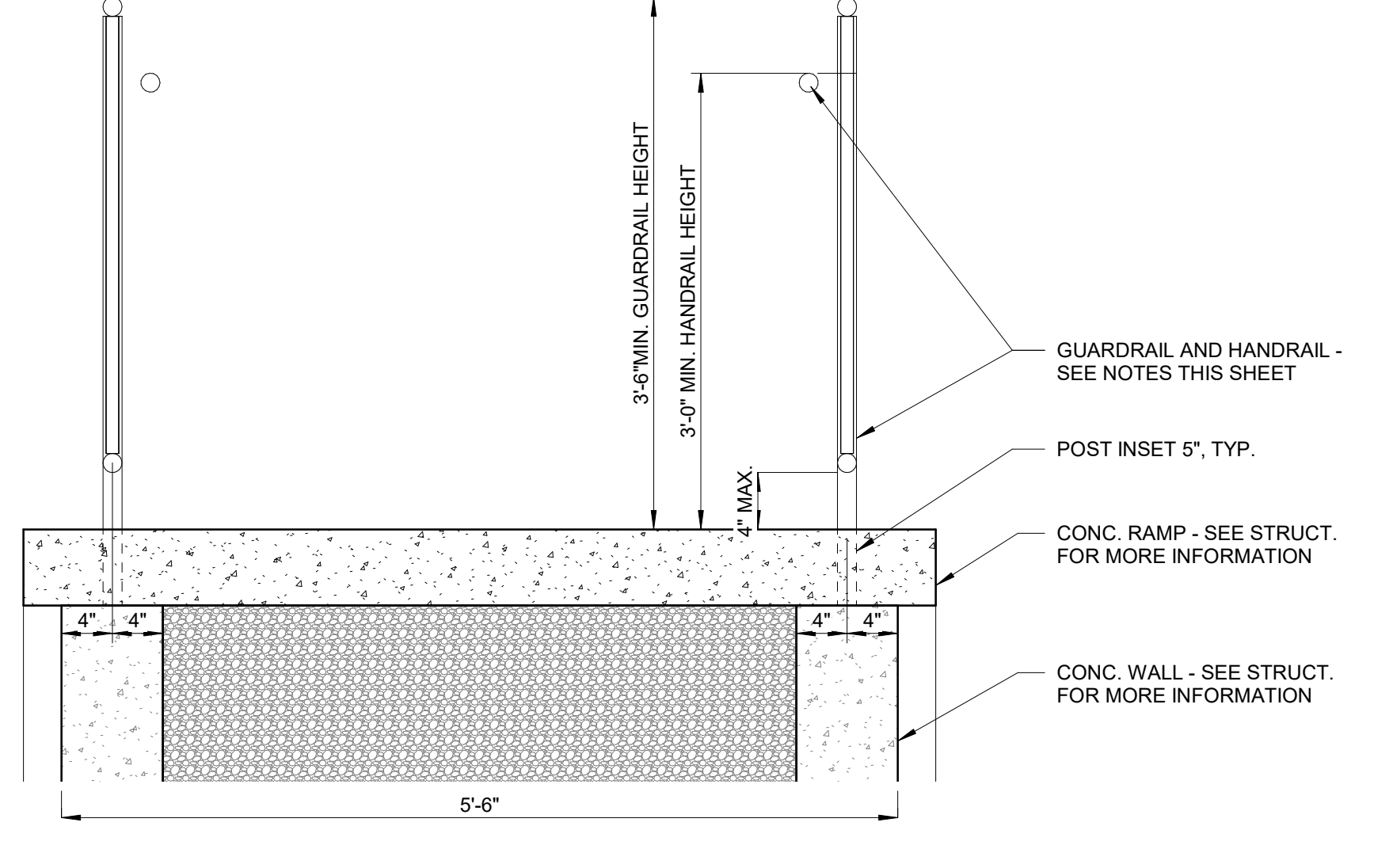
6 ROOF DETAIL AT GYM LOUVER
SCALE: 1" = 1'-0"

Door Number	LEAF INFORMATION					FRAME INFORMATION			DETAILS			Comments		
	Leaf Type	Leaf Quantity	Width	Height	Thickness	Material	Finish	Frame Type	Material	Finish	Jamb		Head	Hardware
R101	HG	2	6'-0"	7'-0"	1 3/4"	HM	PTD	1	HM	PTD	9/AE1-301	10/AE1-301	1	PAINT TO MATCH EXG.



DOOR LEAF TYPES **DOOR FRAME TYPE**

DOOR HARDWARE
1. HARDWARE TO BE COORDINATED WITH OWNER.



4 RAMP SECTION DETAIL
SCALE: 1" = 1'-0"

BARGE DESIGN SOLUTIONS
615 3rd Avenue South, Suite 700, Nashville, Tennessee 37203
Phone: 615.252.1001 Fax: 615.252.0872

STATE OF GEORGIA
JON KERRY OSBORNE
REGISTERED ARCHITECT

SECTIONS / DETAILS / SCHEDULES

TROUP COUNTY, GEORGIA

WHITESVILLE ELEMENTARY SCHOOL DEMOLITION & RENOVATION PACKAGE

1700 WHITESVILLE ROAD LAGRANGE, GA 30240

REV.	DR.	CHK.	DATE	DESCRIPTION
0	KMM	JEC	09/27/2023	IFC

AE3-001

PROJECT NO: 3812102

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CODES AND STANDARDS

THE FOLLOWING CODES AND STANDARDS HAVE BEEN USED AS THE BASIS FOR DESIGN AND/OR SHALL BE UTILIZED BY THE CONTRACTOR TO ESTABLISH MINIMUM LEVELS OF QUALITY AND CONSTRUCTION TECHNIQUES.

1. GENERAL
 - A. INTERNATIONAL BUILDING CODE (IBC 2018) WITH GEORGIA STATE AMENDMENTS.
 - B. AMERICAN SOCIETY OF CIVIL ENGINEERS, "MINIMUM DESIGN LOADS AND ASSOCIATED CRITERIA FOR BUILDINGS AND OTHER STRUCTURES," (ASCE 7-16).
2. CONCRETE
 - A. AMERICAN CONCRETE INSTITUTE, "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" (ACI 318-14).
 - B. AMERICAN CONCRETE INSTITUTE, "SPECIFICATIONS FOR STRUCTURAL CONCRETE" (ACI 301-16).
 - C. AMERICAN CONCRETE INSTITUTE, "GUIDE TO CONCRETE FLOOR AND SLAB CONSTRUCTION" (ACI 302.1R-15).

DESIGN CRITERIA

THE STRUCTURE HAS BEEN DESIGNED FOR THE FOLLOWING LOADS.

1. DEAD LOADS: ACTUAL WEIGHTS OF BUILDING MATERIALS AND STRUCTURAL COMPONENTS.
2. LIVE LOADS
 - A. FLOOR LIVE LOADS
 1. SLAB-ON-GRADE UNIFORM LOAD 250 PSF

CONCRETE

1. MINIMUM 28 DAY CONCRETE COMPRESSIVE STRENGTH SHALL BE AS FOLLOWS:
 - A. SPREAD & CONTINUOUS FOOTINGS, GRADE BEAMS 4,000 PSI
 - B. FOUNDATION WALLS 4,000 PSI
 - C. FLOOR SLABS 4,000 PSI
2. CONCRETE SHALL BE PROPORTIONED, BATCHED, MIXED, PLACED, CONSOLIDATED, AND CURED IN ACCORDANCE WITH ACI 301, 304, 308, 309, 309 AND 318.
3. ALL CONCRETE EXPOSED TO WEATHER SHALL BE AIR ENTRAINED, UNLESS OTHERWISE SHOWN. THE CONCRETE CLEAR COVER AT ALL REINFORCING STEEL SHALL BE:
 - A. CONCRETE CAST AGAINST EARTH 3"
 - B. CONCRETE EXPOSED TO EARTH OR WEATHER 2"
 - C. CONCRETE NOT EXPOSED TO EARTH OR WEATHER 3/4"
5. ALL CONCRETE SHALL BE MECHANICALLY VIBRATED IN ACCORDANCE WITH ACI 304 AND ACI 309.
6. PROVIDE 3/4"x3/4"x 45 DEGREE CHAMFERED CORNERS AT ALL EXPOSED CONCRETE CORNERS UNO.

