

East Point Housing Authority

E.P.H.A. OFFICE RENOVATION

3056 Norman Berry Dr, East Point, GA 30344

FINAL CONSTRUCTION DOCUMENTS / PERMIT SET
FOR CONSTRUCTION
06.04.2021



CIVIL DRAWING INDEX		
Sheet Number	Sheet Name	Sheet Issue Date
C-0	COVER	11/16/2020
C-1	EXISTING CONDITIONS	11/16/2020
C-2	DEMOLITION PLAN	11/16/2020
C-3	SITE PLAN	11/16/2020
C-4	GRADING AND EROSION CONTROL PLAN	11/16/2020

5

ARCHITECTURAL DRAWING INDEX		
Sheet Number	Sheet Name	Sheet Issue Date
T-000	COVER PAGE	06/04/2021
T-001	GENERAL INFORMATION	06/04/2021
T-002	ABBREVIATIONS & SYMBOLS	06/04/2021
T-003	MOUNTING HEIGHTS & CLEARANCES	06/04/2021
T-004	CODE REVIEW	06/04/2021
T-005	LIFE SAFETY PLAN & PARTITION SCHEDULE	06/04/2021
L-000	SITE SURVEY	06/04/2021
L-101	SITE PLAN	06/04/2021
EX-101	EXISTING - FLOOR PLANS	06/04/2021
EX-111	EXISTING - REFLECTED CEILING PLAN	06/04/2021
EX-200	EXISTING - BUILDING ELEVATIONS	06/04/2021
DM-101	DEMOLITION - FLOOR PLAN	06/04/2021
DM-111	DEMOLITION - REFLECTED CEILING PLAN	06/04/2021
A-101	GROUND FLOOR KEY PLAN	06/04/2021
A-102	ROOF PLAN	06/04/2021
A-111	REFLECTED CEILING KEY PLAN	06/04/2021
A-121	FINISH PLAN	06/04/2021
A-200	BUILDING ELEVATIONS	06/04/2021
A-301	ENLARGED FLOOR PLAN	06/04/2021
A-302	INTERIOR ELEVATIONS	06/04/2021
A-303	INTERIOR ELEVATIONS	06/04/2021
A-304	INTERIOR ELEVATIONS	06/04/2021
A-311	ENLARGED - REFLECTED CEILING PLAN	06/04/2021
A-400	WALL SECTIONS	06/04/2021
A-500	DOOR SCHEDULE & DETAILS	06/04/2021
A-501	WINDOW SCHEDULE, WINDOW & STOREFRONT DETAILS	06.04.2021
A-502	FLOOR, GLASS PANEL & MASONRY DETAILS	06/04/2021
A-503	CEILING DETAILS	06/04/2021
A-504	CEILING DETAILS	06/04/2021

29

STRUCTURAL DRAWING INDEX		
Sheet Number	Sheet Name	Sheet Issue Date
S-001	GENERAL NOTES	06/04/2021
S-002	GENERAL NOTES	06/04/2021
S-101	FOUNDATION PLAN	06/04/2021
S-102	ROOF PLAN	06/04/2021
S-301	TYPICAL FOUNDATION DETAILS	06/04/2021
S-302	TYPICAL FOUNDATION DETAILS	06/04/2021
S-401	MASONRY DETAILS	06/04/2021
S-402	MASONRY DETAILS	06/04/2021
S-501	TYPICAL STEEL DETAILS	06/04/2021

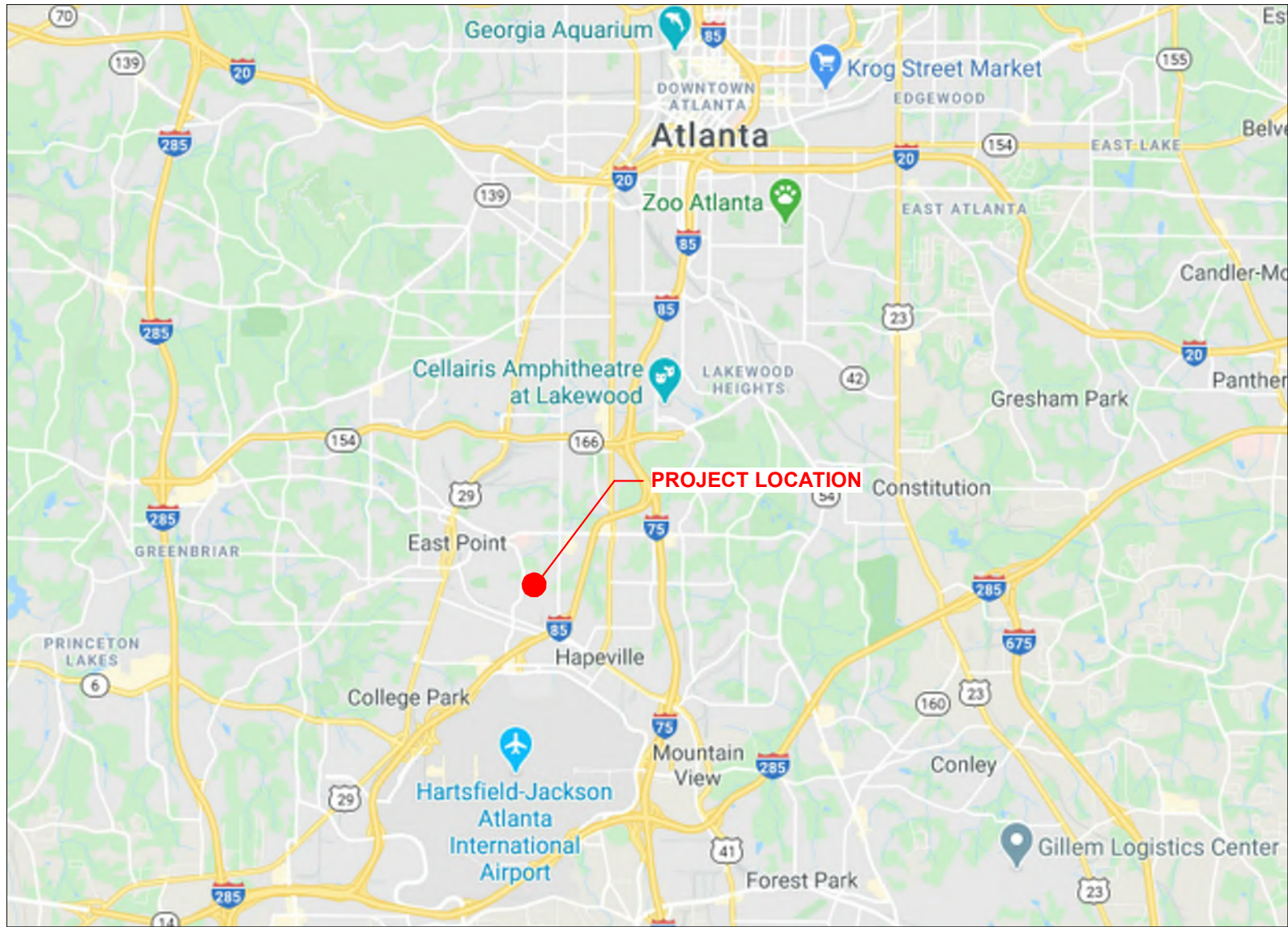
9

MEP DRAWING INDEX		
Sheet Number	Sheet Name	Sheet Issue Date
M-001	MECHANICAL GENERAL NOTES	06/04/2021
M-101	MECHANICAL FLOOR PLAN	06/04/2021
M-201	MECHANICAL SCHEDULE	06/04/2021
M-301	MECHANICAL DETAILS	06/04/2021
E-101	ELECTRICAL POWER PLAN	06/04/2021
E-102	ELECTRICAL LIGHTING PLAN	06/04/2021
E-201	ELECTRICAL DETAILS, SCHEDULES & NOTES	06/04/2021
P-001	PLUMBING GENERAL NOTES & SCHEDULE	06/04/2021
P-101	PLUMBING PLAN	06/04/2021
P-201	PLUMBING DETAILS	06/04/2021

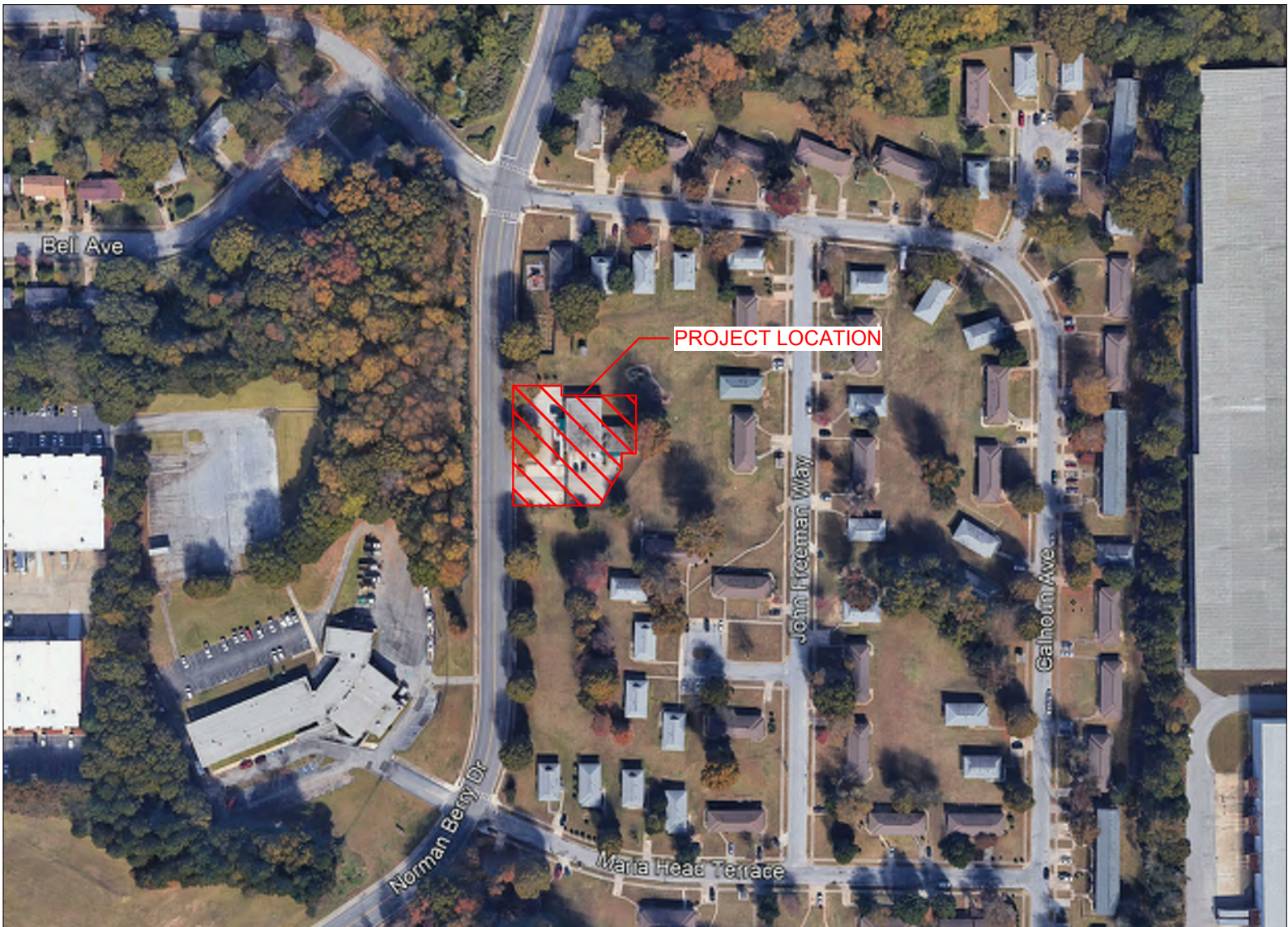
10



SITE MAP:



LOCATION MAP:



PROJECT CONTACTS:

OWNER:	
EAST POINT HOUSING AUTHORITY	
ADDRESS:	3056 NORMAN BERRY DR, EAST POINT, GA 30344
CONTACT: DEBRA STEPHENS	
PHONE:	404.768.0078 ext. 120
EMAIL:	dstephens@eastpointha.org
WEBSITE:	www.eastpointha.org
ARCHITECT:	
STUDIO H ARCHITECTURE PLANNING ENVIRONMENTS	
ADDRESS:	364 NELSON ST. SW, SUITE #5 ATLANTA, GA. 30313
CONTACT: MARK HILL	
PHONE:	404.487.6043 ext.701
EMAIL:	mhill@studiohshape.com
WEBSITE:	www.studiohshape.com
MEP ENGINEER:	
HAMMOND & ASSOCIATES CONSULTING ENGINEERS, INC.	
ADDRESS:	6961 Peachtree Industrial Blvd, Suite 208 Norcross, Georgia 30092
CONTACT: NATHAN HAMMOND	
PHONE:	404.769.6636
EMAIL:	nathanh@hammondengineers.com
WEBSITE:	www.hammondengineers.com
STRUCTURAL ENGINEER:	
SYKES CONSULTING, INC.	
ADDRESS:	1175 Peachtree Street, Atlanta, GA, 30361
CONTACT: MARTIN KIGUDE	
PHONE:	404.249.1536 ext.222
EMAIL:	mkigudde@sykes-consulting.com
WEBSITE:	www.sykes-consulting.com

PROJECT DESCRIPTION:

THE SCOPE OF THE WORK INCLUDES INTERIOR ALTERATIONS OF PORTIONS OF THE EXISTING BUILDING AS WELL AS AN ADDITION TO THE BUILDING. THE EXISTING STRUCTURAL FRAMING WILL REMAIN, EXISTING INTERIOR PARTITIONS WILL REMAIN OR BE REPLACED AS NEEDED. EXISTING ROOF INSULATION AND MEMBRANE WILL BE REPLACED. EXISTING PLUMBING, MECHANICAL AND ELECTRICAL SYSTEMS WILL REMAIN. NEW OFFICE & STORAGE SPACE WILL BE HOUSED IN THE ADDITION, WHICH WILL ALSO HAVE A NEW EXTERIOR DECK. NEW MECHANICAL ELECTRICAL, & PLUMBING SYSTEMS WILL BE ADDED TO ACCOMMODATE THE ADDITION. A NEW STRUCTURAL SYSTEM WILL BE ADDED FOR THE ADDITION TO SUPPORT NEW WALLS & ROOF.	
CODE SUMMARY	
BUSINESS - GROUP B	
AREA:	
ALLOWABLE AREA: N / A	
ACTUAL AREA:	
OVERALL BUILDING	7,042 SQ FT
EXISTING	5,321 SQ FT
ADDITION	1,721 SQ FT
SEE BUILDING SUMMARY FOR BREAKDOWN	
STORIES:	
ALLOWABLE	N/A
ACTUAL	1
FIRE PROTECTION REQUIREMENTS:	
NO SPRINKLERS REQ	

APPLICABLE CODES:

THE PROJECT IS BEING DESIGNED BASED ON RECONFIGURATION, ALT. LEVEL 2, OF THE IEBC & NEW CONSTRUCTION TO COMPLY WITH THE IBC. ALL WORK SHALL CONFORM TO ALL APPLICABLE CODES, STANDARDS AND GOVERNING AUTHORITIES, INCLUDING BUT NOT LIMITED TO:	
BUILDING:	INTERNATIONAL BUILDING CODE (IBC), 2018 EDITION, WITH GEORGIA AMENDMENTS (2012) (2014) (2015) (2017)
	INTERNATIONAL EXISTING BUILDING CODE (IEBC): 2018 EDITION, WITH GEORGIA AMENDMENTS (2012)(2014)(2015)(2017)
LIFE SAFETY:	2018 NFPA 101 - LIFE SAFETY CODE WITH STATE AMENDMENTS (2012)
FIRE PREVENTION:	INTERNATIONAL FIRE CODE (IFC), 2018 EDITION, WITH GEORGIA AMENDMENTS (2012) (2014) (2015)
MECHANICAL:	INTERNATIONAL MECHANICAL CODE (IMC), 2018 EDITION, WITH GEORGIA AMENDMENTS (2012) (2014) (2015)
PLUMBING:	INTERNATIONAL PLUMBING CODE (IPC), 2018 EDITION, WITH GEORGIA AMENDMENTS (2012) (2014) (2015)
ELECTRICAL:	NATIONAL ELECTRICAL CODE (NFPA 70): 2017 EDITION, WITH NO GEORGIA AMENDMENTS (EFFECTIVE 1/1/2018)
GAS:	INTERNATIONAL FUEL GAS CODE (IFGC), 2018 EDITION, WITH GEORGIA AMENDMENTS (2012) (2014) (2015)
ENERGY:	INTERNATIONAL ENERGY CONSERVATION CODE (IECC), 2015 EDITION, WITH GEORGIA AMENDMENTS (2011) (2012)
HANDICAP & ACCESSIBILITY:	120-3-20A GEORGIA STATE ACCESS TO AND USE OF PUBLIC FACILITIES FOR HANDICAPPED PERSONS-REFERS TO 2010 ADA STANDARDS; OCGA TITLE 30, CHAPTER 3

PROJECT NUMBER: 202005.01 PROJECT NAME: E.P.H.A. OFFICE RENOVATION
SHEET NUMBER: T-001 - GENERAL INFORMATION
C:\Users\SHAPE_T\Documents\R19_EPHA Office Renovation_Central_dsparkmanXM6Q2.rvt
6/4/2021 6:50:29 PM

DIVISION 01 - GENERAL REQUIREMENTS

- 1.01

WHEN THE WORD "PROVIDE" IS USED, IT MEANS TO PROVIDE AND INSTALL PER ALL MANUFACTURER'S SPECIFICATIONS, INDUSTRY STANDARDS, AND LOCAL CODES.
- 1.02

ALL CODES HAVING JURISDICTION SHALL BE STRICTLY ADHERED TO IN THE CONSTRUCTION OF THIS PROJECT, INCLUDING ALL APPLICABLE STATE, CITY, AND COUNTY BUILDING, ZONING, ELECTRICAL, MECHANICAL, PLUMBING, AND FIRE CODES. THE GENERAL CONTRACTOR SHALL VERIFY ALL CODE REQUIREMENTS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND CONVEY ANY AND ALL DISCREPANCIES BETWEEN CODE REQUIREMENTS AND THE CONSTRUCTION DOCUMENTS TO THE ATTENTION OF THE ARCHITECT FOR APPROPRIATE RESOLUTION.
- 1.03

ALL WORK SHALL BE PERFORMED WITH THE HIGHEST DEGREE OF WORKMANSHIP. ALL MANUFACTURED COMPONENTS ARE TO BE INSTALLED PER THE MANUFACTURER'S INSTRUCTIONS AND WARRANTY REQUIREMENTS, APPLICABLE LAWS AND CODES, AND THE HIGHEST INDUSTRY-ACCEPTED STANDARDS. THE MOST STRINGENT STANDARD THAT DOES NOT VIOLATE ANOTHER STANDARD SHALL APPLY. THE SUBCONTRACTOR SHALL NOTIFY THE GENERAL CONTRACTOR OF ANY CONFLICT BETWEEN THOSE STANDARDS OR BETWEEN THOSE STANDARDS AND THE CONSTRUCTION DOCUMENTS. THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT FOR DETERMINATION OF AN ACCEPTABLE RESOLUTION.
- 1.04

THE CONTRACTOR MUST BE EXPERIENCED IN ALL OF THE PROJECTS TYPES OF INSTALLATION. NO ALLOWANCES WILL BE MADE AFTER THE BID FOR FAILURE TO PROVIDE INSTALLATION PER NATIONAL AND LOCAL CODES.
- 1.05

THE CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FURNISHED UNDER THIS CONTRACT FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE OF WORK FOR THIS CONTRACT BY THE OWNER AND THE ARCHITECT. ANY DEFECTS DEVELOPING WITHIN THIS PERIOD TRACEABLE TO MATERIALS OR WORKMANSHIP PERFORMED HEREUNDER, SHALL BE MADE GOOD AT THE EXPENSE OF THE CONTRACTOR, NOT THE OWNER. THE CONTRACTOR SHALL ACCEPT AND FULLY UNDERSTAND THIS PROVISION PRIOR TO THE CONTRACT BEING AWARDED. AS NO CLAIM FOR EXTRA COMPENSATION WILL BE ALLOWED FOR CORRECTION OF FAULTY WORK OR DEFECTIVE MATERIALS. DURING THE CONSTRUCTION PERIOD THE OWNER'S REPRESENTATIVES AND THE ENGINEER RETAIN THE RIGHT TO REQUIRE THE CONTRACTOR TO REMOVE AND REINSTALL ANY EQUIPMENT OR MATERIALS NOT FOLLOWING THE STANDARDS AS PRESENTED HEREIN OR ON THE DRAWINGS WITHOUT COST TO THE OWNER OR ENGINEER.
- 1.06

THE GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD SUFFICIENTLY IN ADVANCE OF RELATED WORK TO BE PERFORMED TO ASSURE ORDERLY PROGRESS OF CONSTRUCTION. SUBCONTRACTORS SHALL NOTIFY THE GENERAL CONTRACTOR OF ANY DISCREPANCIES OR OMISSIONS IN THE CONSTRUCTION DOCUMENTS. THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT AND OBTAIN WRITTEN INSTRUCTIONS PERTAINING TO SUCH WORK BEFORE PROCEEDING WITH RELATED CONSTRUCTION.
- 1.07

THE ARCHITECT CERTIFIES TO THE ACCURACY OF THE ARCHITECT'S DESIGN ELEMENTS AND THE DIMENSIONS REFLECTED IN THESE DRAWINGS. THE ARCHITECT IS NOT RESPONSIBLE FOR ANY CHANGES TO THE DRAWINGS BY THE OWNER AND/OR OWNER'S AGENT(S) WHICH ALTER THE ARCHITECT'S DESIGN INTENT AND/OR THE DIMENSIONS INDICATED HEREIN. THE ARCHITECT SHALL BE PROMPTLY NOTIFIED IN WRITING OF ANY SUCH CHANGES AND/OR ADDITIONS
- 1.08

DIMENSIONS ARE TO FACE OF *FINISH*, FACE OF CMU, CENTERLINE (<) OF FENESTRATION, OR TO STRUCTURAL LINES UNLESS OTHERWISE NOTED. OPENINGS IN MASONRY CONSTRUCTION ARE INDICATED BY "M.O." AND DIMENSIONS TO STRUCTURAL LINES ARE INDICATED BY THE CENTERLINE SYMBOL (<).
- 1.09

DO NOT SCALE DRAWINGS. DIMENSIONS SHOWN SHALL GOVERN THE WORK. THE GENERAL CONTRACTOR SHALL CONFIRM WITH THE ARCHITECT ANY DIMENSIONS THAT CONFLICT OR THAT CANNOT BE DETERMINED BY THE INFORMATION GIVEN IN THESE DRAWINGS.
- 1.10

NO CHANGES, MODIFICATIONS, OR DEVIATIONS SHALL BE MADE FROM THE DRAWINGS OR SPECIFICATIONS WITHOUT FIRST SECURING WRITTEN PERMISSION FROM THE ARCHITECT.
- 1.11

DEVIATIONS FROM THE CONTRACT DOCUMENTS AND LOCATIONS OF CONCEALED COMPONENTS SHALL BE NOTED ON A RECORD SET OF DRAWINGS BY THE CONTRACTOR AND PROVIDED TO THE OWNER UPON COMPLETION OF THE PROJECT.
- 1.12

DETAIL AND SECTION DRAWINGS ARE SHOWN AT SPECIFIC LOCATIONS AND ARE INTENDED TO SHOW GENERAL REQUIREMENTS THROUGHOUT. DETAILS NOTED AS TYPICAL IMPLY ALL SIMILAR CONDITIONS ARE TO BE CONSTRUCTED IN A SIMILAR MANNER.
- 1.13

CONTRACTORS ARE RESPONSIBLE FOR REVIEWING ENTIRE SET OF DOCUMENTS FOR ITEMS RELATED TO THEIR WORK.
- 1.14

WHEN A SYSTEM OR ASSEMBLY IS CALLED OUT, ALL NECESSARY PARTS AND MATERIALS REQUIRED FOR A COMPLETE SYSTEM SHALL BE ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
- 1.15

IT IS THE INTENT OF THESE CONTRACT DOCUMENTS TO DEFINE A COMPLETE FINISHED FACILITY. ANY MATERIAL, SYSTEM, EQUIPMENT, OR ASSEMBLY WHICH NORMALLY WOULD BE REQUIRED SHALL BE PROVIDED AS IF SPECIFICALLY NOTED.
- 1.16

THE DESIGN TEAM SHALL MAKE EVERY EFFORT TO REVIEW AND RETURN REQUEST FOR INFORMATION (RFI) TO THE CONTRACTOR IN A TIMELY FASHION. INDUSTRY STANDARD IS FIVE (5) BUSINESS DAYS FOR RFIS.
A. CONTRACTOR SHALL REVIEW, COMMENT, AND APPROVE ALL SUBCONTRACTORS SHOP DRAWINGS FOR COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS BEFORE SUBMISSION TO THE ARCHITECT. THE ARCHITECT RESERVES THE RIGHT TO RETURN SHOP DRAWINGS TO THE CONTRACTOR THAT HAVE NOT BEEN CONTRACTOR REVIEWED.

B. ONE (1) DIGITAL PDF WITH CONTRACTOR COMMENTS SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW. DIGITAL PDFS MUST CONTAIN SUBCONTRACTOR ENGINEERING SEAL AND SIGNATURE, IF APPLICABLE.
- 1.17

THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PAYING WATER AND SEWER TAP FEES, BUILDING PERMIT AND FIRE IMPACT FEES, LICENSES, TRASH REMOVAL, TEMPORARY UTILITIES, AND BUILDERS' RISK INSURANCE.
- 1.18

THE OWNER SHALL BE RESPONSIBLE FOR PAYING ALL SURVEYS AND ELEVATION CERTIFICATES, ARCHITECTURAL REVIEW BOARD FEES, AND WATER & SEWER IMPACT FEES, IF APPLICABLE.

DIVISION 02- EXISTING CONDITIONS / SITE WORK

- 2.01

DISRUPTED EXISTING CONDITIONS, SUCH AS LANDSCAPING, LIGHTING, IRRIGATION, PEDESTRIAN AND VEHICLE ACCESS, SHOULD BE MINIMALLY REPLACED AT THE END OF CONSTRUCTION TO THE SAME CONDITIONS PRIOR TO CONSTRUCTION DISRUPTION.
- 2.02

THE CONTRACTOR SHALL VISIT THE JOB SITE AND BECOME FAMILIARIZED WITH ALL EXISTING CONDITIONS WHICH MAY AFFECT THE BID. NO ALLOWANCE WILL BE MADE AFTER THE BID FOR EXISTING CONDITIONS OR THE CONTRACTOR'S FAILURE TO VERIFY EXISTING CONDITIONS.
- 2.03

THE CONTRACTOR SHALL PROVIDE ALL SITE REMEDIATION, SITE DEMOLITION, EARTHWORK, UTILITIES, TEMPORARY BARRICADES, TEMPORARY ROADWAYS, STREET CLEANING, SITE CLEAN-UP, AND SITE IMPROVEMENTS REQUIRED FOR THE PROJECT. SEE CIVIL DRAWINGS.

DIVISION 03- CONCRETE

- 3.01

THE CONTRACTOR SHALL PROVIDE ALL NECESSARY FOOTING WORK, SLAB-ON-GRADE AREAS, INTERIOR CONCRETE CURB, AND MISCELLANEOUS CONCRETE REQUIRED FOR THE PROJECT.
- 3.02

CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301.
- 3.03

CONCRETE MIXING, TRANSPORTING, PLACING, AND CURING SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS OF ACI 301. READY-MIXED CONCRETE SHALL BE MIXED AND DELIVERED IN ACCORDANCE WITH REQUIREMENTS OF ASTM C685.
- 3.04

SAMPLES FOR STRENGTH TEST SHALL BE TAKEN IN ACCORDANCE WITH ASTM C172.
- 3.05

ALL EQUIPMENT FOR MIXING AND TRANSPORTING CONCRETE SHALL BE CLEAN. ALL DEBRIS, WATER, AND ICE SHALL BE REMOVED PRIOR TO PLACING CONCRETE. FORMS SHALL BE PROPERLY COATED. MASONRY FILLER UNITS THAT WILL BE IN CONTACT WITH CONCRETE SHALL BE WELL DRENCHED. REINFORCEMENT SHALL BE CLEAN OF ICE OR OTHER DELETERIOUS COATING. ALL LAITANCE AND OTHER UNSOUND MATERIAL SHALL BE REMOVED BEFORE ADDITIONAL CONCRETE IS PLACED AGAINST HARDENED CONCRETE.
- 3.06

UNLESS OTHERWISE NOTED IN STRUCTURAL DRAWINGS, PROVIDE VERTICAL CONTROL JOINTS IN STEP WALLS AND RETAINING WALLS @ 25'-0" O.C. MAXIMUM.
- 3.07

SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.

DIVISION 04 - MASONRY

- 4.01

THE CONTRACTOR SHALL PROVIDE ALL NECESSARY STRUCTURAL AND VENEER MASONRY REQUIRED FOR THE PROJECT.
- 4.02

THE CONSTRUCTION OF MASONRY ELEMENTS SHALL CONFORM TO THE REQUIREMENTS OUTLINED IN ACI 530 AND ACI 530.1.
- 4.03

CONCRETE MASONRY UNITS (CMU), SHALL BE LIGHT WEIGHT CONFORMING TO THE LATEST EDITION OF ASTM C90. BLOCK MASONRY SHALL HAVE A MINIMUM PRISM STRENGTH (F'm) OF 1500 PSI UNLESS OTHERWISE NOTED ON STRUCTURAL DRAWINGS
- 4.04

BRICK VENEER UNIT COLOR, SIZE, FACE, AND JOINTING SHALL MATCH EXISTING BRICK VENEER UNIT.
- 4.05

UNLESS OTHERWISE NOTED ON STRUCTURAL DRAWINGS, MORTAR SHALL BE TYPE "S" WITH A MINIMUM 28-DAY COMPRESSION STRENGTH OF 2100 PSI. MORTAR SHALL BE PROPORTIONED IN ACCORDANCE WITH ASTM C270. ES SHALL BE PROVIDED PER CONSTRUCTION DRAWINGS.
- 4.06

GROUT FOR MASONRY SHALL CONFORM TO ASTM C476. AGGREGATE FOR GROUT SHALL CONFORM TO ASTM C404. (GROUT MIX SHALL BE 1 PART PORTLAND CEMENT TO 2.5 PARTS SAND WITH ENOUGH WATER TO PRODUCE SLUMP BETWEEN 6 AND 8 INCHES.
- 4.07

UNLESS OTHERWISE NOTED ON STRUCTURAL DRAWINGS, CONSTRUCT MASONRY WALLS WITH 9 GAGE, TRUSS TYPE, GALVANIZED WIRE JOINT REINFORCEMENT AT EVERY OTHER COURSE.
- 4.08

REINFORCING BARS SHALL BE DEFORMED STEEL BARS CONFORMING TO ASTM A615 (GRADE 60).
- 4.09

MASONRY ACCESSORIES SHALL BE BY HB, HECKMAN, DUR-Q-WAL, OR EQUAL.
- 4.10

THE CONTRACTOR SHALL PROVIDE ADJUSTABLE GALVANIZED WALL TILES PER CODE, PLASTIC CELL VENT WEEPS AT 24" O.C. AT ALL THRU-WALL FLASHING, AND MORTAR NET AT THRU-WALL FLASHING.
- 4.11

THE CONTRACTOR SHALL PROVIDE NEOPRENE EXPANSION AND CONTROL JOINTS WHERE INDICATED ON DRAWINGS.

DIVISION 06 - WOOD, PLASTICS AND COMPOSITES

- 6.01

THE CONTRACTOR SHALL PROVIDE ALL NECESSARY ROUGH AND FINISH CARPENTRY FOR THE PROJECT.
- 6.02

ALL WOOD IN CONTACT WITH MASONRY, CONCRETE, OR STEEL SHALL BE PRESSURE TREATED PER AWPFA STANDARD C1, C2, C3, C4, C9, C14, C15, C16, C22, C23, C24, C28, C31, C33, AND M4.
- 6.03

PROVIDE 5/8" FIRE-TREATED PLYWOOD BLOCKING AT ALL WALL MOUNTED ELECTRICAL FIXTURES, GRAB BARS, HANDRAILS, ETC. WHEN INSTALLED ON NON-CMU WALLS.
- 6.04

FIRE-TREATED WOOD SHALL MEET ASTM E 84, A LISTED FLAME SPREAD INDEX OF 25 OR LESS AND SHOW NO EVIDENCE OF SIGNIFICANT PROGRESSIVE COMBUSTION WHEN THE TEST IS CONTINUED FOR AN ADDITIONAL 20-MINUTE PERIOD.
- 6.05

THE CONTRACTOR SHALL PROVIDE ALL NEW CASEMENT WORK AND COUNTERTOPS. THESE SHALL BE BY THE ARCHITECT'S SELECTION. STANDARD COLORS SHALL BE SUBMITTED TO THE OWNER FOR COLOR SELECTION.
- 6.06

THE CONTRACTOR SHALL PROVIDE ALL NECESSARY FIBER CEMENT SIDING. FIBER CEMENT SHALL BE BY HARDIE. STANDARD COLORS SHALL BE SUBMITTED TO THE OWNER FOR COLOR SELECTION.

DIVISION 07 - THERMAL AND MOISTURE PROTECTION

- 7.01

THE CONTRACTOR SHALL PROVIDE ALL NECESSARY WATERPROOFING, FLASHING SYSTEMS, THERMAL INSULATION, AND ACOUSTICAL INSULATION REQUIRED FOR COMPLETION OF THE PROJECT.
- 7.02

THE CONTRACTOR SHALL INSTALL CAULKING, SEALANT, AND BACKER ROD REQUIRED FOR THE BUILDING. PROPER CAULK JOINT DIMENSIONS SHALL BE 1/2" BY 3/8".
- 7.03

FABRICATED SHEET METAL FLASHING AND TRIM FOR THE PROJECT SHALL COMPLY WITH RECOMMENDATIONS OF SMACNA'S ARCHITECTURAL SHEET METAL MANUAL THAT APPLY TO THE DESIGN, DIMENSIONS, METAL, AND OTHER CHARACTERISTICS OF THE ITEMS INDICATED BELOW:

DIVISION 08 - OPENINGS

- 8.01

THE CONTRACTOR SHALL PROVIDE ALL INTERIOR AND EXTERIOR WINDOWS AND DOORS REQUIRED FOR THE PROJECT. SEE THE ARCHITECTURAL DRAWINGS FOR WINDOW AND DOORS SPECIFICATIONS.

DIVISION 09 - FINISHES

- 9.01

THE CONTRACTOR SHALL PROVIDE ALL FINISHES REQUIRED FOR COMPLETION OF THE PROJECT. SEE THE FINISH NOTES FOR ADDITIONAL INFORMATION.
- 9.02

SEE RATED WALL ASSEMBLIES FOR GYPSUM BOARD REQUIREMENTS.
- 9.03

INTERIOR FINISH MATERIALS SHALL BE APPLIED OR OTHERWISE FASTENED IN SUCH A MANNER THAT SUCH MATERIALS WILL NOT READILY BECOME DETACHED WHERE SUBJECTED TO ROOM TEMPERATURES OF 200 DEGREES FAHRENHEIT FOR NOT LESS THAN 30 MINUTES.
- 9.04

PAINT SHALL BE APPLIED AT A MINIMUM OF ONE (1) PRIMER COAT AND TWO (2) FINISH COATS. SEE FINISH SCHEDULE FOR LOCATIONS OF PAINTED AREAS, WALLS AND CEILING SHALL HAVE FLAT PAINT UNLESS OTHERWISE NOTED. MOLDINGS AND TRIMS SHALL HAVE SEMI-GLOSS UNLESS OTHERWISE NOTED. ARCHITECT AND OWNER TO DETERMINE COLORS.



STUDIO H ARCHITECTURE • PLANNING • ENVIRONMENTS
364 NELSON ST. SW, SUITE #5 • ATLANTA, GA 30313

PERMIT SET
ISSUED FOR CONSTRUCTION

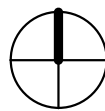
ISSUANCES		
No.	Drawing Issue Description	Date
	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs / PERMIT SET	06/04/2021

FINAL CONSTRUCTION
DOCUMENTS

E.P.H.A. OFFICE
RENOVATION

3056 Norman Berry Dr, East Point, GA 30344

GENERAL INFORMATION



D.S., C.R., B.A.	202005.01
Drawn By	Project No.
M.HILL	06/04/2021
Approved By	Date



T-001

Drawing No.

PROJECT NUMBER: 202005.01 PROJECT NAME: E.P.H.A. OFFICE RENOVATION

SHEET NUMBER: T-002 - ABBREVIATIONS & SYMBOLS

C:\Users\SHAPE_T\CH7\Documents\R19_EPHA Office Renovation_Central_dsparkmanXM6Q2.rvt

6/4/2021 6:50:31 PM

ABBREVIATIONS

AB	ANCHOR BOLT
ABR	ABRASIVE
ABV	ABOVE
AC	ACOUSTIC/ACOUSTICAL
A/C	AIR CONDITIONING
ACC	ACCESS
ACQ	AIR CONDITIONING UNIT
ADD	ADDENDUM
ADDN	ADDITION
ADDNL	ADDITIONAL
ADH	ADHESIVE
ADJ	ADJUSTABLE
AFF	ABOVE FINISH FLOOR
AGGR	AGGREGATE
AHU	AIR HANDLING UNIT
ALM	ALTERNATE
ALUM/AL	ALUMINUM
AMP	AMPERE
AMT	AMOUNT
ANCH	ANCHOR
&	AND
ANOD	ANODIZED
AP	ACCESS PANEL
APPD	APPROVED
APPROX	APPROXIMATE
ARCH	ARCHITECT/ARCHITECTURAL
ASPH	ASPHALT
ASSY	ASSEMBLY
@	AT
AUTO	AUTOMATIC
AVG	AVERAGE
B/B	BACK TO BACK
BBD	BULLETIN BOARD
BD	BOARD
BETW	BETWEEN
BF	BARRIER FREE
BIT	BITUMINOUS
BJF	BITUMINOUS JOINT FILLER
BLDG	BUILDING
BLK	BLOCK/BLOCKING
BLVD	BOULEVARD
BM	BEAM/BENCHMARK
BOT	BOTTOM
BPL	BASE PLATE
BR	BEDROOM/BRASS/BULLET RESISTANT
BRG	BEARING
BRK	BRICK
BRL	BEARING PLATE
BS	BOTH SIDES
BSMT	BASEMENT
BTU	BRITISH THERMAL UNIT
BULL	BULLETIN
BUR	BUILT-UP ROOF
BW	BOTH WAYS
CA	COMPRESSED AIR
CAB	CABINET
CAT	CATALOG NUMBER
CB	CATCH BASIN/CHALKBOARD
C/C	CENTER TO CENTER
CCTV	CLOSED CIRCUIT TELEVISION
CEM	CEMENT
CF	CUBIC FEET
CFL	COUNTER FLASHING
CFM	CUBIC FEET PER MINUTE
CG	CORNER GUARD
CH	COAT HOOK
CI	CAST IRON
CIP	CAST IRON PIPE/CAST IN PLACE
CIR	CIRCLE/CIRCULAR
CJ	CONTROL JOINT
CL	CENTERLINE/CLASS
CLG	CEILING
CLL	CONTRACT LIMIT LINE
CLOS	CLOSET
CLR	CLEAR
CNU	CONCRETE MASONRY UNIT
CNL	CHANNEL
CNTR	COUNTER
CO	CLEAN OUT/COMPANY
COL	COLUMN
COMP	COMPOSITION/COMPOSITE
CONC	CONCRETE
COND	CONDUIT
CONF	CONFERENCE
CONN	CONNECTION
CONSTR	CONSTRUCTION
CONT	CONTINUE/CONTINUOUS
CONTR	CONTRACTOR
CORR	CORRIDOR/CORRUGATED
CP	CONTROL PANEL
CPL	CEMENT PLASTER
CPL	COUNTERSINK
CTR	CENTER/CENTERED
CUH	CABINET UNIT HEATER
CW	COLD WATER
CY	CUBIC YARD
CYC	CYCLES
CYL	CYLINDER
D	DEEP/DEPTH
DA	DOUBLE ACTING
DB	DECIBEL
DBL	DOUBLE
DES	DESIGN
DET	DETAIL
DF	DRINKING FOUNTAIN
DH	DOUBLE HUNG
DIA	DIAMETER
DIAG	DIAGONAL
DIFF	DIFFUSER
DIM	DIMENSION
DISC	DISCONNECT
DISP	DISPENSER/DISPOSAL
DIV	DIVIDER/DIVISION
DL	DEAD LOAD
DN	DOWN
DNO	DITTO
DP	DAMP-PROOFING
DR	DOOR/DRAIN/DINING ROOM
DRN	DRAIN
DS	DOWN SPOUT
DT	DRAIN TILE
DUP	DUPLICATE
DW	DISHWASHER
DWG	DRAWING
E	EAST
EA	EACH
EB	EXPANSION BOLT
EC	ELECTRICAL CONTACTOR/EXPOSED CONSTRUCTION
E/E	END TO END
EFE	EACH END
EG	EACH FACE/EXHAUST FAN
EIFS	EXHAUST GRILLE
EJ	EXTERIOR INSULATION AND FINISH SYSTEM
EJF	EXPANSION JOINT
EJF/ELEV	EXPANSION JOINT FILLER
ELAST	ELEVATION/ELEVATOR
ELEC	ELASTOMERIC
	ELECTRIC/ELECTRICAL

EMER	EMERGENCY
ENCL	ENCLOSURE/ENCLOSED
ENTR	ENTRANCE/ENTRY
EP	ELECTRICAL PANEL
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EQ	EQUAL/EQUIVALENT
EQUIP	EQUIPMENT
EXHA	EXHAUST REGISTER
ESC	ESCALATOR
EST	ESTIMATE
ETC	ETCETERA
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EX	EXPOSED
EXC	EXCAVATED
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
ETR	EXISTING TO REMAIN
F	DEGREES FAHRENHEIT
FA	FIRE ALARM
FAB	FABRICATED
FACP	FIRE ALARM CONTROL PANEL
FAS	FASTENER
FD	FLOOR DRAIN
FDAPR	FIRE DAMPER
FDC	FIRE DEPARTMENT CONNECTION
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FECE	FIRE EXTINGUISHER CABINET
FF	FACTORY FINISH
F/F	FACE TO FACE/FINISH TO FINISH
FFE	FINISH FLOOR ELEVATION
FF&E	FIXTURES, FURNISHINGS AND EQUIPMENT
FH	FIRE HYDRANT
PHC	FIRE HOSE CABINET
FIG	FIGURE
FIN	FINISH/FINISHED
FIN FLR/FF	FINISH FLOOR
FIXT	FIXTURE
FLASH	FLASHING
FLG	FLOORING/FLASHING/FLANGE
FLR	FLOOR
FLUOR	FLUORESCENT
FPM	FEET PER MINUTE
FPR	FIREPROOF/FIREPROOFING
FR	FIRE RETARDANT
FRM	FRAME
FS	FULL SIZE
FT	FEET/FOOT
FTG	FOOTING
FTP	FULLY TEMPERED
FTR	FINNED TUBE RADIATION
FURN	FURNISH/FURNISHED
FURR	FURRING/FURRED
FUT	FUTURE
FVC	FIRE VALVE CABINET
FVS	FIRE VALVE STATION
G	GAS
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GENL	GENERAL
GF	GROUND FACE
GFRC	GLASS FIBER REINFORCED CONCRETE
GL	GLASS/GRID LINE
GND	GROUND
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GWB	GYP-SUM WALL BOARD
GYP	GYP-SUM
H	HIGH
HB	HOSE BIBB
HC	HOLLOW CORE
HD	HEAVY DUTY
HDWD	HARDWOOD
HDWE	HARDWARE
HEX	HEXAGON
HHWR	HEATING HOT WATER RETURN
HHWS	HEATING HOT WATER SUPPLY
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HP	HIGH POINT/HORSE POWER/HIGH PRESSURE
HR	HOUR
HS	HEAT STRENGTHENED
HT	HEIGHT
HTG	HEATING
HTR	HEATER
HV	HEATING AND VENTILATION
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
HVC	HOSE VALVE CABINET
HW	HOT WATER
HHW	HOT WATER HEATER
ID	IDENTIFICATION/INSIDE DIAMETER
IE	INVERT ELEVATION
IN or "	INCH/INCHES
INCAND	INCANDESCENT
INCL	INCLUDE/INCLUDING
INFO	INFORMATION
INSUL	INSULATE/INSULATION
INT	INTERIOR/INTERNAL
INTER	INTERMEDIATE
INV	INVERT
IS	INSIDE
JB	JUNCTION BOX/JOINT BACKER
JC	JANITOR CLOSET
JF	JOINT FILLER
JR	JUNIOR
JST	JOIST
JT	JOINT
K	KIP (1000#)
KD	KNOCK DOWN
KIT	KITCHEN
KO	KNOCK OUT
KP	KICK PLATE
LAB	LABORATORY
LAM	LAMINATE/LAMINATED
LAV	LAVATORY
LEV	LEVEL
LF	LINEAR FEET/FOOT
LG	LONG
LH	LEFT HAND
LHRB	LEFT HAND REVERSE BEVEL
LIN	LINEAR DIFFUSER
LL	LIVE LOAD
LH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LOC	LOCATION
LP	LIGHTING PANEL/LOW POINT
LSF	LIGHT GAUGE STEEL FRAMING
LT	LIGHT/LAUNDRY TRAY
LTG	LIGHTING
LV	LOW VOLTAGE
LW	LIGHT WEIGHT
LWC	LIGHT WEIGHT AGGREGATE CONCRETE

MACH	MACHINE
MAINT	MAINTENANCE
MASONRY	MASONRY
MATL	MATERIAL
MAU	MAKE-UP AIR UNIT
MAX	MAXIMUM
MC	MEDICINE CABINET/MECHANICAL CONTRACTOR
MCC	MOTOR CONTROL CENTER
MDOT	MICHIGAN DEPARTMENT OF TRANSPORTATION
MDS	METAL DIVIDER STRIP
MECH	MECHANICAL
MED	MEDIUM
MEMB	MEMBRANE
MES	METAL EDGE STRIP
MEZZ	MEZZANINE
MFR	MANUFACTURER
MH	MANHOLE
MI	MISCELLANEOUS IRON
MIN	MINIMUM
MISC	MISCELLANEOUS
MK	MARK
ML	METAL LATH
mm	MILLIMETER
MO	MASONRY OPENING
MOD	MODEL/MODULE
MOV	MOVEABLE
MT	METAL THRESHOLD
MTD	MOUNTED
MTG	MEETING
MTL	METAL/METALLIC
MTL WP	METALLIC WATERPROOFING
MULL	MULLION
N	NORTH
NA	NOT APPLICABLE
NAT	NATURAL
NIC	NOT IN CONTRACT
NO or #	NUMBER
NOM	NOMINAL
NOR	NORMAL
NRC	NOISE REDUCTION COEFFICIENT
NTS	NOT TO SCALE
OA	OUTSIDE AIR/OVERALL
OBGL	OBSOLETE GLASS
OC	ON CENTER
OD	OUTSIDE DIAMETER/OUTSIDE DIMENSION
OF	OUTSIDE FACE DIMENSION
OFF	OFFICE
OH	OPPOSITE HAND/OVERHEAD
O/O	OUT TO OUT
OPER	OPERATOR/OPERATION
OPG	OPENING
OPP	OPPOSITE
ORIG	ORIGINAL
ORN	ORNAMENTAL
OZ	OUNCE
PA	PUBLIC ADDRESS
PASS	PASSAGE/PASSENGER
PBD	PARTICLE BOARD
PC	PIECE/PIECES/PRECAST CONCRETE
PCF	POUNDS PER CUBIC FOOT
PCL	PRECAST CONCRETE PANEL
PE	PASSANGER ELEVATOR
PERF	PERFORATED
PERIM	PERIMETER
PERM	PERMANENT
PERP	PERPENDICULAR
PG	PAGE
PKG	PARKING
PL	PLATE/PROPERTY LINE
PLAS	PLASTER
PLAT	PLATFORM
PLBG	PLUMBING
PLF	POUNDS PER LINEAR FOOT
PLWD	PLYWOOD
PNL	PANEL
POL	POLISHED
PORT	PORTABLE
POS	POSITION/POSITIVE
PR	PAIR
PREFAB	PREFABRICATED
PARALL	PARALLEL
PROJ	PROJECT/PROJECTION
PROP	PROPERTY/PROPOSED
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POINT/PAINT
PTD	PAINTED
PTN	PARTITION
PVG	PAVING
PVC	POLYVINYLCHLORIDE
PVMT	PAVEMENT
QTY	QUANTITY
QTR	QUARTER
R	RISER
RAD or R	RADIUS
RAG	RETURN AIR GRILLE
RC	RAIN CONDUCTOR
RCP	REFLECTED CEILING PLAN
RD	ROAD/ROOF DRAIN
REBAR	REINFORCEMENT BAR
REG	REGRESS
RECV	RECEIVE/RECEIVING
REF	REFER/REFERENCE
REFL	REFLECTIVE/REFLECTED
REFR	REFRIGERATOR
REG	REGISTER
REINF	REINFORCED CONCRETE/REINFORCE/REINFORCEMENT
REM	REMOVE/REMOVABLE
REQD	REQUIRED
RET	RETURN
REV	REVISED/REVISION
RFG	ROOFING
RH	RIGHT HAND
RHR	RIGHT HAND REVERSE
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RS	ROOF SUMP
RTU	ROOF TOP UNIT
RV	ROOF VENTILATION
RWC	RAIN WATER CONDUCTOR
S	SOUTH/STORM/SINK
SA	SUPPLY AIR
SAG	SUPPLY AIR GRILLE
SAN	SANITARY
SAR	SUPPLY AIR REGISTER
SB	SOIL BEARING
SC	SOLID CORE
SCHED	SCHEDULE
SD	SUPPLY DUCT/DIFFUSER
SECT	SECTION
SF	SQUARE FEET/SQUARE FOOT/SUPPLY FAN
SHR	SHOWER
SHT	SHEET
SIM	SIMILAR
SNT	SEALANT
SOG	SLAB ON GRADE
SP	SPACING

SPEC	SPECIFICATION
SPKLR	SPEAKER
SPKR	SPEAKER
SO	SQUARE
STAG	STAGGERED
STC	SOUND TRANSMISSION CLASS
SS	SERVICE SINK
SS	STAINLESS STEEL
ST	STREET
STD	STANDARD
STIFF	STIFFENER
STL	STEEL
STM	STEAM
STOR	STORAGE
STRL	STRUCTURAL
SUB	SUBSTATION
SUPP	SUPPORT
SURF	SURFACE/SURFACING
SUSP	SUSPEND/SUSPENSION
SW	SWITCH
SYM	SYMBOL/SYMMETRICAL
SYS	SYSTEM
T	THERMOSTAT/TREAD
T/	TOP OF
TAN	TANGENT
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TB	TEST BOARDING/TOWEL BAR
TBD	TACKBOARD/TO BE DETERMINED
TD	TRENCH DRAIN
TECH	TECHNICAL
TEL	TELEPHONE
TEMP	TEMPERATURE/TEMPORARY/TEMPERED
THK	THICK/THICKNESS
THR	THRESHOLD
THRU	THROUGH/THROUGHOUT
TOS	TOP OF STEEL/TOP OF SLAB
TP	TANGENT POINT
TRAN	TRANSOM/TRANSFORMER
TS	TUBE SECTION/TUBE STEEL/THICKENED SLAB
TV	TELEVISION
TW	THROUGH WALL
TYP	TYPICAL
UC	UNDERCUT
UG	UNDERGROUND
UH	UNIT HEATER
UL	UNDERWRITER'S LABORATORY
ULT	ULTIMATE
UNEX	UNEXCAVATED
UNFIN	UNFINISHED
UN	UNLESS OTHERWISE NOTED
UR	URINAL
USGS	UNITED STATES GEOLOGICAL SURVEY

VAC	VACUUM
VAR	VARIABLE/VARIES
VCP	VITRIFIED CLAY PIPE
VENT	VENTILATE/VENTILATION
VERT	VERTICAL/VERTICALLY
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VIT	VITREOUS
VOL	VOLUME
VR	VAPOR RETARDER
VTR	VENT THRU ROOF
W	WIDE/WIDTH/WEST/WASTE/WATTS
W/	WITH
WC	WATER CLOSET
WCAB	WALL CABINET
WD	WOOD
WH	WALL HYDRANT
WL	WORKING LINE
WM	WATER METER
WO	WINDOW OPENING
W/O	WITHOUT
WP	WATERPROOFING/WATERPROOF/WEATHERPROOF
WP	WORKING POINT
WR	WASTE RECEPTICLE/WATER RESISTANT
WSCT	WAINSCOT
WT	WEIGHT/WATERTIGHT
WW	WALL TO WALL
WWF	WELDED WIRE FABRIC
WWM	WELDED WIRE MESH
WGL	WIRE GLASS
YD	YARD
YP	YIELD POINT
YR	YEAR
YS	YIELD STRENGTH



STUDIO H ARCHITECTURE • PLANNING • ENVIRONMENTS
364 NELSON ST. SW, SUITE #5 • ATLANTA, GA 30313

PERMIT SET ISSUED FOR CONSTRUCTION

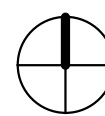
ISSUANCES		
No.	Drawing Issue Description	Date
1	FINAL CDs / PERMIT SET	06/04/2021

FINAL CONSTRUCTION DOCUMENTS

E.P.H.A. OFFICE RENOVATION

3056 Norman Berry Dr, East Point, GA 30344

ABBREVIATIONS & SYMBOLS



D.S., C.R., B.A	202005.01
Drawn By	Project No.
M.HILL	06/04/2021
Approved By	Date



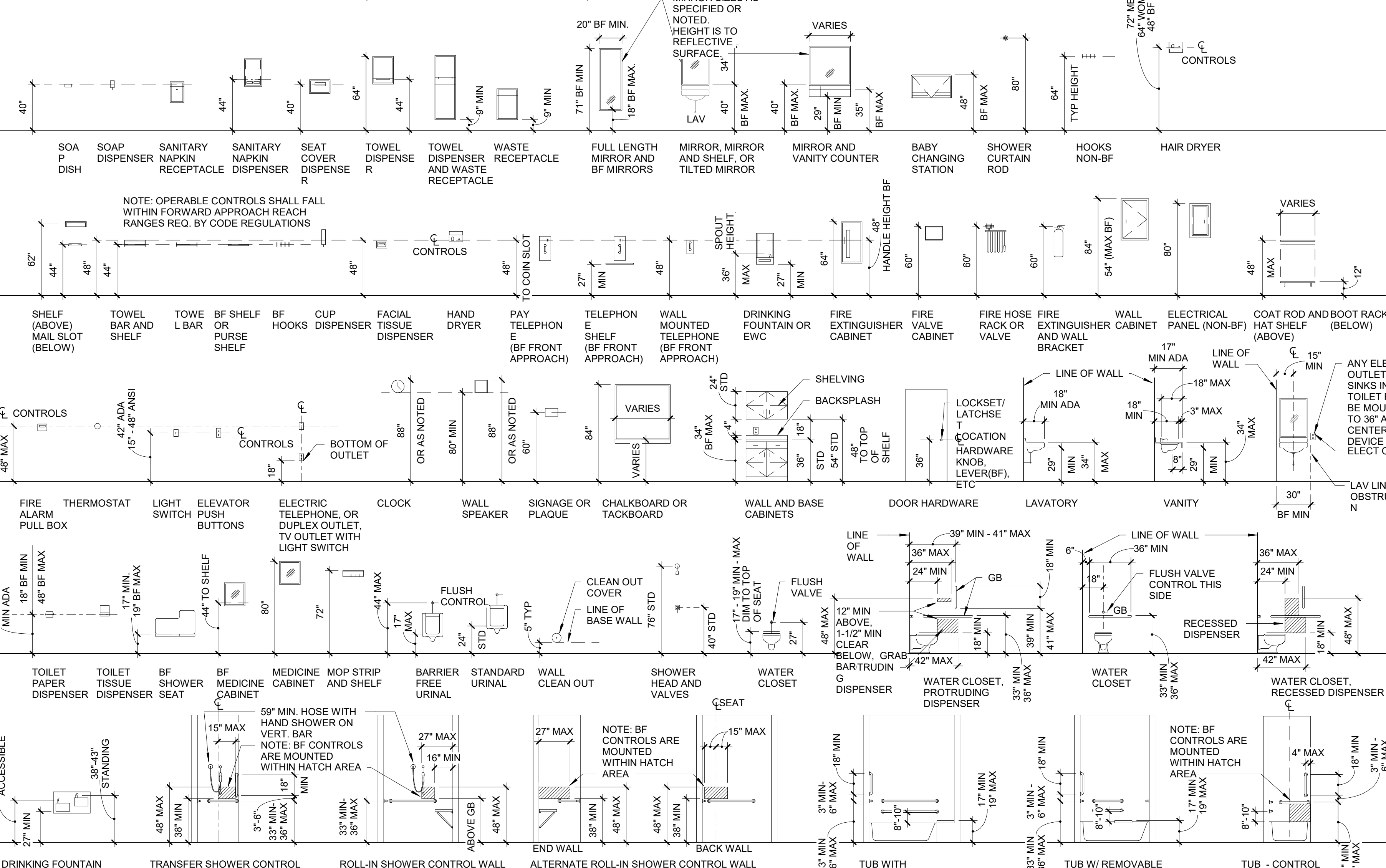
T-002

Drawing No.

TYPICAL MOUNTING HEIGHTS (ADA & ANSI A117.1-2009)

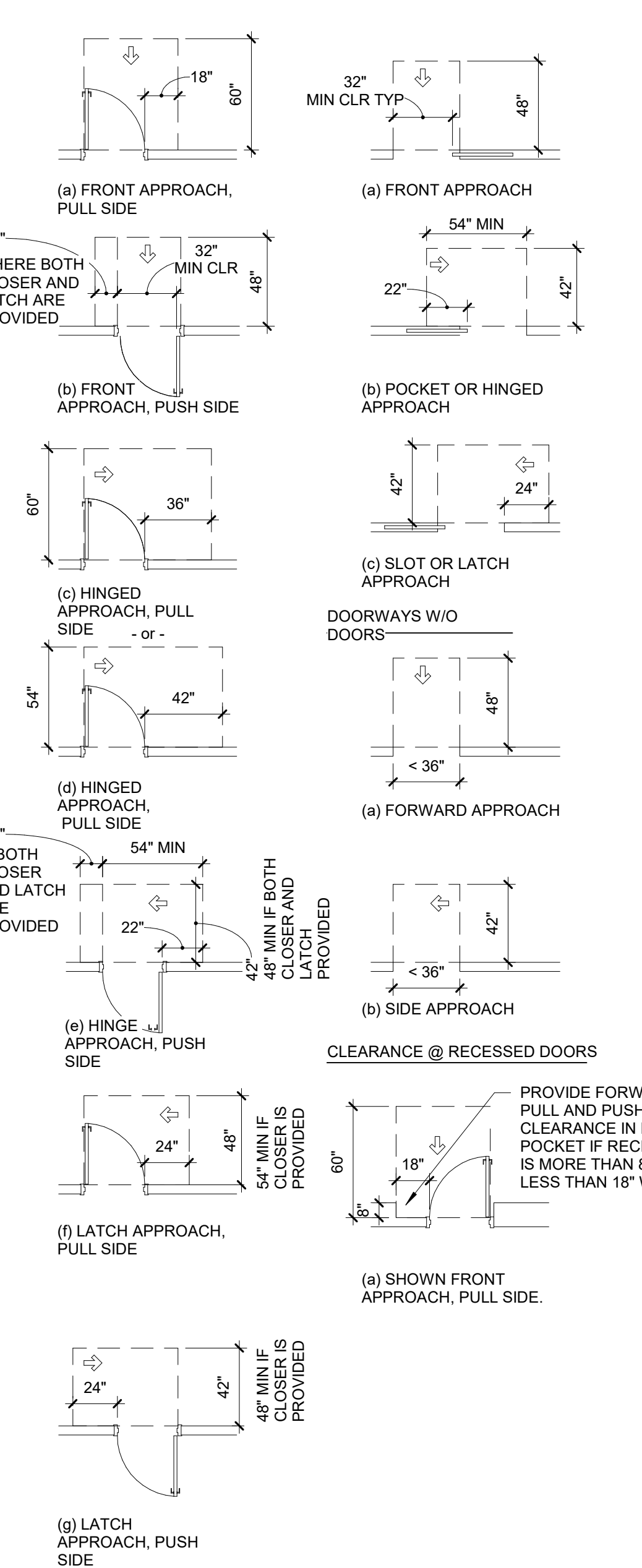
MISCELLANEOUS ACCESSORIES, TOILET ACCESSORIES AND FIXTURES

NOTE: MOUNTING HEIGHTS SHOWN ARE PROPOSED FOR ALL ACCESSORIES AND FIXTURES REQUIRED UNLESS OTHERWISE NOTED OR DIMENSIONED ON DRAWINGS FOR SPECIFIC CONDITIONS. (BF DENOTES BARRIER FREE REQUIREMENTS)



MINIMUM CLEARANCES FOR MANUAL DOORS (ADA & ANSI A117.1-2009)

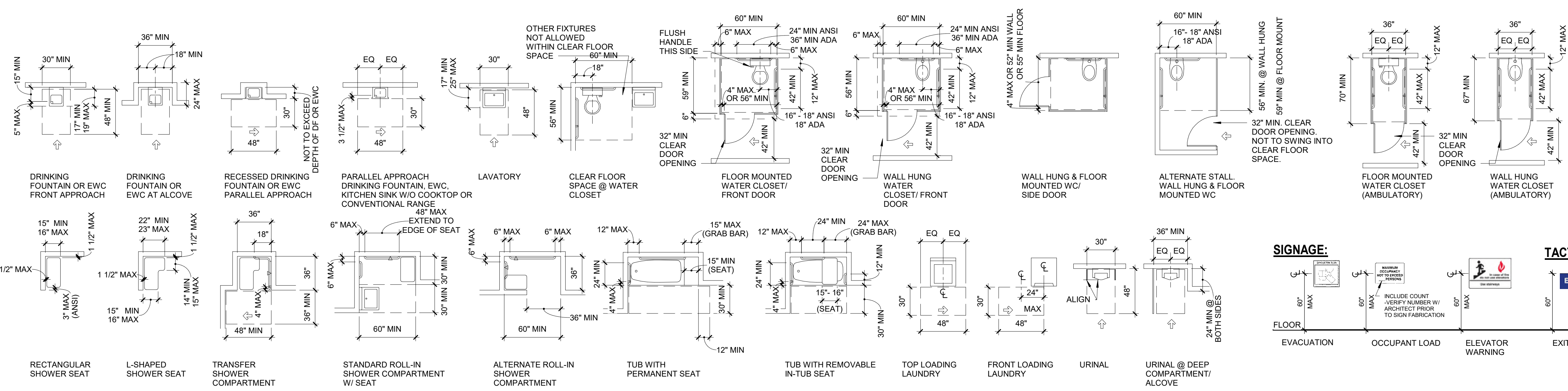
SWING DOORS **SLIDING, POCKET, & ACCORDING DOORS**



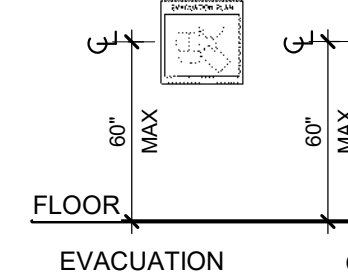
NOTE: ALL PLAN DIMENSIONS ARE TO FACE OF WALL FINISH MATERIAL OR WALL BASE - WHICHEVER PROJECTS FARTHEST FROM WALL SUBSTRATE - MIN CODE DIMENSIONS ON THE SHEET SUPERSEDES ANY OTHER DIMENSIONS IN THE SET THAT MIGHT BE DIFFERENT.

NOTE: NOT ALL INFORMATION SHOWN ON THIS SHEET MAY BE INCLUDED IN THIS PROJECT.

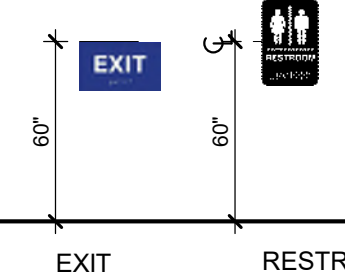
TYPICAL CLEAR FLOOR SPACE REQUIREMENTS (ADA & ANSI A117.1-2009)



SIGNAGE:



TACTILE SIGNS:



**PERMIT SET
ISSUED FOR CONSTRUCTION**

ISSUANCES		
No.	Drawing Issue Description	Date
1	FINAL Cds / PERMIT SET	06/04/2021

**FINAL CONSTRUCTION
DOCUMENTS**

**E.P.H.A. OFFICE
RENOVATION**
3056 Norman Berry Dr, East Point, GA 30344

**MOUNTING HEIGHTS &
CLEARANCES**

D.S., C.R., B.A. 202005.01
Drawn By Project No.
M.HILL 06/04/2021
Approved By Date

T-003
Drawing No.

PROJECT NUMBER: 202005.01 PROJECT NAME: E.P.H.A. OFFICE RENOVATION
SHEET NUMBER: T-003 - MOUNTING HEIGHTS & CLEARANCES
C:\Users\SHAPE_TECH7\Documents\R19_EPHA Office Renovation_Central_dsparkmanXM6Q2.rvt
6/4/2021 6:50:35 PM

OCCUPANT LOAD SCHEDULE						
Number	Name	Occupancy	Area	Load Factor	Calculated Occupant Load	Occupant Load
101	Housing Department Open Office	BUSINESS	794 SF	150	5.29	6
101A	Corridor		77 SF			
101B	Hall		64 SF			
102	Director of Housing	BUSINESS	169 SF	150	1.13	2
103	Asset Coordinator	BUSINESS	126 SF	150	0.84	1
104	Section 8 Lead	BUSINESS	126 SF	150	0.84	1
105	File	- UNOCCUPIED -	91 SF	0		
105A	Mech	- UNOCCUPIED -	7 SF	0		
106	Small Conf Room	BUSINESS	120 SF	30	3.99	4
107	Compliance Manager	BUSINESS	126 SF	150	0.84	1
108	CL	- UNOCCUPIED -	9 SF	0		
109	Unisex WC	- UNOCCUPIED -	34 SF	0		
110	ADA Unisex WC	- UNOCCUPIED -	76 SF	0		
110A	Mech.	- UNOCCUPIED -	35 SF	0		
111	Executive Session	BUSINESS	230 SF	30	7.67	8
112	Board Room	ASSEMBLY WITHOUT FIXED SEATS - UNCONCETRATED (TABLES & CHAIRS)	687 SF	15	45.79	46
112A	Alcove		65 SF			
112B	Corridor		165 SF			
113	Copy Rm	BUSINESS	76 SF	150	0.51	1
114	Work Rm	BUSINESS	68 SF	150	0.45	1
115	Finance Open Area	BUSINESS	492 SF	150	3.28	4
115A	Mech.	- UNOCCUPIED -	18 SF	0		
115B	Hall		30 SF			
115C	Hall		35 SF			
116	Finance	BUSINESS	152 SF	150	1.01	2
117	Finance Lead	BUSINESS	152 SF	150	1.01	2
118	Elec.	- UNOCCUPIED -	28 SF	0		
119	IT	BUSINESS	168 SF	150	1.12	2
120	Reception	BUSINESS	177 SF	150	1.18	2
120A	Packages/Stor.	BUSINESS	82 SF	150	0.54	1
121	Lobby	BUSINESS	263 SF	150	1.75	2
121B	Hall		30 SF			
122	ADA Unisex WC	- UNOCCUPIED -	77 SF	0		
123	Mech	- UNOCCUPIED -	17 SF	0		
124	Executive Waiting Area	BUSINESS	268 SF	150	1.78	2
125	Sm. Conference	BUSINESS	121 SF	30	4.05	5
126	Executive Assistant	BUSINESS	242 SF	150	1.62	2
127	Director of Development	BUSINESS	191 SF	150	1.27	2
128	Executive Director	BUSINESS	493 SF	150	3.29	4
129	Break Rm	BUSINESS	133 SF	150	0.89	1
129A	Break Rm		67 SF			
129B	Corridor		Not Placed			
130	Corridor		94 SF			
131	Unisex WC	- UNOCCUPIED -	39 SF	0		
132	Mech	- UNOCCUPIED -	13 SF	0		

102

BUILDING CODE SUMMARY

INTERNATIONAL EXISTING BUILDING CODE 2018 EDITION, INTERNATIONAL BUILDING CODE (2018)			REMARKS
BUILDING AREA (506)	7,042 SQ FT SF		xxx
BUILDING USE GROUP (CHAPTER 4)	BUSINESS, B		
TYPE OF CONSTRUCTION (CHAPTER 6)	TYPE II-B		
FIRE SUPPRESSION PROVIDED (SECTION 903)	N/A		
ALLOWABLE BUILDING HEIGHT & NUMBER OF STORIES (TABLES 504.3, 504.4)	N/A		
SPECIAL PROVISIONS (HEIGHT & AREA) (SECTION 510)	N/A		
TOTAL ALLOWABLE BUILDING HEIGHT	N/A		
TABULAR FLOOR AREA PER STORY (TABLE 506.2)	N/A (EXISTING BUILDING AREA HAS NOT CHANGED)		
ACTUAL FLOOR AREA PER STORY	1ST FLOOR 7,042 SF		
TOTAL AREA	7,042 SF		
OCCUPANT LOAD (TABLE 1004.1.2)	EXISTING SPACE ADDITION 110 17		
TOTAL OCCUPANT LOAD	127 PEOPLE		
COMMON PATH OF EGRESS TRAVEL (TABLE 1006.2.1) MAXIMUM LENGTH OF EXIT TRAVEL (TABLE 1017.2)	75'-0" 200'-0"		
MAXIMUM LENGTH OF DEAD END CORRIDOR (PARA 1020.4)	20'-0"		
CAPACITY OF EGRESS COMPONENTS			
EXIT ACCESS CORRIDORS (PARA 1005.1 & TABLE 1020.2.)	0.2" PER OCCUPANT 44" MINIMUM IN EACH CORRIDOR		
STAIRWAYS (PARA 1005.3.1, 1009.4)	0.3" PER OCCUPANT 36" WIDE MINIMUM IN EACH STAIR, OCCUPANT LOAD > 50		
DOORS (PARA 1005.3.2 & PARA 1010.1.1)	0.2" PER OCCUPANT 32" WIDE MINIMUM FOR EACH DOOR		
FIRE RESISTANCE RATINGS OF EGRESS COMPONENTS			
CORRIDORS (TABLE 1020.1)	NOT APPLICABLE		
EXIT PASSAGEWAYS (PARA 1024.3)	NOT APPLICABLE		
STAIR SHAFTS (PARA 1023.2)	NOT APPLICABLE		
HORIZONTAL EXITS (PARA 1026.2)	NOT APPLICABLE		
AREA OF REFUGE (PARA 1009.6.4)	NOT REQUIRED IN ALTERATIONS OF EXISTING BUILDINGS (PARA 1009.6.4 EXCEPTION #1)		
FIRE RESISTANCE RATINGS OF FIRE SEPARATIONS			
MIXED USE (TABLE 508.4 & PARA 508.4)	NOT APPLICABLE		
SHAFTS - OTHER THAN STAIRS (PARA 713.4)	NOT APPLICABLE		
SHAFTS - ELEVATOR LOBBY (PARA 713.14.1)	NOT APPLICABLE		
ATRIUMS (PARA 404.6)	NOT APPLICABLE		
FURNACE ROOMS OVER 400,000 BTU (TABLE 509)	NOT APPLICABLE		
BOILER ROOMS OVER 15 PSI & 10 HP (TABLE 509)	NOT APPLICABLE		
WASTE & LINEN COLLECTION ROOMS (TABLE 509)	NOT APPLICABLE		
FIRE WALLS (TABLE 706.4)	NOT APPLICABLE		
EXTERIOR WALLS (TABLE 602)	1-HOUR WITH FIRE SEPARATION DISTANCE GREATER THAN OR EQUAL TO 30'		
FIRE RESISTANCE RATINGS OF STRUCTURAL ELEMENTS			
PRIMARY STRUCTURAL FRAME (TABLE 601)	1 HOUR		
INTERIOR AND EXTERIOR BEARING WALLS, COLUMNS, BEAMS, GIRDERS, TRUSSES, AND ARCHES (TABLE 601)	SUPPORTING MORE THAN ONE FLOOR, COLUMNS OR OTHER BEARING WALLS	1 HOUR EXTERIOR BEARING WALLS 1 HOUR INTERIOR BEARING WALLS	
	SUPPORTING A ROOF ONLY	0 HOUR	
EXTERIOR NON BEARING WALLS (TABLE 602)	0 HOUR		
INTERIOR NON-BEARING WALLS (TABLE 601)	0 HOUR		
FLOOR CONSTRUCTION (TABLE 601)	1 HOUR		
ROOF CONSTRUCTION (TABLE 601)	1 HOUR		

APPLICABLE CODES

- INTERNATIONAL BUILDING CODE (IBC), 2018 EDITION, WITH GEORGIA AMENDMENTS (2012) (2014) (2015) (2017)
- INTERNATIONAL EXISTING BUILDING CODE (IEBC), 2018 EDITION, WITH GEORGIA AMENDMENTS (2012) (2014) (2015) (2017)
- INTERNATIONAL FIRE CODE (IFC), 2018 EDITION, WITH GEORGIA AMENDMENTS (2012) (2014)
- INTERNATIONAL PLUMBING CODE (IPC), 2018 EDITION, WITH GEORGIA AMENDMENTS (2012) (2014) (2015)
- INTERNATIONAL MECHANICAL CODE (IMC), 2018 EDITION, WITH GEORGIA AMENDMENTS (2012) (2014) (2015)
- INTERNATIONAL FUEL GAS CODE (IFGC), 2018 EDITION, WITH GEORGIA AMENDMENTS (2012) (2014) (2015)
- NATIONAL ELECTRICAL CODE (NFPA 70) 2017 EDITION (EFFECTIVE 1/1/2018), WITH NO GEORGIA AMENDMENTS
- INTERNATIONAL ENERGY CONSERVATION CODE (IECC), 2015 EDITION, WITH GEORGIA AMENDMENTS (2011) (2012)
- 2018 NFPA 101 LIFE SAFETY CODE WITH STATE AMENDMENTS (2012) (2013)
- GEORGIA ACCESSIBILITY CODE



STUDIO H ARCHITECTURE • PLANNING • ENVIRONMENTS
364 NELSON ST. SW, SUITE #5 • ATLANTA, GA 30313

PERMIT SET
ISSUED FOR CONSTRUCTION

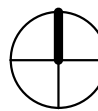
ISSUANCES		
No.	Drawing Issue Description	Date
	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs / PERMIT SET	06/04/2021

FINAL CONSTRUCTION
DOCUMENTS

E.P.H.A. OFFICE
RENOVATION

3056 Norman Berry Dr, East Point, GA 30344

CODE REVIEW



D.S., C.R., B.A. 202005.01
Drawn By Project No.
M.HILL 06/04/2021
Approved By Date



T-004

Drawing No.

LIFE SAFETY LEGEND

- INTERCONNECTED SMOKE DETECTOR W/ BATTERY BACKUP
- FIRE EXTINGUISHER
- WALL MOUNTED EMERGENCY LIGHT
- WALL MOUNTED EXIT SIGN

PERMIT SET ISSUED FOR CONSTRUCTION

ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs / PERMIT SET	06/04/2021

FINAL CONSTRUCTION DOCUMENTS

E.P.H.A. OFFICE RENOVATION

3056 Norman Berry Dr, East Point, GA 30344

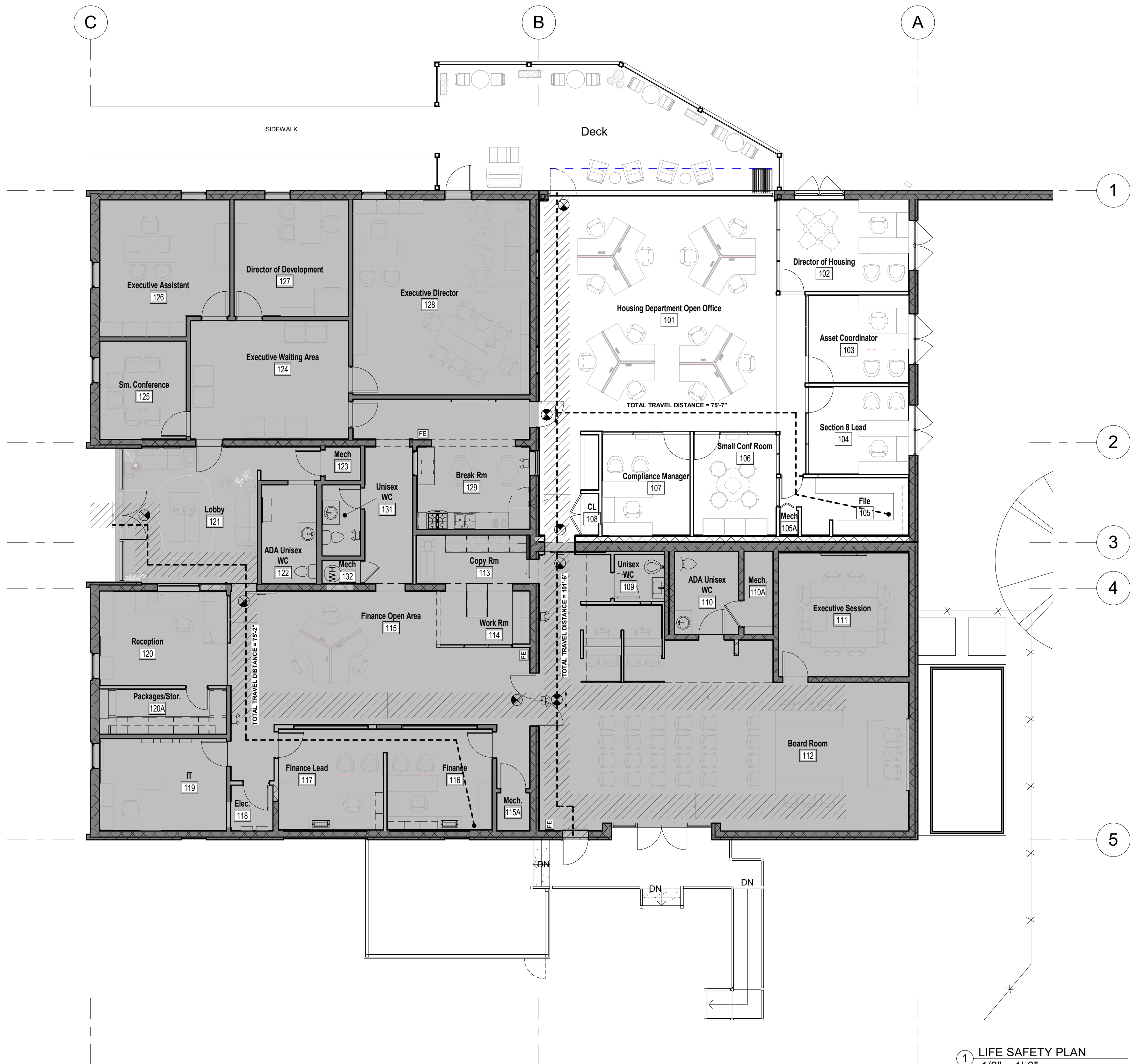
LIFE SAFETY PLAN & PARTITION SCHEDULE

D.S., B.A., E.L. 202005.01
Drawn By Project No.
M.HILL 06/04/2021
Approved By Date

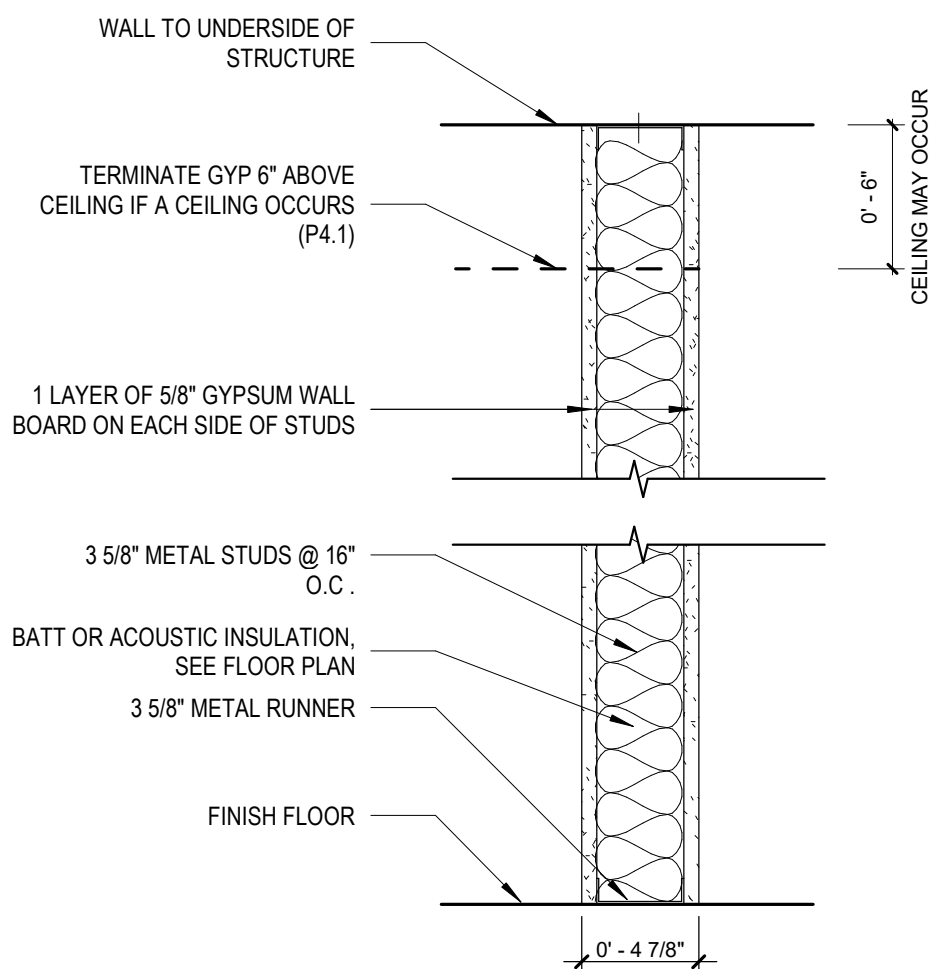


T-005

Drawing No.



1 LIFE SAFETY PLAN
1/8" = 1'-0"

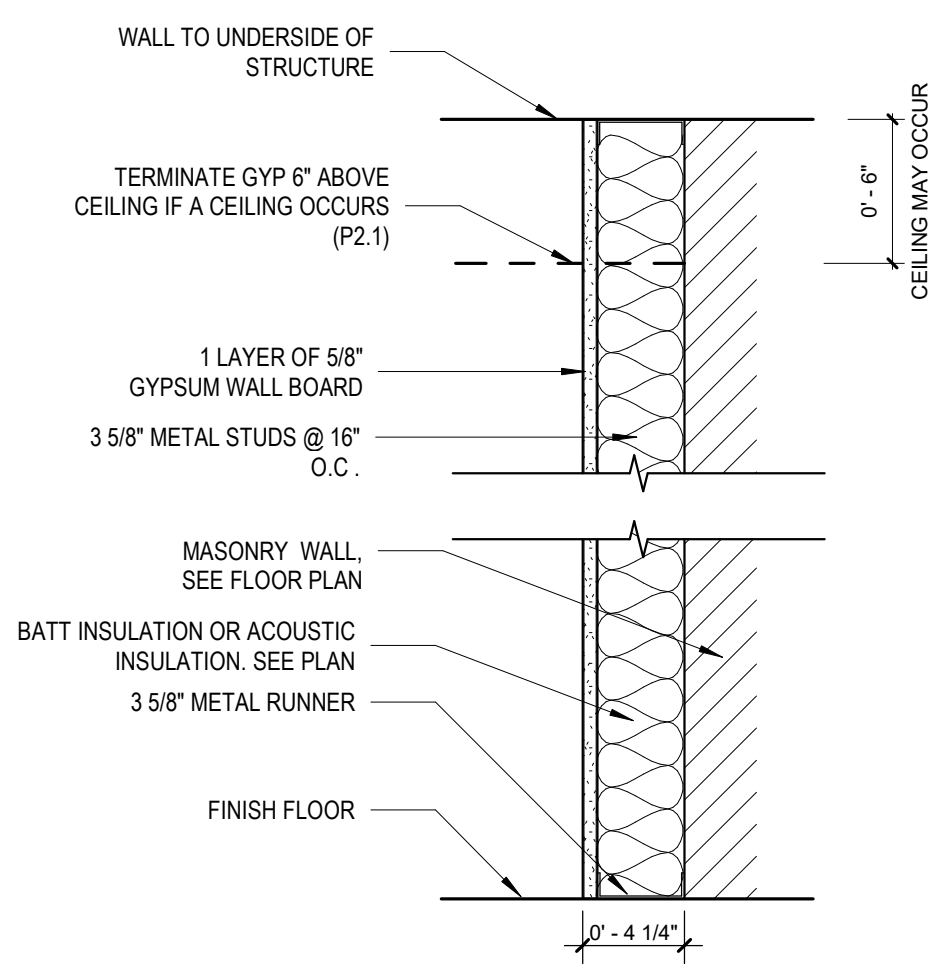


P4

P4.1

PARTIAL HEIGHT

GWB PARTITION - 2 LAYER FULL HT OR
PARTIAL HEIGHT

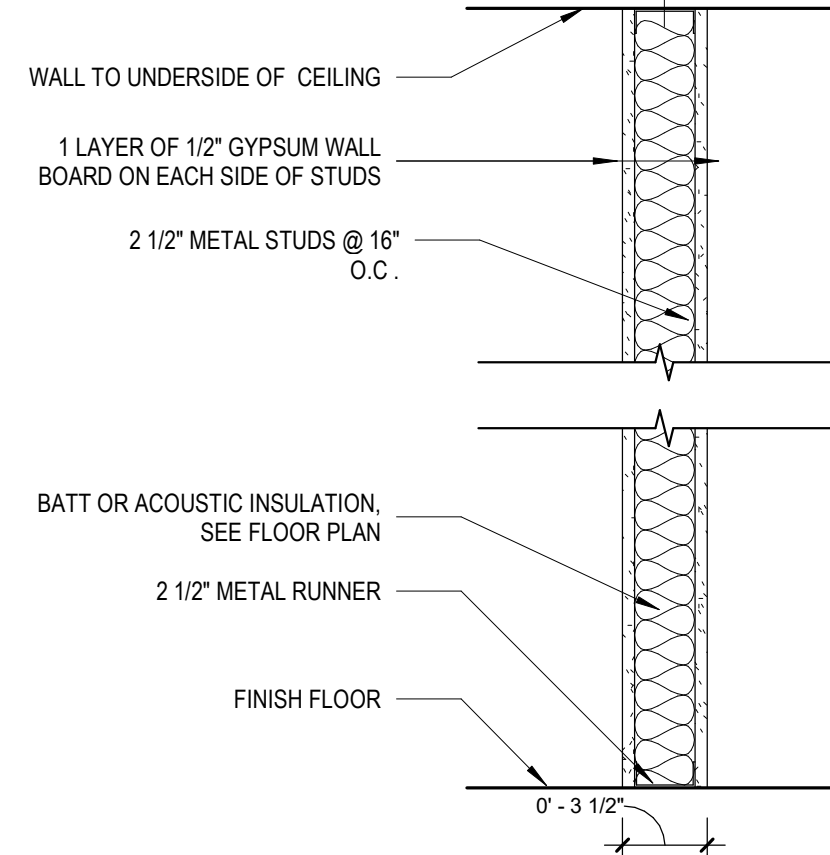


P2

P2.1

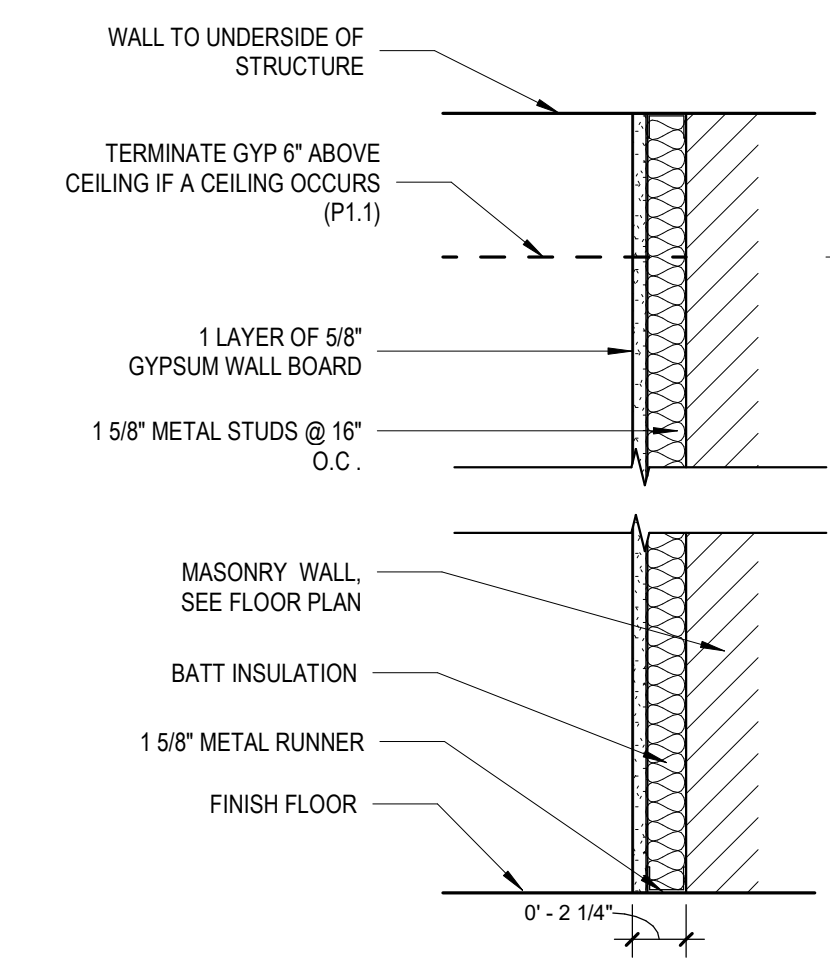
PARTIAL HEIGHT

GWB FURRED WALL CONSTRUCTION
1 LAYER FULL HT OR PARTIAL HEIGHT



P3

GWB PARTITION - 2 LAYER FULL HT

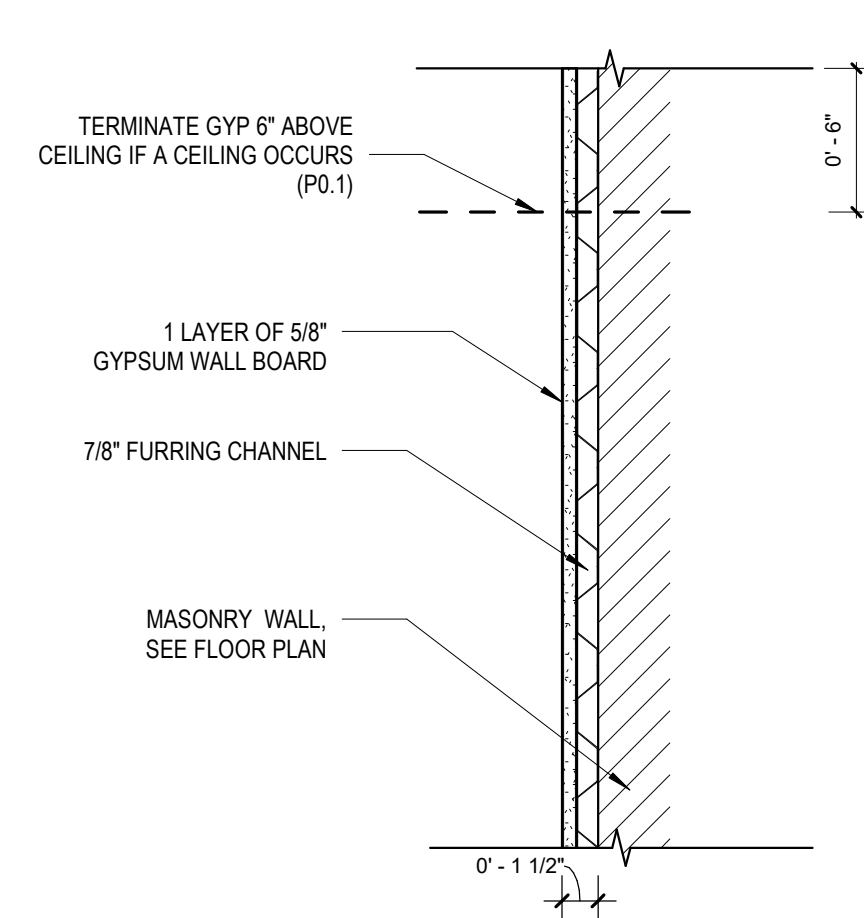


P1

P1.1

PARTIAL HEIGHT

GWB FURRED WALL CONSTRUCTION
1 LAYER FULL HT OR PARTIAL HEIGHT



P0

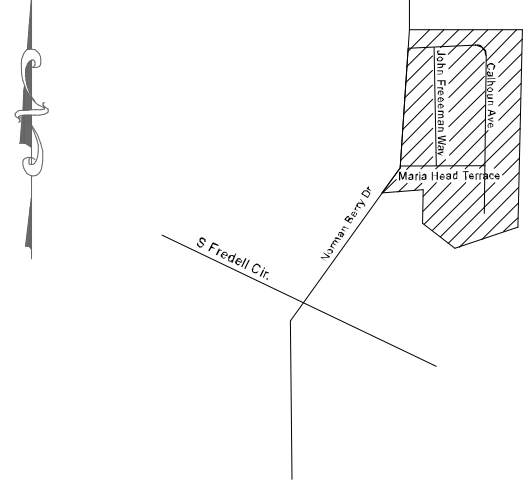
P0.1

PARTIAL HEIGHT

GWB FURRED WALL CONSTRUCTION
1 LAYER FULL HT OR PARTIAL HEIGHT
ON FURRING CHANNEL

VICINITY MAP

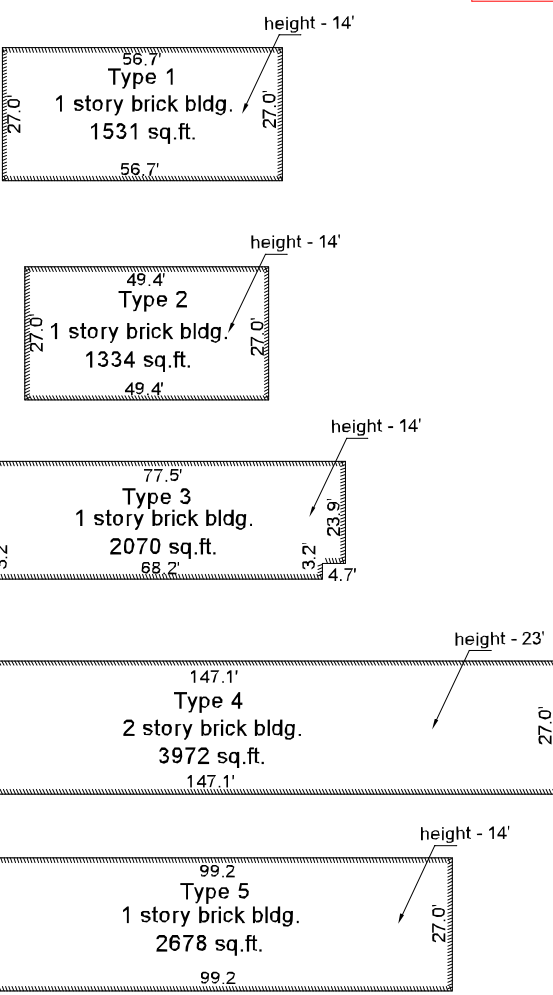
NOT TO SCALE



SURVEYOR'S NOTES

1. There is direct physical access to the subject property via Norman Berry Rd., Maria Head Terrace, Calhoun Dr. & John Freeman Way, public right of ways.
2. The locations of all utilities shown on the survey are from visible surface evidence only.
3. At the time of this survey there was no observable surface evidence of earth moving work, building construction or building additions within recent months.
4. Surveyor did not observe any areas delineated as wetlands by a qualified specialist hired by the client. Surveyor is not an expert in determining the location of wetlands areas.
5. There is no evidence of changes in street right of way lines either completed or proposed; no observable evidence of recent street or sidewalk construction or repairs.
6. This survey was prepared in conformity with The Technical Standards for Property Surveys in Georgia as set forth in Chapter 180-7 of the Rules of the Georgia Board of Registration for Professional Engineers and Land Surveyors and as set forth in the Georgia Plat Act O.C.G.A. 15-6-47, Authority O.C.G.A. Secs. 15-6-47, 45-15-4, 45-15-4, 45-15-15, 45-15-22.
7. The field data upon which this map or plat is based has a closure precision of one foot in 50,000+ feet, and an angular error of 2" per angle point, and was adjusted using least squares. This map or plat has been calculated for closure and is found to be accurate within one foot in 200,000+ feet. Equipment Used, Topcon ES-103 & Carlson Software.
8. There are no off-site easements or servitudes affecting the subject tract that the surveyor has been made aware of.
9. There is a water meter between sidewalk and curb in front of each apartment, also there is a natural gas meter on rear wall of each apartment bldg.
10. There is no visible evidence of any burial grounds on premises.
11. There are regular 86 striped parking spaces + 1 handicap spaces located on premises. Each apartment has a parking pad for one car per apartment.
12. At the time of this survey, this site is not used as a solid waste dump, sump or sanitary landfill.

Building Templates



SURVEY LEGEND

- BLD - BLDG. SETBACK LINE
- BLDG - BUILDING
- ESMT - EASEMENT
- FND - FOUND
- POB - POINT OF BEGINNING
- POC - POINT OF COMMENCING
- D/P - DUMPSTER PAD
- R/W - RIGHT OF WAY
- CH - CHAIN LINK FENCE
- OE - OVERHEAD ELECTRIC LINES
- CB - CATCH BASIN
- EB - ELECTRIC BOX
- EH - ELECTRIC HYDRANT
- FO - FIBER OPTIC MARKER
- FP - FLAG POLE
- GM - GAS METER
- GV - GAS VALVE
- CI - CURB INLET
- LI - LIGHT POLE
- MA - MANHOLE
- MO - MONITORING WELL
- PM - PIPELINE MARKER
- PP - POWER POLE
- SP - SERVICE POLE
- SM - STORM MANHOLE
- TE - TELEPHONE PEDESTAL
- TR - TRANSFORMER
- TS - TRAFFIC SIGNAL BOX
- UC - UNDERGROUND CABLE MARKER
- WM - WATER WELL
- WM - WATER METER
- WV - WATER VALVE
- HP - HANDICAP PARKING
- MW - MASONRY WALL

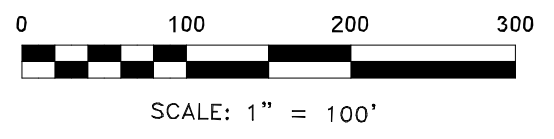
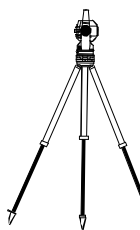
NOTES:

1. BEARINGS ARE BASED ON GPS OBSERVATIONS.
2. SURVEYOR DID NOT ABSTRACT PROPERTY. SURVEY BASED ON LEGAL DESCRIPTIONS SUPPLIED BY TITLE COMPANY. EASEMENTS, BUILDING LINES, ETC. SHOWN ARE AS IDENTIFIED BY FILE NO. 64327.08 OF FIRST AMERICAN TITLE INSURANCE COMPANY, WITH AN EFFECTIVE DATE OF 8/29/17.
3. NOTHING IN THIS SURVEY IS INTENDED TO EXPRESS AN OPINION REGARDING OWNERSHIP OR TITLE.
4. THE WORD CERTIFY IS UNDERSTOOD TO BE AN EXPRESSION OF PROFESSIONAL JUDGMENT BY THE SURVEYOR, WHICH IS BASED ON HIS BEST KNOWLEDGE, INFORMATION AND BELIEF.
5. SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.
6. THE FINDINGS AND OPINIONS OF LANDCO, L.P., REFLECTED HEREON ARE PRIVILEGED, CONFIDENTIAL AND INTENDED FOR THE USE OF THE INDIVIDUAL OR ENTITY FOR WHOM THIS WORK WAS PREPARED. IT IS UNDERSTOOD THAT THE USE OF, RELIANCE ON, OR REPRODUCTION OF SAME, IN WHOLE OR IN PART, BY OTHERS WITHOUT THE EXPRESS WRITTEN CONSENT OF LANDCO, L.P., IS PROHIBITED AND WITHOUT WARRANTY, EXPRESS OR IMPLIED, LANDCO, L.P., SHALL BE HELD HARMLESS AGAINST DAMAGES OR EXPENSES RESULTING FROM SUCH UNAUTHORIZED USE, RELIANCE OR REPRODUCTION. COPYRIGHT 2017. ALL RIGHTS RESERVED.

FLOOD NOTE:

PROPERTY LIES WITHIN FLOOD ZONE X-1 shaded AE, ACCORDING TO F.I.R.M. MAP NO. 1312103866, DATE 9/18/13, BY GRAPHING PLOTTING ONLY. WE DO NOT ASSUME RESPONSIBILITY FOR EXACT DETERMINATION. BEFORE ANY DEVELOPMENT PLANNING, DESIGN OR CONSTRUCTION IS STARTED, THE COMMUNITY, CITY AND COUNTY IN WHICH SUBJECT TRACT EXISTS SHOULD BE CONTACTED. SMO ENTITIES MAY IMPOSE LARGER FLOOD PLAIN AND FLOODWAY AREAS THAN SHOWN BY F.I.R.M. MAPS THAT WILL AFFECT DEVELOPMENT.

PIRKLE & ASSOCIATES
SURVEYING, INC.
743 Slater Commerce Road
Glenview, Georgia 30427
Email: pirkle@windstream.net
Phone 912-684-3214 Cell 912-237-3770



SCALE: 1" = 100'

Curve	Radius	Length	Chord	Chord Bear.
C1	333.39'	106.27'	106.97'	N 40° 24' 48" E
C2	383.39'	156.57'	155.67'	N 13° 15' 48" E
C3	669.54'	115.13'	114.99'	N 07° 47' 09" E
C4	190.17'	293.64'	297.92'	S 39° 42' 30" E
C5	140.73'	208.99'	190.31'	S 35° 42' 30" E
C6	60.00'	325.47'	49.96'	N 87° 23' 57" W
C7	473.92'	183.85'	182.69'	N 75° 13' 03" W
C8	523.92'	195.17'	194.04'	N 75° 46' 30" W

Total Area
1,247,905 square feet
or 28.647 Acres

ZONING DATA

Pursuant to Table A Item 6a, the zoning classification and information was not provided to the surveyor by the client. No representation is made for the accuracy or completeness of said third party information. This firm is not an expert in the interpretation of complex zoning ordinances; compliance is beyond the scope of this survey. Any user of said information is urged to contact the local agency directly.

ENCROACHMENT STATEMENT

At the time of the survey, there are no visible above ground encroachments on to or off of premises.

TITLE COMMITMENT LEGAL DESCRIPTION

PARGEL 208
BEGINNING at the southeast corner of Norman Berry Drive and Maria Head Terrace, said point of beginning also being 1169.35 feet south of the north line of Land Lot 126 as measured along the east side of Norman Berry Drive, thence southerly along the east side of Norman Berry Drive 103 feet, thence south 60 degrees east a distance of 233.11 feet to a point, thence south 80 degrees east a distance of 451.06 feet to a point on the original line between the lands of Tennessee Corporation and Henry Chanin Corporation, thence south 0 degrees 22 minutes 28 seconds east a distance of 244.85 feet to a point, thence easterly along the north right-of-way line of an access street 250.66 feet to a point, thence north 17 degrees 08 minutes east a distance 53.8 feet to a point, thence north 17.5 feet to a point on the south side of cul-de-sac, which point is located at the center line of Calhoun Drive, thence southerly, northerly and northeasterly along the west side of said cul-de-sac 162.03 feet to a point, thence north along the west side of Calhoun Drive 202.5 feet to the south side of Maria Head Terrace, thence west and northwesterly along the southerly side of Maria Head Terrace and following the curvature thereof 792.04 feet to the point of beginning.

Parcel 211
BEGINNING at a point on the east side of Norman Berry Drive at its intersection with the north line of Land Lot 126, thence south along the east side of Norman Berry Drive 204.9 feet to the northerly side of Calhoun Drive, thence southeasterly and southerly along the northerly and easterly side of Calhoun Drive and following the curvature thereof 1859.06 feet to a cul-de-sac at the end of Calhoun Drive, thence southeasterly, southerly and southeasterly along the easterly side of said cul-de-sac 162.03 feet to a point, thence southerly 171.5 feet to a point, thence easterly 178.9 feet to a point on the City Limit Line of the City of East Point, thence north along the city Limit Line 1691.22 feet to an iron pipe on the north line of said Land Lot 126, thence west along the north line of said land lot, 846.45 feet to the east side of Norman Berry Drive and the point of beginning.

PARGEL 212 and PARGEL 213
BEGINNING at the northwest corner of John Freeman Way and Calhoun Drive, thence south along the east side of John Freeman Way 885.9 feet to the north side of Maria Head Terrace, thence easterly along the north side of Maria Head Terrace and following the curvature thereof 320 feet to Calhoun Drive, thence north and westerly along the west side of Calhoun Drive and following the curvature thereof 1110.3 feet to the northeast corner of Calhoun Drive and John Freeman Way and the point of beginning.

PARGEL 214
BEGINNING at the northwest side corner of Norman Berry Drive and Calhoun Drive, thence south along the east side of Norman Berry Drive 854.3 feet to the north side of Maria Head Terrace, thence southeasterly and easterly along the north side of Maria Head Terrace 421.5 feet to the west side of John Freeman Way, thence north along the west side of John Freeman Way 894.4 feet to the south side of Calhoun Drive, thence westerly along the south side of Calhoun Drive 575.4 feet to Norman Berry Drive and point of beginning.

Being the same tract of land described in the title report issued by First American Title Insurance Company File No. 64217.08, effective August 28, 2017.

NOTES CORRESPONDING TO SCHEDULE B

- Declaration of Trust from the Housing Authority of the City of East Point to the United States of America, Secretary of Housing and Urban Development, dated May 9, 2017, filed May 10, 2017, recorded in Deed Book 57492, page 314, aforesaid records, not survey related.
- Easements reserved in Warranty Deed from the City of East Point to the Housing Authority of the City of East Point, dated January 30, 1963, filed February 6, 1963, recorded in Deed Book 4009, page 347, aforesaid records, document not provided.
- Easements reserved in Warranty Deed from the City of East Point to the Housing Authority of the City of East Point, dated February 19, 1963, filed February 25, 1963, recorded in Deed Book 4015, page 490, aforesaid records, document not provided.
- Declaration of Trust from the Housing Authority of the City of East Point to Public Housing Administration dated and filed February 8, 1963, recorded in Deed Book 4009, page 286, aforesaid records, not survey related.
- Declaration of Trust from the Housing Authority of the City of East Point to Public Housing Administration dated March 4, 1963, filed March 6, 1963, recorded in Deed Book 4022, page 182, aforesaid records, not survey related.
- Declaration of Trust from the Housing Authority of the City of East Point to the United States of America, Secretary of Housing and Urban Development, dated May 23, 1989, filed May 10, 1989, recorded in Deed Book 12545, page 340, aforesaid records, not survey related.
- Declaration of Trust from the Housing Authority of the City of East Point to the United States of America, Secretary of Housing and Urban Development, dated August 24, 1993, filed September 10, 1993, recorded in Deed Book 17187, page 263, aforesaid records, not survey related.
- Declaration of Trust from the Housing Authority of the City of East Point to Public Housing Administration dated May 9, 2017, filed May 10, 2017, recorded in Deed Book 57492, page 314, aforesaid records, not survey related.

SURVEYOR CERTIFICATE

To: First American Title Insurance Company
Love Funding Corporation, a Virginia Corporation
The Secretary of Housing and Urban Development, their successors and/or assigns as their interests may appear.
The Housing Authority of the City of East Point

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2015 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes Items 1, 2, 3, 4, 7(a), 7(b)(1), 7(c), 8, 9, 13, 14, 16, 17, 18, 19, and 20 of Table A thereof. The field work was completed on 12/15/17.

Princeton P. Pirkle, Jr.
C/L.S.#1474
Date: 12/15/17

ALTA/NSPS LAND TITLE SURVEY OF

ADDRESS: 3056 Norman Berry Dr. East Point Georgia

NAME: East Point Housing (Norman Berry)

JOB NO:17-7448 DATE: 12/15/17 SHEET 1 OF 1 SCALE: 1" = 100'



LANDCO, L.P.

11281 RICHMOND, BLDG. J SUITE 105, HOUSTON, TEXAS 77082
OFFICE (281) 556-1202 FAX (281) 606-1202
INFO@LANDCOSERVICES.COM
Copyright 2017 Landco, L.P.
Firm Number: 10045300

PERMIT SET
ISSUED FOR CONSTRUCTION

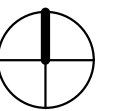
ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs / PERMIT SET	06/04/2021

FINAL CONSTRUCTION
DOCUMENTS

E.P.H.A. OFFICE
RENOVATION

3056 Norman Berry Dr, East Point, GA 30344

SITE SURVEY



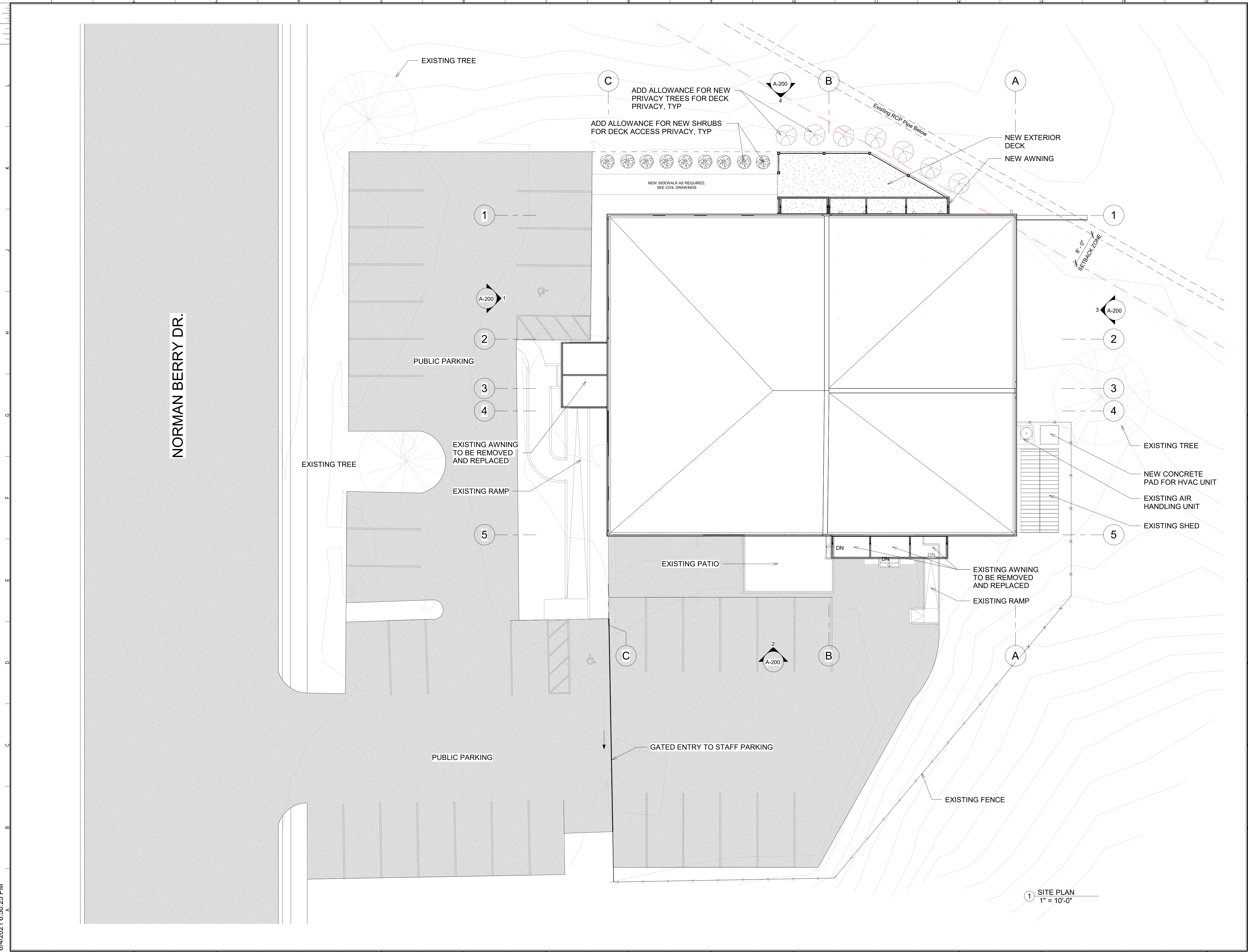
D.S., C.R., BA 202005.01
Drawn By Project No.
M.HILL 06/04/2021
Approved By Date



L-000

Drawing No.

PROJECT NUMBER: 202005.01 PROJECT NAME: E.P.H.A. OFFICE RENOVATION
SHEET NUMBER: L-101 - SITE PLAN
C:\Users\SHAPE_TECH7\Documents\R19_EPHA Office Renovation_Central_dsparkmanXM6Q2.rvt
6/4/2021 6:50:25 PM



PERMIT SET
ISSUED FOR CONSTRUCTION

ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs / PERMIT SET	06/04/2021

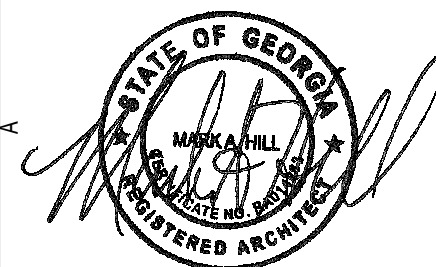
FINAL CONSTRUCTION
DOCUMENTS

E.P.H.A. OFFICE
RENOVATION
3056 Norman Berry Dr, East Point, GA 30344

SITE PLAN



D.S., C.R., B.A. 202005.01
Drawn By Project No.
M.HILL 06/04/2021
Approved By Date



L-101

Drawing No.

PROJECT NUMBER: 202005.01 PROJECT NAME: E.P.H.A. OFFICE RENOVATION
SHEET NUMBER: EX-101 - EXISTING - FLOOR PLANS
C:\Users\SHAPE_TECH7\Documents\R19_EPHA Office Renovation_Central_dsparkmanXM6Q2.rvt
6/4/2021 6:50:06 PM

DEMOLITION PLAN LEGEND

- REMOVE PARTITION.
- REMOVE ELEMENT.
- REMOVE WINDOW.
- REMOVE DOOR.
- REMOVE TOILET AND LAVATORY COMPLETE. REMOVE WALL/FLOOR CERAMIC TILE COMPLETE AND PREPARE FLOOR AND WALLS FOR NEW FINISH.

PERMIT SET
ISSUED FOR CONSTRUCTION

ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs / PERMIT SET	06/04/2021

FINAL CONSTRUCTION
DOCUMENTS

E.P.H.A. OFFICE
RENOVATION

3056 Norman Berry Dr, East Point, GA 30344

EXISTING - FLOOR PLANS



D.S., C.R., B.A. 202005.01
Drawn By Project No.
M.HILL 06/04/2021
Approved By Date



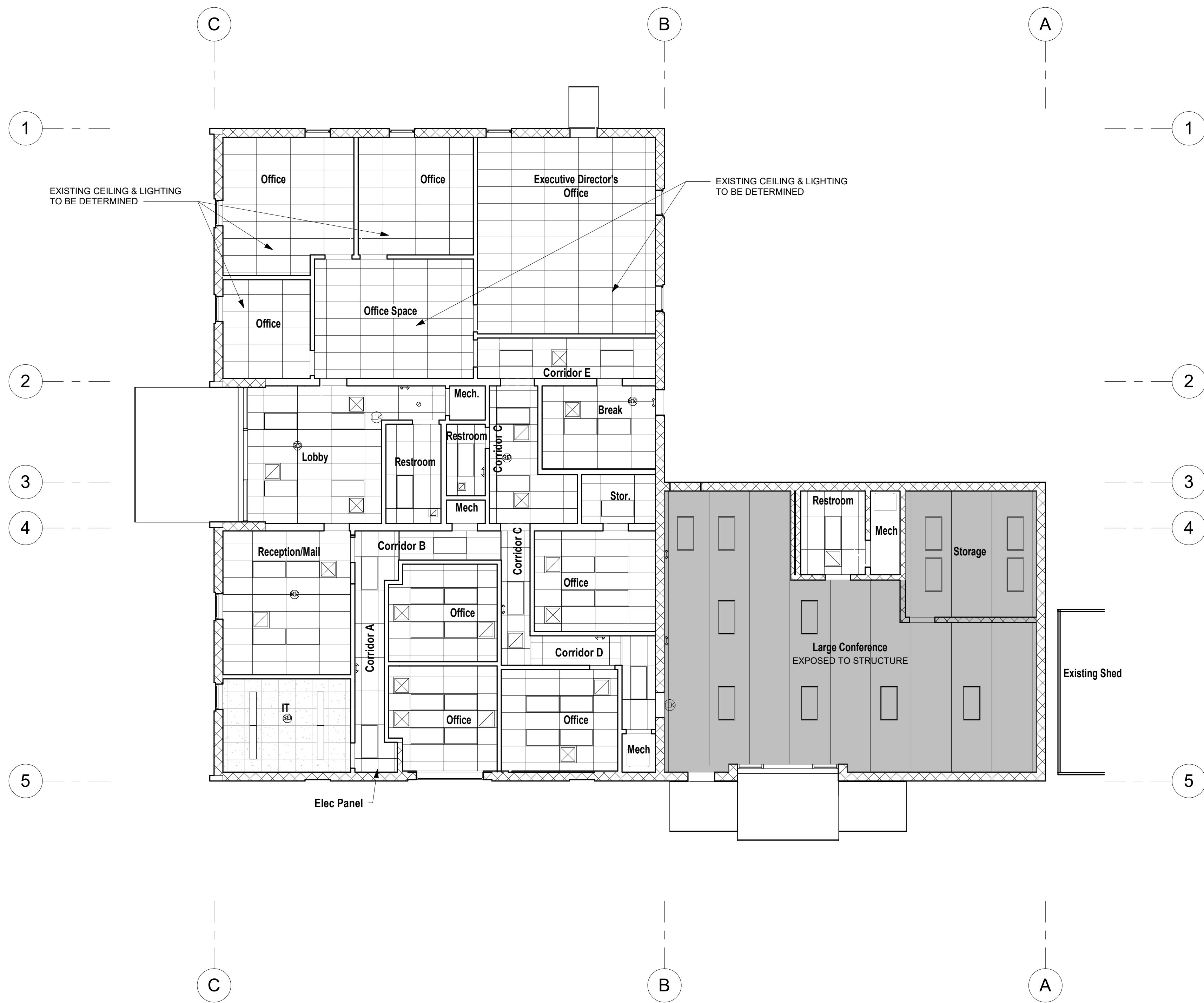
EX-101

Drawing No.



1 EXISTING - FLOOR PLAN
1/8" = 1'-0"

PROJECT NUMBER: 202005.01 PROJECT NAME: E.P.H.A. OFFICE RENOVATION
SHEET NUMBER: EX-111 - EXISTING - REFLECTED CEILING PLAN
C:\Users\SHAPE_TECH7\Documents\R19_EPHA Office Renovation_Central_dsparkmanXM6Q2.rvt
6/4/2021 6:50:09 PM



EXISTING RCP LEGEND

- EXPOSED TO STRUCTURE
- 2x4 ACT CEILING
- 2x2 ACT CEILING
- 2x4 TROFFER LIGHT
- SURFACE MOUNTED RECTANGULAR LIGHT
- RETURN DIFFUSER
- SUPPLY DIFFUSER
- SMOKE DETECTOR

PERMIT SET
ISSUED FOR CONSTRUCTION

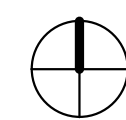
ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs / PERMIT SET	06/04/2021

FINAL CONSTRUCTION
DOCUMENTS

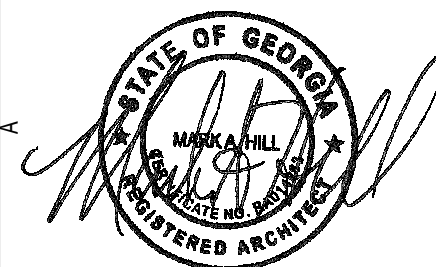
E.P.H.A. OFFICE
RENOVATION

3056 Norman Berry Dr, East Point, GA 30344

EXISTING - REFLECTED
CEILING PLAN



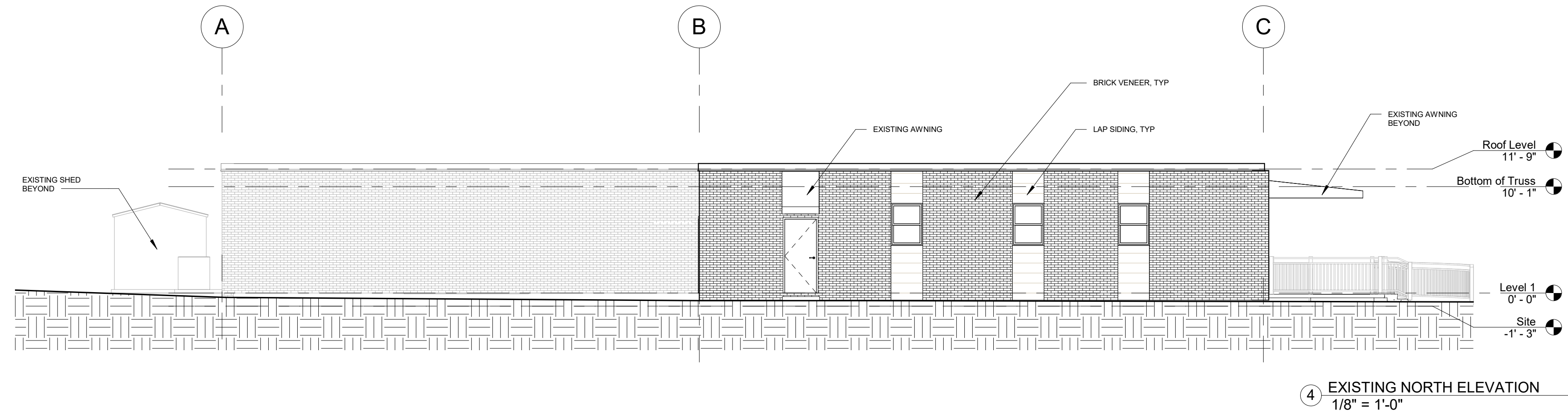
D.S., C.R., B.A.	202005.01
Drawn By	Project No.
M.HILL	06/04/2021
Approved By	Date



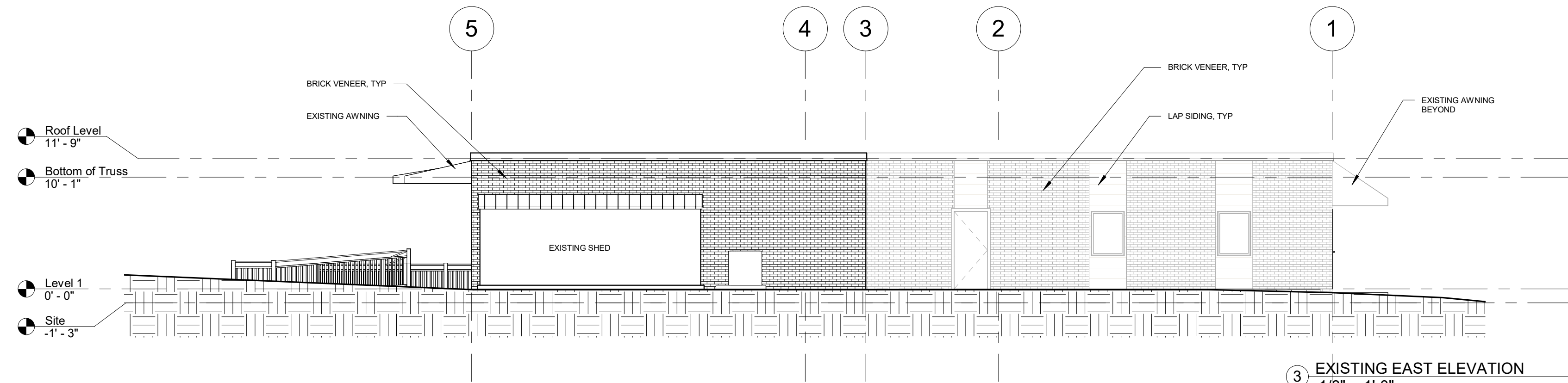
EX-111

Drawing No.

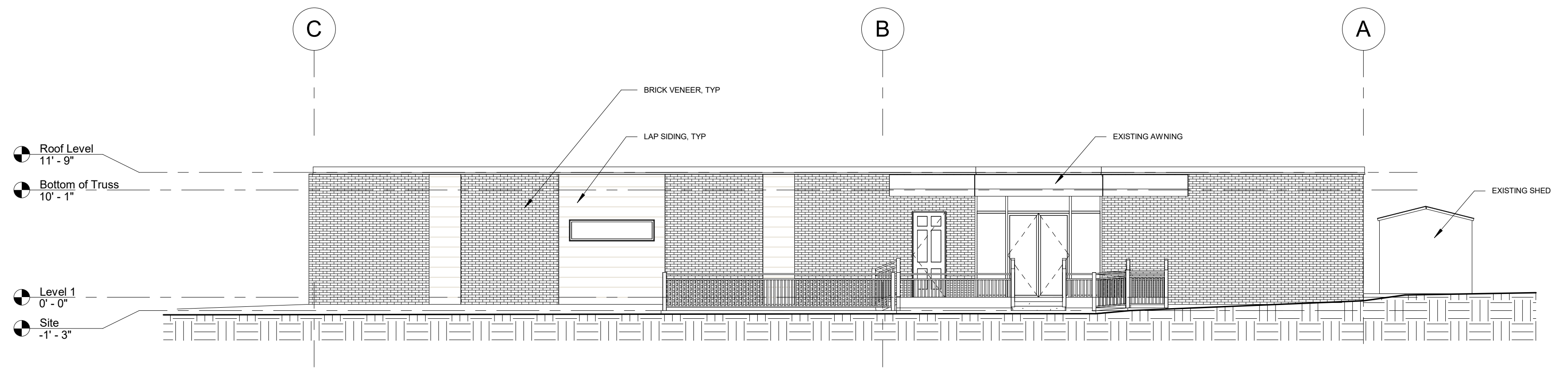
1 EXISTING - REFLECTED CEILING PLAN
1/8" = 1'-0"



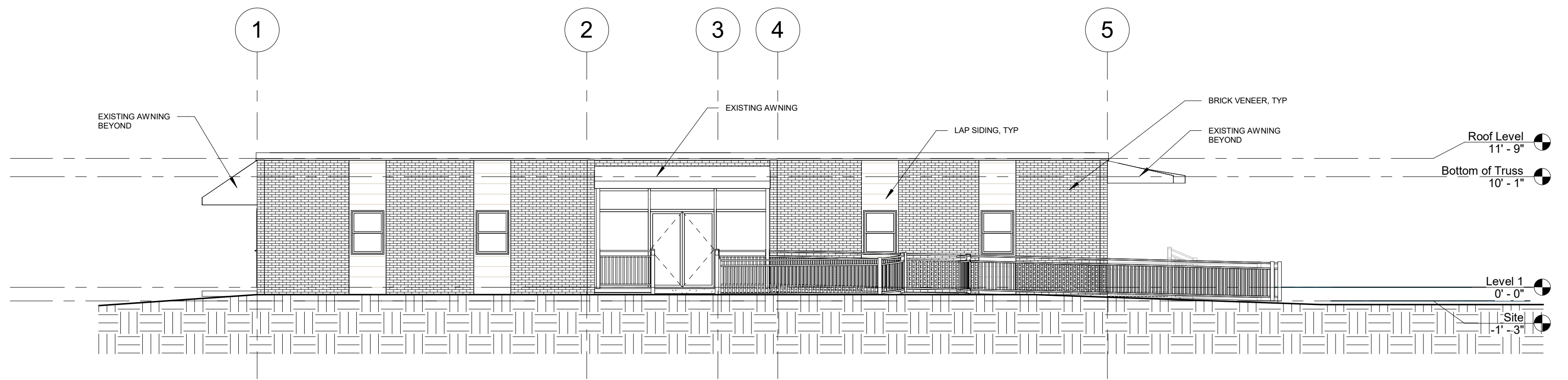
4 EXISTING NORTH ELEVATION
1/8" = 1'-0"



3 EXISTING EAST ELEVATION
1/8" = 1'-0"



2 EXISTING SOUTH ELEVATION
1/8" = 1'-0"



1 EXISTING WEST ELEVATION
1/8" = 1'-0"

PERMIT SET ISSUED FOR CONSTRUCTION

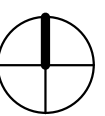
ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs / PERMIT SET	06/04/2021

FINAL CONSTRUCTION DOCUMENTS

E.P.H.A. OFFICE RENOVATION

3056 Norman Berry Dr, East Point, GA 30344

EXISTING - BUILDING ELEVATIONS



D.S., C.R., B.A.	202005.01
Drawn By	Project No.
M.HILL	06/04/2021
Approved By	Date



EX-200

Drawing No.

1. DEMOLITION CONTRACTOR (DC) PERFORM SITE VISIT OF ALL AREAS SLATED FOR DEMOLITION AND FIELD VERIFY EXISTING CONDITIONS PRIOR TO START OF DEMOLITION. NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN DEMOLITION DRAWINGS AND FIELD CONDITIONS.
2. DC EXPLORATORY DEMOLITION SHALL INCLUDE DETECTION AT THE REQUEST OF STRUCTURAL ENGINEER TO VERIFY CONDITION OF HIDDEN STRUCTURAL ELEMENTS.
3. DC SHALL ENCLOSE AREAS, PROVIDE CHUTES AND APPLICATED CONSTRUCTION AS REQUIRED TO MINIMIZE THE IMPACT OF DUST AND DEBRIS AS A RESULT OF DEMOLITION WORK.
4. DC IS RESPONSIBLE FOR INSPECTING THE EXISTING BUILDING FOR ANY HAZARDS THAT WOULD REQUIRE ENVIRONMENTAL REMEDIATION. DC SHALL NOTIFY OWNER IMMEDIATELY UPON DISCOVERY OF ANY HAZARDOUS MATERIAL.
5. DC TO ENSURE THAT ALL ELEMENTS AND FINISHES THAT ARE CALLED OUT TO REMAIN IN BUILDING ARE PROTECTED DURING DEMOLITION.
6. REMOVE ALL MISCELLANEOUS NON-STRUCTURAL METAL STRAPS, PLATES, PIPES, BRACKETS AND ANCHORS FROM EXTERIOR AND INTERIOR FACADE, WALLS AND CEILING.
7. DC IS RESPONSIBLE FOR OBTAINING AND PAYING FOR ANY NECESSARY PERMITS REQUIRED FOR DEMOLITION WORK.
8. DC TO ERECT BARRICADES THAT COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS AROUND ALL NEW AND EXISTING FLOOR PENETRATIONS.
9. DC TO IDENTIFY AREAS IN NEED OF STRUCTURAL REPAIR OR AREAS OF SLAB AND STRUCTURE THAT SHOW DETERIORATION. CONSULT WITH STRUCTURAL ENGINEER PRIOR TO REMOVING DAMAGED STEEL OR CONCRETE. NOTIFY ARCHITECT AND ENGINEER IF ANY NEW DAMAGE IS IDENTIFIED.
10. DC TO REMOVE ALL MISCELLANEOUS DEBRIS LOCATED THROUGHOUT EXISTING TENANT SPACE OR OTHER AREAS OF THE BUILDING.
11. DC TO SHUT-OFF/TERMINATE ALL WATER, ELECTRICAL, AND GAS SERVICES PRIOR TO BEGINNING DEMOLITION.
12. ALL EXISTING FIRE PROTECTION RISERS, PUMPS, AND CONTROLS TO REMAIN. DC TO IDENTIFY AND MAINTAIN ALL EXISTING FIRE PROTECTION RISERS, PUMPS, AND CONTROLS ON ALL FLOORS THROUGHOUT DEMOLITION.
13. DC SHALL VERIFY EXTENT OF DAMAGED AND BULGED WOOD PLANK FLOORING TO BE REMOVED. COORDINATE AREAS WITH GC PRIOR TO REMOVAL OF ANY FLOORING.
14. ALL EXISTING INTERIOR FLOOR DRAINS/LINES TO REMAIN. DC TO IDENTIFY AND MAINTAIN ALL EXISTING FLOOR DRAIN/LINES ON ALL FLOORS THROUGHOUT DEMOLITION.
15. PROVIDE TEMPORARY ENCLOSURES AT ALL EXTERIOR WALL AND CEILING DEMOLITION LOCATIONS.
16. SHORING/SUPPORTS TO BE PROVIDED AT ALL DEMOLITION LOCATIONS AS REQUIRED BY THE STRUCTURAL ENGINEER. SEE STRUCTURAL SHEETS.
17. ALL STRUCTURAL COLUMNS, BEAMS, FLOOR/CEILING SLAB REMAIN EXCEPT WHERE INDICATED BY STRUCTURAL ENGINEER. SEE STRUCTURAL SHEETS.

 REMOVE PARTITION.

 REMOVE ELEMENT.

 REMOVE WINDOW.

 REMOVE DOOR.

 REMOVE TOILET AND LAVATORY COMPLETE. REMOVE WALL/FLOOR CERAMIC TILE COMPLETE AND PREPARE FLOOR AND WALLS FOR NEW FINISH.

ISSUANCES		
No.	Drawing Issue Description	Date
	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs / PERMIT SET	06/04/2021

E.P.H.A. OFFICE RENOVATION

3056 Norman Berry Dr, East Point, GA 30344

D.S., C.R., B.A	202005.01
Drawn By	Project No.
M.HILL	06/04/2021
Approved By	Date



DM-101

Drawing No.

PROJECT NUMBER: 202005.01 PROJECT NAME: E.P.H.A. OFFICE RENOVATION
SHEET NUMBER: DM-101 - DEMOLITION - FLOOR PLAN



NOTE: THE NOTES ON THIS PAGE SHOW THE INTENT OF DEMOLITION REQUIRED FOR THE BUILDING. THEY DO NOT ARTICULATE ALL ELEMENTS THAT ARE TO BE REMOVED. GENERAL AND DEMOLITION CONTRACTORS TO THOROUGHLY INSPECT THE PREMISES PRIOR TO COMMENCEMENT OF WORK AND IDENTIFY ANY LARGE, OR ITEMS OF POTENTIAL SIGNIFICANT COST, THAT HAVE NOT BEEN MARKED ON THESE DRAWINGS AND REPORT THEM TO THE ARCHITECT AND OWNER.

DEMOLITION RCP LEGEND

- REMOVE PARTITION.
- REMOVE ELEMENT.
- EXISTING ACT CEILING TO REMAIN.
- EXISTING, OPEN TO STRUCTURE TO REMAIN

PERMIT SET
ISSUED FOR CONSTRUCTION

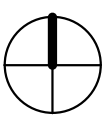
ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs / PERMIT SET	06/04/2021

FINAL CONSTRUCTION
DOCUMENTS

E.P.H.A. OFFICE
RENOVATION

3056 Norman Berry Dr, East Point, GA 30344

DEMOLITION - REFLECTED
CEILING PLAN



D.S., C.R., B.A. 202005.01
Drawn By Project No.
M.HILL 06/04/2021
Approved By Date



DM-111

Drawing No.



NOTE:
THE NOTES ON THIS PAGE SHOW THE INTENT OF DEMOLITION REQUIRED FOR THE BUILDING. THEY DO NOT ARTICULATE ALL ELEMENTS THAT ARE TO BE REMOVED. GENERAL AND DEMOLITION CONTRACTORS TO THOROUGHLY INSPECT THE PREMISES PRIOR TO COMMENCEMENT OF WORK AND IDENTIFY ANY LARGE, OR ITEMS OF POTENTIAL SIGNIFICANT COST, THAT HAVE NOT BEEN MARKED ON THESE DRAWINGS AND REPORT THEM TO THE ARCHITECT AND OWNER.