REINFORCING STEEL FOR CONCRETE

1. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60 (DEFORMED).
2. WELDED WIRE REINFORCEMENT (WWR) SHALL CONFORM TO ASTM A694 AND SHALL BE PROVIDED IN FLAT SHEETS ONLY. FABRIC SHALL LAP TWO FULL MESHES AND BE SECURELY FASTENED AT EACH SIDE AND EACH END.
3. DETAILING FABRICATION AND ERECTION OF REINFORCING STEEL, UNLESS OTHERWISE NOTED, SHALL CONFORM TO ACI 315, "DETAILS AND DETAILING OF REINFORCED CONCRETE STRUCTURES"; SP-18; THE CRSI, "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" AND ACI 318.
4. REINFORCING STEEL SHALL BE CONTINUOUS ACROSS ALL CONSTRUCTION JOINTS UNO.
5. REINFORCING STEEL SHALL NOT BE HEATED OR WELDED AND MUST BE DRY AND FREE OF CONTAMINANTS SUCH AS RUST, DIRT, GREASE, AND PROTECTIVE COATINGS.
6. ALL BAR SPLICES SHALL BE CLASS B TENSION SPLICES IN ACCORDANCE WITH ACI 318.

SLAB ON GRADE

1. THE GEOTECHNICAL ENGINEER SHALL REVIEW THE AGGREGATE BASE AND VERIFY A MINIMUM MODULUS OF SUBGRADE REACTION OF 100 PCI HAS BEEN ACHIEVED.
2. EXCAVATED / STRIPPED AREAS SHALL BE PROOF-ROLLED WITH APPROPRIATE EQUIPMENT AS APPROVED BY THE GEOTECHNICAL ENGINEER. SOFT AREAS SHALL BE REMOVED AND REPLACED WITH APPROVED BACKFILL AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
3. SAWED CONTROL JOINTS SHALL BE CUT AS SOON AS SLAB CAN BE WALKED ON, BUT STARTED NO LATER THAN 8 HOURS AFTER POURING. CONTROL JOINTS SHALL BE COMPLETED NO LATER THAN 16 HOURS AFTER POURING. THESE TIME LIMITS SHALL APPLY REGARDLESS OF THE TIME OF DAY. AN EARLY ENTRY DRY CUT SAW SUCH AS THE SOFF-CUT SYSTEM SHALL BE USED.
4. PROVIDE 4 - #4 X 4'-0" LONG DIAGONAL BARS IN TOP FACE OF SLAB AT ALL RE-ENTRANT CORNERS. EXTEND REINFORCING BARS PAST RE-ENTRANT CORNERS A MINIMUM OF 24"
5. ADEQUATE MEASURE TO PREVENT PLASTIC SHRINKAGE OF SLAB SHALL BE TAKEN BY THE CONTRACTOR AS OUTLINED IN ACI 302.1R.

FOUNDATIONS

1. THE FOUNDATIONS WERE DESIGNED BASED ON THE FOLLOWING PRESUMED NET ALLOWABLE SOIL BEARING PRESSURES:
 - A. CONTINUOUS FOUNDATIONS 1,500 PSF
2. ALLOWABLE BEARING PRESSURES ARE BASED ON BEARING AGAINST FIRM UNDISTURBED SOIL AND OR ENGINEERED BACKFILL WHERE UNACCEPTABLE MATERIAL OCCURS. EXCAVATE AND REPLACE WITH ENGINEERED FILL AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
3. ALL FOUNDATION BEARING SURFACES SHALL BE REVIEWED BY THE GEOTECHNICAL ENGINEER PRIOR TO STEEL OR CONCRETE PLACEMENT TO ENSURE THAT THE BEARING SURFACES ARE CONSISTENT WITH THE ALLOWABLE BEARING PRESSURES NOTED.
4. CONTRACTOR SHALL KEEP ALL FREE STANDING WATER OUT OF EXCAVATION. CONTRACTOR SHALL PROVIDE DEWATERING MEASURES AS NECESSARY PRIOR TO PLACING CONCRETE.
5. EXISTING SOIL WHICH IS DEEMED NON-USABLE BY THE GEOTECHNICAL ENGINEER DUE TO FAILURE OF THE CONTRACTOR TO PROMPTLY DE-WATER THE SITE SHALL BE REMOVED AND REPLACED WITH SUITABLE FILL AT THE CONTRACTOR'S EXPENSE.
6. DESIGN OF TEMPORARY AND PERMANENT SHORING FOR EXCAVATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
7. FOR WALLS OR GRADE WALLS HAVING FILL ON EACH SIDE, PROCEED WITH BACKFILLING OPERATIONS SIMULTANEOUSLY IN UNIFORM LIFTS. DIFFERENTIAL ELEVATION OF TOP OF LIFTS BETWEEN EACH SIDE SHALL NOT EXCEED 18 INCHES.

MISCELLANEOUS

1. GENERAL NOTES AND TYPICAL DETAILS DESCRIBE GENERAL CRITERIA APPLICABLE TO ALL SIMILAR CONDITIONS THROUGHOUT THE PROJECT REGARDLESS OF WHETHER OR NOT THEY ARE SPECIFICALLY REFERENCED IN THE PLANS OR DETAILS.
2. DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE STRUCTURAL ENGINEER BEFORE CONTINUING WITH CONSTRUCTION.
3. CONTRACTOR SHALL COORDINATE THE STRUCTURAL DOCUMENTS WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION AND CIVIL DOCUMENTS. ARCHITECT/STRUCTURAL ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY.
4. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS, FOR DIMENSIONS TO BE CONFIRMED AT THE JOBSITE, FOR FABRICATION PROCESSES, AND FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION.
5. NO SUBSTITUTIONS OF MATERIAL WILL BE ALLOWED WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
6. SHOP DRAWINGS SHALL NOT BE REVIEWED FOR APPROVAL UNLESS CHECKED BY THE FABRICATOR AND APPROVED BY THE CONTRACTOR.
7. CONTRACTOR SHALL COMPLY WITH LOCAL, STATE, FEDERAL AND OWNERS SAFETY REGULATIONS WHILE WORKING. STRUCTURAL ENGINEER DOES NOT ASSUME ANY RESPONSIBILITY FOR CONSTRUCTION SITE SAFETY.
8. CONTRACTOR SHALL REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
9. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND ELEVATIONS BEFORE STARTING WORK. NOTIFY STRUCTURAL ENGINEER OF ANY DISCREPANCY. NOTIFY STRUCTURAL ENGINEER IN WRITING OF CONDITIONS ENCOUNTERED IN THE FIELD CONTRADICTORY TO THOSE SHOWN ON THE STRUCTURAL CONTRACT DOCUMENTS.

STATEMENT OF SPECIAL INSPECTIONS

THE OWNER SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PERFORM INSPECTIONS DURING CONSTRUCTION IN ACCORDANCE WITH THE REQUIREMENTS GIVEN IN CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE AND THE FOLLOWING TABLES. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE TO THE SATISFACTION OF THE BUILDING OFFICIAL FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.

CONTRACTOR RESPONSIBILITIES

THE CONTRACTOR SHALL SUBMIT TO THE BUILDING OFFICIAL AND THE ARCHITECT A WRITTEN STATEMENT OF RESPONSIBILITY THAT CONTAINS THE FOLLOWING:

1. ACKNOWLEDGMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED WITHIN THIS STRUCTURAL QUALITY ASSURANCE PLAN.
2. ACKNOWLEDGEMENT THAT CONTROL SHALL BE EXERCISED TO OBTAIN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS APPROVED BY THE BUILDING OFFICIAL.
3. PROCEDURES FOR EXERCISING CONTROL WITHIN THE CONTRACTOR'S ORGANIZATION, THE METHOD AND FREQUENCY OF REPORTING, AND THE DISTRIBUTION OF REPORTS.
4. IDENTIFICATION AND QUALIFICATIONS OF THE PERSON(S) EXERCISING SUCH CONTROL AND THEIR POSITION(S) IN THE ORGANIZATION.
5. A LIST OF THE INDIVIDUALS, APPROVED AGENCIES, OR FIRMS INTENDED TO BE RETAINED FOR CONDUCTING THE SPECIAL INSPECTIONS.