PLAN LEGEND

- NEW PARTITION
- EXISTING PARTITION
- 1-HR RATED PARTITION
- NEW EXTERIOR MASONRY WALL
- EXISTING EXTERIOR MASONRY WALL
- WINDOW TYPE. REFERENCE WINDOW SCHEDULE ON SHEET A500.
- DOOR TYPE. REFERENCE DOOR SCHEDULE ON SHEET A500.
- PARTITION TYPE. REF. PARTITION SCHEDULE ON PLAN SHEETS. INTERIOR PARTITIONS TAGGED WITH 'S' MODIFIER ARE TO RECEIVE ACOUSTIC INSULATION
- WALL MOUNTED CARD READER
- 3D VIEW CALLOUT

PERMIT SET ISSUED FOR CONSTRUCTION

ISSUANCES		
No.	Drawing Issue Description	Date
1	FINAL CDs / PERMIT SET	06/04/2021

FINAL CONSTRUCTION DOCUMENTS

E.P.H.A. OFFICE RENOVATION

3056 Norman Berry Dr, East Point, GA 30344

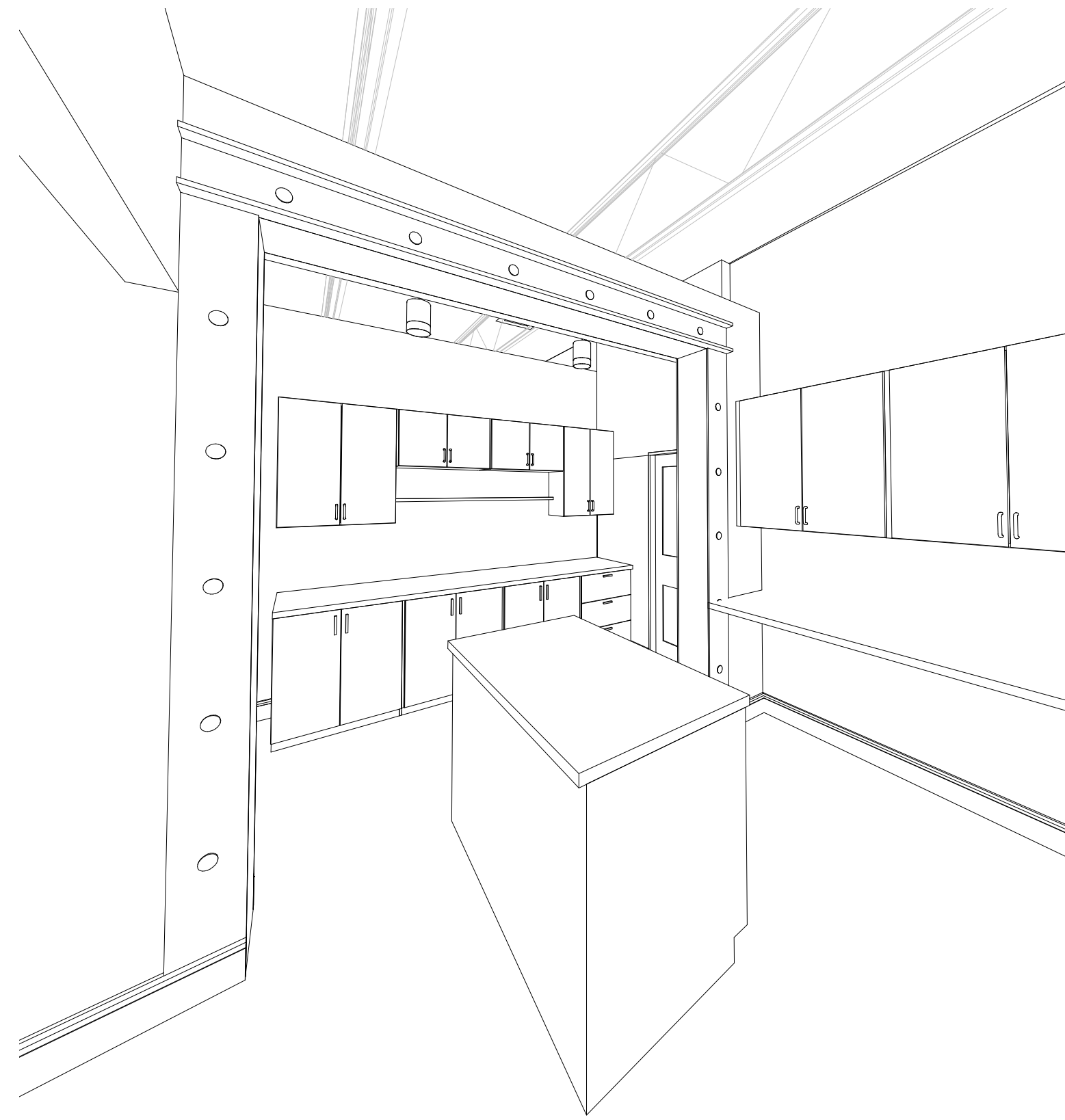
GROUND FLOOR KEY PLAN

D.S., C.R., B.A. 202005.01
Drawn By Project No.
M.HILL 06/04/2021
Approved By Date

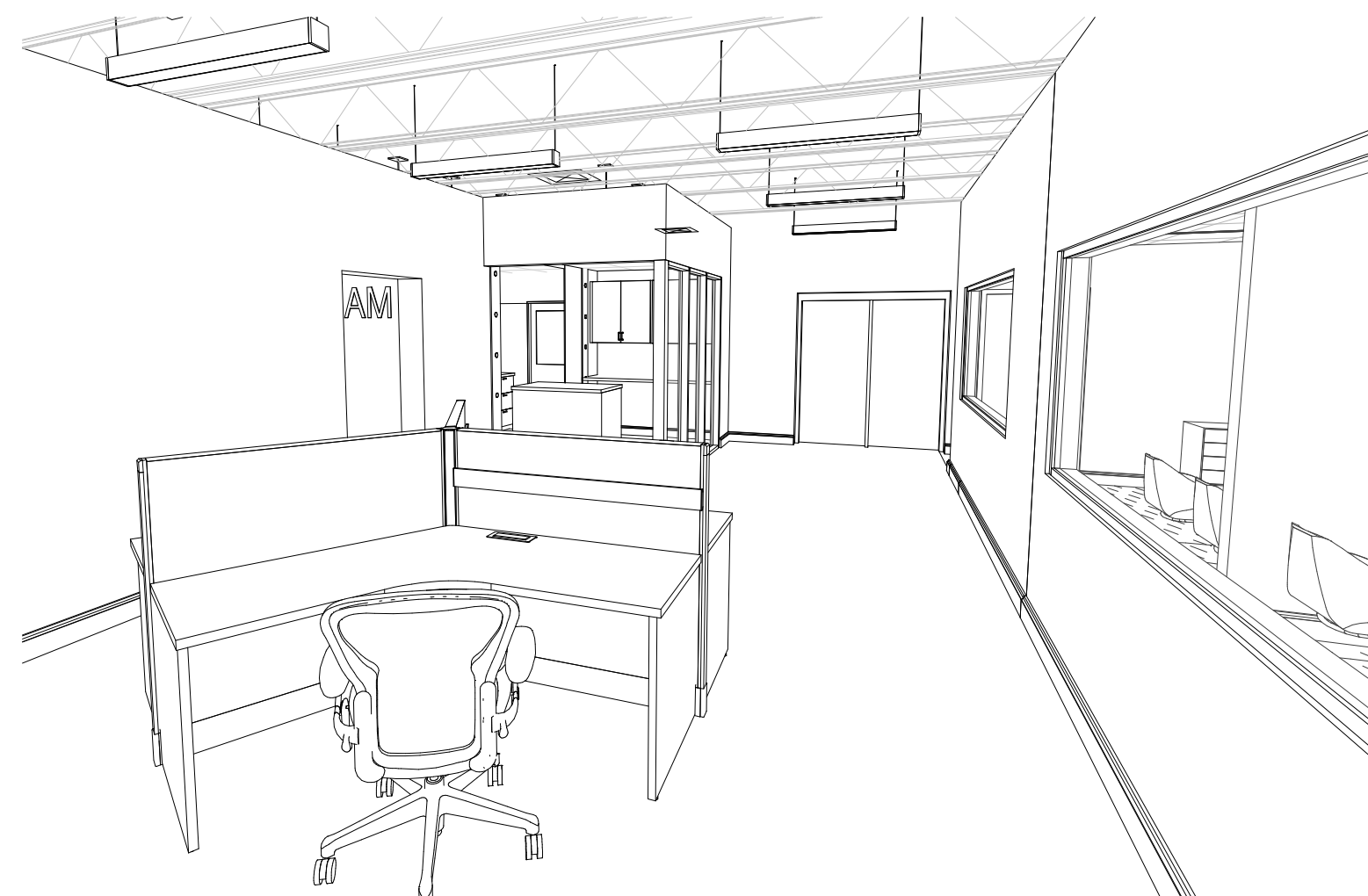


A-101

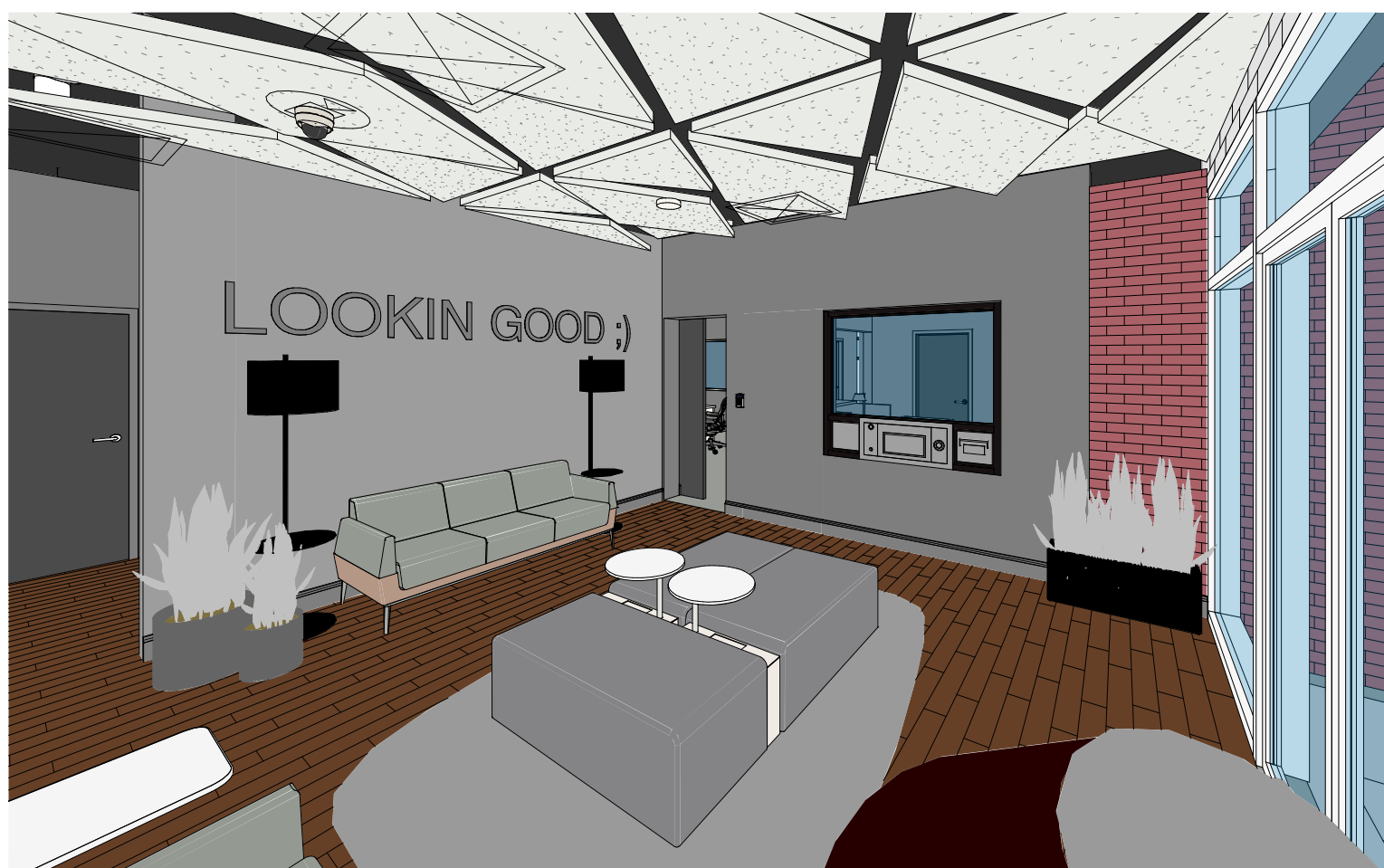
Drawing No.



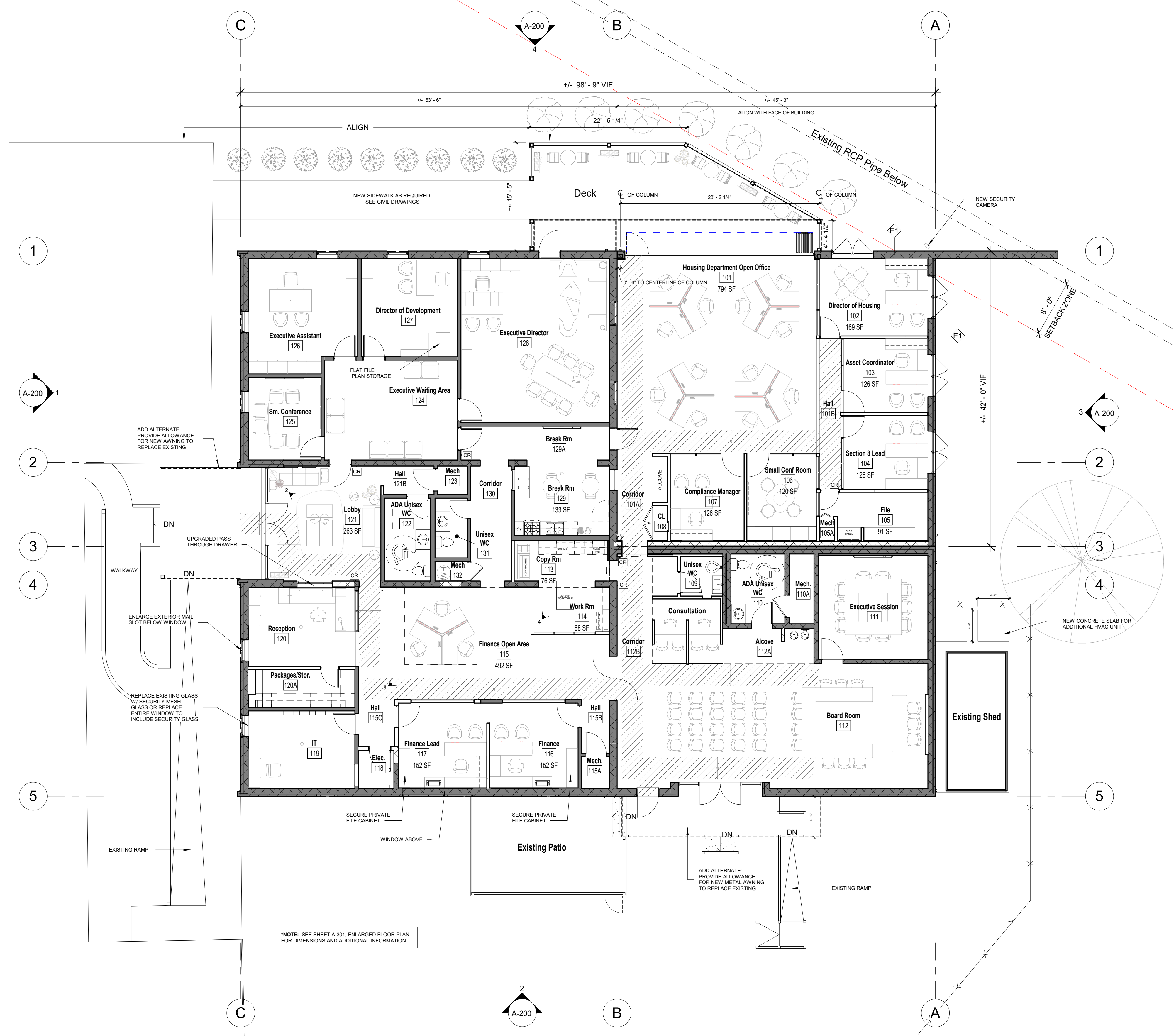
8. VIEW FROM WORK RM



VIEW IN OPEN AREA

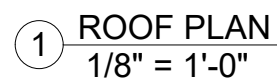


VIEW IN THE LOBBY



*NOTE: SEE SHEET A-301, ENLARGED FLOOR PLAN FOR DIMENSIONS AND ADDITIONAL INFORMATION

1 FLOOR PLAN
1/8" = 1'-0"

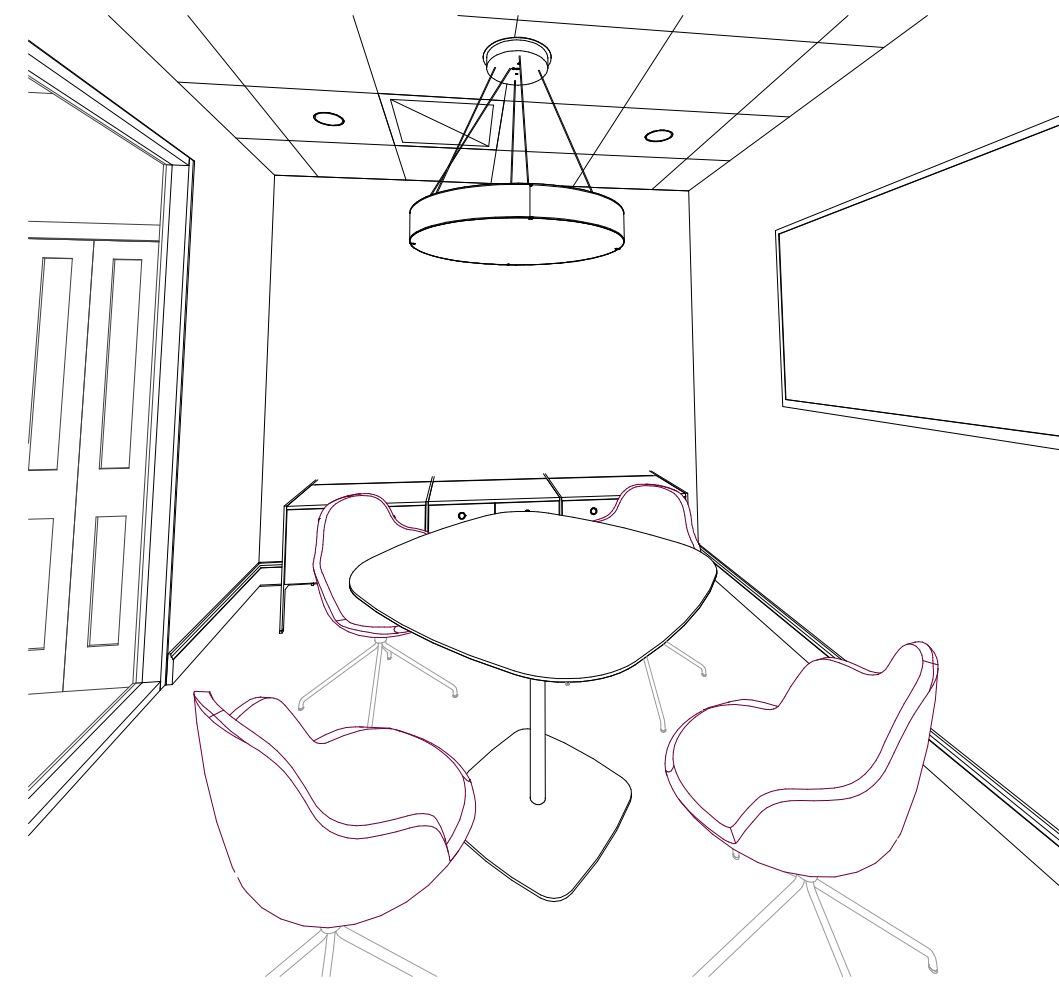


ISSUANCES	
Drawing Issue Description	Date
ISSUED FOR PRICING	11/16/2020
FINAL CDs / PERMIT SET	06/04/2021

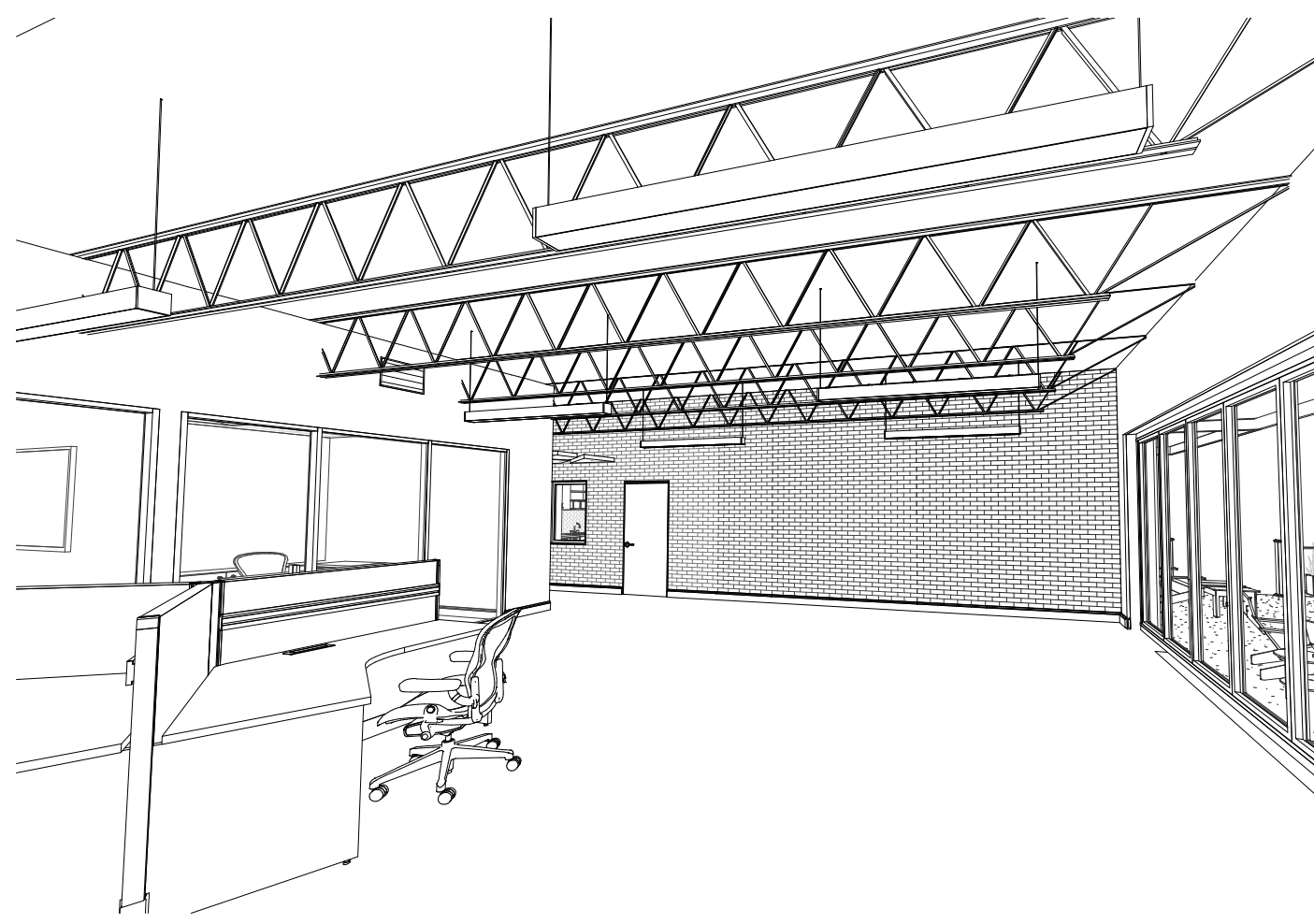
**E.P.H.A. OFFICE
RENOVATION**
3056 Norman Berry Dr, East Point, GA 30344


 A-102

Drawing No.



4 EXPANSION SM CONF RM



3 DOH OPEN OFFICE - LOOKING WEST



2 EXPANSION OPEN OFFICE



1 REFLECTED CEILING PLAN
1/8" = 1'-0"

RCP LEGEND

CEILING TYPES

	EXISTING 2x2 ACT CEILING TO REMAIN.
	EXISTING 2x4 ACT CEILING TO REMAIN.
	EXISTING, OPEN TO STRUCTURE TO REMAIN
	NEW 2x2 ACT CEILING
	NEW 2x4 ACT CEILING
	GYP CEILING
	SUSPENDED CLOUD CEILING W/ INTEGRATED LIGHTING. SEE RCP FOR GEOMETRY - TYPE A
	SUSPENDED CLOUD CEILING W/ INTEGRATED LIGHTING. SEE RCP FOR GEOMETRY - TYPE B
	SUSPENDED CLOUD CEILING W/ INTEGRATED LIGHTING. SEE RCP FOR GEOMETRY - TYPE C
	SUSPENDED CLOUD CEILING W/ INTEGRATED LIGHTING. SEE RCP FOR GEOMETRY - TYPE D

DEVICES

	ACCESS PANEL
	RETURN AIR DIFFUSER
	SUPPLY AIR DIFFUSER
	LINEAR SLOT DIFFUSER
	SMOKE DETECTOR
	INTERIOR CEILING MOUNTED SECURITY CAMERA

FIXTURE LEGEND

	GENERAL LED PENDANT LIGHT A1
	GENERAL LED SURFACE MOUNTED LIGHT A2
	4' RECESSED LINEAR LED LIGHT
	6' RECESSED LINEAR LED LIGHT
	LINEAR LED CLOUD LIGHTS
	3' SUSPENDED LED LINEAR LIGHT
	4' SUSPENDED LED LINEAR LIGHT
	6' SUSPENDED LED LINEAR LIGHT
	8' SUSPENDED LED LINEAR LIGHT
	WALL MOUNTED FIXTURE, SCONCE
	EXTERIOR WALL SCONCE
	RECESSED DOWN LIGHT - ROUND
	2x2 LED TROFFER LIGHT
	2x4 LED TROFFER LIGHT
	ROUND LED DECORATIVE PENDANT LIGHT
	ROUND LED DECORATIVE PENDANT LIGHT
	ROUND LED DECORATIVE PENDANT LIGHT
	WALL MOUNTED EXIT SIGN
	WALL MOUNTED EMERGENCY LIGHTING

GENERAL CEILING PLAN NOTES

- REFER TO SHEET T-002 FOR ABBREVIATIONS
- REFER TO MECHANICAL AND ELECTRICAL GENERAL INFORMATION SHEET FOR ADDITIONAL CEILING SYMBOLS AND ABBREVIATIONS
- COORDINATE LOCATION OF ALL ELEMENTS WITHIN HARD CEILING WITH ARCHITECT PRIOR TO INSTALLATION
- REFER TO FLOOR PLANS FOR PARTITION TYPE DESIGNATIONS
- ALL SPEAKERS SHALL BE MOUNTED TO CEILING STRUCTURAL BEAMS.
- CENTER ALL CEILING GRIDS WITHIN ROOMS UNLESS NOTED OTHERWISE
- CENTER ALL SMOKE DETECTORS WHEN LOCATED IN GYP. BD. CORRIDOR CEILING.
- EXISTING CEILINGS:**
PATCH AND REPAIR EXISTING CEILING TO MATCH ADJACENT EXISTING CONSTRUCTION AT COMPLETION OF OVERHEAD PLUMBING AND MECHANICAL WORK. RE: MECH DRAWINGS
- EXPOSED CEILINGS:**
IN ALL SPACES WITH CEILINGS EXPOSED TO STRUCTURE, PAINT THE UNDERSIDE OF THE ROOF DECK, EXPOSED DUCTWORK, AND EXPOSED CONDUITS BLACK
- SUSPENDED CLOUD CEILINGS:**
REFER TO FINAL CONSTRUCTION DOCUMENTS / BID SET, OUTLINE MATERIAL CUT SHEET BOOKLET FOR INTENT AND REFERENCE.
- WOOD CEILINGS:**
REFER TO FINAL CONSTRUCTION DOCUMENTS / BID SET, OUTLINE MATERIAL CUT SHEET BOOKLET FOR INTENT.

PERMIT SET ISSUED FOR CONSTRUCTION

ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs / PERMIT SET	06/04/2021

FINAL CONSTRUCTION DOCUMENTS

E.P.H.A. OFFICE RENOVATION

3056 Norman Berry Dr, East Point, GA 30344

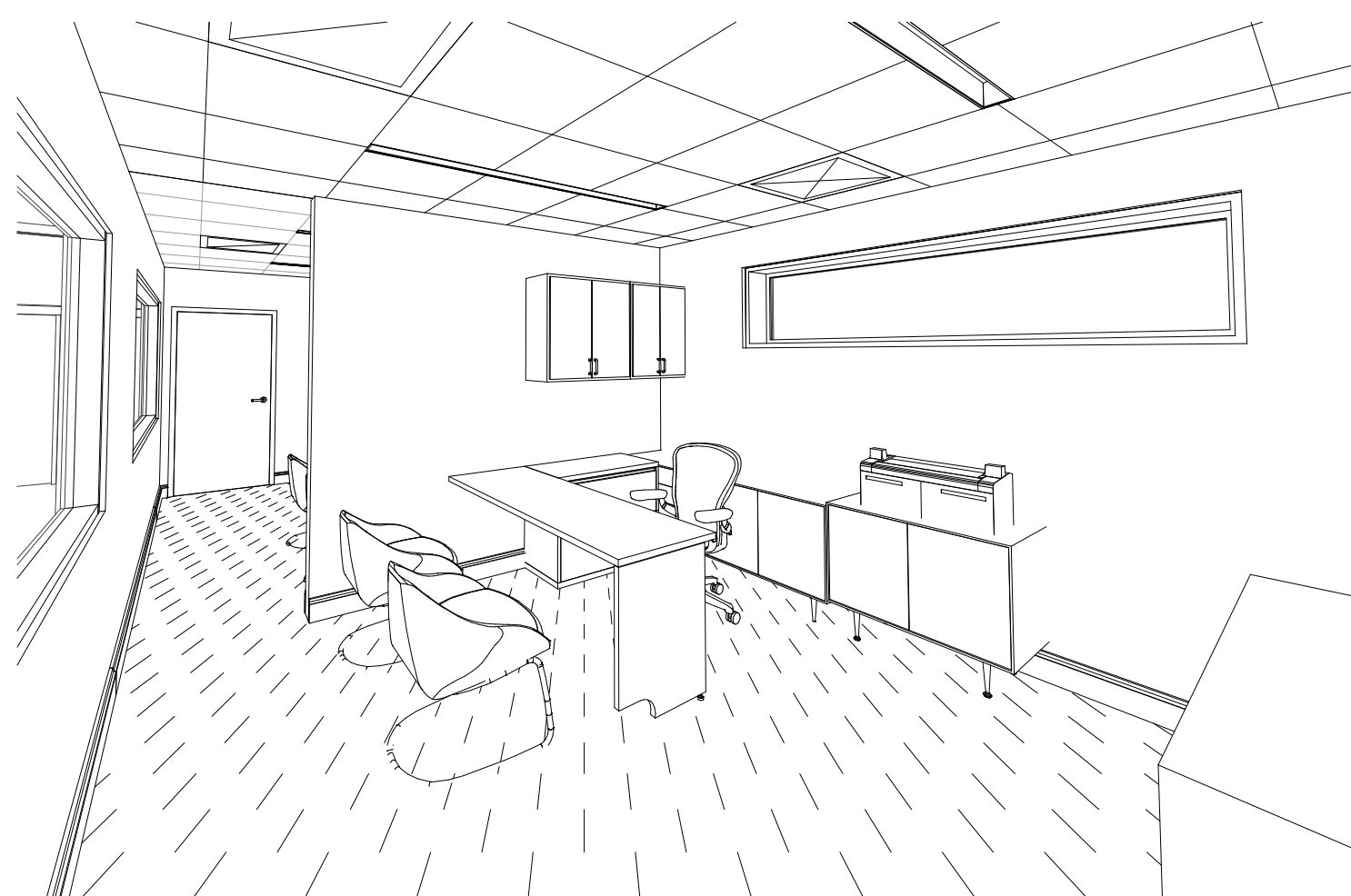
REFLECTED CEILING KEY PLAN

D.S., C.R., B.A.	202005.01
Drawn By	Project No.
M.HILL	06/04/2021
Approved By	Date



A-111

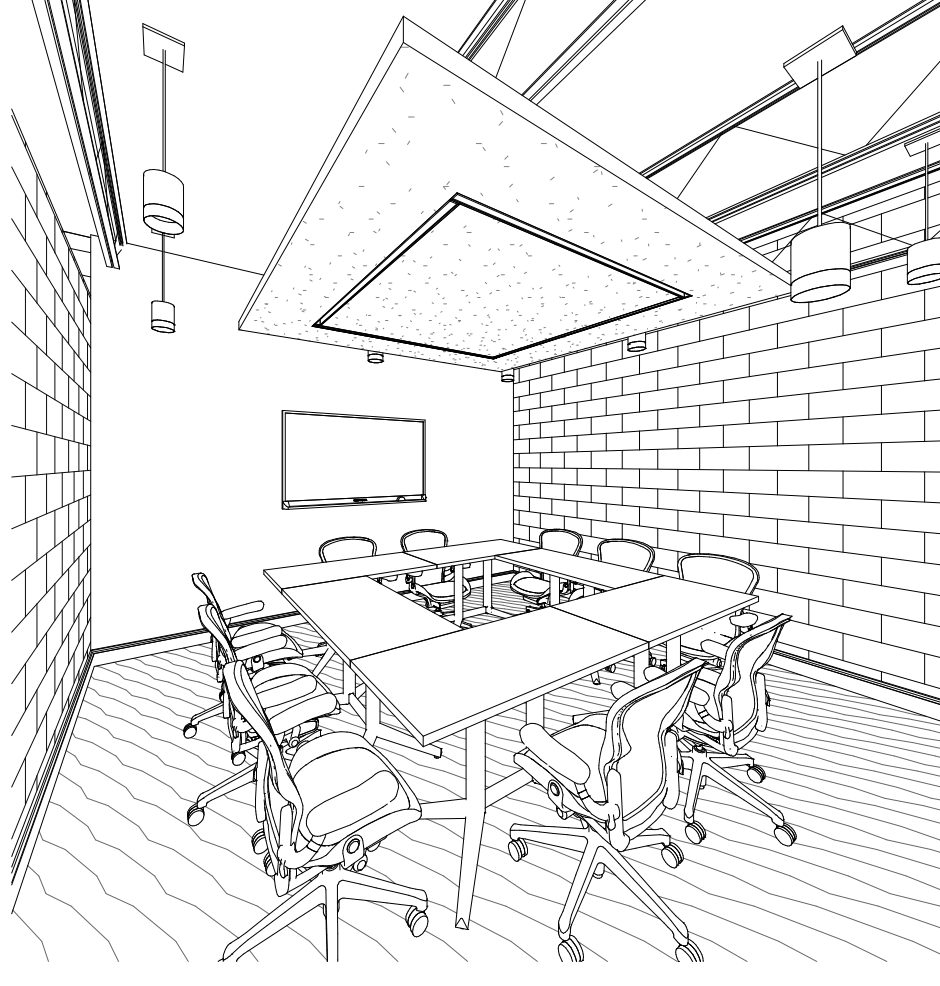
Drawing No.



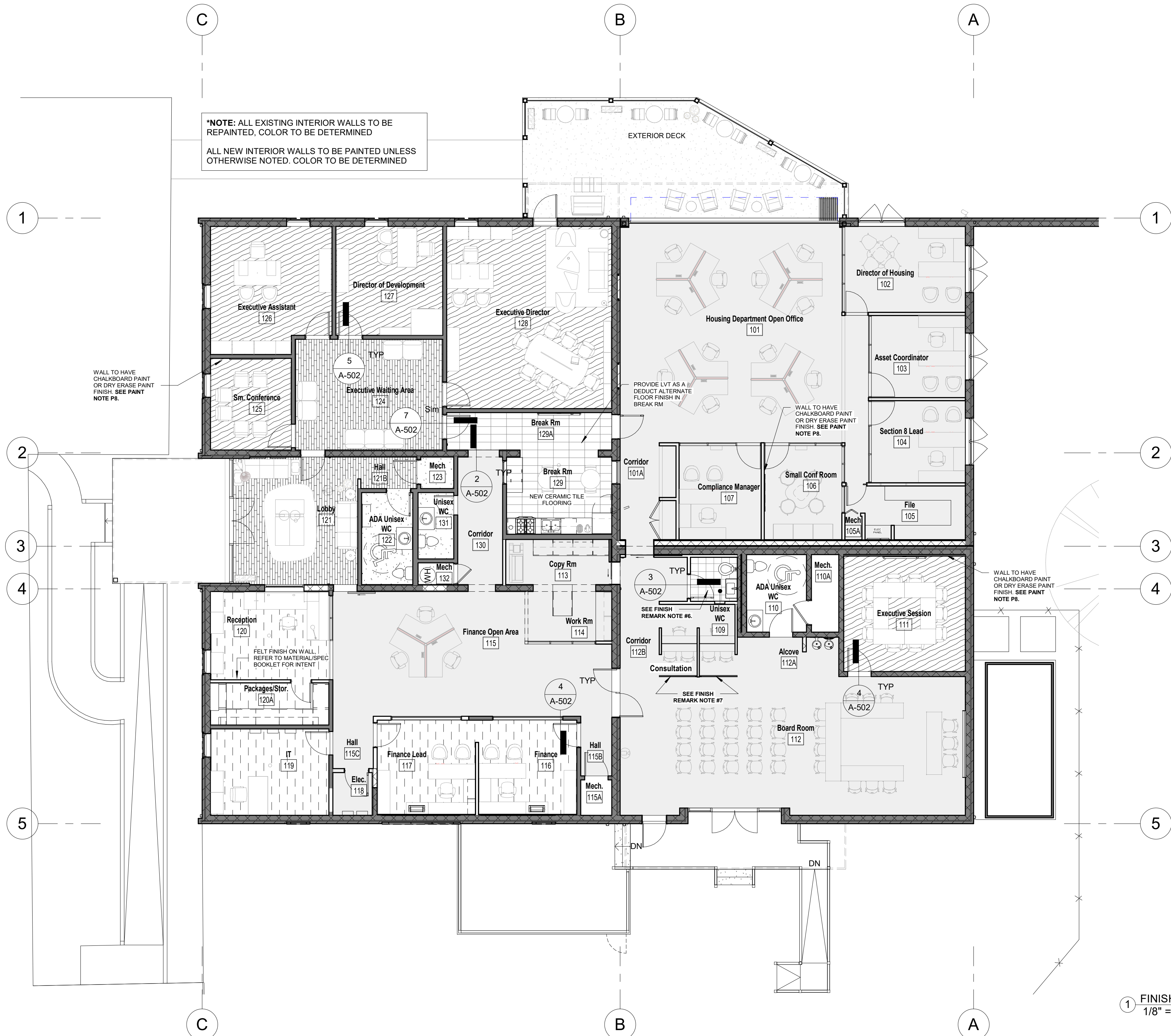
4 FINANCE LEAD OFFICE



3 CONSULTATION SPACE



2 EXECUTIVE SESSION



*NOTE: ALL EXISTING INTERIOR WALLS TO BE REPAINTED, COLOR TO BE DETERMINED
ALL NEW INTERIOR WALLS TO BE PAINTED UNLESS OTHERWISE NOTED, COLOR TO BE DETERMINED

WALL TO HAVE CHALKBOARD PAINT OR DRY ERASE PAINT FINISH. SEE PAINT NOTE P8.

PROVIDE LVT AS A DEDUCT ALTERNATE FLOOR FINISH IN BREAK RM

WALL TO HAVE CHALKBOARD PAINT OR DRY ERASE PAINT FINISH. SEE PAINT NOTE P8.

SEE FINISH REMARK NOTE #6.

SEE FINISH REMARK NOTE #7.

1 FINISH FLOOR PLAN
1/8" = 1'-0"

GENERAL NOTES

- ANY NOTE REFERRING TO "MATCH EXISTING" REQUIRES EXISTING FINISHES AND DETAILS TO BE REPLICATED IN FULL UPON COMPLETION OF THE WORK IN THE GIVEN AREA.
- DISCREPANCIES IN FINISH DESIGNATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR RESELECTIONS OR CLARIFICATION.
- WIREWAYS, ACCESS PANELS, MECHANICAL DEVICES, ETC. SHALL BE FINISHED TO MATCH ADJACENT SURFACE UNLESS OTHERWISE NOTED.
- PATCH AND REPAIR ALL EXISTING FINISHES/SURFACES THAT MAYBE AFFECTED BY NEW CONSTRUCTION.
- DIFFUSERS LOCATED IN GWB CEILING APPLICATIONS TO MATCH WHITE FINISH OF CEILING SUSPENSION SYSTEM.
- REPAIR/REPLACE WALL BASES AS REQUIRED
- REFER TO FINAL CONSTRUCTION DOCUMENTS / BID SET: OUTLINE MATERIAL CUT SHEET BOOKLET FOR ADDITIONAL MATERIAL INFORMATION & REFERENCES.

PAINT NOTES

- ALL EXISTING INTERIOR WALLS TO BE REPAINTED, COLOR TO BE DETERMINED.
- ALL NEW INTERIOR WALLS TO BE PAINTED, COLOR TO BE DETERMINED
- CEILINGS SCHEDULED TO RECEIVE PAINT SHALL RECEIVE A FLAT FINISH UNLESS OTHERWISE NOTED .
- WET AREAS SCHEDULED TO RECEIVE PAINT SHALL RECEIVE A SEMI-GLOSS FINISH (E.G. TOILET ROOMS) UNLESS OTHERWISE NOTED.
- ALL DOORS AND FRAMES SCHEDULED TO RECEIVE PAINT SHALL RECEIVE SEMI- GLOSS FINISH.
- TYPICAL CONDITIONS HAVE BEEN INDICATED ON DRAWINGS BUT DO NOT EXPRESS ALL CONDITIONS. THE INDICATION OF PAINTING DOES NOT PRECLUDE PAINTING ON OTHER AREAS NOT SPECIFICALLY INDICATED ON DRAWINGS.
- SURFACES SCHEDULED TO RECEIVE PAINT SHALL RECEIVE PAINT BEHIND SCREENS, TACK BOARDS, MARKER BOARDS AND OTHER APPLIED SURFACES.
- FOR WALLS INDICATED TO RECEIVE CHALKBOARD PAINT OR DRY ERASE PAINT, REFER WALL FINISHES SECTION IN FINAL CONSTRUCTION DOCUMENTS / BID SET: OUTLINE MATERIAL CUT SHEET BOOKLET FOR INTENT.

FINISH REMARK NOTES

- REFER TO FINISH PLANS AND ELEVATIONS FOR ACCENT PAINT LOCATIONS.
- REFER TO CEILING PLANS FOR ACCENT PAINT LOCATIONS ON SOFFITS.
- REFER TO FINISH PLAN FOR FLOOR MATERIAL LOCATIONS.
- LVT FLOOR TILE PATTERN TO BE 1/3 RUNNING BOND.
- NEW CABINETRY CASEWORK TO BE PAINTED.
- UNISEX WC (109) WALLS TO RECEIVE CERAMIC TILE FINISH. REFER TO WALL FINISHES SECTION IN FINAL CONSTRUCTION DOCUMENTS / BID SET: OUTLINE MATERIAL CUT SHEET BOOKLET FOR INTENT
- FOR GLAZED PARTITIONS AT CONSULTATION SPACE REFER TO WALL FINISHES SECTION IN FINAL CONSTRUCTION DOCUMENTS / BID SET: OUTLINE MATERIAL CUT SHEET BOOKLET FOR INTENT

FLOORING NOTES

- REFER TO FINISH PLANS, DRAWING SHEETS A-121 FOR FLOOR PATTERN PLANS.
- EXTEND FLOORING INTO TOE SPACES AND KNEE SPACES AS NEEDED.
- ALL GROUT JOINTS TO ALIGN UNLESS NOTED OTHERWISE. CONTRACTOR TO SUBMIT PROPOSED GROUT/TILE LAYOUT FOR ARCHITECT REVIEW/APPROVAL.
- PREPARE ALL FLOORING SUBSTRATES TO RECEIVE NEW FLOORING MATERIAL. MAKE ALL TRANSITIONS FLUSH AND CLEAN AS REQUIRED TO RECEIVE NEW FLOORING MATERIAL.
- INSTALL FLOORING UNDER ALL FLOOR MOUNTED EQUIPMENT.
- FLOORING CONTRACTOR TO SUBMIT PATTERN LAYOUT TO ARCHITECT FOR ACCEPTANCE PRIOR TO INSTALLATION.
- TERMINATE FLOORING MATERIAL UNDER DOOR LEAF WHERE ADJACENT FLOOR FINISH AND/OR COLOR IS DISSIMILAR UNLESS NOTED OTHERWISE .
- TRANSITION/REDUCER STRIPS OR FULL DOOR FRAME WIDTH SADDLES SHALL BE USED AT MATERIAL HEIGHT DIFFERENCES AND DISSIMILAR MATERIALS, UNLESS NOTED OTHERWISE.
- CERAMIC TILE FLOORING IN ALL EXISTING RESTROOMS & MECHANICAL ROOMS IS TO REMAIN UNLESS NOTED OTHERWISE
- REFER TO FINAL CONSTRUCTION DOCUMENTS / BID SET: OUTLINE MATERIAL CUT SHEET BOOKLET FOR NEW FLOOR MATERIAL INTENT

FINISH PLAN LEGEND

- CPT-1: CARPET TYPE 1
SEE PRELIMINARY MATERIAL SPEC BOOKLET
- CPT-2: CARPET TYPE 2
SEE PRELIMINARY MATERIAL SPEC BOOKLET
- CT-1: TILE FLOORING TYPE 1
SEE PRELIMINARY MATERIAL SPEC BOOKLET
- CT-2: TILE FLOORING TYPE 1
SEE PRELIMINARY MATERIAL SPEC BOOKLET
- LVT-1: LUXURY VINYL TILE
SEE PRELIMINARY MATERIAL SPEC BOOKLET
- PC-1: POLISHED CONCRETE TYPE 1
- WP-1: WOOD PLANK DECK FLOORING
SEE PRELIMINARY MATERIAL SPEC BOOKLET
- ETR: EXISTING FLOOR MATERIAL TO REMAIN

PERMIT SET ISSUED FOR CONSTRUCTION

ISSUANCES		
No.	Drawing Issue Description	Date
1	FINAL CDs / PERMIT SET	06/04/2021

FINAL CONSTRUCTION DOCUMENTS

E.P.H.A. OFFICE RENOVATION

3056 Norman Berry Dr, East Point, GA 30344

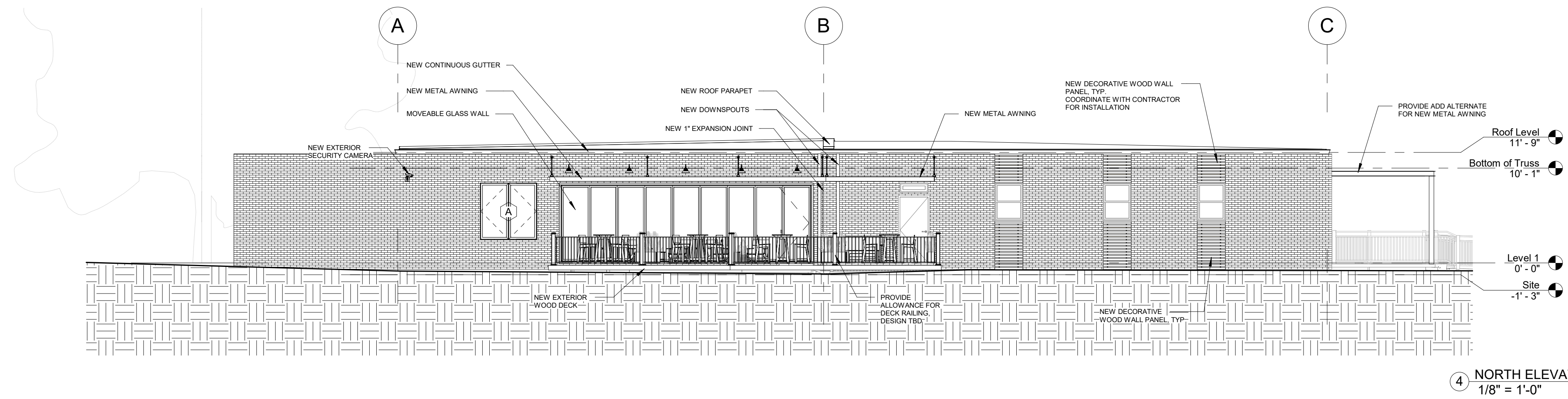
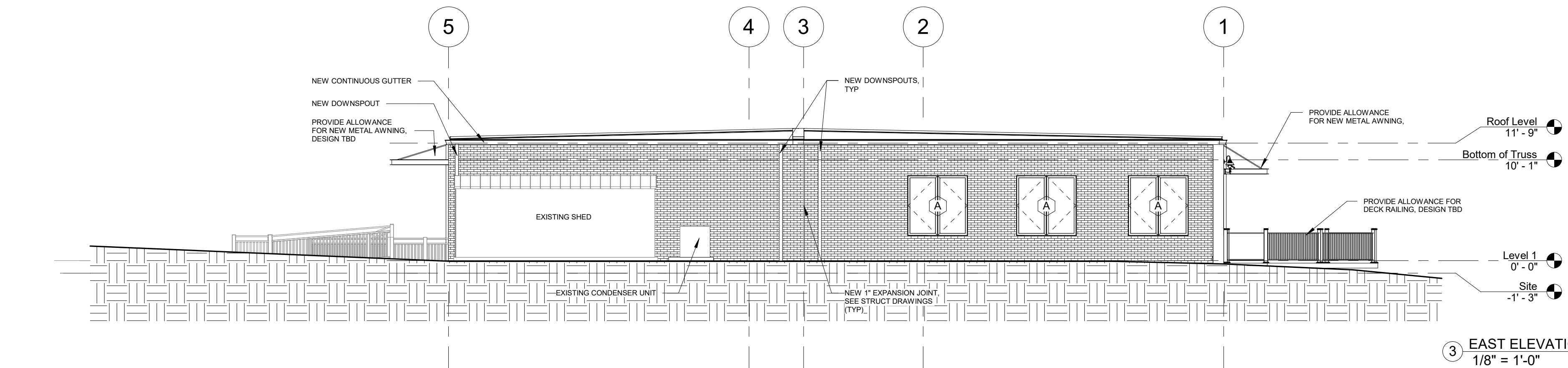
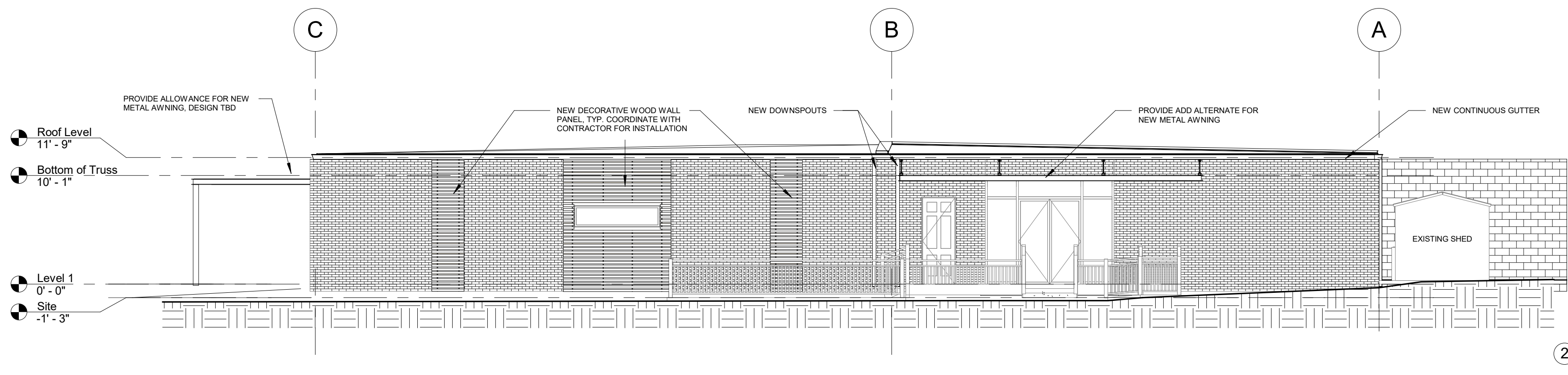
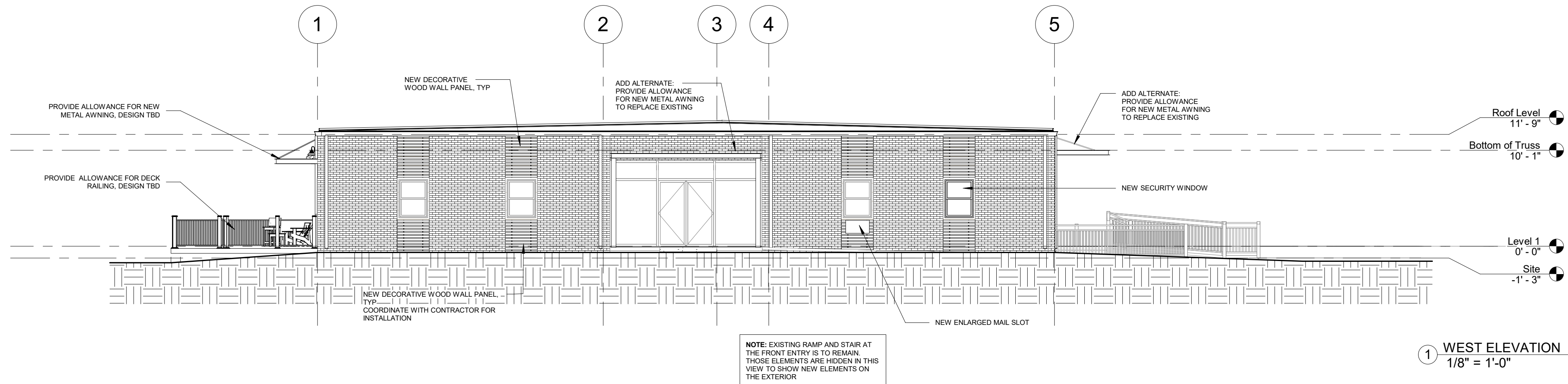
FINISH PLAN

D.S., C.R., B.A. 202005.01
Drawn By Project No.
M.HILL 06/04/2021
Approved By Date



A-121

Drawing No.

4 NORTH ELEVATION
1/8" = 1'-0"3 EAST ELEVATION
1/8" = 1'-0"2 SOUTH ELEVATION
1/8" = 1'-0"1 WEST ELEVATION
1/8" = 1'-0"

NOTE: EXISTING RAMP AND STAIR AT
THE FRONT ENTRY IS TO REMAIN.
THOSE ELEMENTS ARE HIDDEN IN THIS
VIEW TO SHOW NEW ELEMENTS ON
THE EXTERIOR.

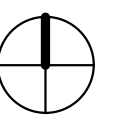
PERMIT SET
ISSUED FOR CONSTRUCTION

ISSUANCES		
No.	Drawing Issue Description	Date
1	FINAL CDs / PERMIT SET	06/04/2021

FINAL CONSTRUCTION
DOCUMENTSE.P.H.A. OFFICE
RENOVATION

3056 Norman Berry Dr, East Point, GA 30344

BUILDING ELEVATIONS



D.S., C.R., B.A. 202005.01
Drawn By Project No.
M.HILL 06/04/2021
Approved By Date



A-200

Drawing No.

PLAN LEGEND

- NEW PARTITION
- EXISTING PARTITION
- 1-HR RATED PARTITION
- NEW EXTERIOR MASONRY WALL
- EXISTING EXTERIOR MASONRY WALL
- WINDOW TYPE. REFERENCE WINDOW SCHEDULE ON SHEET A500.
- DOOR TYPE. REFERENCE DOOR SCHEDULE ON SHEET A500.
- PARTITION TYPE. REF. PARTITION SCHEDULE ON PLAN SHEETS. INTERIOR PARTITIONS TAGGED WITH 's' MODIFIER ARE TO RECEIVE ACOUSTIC INSULATION
- WALL MOUNTED CARD READER
- 3D VIEW CALLOUT

PERMIT SET ISSUED FOR CONSTRUCTION

ISSUANCES		
No.	Drawing Issue Description	Date
1	FINAL CDs / PERMIT SET	06/04/2021

FINAL CONSTRUCTION DOCUMENTS

E.P.H.A. OFFICE RENOVATION

3056 Norman Berry Dr, East Point, GA 30344

ENLARGED FLOOR PLAN

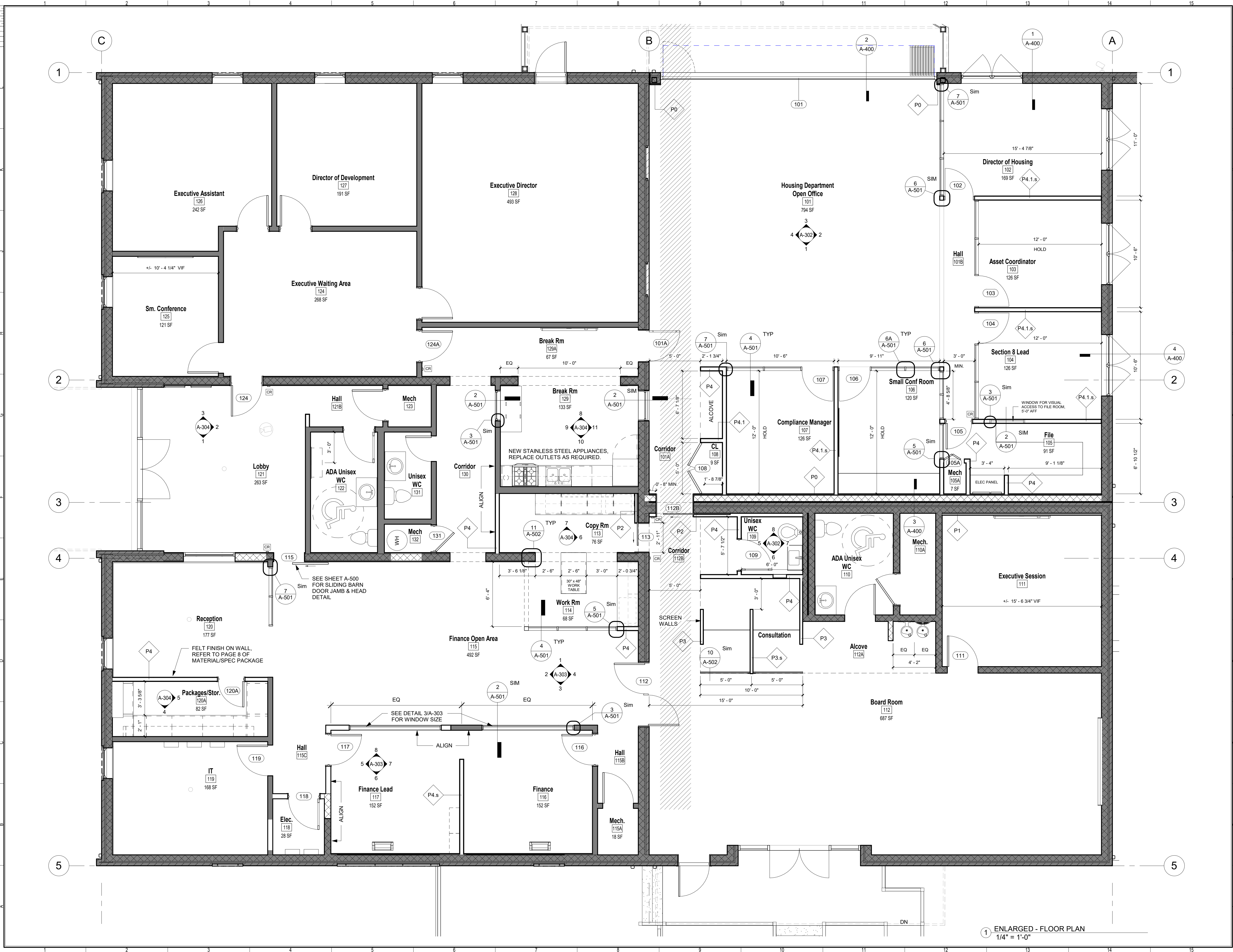
D.S., C.R., B.A. 202005.01
 Drawn By Project No.
 M.HILL 06/04/2021
 Approved By Date

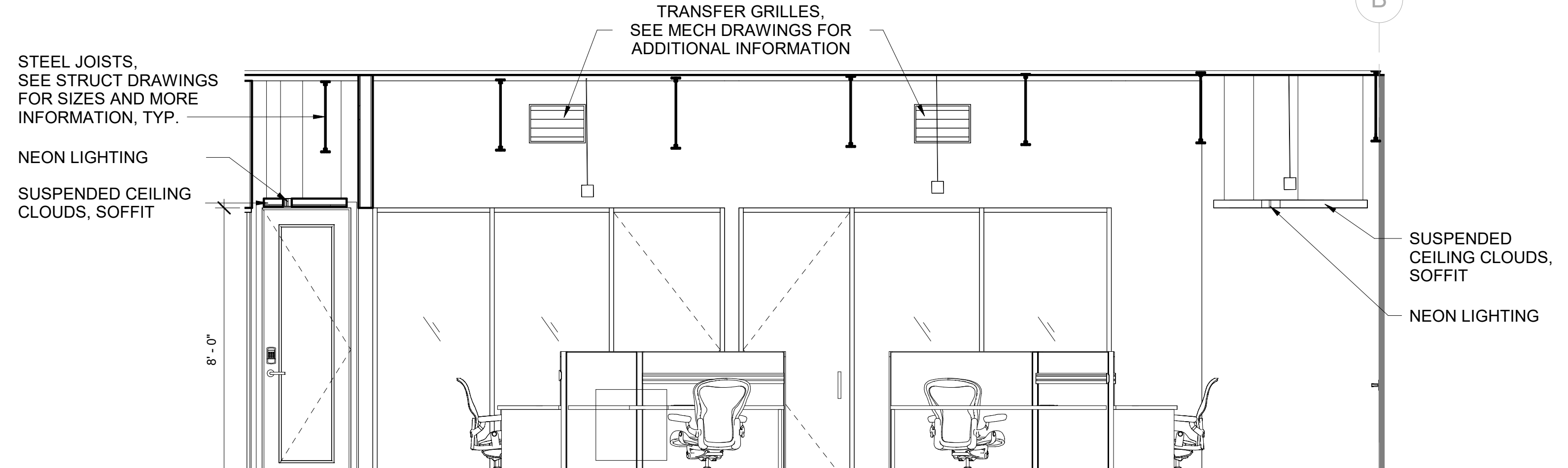
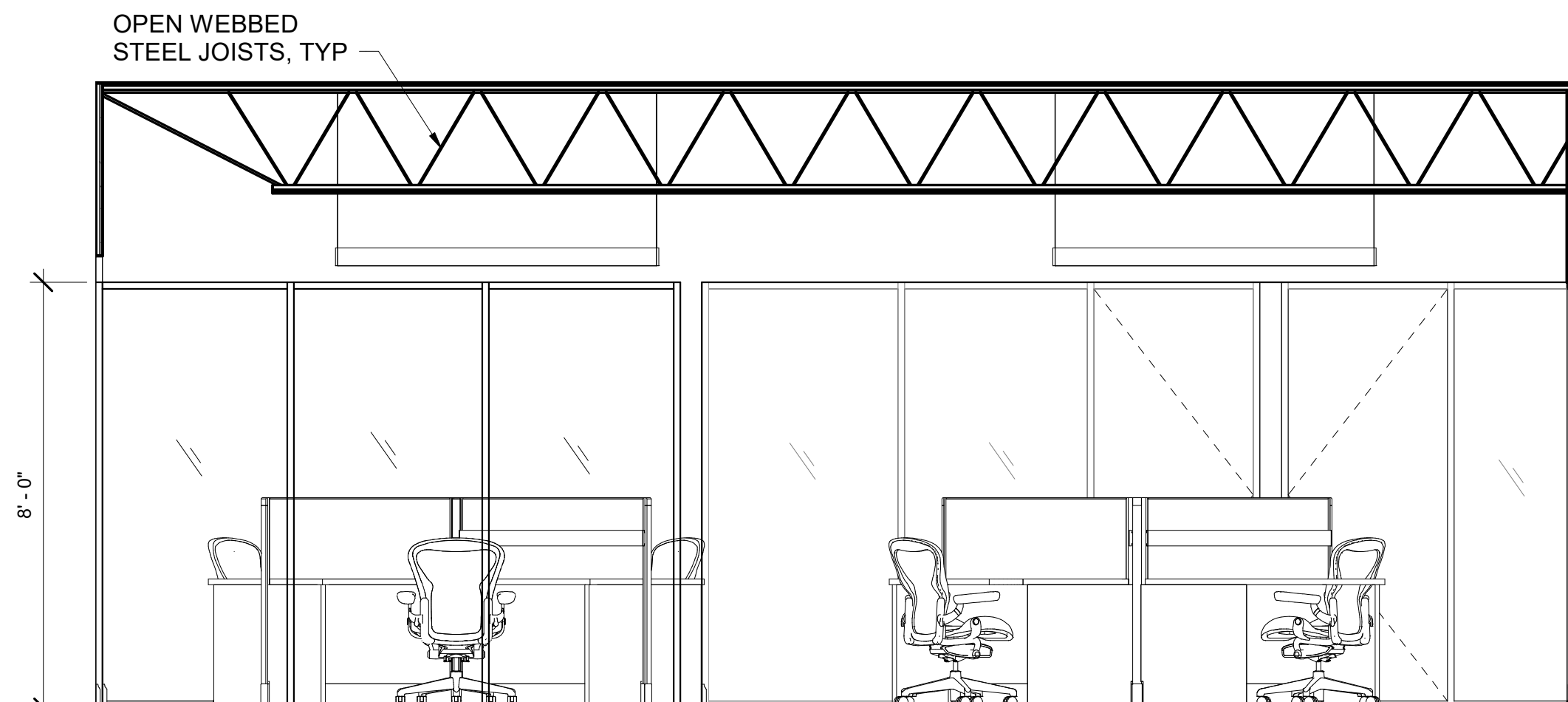
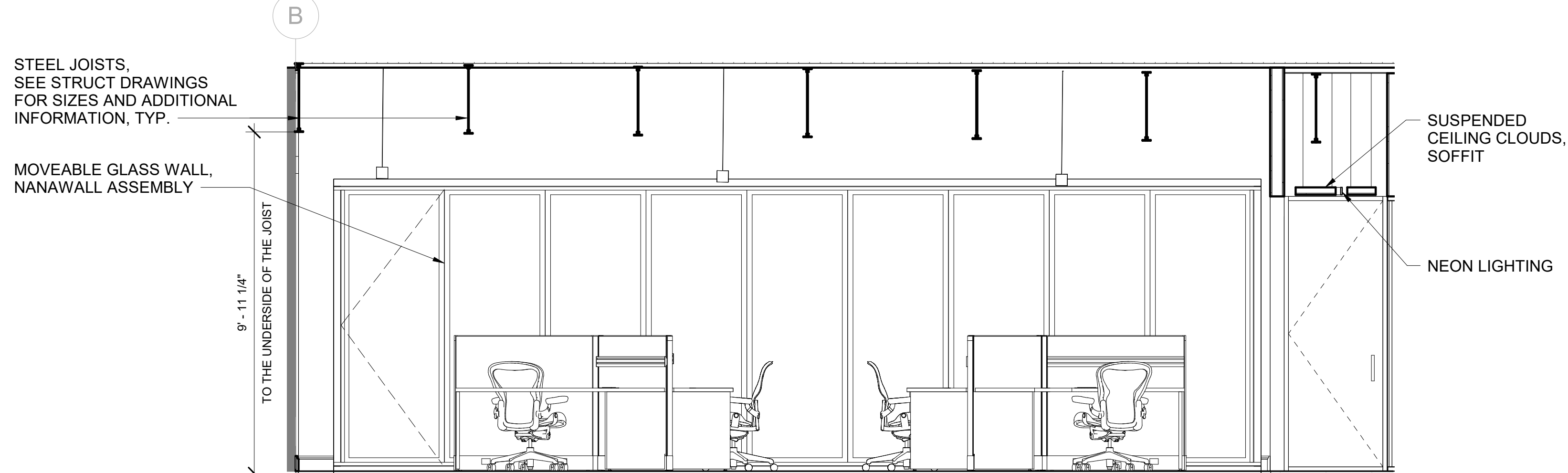
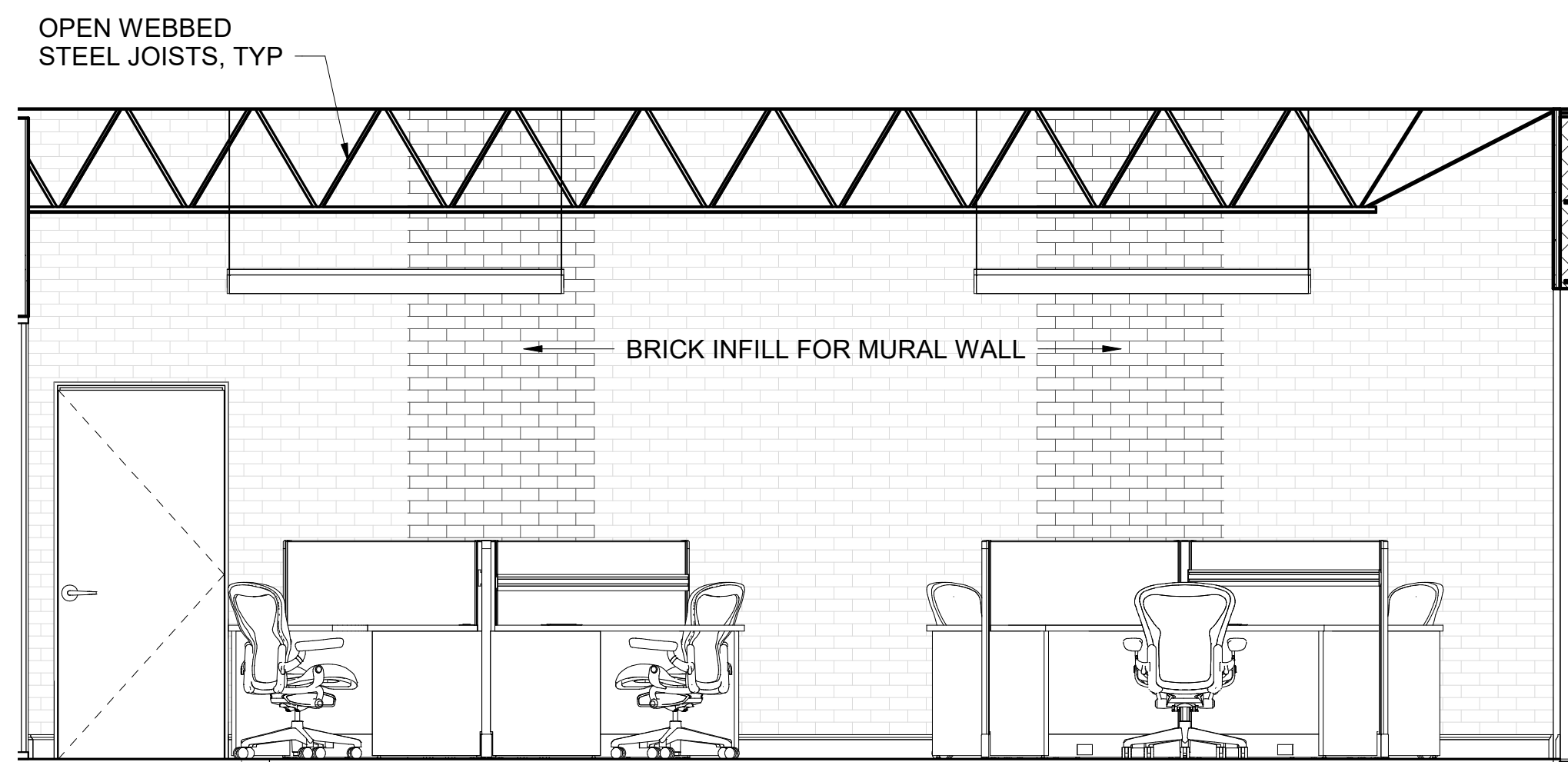
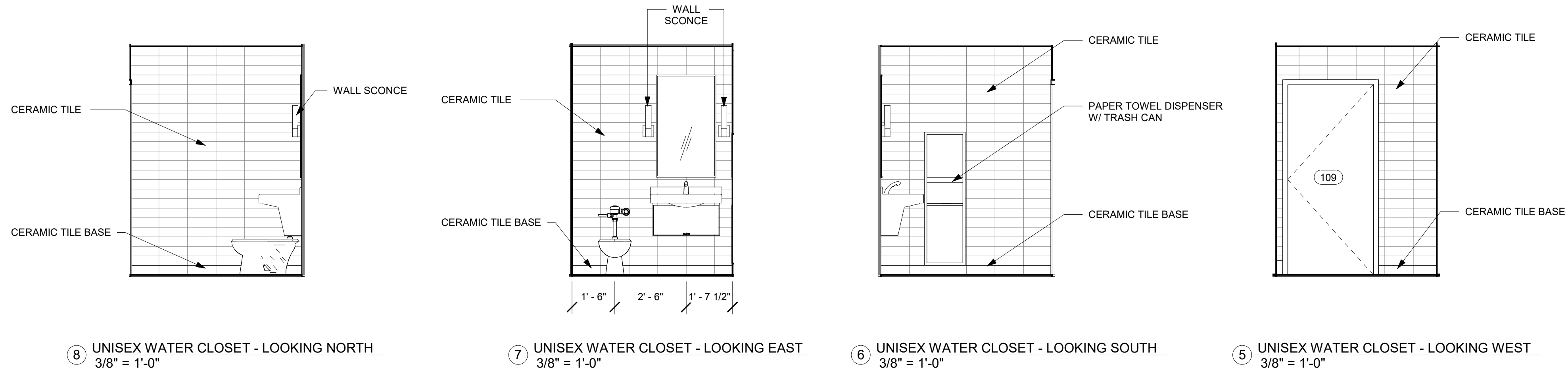


A-301

Drawing No.