THE STRUCTURAL TESTING/INSPECTION AGENCY THAT IS TO ACT AS THE SPECIAL INSPECTOR WILL BE HIRED BY THE OWNER.

CONTRACTOR SHALL PAY FOR ANY ADDITIONAL STRUCTURAL TESTING/INSPECTION REQUIRED FOR WORK OR MATERIALS NOT COMPLYING WITH THE CONSTRUCTION DOCUMENTS DUE TO NEGLIGENCE OR NONCONFORMANCE AND SHALL PAY FOR ANY ADDITIONAL STRUCTURAL TESTING/INSPECTION REQUIRED FOR HIS CONVENIENCE.

CONTRACTOR IS RESPONSIBLE TO ENSURE THAT THE SPECIAL INSPECTOR IS PRESENT FOR ALL WORK REQUIRING SPECIAL INSPECTION ANY WORK THAT REQUIRES SPECIAL INSPECTION AND IS PERFORMED WITHOUT THE SPECIAL INSPECTOR BEING PRESENT IS SUBJECT TO BEING DEMOLISHED AND RECONSTRUCTED.

CONTRACTOR HAS THE FOLLOWING RESPONSIBILITIES TO THE SPECIAL INSPECTOR:

1. PROVIDE COPY OF CONSTRUCTION DOCUMENTS TO THE SPECIAL INSPECTOR.
2. NOTIFY THE SPECIAL INSPECTOR SUFFICIENTLY IN ADVANCE OF OPERATIONS TO ALLOW ASSIGNMENT OF PERSONNEL AND SCHEDULING OF TESTS.
3. COOPERATE WITH SPECIAL INSPECTOR AND PROVIDE ACCESS TO WORK.
4. PROVIDE SAMPLES OF MATERIALS TO BE TESTED IN REQUIRED QUANTITIES.
5. PROVIDE STORAGE SPACE FOR THE SPECIAL INSPECTOR'S EXCLUSIVE USE, SUCH AS FOR STORING AND CURING CONCRETE TESTING SAMPLES.
6. PROVIDE LABOR TO ASSIST THE SPECIAL INSPECTOR IN PERFORMING TESTS/INSPECTIONS.

SPECIAL INSPECTOR RESPONSIBILITIES

SPECIAL INSPECTOR SHALL MAINTAIN RECORDS OF INSPECTIONS IN ACCORDANCE WITH CHAPTER 17 OF THE BUILDING CODE AND SHALL DISTRIBUTE THESE RECORDS TO THE BUILDING OFFICIAL, ARCHITECT, AND STRUCTURAL ENGINEER ON A WEEKLY BASIS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THE DISCREPANCIES ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL. AT THE CONCLUSION OF THE PROJECT THE SPECIAL INSPECTOR SHALL SUBMIT A WRITTEN STATEMENT THAT THE SPECIAL INSPECTIONS DURING CONSTRUCTION HAVE COMPLIED WITH THIS STRUCTURAL QUALITY ASSURANCE PLAN AND THAT ANY DISCREPANCIES NOTED DURING CONSTRUCTION HAVE BEEN CORRECTED.

TABLE 1705.6
REQUIRED VERIFICATION AND INSPECTIONS OF SOILS

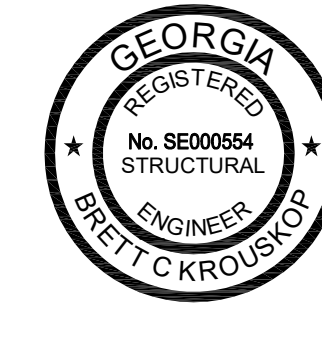
VERIFICATION AND INSPECTION	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED
Verify materials below shallow foundations are adequate to achieve the design bearing capacity.	-	X
Verify excavations are extended to proper depth and have reached proper material.	-	X
Perform classification and testing of compacted fill materials.	-	X
Verify use of proper materials, densities and lift thicknesses during placement and compaction of compacted fill.	X	-
Prior to placement of compacted fill, observe subgrade and verify that site has been prepared properly.	-	X

IBC TABLE 1705.3
REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION

TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD(s)	IBC REFERENCE
1. Inspect reinforcement, including prestressing tendons, and verify placement.	-	X	ACI 318: Ch. 20, 25.2, 25.3, 26.6.1-26.6.3	1908.4
2. Reinforcing bar welding: <ol style="list-style-type: none"> a. Verify weldability of reinforcing bars other than ASTM A706 b. Inspect single-pass fillet welds, maximum 5/16"; and c. Inspect all other welds. 	-	X	AWS D1.4 ACI 318: 26.6.4	-
3. Inspect anchors cast in concrete.	-	X	ACI 318: 17.8.2	-
4. Inspect anchors post-installed in hardened concrete members.(b) <ol style="list-style-type: none"> a. Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads. b. Mechanical anchors and adhesive anchors not defined in 4.a. 	X	-	ACI 318: 17.8.2.4	-
5. Verify use of required design mix.	-	X	ACI 318: Ch. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
6. Prior to concrete placement, fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete.	X	-	ASTM C172 ASTM C91 ACI 318: 26.5, 26.12	1908.1
7. Inspect concrete and shotcrete placement for proper application techniques.	X	-	ACI 318: 26.5	1908.6, 1908.7, 1908.8
8. Verify maintenance of specified curing temperature and techniques.	-	X	ACI 318: 26.5.3-26.5.5	1908.9
9. Reinforcing bar welding: <ol style="list-style-type: none"> a. Application of prestressing forces; and b. Grouting of bonded prestressing tendons. 	X	-	ACI 318: 26.10	-
10. Inspect erection of precast concrete members	-	X	ACI 318: 26.9	-
11. Verify in-situ concrete strength, prior to stressing of tendons in post-tensioned concrete and prior to removal of shores and forms from beams and structural slabs.	-	X	ACI 318: 26.11.2	-
12. Inspect format for shape, location and dimensions of the concrete member being formed.	-	X	ACI 318: 26.11.1.2(b)	-
a. Where applicable, see Section 1705.12. Special inspections for seismic resistance.				
b. Specific requirements for special inspection shall be included in the research report for the anchor issued by an approved source in accordance with 17.8.2 in ACI 318, or other qualification procedures. Where specific requirements are not provided, special inspection requirements shall be specified by the registered design professional and shall be approved by the building official prior to the commencement of the work.				

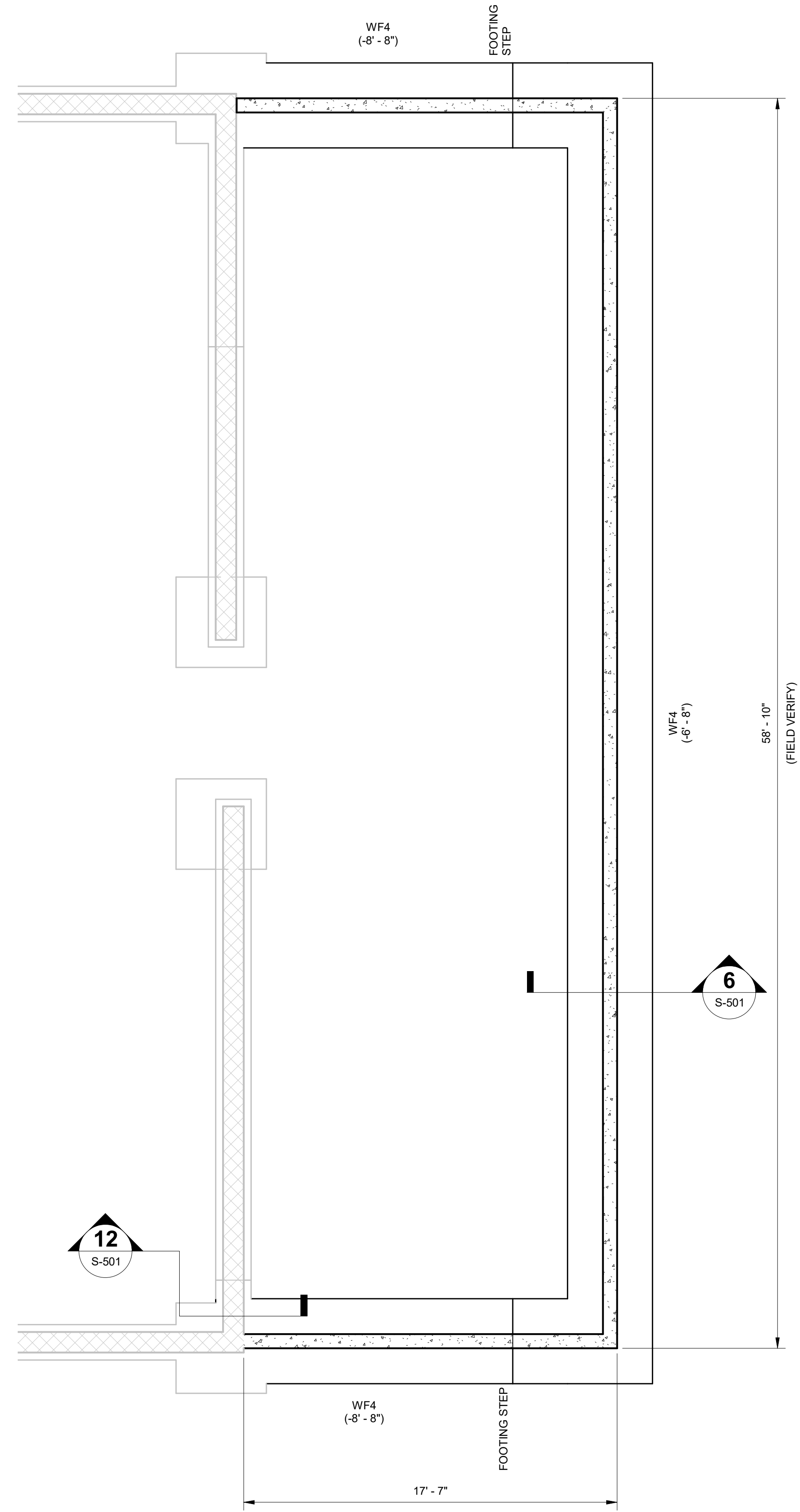
ABBREVIATIONS

AB	ANCHOR BOLT	FD	FLOOR DRAIN	PREFAB	PREFABRICATED
ADL	ADDITIONAL	FDN	FOUNDATION	PSF	POUNDS PER SQUARE FOOT
AFF	ABOVE FINISH FLOOR	FIN FLR	FINISHED FLOOR	PSI	POUNDS PER SQUARE INCH
ALT	ALTERNATE	FTG	FOOTING	PSL	PARALLEL STRAND LUMBER
APPROX	APPROXIMATE, APPROXIMATELY	GA	GALVE	PT	PRESERVATIVE TREATED
ARCH	ARCHITECT, ARCHITECTURAL	GALV	GALVANIZE, GALVANIZED	RD	ROOF DRAIN
BLDG	BUILDING	HDD	HEADED	REF	REFER, REFERENCE
BM	BEAM	HORIZ	HORIZONTAL	REFR	REINFORCING
BO	BOTTOM OF	INT	INTERIOR	REQD	REQUIRED
BOB	BASIS OF DESIGN	JOINT	JOINT	RET	RETAINING
BOT	BOTTOM	K	KIPS	SCHED	SCHEDULE
BP	BASEPLATE	KSF	KIPS PER SQUARE FOOT	SECT	SECTION
BRG	BEARING	KSI	KIPS PER SQUARE INCH	SLV	SIMILAR
CC	CENTER TO CENTER	L	LONG	SOG	SLAB-ON-GRADE
CJ	CONTROL JOINT, CONSTRUCTION JOINT	LL	LIVE LOAD	SPEC	SPECIFICATIONS
CL	CENTER LINE	LLV	LONG LEG VERTICAL	STIFF	STIFFENER
CLR	CLEAR	LONG	LONG	SO	SQUARE
CMU	CONCRETE MASONRY UNIT	LVL	LONG LEG VERTICAL	STD	STANDARD
COL	COLUMN	LW	LIGHT WEIGHT	STL	STEEL
CONC	CONCRETE	MANUF	MANUFACTURER	SYM	SYMMETRICAL
CONT	CONTINUOUS	MAS	MASONRY	T&B	TOP AND BOTTOM
CP	COMPLETE PENETRATION	MATL	MATERIAL	T&G	TONGUE AND GROOVE
DIA	DIAMETER	MAX	MAXIMUM	T/	TOP OF
DIAG	DIAGONAL	MIN	MINIMUM	THDD	THREADED
D	DEAD LOAD	MTL	METAL	TOP	TOP OF
DO	DITTO	NIC	NOT IN CONTRACT	TRANS	TRANSVERSE
DWG	DRAWING	NTS	NOT TO SCALE	TYP	TYPICAL
EOS	EDGE OF SLAB	NW	NORMAL WEIGHT	UNO	UNLESS NOTED OTHERWISE
EA	EACH	OC	ON CENTER	VIF	VERIFY IN FIELD
EF	EACH FACE	OPNG	OPENING	VERT	VERTICAL
EL	ELEVATION	OPP	OPPOSITE	W/	WITH
EOR	ENGINEER OF RECORD	PAF	POWDER ACTUATED FASTENER	W/O	WITHOUT
EW	EACH WAY	PC	PRECAST CONCRETE	WP	WORKING POINT
EXIST	EXISTING	PEJF	PRE-MOLDED EXPANSION JOINT FILLER	WWR	WELDED WIRE REINFORCING
EXP	EXPANSION	PEMB	PRE-ENGINEERED METAL BUILDING		
EXT	EXTERIOR	PL	PLATE		