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





PERMIT SET
ISSUED FOR CONSTRUCTION

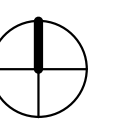
ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs / PERMIT SET	06/04/2021

FINAL CONSTRUCTION
DOCUMENTS

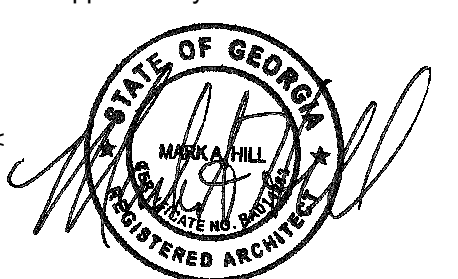
E.P.H.A. OFFICE RENOVATION

3056 Norman Berry Dr, East Point, GA 30344

INTERIOR ELEVATIONS

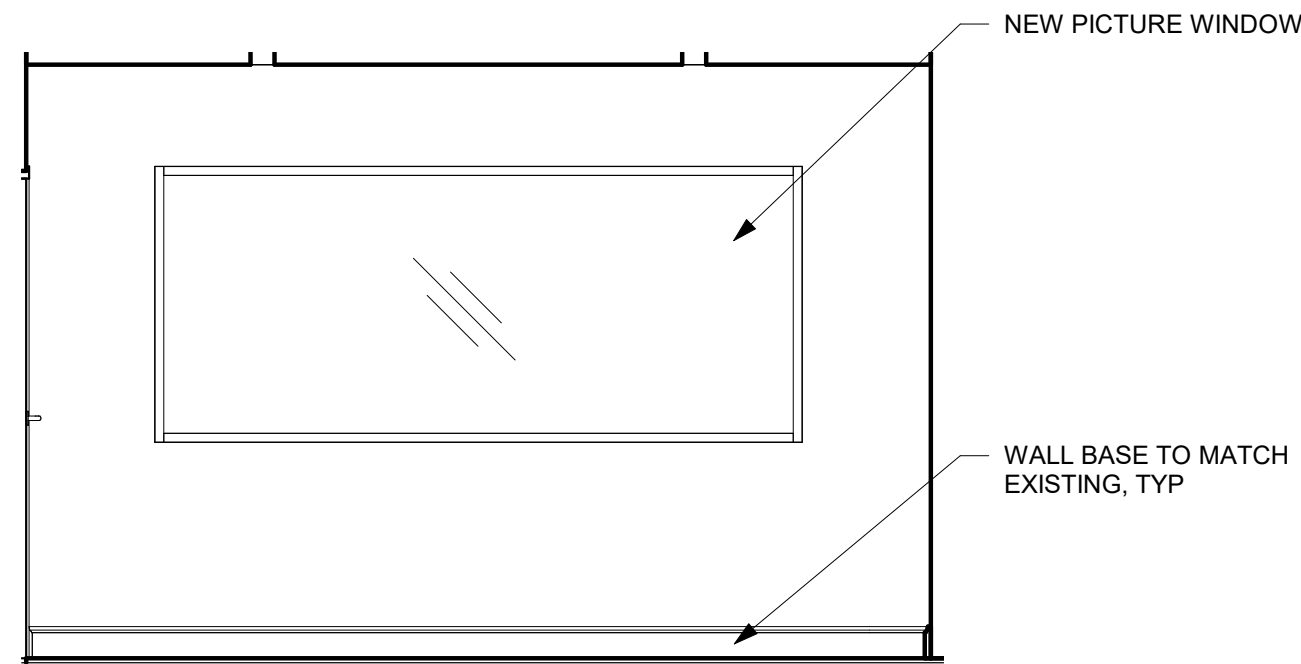


D.S., C.R., B.A.	202005.01
Drawn By	Project No.
M.HILL	06/04/2021
Approved By	Date

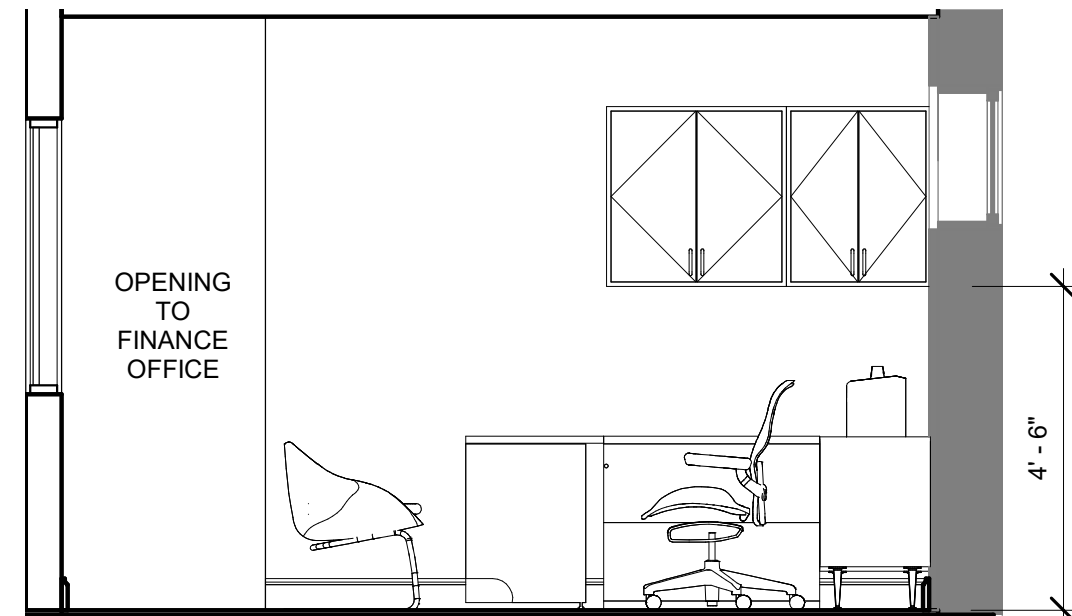


A-302

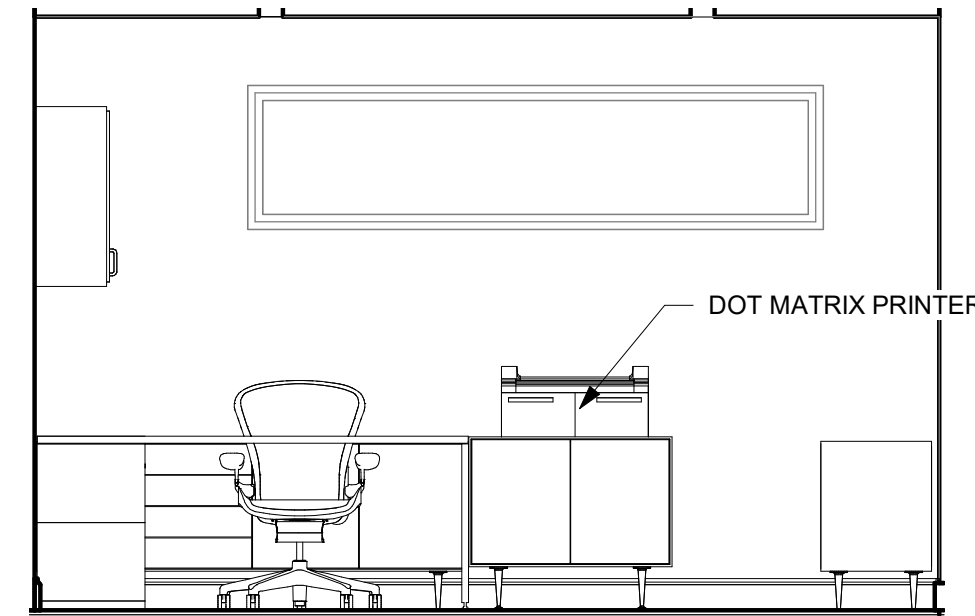
Drawing No.



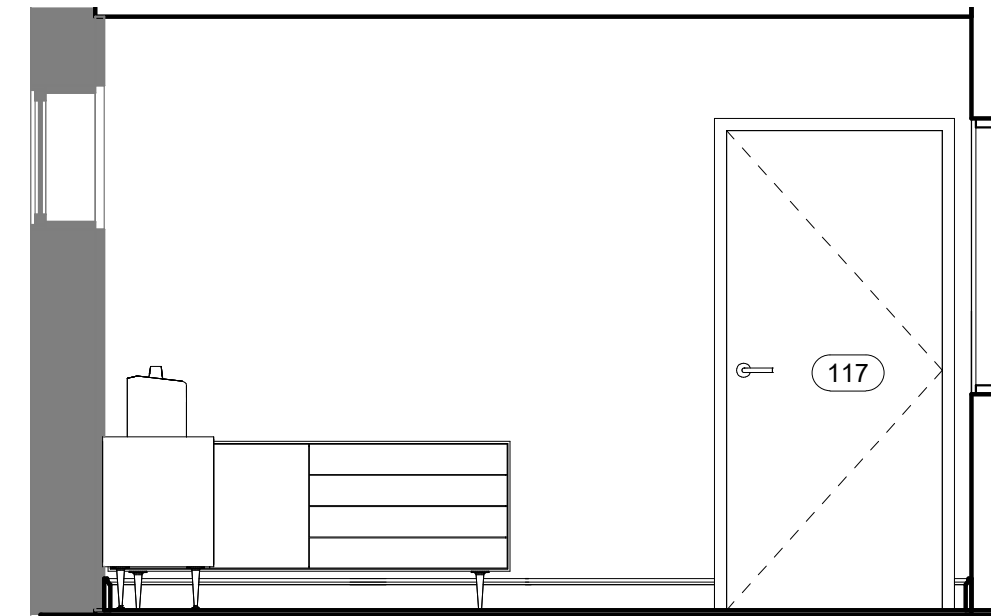
⑧ FINANCE LEAD OFFICE - LOOKING NORTH
3/8" = 1'-0"



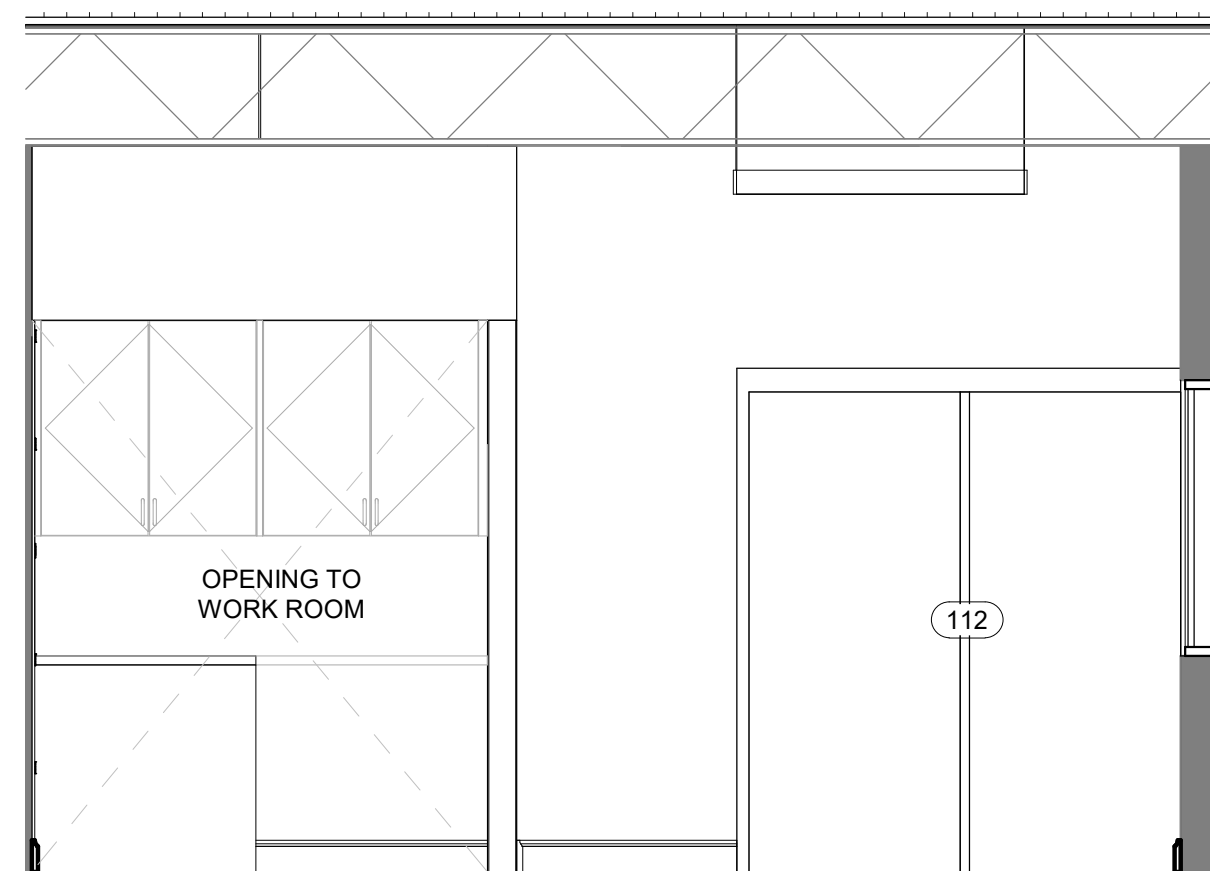
⑦ FINANCE LEAD OFFICE - LOOKING EAST
3/8" = 1'-0"



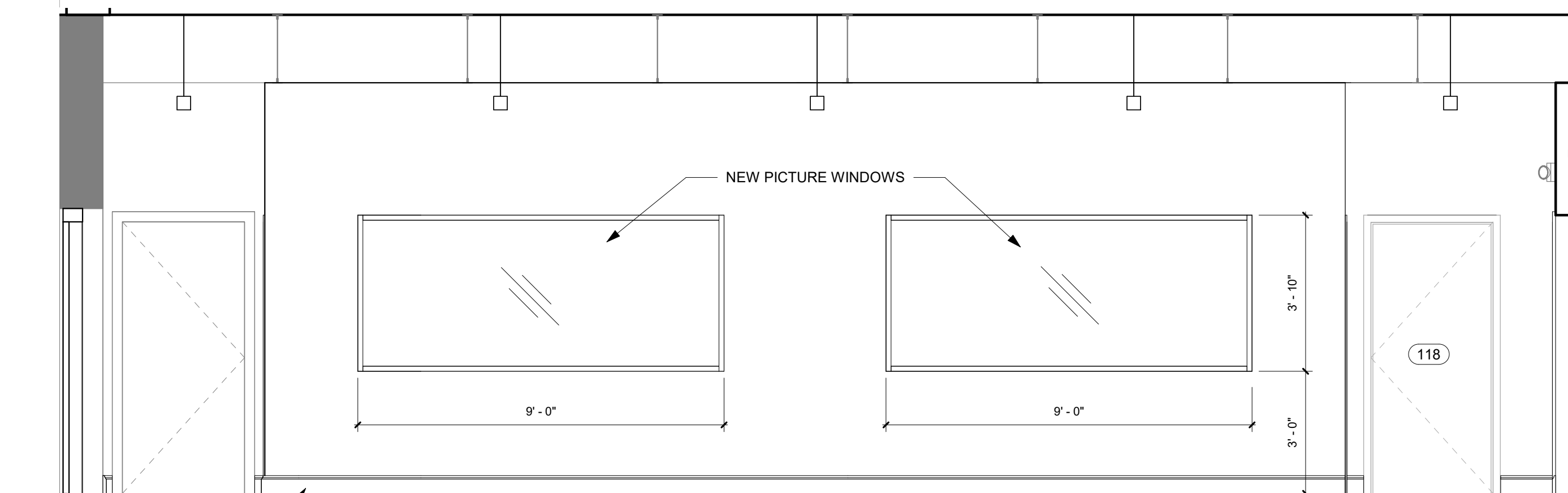
⑥ FINANCE LEAD OFFICE - LOOKING SOUTH
3/8" = 1'-0"



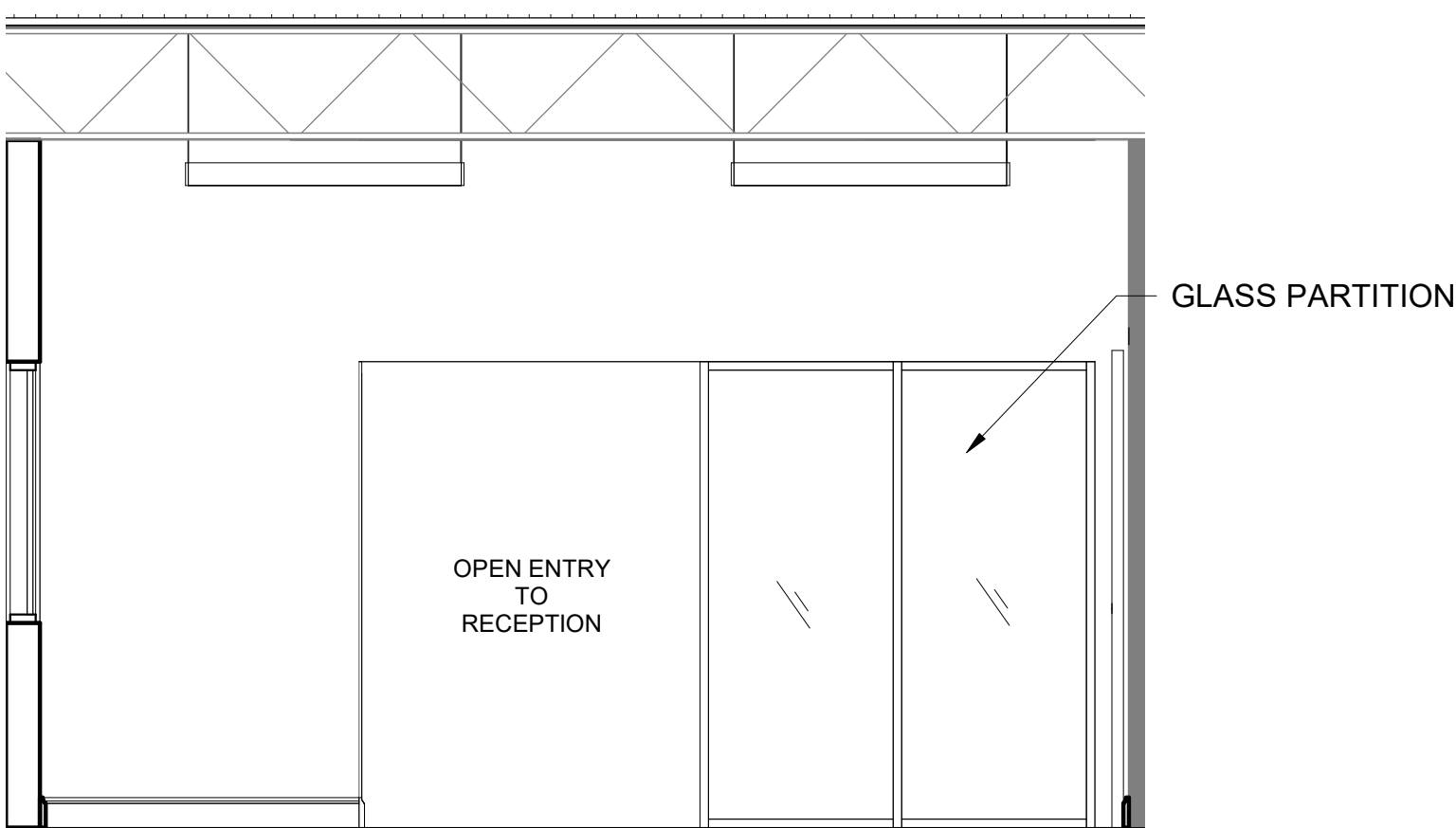
⑤ FINANCE LEAD OFFICE - LOOKING WEST
3/8" = 1'-0"



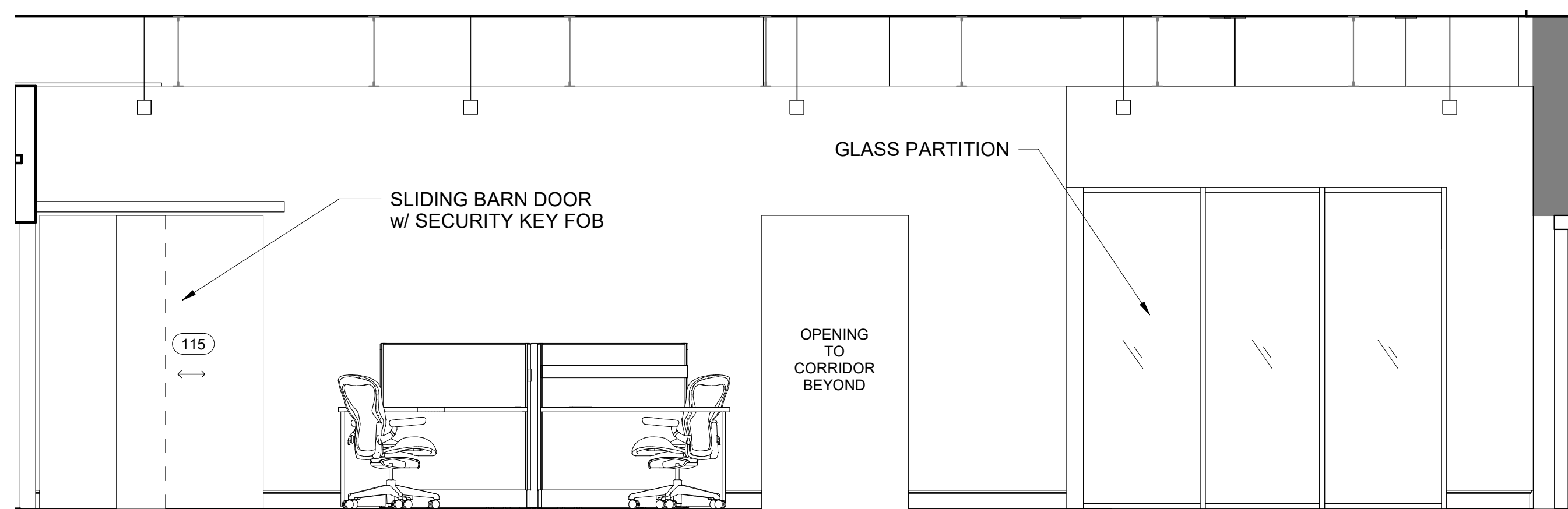
④ FINANCE OPEN AREA - ELEVATION LOOKING EAST
3/8" = 1'-0"



③ FINANCE OPEN AREA - ELEVATION LOOKING SOUTH
3/8" = 1'-0"



② FINANCE OPEN AREA - ELEVATION LOOKING WEST
3/8" = 1'-0"



① FINANCE OPEN AREA - ELEVATION LOOKING NORTH
3/8" = 1'-0"

PERMIT SET ISSUED FOR CONSTRUCTION

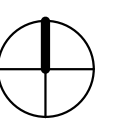
ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs / PERMIT SET	06/04/2021

FINAL CONSTRUCTION DOCUMENTS

E.P.H.A. OFFICE RENOVATION

3056 Norman Berry Dr, East Point, GA 30344

INTERIOR ELEVATIONS

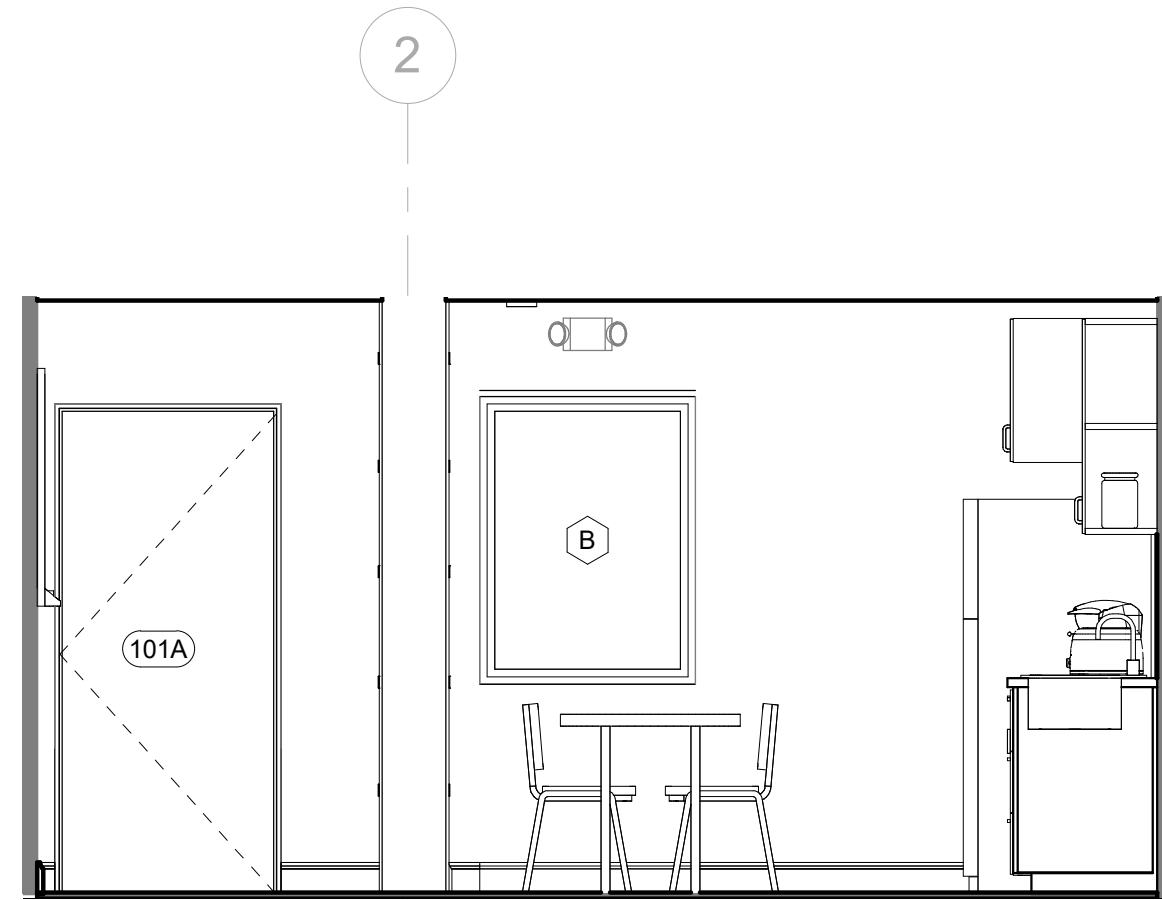


D.S., C.R., B.A.	202005.01
Drawn By	Project No.
M.HILL	06/04/2021
Approved By	Date

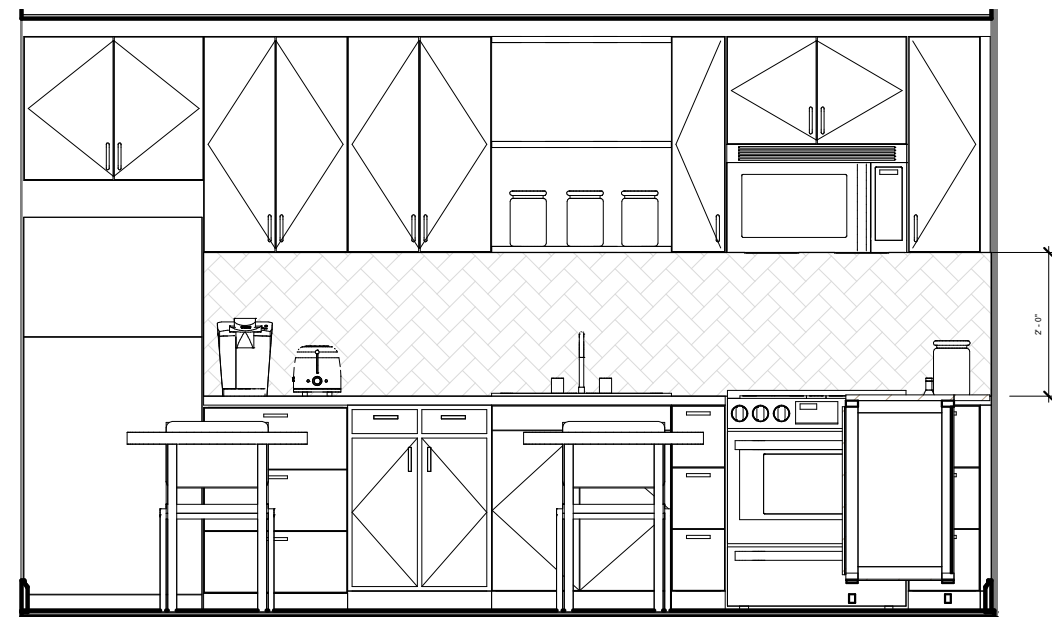


A-303

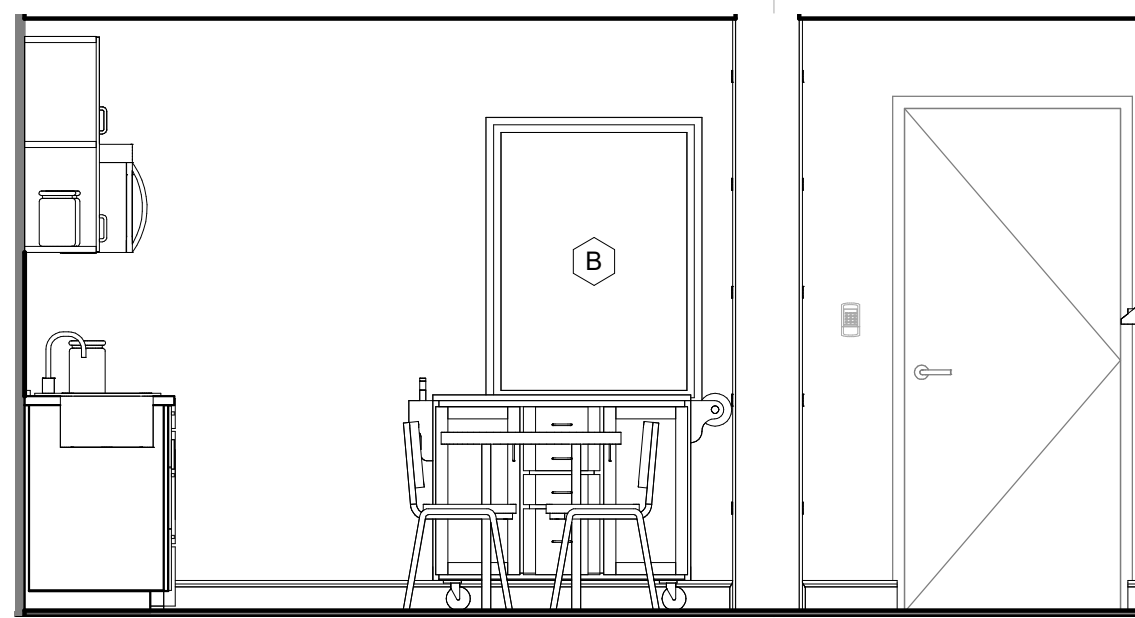
Drawing No.



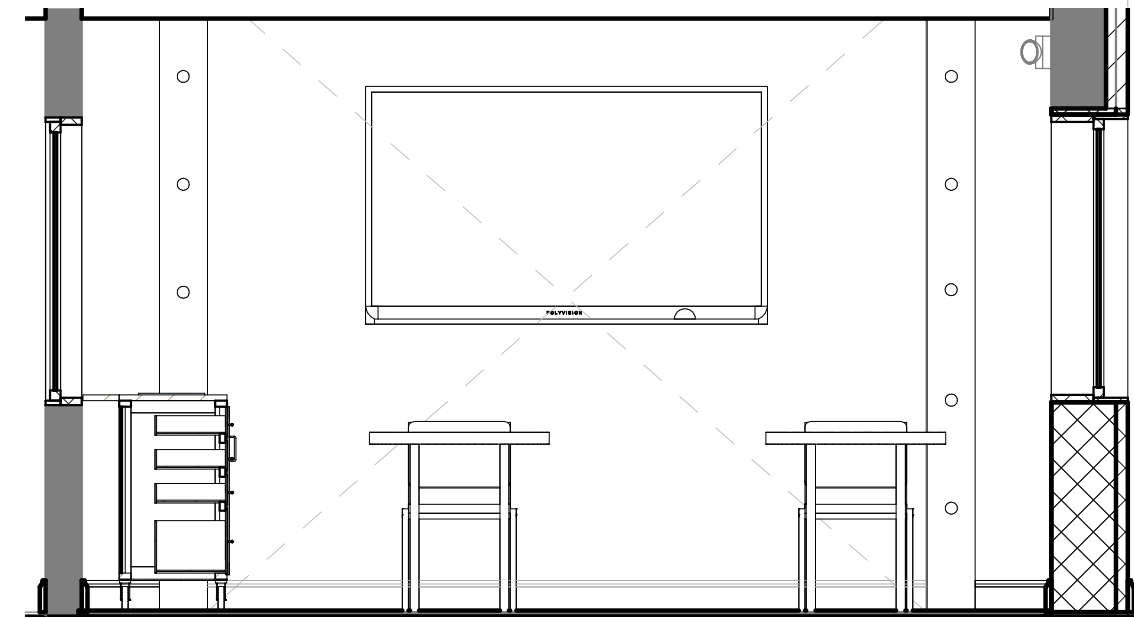
11 BREAK ROOM - LOOKING EAST
3/8" = 1'-0"



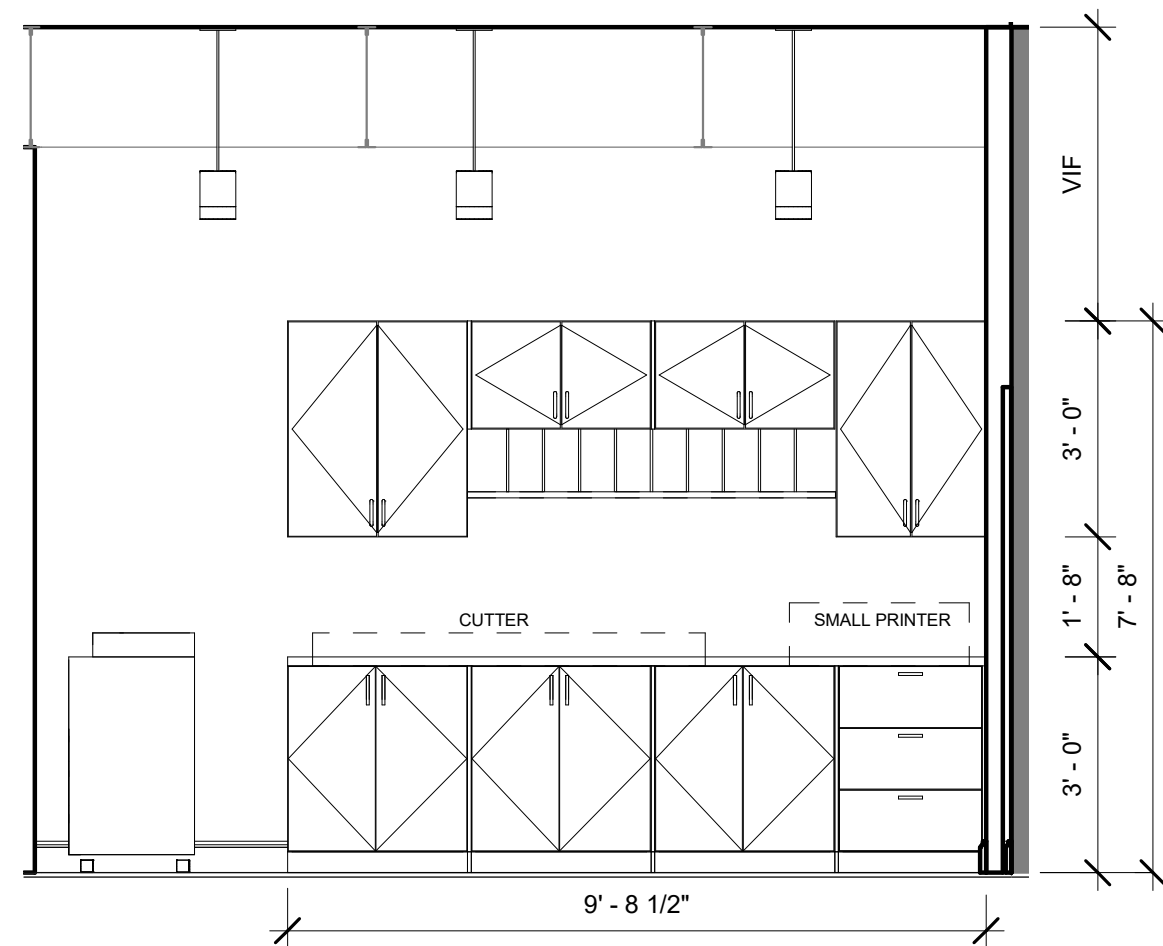
10 BREAK ROOM - LOOKING SOUTH
3/8" = 1'-0"



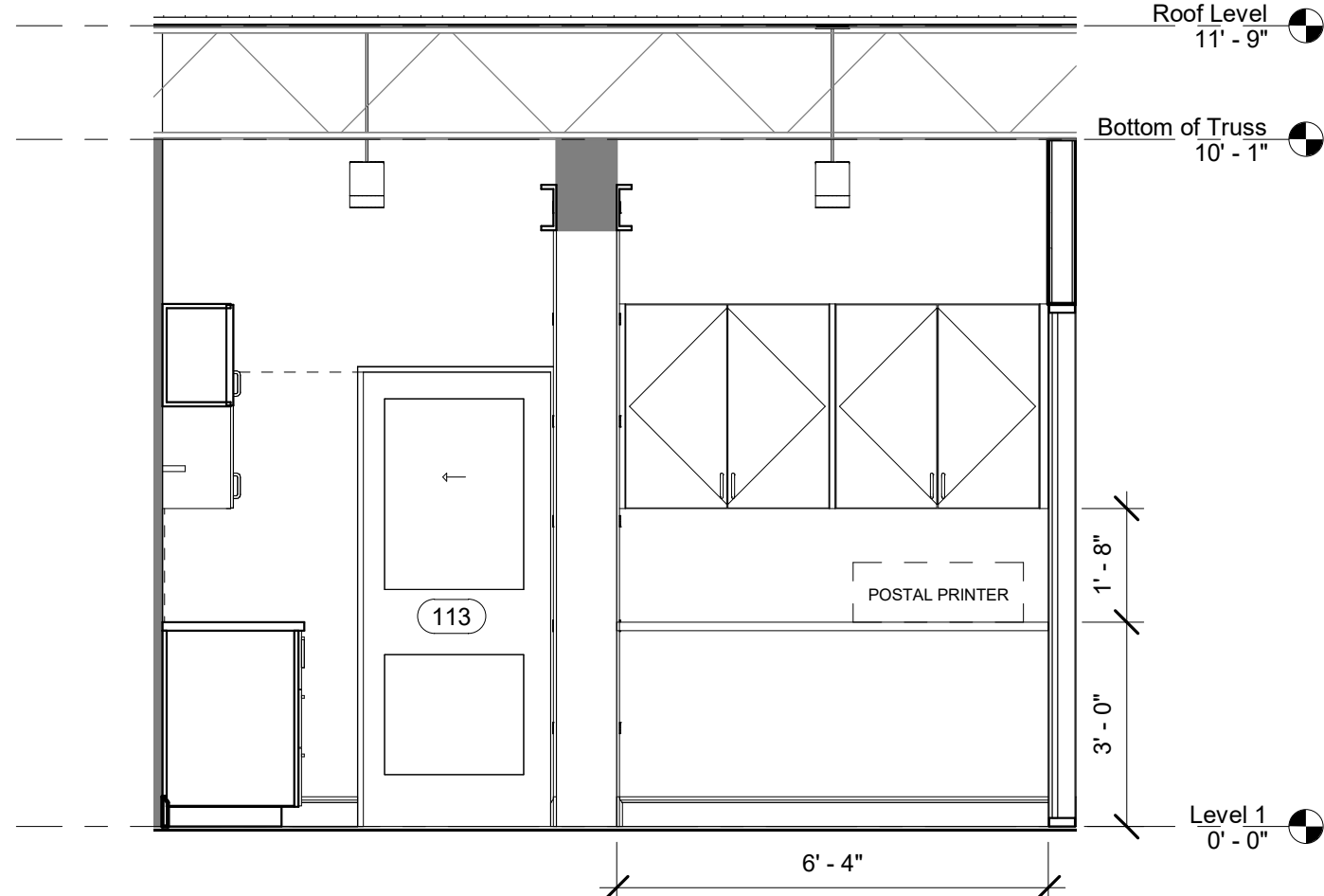
9 BREAK ROOM - LOOKING WEST
3/8" = 1'-0"



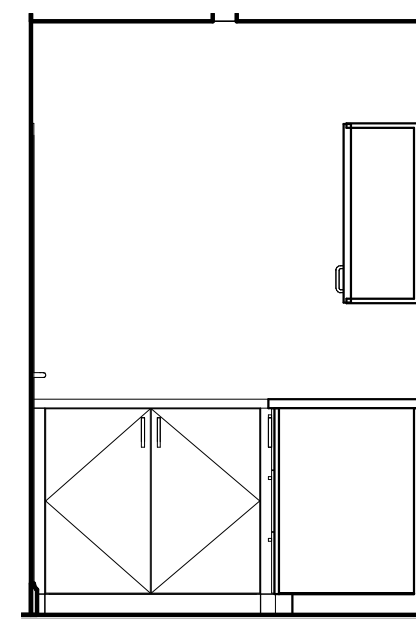
8 BREAK ROOM - LOOKING NORTH
3/8" = 1'-0"



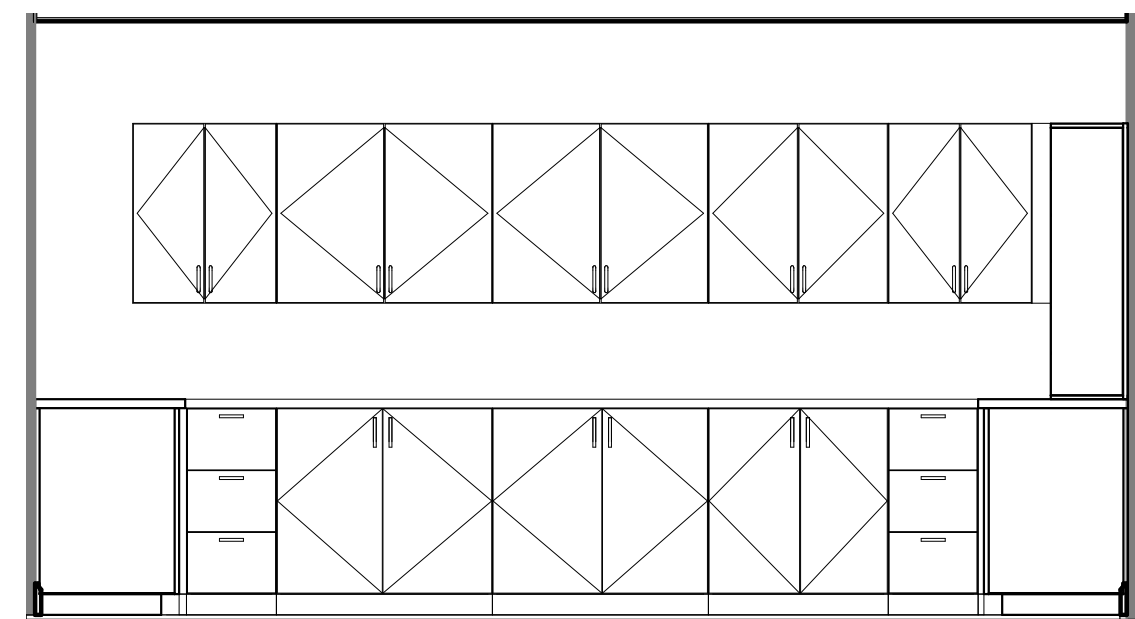
7 COPY ROOM - LOOKING NORTH
3/8" = 1'-0"



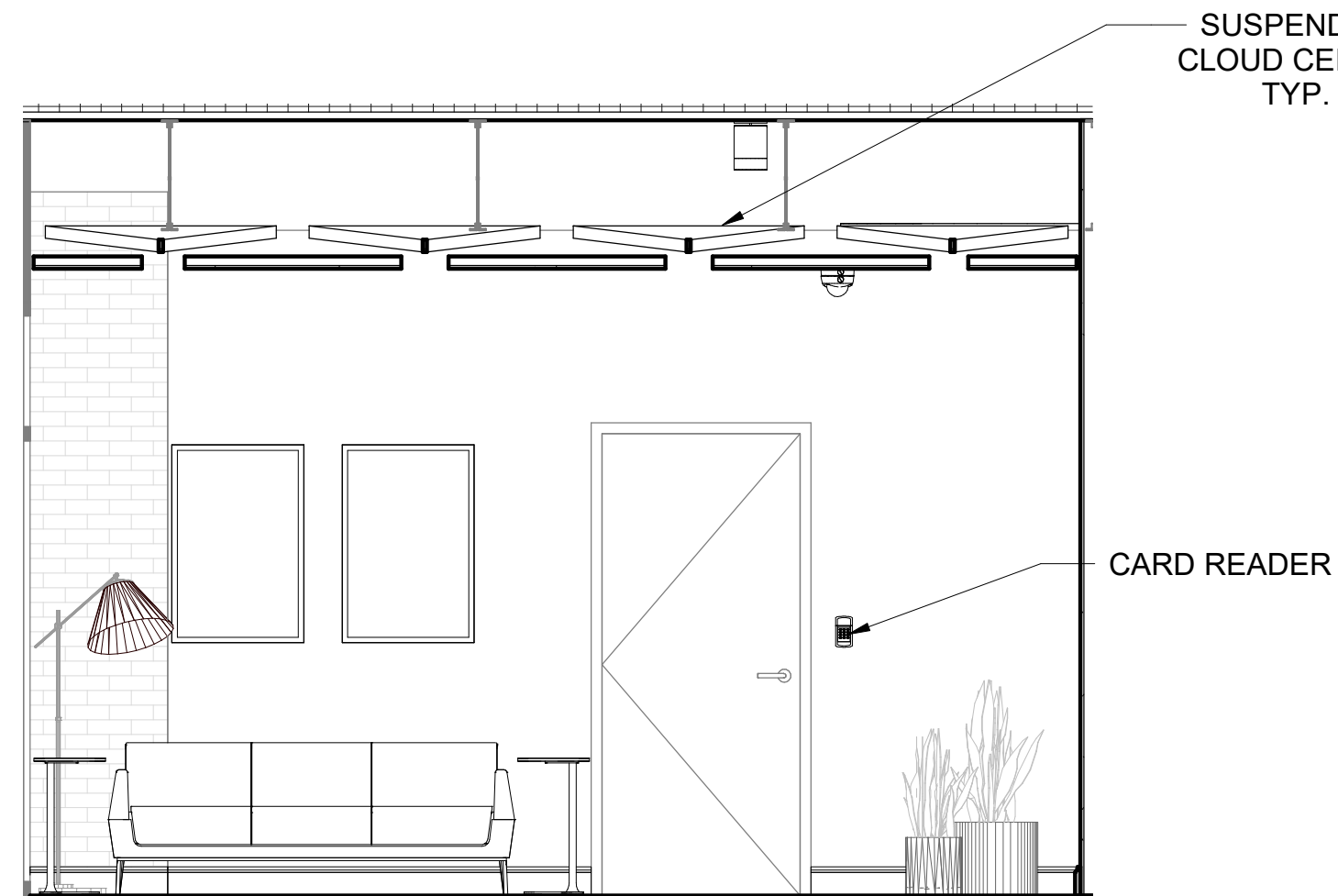
6 COPY ROOM - LOOKING EAST
3/8" = 1'-0"



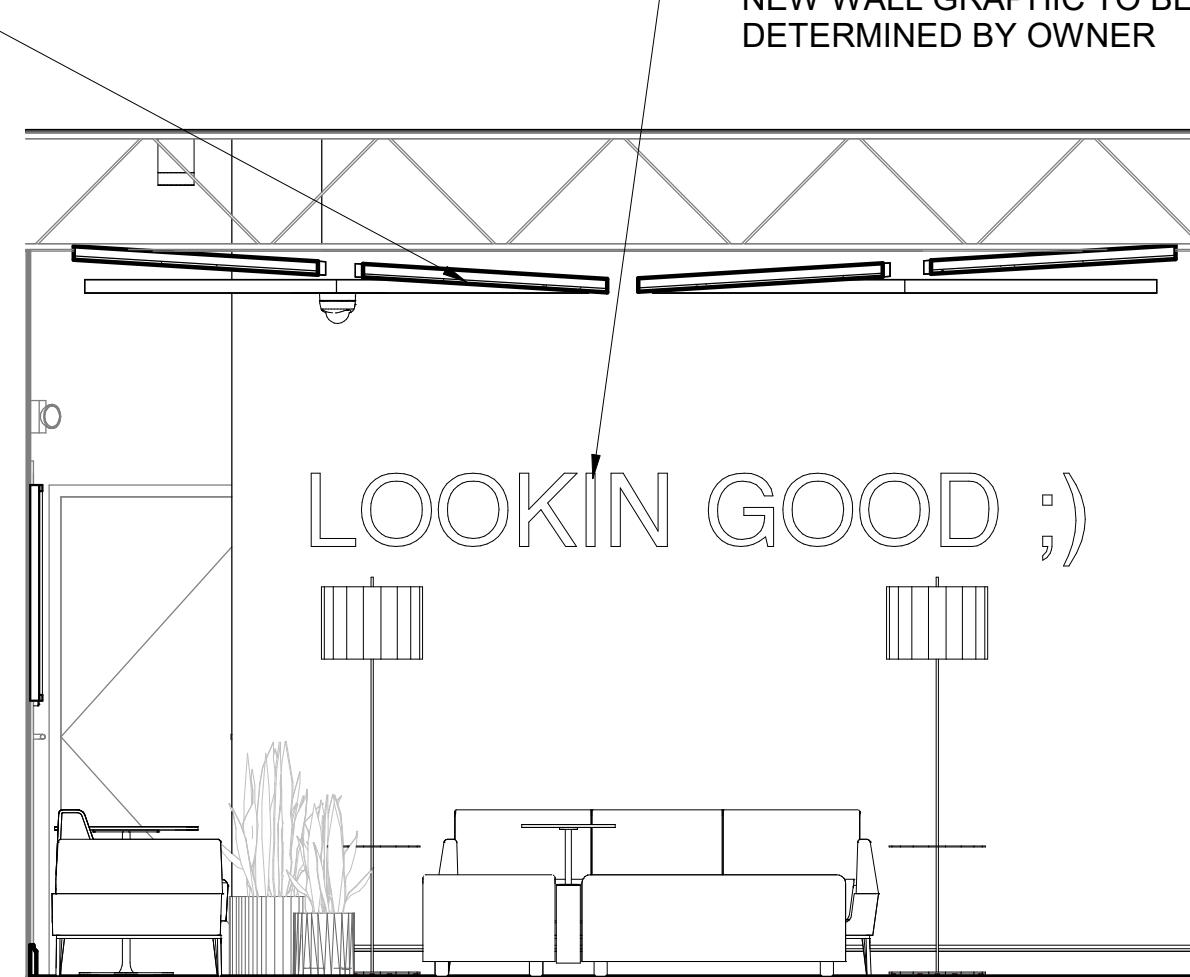
5 PACKAGES & STORAGE RM - LOOKING EAST
3/8" = 1'-0"



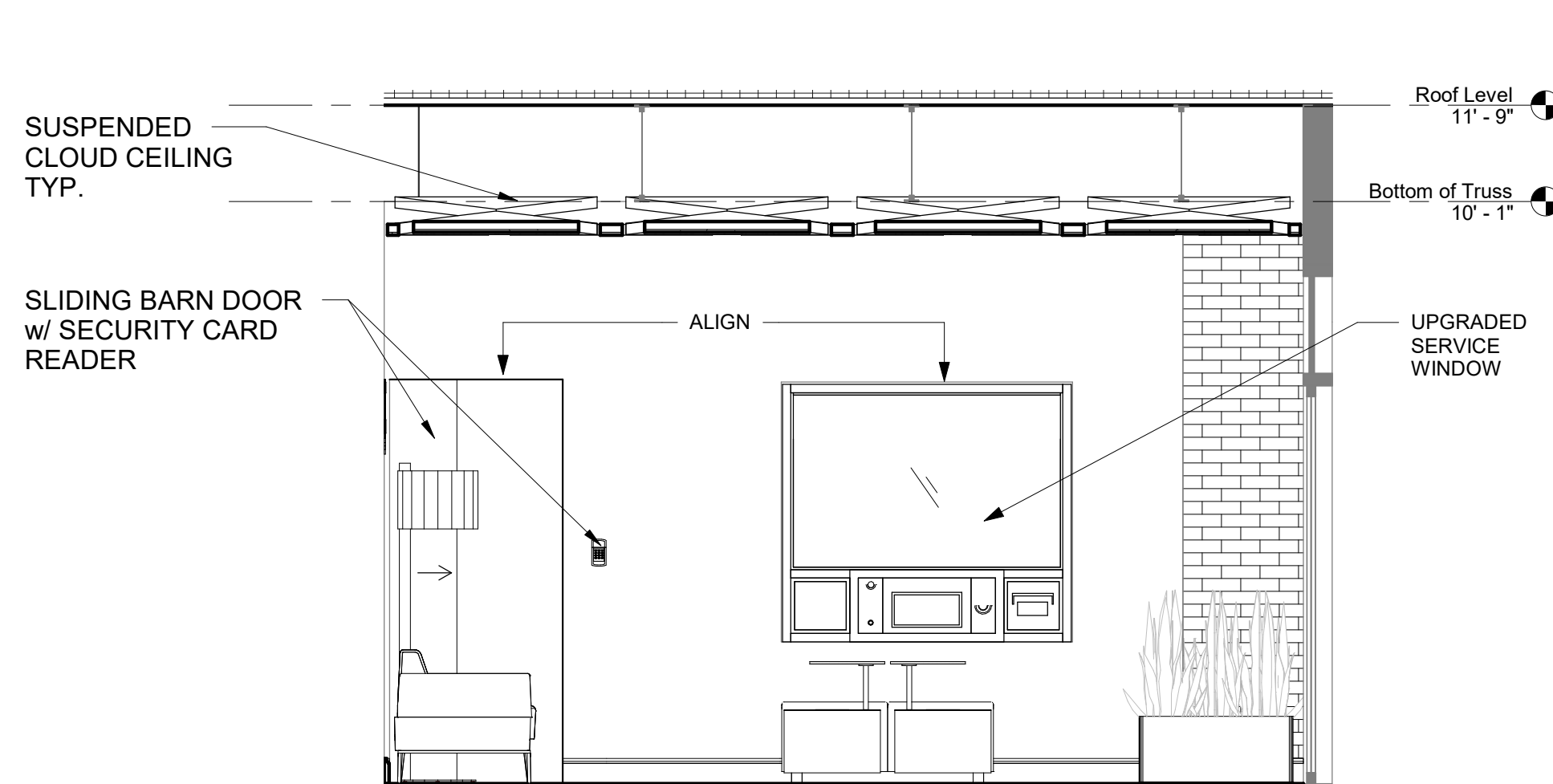
4 PACKAGES & STORAGE RM - LOOKING SOUTH
3/8" = 1'-0"



3 LOBBY - LOOKING NORTH
3/8" = 1'-0"



2 LOBBY - LOOKING EAST
3/8" = 1'-0"



1 LOBBY - LOOKING SOUTH
3/8" = 1'-0"

PERMIT SET ISSUED FOR CONSTRUCTION

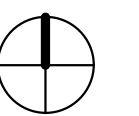
ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs / PERMIT SET	06/04/2021

FINAL CONSTRUCTION DOCUMENTS

E.P.H.A. OFFICE RENOVATION

3056 Norman Berry Dr, East Point, GA 30344

INTERIOR ELEVATIONS



D.S., C.R., B.A.	202005.01
Drawn By	Project No.
M.HILL	06/04/2021
Approved By	Date



A-304

Drawing No.

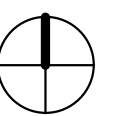
DEVICES	
	ACCESS PANEL
	RETURN AIR DIFFUSER
	SUPPLY AIR DIFFUSER
	LINEAR SLOT DIFFUSER
	SMOKE DETECTOR
	CEILING MOUNTED SECURITY CAMERA
FIXTURE LEGEND	
	DECORATIVE LED PENDANT LIGHT A1
	DECORATIVE PENDANT MOUNTED
	4' RECESSED LINEAR LED LIGHT
	6' RECESSED LINEAR LED LIGHT
	SURFACE MOUNTED GENERAL LIGHT
	PENDANT MOUNTED LED LIGHT
	LINEAR LED PENDANT LIGHT
	3' SUSPENDED LED LINEAR LIGHT
	4' SUSPENDED LED LINEAR LIGHT
	6' SUSPENDED LED LINEAR LIGHT
	8' SUSPENDED LED LINEAR LIGHT
	WALL MOUNTED FIXTURE, SCONCE
	EXTERIOR WALL SCONCE
	RECESSED DOWN LIGHT - ROUND
	2X2 LED TROFFER LIGHT
	2X4 LED TROFFER LIGHT
	ROUND LED DECORATIVE PENDANT LIGHT
	ROUND LED DECORATIVE PENDANT LIGHT
	WALL MOUNTED EXIT SIGN
	WALL MOUNTED EMERGENCY LIGHTING

PERMIT SET
ISSUED FOR CONSTRUCTION

ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs / PERMIT SET	06/04/2021

FINAL CONSTRUCTION
DOCUMENTSE.P.H.A. OFFICE
RENOVATION

3056 Norman Berry Dr, East Point, GA 30344

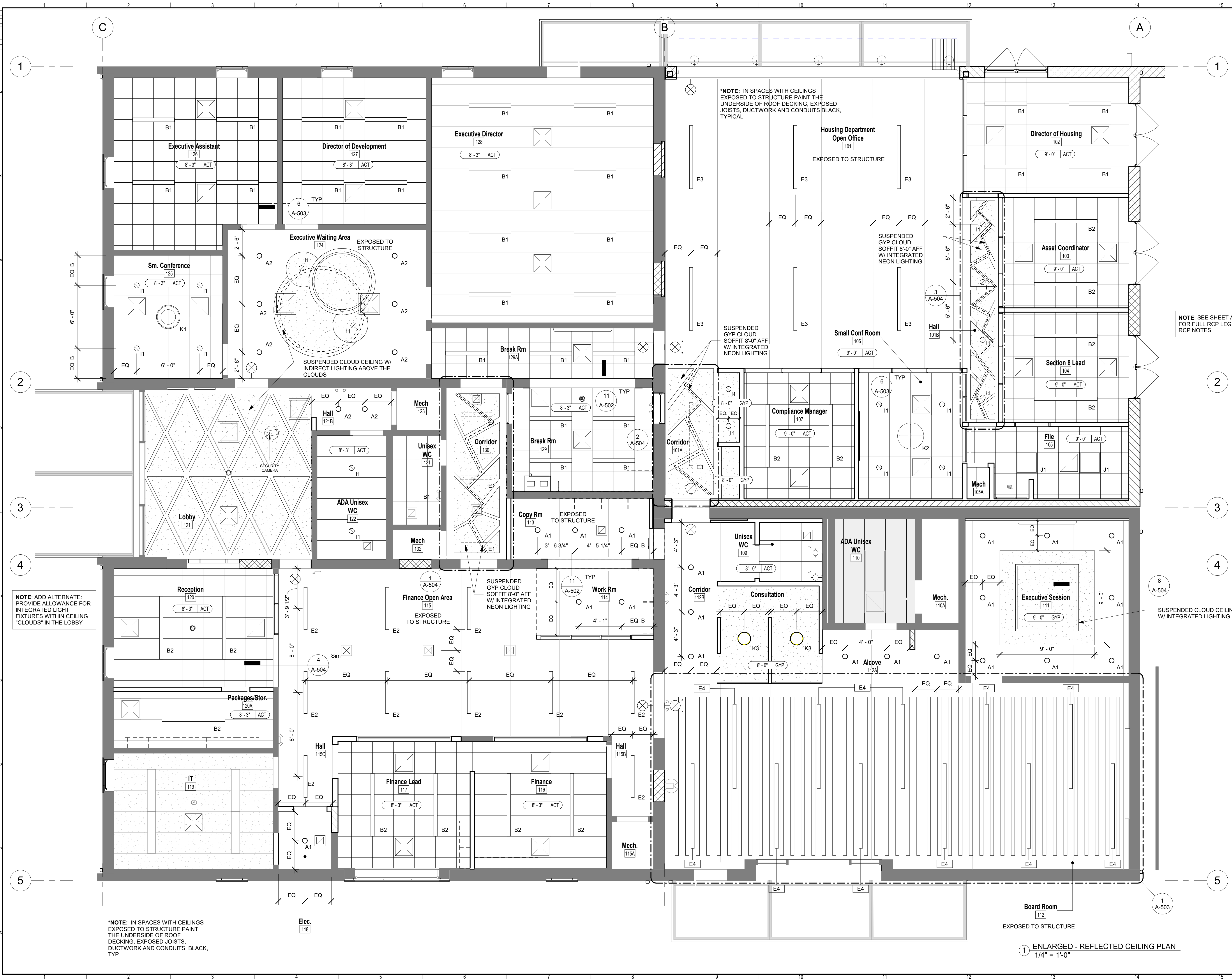
ENLARGED - REFLECTED
CEILING PLAN

D.S., C.R., B.A.	202005.01
Drawn By	Project No.
M.HILL	06/04/2021
Approved By	Date



A-311

Drawing No.