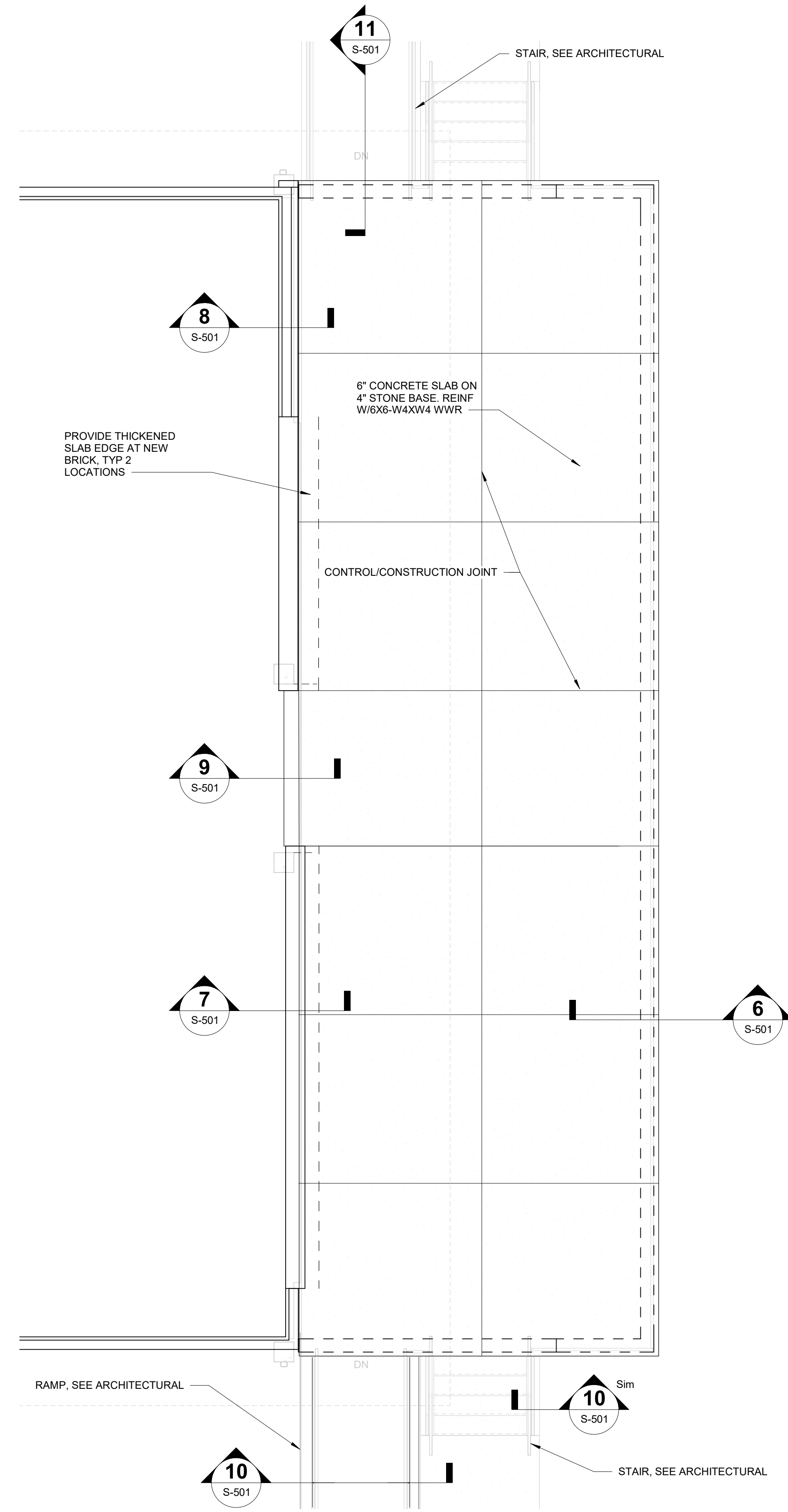


STRUCTURAL NOTES/SPECIAL INSPECTIONS
 TROUP COUNTY, GEORGIA
 WHITESVILLE ELEMENTARY SCHOOL DEMOLITION & RENOVATION PACKAGE
 1700 WHITEVILLE ROAD LAGRANGE, GA 30240

REV.	DR	CHK	DATE	REVISION INFORMATION	DESCRIPTION
0	BRW		07/27/2023	IFC	



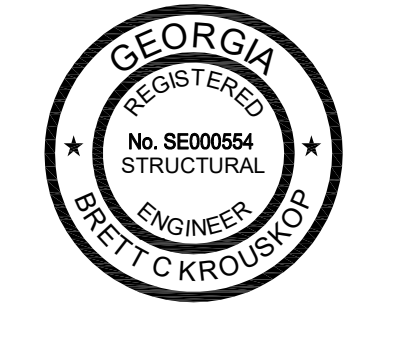
2 FOUNDATION PLAN
SCALE: 1/4" = 1'-0"
PLAN NORTH



1 PATIO SLAB PLAN
SCALE: 1/4" = 1'-0"
PLAN NORTH

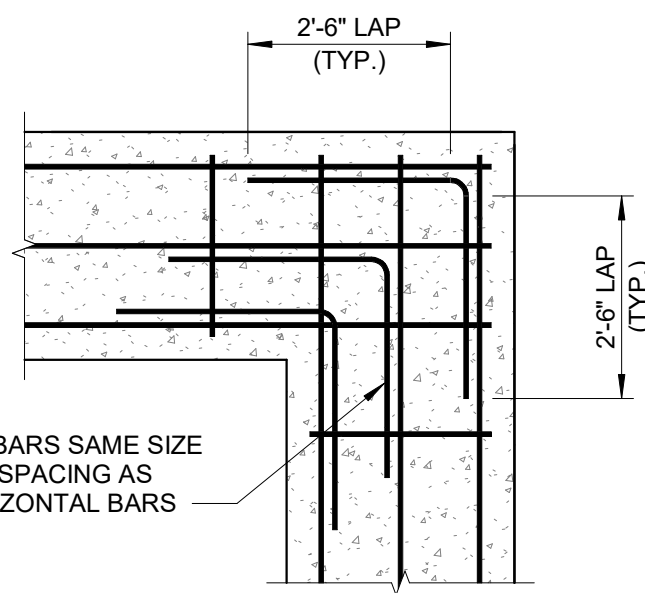
WALL FOOTING SCHEDULE			
MARK	WIDTH	THICKNESS	FOOTING REINFORCING - BOTTOM
WF1.5	1' - 6"	0' - 8"	(3) #4 CONT, #4@12" OC TRANS
WF4	4' - 0"	1' - 0"	(6) #4 CONT, #4@8" OC TRANS

Drawing Set: 20
 Title: 3812102
 Date: 02/22/2023
 Project: Whitesville Elementary Demolition/ Renovation
 File: 3812102_101.dwg
 User: jk
 Plot Date: 02/22/2023 10:52:41 AM

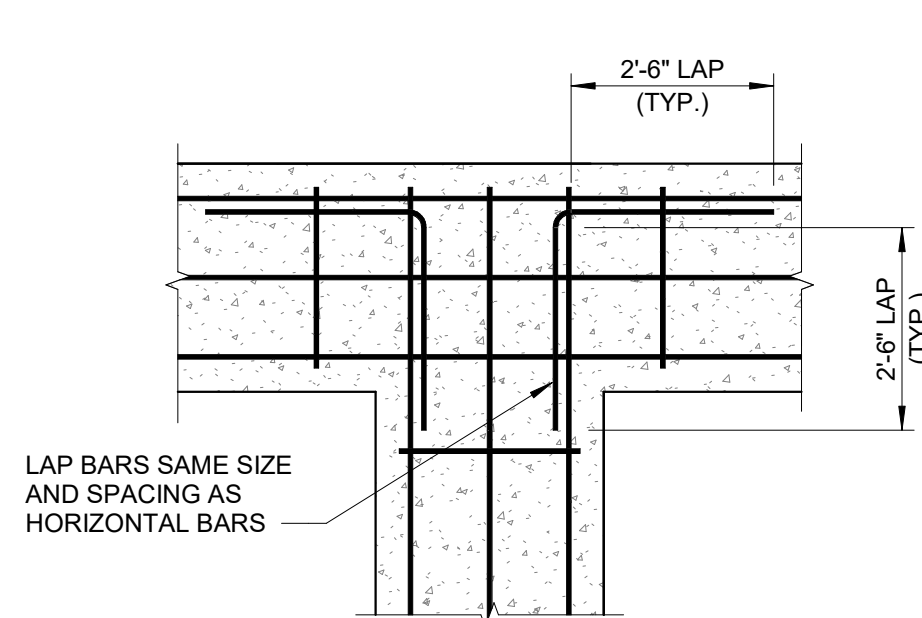


STRUCTURAL PLANS
TROUP COUNTY, GEORGIA
WHITESVILLE ELEMENTARY SCHOOL DEMOLITION & RENOVATION PACKAGE
1700 WHITEVILLE ROAD LAGRANGE, GA 30240

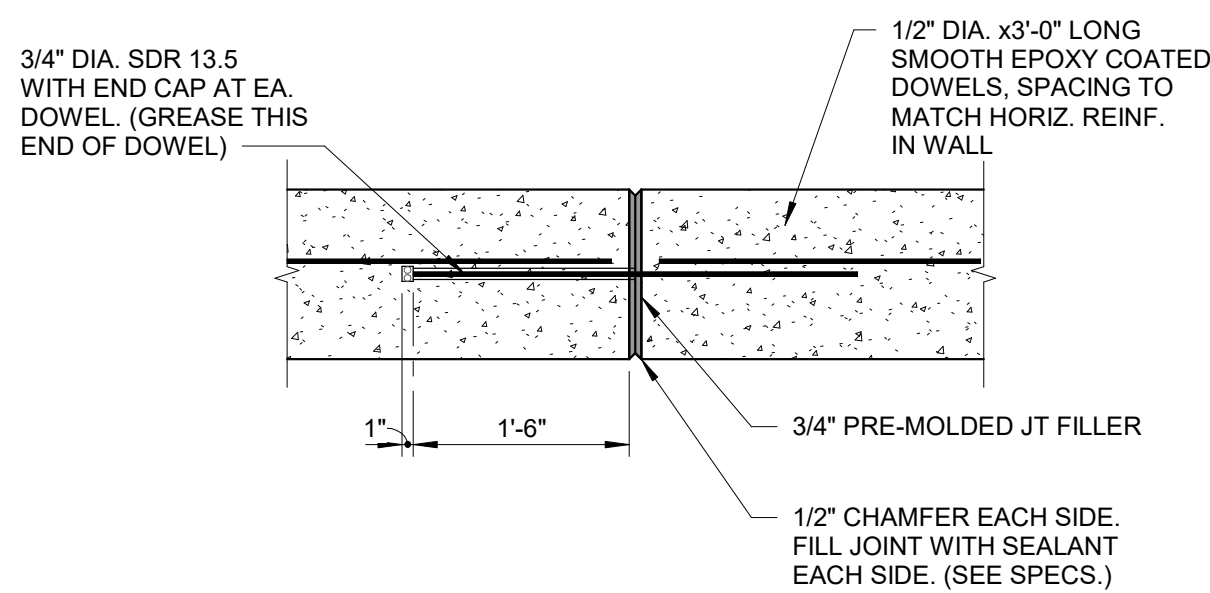
REV.	DR.	CHK.	DATE	DESCRIPTION
0			02/22/2023	EC



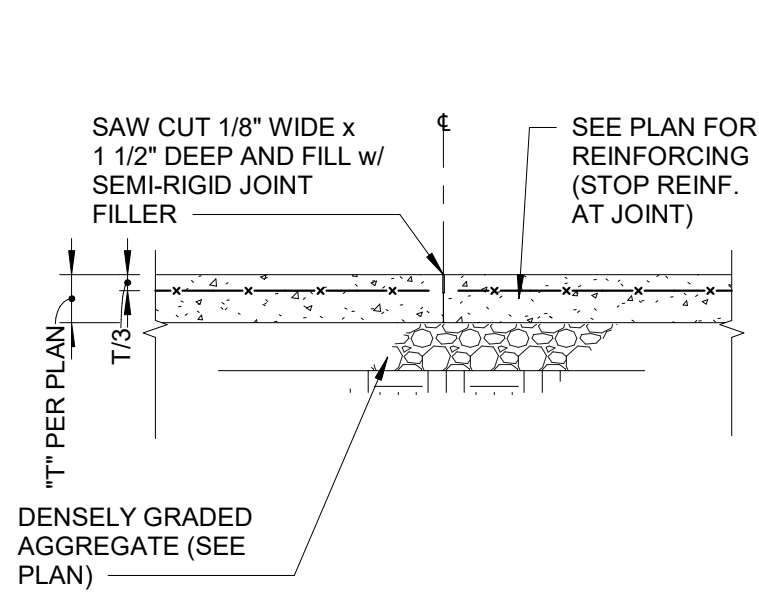
1 TYP WALL/FOOTING CORNER
S-501 SCALE: 3/4" = 1'-0"



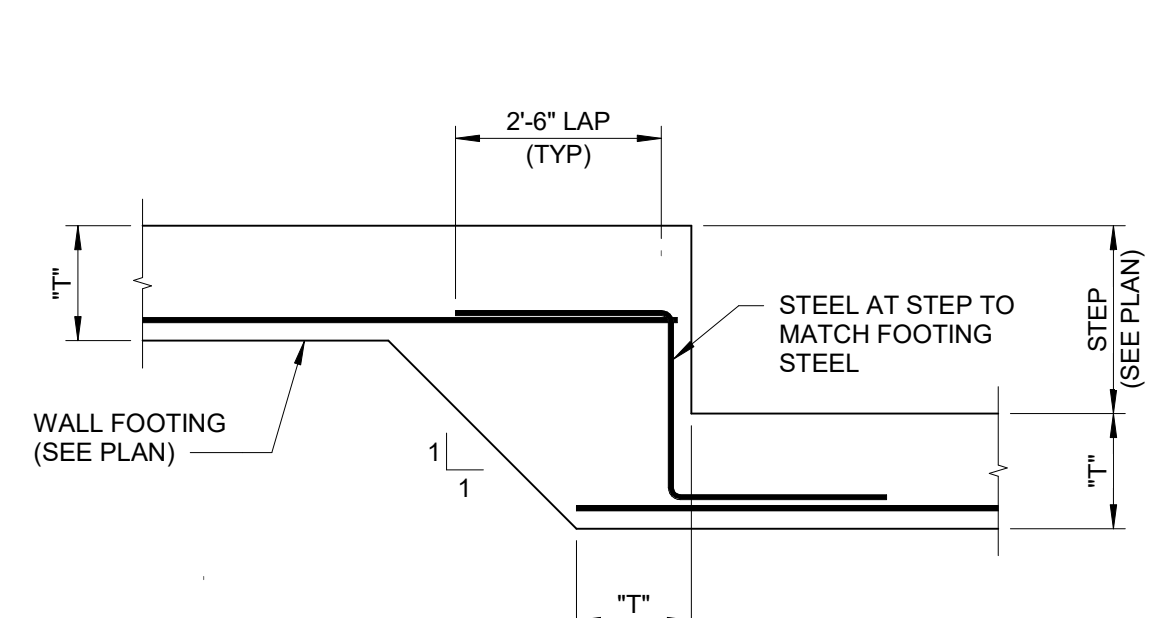
2 TYP WALL/FOOTING INTERSECTION
S-501 SCALE: 3/4" = 1'-0"



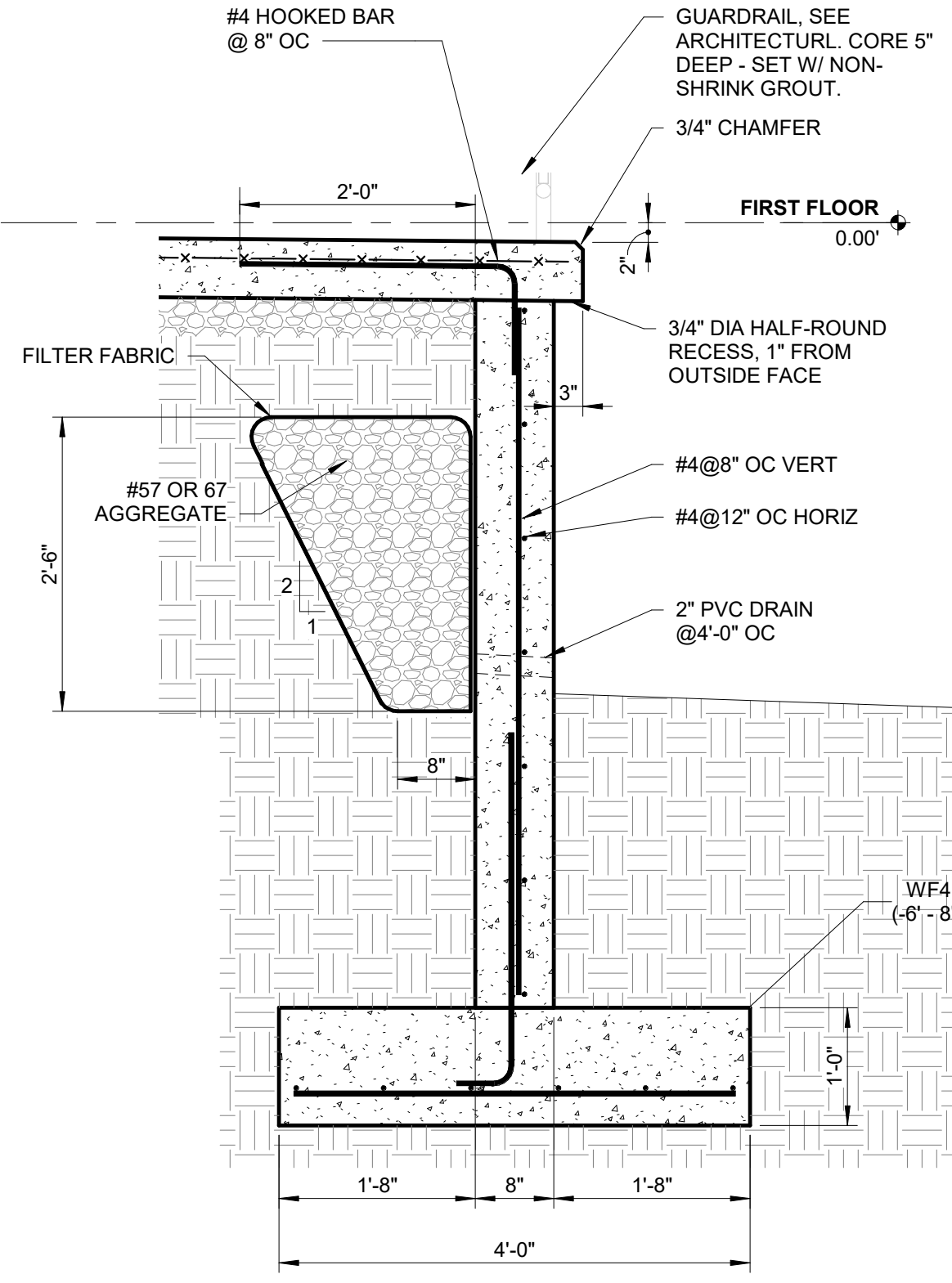
3 WALL EXPANSION/CONSTRUCTION JOINT
S-501 SCALE: 3/4" = 1'-0"