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

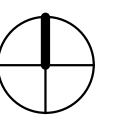
PERMIT SET
ISSUED FOR CONSTRUCTION

ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs / PERMIT SET	06/04/2021

FINAL CONSTRUCTION
DOCUMENTSE.P.H.A. OFFICE
RENOVATION

3056 Norman Berry Dr, East Point, GA 30344

WALL SECTIONS

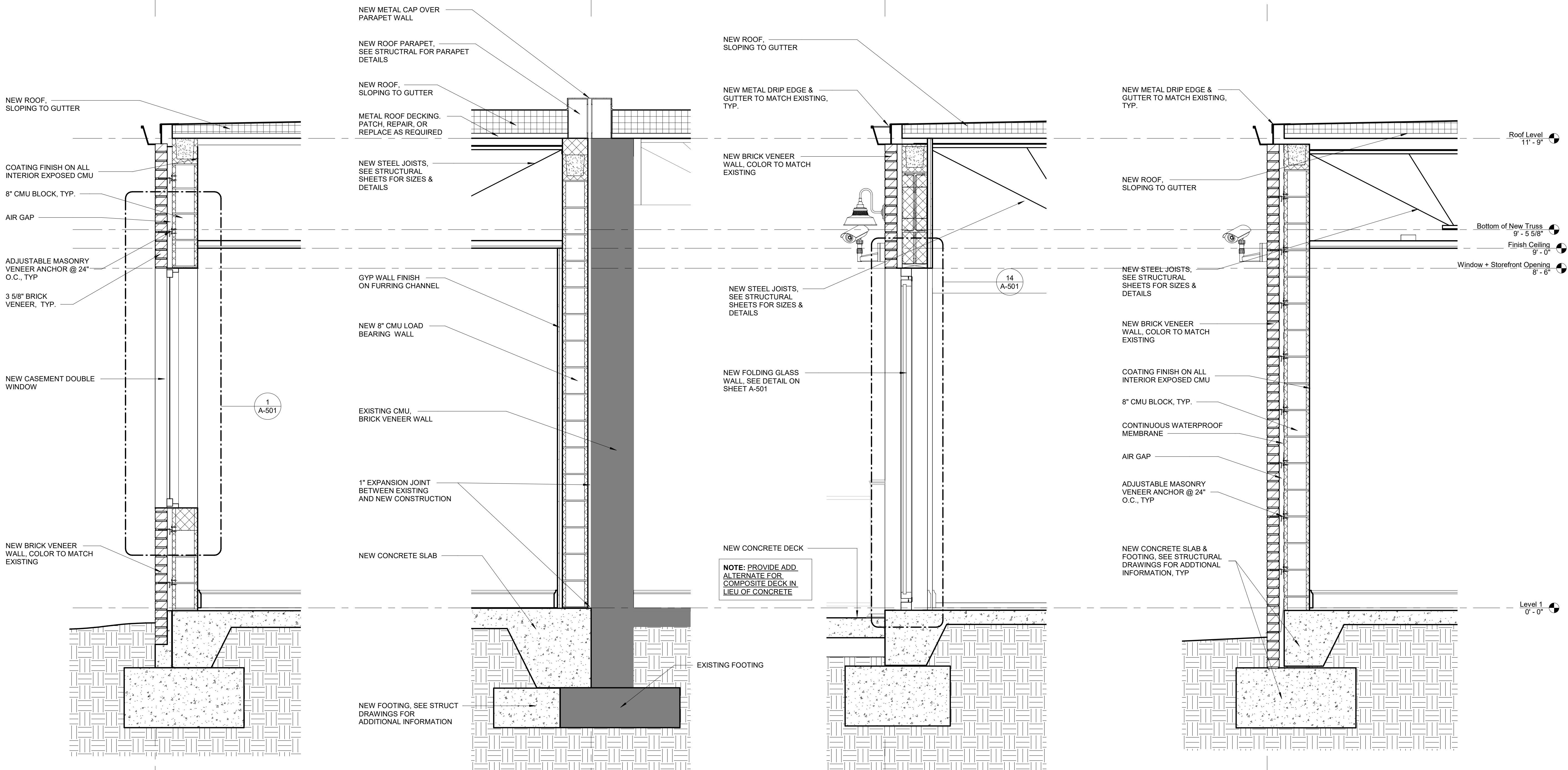


D.S., C.R., B.A.	202005.01
Drawn By	Project No.
M.HILL	06/04/2021
Approved By	Date



A-400

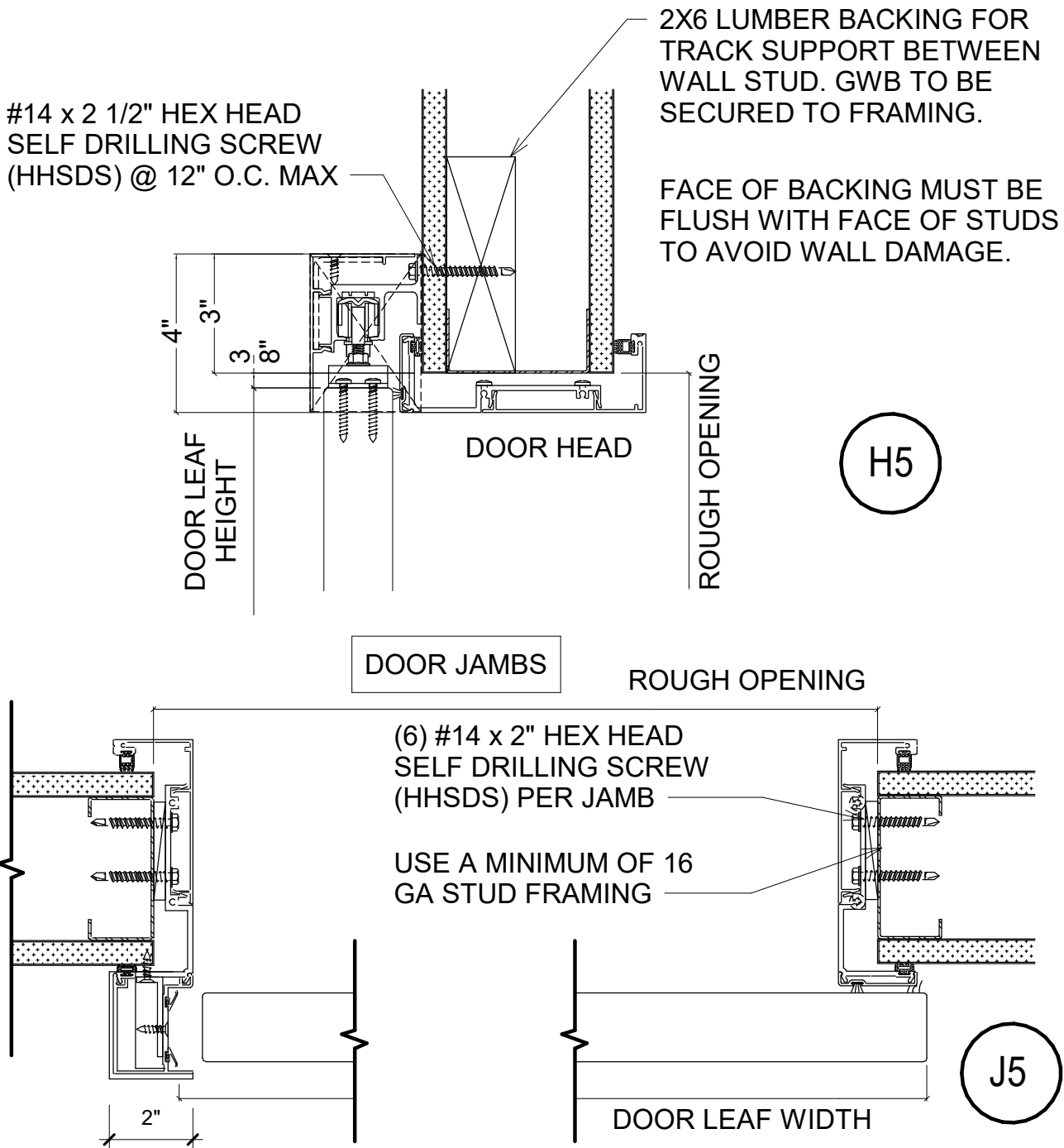
Drawing No.

PROJECT NUMBER: 202005.01 PROJECT NAME: E.P.H.A. OFFICE RENOVATION
SHEET NUMBER: A-400 - WALL SECTIONS
C:\Users\SHAPE_TECH7\Documents\R19_EPHA Office Renovation_Central_dsparkmanXM6Q2.rvt
6/4/2021 6:49:42 PM④ WALL SECTION THROUGH WINDOW @
NEW EXTERIOR BRICK VENEER WALL
3/4" = 1'-0"③ WALL SECTION @ NEW INTERIOR LOAD
BEARING MASONRY WALL
3/4" = 1'-0"② SECTION @ NEW FOLDING GLASS WALL
3/4" = 1'-0"① NEW BRICK VENEER EXTERIOR WALL
SECTION, TYP.
3/4" = 1'-0"

DOOR SCHEDULE

NO.	ROOM NAME	Room Number	DOOR					HARDWARE SET	FRAME					FIRE RATED	COMMENTS
			TYPE	WIDTH	HEIGHT	THICKNESS	MATERIAL		TYPE	HEAD	JAMB	SILL	MATERIAL		
101	Housing Department Open Office	101	G	27' - 0"	8' - 6 3/4"	0' - 3 5/32"	GLASS			H4	J4	1	HM		NANAWALL, See Specs. Glass Break Sensor, Alarm Contacts
101A	Housing Department Open Office	101	F	3' - 0"	6' - 8"	0' - 1 3/4"	HM		01	H4	J4	3	HM	RATED	
102	Director of Housing	102	G	2' - 9"	7' - 9"		GLASS		01	H1	J1	NA	HM		
103	Asset Coordinator	103	G	3' - 0"	7' - 9"		GLASS		01	H1	J1	NA	HM		
104	Section 8 Lead	104	G	3' - 0"	7' - 9"		GLASS		01	H1	J1	NA	HM		
105	File	105	FG	2' - 6"	8' - 0"	0' - 1 3/4"	WD & GLASS		01	H3	J3	NA	WD		
105A	Mech	105A	BF2	2' - 0"	6' - 8"	0' - 1 1/2"	WD		01	H3	J3	NA	WD		
106	Small Conf Room	106	G	3' - 0"	7' - 9"		GLASS		01	H1	J1	NA	HM		
107	Compliance Manager	107	G	3' - 0"	7' - 9"		GLASS		01	H1	J1	NA	HM		
108	CL	108	DF	5' - 0"	8' - 0"	0' - 2"	WD		NONE	H3	J3	NA	WD		
109	Unisex WC	109	F	3' - 0"	6' - 8"	0' - 1 3/4"	WD		01	H3	J3	3	WD		
111	Executive Session	111	F	3' - 0"	7' - 0"	0' - 1 3/4"	WD		01	H3	J3	4	WD		New Acoustic Door
112	Corridor	112B	DF	6' - 0"	6' - 8"	0' - 1 3/4"	HM		03	H1	J1	NA	HM	RATED	Dual Egress
112B	Corridor	112B	F / P	3' - 7"	6' - 8"	0' - 1 3/4"	WD		01	H2	J2	NA	WD		Key Fob Entry
113	Copy Rm	113	F / P	2' - 10"	6' - 8"	0' - 1 3/4"	WD		01	H2	J2	NA	WD		Key Fob Entry
115	Finance Open Area	115	SB	3' - 0"	7' - 0"	0' - 2"	WD		04	H5	J5	2	WD		Key Fob Entry
116	Finance	116	F	3' - 0"	6' - 8"	0' - 1 3/4"	WD		01	H3	J3	4	WD		
117	Finance Lead	117	F	3' - 0"	6' - 8"	0' - 1 3/4"	WD		01	H3	J3	4	WD		
118	Elec.	118	F	3' - 0"	6' - 8"	0' - 1 3/4"	WD		01	H3	J3	NA	WD		
119	IT	119	F	3' - 0"	6' - 8"	0' - 1 3/4"	WD		01	H3	J3	4	WD		
120A	Packages/Stor.	120A	F	2' - 6"	6' - 8"	0' - 1 3/4"	WD		01	H3	J3	NA	WD		
124	Executive Waiting Area	124	F	3' - 0"	7' - 0"	0' - 1 3/4"	ETR		01	H3	J3	NA	WD		Key Fob Entry
124A	Executive Waiting Area	124	F	3' - 0"	7' - 0"	0' - 1 3/4"	ETR		01	H3	J3	6	WD		Key Fob Entry
131	Mech	132	F	2' - 6"	6' - 8"	0' - 1 3/4"	WD		01	H3	J3	3	WD		

SLIDING BARN DOOR DETAILS

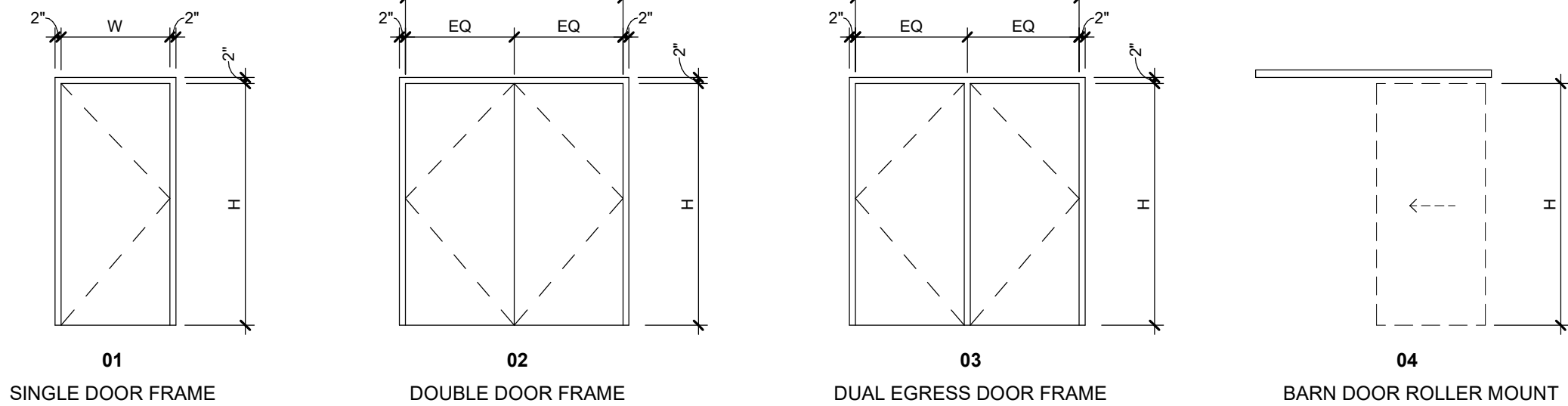
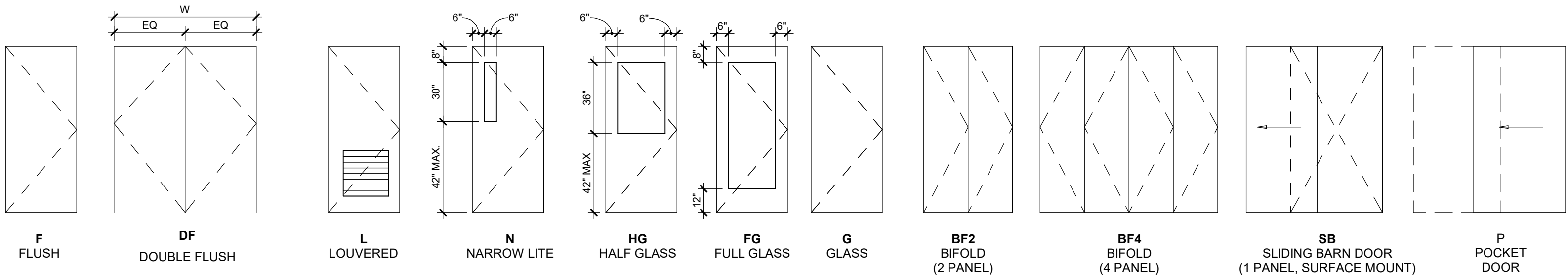


DOOR NOTES

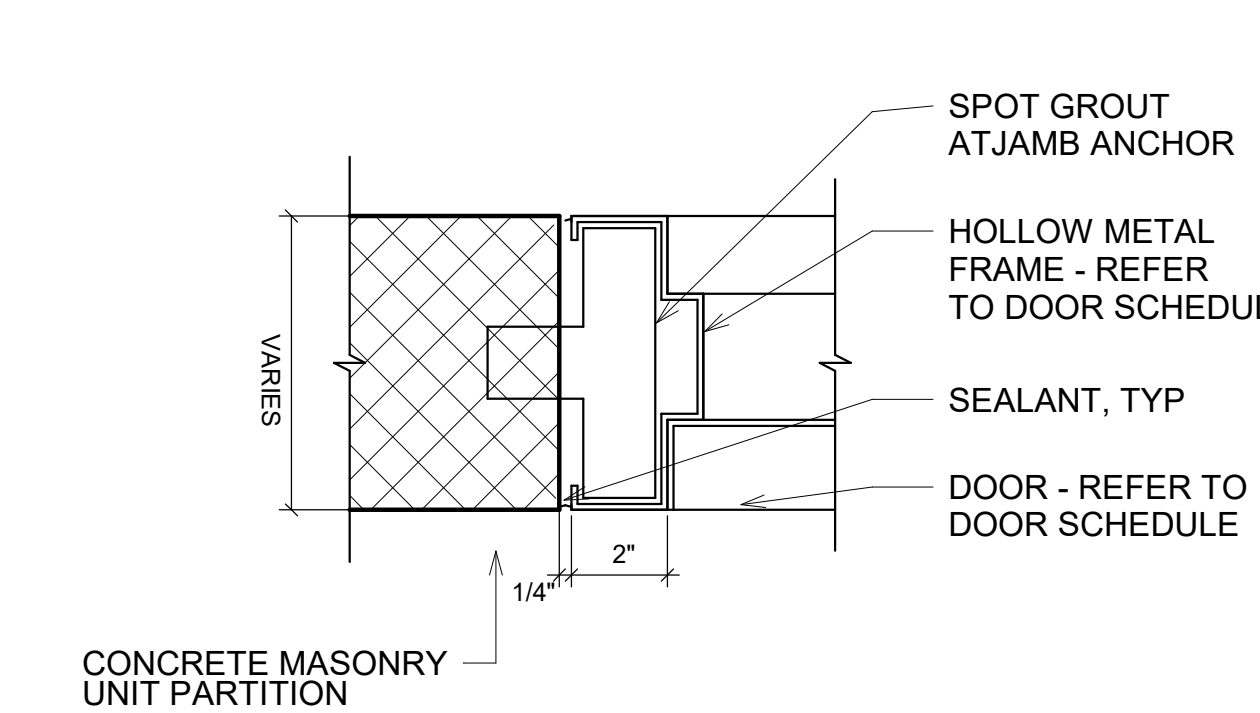
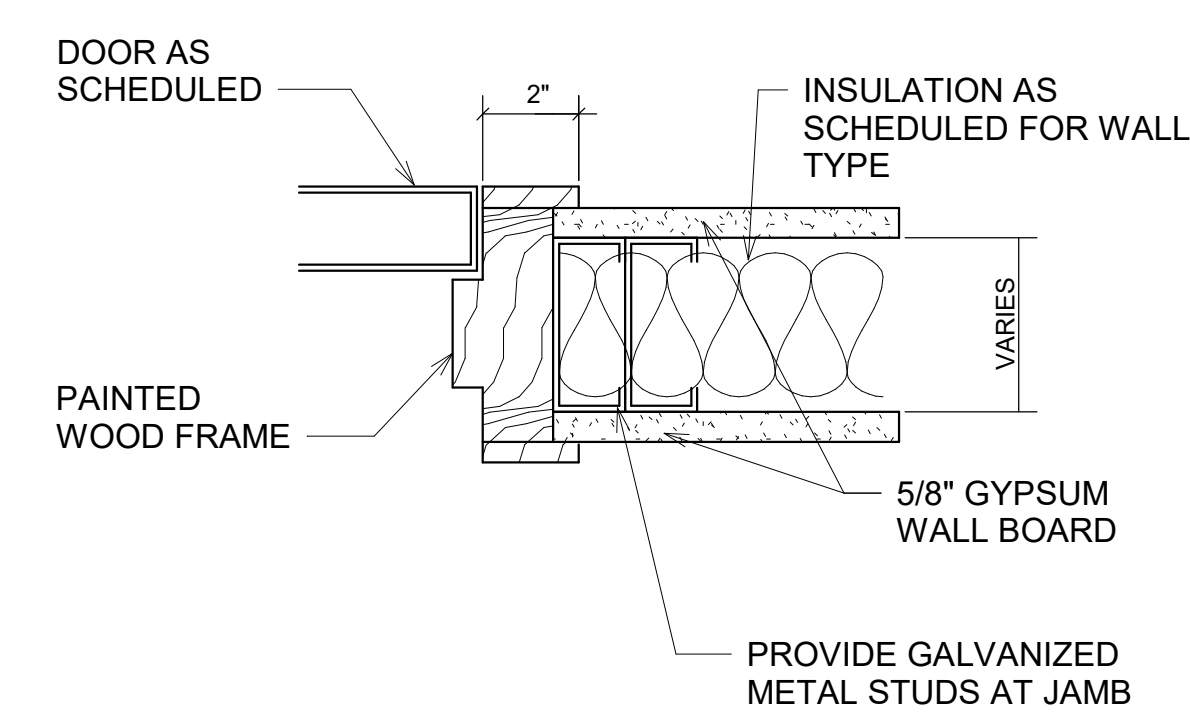
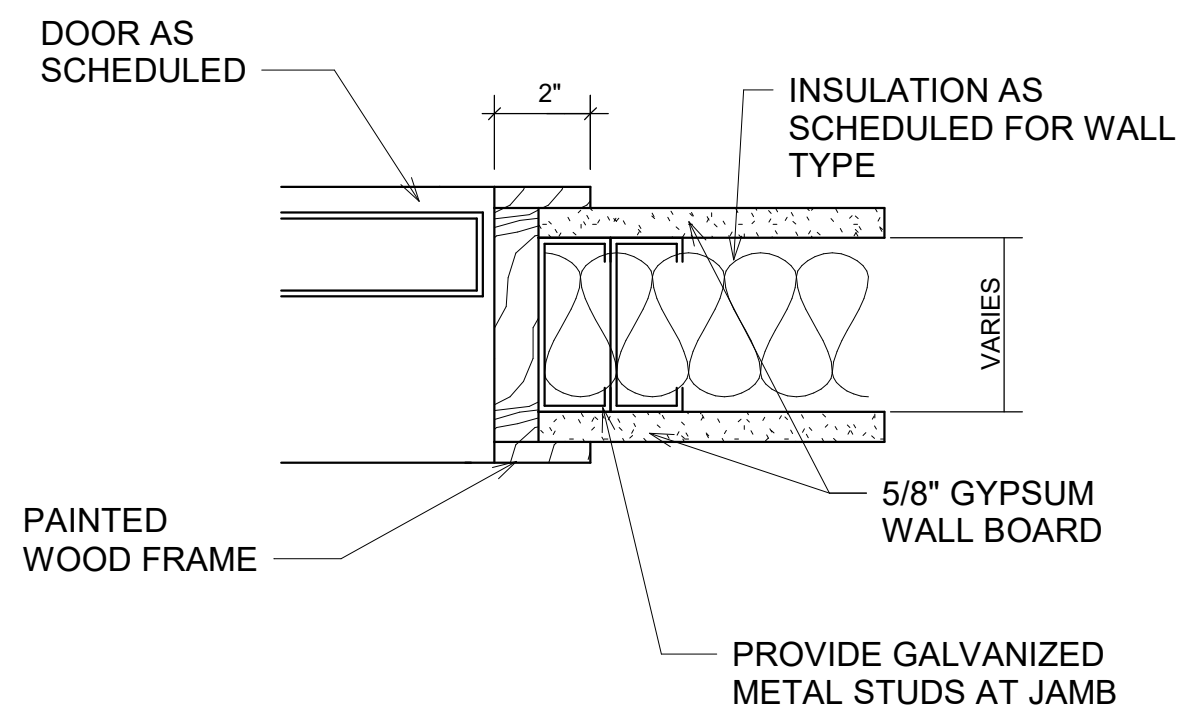
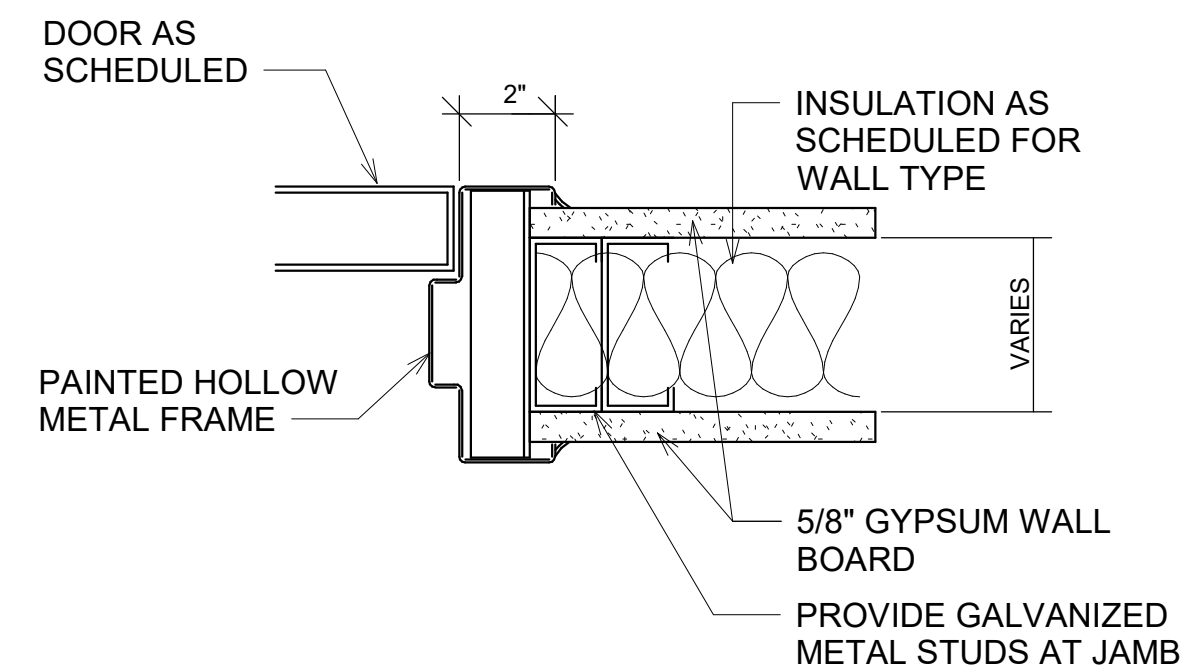
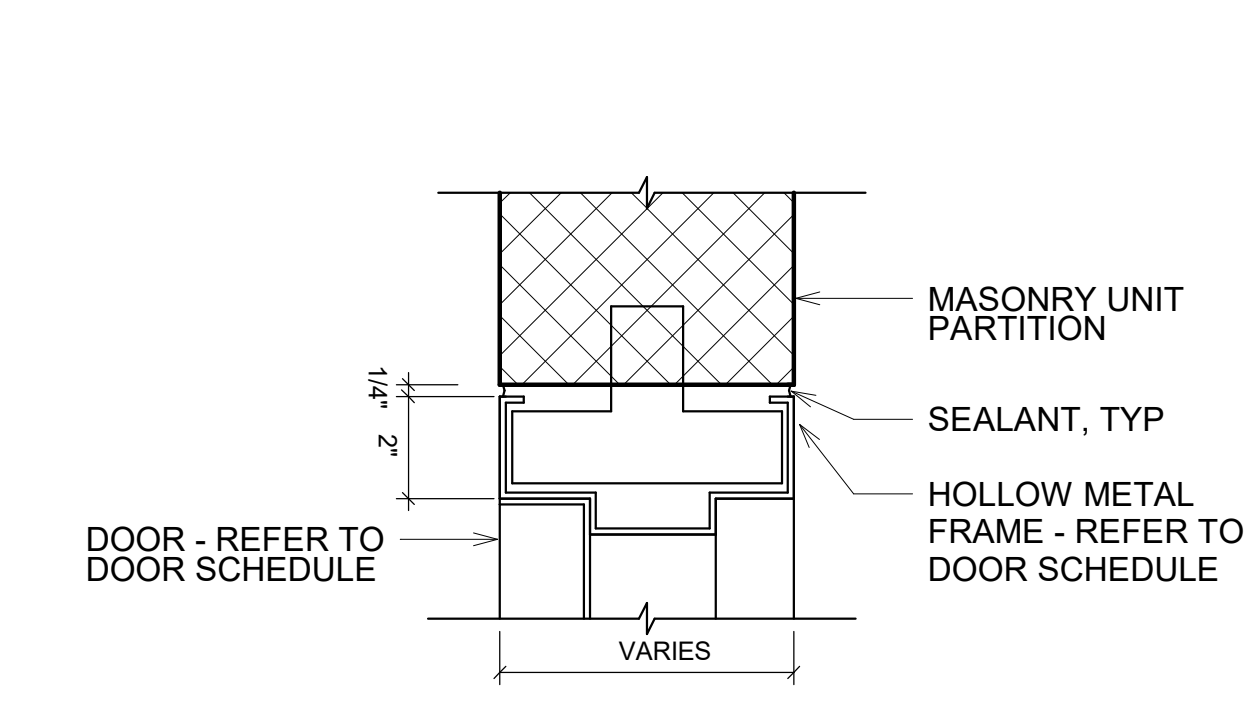
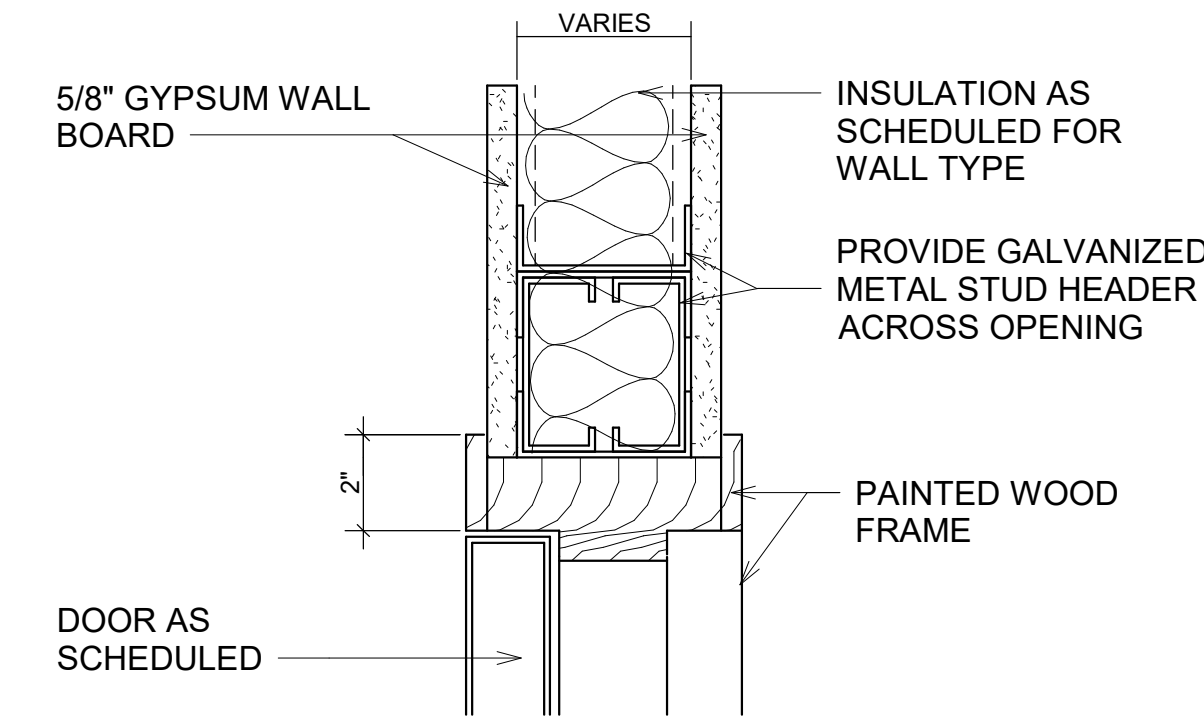
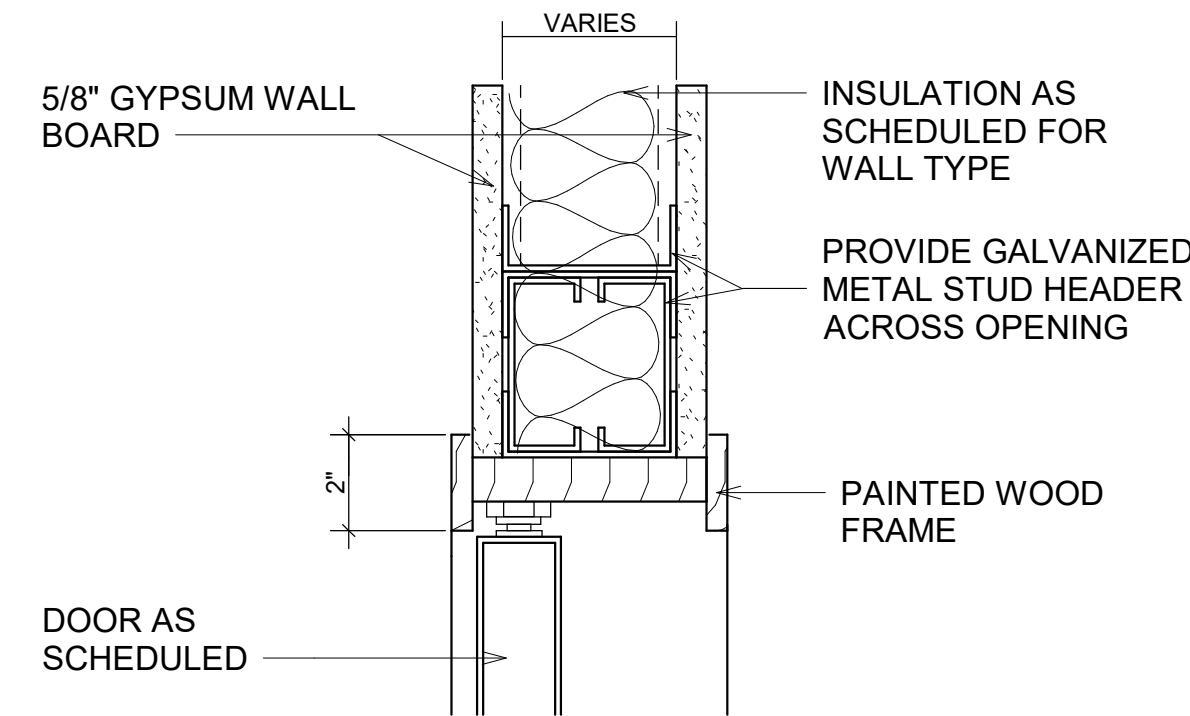
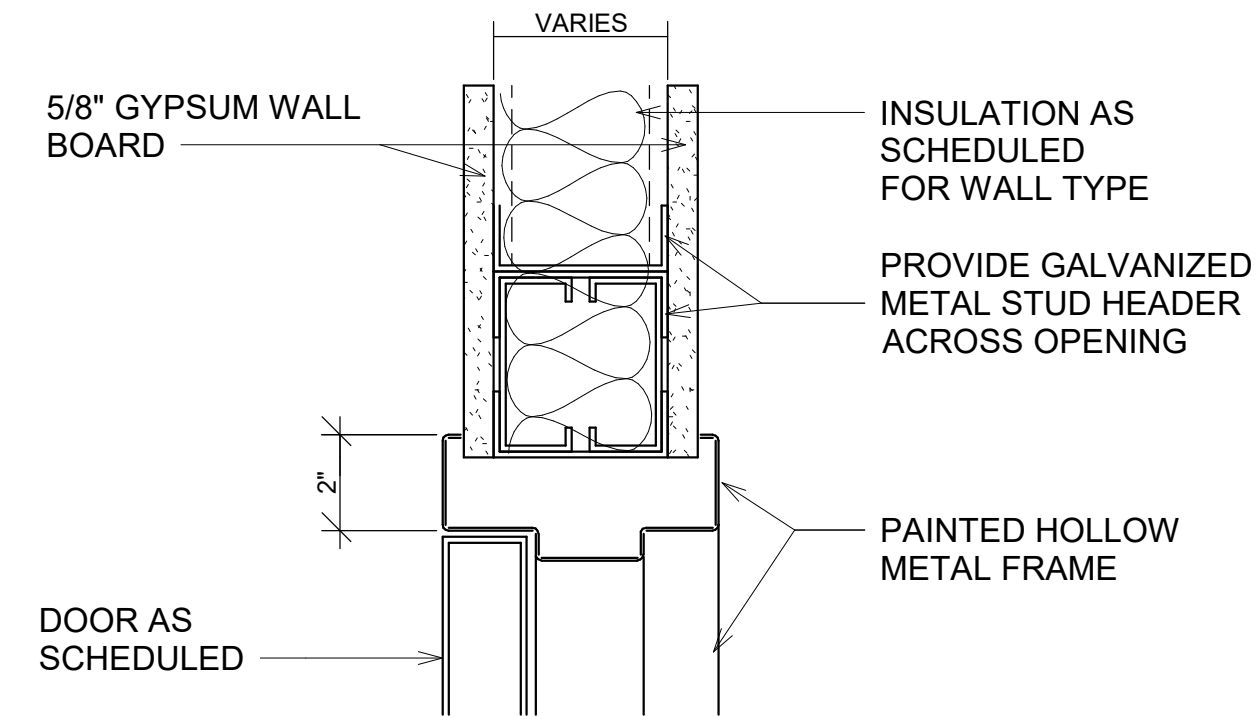
- ALL INTERIOR DOORS TO BE FLUSH
- SEE UNIT & FLOOR PLANS FOR DOOR SIZES
- MANUFACTURER'S STANDARD HARDWARE SHALL BE USED ON ALL DOORS UNLESS NOTED OTHERWISE
- FIRE RATINGS LISTED IN THE DOOR SCHEDULE ARE CURRENT FIRE RATING REQUIREMENTS - NO EXISTING RATINGS ARE LISTED.
- COORDINATE DOOR SIZES, DETAILS, AND ROUGH OPENING REQUIREMENTS OF DOOR MANUFACTURER

DOOR TYPES

FRAME TYPES



DOOR DETAILS



PERMIT SET
ISSUED FOR CONSTRUCTION

ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs / PERMIT SET	06/04/2021

FINAL CONSTRUCTION
DOCUMENTS

**E.P.H.A. OFFICE
RENOVATION**

3056 Norman Berry Dr, East Point, GA 30344

DOOR SCHEDULE & DETAILS

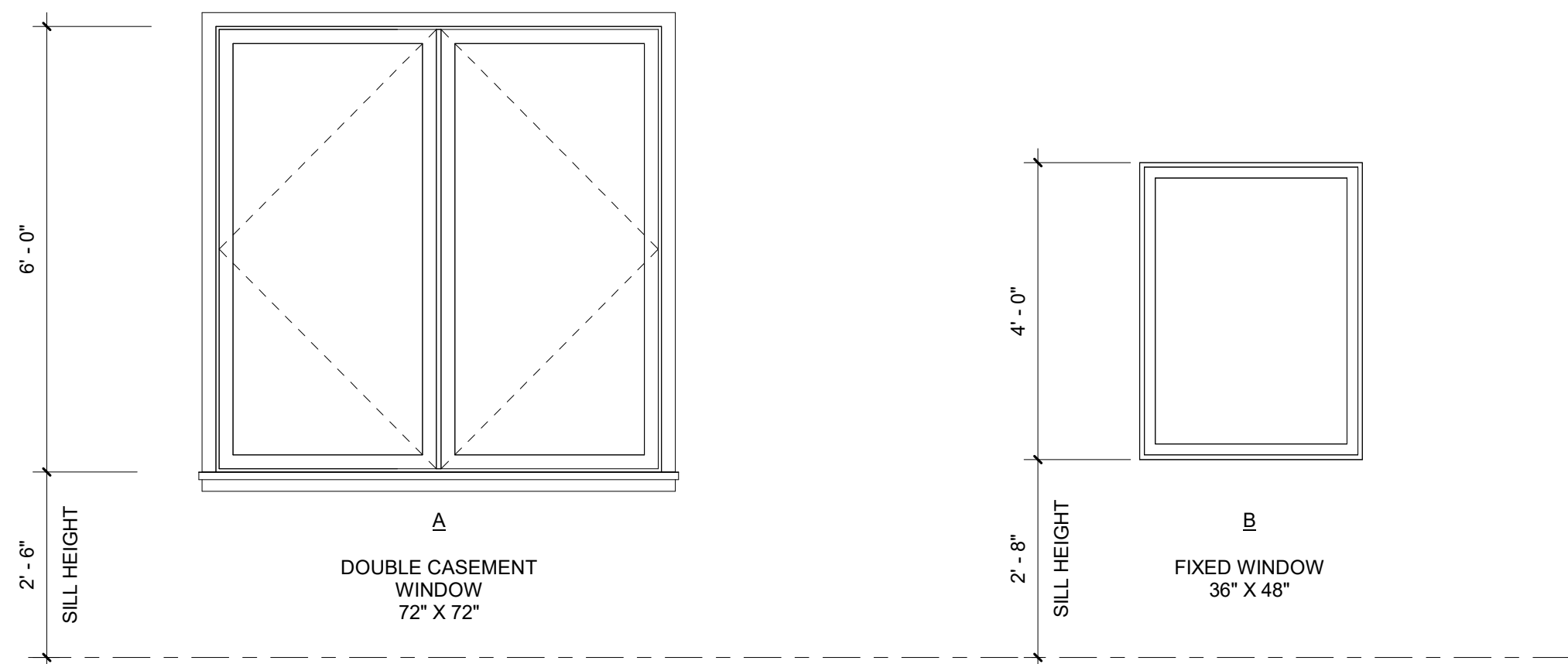
D.S., C.R., B.A. 202005.01
Drawn By Project No.
M.HILL 06/04/2021
Approved By Date



A-500

Drawing No.

WINDOWS



WINDOW SCHEDULE							
MARK	WINDOW TYPE	NOMINAL HEIGHT	NOMINAL WIDTH	ROUGH HEIGHT	ROUGH WIDTH	DETAIL	COMMENTS
A	DOUBLE CASEMENT: 72" x 72"	6' - 0"	6' - 0"	6' - 0 1/2"	6' - 0 1/2"	1/A-501	GLASS BREAK SENSOR
B	FIXED: 36" x 48"	4' - 0"	3' - 0"	4' - 6"	5' - 0 1/2"	2/A-501	ALUMINUM FRAME STOREFRONT WINDOW
F	Quikserv Combination Fixed Window and Transaction Drawer - PCJ-130 Safeserv Pharmacy as Specified	4' - 5 1/2"	5' - 0"	4' - 6"	5' - 0 1/2"		

WINDOW NOTES

- ALL WINDOW GLAZING SHALL BE LOW-E.
- ALL WINDOWS WITH OPERABLE FUNCTIONS SHALL MEET IBC OPENING REQUIREMENTS
- ALL GLAZING SHALL COMPLY WITH IBC SECTION 12406
- MANUFACTURER'S STANDARD HARDWARE SHALL BE USED ON OPERABLE WINDOWS UNLESS NOTED OTHERWISE
- COORDINATE WINDOW SIZES, DETAILS, AND ROUGH OPENING REQUIREMENTS OF WINDOW MANUFACTURER
- FOAM SEAL ALL OPEN JOINTS FROM FRAME TO ROUGH OPENING WITH LOW EXPANDING FOAM.
- GLAZING AT DOOR LITES, AND/OR SIDE LITES SHALL BE TEMPERED PER SPECIFICATION AND AS NECESSARY TO MEET IBC SECTION 2406
- WINDOW OPERATOR LOCATIONS TO BE VERIFIED BY ARCHITECT OF RECORD PRIOR TO ORDER/INSTALL. WINDOW OPERATOR STYLE TO BE VERIFIED BY AOR AND OWNER PRIOR TO ORDER/INSTALL.

PERMIT SET
ISSUED FOR CONSTRUCTION

ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs / PERMIT SET	06/04/2021

FINAL CONSTRUCTION
DOCUMENTSE.P.H.A. OFFICE
RENOVATION

3056 Norman Berry Dr, East Point, GA 30344

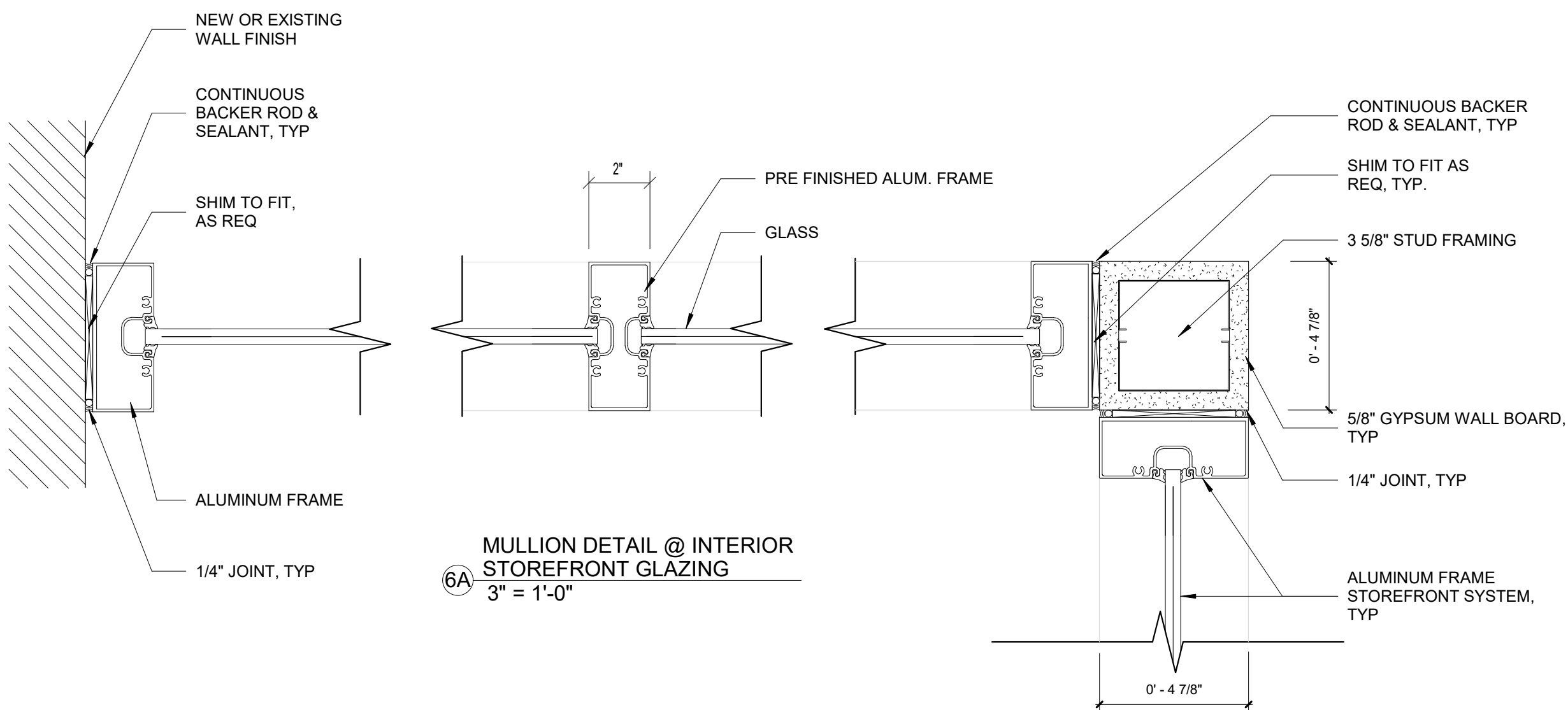
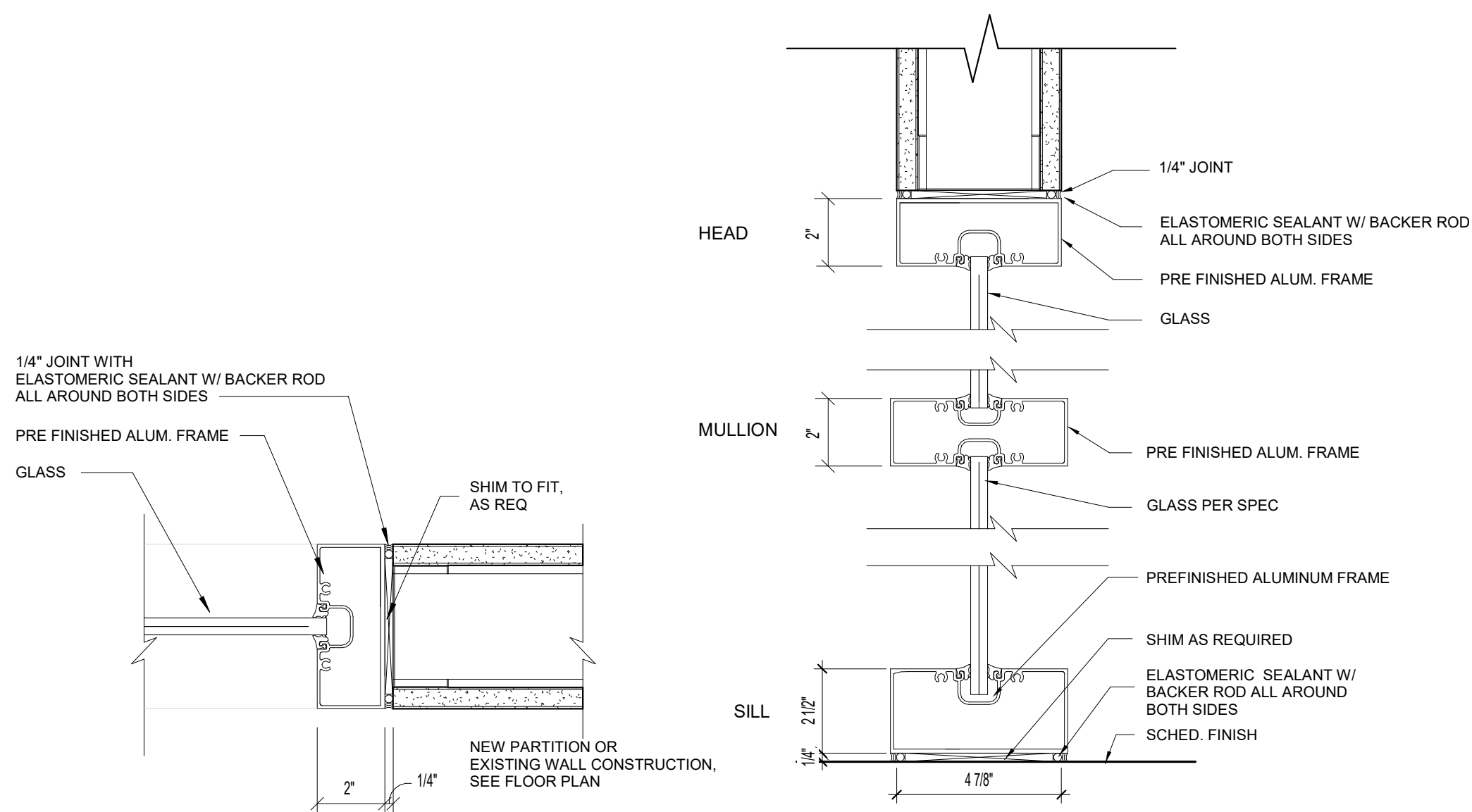
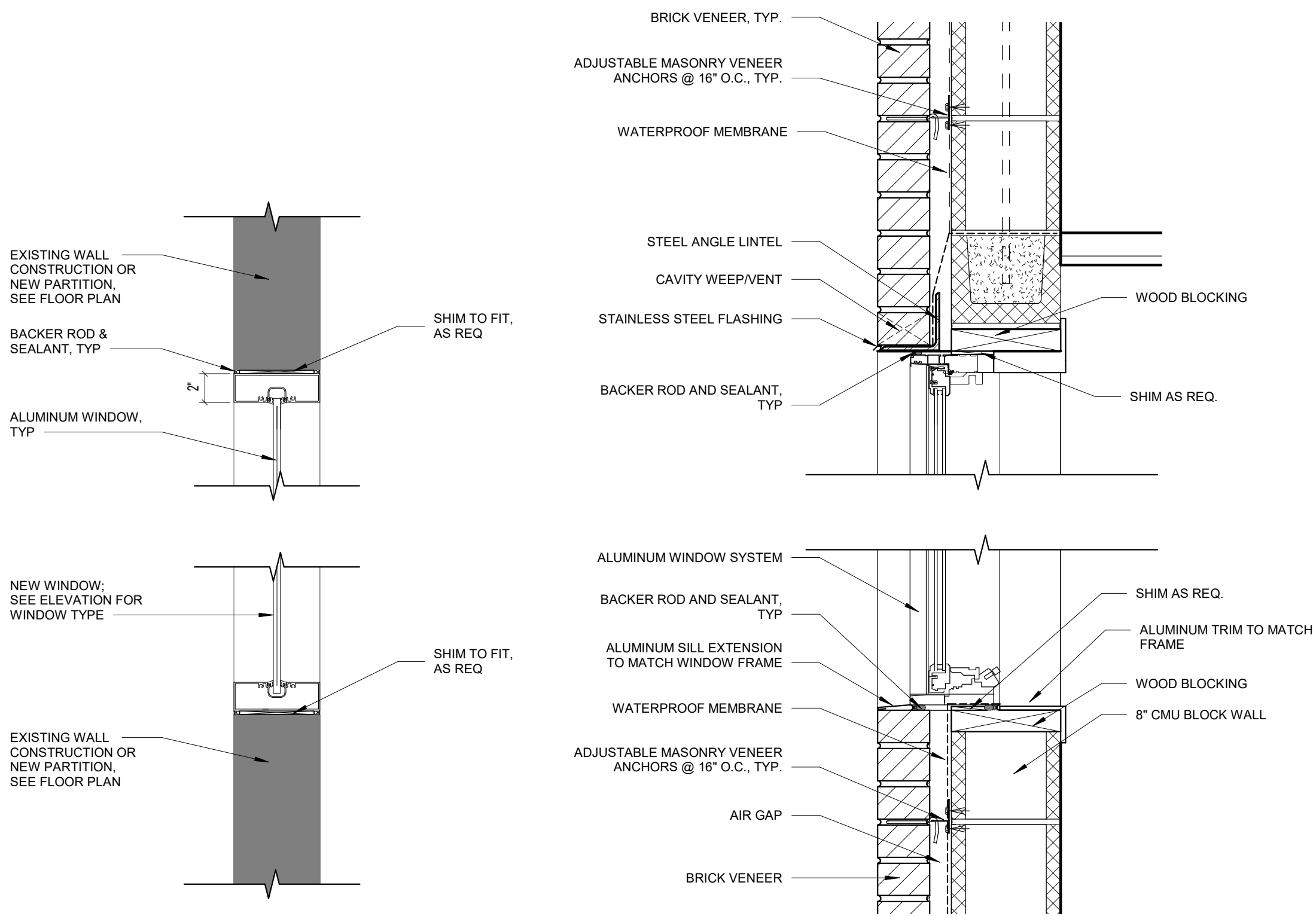
WINDOW SCHEDULE,
WINDOW & STOREFRONT
DETAILS

D.S., C.R., B.A. 202005.01
Drawn By Project No.
M.HILL 06.04.2021
Approved By Date



A-501

Drawing No.

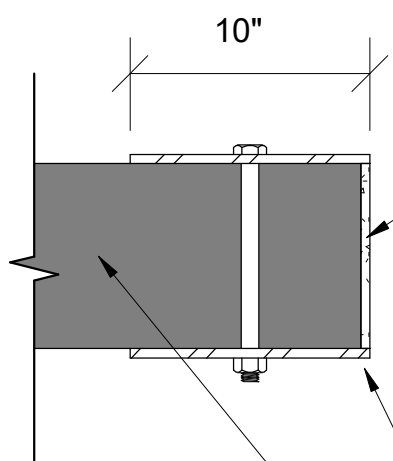
14 SECTION DETAIL @ NEW FOLDING GLASS WALL HEAD & SILL
1 1/2" = 1'-0"7 TYPICAL JAMB DETAIL @ INTERIOR
STOREFRONT GLAZING AT WALL
3" = 1'-0"6 JAMB DETAIL @ GYP & INTERIOR STOREFRONT CORNER
3" = 1'-0"5 JAMB DETAIL @ INTERIOR STOREFRONT
3" = 1'-0"4 INTERIOR STOREFRONT DETAIL SECTION
3" = 1'-0"3 JAMB DETAIL @ NEW INTERIOR STOREFRONT WINDOW
1 1/2" = 1'-0"2 HEAD & SILL DETAIL @ NEW INTERIOR STOREFRONT WINDOW
1 1/2" = 1'-0"1 TYPICAL SECTION DETAIL @ EXTERIOR
WINDOW HEAD & SILL
1 1/2" = 1'-0"

NEW STEEL CHANNEL, TYP
SEE STRUCTURAL FOR
ADDITIONAL INFORMATION

EXISTING WALL CONSTRUCTION

WELDED STEEL PLATE,
SEE STRUCTURAL FOR
ADDITIONAL INFORMATION

CHANNEL HEADER / LINTEL

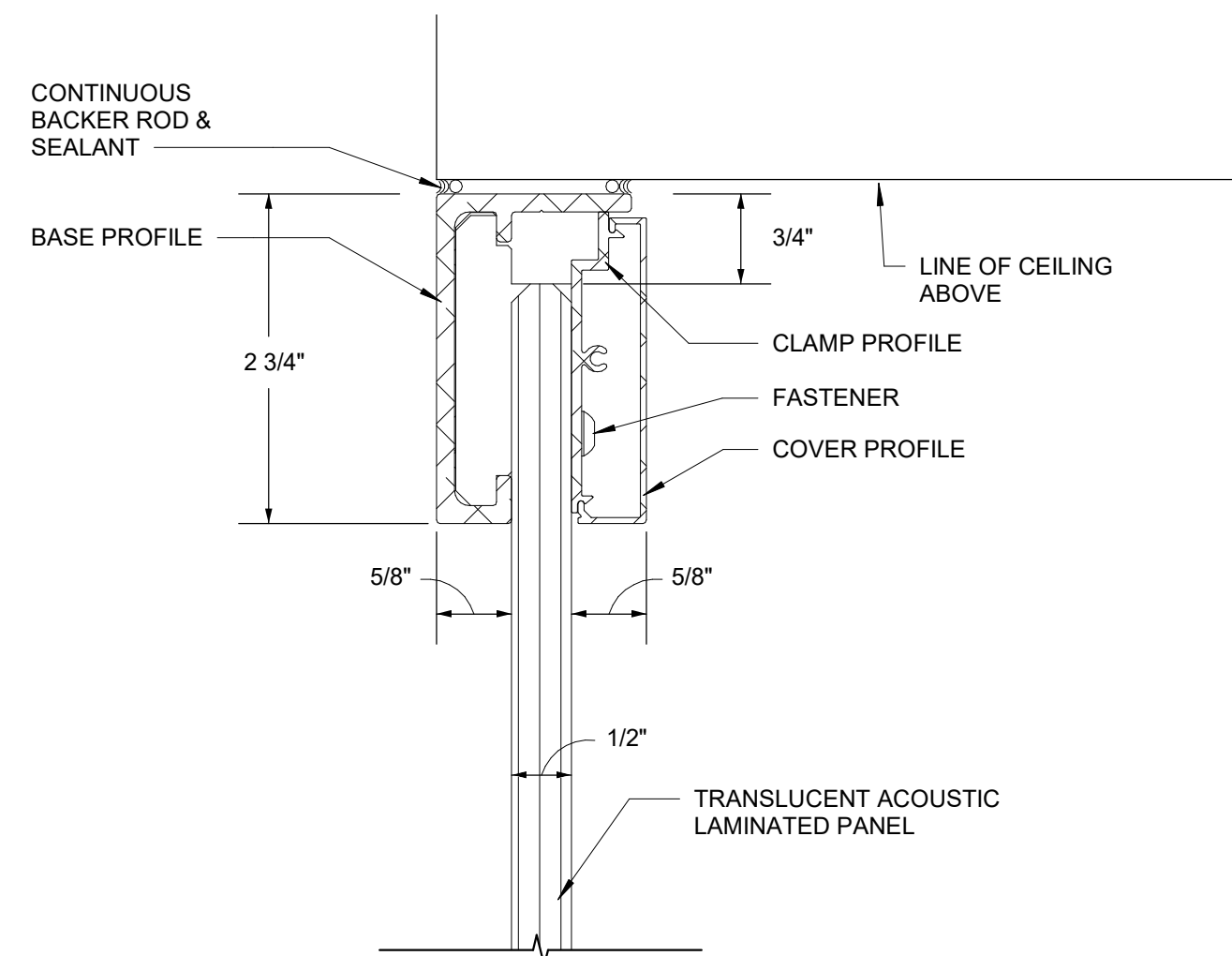


PAINTED PLASTER FINISH

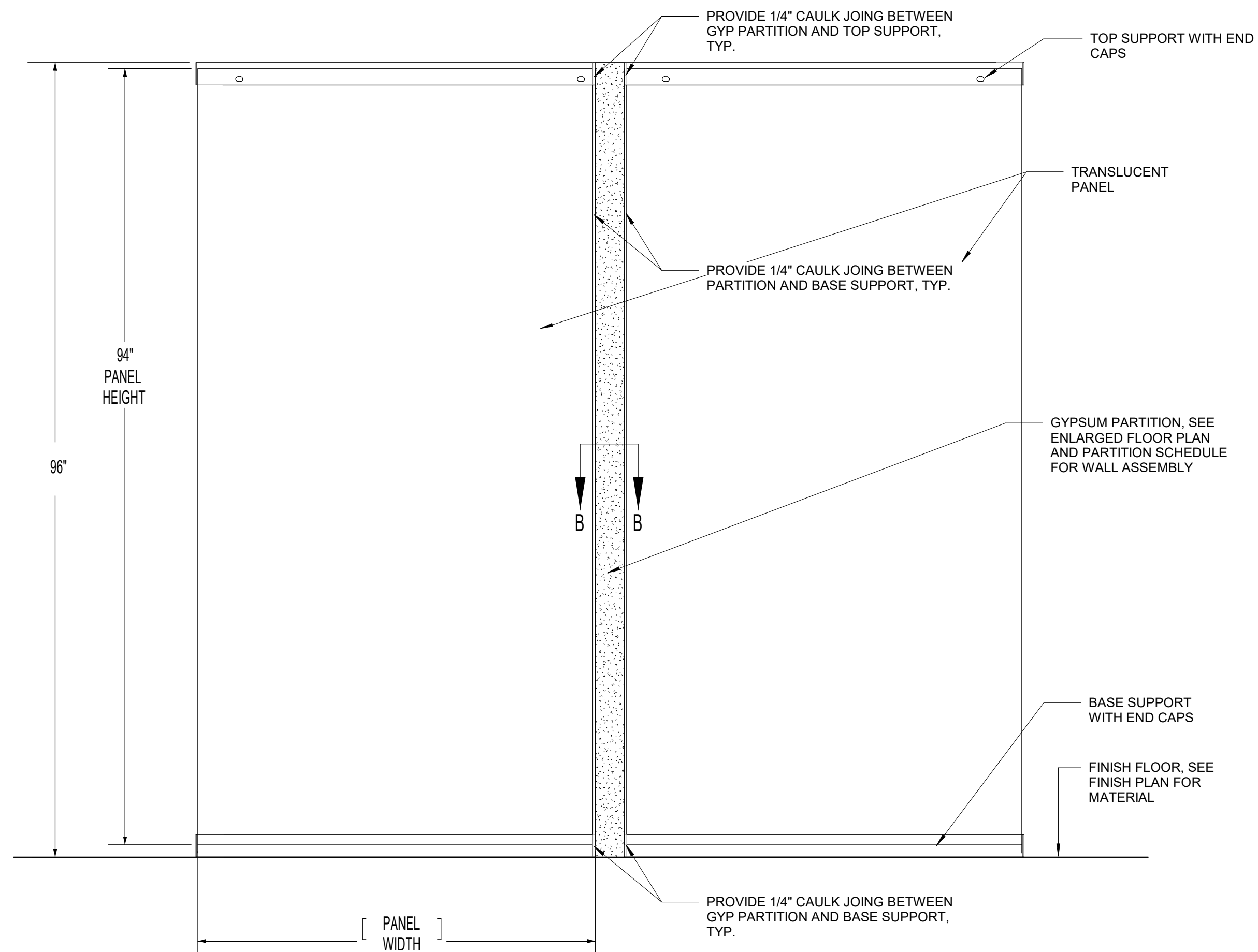
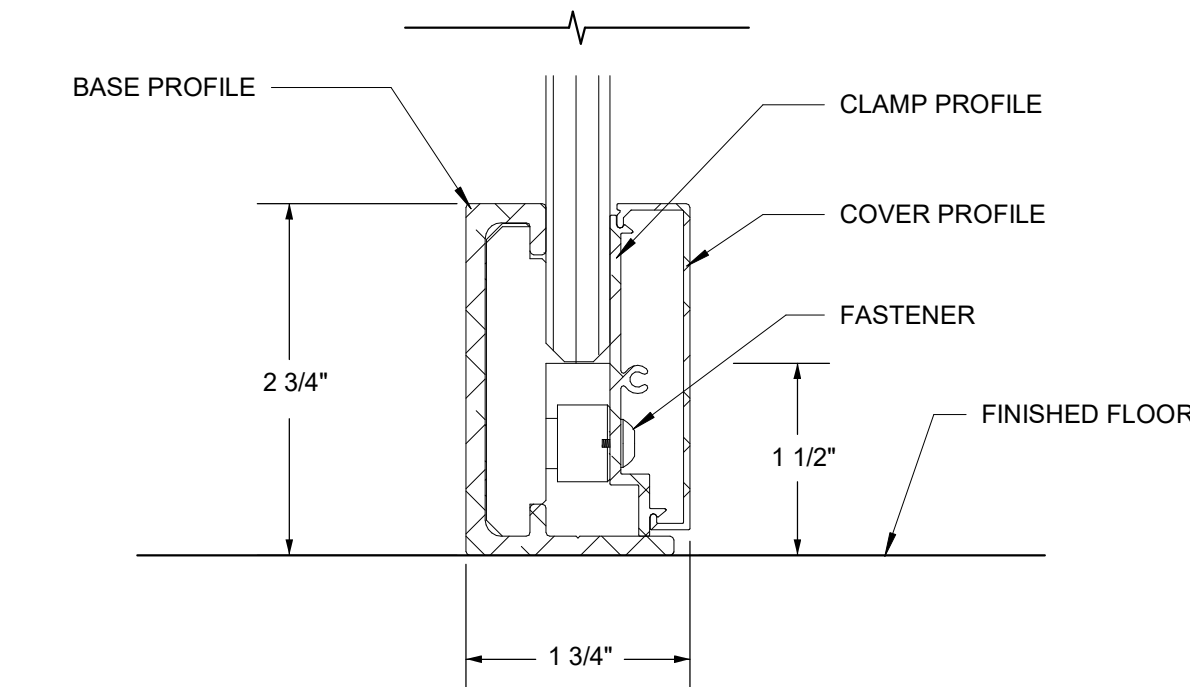
STEEL PLATE,
SEE STRUCTURAL FOR ADDITIONAL
INFORMATION

EXISTING WALL CONSTRUCTION

JAMB REINFORCEMENT

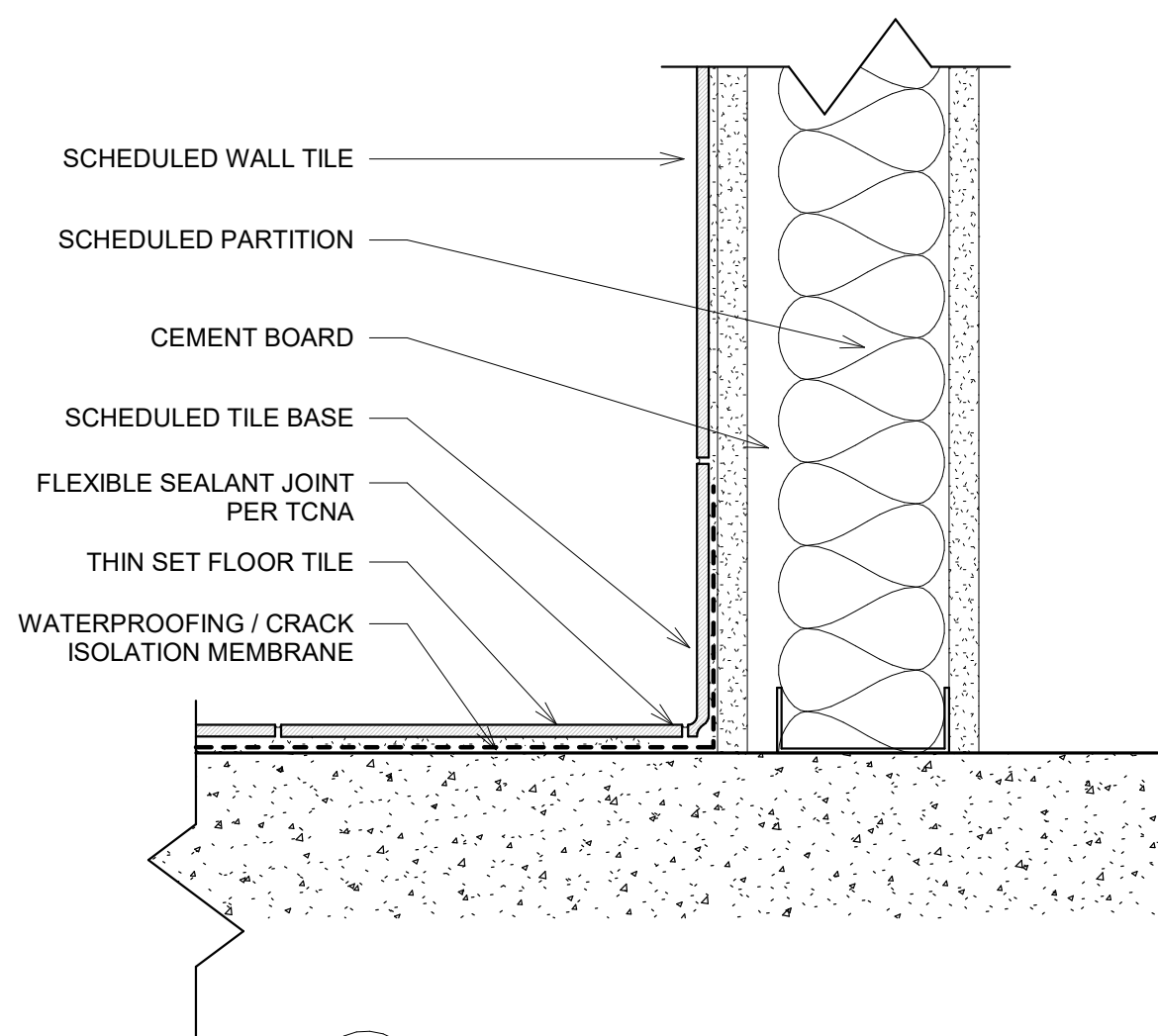
11 MASONRY OPENING HEAD & JAMB DETAIL
1 1/2" = 1'-0"