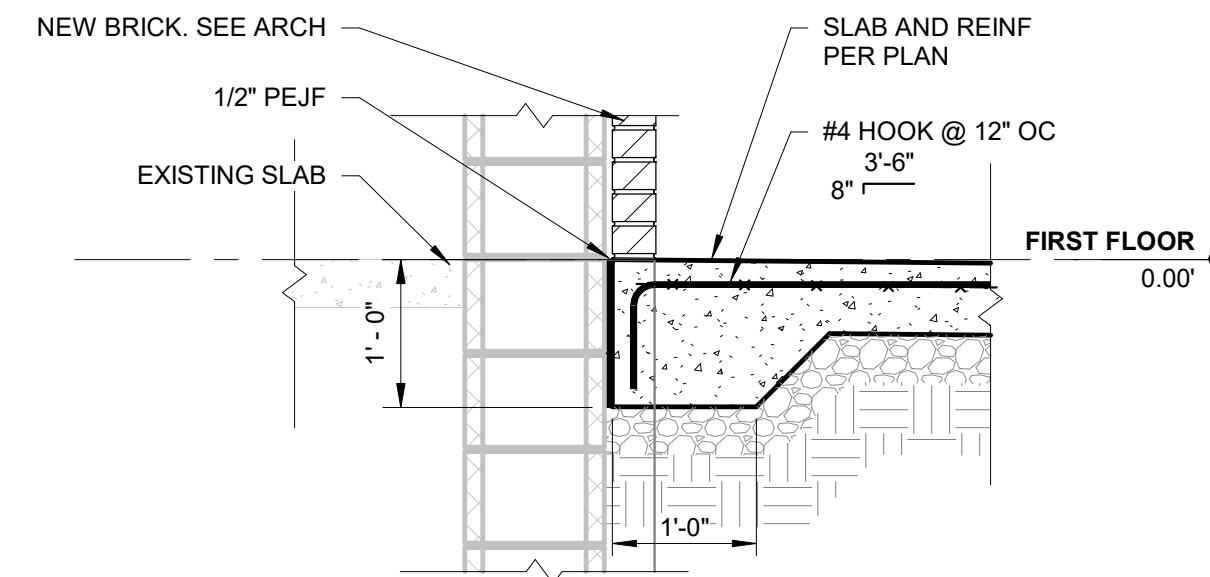
4 TYP SLAB CONSTRUCTION JOINT
S-501 SCALE: 3/4" = 1'-0"



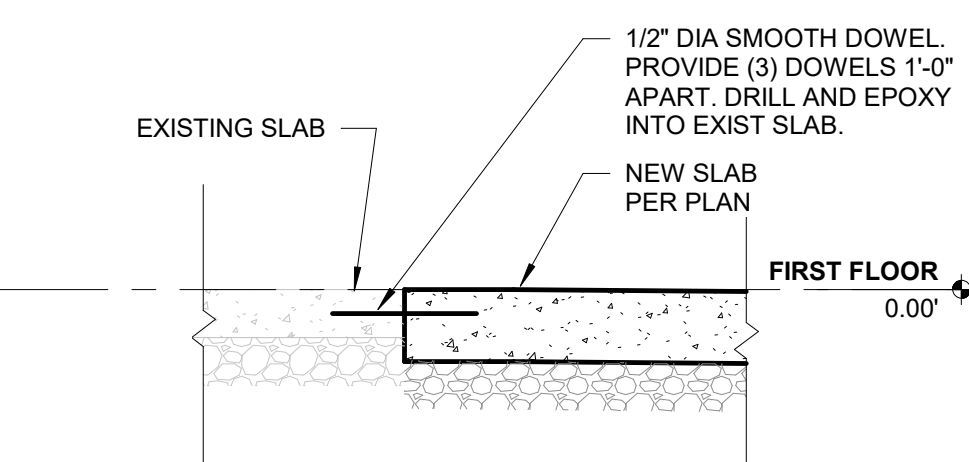
5 TYP FOOTING STEP DETAIL
S-501 SCALE: 1/4" = 1'-0"



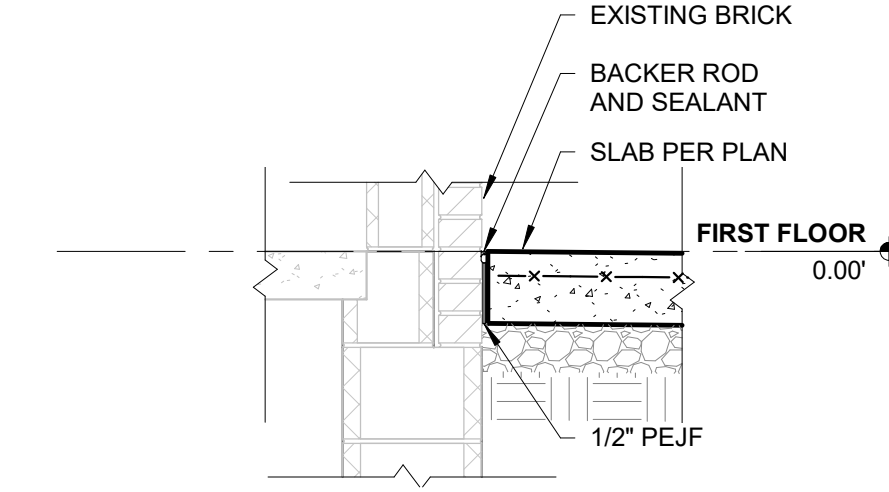
6 TYPICAL WALL SECTION
S-501 SCALE: 3/4" = 1'-0"