10 HEAD & SILL DETAIL @ INTERIOR GLAZED PANEL

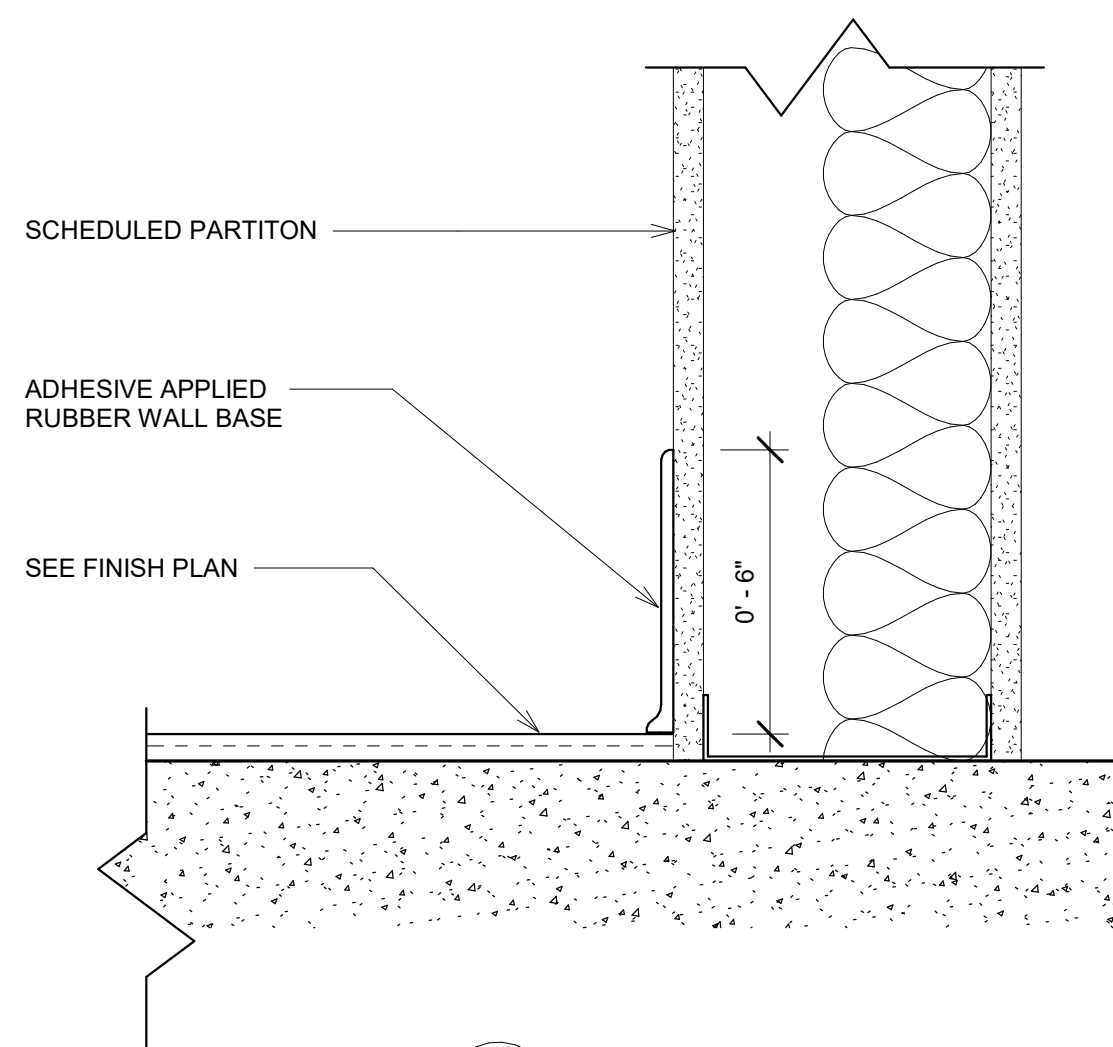


9 INTERIOR ELEVATION @ GLAZED PANELS

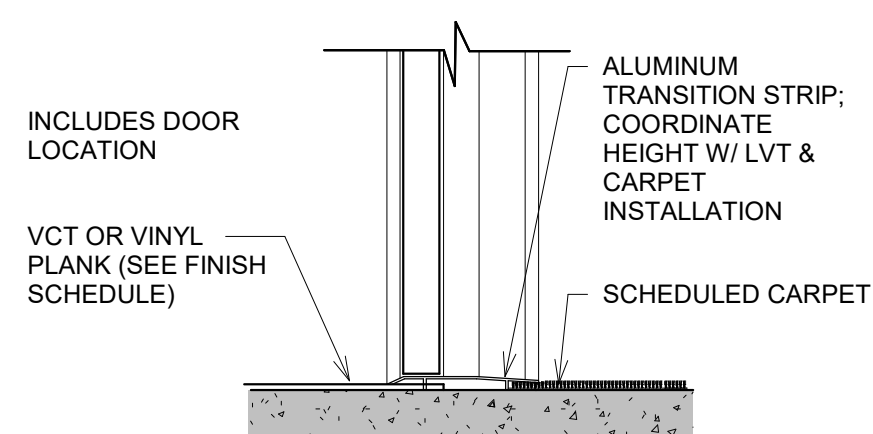
BASE DETAILS



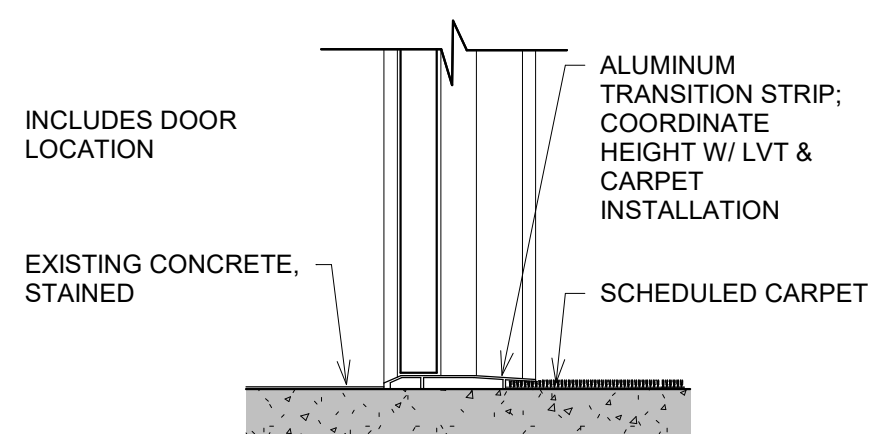
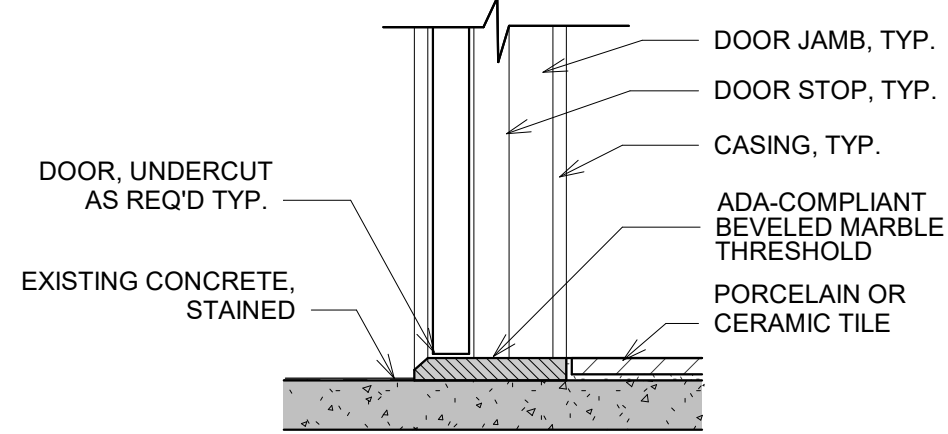
BD-2 DETAIL @ TILE BASE



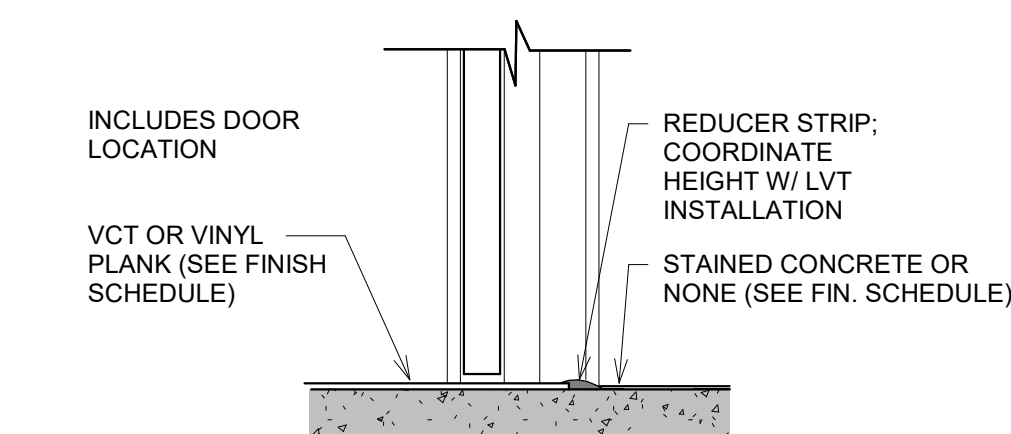
BD-1 DETAIL @ RUBBER WALL BASE



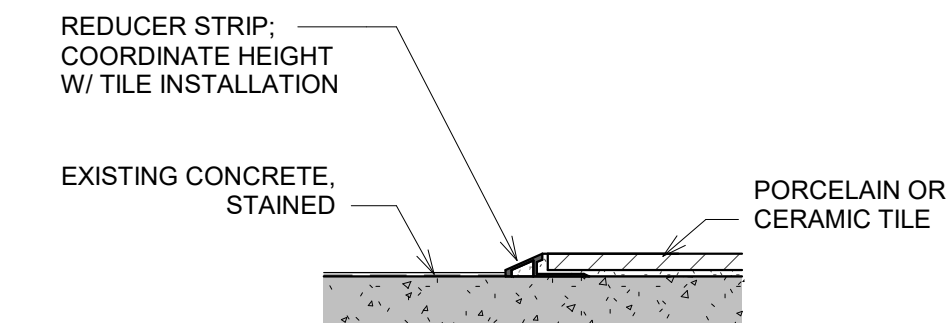
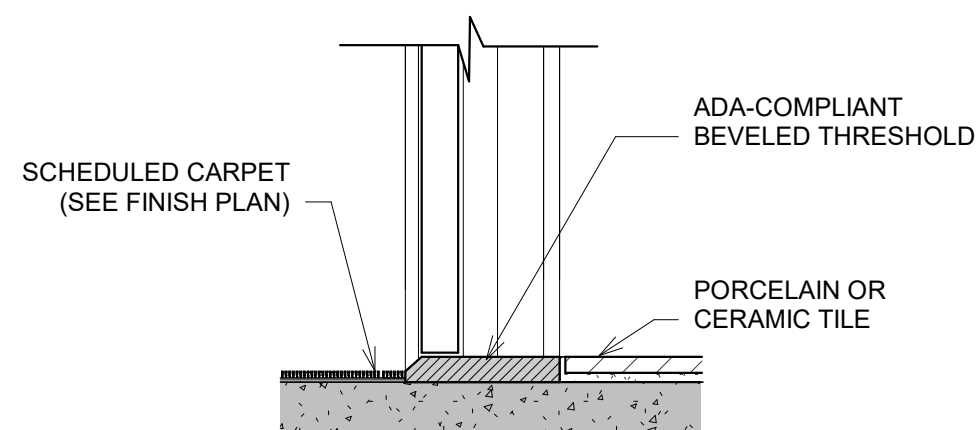
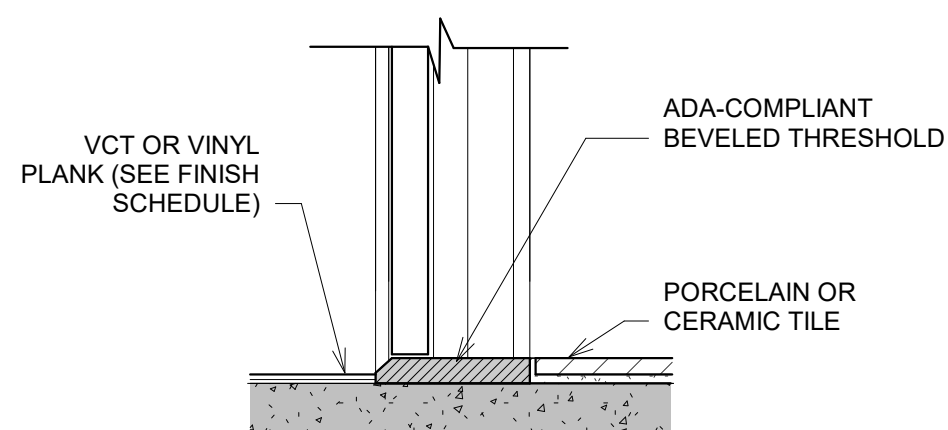
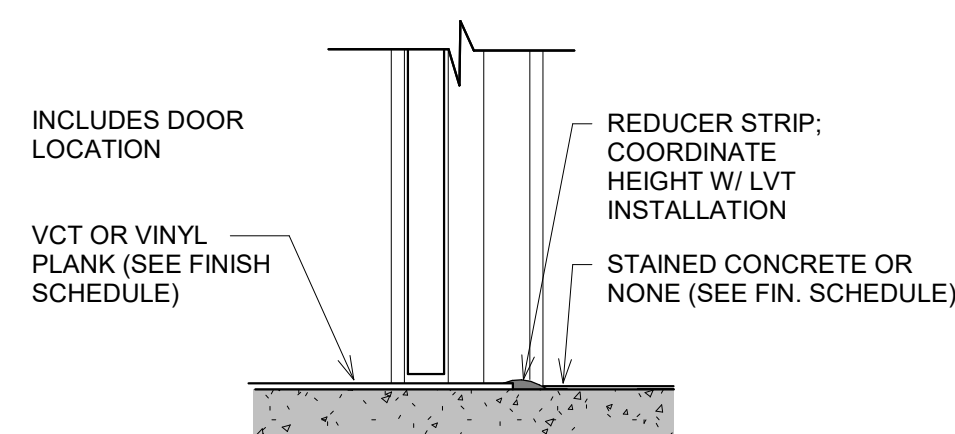
5 THRESHOLD @ LVT TO CARPET

4 THRESHOLD @ CARPET TO CONCRETE
12" = 1'-0"

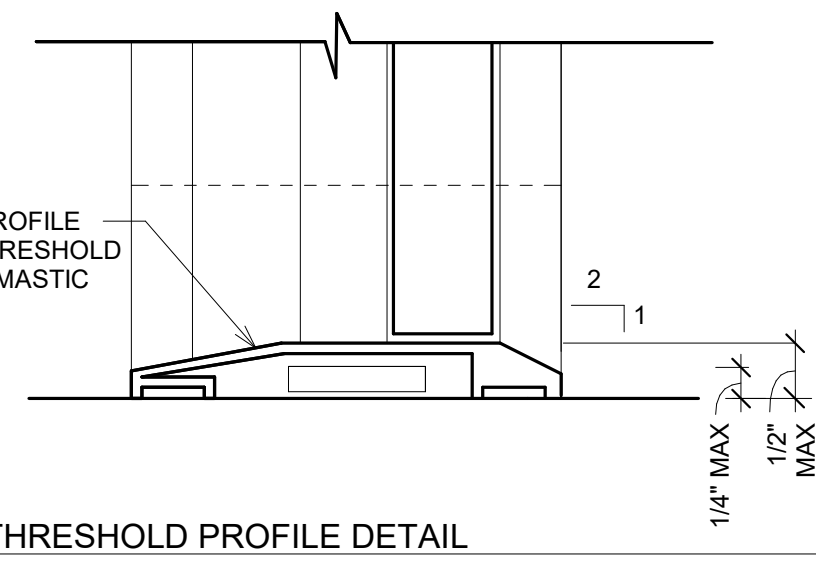
3 THRESHOLD @ TILE TO CONCRETE



2 THRESHOLD @ LVT TO CONCRETE

8 TRANSITION @ TILE TO CONCRETE
12" = 1'-0"7 ADA THRESHOLD @ TILE TO CARPET
12" = 1'-0"6 ADA THRESHOLD @ TILE TO LVT
12" = 1'-0"

1 ADA THRESHOLD PROFILE DETAIL

PERMIT SET
ISSUED FOR CONSTRUCTION

ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020

FINAL CONSTRUCTION
DOCUMENTSE.P.H.A. OFFICE
RENOVATION

3056 Norman Berry Dr, East Point, GA 30344

FLOOR, GLASS PANEL &
MASONRY DETAILS

D.S., C.R., B.A. 202005.01
Drawn By Project No.
M.HILL 06/04/2021
Approved By Date



A-502

Drawing No.

PROJECT NUMBER: 202005.01 PROJECT NAME: E.P.H.A. OFFICE RENOVATION

SHEET NUMBER: A-503 - CEILING DETAILS

C:\Users\SHAPE_TECH7\Documents\R19_EPHA Office Renovation_Central_dsparkmanXM6Q2.rvt
6/4/2021 6:49:54 PM



STUDIO H ARCHITECTURE • PLANNING • ENVIRONMENTS
364 NELSON ST. SW, SUITE #5 • ATLANTA, GA 30313

PHASE 2 CONSTRUCTION ADD ALTERNATE NOTES

1. PROVIDE ADD ALTERNATE PRICING FOR CLOUD CEILING IN **CORRIDOR [101A]** TO BE COMPLETED IN A SEPARATE PHASE OF CONSTRUCTION. SEE DETAILS ON A-504 FOR ADDITIONAL INFORMATION
2. PROVIDE ADD ALTERNATE PRICING FOR CLOUD CEILING IN **HALL [101B]** TO BE COMPLETED IN A SEPARATE PHASE OF CONSTRUCTION. SEE DETAILS ON A-504 FOR ADDITIONAL INFORMATION
3. PROVIDE ADD ALTERNATE PRICING FOR CLOUD CEILING IN **CORRIDOR [150]** TO BE COMPLETED IN A SEPARATE PHASE OF CONSTRUCTION. SEE DETAILS ON A-504 FOR ADDITIONAL INFORMATION
4. PROVIDE ADD ALTERNATE PRICING FOR WOOD CEILING IN **BOARDROOM [112]** TO BE COMPLETED IN A SEPARATE PHASE OF CONSTRUCTION. SEE DETAILS ON A-503 FOR ADDITIONAL INFORMATION

PERMIT SET ISSUED FOR CONSTRUCTION

ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs / PERMIT SET	06/04/2021

FINAL CONSTRUCTION DOCUMENTS

E.P.H.A. OFFICE RENOVATION

3056 Norman Berry Dr, East Point, GA 30344

CEILING DETAILS

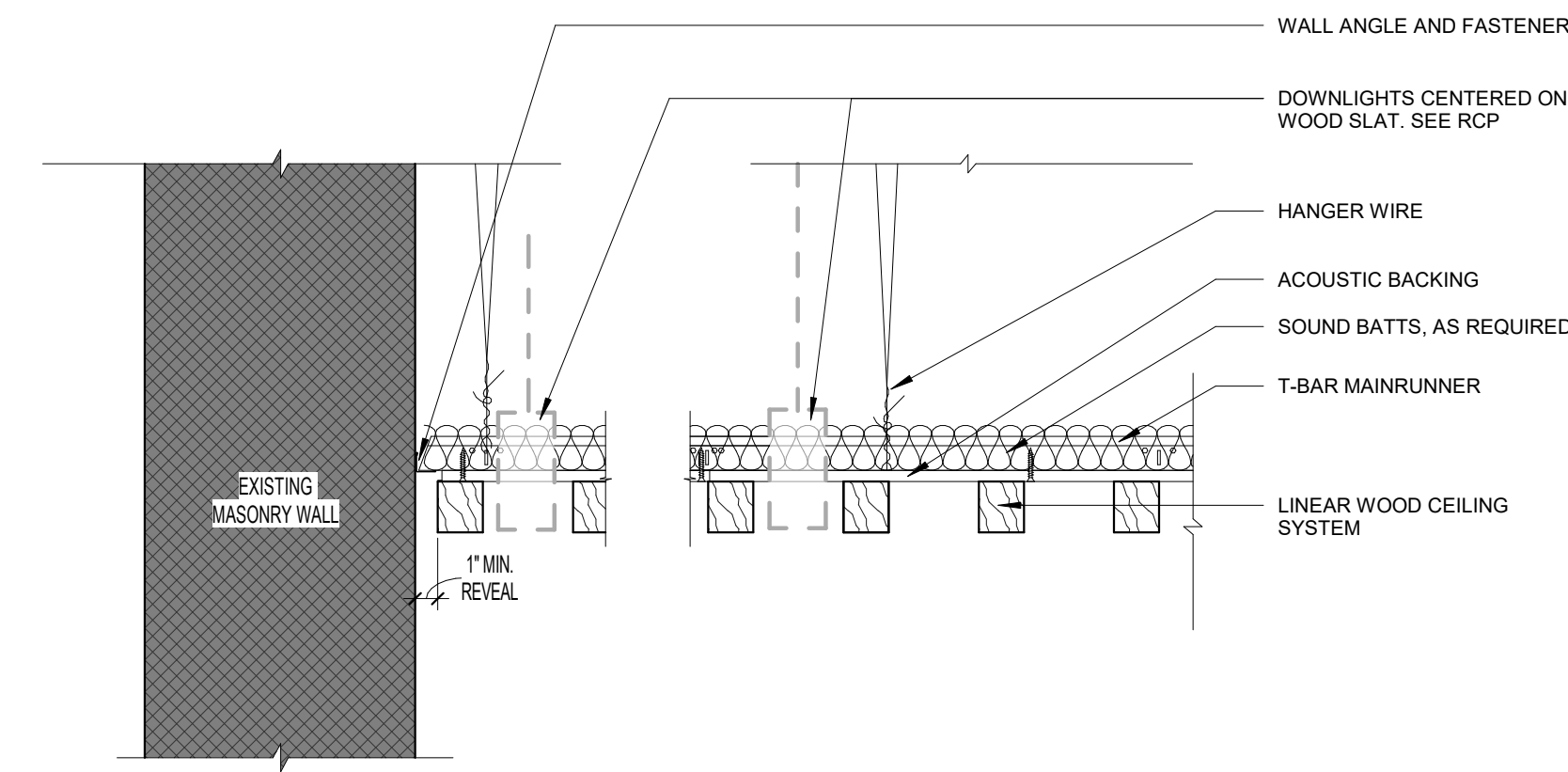


Author _____ 202005.01
Drawn By _____ Project No.
Approver _____ 06/04/2021
Approved By _____ Date

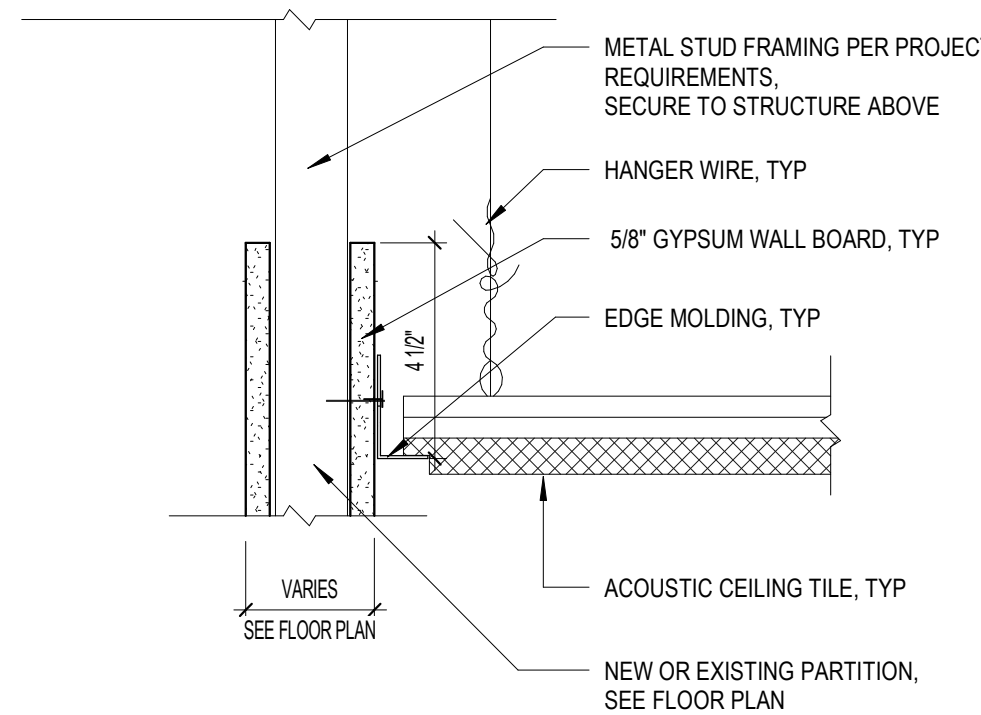


A-503

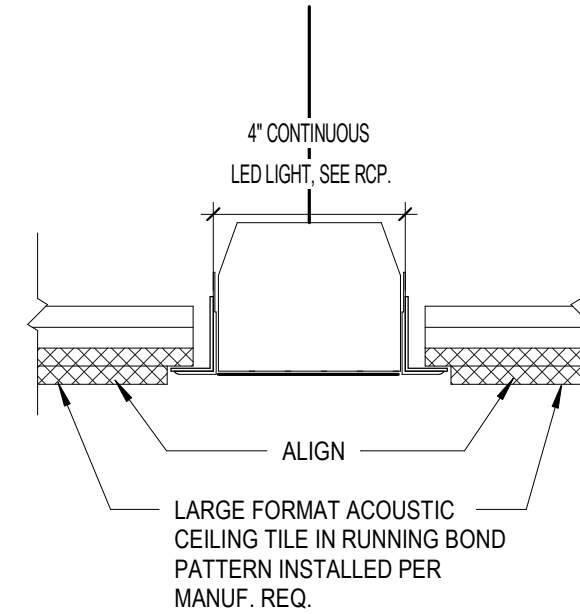
Drawing No.



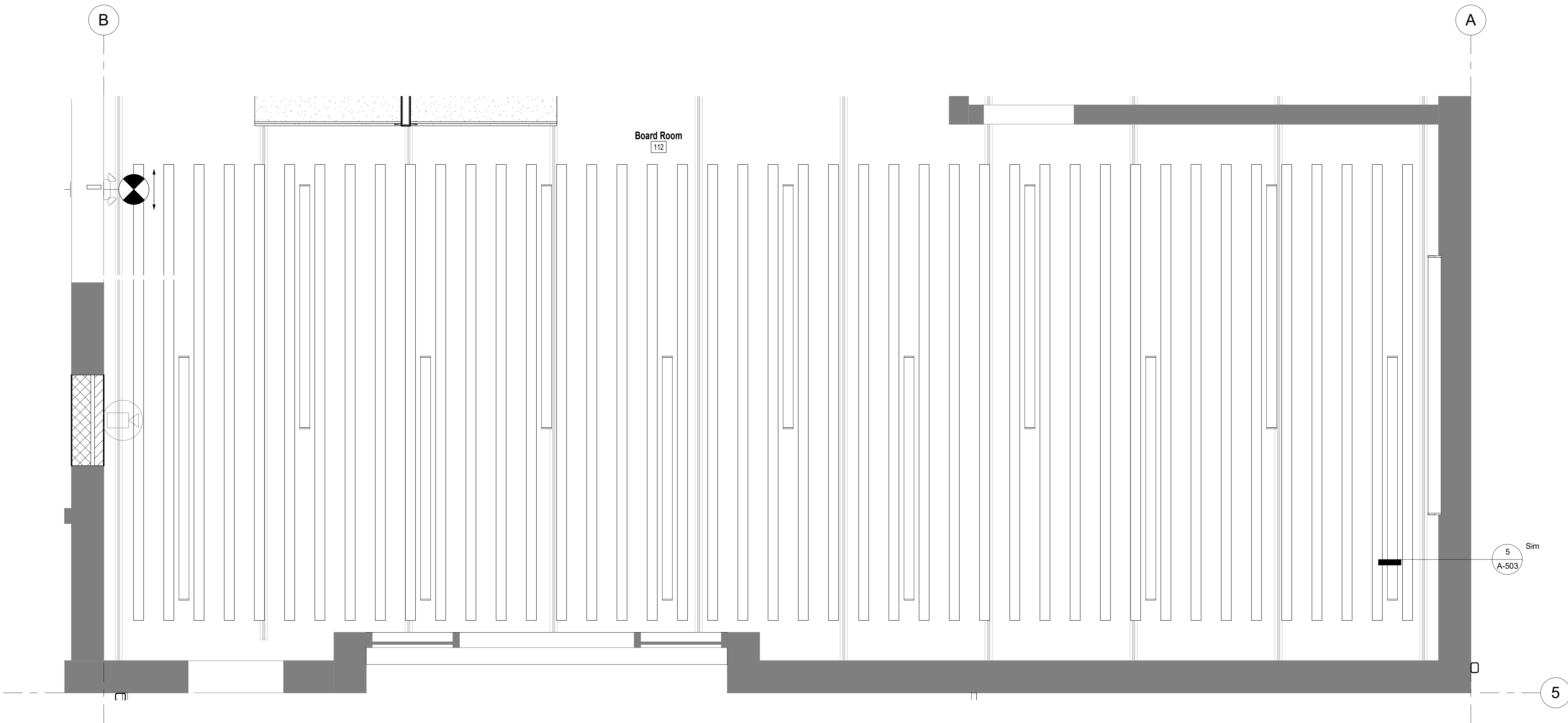
5 SECTION DETAIL @ WOOD CEILING
1 1/2" = 1'-0"



6 SECTION DETAIL @ NEW ACT CEILING, TYP
3" = 1'-0"



2 SECTION @ TYPICAL ACT SYSTEM RECESSED LIGHT
3" = 1'-0"



1 ENLARGED - REFLECTED CEILING PLAN - BOARDROOM
1/2" = 1'-0"

PHASE 2 CONSTRUCTION
ADD ALTERNATE NOTES

1. PROVIDE ADD ALTERNATE PRICING FOR CLOUD CEILING IN **CORRIDOR [101A]** TO BE COMPLETED IN A SEPARATE PHASE OF CONSTRUCTION. SEE DETAILS ON A-504 FOR ADDITIONAL INFORMATION
2. PROVIDE ADD ALTERNATE PRICING FOR CLOUD CEILING IN **HALL [101B]** TO BE COMPLETED IN A SEPARATE PHASE OF CONSTRUCTION. SEE DETAILS ON A-504 FOR ADDITIONAL INFORMATION
3. PROVIDE ADD ALTERNATE PRICING FOR CLOUD CEILING IN **CORRIDOR [130]** TO BE COMPLETED IN A SEPARATE PHASE OF CONSTRUCTION. SEE DETAILS ON A-504 FOR ADDITIONAL INFORMATION
4. PROVIDE ADD ALTERNATE PRICING FOR WOOD CEILING IN **BOARDROOM [112]** TO BE COMPLETED IN A SEPARATE PHASE OF CONSTRUCTION. SEE DETAILS ON A-503 FOR ADDITIONAL INFORMATION

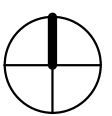
PERMIT SET
ISSUED FOR CONSTRUCTION

ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs / PERMIT SET	06/04/2021

FINAL CONSTRUCTION
DOCUMENTSE.P.H.A. OFFICE
RENOVATION

3056 Norman Berry Dr, East Point, GA 30344

CEILING DETAILS

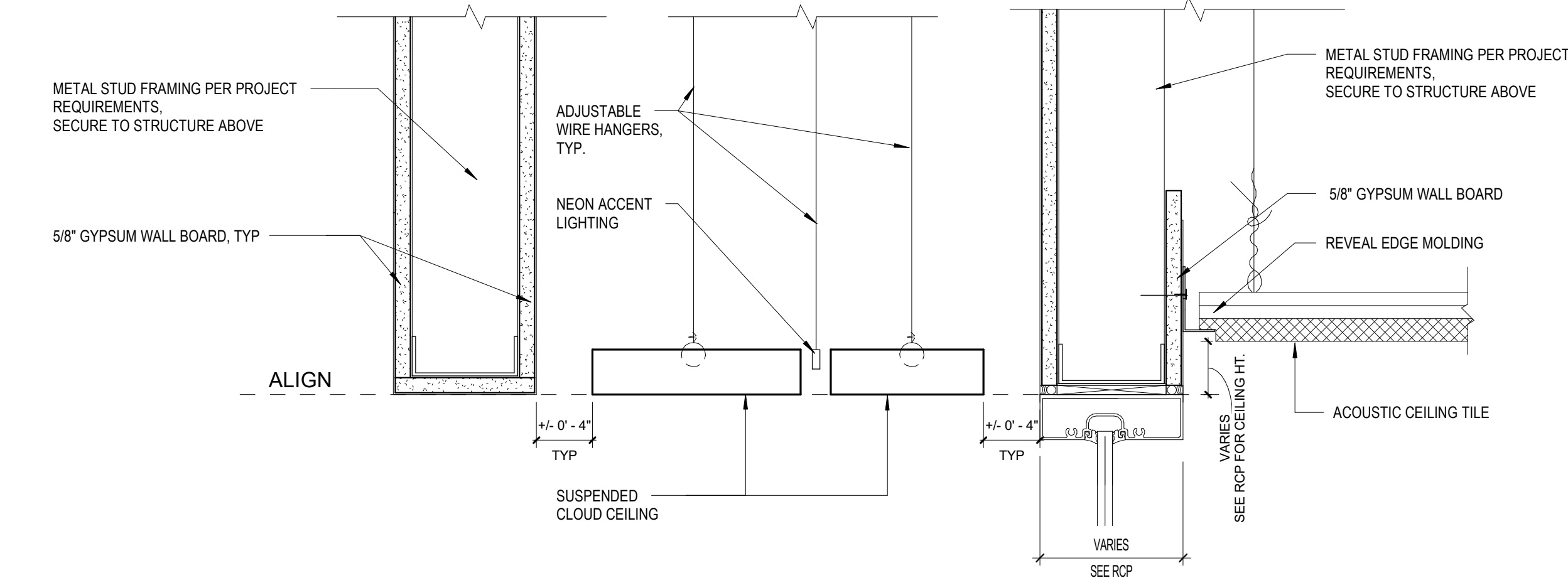
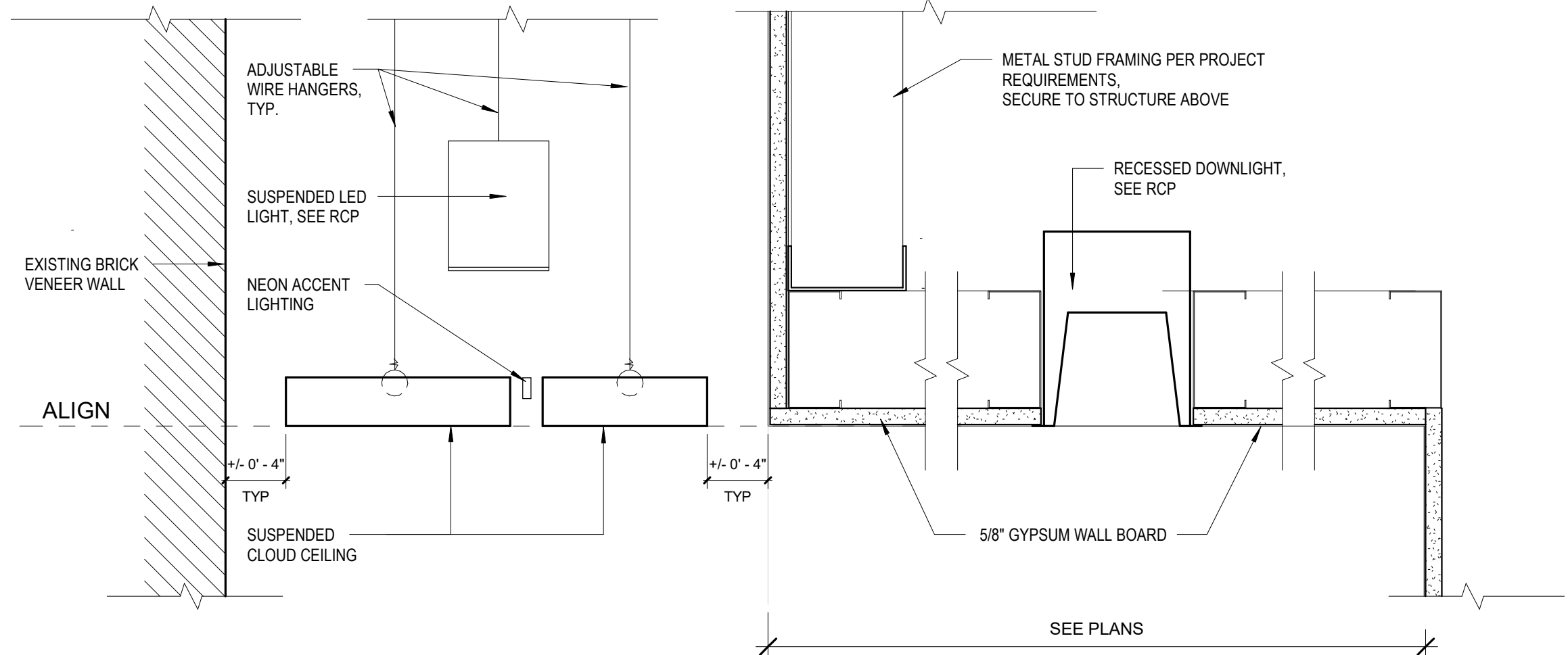
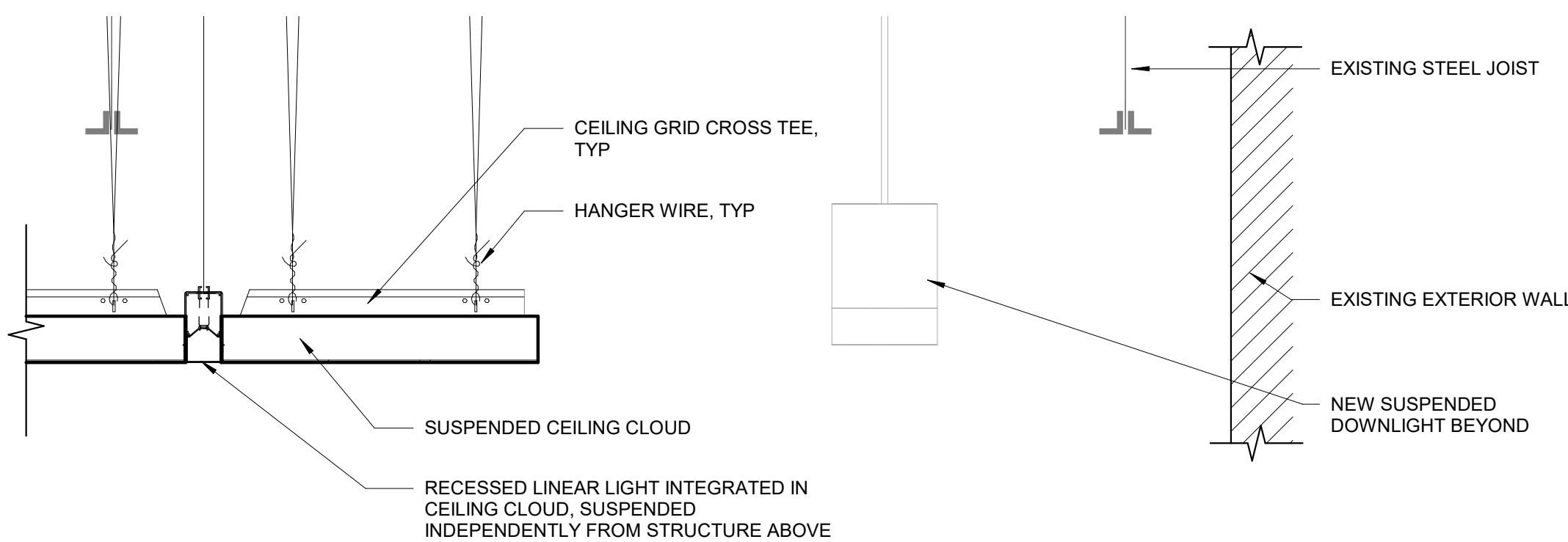
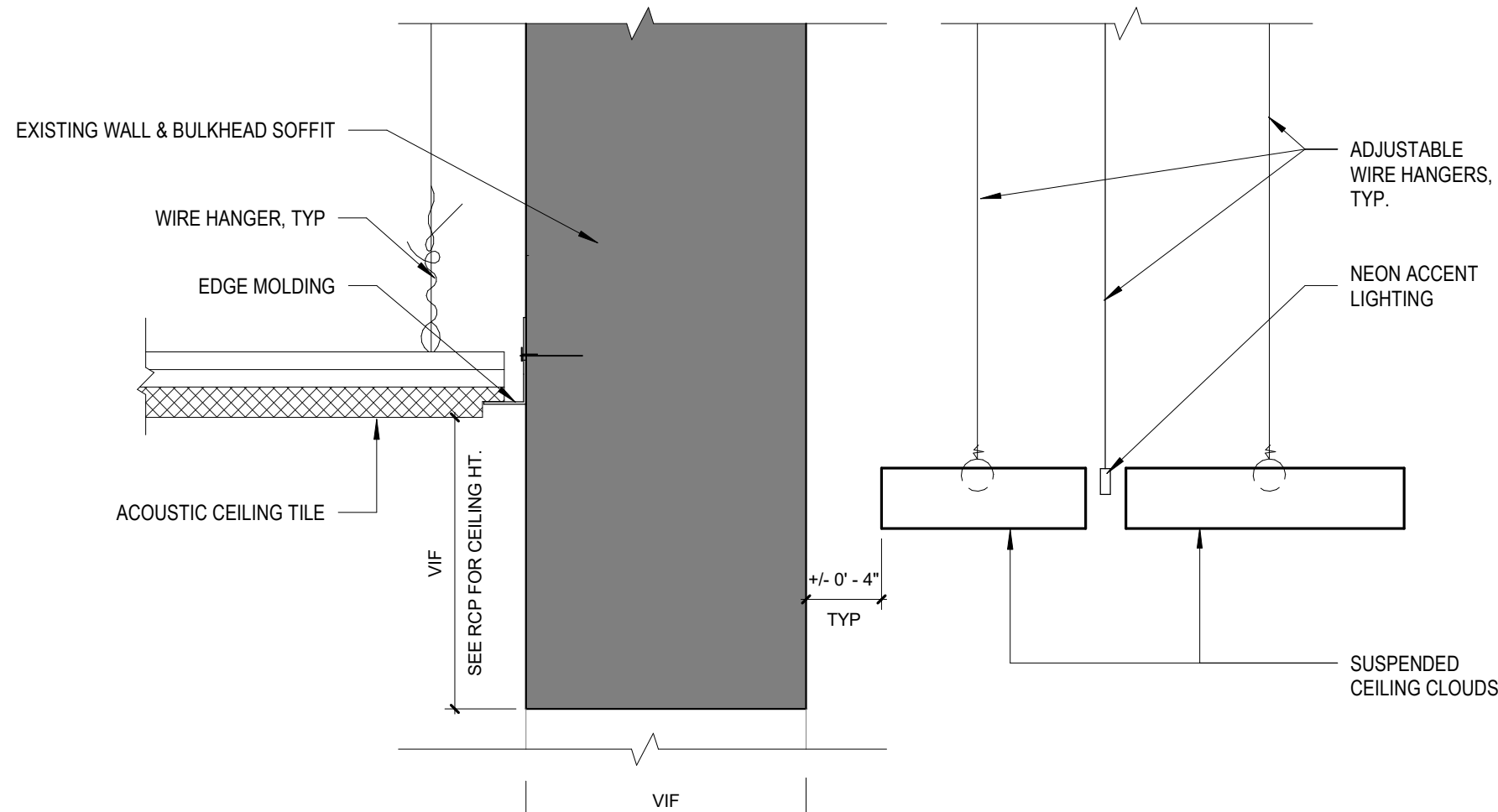
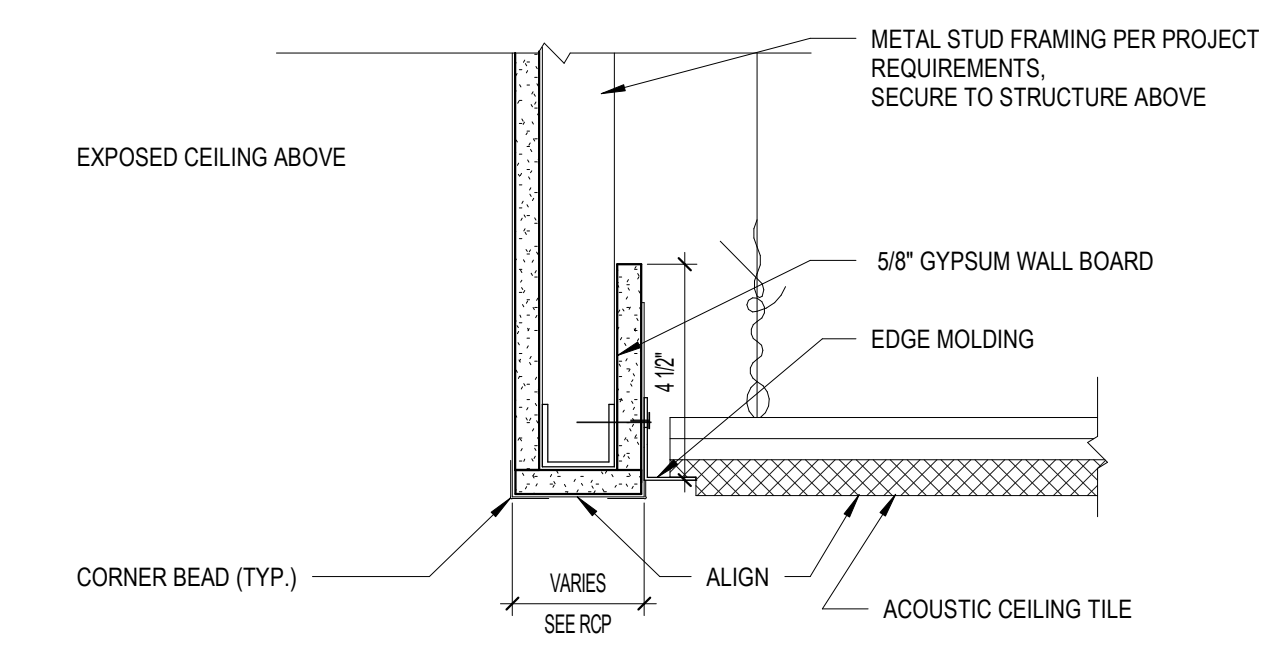
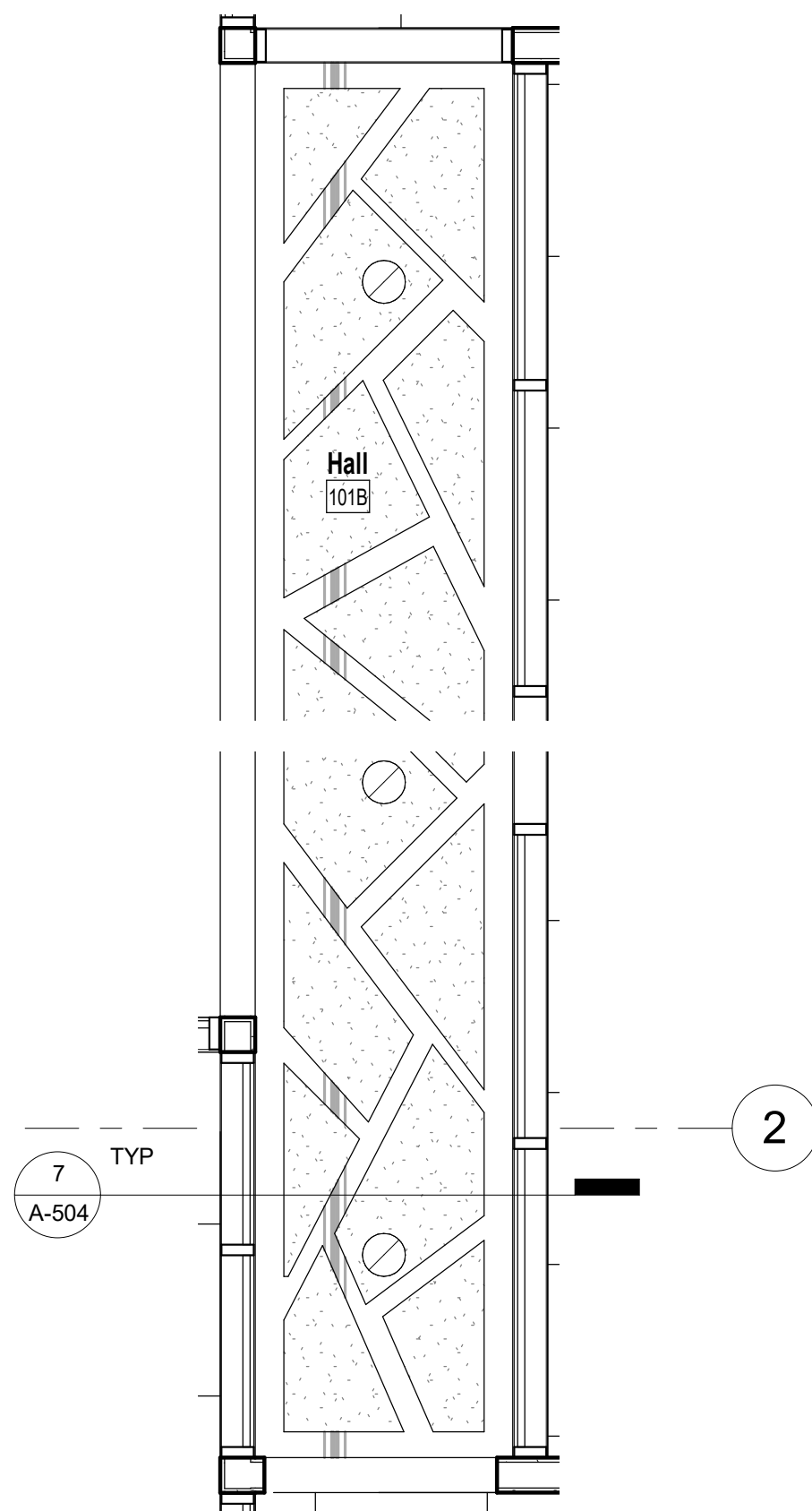
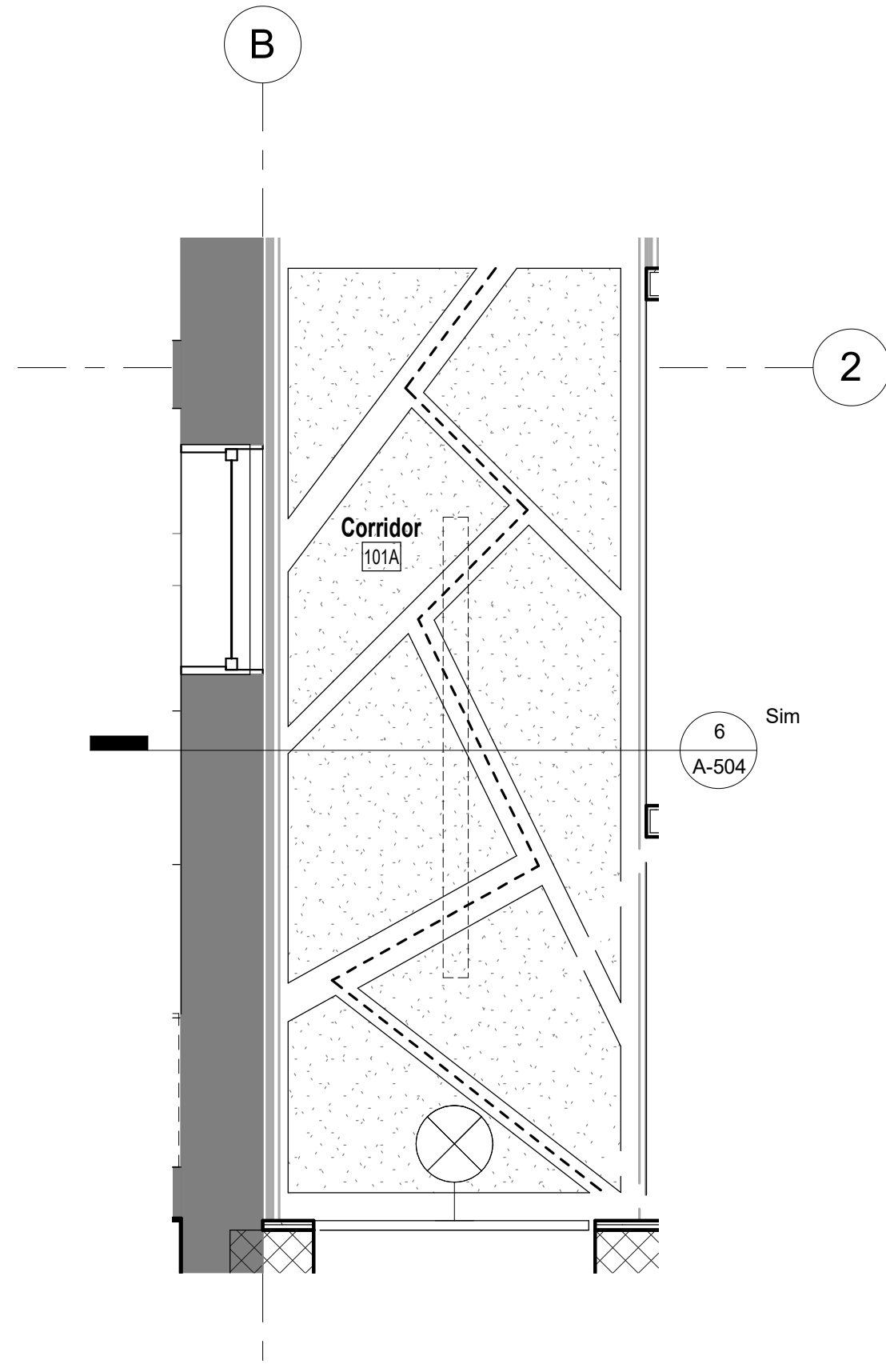
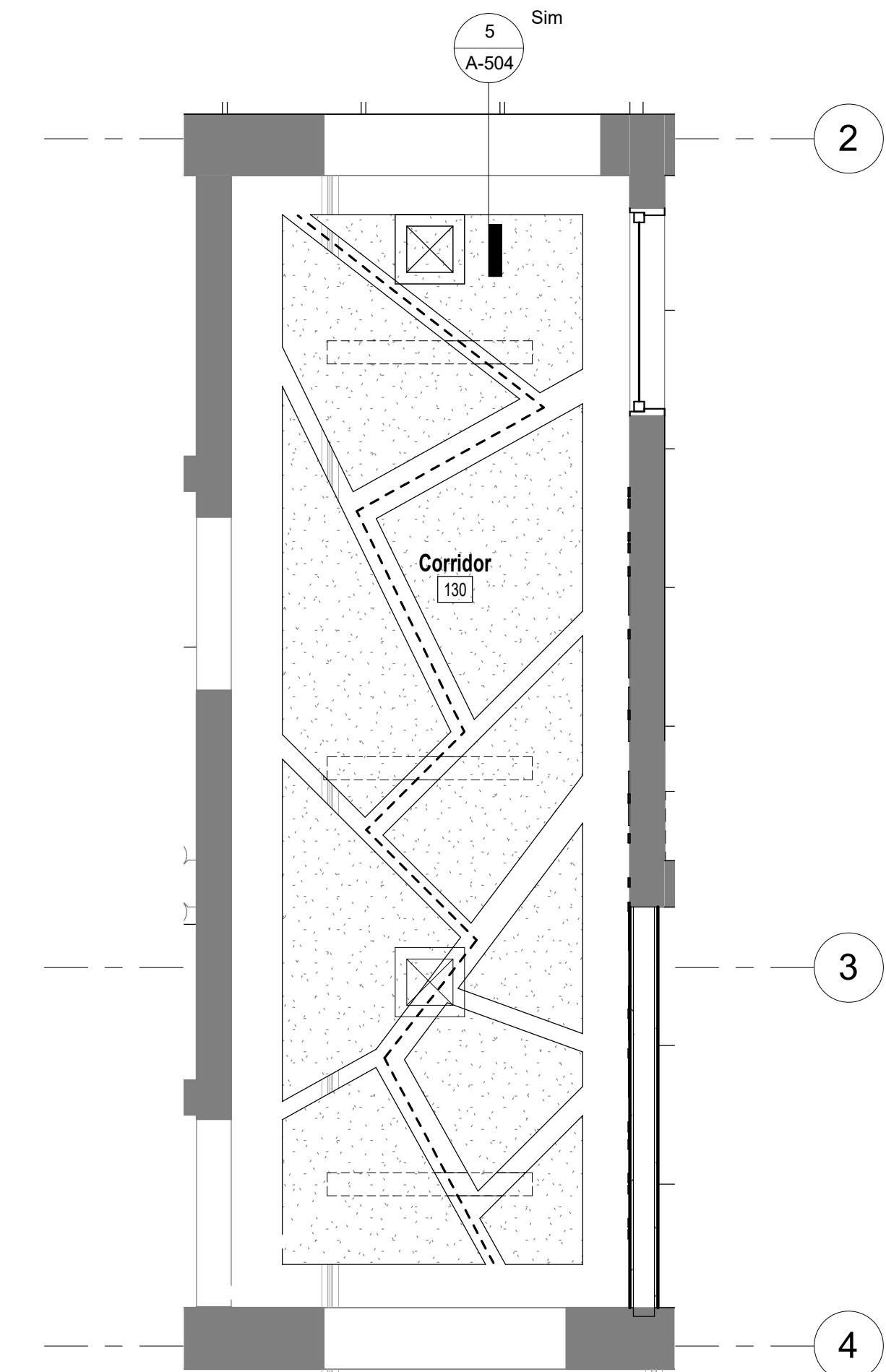


Author 202005.01
Drawn By Project No.
Approver 06/04/2021
Approved By Date



A-504

Drawing No.

SECTION DETAIL @ CORRIDOR
SUSPENDED CLOUD CEILING
3" = 1'-0"SECTION DETAIL @ SUSPENDED
CLOUD CEILING & GYP SOFFIT
3" = 1'-0"SECTION DETAIL @ CLOUD CEILING - EXECUTIVE SESSION
1 1/2" = 1'-0"SECTION DETAIL @ EXISTING BULKHEAD SOFFIT, OFFSET ACT
CEILING & SUSPENDED CLOUD CEILING
3" = 1'-0"SECTION DETAIL @ BULKHEAD SOFFIT
3" = 1'-0"ENLARGED - REFLECTED CEILING PLAN - HALL 101B
1/2" = 1'-0"ENLARGED - REFLECTED CEILING PLAN - CORRIDOR 101A
1/2" = 1'-0"ENLARGED - REFLECTED CEILING PLAN - CORRIDOR
1/2" = 1'-0"

PROJECT NUMBER: 20013.00 PROJECT NAME: E.P.H.A. OFFICE RENOVATION
SHEET NUMBER: S001 - GENERAL NOTES
C:\Users\mkigudel\Documents\RT19_East Point Housing Authority Office Renovation (Struct)_Sykes-4.rvt
6/4/2021 1:46:27 PM

GENERAL STRUCTURAL NOTES

- GN-1 DUTIES AND RESPONSIBILITIES
NO PROVISION OF ANY REFERENCED STANDARD, SPECIFICATION, MANUAL OR CODE (WHETHER OR NOT SPECIFICALLY INCORPORATED BY REFERENCE IN THE CONTRACT DOCUMENTS) SHALL BE EFFECTIVE TO CHANGE THE DUTIES AND RESPONSIBILITIES OF THE OWNER, CONTRACTOR, ENGINEER, SUPPLIER, OR ANY OF THEIR CONSULTANTS, AGENTS, OR EMPLOYEES FROM THOSE SET FORTH IN THE CONTRACT DOCUMENTS. NOR SHALL IT BE EFFECTIVE TO ASSIGN TO THE STRUCTURAL ENGINEER OF RECORD OR ANY OF THEIR CONSULTANTS, AGENTS, OR EMPLOYEES ANY DUTY OR AUTHORITY TO SUPERVISE OR DIRECT THE FURNISHING OR PERFORMANCE OF THE WORK OR ANY DUTY OR AUTHORITY TO UNDERTAKE RESPONSIBILITIES CONTRARY TO THE PROVISIONS OF THE CONTRACT DOCUMENTS.
- GN-2 CODE AND STANDARDS REFERENCES
REFERENCE TO STANDARD SPECIFICATIONS OF ANY TECHNICAL SOCIETY, ORGANIZATION, OR ASSOCIATION, OR TO CODES OF LOCAL OR STATE AUTHORITIES, SHALL MEAN THE LATEST STANDARD, CODE, SPECIFICATION OR TENTATIVE SPECIFICATION ADOPTED AT THE DATE OF TAKING BIDS, UNLESS SPECIFICALLY STATED OTHERWISE.
- GN-3 CONTRACT DOCUMENT CONFLICTS
1. CONTRACT DOCUMENTS SHALL GOVERN IN THE EVENT OF A CONFLICT WITH THE CODE OF PRACTICE OR SPECIFICATION OF ACI, PCI, AISC, SJI OR OTHER STANDARDS. WHERE A CONFLICT OCCURS WITHIN THE CONTRACT DOCUMENTS, THE STRICTEST REQUIREMENTS SHALL GOVERN.
2. IN THE EVENT OF CONFLICTS AMONG THE VARIOUS PARTS OF THE STRUCTURAL CONTRACT DOCUMENTS, STRUCTURAL DRAWINGS, GENERAL NOTES, AND SPECIFICATIONS, THE STRICTEST REQUIREMENTS SHALL GOVERN.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE STRUCTURAL WORK WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, LANDSCAPE AND CIVIL DRAWINGS, AS WELL AS ANY OTHER APPLICABLE TRADES. THE CONTRACTOR SHALL MAKE ALLOWANCES IN THEIR BID FOR THE MORE SEVERE REQUIREMENTS. CONFLICTS BETWEEN THE STRUCTURAL WORK AND THE DRAWINGS OF OTHER TRADES SHALL NOT BE REASON FOR ANY EXTRA COST OR DELAY IN EXECUTION OF WORK.
- GN-4 CONTRACT DOCUMENT CONTENT
CONTRACT DOCUMENTS INCLUDE, BUT ARE NOT LIMITED TO, THE STRUCTURAL DOCUMENTS (DRAWINGS AND SPECIFICATIONS), BUT DO NOT INCLUDE SHOP DRAWINGS, VENDOR DRAWINGS, OR MATERIAL PREPARED AND SUBMITTED BY THE CONTRACTOR. THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE DRAWINGS OF ALL OTHER DISCIPLINES AND THE SPECIFICATIONS.
- GN-5 CONTRACTOR COORDINATION
1. CONTRACTOR SHALL COORDINATE THE STRUCTURAL DOCUMENTS WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, LANDSCAPE AND CIVIL DOCUMENTS. ARCHITECT / STRUCTURAL ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY OR OMISSION. COORDINATION SHALL INCLUDE, BUT IS NOT LIMITED TO, EDGE OF SLAB DIMENSIONS, OPENING LOCATIONS AND DIMENSIONS, DEPRESSIONED SLAB LOCATIONS AND EXTENTS, SLAB SLOPES, CURB LOCATIONS, CMU WALL LOCATIONS, EXISTING DIMENSIONS, AND ELEVATIONS. FOR DIMENSIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS, SEE ARCHITECTURAL DRAWINGS.
2. CONTRACTOR SHALL VERIFY THE REQUIREMENTS OF OTHER TRADES AS TO SLEEVES, CHASES, HANGERS, INSERTS, ANCHORS, HOLES AND OTHER ITEMS TO BE PLACED OR SET IN THE STRUCTURAL WORK.
3. CONTRACTOR SHALL VERIFY THE STRUCTURALLY SUPPORTED MECHANICAL EQUIPMENT WEIGHTS, OPENING SIZES AND LOCATIONS IDENTIFIED ON THE STRUCTURAL DRAWINGS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. IF WEIGHT OF EQUIPMENT PURCHASED EXCEEDS THAT SHOWN ON THE STRUCTURAL DRAWINGS OR THE FOOTPRINT / LOCATION OF EQUIPMENT IS DIFFERENT THAN SHOWN ON THE STRUCTURAL DRAWINGS, NOTIFY STRUCTURAL ENGINEER FOR POSSIBLE REDESIGN.
4. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND RELOCATING (WHEN THERE IS A CONFLICT) ALL UTILITIES IN THE AREA OF CONSTRUCTION THAT MIGHT BE AFFECTED BY OR OTHERWISE INTERFERE WITH INSTALLATION OF NEW WORK.
5. THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR THE DESIGN OF STEEL STAIRS, HANDRAILS, CURTAINWALL / WINDOW WALL SYSTEMS, COLD-FORM METAL FRAMING, OR OTHER SYSTEMS NOT SHOWN IN THE STRUCTURAL DOCUMENTS. SUCH ITEMS SHALL BE DESIGNED, FURNISHED, AND INSTALLED AS REQUIRED BY OTHERS.
- GN-6 MEANS AND METHODS
THE CONTRACTOR HAS SOLE RESPONSIBILITY FOR MEANS, METHODS, TECHNIQUES, AND SEQUENCES AS WELL AS COMPLIANCE WITH ALL OSHA SAFETY PRECAUTIONS AND REGULATIONS, AND PROCEDURES OF CONSTRUCTION DURING THE WORK. THE ENGINEER WILL NOT ADVISE ON NOR ISSUE DIRECTION AS TO PROCEDURES TO PERFORM THE WORK. THE SUPERVISION OF THE WORK IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- GN-7 MATERIALS
ALL MATERIALS, WORKMANSHIP, AND DESIGN SHALL CONFORM TO THE REFERENCED BUILDING CODE AND SPECIFICATIONS.
- GN-8 TEMPORARY GUYING AND BRACING
THE STRUCTURAL DRAWINGS HEREIN REPRESENT THE FINISHED STRUCTURE. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY GUYING AND BRACING REQUIRED TO ERECT AND HOLD THE STRUCTURE IN PROPER ALIGNMENT UNTIL ALL STRUCTURAL WORK AND CONNECTIONS HAVE BEEN COMPLETED. THE INVESTIGATION, DESIGN, SAFETY, ADEQUACY AND INSPECTION OF ERECTION BRACING, SHORING, SUPPORTS, ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- GN-9 CONSTRUCTION LOADS
LOADING APPLIED TO THE STRUCTURE DURING THE PROCESS OF CONSTRUCTION SHALL NOT EXCEED THE SAFE LOAD-CARRYING CAPACITY OF THE STRUCTURAL MEMBERS. THE LIVE LOADINGS USED IN THE DESIGN OF THIS STRUCTURE ARE INDICATED IN THE "DESIGN CRITERIA" NOTES. DO NOT APPLY ANY CONSTRUCTION LOADS UNTIL STRUCTURAL FRAMING IS PROPERLY CONNECTED TOGETHER AND ALL TEMPORARY BRACING IS IN PLACE.
- GN-10 TYPICAL DETAILS
DRAWINGS IN THE TYPICAL DETAILS OF CONSTRUCTION, THESE DETAILS SHALL APPLY TO ALL SITUATIONS OCCURRING ON THE PROJECT THAT ARE SIMILAR TO THOSE SPECIFICALLY DETAILED. THE APPLICABILITY OF THE DETAIL TO ITS LOCATION ON THE PLANS CAN BE DETERMINED BY THE TITLE OF THE DETAIL. SUCH DETAILS APPLY WHETHER OR NOT THEY ARE KEYS IN AT EACH LOCATION. WHERE CONDITIONS ARE NOT SPECIFICALLY SHOWN, SIMILAR DETAILS OF CONSTRUCTION MAY BE USED, SUBJECT TO APPROVAL BY THE ENGINEER. DECISIONS REGARDING THE APPLICABILITY OF TYPICAL DETAILS SHALL BE DETERMINED BY THE ENGINEER. CONTRACTOR SHALL CONSIDER ALL OF THE CONTRACT DOCUMENTS IN DETERMINING SIMILAR AND LIKE CONDITIONS.
- GN-11 STRUCTURAL SYSTEMS ERECTION
ALL STRUCTURAL SYSTEMS WHICH ARE TO BE COMPOSED OF COMPONENTS TO BE FIELD ERECTED SHALL BE SUPERVISED BY THE SUPPLIER DURING MANUFACTURING, DELIVERY, HANDLING, STORAGE AND ERECTION IN ACCORDANCE WITH THE SUPPLIER'S INSTRUCTIONS AND REQUIREMENTS.
- GN-12 SPECIAL INSPECTIONS
THE CONTRACTOR SHALL NOTIFY THE SPECIAL INSPECTOR AT LEAST 72 HOURS IN ADVANCE FOR WORK THAT WILL REQUIRE INSPECTION OR TESTING.
- GN-13 CONTRACTOR SITE VISITS
CONTRACTORS SHALL VISIT THE SITE PRIOR TO BID TO ASCERTAIN CONDITIONS WHICH MAY ADVERSELY AFFECT THE WORK OR COST THEREOF.

STEEL JOISTS

- SJ-1 SPECIFICATION
STEEL JOIST CONSTRUCTION SHALL CONFORM TO STEEL JOIST INSTITUTE LOAD TABLES, "STANDARD SPECIFICATIONS" AND "CODE OF STANDARD PRACTICE", LATEST EDITIONS.
- SJ-2 DESIGN
1. STEEL ROOF JOISTS SHALL BE DESIGNED AND FABRICATED TO RESIST A NET WIND UPLIFT OF 15 PSF (25 PSF AT OVERHANGS) OR DESIGNED FOR THE UPLIFT FORCES SHOWN ON THE WIND LOAD DIAGRAM.
2. BRIDGING SHALL BE DESIGNED TO FULLY BRACE TOP CHORD OF JOISTS UNDER SERVICE LOADS FOR ROOF JOISTS NOT BRACED BY STEEL ROOF DECK.
- SJ-3 FABRICATION AND ERECTION
1. CONTRACTOR SHALL COORDINATE THE CONSTRUCTION AND ERECTION OF WALLS, BEAMS, FRAMING, METAL DECK, ETC. TO ENSURE COMPATIBILITY OF ROOF AND WALL SYSTEMS CONSIDERING PITCH AND CAMBER OF STEEL JOISTS/JOIST GIRDERS.
2. SHOP COAT THE JOISTS WITH A STANDARD PRIMER PAINT COMPATIBLE WITH FINISH COAT WHERE APPLICABLE.
3. DAMAGED JOISTS DURING THE FABRICATION AND ERECTION PROCESS SHALL BE TOUCHED UP WITH THE SAME PAINT USED FOR THE SHOP COAT.
- SJ-4 SHOP DRAWINGS
SHOP DRAWINGS SHALL BE SUBMITTED BEARING THE SIGNED AND DATED SEAL OF A LICENSED ENGINEER IN GEORGIA DETAILING THE JOISTS FOR ERECTION AND INCLUDING BRIDGING, CONNECTIONS, AND CALCULATIONS.
- SJ-5 JOIST BEARING
PROVIDE STANDARD DEPTH OF BEARING FOR ALL JOISTS AS SHOWN BELOW UNLESS NOTED OTHERWISE ON THE DRAWINGS.
A. ALL K SERIES - 2 1/2"

DESIGN CRITERIA

- DC-1 GENERAL BUILDING CODES
THE CONTRACT DOCUMENTS ARE BASED ON THE REQUIREMENTS OF THE FOLLOWING DESIGN CODE AND STANDARDS AND / OR CRITERIA:
GENERAL
2018 INTERNATIONAL BUILDING CODE
AND ADOPTED **GEORGIA** STATE AMENDMENTS
CONCRETE ACI 318-14
MASONRY TMS 402-16
STRUCTURAL STEEL AISC 360 - LRFD (15TH EDITION)
- DC-2 LIVE LOADS
GRAVITY LIVE LOADS USED IN THE DESIGN OF THIS STRUCTURE ARE AS FOLLOWS:
CATEGORY UNIFORM LOAD (PSF) CONCENTRATED LOAD (LB)
ROOF - TYPICAL 20 300
CORRIDORS 100 --
MECHANICAL ROOM 150 N/A
REST ROOMS 60 N/A
OFFICES 50 2000
- DC-3 SNOW LOAD CRITERIA
P_s GROUND SNOW LOAD 5 PSF
- DC-4 LATERAL FORCE RESISTING SYSTEM
1. THE ABILITY OF THE STRUCTURAL FRAME TO RESIST LATERAL LOADS AND PROVIDE STABILITY UNDER GRAVITY LOADS DERIVES FROM THE COMPLETE INSTALLATION OF THE LATERAL FORCE RESISTING SYSTEM(S) AND DIAPHRAGMS DESCRIBED BELOW. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL TEMPORARY BRACING REQUIRED TO MAINTAIN THE STABILITY AND SAFETY OF ALL ELEMENTS DURING THE CONSTRUCTION PROCESS UNTIL ALL OF THE LATERAL LOAD RESISTING ELEMENTS ARE COMPLETELY INSTALLED AND ALL DESIGNATED CONCRETE ELEMENTS (IF ANY) HAVE REACHED A MINIMUM OF 75% OF THEIR DESIGN STRENGTH.
a. THE LATERAL FORCE RESISTING SYSTEM(S) AND DIAPHRAGM(S) USED FOR THIS STRUCTURE ARE: **ORDINARY REINFORCED MASONRY SHEAR WALLS WITH METAL ROOF DECK DIAPHRAGM.**
2. WIND LOADS
WIND PRESSURES ARE BASED ON THE AMERICAN SOCIETY OF CIVIL ENGINEERS, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7-16. DESIGN WIND LOADS USED IN THE DESIGN OF THIS STRUCTURE ARE AS FOLLOWS:
• WIND SPEED, V 115 MPH
• WIND SPEED, V_{ref} 90 MPH
• EXPOSURE CATEGORY B
• INTERNAL PRESSURE COEFFICIENT 0.18
• RISK CATEGORY II
• SEE SHEET SXXX FOR COMPONENTS AND CLADDING PRESSURES
3. SEISMIC DESIGN CRITERIA
DESIGN SEISMIC CRITERIA USED IN THE DESIGN OF THIS STRUCTURE ARE AS FOLLOWS:
• RISK CATEGORY I
• I_m SEISMIC IMPORTANCE FACTOR 1.0
• S_s 0.2 SEC. SPECTRAL ACCELERATION (%) 0.177
• S₁ 1 SEC. SPECTRAL ACCELERATION (%) 0.084
• SITE CLASS D
• F_a SITE COEFFICIENT, SHORT PERIOD 1.6
• F_v SITE COEFFICIENT, 1 SECOND PERIOD 2.4
• S_{DS} SPECTRAL RESPONSE ACCELERATION 0.188
• PARAMETER (SHORT PERIOD)
• S_{DS} SPECTRAL RESPONSE ACCELERATION 0.134
• PARAMETER (1 SECOND PERIOD)
• SEISMIC DESIGN CATEGORY C
• BASIC SEISMIC FORCE RESISTING SYSTEM: BUILDING FRAME SYSTEM, ORDINARY REINFORCED MASONRY SHEARWALLS
• R_s RESPONSE MODIFICATION FACTOR 2.0
• SYSTEM OVERSTRENGTH FACTOR 2.5
• C_d DEFLECTION AMPLIFICATION FACTOR 1.75

CAST-IN-PLACE CONCRETE

- CC-1 CONCRETE SPECIFICATION
1. ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 301, "SPECIFICATION FOR STRUCTURAL CONCRETE BUILDINGS". HOT WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 308. COLD WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 308.
2. ALL CONCRETE TO BE PERMANENTLY EXPOSED TO WEATHER SHALL BE AIR ENTRAINED TO 5% (+/-1%) WITH AN ADMIXTURE THAT CONFORMS TO ASTM C260.
3. ALL CONCRETE SHALL BE PROPORTIONED FOR A MAXIMUM ALLOWABLE UNIT SHRINKAGE OF 0.05% MEASURED AT 28 DAYS AFTER CURING IN LIME WATER AS DETERMINED BY ASTM C157 (USING AIR STORAGE).
4. ALL CONCRETE SHALL CONFORM TO THE REQUIREMENTS AS SPECIFIED IN THE TABLE BELOW U.N.O. ON THE DRAWINGS:
- | USAGE | 28 DAY COMP STRENGTH, PSI | CONC. TYPE | MAX. AGG. IN | EXPOSURE CLASS | REMARKS |
|--------------------------|---------------------------|------------|--------------|----------------|---------|
| A. SPREAD (DUG) FOOTINGS | 4500 | NWT | II | F1, S0, W1, C1 | |
| B. PILECAPS | 4500 | NWT | I | F1, S0, W1, C1 | |
| C. PIERS AND PILASTERS | 4500 | NWT | I | F1, S0, W1, C1 | |
| D. FOUNDATION WALLS | 4500 | NWT | I | F1, S0, W1, C1 | |
| E. SLAB-ON-GRADE | 4000 | NWT | I | F1, S0, W1, C1 | |
- CC-2 SLAB ON GRADE
1. UNLESS NOTED OTHERWISE, SLAB ON GRADE SHALL BE REINFORCED WITH WELDED WIRE REINFORCEMENT IN FLAT SHEETS (ROLLS NOT PERMITTED). WELDED WIRE REINFORCEMENT SHALL BE PLACED 1" BELOW THE TOP OF THE SLAB (OR WITHIN THE TOP 1/3). LAP WELDED WIRE REINFORCEMENT A MINIMUM OF 2 SQUARES AT STAGGERED SPICES.
2. SLAB ON GRADE SHALL BE UNDERLAIN BY A MINIMUM OF 4" OF POROUS MATERIAL. PRIOR TO PLACING THE POROUS MATERIAL, THE SUBGRADE SHALL BE PROPERLY COMPACTED. PROOFROLLED, FREE OF STANDING WATER, MUD AND FROZEN SOIL. BEFORE PLACEMENT OF THE CONCRETE, A POLYETHYLENE VAPOR RETARDER SHALL BE PLACED ON TOP OF THE POROUS MATERIAL. SEE ARCHITECTURAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.
A. ALL POROUS FILL MATERIAL SHALL BE A CLEAN GRANULAR MATERIAL WITH 100% PASSING A 1/12" SIEVE (MAX. AGGREGATE SIZE OF 1") AND NO MORE THAN 5% PASSING A NO. 4 SIEVE. POROUS FILL SHALL BE COMPACTED TO AT LEAST 95% MAX DRY DENSITY PER ASTM D998.
3. PLACE CONTRACTION JOINTS AT COLUMN LINES AND INTERMEDIATE LOCATIONS AS REQUIRED IN BOTH DIRECTIONS SUCH THAT THE AREA OF EACH PANEL DOES NOT EXCEED 400 SQUARE FEET. CONTRACTION JOINTS SHALL NOT BE SPACED FURTHER THAN 18'-0" OR WITH A LENGTH TO WIDTH RATIO GREATER THAN 1:1.5. LOCATE CONTRACTION JOINTS AT CONTRACTION JOINTS. HORIZONTAL CONTRACTION JOINTS ARE NOT PERMITTED EXCEPT THOSE SHOWN ON THE STRUCTURAL DRAWINGS. THE ARCHITECT / ENGINEER SHALL APPROVE ALL DEVIATIONS OR ADDITIONAL JOINTS IN WRITING.
4. SLAB JOINTS SHALL BE FILLED WITH APPROVED MATERIAL. THIS SHOULD TAKE PLACE AS LATE AS POSSIBLE, PREFERABLY 4 TO 5 WEEKS AFTER THE SLAB HAS BEEN CAST. PRIOR TO FILLING, REMOVE ALL DEBRIS FROM THE SLAB JOINTS. FILLING OF JOINTS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
5. WHERE THE SLAB IS TO RECEIVE SENSITIVE ARCHITECTURAL FLOOR FINISHES, SUCH AS CERAMIC TILE, ALL JOINTS IN SLAB CONSTRUCTION SHALL BE PLACED TO ALIGN WITH THE JOINTS IN THE FINISHED MATERIAL.
6. THE CONTRACTOR IS CAUTIONED AGAINST LOADING THE SLAB ON GRADE WITH CRANE LOADS. THE SLAB HAS NOT BEEN DESIGNED FOR CRANE LOADS AND WILL REQUIRE AN INCREASE IN SLAB THICKNESS AND / OR REINFORCEMENT. THE CONTRACTOR IS REQUIRED TO SUBMIT CALCULATIONS SIGNED AND SEALED BY A REGISTERED STRUCTURAL ENGINEER IN **GEORGIA** VERIFYING THE ADEQUACY OF THE SLAB.
7. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DEPRESSIONED SLAB AREAS AND DRAINS. SLOPE SLAB TO DRAINS WHERE SHOWN.
- CC-3 FORMWORK
FORMWORK SHALL REMAIN IN PLACE UNTIL CONCRETE HAS OBTAINED AT LEAST 90% OF ITS 28 DAY STRENGTH. THE CONTRACTOR SHALL PROVIDE ALL SHORING AND RESHORING.

FOUNDATION NOTES

- FD-1 GEOTECHNICAL REPORT
FOUNDATION DESIGN IS BASED ON RECOMMENDATIONS IN THE GEOTECHNICAL REPORT PREPARED BY GEOWERKS ENGINEERING DATED 09-23-2020 (REPORT NUMBER **20-075**) WHICH IS AVAILABLE TO THE GENERAL CONTRACTOR UPON REQUEST TO THE OWNER. THE DESIGN PROFESSIONAL IS NOT RESPONSIBLE FOR SUBSURFACE CONDITIONS ENCOUNTERED IN THE FIELD DIFFERENT FROM THOSE ASSUMED FOR DESIGN NOR THE ACCURACY OR APPLICABILITY OF SUCH DATA. DATA REGARDING SUBSURFACE MATERIALS OR CONDITIONS WHICH ARE BASED UPON SOUNDINGS, TEST PITTS, TEST BORINGS, OR OTHER MEANS, HAVE BEEN OBTAINED BY THE DESIGN PROFESSIONAL FOR USE IN DESIGNING THE STRUCTURE. THE ACCURACY OR COMPLETENESS OF THE DATA IS NOT GUARANTEED; AND THEREFORE, THE CONSTRUCTION PROFESSIONAL SHALL NOT RELY ON THIS INFORMATION WITHOUT INDEPENDENT VERIFICATION. THE CONSTRUCTION PROFESSIONAL WILL NOT BE RESPONSIBLE IN ANY WAY FOR ADDITIONAL COMPENSATION EXCEPT AS PROVIDED IN THE GENERAL REQUIREMENTS SECTION - CHANGES DUE TO SUBSURFACE OR OTHER UNFORESEEN CONDITIONS.
- FD-2 FOUNDATION COORDINATION
PRIOR TO COMMENCING ANY FOUNDATION WORK, COORDINATE WORK WITH ANY EXISTING UTILITIES. ARCHITECT / STRUCTURAL ENGINEER SHALL BE NOTIFIED AND APPROVAL OBTAINED BEFORE FOOTINGS ARE TO BE LOWERED WHERE REQUIRED TO AVOID UTILITIES.
- FD-3 FOUNDATION CONDITION DISCREPANCIES
FOUNDATION CONDITIONS NOTED DURING CONSTRUCTION WHICH DIFFER FROM THOSE DESCRIBED IN THE GEOTECHNICAL REPORT SHALL BE REPORTED TO THE ARCHITECT, STRUCTURAL ENGINEER, AND GEOTECHNICAL ENGINEER BEFORE FURTHER CONSTRUCTION IS ATTEMPTED. STRUCTURAL ENGINEER SHALL NOT BE RESPONSIBLE FOR DIFFERENTIAL SETTLEMENT, SLAB CRACKING, OR OTHER FUTURE DEFECTS RESULTING FROM UNREPORTED CONDITIONS.
- FD-4 SUBGRADE PREPARATION
1. THE CONTRACTOR SHALL PERFORM EXCAVATIONS, FOOTING CONSTRUCTION, AND PREPARATION OF THE SUBGRADE UNDER THE SLAB ON GRADE IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL REPORT AND THE PROJECT SPECIFICATIONS.
2. THE CONTRACTOR SHALL DETERMINE THE EXTENT OF CONSTRUCTION DEWATERING REQUIRED FOR THE EXCAVATION. THE CONTRACTOR SHALL SUBMIT TO THE GEOTECHNICAL ENGINEER FOR REVIEW THE PROPOSED PLAN FOR CONSTRUCTION DEWATERING, PRIOR TO BEGINNING THE EXCAVATION.
3. THE CONTRACTOR SHALL REFERENCE SPECIFICATIONS, GEOTECHNICAL REPORT, AND CONSULT GEOTECHNICAL ENGINEER FOR STRUCTURAL FILL COMPACTION AND TESTING REQUIREMENTS.
4. ALL FOUNDATION EXCAVATIONS SHALL BE EVALUATED AND CERTIFIED FOR THE ADEQUACY OF THE BEARING MEDIUM BY A STRUCTURAL TESTING / INSPECTION AGENCY PRIOR TO PLACING FOUNDATION CONCRETE.
5. EXCAVATE A MINIMUM OF 4" OF EXISTING SOIL FIVE FEET (MINIMUM) BEYOND THE BUILDING LIMITS. REMOVE ALL ORGANICS, PAVEMENT, ROOTS, DEBRIS AND OTHERWISE UNSUITABLE MATERIAL.
6. NO UNBALANCED BACKFILLING SHALL BE DONE AGAINST FOUNDATION WALLS UNLESS WALLS ARE SECURELY BRACED AGAINST OVERTURNING, EITHER BY TEMPORARY BRACING OR BY PERMANENT CONSTRUCTION.
7. ALL RETAINING WALLS SHALL HAVE AT LEAST 12" OF FREE-DRAINING GRANULAR BACKFILL, FULL HEIGHT OF WALL. PROVIDE CONTRACTION JOINTS AT APPROXIMATELY EQUAL INTERVALS NOT TO EXCEED 25 FEET NOR 3 TIMES THE WALL HEIGHT. PROVIDE EXPANSION JOINTS AT EVERY FOURTH CONTRACTION JOINT, UNLESS OTHERWISE INDICATED.
- FD-5 CONCRETE FOOTINGS
1. TOP OF FOOTING ELEVATION SHALL BE AS SHOWN ON THE FOUNDATION PLAN. THESE ELEVATIONS ARE A MAXIMUM AND SHALL BE LOWERED AS REQUIRED TO OBTAIN THE REQUIRED DESIGN BEARING PRESSURE.
2. ALL CONTINUOUS FOOTINGS SHALL BEAR ON MATERIAL CAPABLE OF SUPPORTING A DESIGN BEARING NET PRESSURE OF 3000 PSF.
3. THE CENTERLINES OF COLUMN FOUNDATIONS SHALL BE LOCATED ON COLUMN CENTERLINES U.N.O.
4. DO NOT EMBED PIPING WITHIN OR PASS PIPING VERTICALLY OR HORIZONTALLY THROUGH ISOLATED OR CONTINUOUS FOOTINGS.
5. DO NOT SCALE FOUNDATIONS ON PLAN. CONTACT DESIGN PROFESSIONAL WITH ANY QUESTIONS CONCERNING FOUNDATION SIZES AND / OR REINFORCEMENT PRIOR TO PRICING OF DOCUMENTS.
- FD-6 HELICAL PIERS
1. ALL NEW FOUNDATIONS SHALL BE SUPPORTED ON HELICAL PIERS.
2. HELICAL PIERS SHALL BE DESIGNED BY A SPECIALTY ENGINEER TO BE CAPABLE OF SUPPORTING THE FOLLOWING LOAD CAPACITIES:
A. AXIAL CAPACITY = 30-KIPS.
B. TENSILE CAPACITY = 5-KIPS.
3. CAPACITY OF HELICAL PIERS TO BE VERIFIED BY IN-FIELD TESTING.
4. DO NOT SCALE FOUNDATIONS ON PLAN. CONTACT DESIGN PROFESSIONAL WITH ANY QUESTIONS CONCERNING FOUNDATION SIZES AND / OR REINFORCEMENT PRIOR TO PRICING OF DOCUMENTS.

REINFORCING STEEL

- RS-1 REINFORCING STEEL SPECIFICATION
1. METHODS OF ESTIMATING, DETAILING, FABRICATING, PLACING AND CONTRACTING FOR REINFORCING MATERIALS SHALL FOLLOW THE MANUAL OF STANDARD PRACTICE AS PUBLISHED BY THE CONCRETE REINFORCING STEEL INSTITUTE.
2. DETAILING OF BAR SUPPORTS, INCLUDING HOOKS AND BENDS, FOR REINFORCING STEEL SHALL BE IN ACCORDANCE WITH THE ACI STANDARD DETAILS AND DETAILING OF CONCRETE REINFORCEMENT AS REPORTED BY ACI COMMITTEE 315.
3. ALL REINFORCING STEEL SHALL BE ASTM A615 GRADE 60 U.N.O.
4. WELDED WIRE REINFORCEMENT (FLAT SHEETS ONLY) SHALL CONFORM TO ASTM A1064 AND HAVE A MINIMUM SIDE AND END LAPS OF 9".
5. DEFORMED BAR ANCHORS SHALL BE ASTM A1064 MINIMUM YIELD STRENGTH 70,000 PSI AS NOTED ON THE DRAWINGS. REINFORCING BARS SHALL NOT BE SUBSTITUTED FOR DEFORMED BAR ANCHORS.
- RS-2 CONCRETE REINFORCEMENT - GENERAL
1. CONCRETE REINFORCEMENT BARS SHALL NOT BE TACK WELDED, WELDED, HEATED OR CUT UNLESS INDICATED ON THE CONTRACT DOCUMENTS OR REVIEWED BY THE STRUCTURAL ENGINEER.
2. ALL REINFORCING STEEL SHALL BE SET AND TIED IN PLACE PRIOR TO POURING OF CONCRETE. EXCEPT VERTICAL DOWELS FOR MASONRY WALL REINFORCEMENT MAY BE "FLOATED" IN PLACE. DO NOT FIELD BEND BARS PARTIALLY EMBEDDED IN HARDENED CONCRETE UNLESS SPECIFICALLY INDICATED OR APPROVED BY THE ENGINEER.
- RS-3 HORIZONTAL REINFORCEMENT
HORIZONTAL FOOTING AND WALL REINFORCEMENT SHALL BE CONTINUOUS AND SHALL HAVE 90 DEGREE BENDS AND EXTENSIONS. OR CORNER BARS OF EQUIVALENT SIZE LAPPED 36 BAR DIAMETERS AT CORNERS AND INTERSECTIONS.
- RS-4 REINFORCEMENT STEEL COVERAGE
UNLESS OTHERWISE NOTED, THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT IN CONTACT WITH THE SURFACE:
1. CONCRETE SURFACES CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH - 3"
2. CONCRETE EXPOSED TO EARTH OR WEATHER:
A. #6 THROUGH #18 BARS - 2"
B. #5 BAR, W31 OR D31 WIRE & SMALLER - 1 1/2"
3. CONCRETE SURFACES NOT EXPOSED TO WEATHER OR IN CONTACT WITH THE GROUND:
A. #3 TO #11 BARS IN ELEVATED SLABS, WALLS, JOISTS - 3/4"
B. #3 TO #18 BARS IN BEAMS, COLUMNS - 1 1/2"
4. PROVIDE STANDARD BAR CHAIRS AND SPACERS AS REQUIRED TO MAINTAIN CONCRETE PROTECTION SPECIFIED.
- RS-5 REINFORCEMENT SPLICES
ALL REINFORCING DESIGNATED AS CONTINUOUS (CONT.) ON THE PLANS AND DETAILS SHALL BE LAPPED 36 BAR DIAMETERS AT SPLICES U.N.O. REINFORCEMENT BAR SPLICES IN GRADE BEAMS SHALL BE LOCATED AT THE CENTERLINE OF SUPPORTS FOR BOTTOM BARS AND AT MIDSPAN FOR TOP BARS. PROVIDE STANDARD ACI HOOKS FOR TOP AND BOTTOM BARS AT DISCONTINUOUS ENDS OF ALL GRADE BEAMS.
1. THE FOLLOWING NOTATIONS ARE USED ON THE DRAWINGS TO DENOTE REINFORCING STEEL EMBEDMENT LENGTHS AND SPLICE TYPES:
• CD - COMPRESSION DEVELOPMENT LENGTH, 22 BAR DIAMETERS
• TD - TENSION DEVELOPMENT LENGTH
• CS - COMPRESSION SPLICE, 30 BAR DIAMETER
• EB - END BEARING COMPRESSION SPLICE
• M - MECHANICAL ANCHORAGE SPLICE OR OTHER TENSION SPLICE TYPE DEVELOPING 125% FY IN TENSION
• A - CLASS A TENSION SPLICE
• B - CLASS B TENSION SPLICE
2. UNSCHEDULED BEAMS, GRADE BEAMS, AND SLABS SHALL HAVE CONTINUOUS TOP BARS LAPPED AT MIDSPAN BETWEEN SUPPORTS WITH A CLASS A TENSION SPLICE. BOTTOM BARS SHALL BE LAPPED AT THE SUPPORTS WITH A CLASS A TENSION SPLICE.
- RS-6 PLACEMENT OF WELDED WIRE REINFORCEMENT
WELDED WIRE REINFORCEMENT SHALL BE CONTINUOUS ACROSS THE CONCRETE SURFACE AND NOT INTERRUPTED BY BEAMS OR GIRDERS AND PROPERLY LAPPED ONE CROSS WIRE SPACING AT SPLICES. PRECAST CONCRETE BLOCKS USED FOR THE POSITIONING OF THE WELDED WIRE REINFORCEMENT SHALL HAVE A COMPRESSIVE STRENGTH EQUAL TO THAT OF THE SLAB. THE USE OF POLYPROPYLENE FIBERS (IN LIEU OF WELDED WIRE FABRIC) IS PROHIBITED WITHOUT THE PRIOR WRITTEN AUTHORIZATION OF THE STRUCTURAL ENGINEER.
- RS-7 STEEL OVERLAGE ALLOWANCE
PROVIDE FOR AN ALLOWANCE OF 5% OF TOTAL REINFORCING STEEL FOR THE PROJECT TO BE DETAILED, FABRICATED, AND PLACED DURING PROGRESS OF WORK AS MAY BE DIRECTED BY THE STRUCTURAL ENGINEER IN ADDITION TO REINFORCING STEEL INDICATED ON THE DRAWINGS. CREDIT THE OWNER ANY UNUSED QUANTITY AT THE END OF THE PROJECT.

STRUCTURAL STEEL

- SS-1 STRUCTURAL STEEL SPECIFICATION
1. STEEL FABRICATORS SHALL BE AN AISC CERTIFIED SHOP AND MAINTAIN DETAILED QUALITY CONTROL. PROCEDURES AS REQUIRED TO SATISFY THE SPECIAL INSPECTION REQUIREMENTS.
2. ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED ACCORDING TO THE LOAD AND RESISTANCE FACTOR DESIGN (LRFD) FIFTEENTH EDITION OF THE "MANUAL OF STEEL CONSTRUCTION" OF THE AISC.
3. THE OWNER SHALL HIRE AN INDEPENDENT TESTING AGENCY TO PROVIDE SPECIAL INSPECTIONS OF BOLTING, WELDING AND OTHER ITEMS IN ACCORDANCE WITH SPECIFIED. CONTRACTOR TO CLEARLY MARK THE GRADE OF STEEL ON EACH PIECE WITH A DISTINGUISHING MARK VISIBLE FROM THE FLOOR LEVEL FOR THE PURPOSE OF FIELD INSPECTIONS.
4. ALL STRUCTURAL STEEL PERMANENTLY EXPOSED TO THE WEATHER, INCLUDING BRICK SHEL F ANGLES, SHALL BE HOT-DIPPED GALVANIZED UNLESS NOTED OTHERWISE.
5. ALL STRUCTURAL STEEL PERMANENTLY EXPOSED TO VIEW SHALL BE SHOP PAINTED.
6. ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE FOLLOWING ASTM SPECIFICATIONS U.N.O.:
DESCRIPTION ASTM GRADE
A. WIDE-FLANGE AND WT SHAPES A992 F_y = 50 KSI
B. S SHAPES AND M SHAPES A36 F_y = 36 KSI
C. HP SHAPES A572 F_y = 42 KSI
D. CHANNELS, ANGLES, AND PLATES A36 F_y = 36 KSI
E. PIPE COLUMNS A53 8 (FY = 35 KSI)
F. ROUND HOLLOW STRUCTURAL SECTIONS (HSS) A500 8 (FY = 42 KSI)
G. SQUARE OR RECTANGULAR HOLLOW SECTIONS (HSS) A500 8 (FY = 46 KSI)
- SS-2 STRUCTURAL DESIGN
1. COLUMNS, ANCHOR BOLTS, BASE PLATES, ETC. HAVE BEEN DESIGNED FOR THE FINAL COMPLETED CONDITION AND HAVE NOT BEEN INVESTIGATED FOR POTENTIAL LOADINGS ENCOUNTERED DURING STEEL ERECTION AND CONSTRUCTION. ANY INVESTIGATION OF THE COLUMNS, ANCHOR BOLTS, BASE PLATES, ETC. FOR ADEQUACY DURING THE STEEL ERECTION AND CONSTRUCTION PROCESS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- SS-3 CONNECTIONS
1. CONNECTIONS NOT COMPLETELY DETAILED ON THE DRAWINGS INCLUDING MATERIAL, GRADE AND SIZES, WELD SIZES, AND NUMBER OF BOLTS SHALL BE DESIGNED BY THE CONTRACTOR PER THE SPECIFICATIONS. THE DEPICTING ARRANGEMENT CONCEPT OF THE CONNECTION WITHOUT COMPLETE DETAILS SHALL BE DESIGNED WITH THAT ARRANGEMENT CONCEPT. THIS DESIGN SERVICE SHALL BE INCLUDED IN THE CONTRACTORS SCOPE OF SERVICES. SHOP DRAWINGS AND CALCULATIONS OF SUCH CONNECTIONS SHALL BE SUBMITTED BEARING THE SIGNED AND DATED SEAL OF A LICENSED PROFESSIONAL ENGINEER REGISTERED IN **GEORGIA**. SHOP DRAWING REVIEW BY THE STRUCTURAL ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF THE FULL RESPONSIBILITY FOR THE DESIGN AND ADEQUACY OF SUCH CONNECTIONS.
2. ALL CONNECTION MATERIAL, INCLUDING STIFFENERS, BEARING AND GUSSET PLATES, ANGLES, ETC. U.N.O. HEREIN OR ON THE DRAWINGS SHALL CONFORM TO ASTM A36 UNLESS A HIGHER GRADE OF STEEL IS REQUIRED BY STRENGTH AND PROVIDED THE RESULTING SIZES ARE COMPATIBLE WITH THE CONNECTED MEMBERS.
3. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
4. ALL CONNECTIONS SHALL BE SHEAR TYPE CONNECTIONS AND DESIGNED BY THE FABRICATOR IN ACCORDANCE WITH THE AISC SPECIFICATIONS FOR LOAD AND RESISTANCE FACTOR DESIGN FOR THE FACTORED REACTION FORCES INDICATED ON PLAN. MINIMUM REACTION FORCE TO BE 10 KIPS U.N.O.
5. SPECIAL OR COMPLEX CONNECTIONS THAT ARE TO BE DESIGNED BY THE FABRICATOR ARE DENOTED AS SUCH ON PLAN. THE FABRICATOR SHALL DESIGN THESE CONNECTIONS FOR THE FORCES SHOWN AND SUBMIT CALCULATIONS AND SHOP DRAWINGS BEARING THE SIGNED AND DATED SEAL OF A LICENSED PROFESSIONAL ENGINEER REGISTERED IN **GEORGIA**.
6. WHERE STEEL BEAMS BEAR ACROSS BRACING EXPANSION JOINTS PROVIDE A "SLIP" CONNECTION.
7. UNLESS NOTED OTHERWISE, MEMBER SPLICES (SHOWN OR REQUESTED BY THE DETAILER) SHALL BE DESIGNED FOR DESIGN CAPACITY OF THE MEMBER.
- SS-4 STRUCTURAL BOLTS, FASTENERS, ANCHOR RODS, AND HEADED STUDS
1. ALL BOLTS IN STRUCTURAL CONNECTIONS SHALL CONFORM TO ASTM F3125 (FORMERLY ASTM A325), HAVE A MINIMUM DIAMETER OF 3/4", AND BE A SHEAR BEARING TYPE BOLT "SNUG-TIGHT" U.N.O.
2. USE ASTM F3125 (FORMERLY ASTM A490) TYPE 1 BOLTS FOR BEARING TYPE CONNECTIONS WITH A BOLT DIAMETER GREATER THAN 1" ONLY.
3. THREADED RODS SHALL CONFORM TO ASTM A572-GRADE 50 FOR UP TO 2 INCHES IN DIAMETER, ASTM A572-GRADE 42 FOR DIAMETERS GREATER THAN 2 INCHES AND UP TO 6 INCHES. ASTM A588 FOR CORROSION RESISTANCE.
4. ALL PINS IN PIN CONNECTED MEMBERS SHALL CONFORM TO ASTM A36 AND ASTM A108 FOR PINS 4 INCHES IN DIAMETER AND SMALLER, AND ASTM A668-CLASS D (FY=37-500 PSI) FOR PINS GREATER THAN 4 INCHES IN DIAMETER.
5. ANCHOR RODS SHALL CONFORM TO ASTM F1554 GRADE 55 (WITH SUPPLEMENTARY REQUIREMENT S1) AND BE MINIMUM OF 3/4" INCHES IN DIAMETER AND EMBEDDED INTO THE CONCRETE FOUNDATION A MINIMUM DISTANCE OF 9" WITH A HEAVY HEX NUT AT THE EMBEDDED END. STRIKE BOLT THREADS AT THE EMBEDDED END AT TWO PLACES BELOW THE NUT.
6. HEADED STUDS SHALL HAVE A MINIMUM DIAMETER OF 3/4" AND A MINIMUM LENGTH OF 4-1/2" AND CONFORM TO AWS D1.1
7. REFER TO AISC TABLE J3.3 FOR HOLES SIZES.
- SS-5 WELDING
1. ALL WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1-15 STRUCTURAL WELDING CODE BY THE AMERICAN WELDING SOCIETY. USE 70XX (SMAW), F7XX-EXXX (SAW), E70TS-XX (GMAW), OR E7XX-X (FCW) ELECTRODES. WEATHERING STEEL ELECTRODES SHALL CONFORM TO TABLE 3.3 OF THE ANSII/AWS D1.1 MANUAL U.N.O.
2. ELECTRODES FOR GRADE 60 OR GRADE 65 MATERIAL SHALL CONFORM TO E80XX (SMAW), F8XX-XX (SAW), ER80S-5 (GMAW), OR EBXX-X (FCW).
3. ALL FILLER MATERIAL SHALL HAVE A MINIMUM YIELD STRENGTH OF 50 KSI.
4. WHERE "CONTINUOUS CHORD" ANGLES ARE INDICATED, PROVIDE A CONTINUOUS BUTT WELD OR FULL PENETRATION WELD AT THE SPLICE POINTS. THE STEEL FABRICATOR MAY SUBMIT AN ALTERNATE BOLTED CONNECTION DETAIL FOR APPROVAL.
5. FIELD WELDING SHALL BE SHOWN ON ERECTION DRAWINGS.
6. REINFORCING STEEL WELDING SHALL CONFORM TO AWS D1.4, "STRUCTURAL WELDING CODE - REINFORCING STEEL" BY THE AMERICAN WELDING SOCIETY FOR COMPLIANCE WITH ACI 318-14, SECTION 3.5.2.
7. REFER TO ARCHITECTURAL DOCUMENTS FOR EXPOSED STEEL AND JOINT LOCATIONS AND REQUIREMENTS. ALL EXPOSED WELDED CONNECTIONS SHALL BE GROUND SMOOTH AND SUBJECT TO ARCHITECT APPROVAL. FABRICATOR SHALL ALTER JOINT DETAILING AS REQUIRED TO ENSURE THAT EFFECTIVE THROAT SPECIFIED IN WELD DETAIL IS MAINTAINED AFTER GRINDING OF WELD SURFACE.
8. PROOF OF WELDER CERTIFICATION SHALL BE AVAILABLE AT THE JOB SITE FOR REVIEW BY THE INSPECTOR.
9. ALL TESTING SHALL BE PAID FOR BY THE OWNER. CONTRACTOR SHALL COORDINATE WITH OWNER TO ENSURE THAT COST OF TESTING IS ACCURATE AND PRESENTED TO OWNER WITH CONSTRUCTION COSTS).
10. MINIMUM FILLET WELD SIZE SHALL BE 3/16" UNLESS NOTED OTHERWISE.
- SS-6 GROUT
GROUT BELOW STRUCTURAL STEEL PLATES SHALL BE A NON-METALLIC, NON-SHRINK GROUT WITH A MINIMUM STRENGTH OF 8000 PSI WHEN BEARING ON 3000 PSI CONCRETE OR LESS, A STRENGTH OF 8000 PSI WHEN BEARING ON CONCRETE BETWEEN 3000 AND 4000 PSI AND A STRENGTH OF 10000 PSI WHEN BEARING ON CONCRETE GREATER THAN 4000 PSI. UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- SS-7 STEEL OVERLAGE ALLOWANCE
PROVIDE AN ALLOWANCE OF 5% OF THE TOTAL STRUCTURAL STEEL FOR THE PROJECT TO BE DETAILED, FABRICATED AND INSTALLED DURING THE PROGRESS OF THE WORK AS MAY BE DIRECTED BY THE STRUCTURAL ENGINEER OF RECORD IN ADDITION TO STRUCTURAL STEEL INDICATED ON THE DRAWINGS. POST-BID COSTS SHOULD BE ACCOUNTED FOR IN THE ALLOWANCE. CREDIT THE OWNER ANY UNUSED QUANTITY AT THE END OF THE PROJECT.
- SS-8 ERECTION
1. ALL HOLES IN STEEL SHALL BE DRILLED OR PUNCHED WITH SLOTTED HOLES HAVING SMOOTH EDGES. BURNING OF HOLES AND TORCH CUTTING AT THE SITE IS NOT PERMITTED.
2. ALL PROTECTIVE COATINGS DAMAGED DURING THE TRANSPORTING, ERECTION AND FIELD WELDING PROCESSES SHALL BE REPAIRED IN THE FIELD TO MATCH THE SHOP APPLIED COATING.
3. THE STRUCTURAL STEEL ERECTOR SHALL PROVIDE ALL TEMPORARY GUYING AND BRACING.

SHAPE

STUDIO H ARCHITECTURE • PLANNING • ENVIRONMENTS
364 NELSON ST. SW, SUITE #5 • ATLANTA, GA 30313

SYKES

CONSULTING, INC.

1175 PEACHTREE STREET N.E.
100 COLONY SQUARE, SUITE 2300
ATLANTA, GEORGIA 30361-6305

PERMIT SET
ISSUED FOR CONSTRUCTION

ISSUANCES		
No.	Drawing Issue Description	Date
ISSUED FOR PRICING		
1	FINAL CD&PERMIT SET	06/04/2021

FINAL CONSTRUCTION
DOCUMENTS

E.P.H.A. OFFICE
RENOVATION

3056 Norman Berry Dr. East Point, GA 30344

GENERAL NOTES

RQ

Drawn By

MK

Approved By

20013.00

Project No.

06-04-2021

Date

REGISTERED
No. 28702
6/4/2021
ENGINEER
MARTIN S. KIGULDE

S001

Drawing No.

PROJECT NUMBER: 20013.00 PROJECT NAME: E.P.H.A. OFFICE RENOVATION
SHEET NUMBER: S002 - GENERAL NOTES
C:\Users\mkigudde\Documents\RT19_East Point Housing Authority Office Renovation (Struct)_Sykes-4.rvt
6/4/2021 7:46:28 PM

STEEL DECKS

SD-1

DESIGN

1. STEEL DECK SHALL CONFORM TO THE REQUIREMENTS OF THE STEEL DECK INSTITUTE (SDI) AND THE CONTRACT DOCUMENTS. MANUFACTURER SHALL BE A MEMBER OF THE STEEL DECK INSTITUTE.

2. SUBMIT SHOP DRAWINGS WITH PRODUCT DATA, SPAN TABLES AND LOAD DATA. REVIEW OF SHOP DRAWINGS SHALL BE FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS.

3. DECKING SHALL BE CONTINUOUS A MINIMUM OF 3 SPANS WHERE THE STRUCTURE PERMITS AND ERECTED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

4. DAMAGED DECK IN THE HANDLING AND ERECTION PROCESS SHALL BE REPAIRED WITH GALVANIZING REPAIR PAINT.

SD-2

STEEL ROOF DECK

1. STEEL ROOF DECK SHALL BE A MINIMUM OF 20 GAGE, WIDE RIB, GALVANIZED / PAINTED / PRIMED, WITH A MINIMUM YIELD STRENGTH OF 33,000 PSI. ALL INTERIOR EXPOSED ROOF DECK SHALL BE FACTORY PRIMED FOR PAINT. SEE ARCHITECTURAL DRAWINGS FOR EXTENTS AND PAINT COLOR.

2. DECK SHALL BE PLACED AT THE PERIMETER WITH A COMPLETE RIB BEARING ON THE STEEL SUPPORT. DECK SHALL BE SUPPORTED BY A MINIMUM OF FOUR SUPPORT LOCATIONS (THREE SPAN CONDITION).

3. STEEL ROOF DECK SHALL BE ATTACHED AS SHOWN ON THE DECK ATTACHMENT DIAGRAM.

EXISTING CONDITIONS

EC-1

CONTRACTOR SHALL VERIFY EXISTING DIMENSIONS, ELEVATIONS, AND SITE CONDITIONS BEFORE STARTING WORK. ARCHITECT / STRUCTURAL ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY.

EC-2

RENOVATION OF EXISTING STRUCTURES REQUIRES THOROUGH COORDINATION OF THE CONTRACT DOCUMENTS WITH EXISTING CONDITIONS, DIMENSIONS, AND DETAILS PRIOR TO BEGINNING CONSTRUCTION. REPORT ANY DEVIATIONS FROM CONDITIONS OR DIMENSIONS SHOWN ON THE CONTRACT DOCUMENTS TO THE DESIGN PROFESSIONAL FOR REVIEW OF THE DESIGN AND POSSIBLE REVISION OF THE CONTRACT DOCUMENTS.

EC-3

THE NATURE OF STRUCTURAL DEMOLITION AND STABILIZATION IS INHERENTLY UNCERTAIN. THE EXACT CONDITION AND CAPACITY OF EACH STRUCTURAL ELEMENT CANNOT BE VERIFIED PRIOR TO THE COMMENCEMENT OF WORK. AS A RESULT, IT IS IMPERATIVE TO REPORT ANY DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND ACTUAL FIELD CONDITIONS, AS WELL AS ANY ELEMENT OF QUESTIONABLE STRUCTURAL INTEGRITY IMMEDIATELY TO THE DESIGN PROFESSIONAL OF RECORD FOR REVIEW.

EC-4

NO ATTEMPT HAS BEEN MADE TO DEFINE EACH SPECIFIC STRUCTURAL ELEMENT THAT MUST BE REMOVED, ENHANCED, OR REPLACED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW THE CONDITION OF INDIVIDUAL STRUCTURAL ELEMENTS TO DETERMINE WHICH ELEMENTS CAN BE SALVAGED, WHICH ELEMENTS MUST BE REPLACED, AND WHICH ELEMENTS ARE QUESTIONABLE. THE CONTRACTOR SHOULD CONSULT WITH THE DESIGN PROFESSIONAL OF RECORD TO DETERMINE THE APPROPRIATE PROCEDURE FOR HANDLING ELEMENTS IN QUESTIONABLE CONDITION.

EC-5

CONTRACTOR SHALL ASSESS WHICH ARCHITECTURAL ELEMENTS SHALL BE DEMOLISHED AS A RESULT OF THE STRUCTURAL ELEMENTS THAT ARE REQUIRED TO BE DEMOLISHED AND DETERMINE IF ALL MODIFICATIONS AS INDICATED IN THE DRAWINGS ARE FEASIBLE AND PRACTICAL AND SHALL REPORT ANY DISCREPANCIES OR UNUSUAL CONDITIONS TO THE DESIGN PROFESSIONAL.

MASONRY

MS-1

MASONRY SPECIFICATION

1. CONCRETE MASONRY DESIGN AND CONSTRUCTION SHALL CONFORM TO THE "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" AND THE "SPECIFICATIONS FOR MASONRY STRUCTURES". TMS 402-16.

2. GROUT FOR REINFORCED MASONRY SHALL BE IN ACCORDANCE WITH ASTM C476 WITH MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI U.N.O.

3. PROVIDE TYPE "S" MORTAR IN ACCORDANCE WITH ASTM C270, U.N.O. MORTAR BED JOINTS SHALL NOT EXCEED 5/8" THICKNESS.

4. PROVIDE HOLLOW, LOAD BEARING CONCRETE MASONRY UNITS (CMU) CONFORMING TO ASTM C90, WITH A MAXIMUM DENSITY OF 105 PCF.

5. CONCRETE MASONRY SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH, F'm = 1500 PSI, CORRESPONDING TO UNIT STRENGTH OF 2,000 PSI ON NET CROSS-SECTIONAL AREA OF CMU DETERMINED IN ACCORDANCE WITH ASTM C140.

6. TRUSS AND LADDER REINFORCEMENT SHALL BE ZINC COATED AND COMPLY WITH ASTM A1064.

7. COORDINATE EMBEDDED ITEMS REQUIRED FOR ARCHITECTURAL, STRUCTURAL, AND MECHANICAL ELEMENTS.

MS-2

MASONRY DESIGN

1. REFER TO ARCHITECTURAL DRAWINGS FOR BOND PATTERN FOR MASONRY UNITS.

2. ANCHOR SIDES AND TOPS OF MASONRY WALL PANELS TO THE STRUCTURE AS SHOWN ON THE CONTRACT DOCUMENTS OR BY DOVETAIL ANCHORS, METAL STRAPS, OR EQUIVALENT U.N.O.

3. SEE ARCHITECTURAL FOR NON-STRUCTURAL CMU WALLS. 8" CMU WALLS SHALL BE REINFORCED WITH #5@48" MIN U.N.O. AND 12" CMU WALL REINFORCED WITH #5@40" MIN. IF NOT SPECIFICALLY DETAILED.

4. ALL CELLS CONTAINING VERTICAL REINFORCEMENT SHALL BE FULLY GROUTED FROM FOUNDATION TO TOP OF WALL.

5. PROVIDE BOND BEAMS WITH (2) - #5 CONTINUOUS AT TOP OF ALL MASONRY WALLS UNLESS NOTED OTHERWISE.

MS-3

REINFORCEMENT

1. A MINIMUM OF (1)-#5 VERTICAL, GROUTED FULL HEIGHT BARS SHALL BE PROVIDED AT EACH SIDE OF OPENINGS, WALL ENDS, AND CORNERS.

2. AT MINIMUM PROVIDE (2)-9 GAGE LONGITUDINAL LINES OF TRUSS OR LADDER TYPE HORIZONTAL JOINT REINFORCEMENT AT 16" O.C. VERTICALLY. PROVIDE PREFABRICATED "L" AND "T" SECTIONS AT CORNERS AND INTERSECTIONS OF WALLS.

3. LAP SPLICES OF REINFORCEMENT AS INDICATED BELOW, U.N.O.
A. 50 BAR DIAMETERS FOR #5 AND SMALLER
B. 75 BAR DIAMETERS FOR #6 BARS AND LARGER

MS-4

CONTROL JOINTS

1. VERTICAL CONTROL JOINTS SHALL BE PROVIDED ACCORDING TO THE FOLLOWING CRITERIA:
A. 25' - 0" OR 1.5 TIMES THE WALL HEIGHT ON CENTER MAXIMUM (WHICHEVER IS LESS)
B. 12' - 6" OR 0.75 TIMES THE WALL HEIGHT ON CENTER MAXIMUM (WHICHEVER IS LESS) FROM BUILDING CORNERS
C. NO CLOSER THAN 2' - 0" TO OPENING EDGES
D. NO CLOSER THAN 2' - 0" TO MAJOR BEAM OR JOIST BEARINGS

2. BOND BEAMS, CMU LINTELS, MASONRY BENEATH STEEL BEAMS, JOIST BEARINGS, AND OTHER STRUCTURAL ELEMENTS SHALL EXTEND UNINTERRUPTED ACROSS CONTROL JOINTS. PROVIDE RAKED JOINTS IN THESE ELEMENTS TO MATCH THE CONTROL JOINT.

MS-5

STABILITY AND BRACING

MASONRY WALLS SHOWN ON THE ARCHITECTURAL AND STRUCTURAL DRAWINGS HAVE BEEN DESIGNED TO RESIST THE REQUIRED CODE VERTICAL AND LATERAL FORCES APPLIED TO THEM IN THE FINAL CONSTRUCTED CONFIGURATION ONLY ASSUMING FULL BRACING TOP, BOTTOM, AND/OR SIDE OF WALL AS SHOWN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROPERLY AND ADEQUATELY BRACE ALL MASONRY WALLS AT ALL STAGES DURING CONSTRUCTION TO RESIST ERECTION LOADS AND LATERAL LOADS THAT COULD POSSIBLY BE APPLIED PRIOR TO COMPLETION OF CONSTRUCTION. PROVIDE LATERAL BRACING AT THE TOP OF ALL INTERIOR CMU WALLS WHERE THE LENGTH BETWEEN BONDED CROSS WALLS IS MORE THAN 10' - 0" FOR 4" WALLS, 12' - 0" FOR 6" WALLS, AND 14' - 0" FOR 8" WALLS

MS-6

CMU WALL HEIGHTS

ALL CMU WALLS OF ANY SIZE SHOULD BE BRACED AGAINST FORCES AT THE TOP AND BOTTOM UNLESS A WALL FRAMES PERPENDICULARLY INTO THE WALL AT A DISTANCE LESS THAN OR EQUAL TO THE MAXIMUM WALL HEIGHT INDICATED BELOW.

MS-7

CANTILEVERED WALLS ARE NOT PERMITTED UNLESS SPECIFICALLY DESIGNED BY THE STRUCTURAL ENGINEER.

MS-8

MAXIMUM ALLOWED HEIGHTS FOR ALL STRUCTURAL AND ARCHITECTURAL CMU THAT ARE BRACED AT THE TOP ARE:

INTERIOR NON-LOAD BEARING CMU WALLS (5 PSF WIND LOAD)

CMU WALL THICKNESS

MAX. HEIGHT

MIN. REINF.

4" U.R.

6" 18 FT #4@32" O.C.

8" 24 FT #5@48" O.C.

12" 36 FT #5@40" O.C.

EXTERIOR NON-LOAD BEARING CMU WALLS (20 PSF WIND LOAD)

CMU WALL THICKNESS

MAX. HEIGHT

MIN. REINF.

4" N.A.

6" 12 FT #4@16" O.C.

8" 16 FT #5@24" O.C.

12" 20 FT #5@16" O.C.

N.A. - NOT APPLICABLE (USE A THICKER WALL)

U.R. - VERTICAL REINFORCING NOT REQUIRED

SPECIAL INSPECTIONS	
SI-1	THE FOLLOWING STRUCTURAL ITEMS REQUIRE SPECIAL TESTING AND/OR INSPECTIONS: - SECTION 03 1100 CONCRETE FORMING - SECTION 03 2000 CONCRETE REINFORCING - SECTION 03 3000 CAST-IN-PLACE CONCRETE - SECTION 05 1200 STRUCTURAL STEEL FRAMING - SECTION 05 3100 STEEL DECKING - SECTION 31 1200 HELICAL PIERS - SECTION 31 2210 BUILDING EARTHWORK
SI-2	SPECIAL INSPECTION REPORTS AND FINAL REPORT IN ACCORDANCE WITH IBC SECTION 1704.2.4 SHALL BE SUBMITTED TO THE BUILDING OFFICIAL PRIOR TO THE TIME THAT PHASE OF WORK IS APPROVED FOR OCCUPANCY.
PRICING NOTES	
BID PRICING SHALL INCLUDE ALL PRICING INFORMATION PROVIDED BELOW. THE CONTRACTOR SHALL SUBMIT A REQUEST FOR CLARIFICATION / INFORMATION PRIOR TO SOLIDIFYING BIDS IF ADDITIONAL INFORMATION IS REQUIRED.	
PN-1	GLAZING SUPPORT - ASSUME ALL GLAZING WIDER THAN 10'-0" TO BE BRACED AT TOP AND BOTTOM (IF NOT EXTENDING TO THE FLOOR) WITH HSS4X4X3/8 VERTICALS AT 4'-0" O.C. (MAX.) AND CONT. HSS4X4X3/8 AT HEADER, SILL, AND JAMBS. - GLAZING LESS THAN 10'-0" SHALL BE BRACED WITH COLD FORMED METAL FRAMING. METAL FRAMING SHALL BE DESIGNED ACCORDINGLY. - GLAZING MANUFACTURER SHALL INDICATE WHERE ADDITIONAL STEEL BRACING IS REQUIRED BEYOND WHAT IS PROVIDED IN THE CONTRACT DOCUMENTS PRIOR TO THE STEEL BID. IF THIS INFORMATION IS NOT PROVIDED, THE GLAZING SHOULD BE DESIGNED WITHOUT STRUCTURAL STEEL BRACING.
PN-2	CLOSURE ANGLES ALL METAL DECK AND COMPOSITE DECK EDGES HAVE CONTINUOUS CLOSURE. ASSUME CONTINUOUS 1/4" BENT PLATE WITH VERTICAL LEG TO MATCH CONCRETE AT COMPOSITE DECK AND 4" VERTICAL LEG AT METAL ROOF DECK. HORIZONTAL LEG TO BE 4" MIN. AT BOTH COMPOSITE DECK AND ROOF DECK.
PN-3	STEEL FRAMING - ALL STRUCTURAL STEEL EXPOSED TO WEATHER AND/OR CORROSION SHALL BE HOT-DIPPED GALVANIZED (INCLUDING SHELF ANGLES). ANCHOR RODS EXPOSED TO WEATHER AND / OR CORROSION SHALL BE STAINLESS STEEL. - REFER TO THE TYPICAL STEEL BEAM SCHEDULE FOR ALL BEAM SIZES NOT INDICATED ON PLAN. - ASSUME HSS8X8X3/8 OR W12X45 FOR ALL COLUMN SIZES NOT SHOWN ON PLAN. - ASSUME L4X4X3/8 OUTRIGGERS AT 6'-0" O.C. WITH FIELD WELDED MOMENT CONNECTIONS WHERE ROOF OR FLOOR DECK CANTILEVERS MORE THAN 1'-6".
PN-4	EMBED PLATES ALL BEAMS FRAMING INTO CONCRETE SHALL HAVE EMBED PLATES.

SUBMITTALS	
SB-1	SUBMITTALS - SUBMIT SHOP DRAWINGS AND OTHER ITEMS WHICH ADEQUATELY DEPICT THE STRUCTURAL ELEMENTS AND CONNECTIONS SHOWN IN THE CONTRACT DOCUMENTS TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION. WRITTEN PERMISSION MUST BE OBTAINED FROM SYKES CONSULTING, INC. PRIOR TO THE REPRODUCTIVE USE OF STRUCTURAL DRAWINGS IN ANY FASHION FOR SHOP DRAWINGS. ELECTRONIC DRAWING FILES WILL NOT BE PROVIDED TO THE CONTRACTOR. ALL SHOP DRAWINGS SHALL BE REVIEWED BY THE GENERAL CONTRACTOR BEFORE SUBMITTAL. THE ENGINEER'S REVIEW IS FOR CONFORMANCE WITH THE DESIGN CONCEPT AND GENERAL COMPLIANCE WITH THE RELEVANT CONTRACT DOCUMENTS. THE ENGINEER'S REVIEW DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO REVIEW, CHECK AND COORDINATE THE SHOP DRAWINGS PRIOR TO SUBMISSION. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF THE SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS, DIMENSIONS, ETC. IN THE CONTRACT DOCUMENTS. - STRUCTURAL DRAWINGS INDICATE TYPICAL AND CERTAIN SPECIFIC CONDITIONS ONLY. SHOP DRAWINGS SHALL DETAIL ALL CONDITIONS IN ACCORDANCE WITH STANDARDS AND THE SPECIFIC REQUIREMENTS OF THIS PROJECT AS INDICATED. - COMPLETE STRUCTURAL SHOP DRAWINGS FOR CONSTRUCTION OF EACH BUILDING COMPONENT NOT DESIGNED BY THE DESIGN TEAM-OF-RECORD AND NOT SPECIFIED ON THE PROJECT CONSTRUCTION DOCUMENTS SHALL BE SEALED AND SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF GEORGIA AND GET APPROVAL FROM THE ENGINEER OF RECORD PRIOR TO THE SUBMITTAL (SEE SUBMITTAL REQUIREMENTS) AND SHALL BE AVAILABLE AT THE JOB SITE DURING THE TIMES OF INSPECTION.
SB-2	SHOP DRAWING LIST - THE CONTRACTOR SHALL PREPARE A DETAILED LIST AND SCHEDULE OF ALL SUBMITTAL ITEMS TO BE SENT TO THE ENGINEER PRIOR TO THE START OF CONSTRUCTION. THIS LIST SHALL BE UPDATED, REVISED, AND KEPT CURRENT AS THE JOB PROGRESSES. THE SUBMITTAL LIST SHALL BE ORGANIZED AS SHOWN BELOW. - SHOP DRAWINGS. - MANUFACTURER'S LITERATURE FOR PRODUCTS, ASSEMBLIES, AND HARDWARE - PRODUCT CERTIFICATION, MILL CERTIFICATES, AND AFFIDAVITS - DESIGN CALCULATIONS
SB-3	SUBMITTAL PACKAGES - AS A MINIMUM, SUBMIT THE FOLLOWING ITEMS FOR REVIEW: - CONCRETE MIX DESIGN(S). (1) - CONSTRUCTION JOINT LOCATIONS IN STRUCTURAL FLOORS, WALLS, AND SLABS-ON-GRADE. - EMBEDDED ITEMS OR ITEMS ATTACHED (PLATES, BOLTS, ANGLES, ETC.) TO THE STRUCTURAL FRAME INCLUDING BUILDING CLADDING ATTACHMENTS. (2) - EXTERIOR CLADDING. (1)(3) - EXTERIOR WALL SYSTEM. (2) - FORMWORK, SHORING, AND BACKSHORING. (1)(2)(3) - LIGHT GAGE METAL (COLD FORMED STEEL) THAT IS LOAD BEARING OR USED TO SUPPORT EXTERIOR CLADDING. (1)(3) - METAL DECKING SHOP DRAWINGS. - MECHANICAL, ELECTRICAL, PLUMBING OPENINGS IN FLAT SLABS. - PENETRATIONS IN BEAMS COLUMNS AND JOISTS. - REINFORCING STEEL SHOP DRAWINGS. - STRUCTURAL STEEL SHOP AND ERECTION DRAWINGS. (1) - STRUCTURAL STEEL CONNECTION CALCULATIONS. (3) NOTE: CONNECTION CALCULATIONS TO BE SUBMITTED ALONG WITH STRUCTURAL STEEL SUBMITTAL - STRUCTURAL STEEL BUILDING ERECTION / BRACING DRAWINGS AND ERECTION TOWER / SHORING DRAWINGS. (1)(3) - STEEL JOIST AND JOIST GIRDER SHOP DRAWINGS. (1)(3) - SURVEY OF STRUCTURAL STEEL ERECTION. (1) - EDGE OF SLAB PLAN INDICATING EDGE OF SLAB DIMENSIONS, DEPTHS AND LOCATIONS OF DEPRESSIONS, LOCATIONS AND THICKNESSES OF TOPPING SLABS. EDGE OF SLAB PLAN TO BE CREATED INDEPENDENT OF DESIGN TEAM CAD FILES AND COORDINATED WITH ALL DISCIPLINES. - OTHER SUBMITTALS MAY BE REQUIRED PER THE "SCHEDULE OF SPECIAL INSPECTIONS" OR THE SEPARATE NOTES CONTAINED HEREIN.
SB-4	SUBMITTAL DESIGNATION NOTES - ITEMS SHALL HAVE SHOP DRAWINGS BEARING THE SIGNED AND DATED SEAL OF A LICENSED ENGINEER IN GEORGIA. - SUBMIT TO ENGINEER FOR OWNER'S RECORD ONLY AND WILL NOT HAVE THE ENGINEER'S SHOP DRAWING STAMP AFFIXED. - SUBMIT DESIGN CALCULATIONS BEARING THE SIGNED AND DATED SEAL OF A LICENSED ENGINEER IN GEORGIA.
DELEGATED DESIGN ITEMS	
DD-1	THE CONTRACTOR SHALL EMPLOY OR RETAIN A PROFESSIONAL / STRUCTURAL ENGINEER LICENSED IN GEORGIA TO DESIGN AND DETAIL DELEGATED DESIGN ITEMS TO THE PERFORMANCE AND DESIGN CRITERIA ESTABLISHED AS PART OF THE BASE BUILDING STRUCTURE INDICATED IN THE CONTRACT DOCUMENTS INCLUDING BUT NOT LIMITED TO THE FOLLOWING: - HELICAL PIERS - STRUCTURAL STEEL CONNECTIONS - COLD FORMED METAL FRAMING
DD-2	COMPLETE SHOP DRAWINGS FOR CONSTRUCTION OF EACH BUILDING COMPONENT NOT DESIGNED BY THE ENGINEER-OF-RECORD AND NOT SPECIFIED ON THE PROJECT CONSTRUCTION DOCUMENTS SHALL BE SEALED AND SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF GEORGIA AND SHALL BE AVAILABLE AT THE JOB SITE AT THE TIMES OF INSPECTION.
CONTINGENCIES:	
CG-1	THE CONTRACTOR'S COST ESTIMATES / PRICING, BIDS AND CONTRACT PRICE SHALL INCLUDE NORMAL CONTINGENCIES THROUGH THE CONSTRUCTION COMPLETION.

DRAWING INTERPRETATION			
DI-1	DRAWING ABBREVIATIONS THE FOLLOWING ABBREVIATIONS ARE USED ON THE STRUCTURAL DRAWINGS:		
@	- AT	LLBB	- LONG LEG BACK TO BACK
&	- AND	LB (S)	- POUND (S)
Ø	- ROUND, DIAMETER	Ld	- DEVELOPMENT LENGTH
AR	- ANCHOR ROD	LL(S)H	- LONG LEG (SIDE) HORIZONTAL
AHU	- AIR HANDLING UNIT	LL(S)V	- LONG LEG (SIDE) VERTICAL
ALT.	- ALTERNATE	LWC	- LIGHTWEIGHT CONCRETE
ANCH.	- ANCHORS	MAS.	- MASONRY
APPROX.	- APPROXIMATE	MATL	- MATERIAL
ARCH.	- ARCHITECTURAL	MAX.	- MAXIMUM
ARCHL.	- ARCHITECTURAL	MC	- MOMENT CONNECTION
BLDG.	- BUILDING	MECH.	- MECHANICAL
BM (S)	- BEAM (S)	MEZZ.	- MEZZANINE
B.O.	- BOTTOM OF	MFR.	- MANUFACTURE (R)
BOT.	- BOTTOM	MIN.	- MINIMUM
BRDG.	- BRIDGING	MTL.	- METAL
BRG	- BEARING	MISC.	- MISCELLANEOUS
BTWN.	- BETWEEN	NIC	- NOT IN CONTRACT
C.	- CHANNEL	NO. #	- NUMBER
CANT.	- CANTILEVER	NS	- NEAR SIDE
CIP	- CAST IN PLACE	NTS	- NOT TO SCALE
	CONCRETE		
C.J.	- CONTROL JOINT	NWC	- NORMAL WEIGHT CONCRETE
CJP	- COMPLETE JOINT	NWT	- NORMAL WEIGHT
	PENETRATION	OC	- ON CENTER
CL	- CENTER LINE	OPNG (S)	- OPENING (S)
CLR.	- CLEAR	OPP.	- OPPOSITE
CMU	- CONCRETE MASONRY UNIT	OPP. HD.	- OPPOSITE HAND
COL	- COLUMN	PC	- PRECAST CONCRETE
COMPR.	- COMPRESSIBLE	PCF	- POUNDS PER CUBIC FOOT
CONC.	- CONCRETE	PL	- PLATE
CONN. (S)	- CONNECTION (S)	P.L.	- PROPERTY LINE
CONST.	- CONSTRUCTION	PLF	- POUNDS PER LINEAR FOOT
CONT.	- CONTINUOUS	PRELIM.	- PRELIMINARY
CORR.	- CORRUGATED	PROP.	- PROPERTY
CTR. (S)	- CENTER (S)	PSF	- POUNDS PER SQUARE FOOT
DB	- BAR DIAMETER	PSI	- POUNDS PER SQUARE INCH
DBA	- DEFORMED BAR	PT	- POST TENSION (ED) (ING)
	ANCHOR		
DBL	- DOUBLE	QTY.	- QUANTITY
DET.	- DETAIL	R	- RISER (STAIR), REACTION
DIA.	- DIAMETER	RAD.	- RADIUS
DWA	- DEFORMED WIRE	REF.	- REFERENCE
	ANCHOR		
DWL (S)	- DOWEL (S)	REINF.	- REINFORCEMENT OR REINFORCING
DWG (S)	- DRAWING (S)		
EA.	- EACH	REM.	- REMAINDER
E.J.	- EXPANSION JOINT	REQD.	- REQUIRED
EL.	- ELEVATION	REV.	- REVISION
ELEV.	- ELEVATION	RTU	- ROOF TOP UNIT
EMBED	- EMBEDMENT	SC	- SLIP CRITICAL
ENGR.	- ENGINEER		SHEAR CONNECTION
EQ.	- EQUAL	SCHED.	- SCHEDULE (D)
EQUIP.	- EQUIPMENT	SECT.	- SECTION
EQUIV.	- EQUIVALENT	SHT.	- SHEET
EW	- EACH WAY	SIM.	- SIMILAR
EXIST.	- EXISTING	SLBB	- SHORT LEG BACK TO BACK
EXP.	- EXPANSION	SP OR SPA	- SPACE (ING)
EXT.	- EXTERIOR	SPEC (S)	- SPECIFICATION (S)
FA	- FACE	SQ.	- SQUARE
FAB.	- FABRICATE	STD	- STANDARD
Fc	- 28 DAY CONCRETE	STL.	- STEEL
	STRENGTH	STR.	- STIRRUP
FD	- FLOOR DRAIN	STRUCT.	- STRUCTURAL
FDN.	- FOUNDATION	SYM.	- SYMMETRICAL
FIN.	- FINISH (ED)	T	- PLATE THICKNESS
FL.	- FLOOR	THRD.	- THREADED
FS	- FAR SIDE	T.O.	- TOP OF
FTG.	- FOOTING	T.O.C.	- TOP OF CONCRETE
FUT.	- FUTURE	TOM	- TOP OF MASONRY
FY	- YIELD STRENGTH	TOS	- TOP OF STEEL
GALV.	- GALVANIZE	TR.	- TREAD (STAIR)
GEN.	- GENERAL	TYP.	- TYPICAL
HGR.	- HANGER	U.N.O.	- UNLESS NOTED OTHERWISE
HORIZ.	- HORIZONTAL	VERT.	- VERTICAL
HSA	- HEADED STUD ANCHOR	W	- WIDE FLANGE
HSS	- HOLLOW STRUCTURAL	WI	- WITH
	SHAPE	WGT.	- WEIGHT
INT.	- INTERIOR	WP	- WORK POINT
JT.	- JOINT	W.R.T.	- WITH RESPECT TO
K	- KIPS	WS	- WATERSTOP
KSF	- KIPS PER SQUARE FOOT	WT	- STEEL TEE SECTION
KSI	- KIPS PER SQUARE INCH	WWR	- WELDED WIRE REINFORCEMENT
ZL	- DOUBLE ANGLE	X-STR	- EXTRA STRONG
L	- ANGLE	XX-STR	- DOUBLE EXTRA STRONG

SHAPE

STUDIO H ARCHITECTURE • PLANNING • ENVIRONMENTS
364 NELSON ST. SW, SUITE #5 • ATLANTA, GA 30313

SYKES

CONSULTING, INC.

1175 PEACHTREE STREET N.E.
100 COLONY SQUARE, SUITE 2300
ATLANTA, GEORGIA 30361-6305

PERMIT SET
ISSUED FOR CONSTRUCTION

ISSUANCES		
No.	Drawing Issue Description	Date
ISSUED FOR PRICING		
1	FINAL CDs/PERMIT SET	06/04/2021

FINAL CONSTRUCTION
DOCUMENTS

E.P.H.A. OFFICE
RENOVATION

3056 Norman Berry Dr. East Point, GA 30344

GENERAL NOTES

RQ

Drawn By

MK

Approved By

20013.00

Project No.