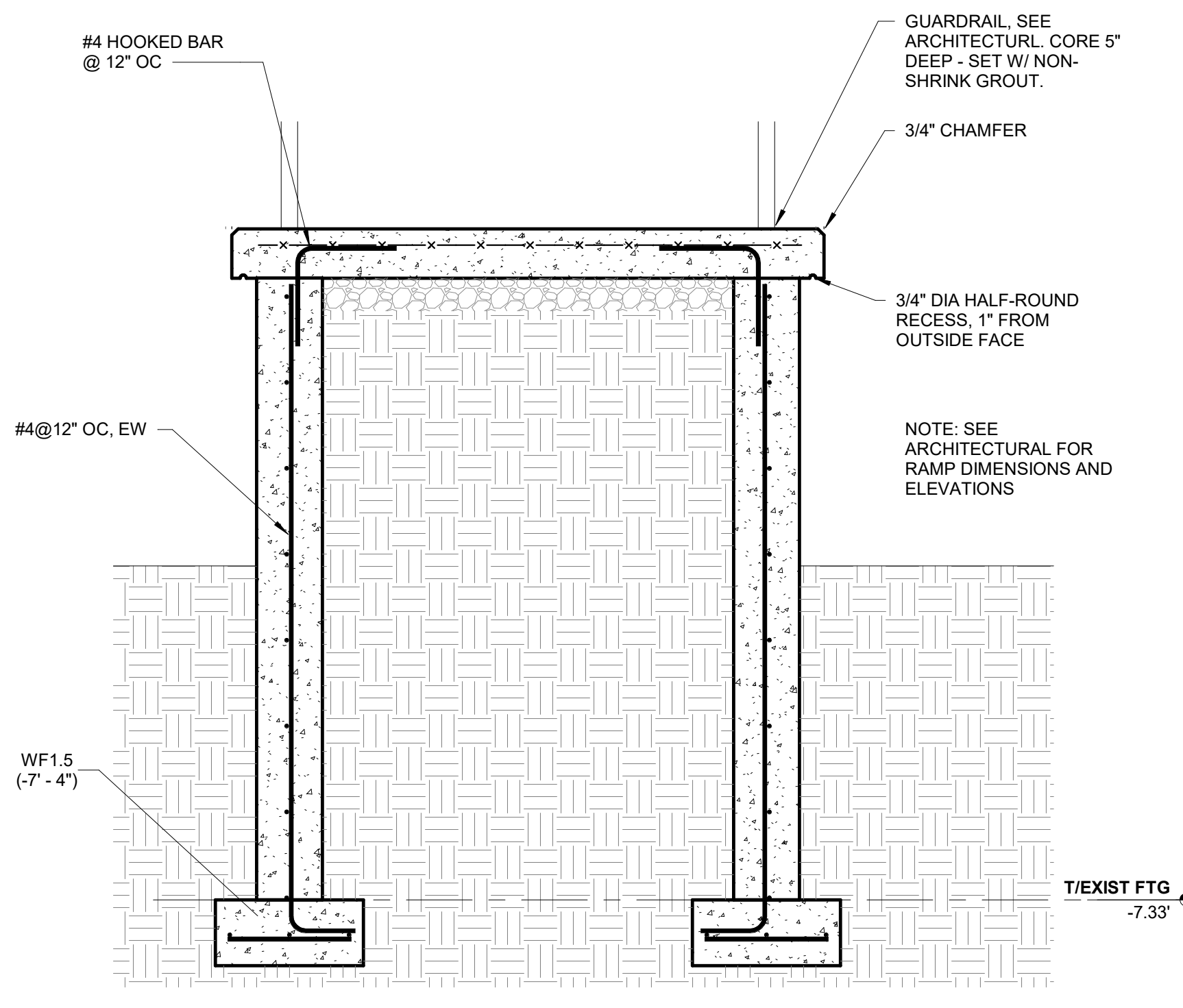
7 SLAB AT NEW BRICK
S-501 SCALE: 3/4" = 1'-0"



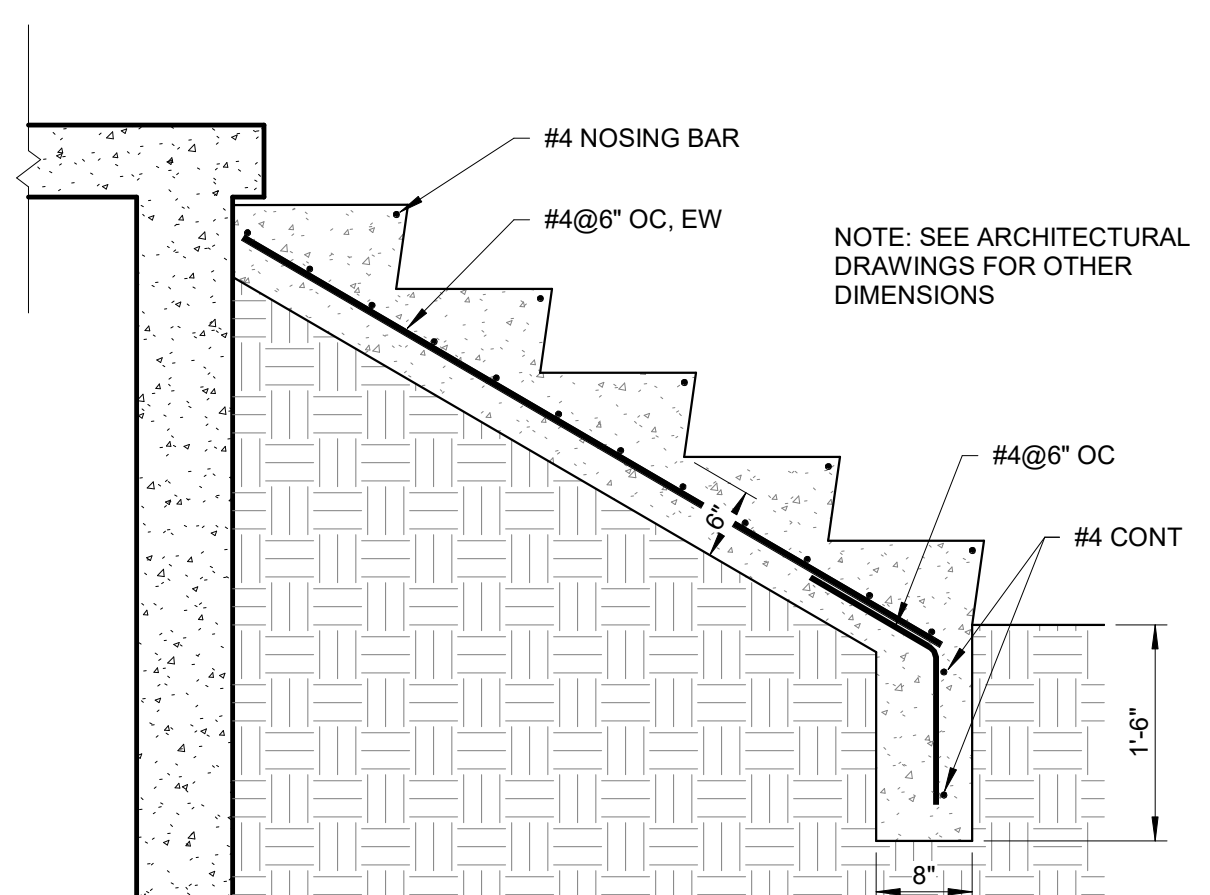
9 NEW SLAB AT EXIST DOOR
S-501 SCALE: 3/4" = 1'-0"



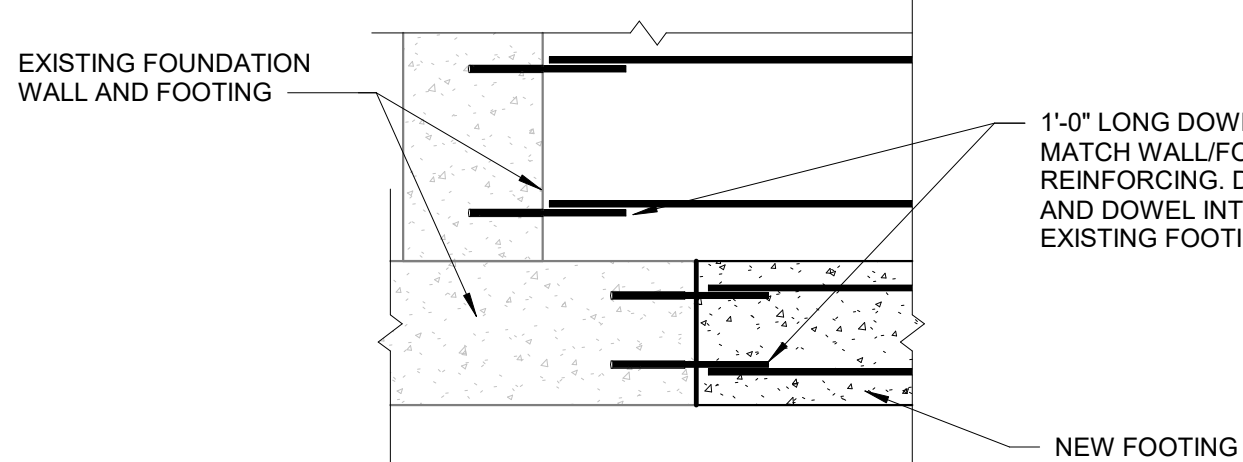
8 SLAB AT EXISTING BRICK
S-501 SCALE: 3/4" = 1'-0"



10 RAMP SECTION
S-501 SCALE: 3/4" = 1'-0"



11 STAIR SECTION
S-501 SCALE: 3/4" = 1'-0"



12 CONNECTION TO EXIST FOUNDATIONS
S-501 SCALE: 3/4" = 1'-0"

REV.	DR.	CHK.	DATE	DESCRIPTION
0	BCK.	BHW	02/22/2022	IFC