06-04-2021

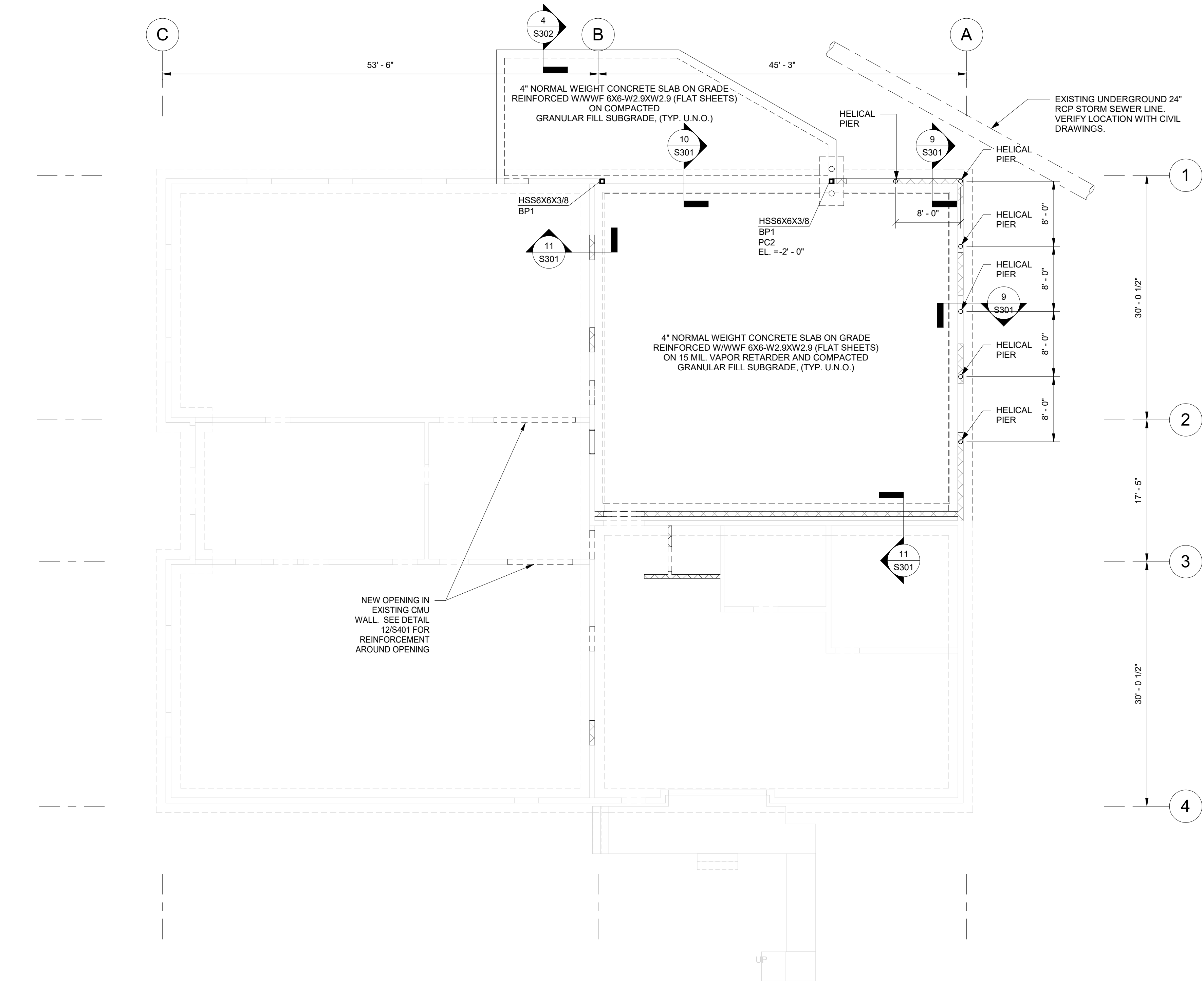
Date

GEORGIA
REGISTERED
PROFESSIONAL
ENGINEER
MARTIN S. KIGUDDE

S002

Drawing No.

PROJECT NUMBER: 20013.00 PROJECT NAME: E.P.H.A. OFFICE RENOVATION
SHEET NUMBER: S101 - FOUNDATION PLAN
C:\Users\mkigudde\Documents\R19_East Point Housing Authority Office Renovation (Struct)_Sykes-4.rvt
6/4/2021 7:46:28 PM



② FOUNDATION PROPOSED
1/8" = 1'-0"

FOUNDATION NOTES

- SEE SHEET S001 AND S002 FOR GENERAL NOTES.
- SEE SHEET S301 AND FOLLOWING FOR TYPICAL FOUNDATION DETAILS NOT REFERENCED ON PLAN.
- PC# INDICATES PILECAP WITH HELICAL PIERS. SEE DETAIL S301 FOR PILECAP DETAILS.
- FOR HELICAL PIERS SHOWN ON PLAN, SEE GENERAL NOTE FD-6.
- BP# INDICATE COLUMN BASE PLATE. SEE DETAIL 2/S302 FOR BASE PLATE SCHEDULE AND DETAILS.
- T.O. SLAB ELEVATION = 0' - 0" U.N.O.
- ALL FOUNDATIONS ARE 2' - 0" BELOW THE REFERENCED FINISHED FLOOR ELEVATION. (U.N.O.).
- ALL FOOTINGS ARE CENTERED ON COLUMNS U.N.O.
- SEE ARCHITECTURAL DRAWINGS FOR ALL EDGE-OF-SLAB DIMENSIONS, SLOPED SLABS, DEPRESSED SLABS, AND NON LOAD-BEARING CMU WALL LOCATIONS.
- PROVIDE CONTROL JOINTS IN SLAB-ON-GRADE SPACED AT 20'-0" MAX. IN EACH DIRECTION.
- INDICATES STEPPED FOOTING. SEE DETAIL 12/S301 FOR ADDITIONAL INFORMATION. ELEVATION IS RELATIVE TO REFERENCED FLOOR ELEVATION.
- CONTRACTOR SHALL COORDINATE THE LOCATION OF UNDERGROUND UTILITIES AND FOUNDATIONS PRIOR TO CONSTRUCTION.



STUDIO H ARCHITECTURE • PLANNING • ENVIRONMENTS
364 NELSON ST. SW, SUITE #5 • ATLANTA, GA 30313



1175 PEACHTREE STREET N.E.
100 COLONY SQUARE, SUITE 2300
ATLANTA, GEORGIA 30361-6305

PERMIT SET
ISSUED FOR CONSTRUCTION

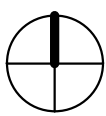
ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020
1	FINAL CD&PERMIT SET	06/04/2021

FINAL CONSTRUCTION
DOCUMENTS

E.P.H.A. OFFICE
RENOVATION

3056 Norman Berry Dr. East Point, GA 30344

FOUNDATION PLAN



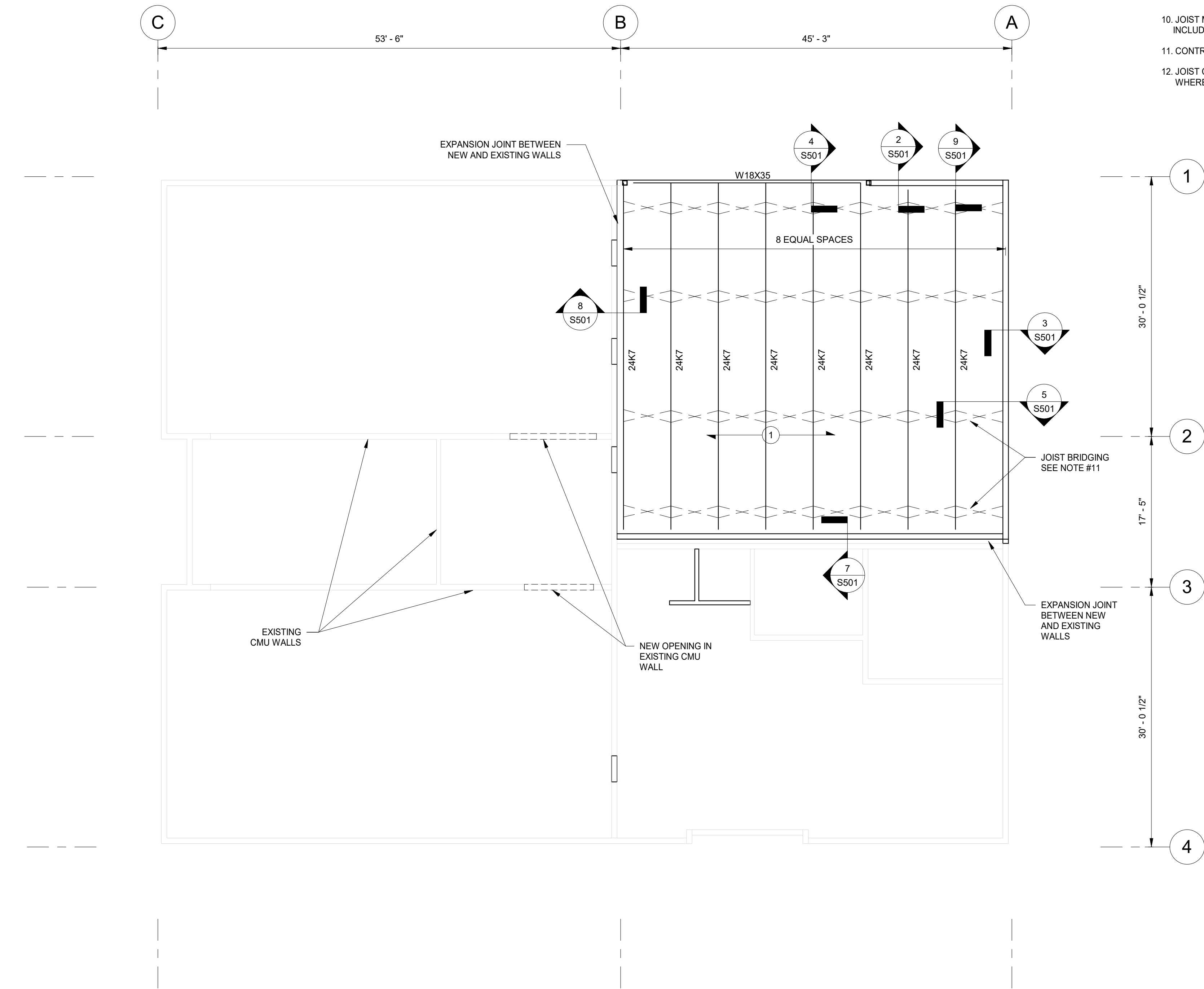
RQ	20013.00
Drawn By	Project No.
MK	06-04-2021
Approved By	Date



S101

Drawing No.

PROJECT NUMBER: 20013.00 PROJECT NAME: E.P.H.A. OFFICE RENOVATION
SHEET NUMBER: S102 - ROOF PLAN
C:\Users\mkigudde\Documents\R19_East Point Housing Authority Office Renovation (Struct)_Sykes-4.rvt
6/4/2021 7:46:28 PM



1 ROOF LEVEL
1/8" = 1'-0"

ROOF FRAMING NOTES.

- SEE SHEET S001 FOR GENERAL NOTES.
- SEE SHEET S501 AND FOLLOWING FOR TYPICAL FRAMING DETAILS NOT REFERENCED ON PLAN.
- SEE ARCHITECTURAL DRAWINGS FOR ALL EDGE-OF-SLAB DIMENSIONS, SLAB OPENINGS, AND NON LOAD-BEARING CMU WALL LOCATIONS.
- STEEL BEAM LEGEND: W###-### (##), C=#, R=## kips
A. (##) INDICATES THE NUMBER OF 3/4" DIA. HEADED STUDS, WHERE NONE ARE SHOWN ON PLAN, PROVIDE 1 STUD PER FOOT LENGTH OF COMPOSITE BEAM.
B. C=# INDICATES UPWARD BEAM CAMBER (INCHES).
C. R=# KIPS INDICATES FACTORED BEAM REACTION, IF NO REACTION IS SHOWN ON PLAN:
i. FOR W8 BEAMS, PROVIDE CONNECTION FOR 10 kips.
ii. FOR W12 BEAMS, PROVIDE CONNECTION FOR 25 kips.
iii. FOR W14 AND LARGER BEAMS, PROVIDE CONNECTIONS BASED ON 1/2 OF THE MAXIMUM FACTORED UNIFORM LOADS TABULATED IN THE MANUAL OF STEEL CONSTRUCTION.
- ROOF BEAMS AND JOISTS ARE EQUALLY SPACED WITHIN FRAMING BAYS.
- TOP OF STEEL ELEVATIONS ARE RELATIVE TO THE FIRST FLOOR FINISHED SLAB ELEVATION.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING COORDINATING THE DIMENSIONS OF RTU FRAMING.
- ROOF TOP FRAMING (RTU'S) TO BE HOT DIPPED GALVANIZED (TYP.)
- INDICATES DIRECTION OF SPAN ON 1 1/2" 20-GA GALVANIZED ROOF DECK (VULCRAFT TYPE 1.5B OR APPROVED EQUAL). SUBMIT PRODUCT DATA FOR REVIEW INCLUDING SPAN TABLES. TOP OF ROOF DECK ELEVATION = +11'-9" RELATIVE TO FIRST FLOOR ELEVATION.
- JOIST MANUFACTURER SHALL PROVIDE BRIDGING FOR STEEL JOIST IN ACCORDANCE WITH SJI STANDARDS INCLUDE UPLIFT BRIDGING.
- CONTRACTOR SHALL COORDINATE MEP WITH JOIST BRIDGING PRIOR TO CONSTRUCTION.
- JOIST CAMBER SHALL BE MINIMIZED IN ORDER TO PREVENT ERECTION ISSUES WITH ROOF DECK WHERE ADJACENT STRUCTURE HAVE MINIMUM DEFLECTION.

SHAPE

STUDIO **H** ARCHITECTURE • PLANNING • ENVIRONMENTS
364 NELSON ST. SW, SUITE #5 • ATLANTA, GA 30313

SYKES
CONSULTING, INC.

1175 PEACHTREE STREET N.E.
100 COLONY SQUARE, SUITE 2300
ATLANTA, GEORGIA 30361-6305

PERMIT SET ISSUED FOR CONSTRUCTION

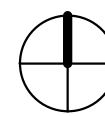
ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs/PERMIT SET	06/04/2021

FINAL CONSTRUCTION DOCUMENTS

E.P.H.A. OFFICE RENOVATION

3056 Norman Berry Dr. East Point, GA 30344

ROOF PLAN



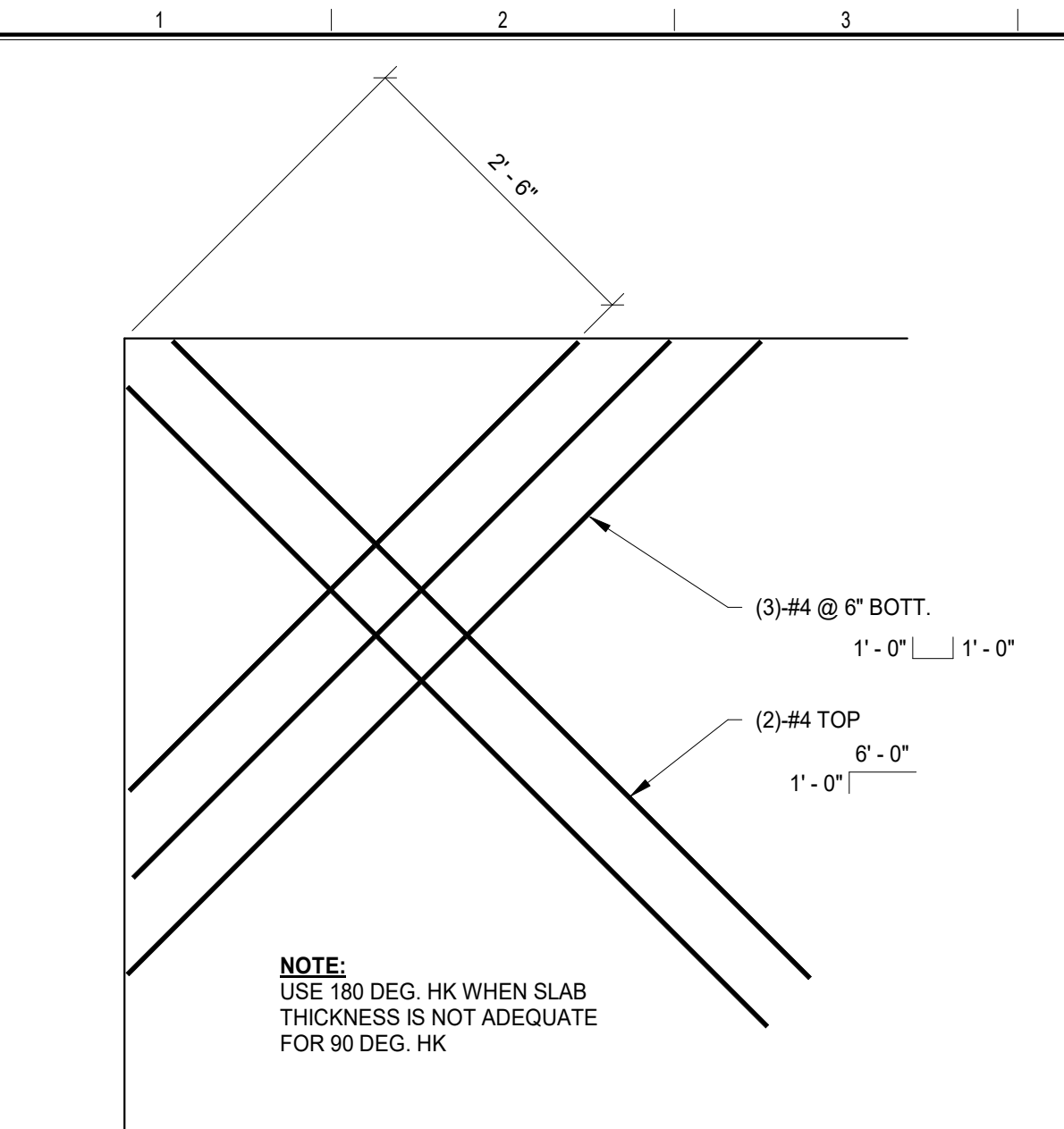
RQ _____ 20013.00
Drawn By _____ Project No.
MK _____ 06-04-2021
Approved By _____ Date



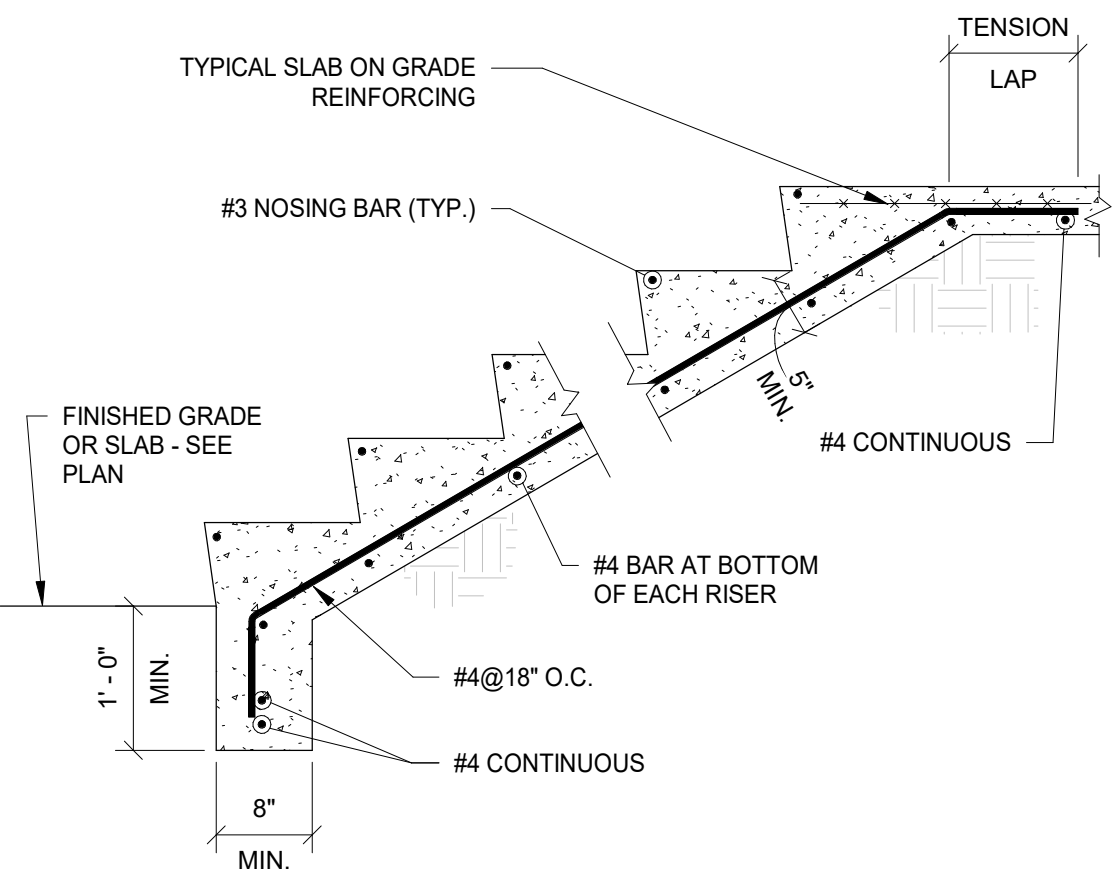
S102

Drawing No.

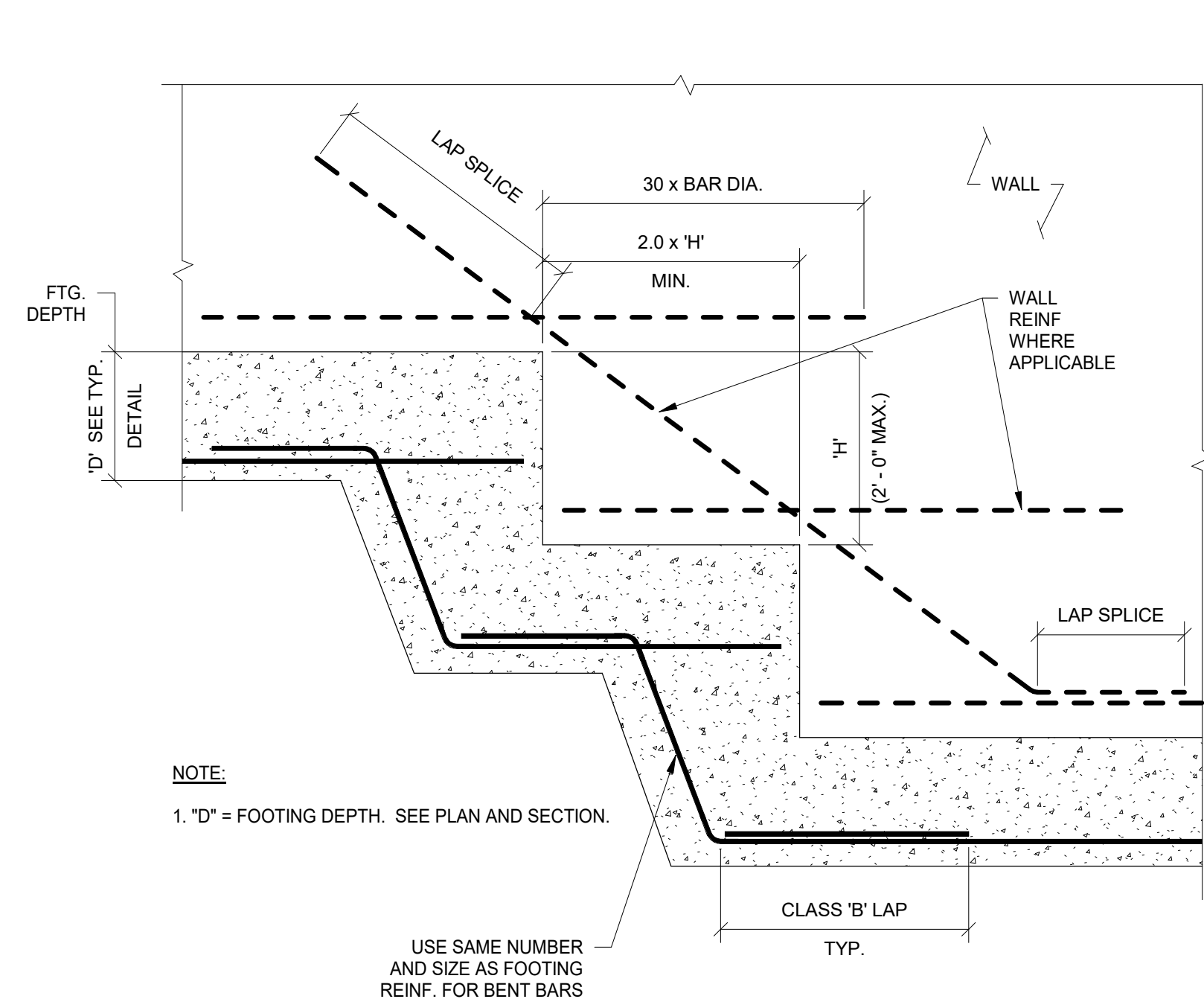
PROJECT NUMBER: 20013.00 PROJECT NAME: E.P.H.A. OFFICE RENOVATION
SHEET NUMBER: S301 - TYPICAL FOUNDATION DETAILS
C:\Users\mkigudde\Documents\R19_East Point Housing Authority Office Renovation (Struct)_Sykes-4.rvt
6/4/2021 7:46:28 PM



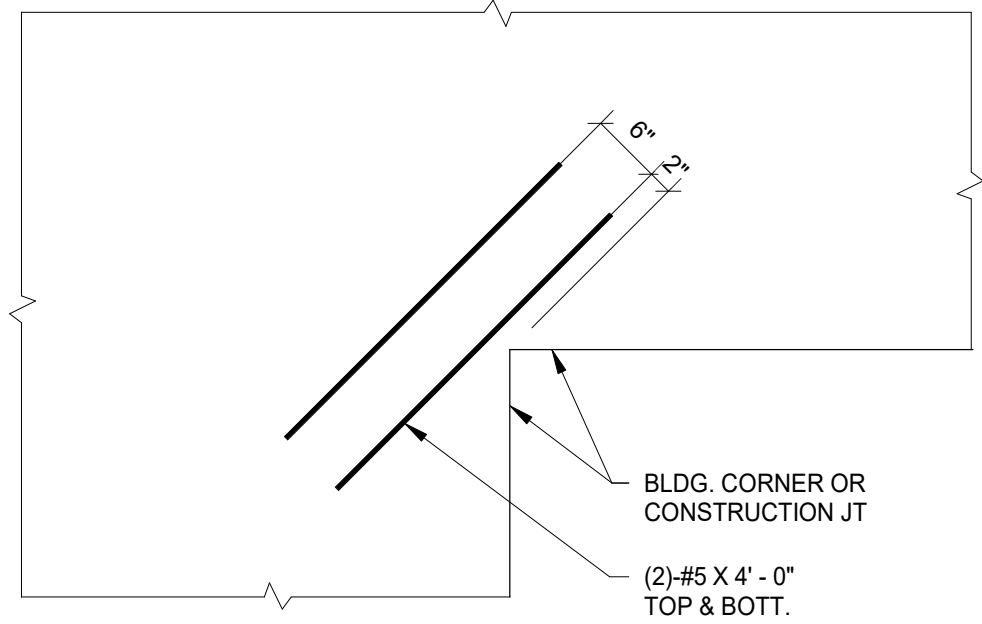
4 TYPICAL REINFORCING AT BUILDING CORNERS
3/4" = 1'-0"



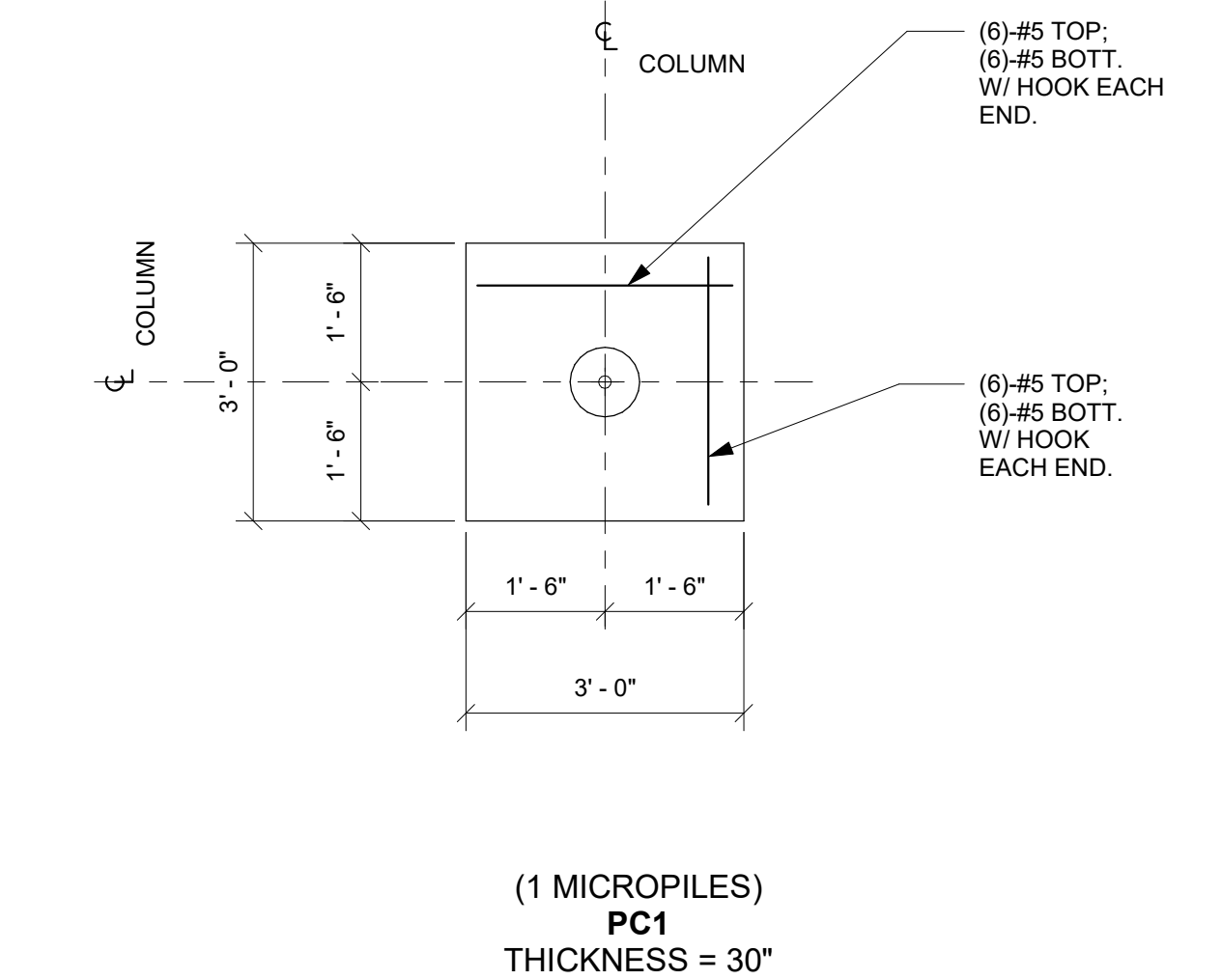
8 TYPICAL CONCRETE STAIR ON GRADE
3/4" = 1'-0"



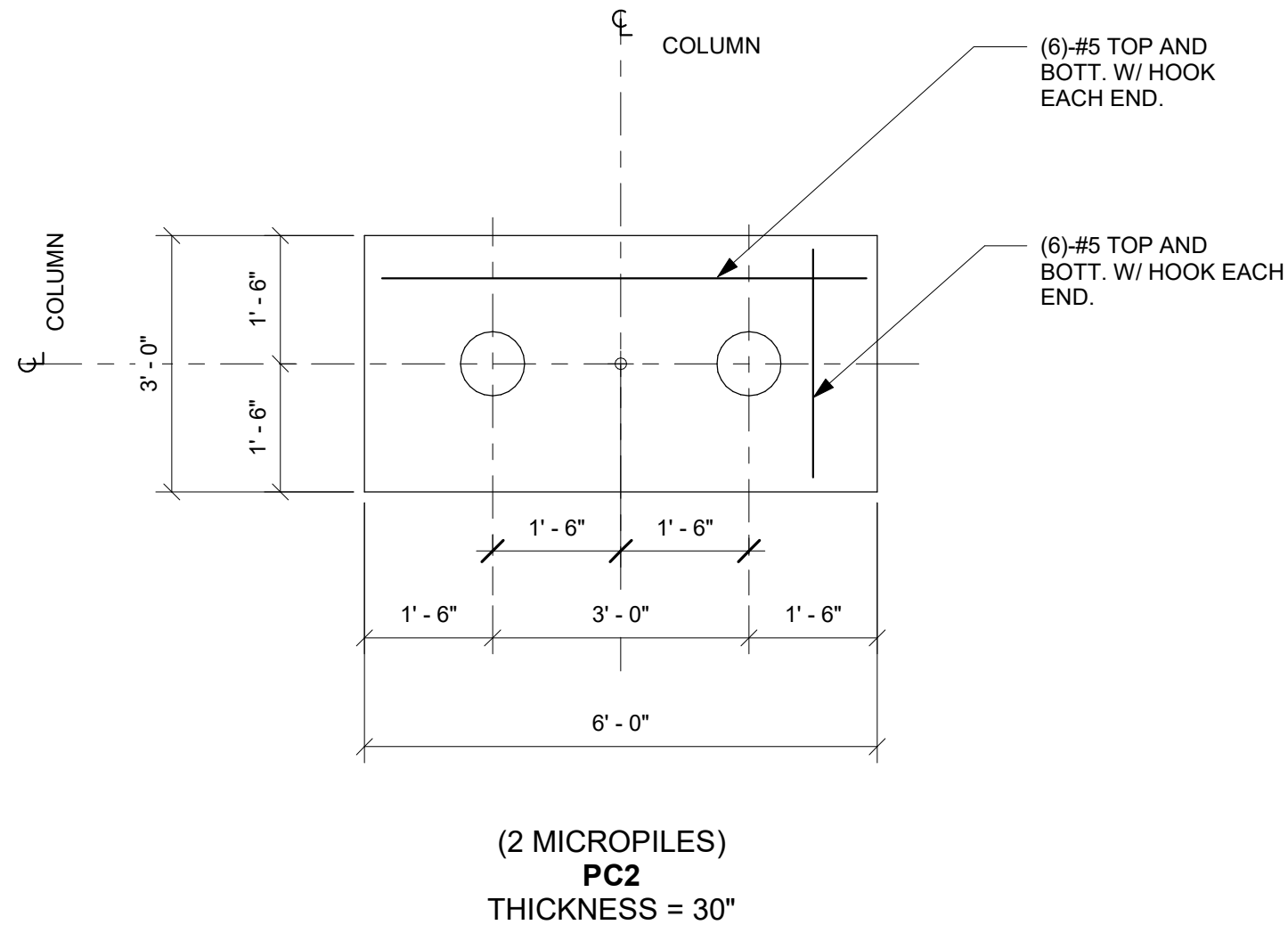
12 STEPPED FOOTING
3/4" = 1'-0"



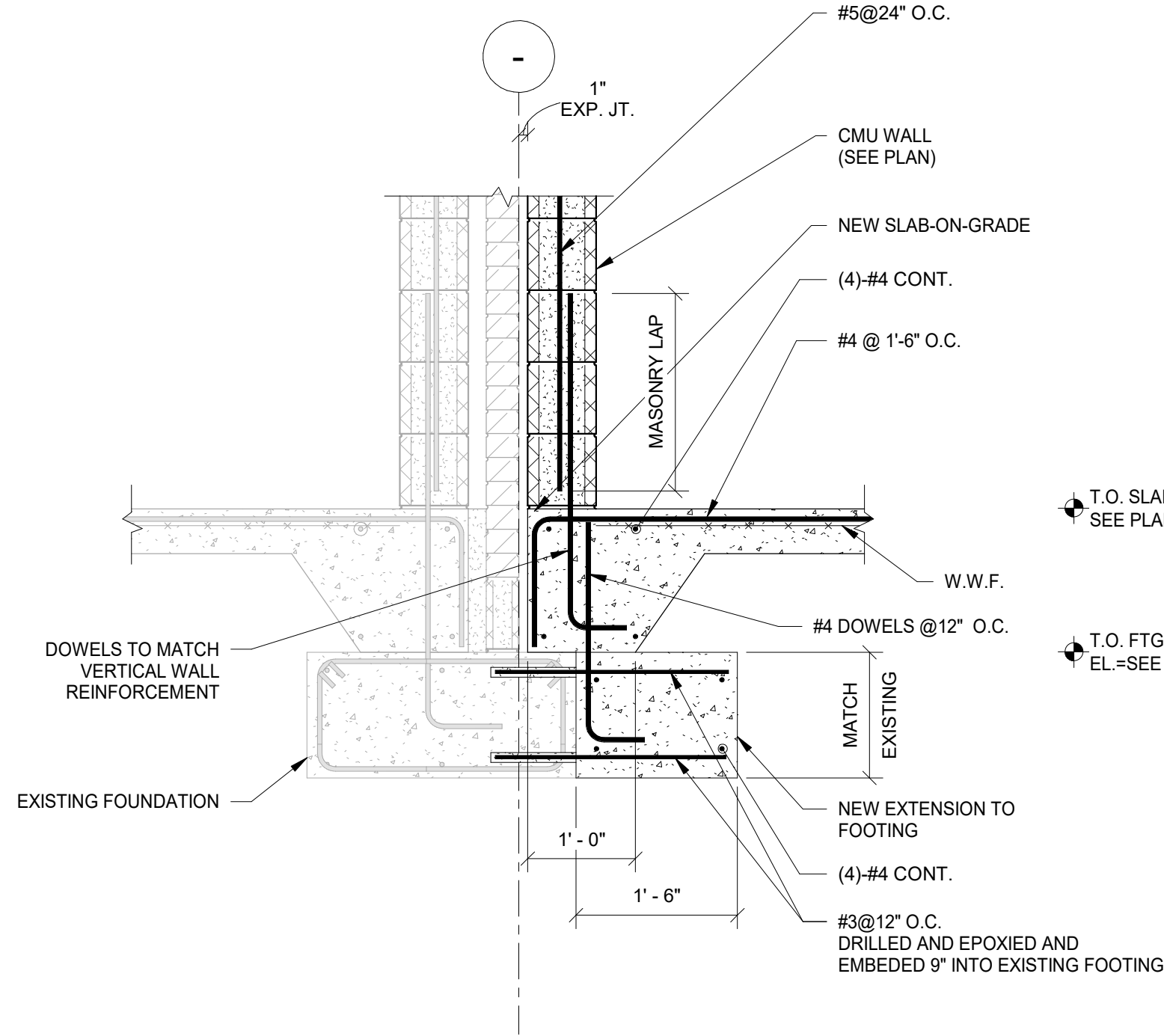
2 TYPICAL CONCRETE CURB DETAILS
1" = 1'-0"



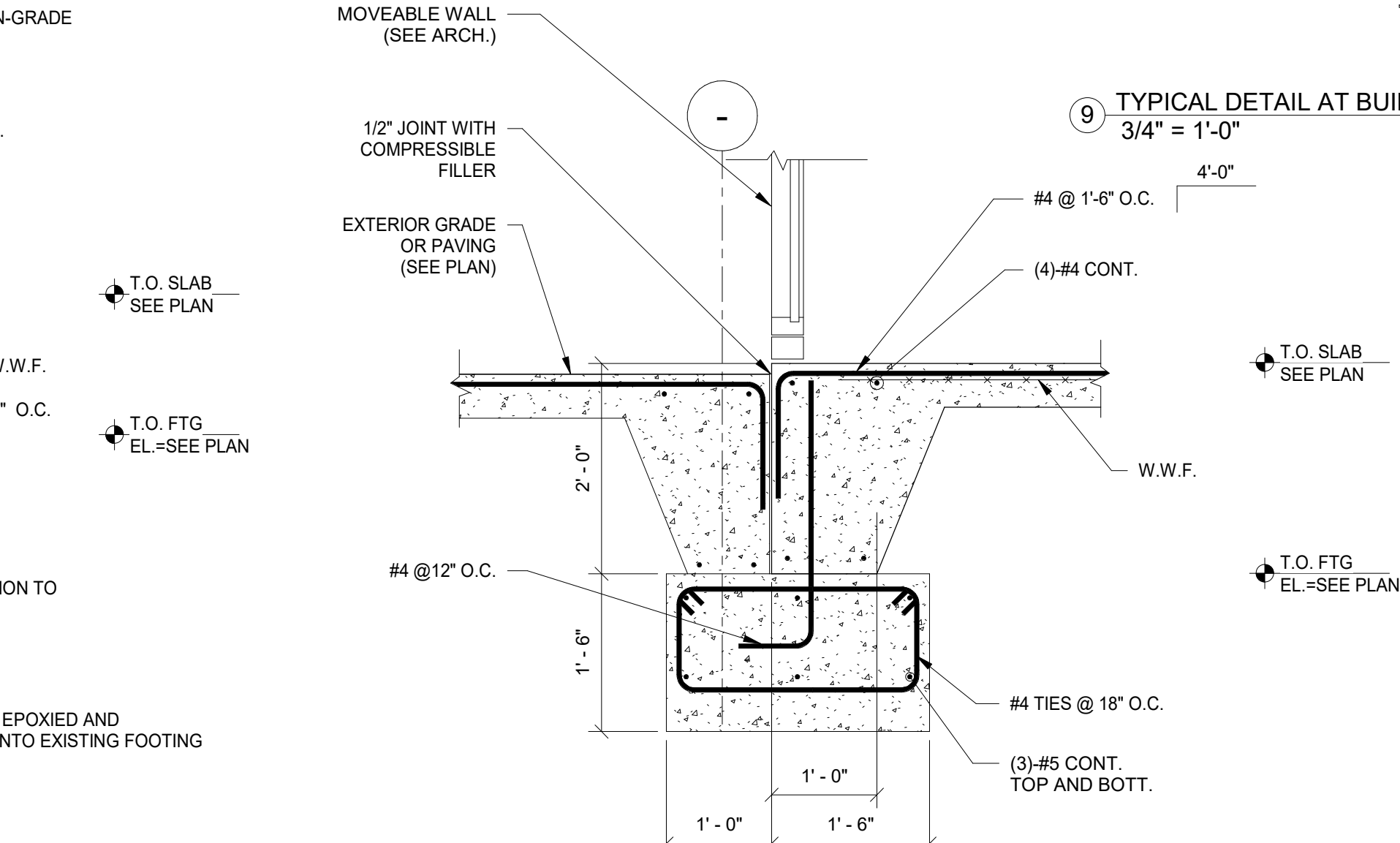
6 PILECAP PC1
1/2" = 1'-0"



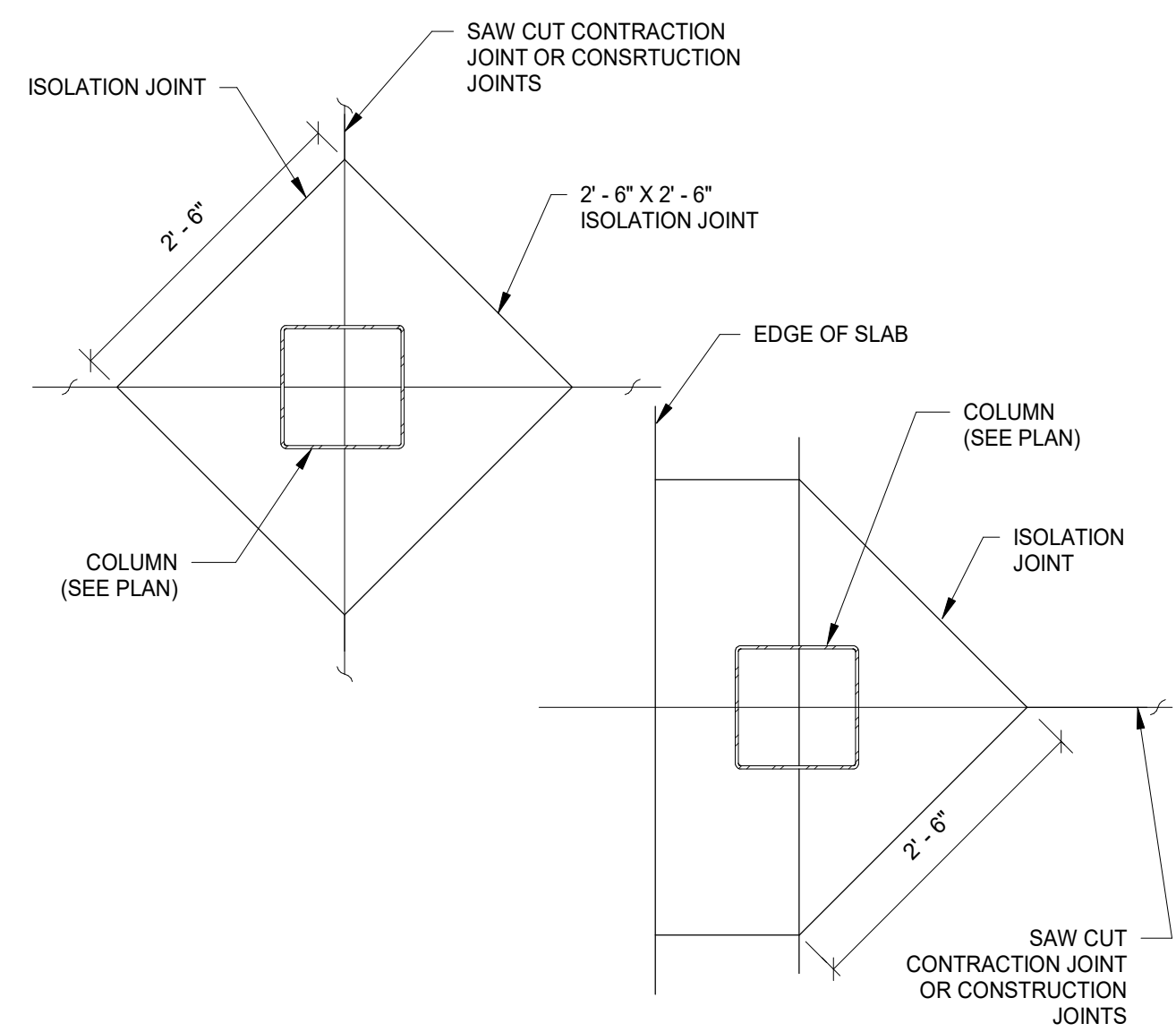
7 PILECAP PC2
1/2" = 1'-0"



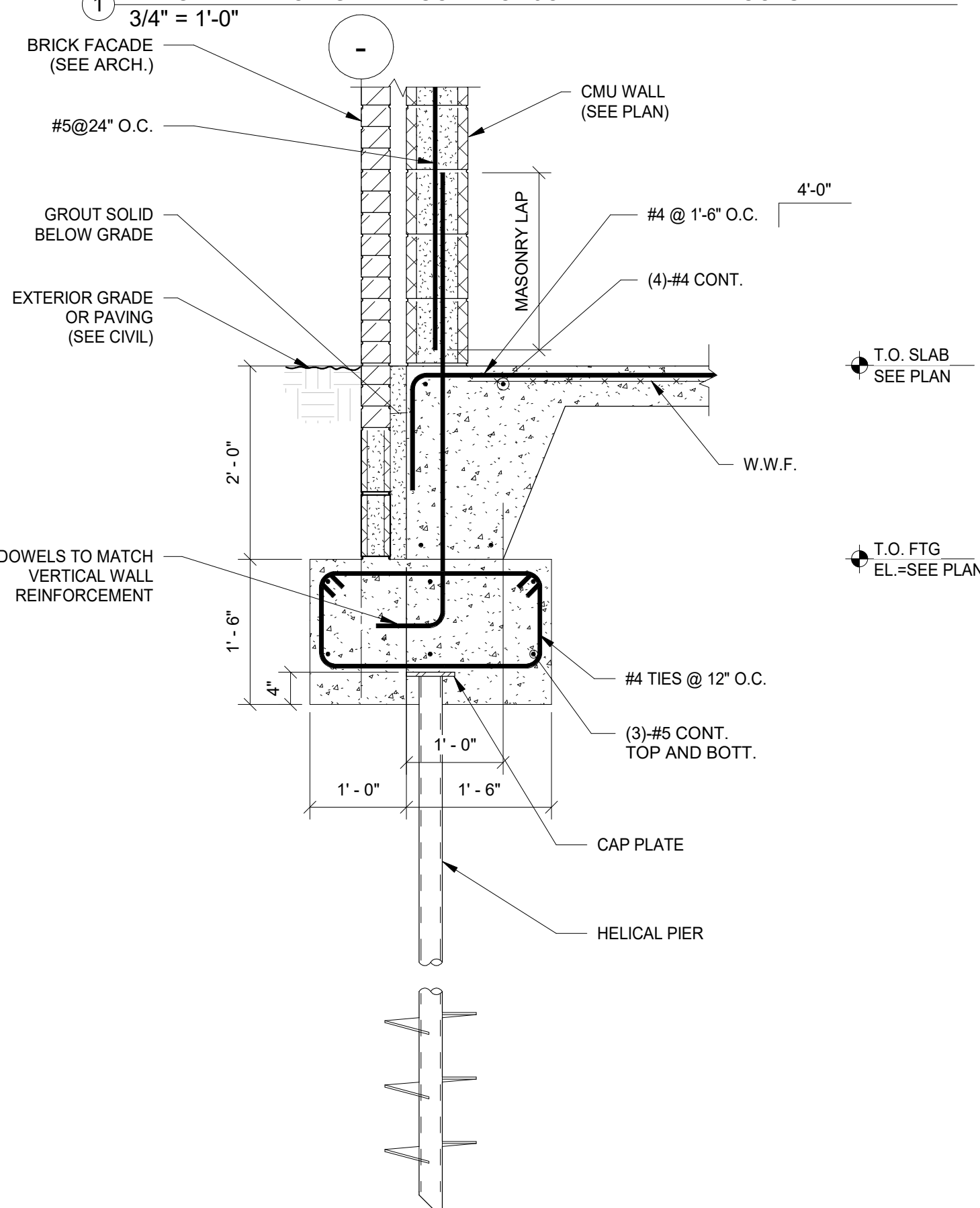
11 TYPICAL DETAIL AT EXISTING BUILDING FOUNDATION
3/4" = 1'-0"



10 TYPICAL DETAIL AT MOVEABLE WALL FDN
3/4" = 1'-0"



1 TYPICAL SLAB-ON-GRADE CONTROL JOINT DETAILS AT COLUMN
3/4" = 1'-0"



9 TYPICAL DETAIL AT BUILDING FOUNDATION
3/4" = 1'-0"

SHAPE

STUDIO H ARCHITECTURE • PLANNING • ENVIRONMENTS
364 NELSON ST. SW, SUITE #5 • ATLANTA, GA 30313

SYKES
CONSULTING, INC.

1175 PEACHTREE STREET N.E.
100 COLONY SQUARE, SUITE 2300
ATLANTA, GEORGIA 30361-6305

PERMIT SET
ISSUED FOR CONSTRUCTION

ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs/PERMIT SET	06/04/2021

FINAL CONSTRUCTION
DOCUMENTS

E.P.H.A. OFFICE
RENOVATION

3056 Norman Berry Dr. East Point, GA 30344

TYPICAL FOUNDATION
DETAILS

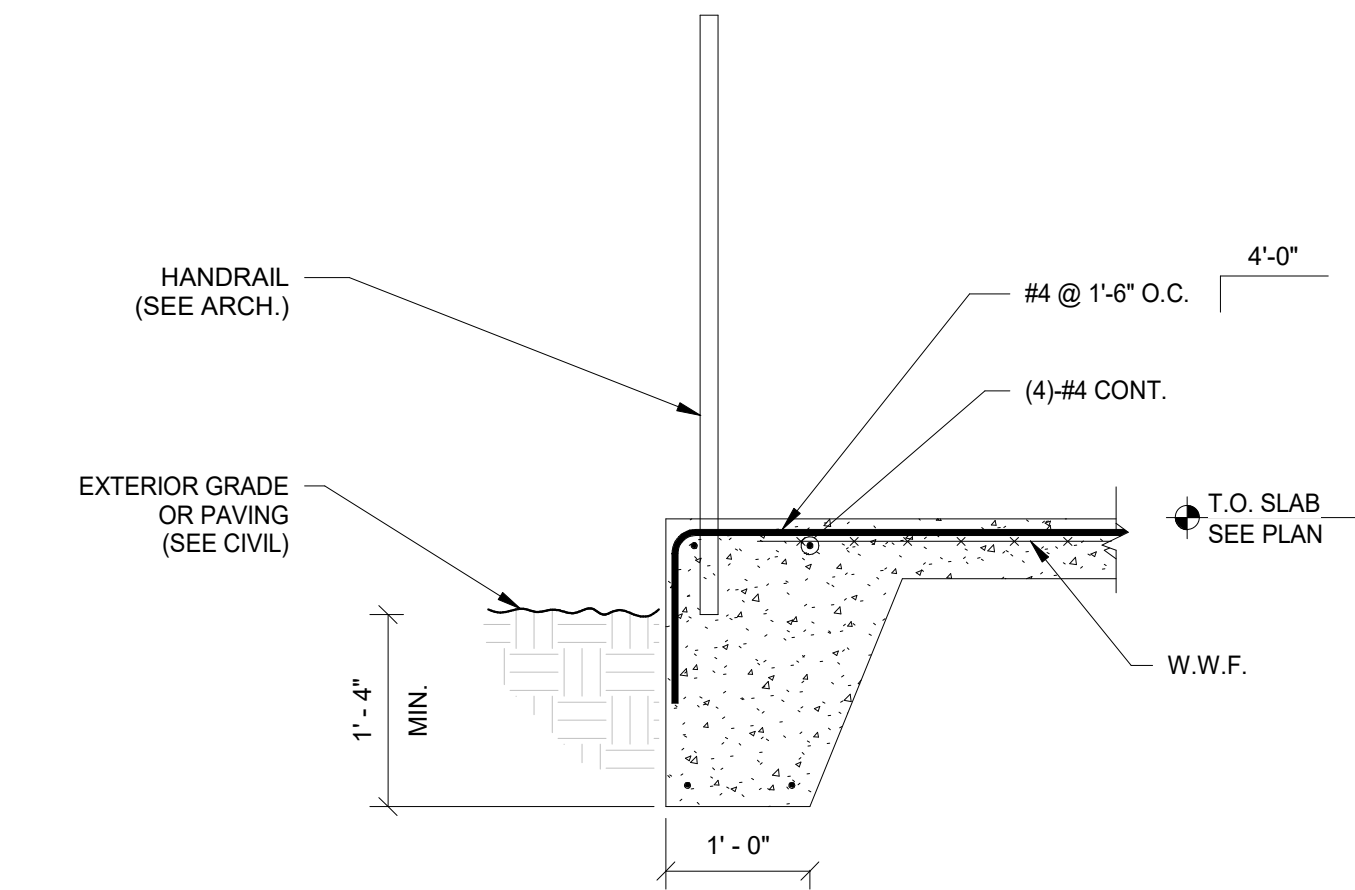
RQ 20013.00
Drawn By Project No.
MK 06-04-2021
Approved By Date



S301

Drawing No.

PROJECT NUMBER: 20013.00 PROJECT NAME: E.P.H.A. OFFICE RENOVATION
SHEET NUMBER: S302 - TYPICAL FOUNDATION DETAILS
C:\Users\mkigudde\Documents\R19_East Point Housing Authority Office Renovation (Struct)_Sykes-4.rvt
6/4/2021 7:46:28 PM



④ TYPICAL DETAIL AT EXTERIOR DECK
3/4" = 1'-0"

BASE PLATE & ANCHOR ROD SCHEDULE										
BASE PLATE MARK	FIGURE #	BASE PLATE						ANCHOR ROD		WELD
		A	B	C	D1	D2	D3	E	F	
BP1	1	3/4"	14"	14"	5"	5"	N/A	3/4"	12"	5/16"

- NOTES:
1. USE OVERSIZED HOLES IN BASE PLATES FOR ANCHOR RODS ACCORDING TO AISC.
 2. PLATE WASHERS SHALL BE INSTALLED OVER OVERSIZED HOLES.
 3. THE HOLE IN THE PLATE WASHER SHALL BE 1/16" LARGER THAN THE ANCHOR ROD DIAMETER.
 4. TACK WELD THE HEAVY HEX NUT AT THE BASE OF THE THREADED ANCHOR ROD TO PREVENT ANCHOR WITHDRAWAL.
 5. FABRICATOR TO LENGTHEN BASEPLATE DIMENSION ON BRACE SIDE OF COLUMN AS REQUIRED TO FACILITATE THE FIT OF OPTIMALLY SIZE GUSSET PLATE.
 6. COORDINATE BASE PLATE ORIENTATION WITH PLANS AND DETAILS.

② BASE PLATE AND ANCHOR ROD
SCHEDULE
3/4" = 1'-0"

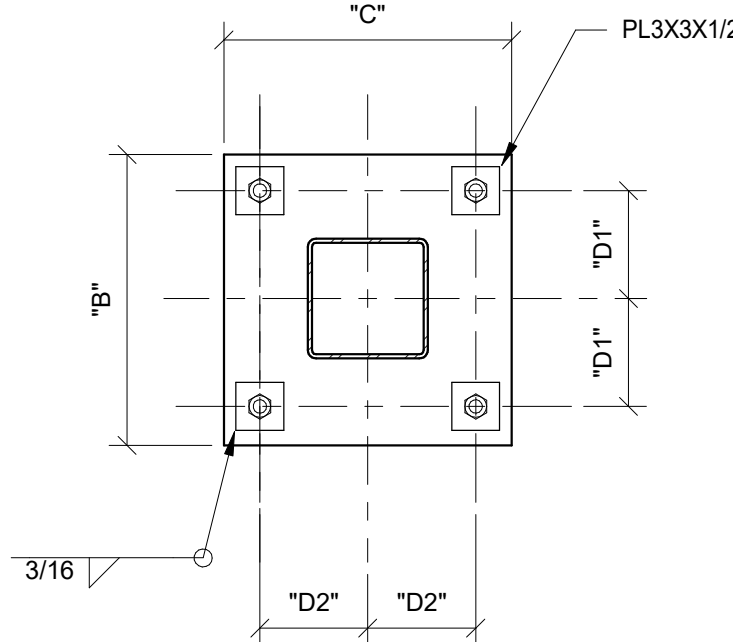
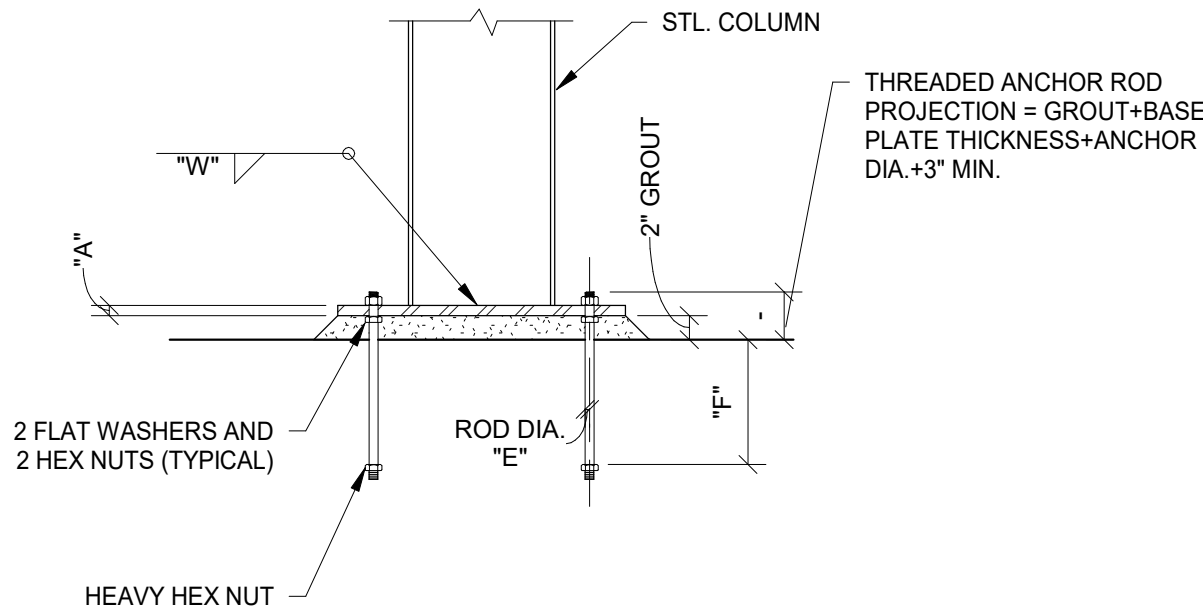


FIGURE 1

SHAPE

STUDIO H ARCHITECTURE • PLANNING • ENVIRONMENTS
364 NELSON ST. SW, SUITE #5 • ATLANTA, GA 30313

SYKES

CONSULTING, INC.

1175 PEACHTREE STREET N.E.
100 COLONY SQUARE, SUITE 2300
ATLANTA, GEORGIA 30361-6305

PERMIT SET
ISSUED FOR CONSTRUCTION

ISSUANCES		
No.	Drawing Issue Description	Date
	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs/PERMIT SET	06/04/2021

FINAL CONSTRUCTION
DOCUMENTS

E.P.H.A. OFFICE
RENOVATION

3056 Norman Berry Dr. East Point, GA 30344

TYPICAL FOUNDATION
DETAILS

RQ

Drawn By

MK

Approved By

20013.00

Project No.

06-04-2021

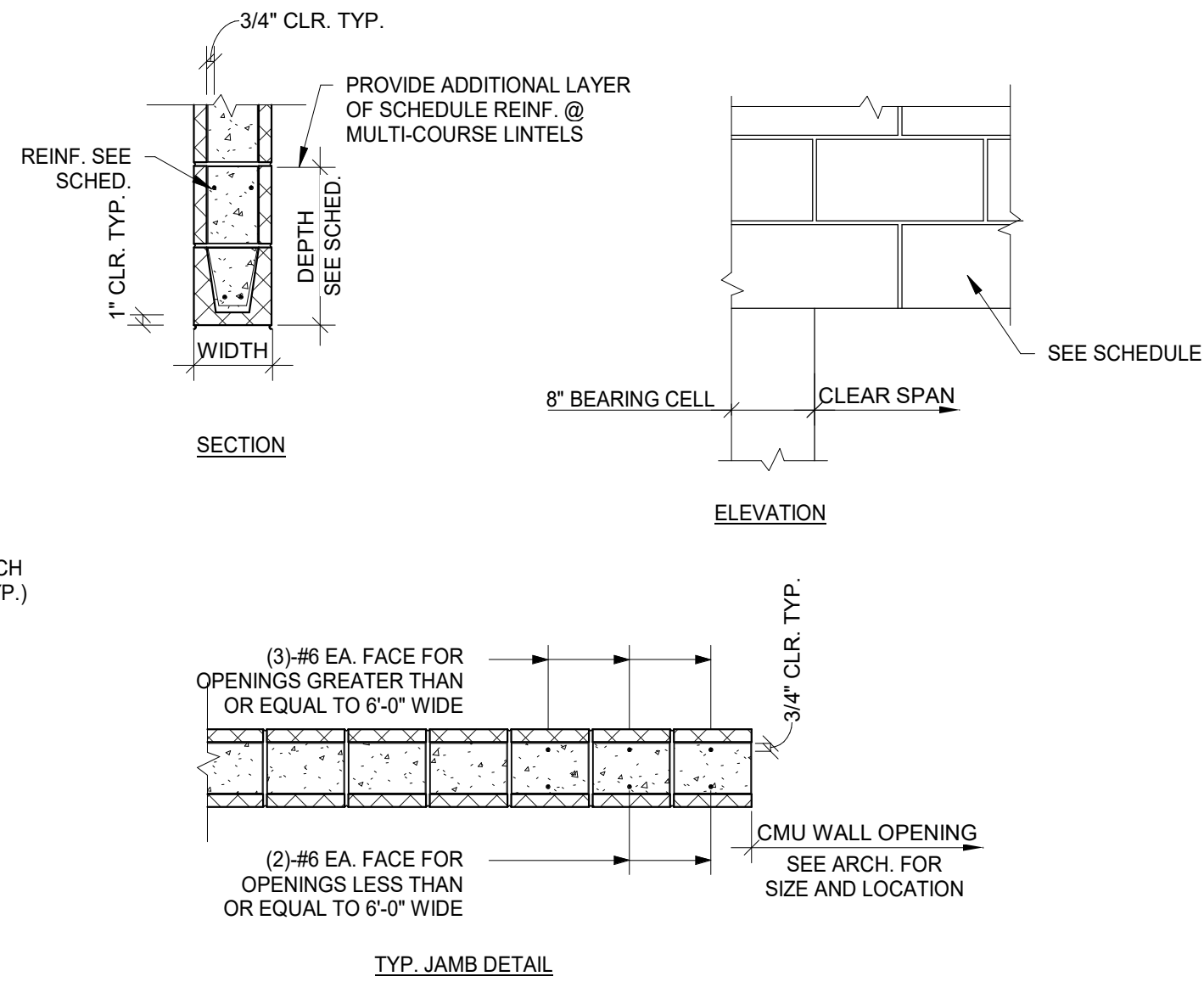
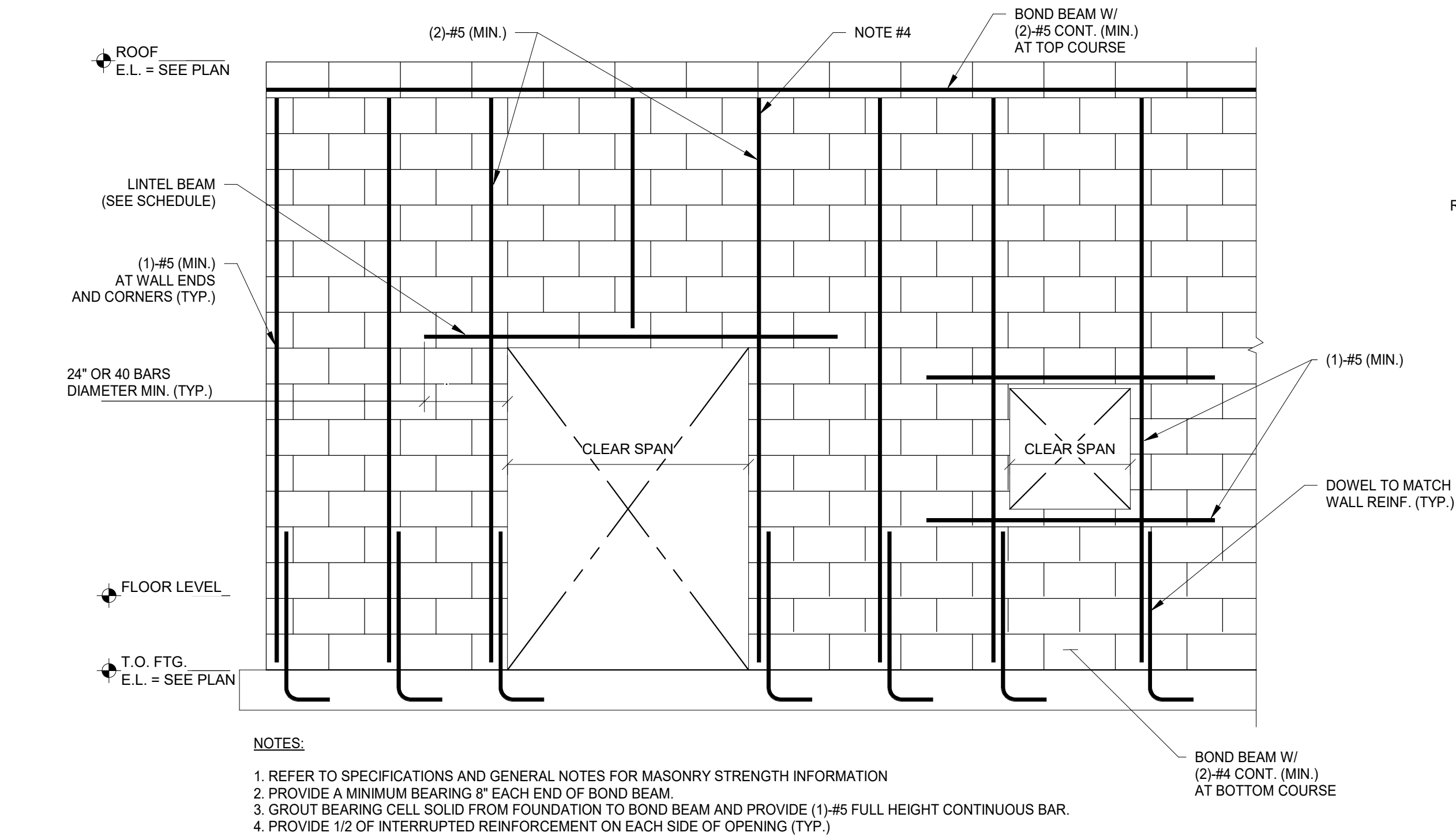
Date

GEORGIA
REGISTERED
No. 26702
PROFESSIONAL
ENGINEER
MARTIN S. KIGUDDE

S302

Drawing No.

PROJECT NUMBER: 20013.00 PROJECT NAME: E.P.H.A. OFFICE RENOVATION
SHEET NUMBER: S401 - MASONRY DETAILS
C:\Users\mkigudde\Documents\R19_East Point Housing Authority Office Renovation (Struct)_Sykes-4.rvt
6/4/2021 7:46:28 PM



BRICK & 4" CMU LINTEL SCHEDULE	
UP TO 4'-0"	L 4 x 4 x 3/8
4'-1" TO 10'-0"	L 6 x 4 x 3/8 (L.L.V.)

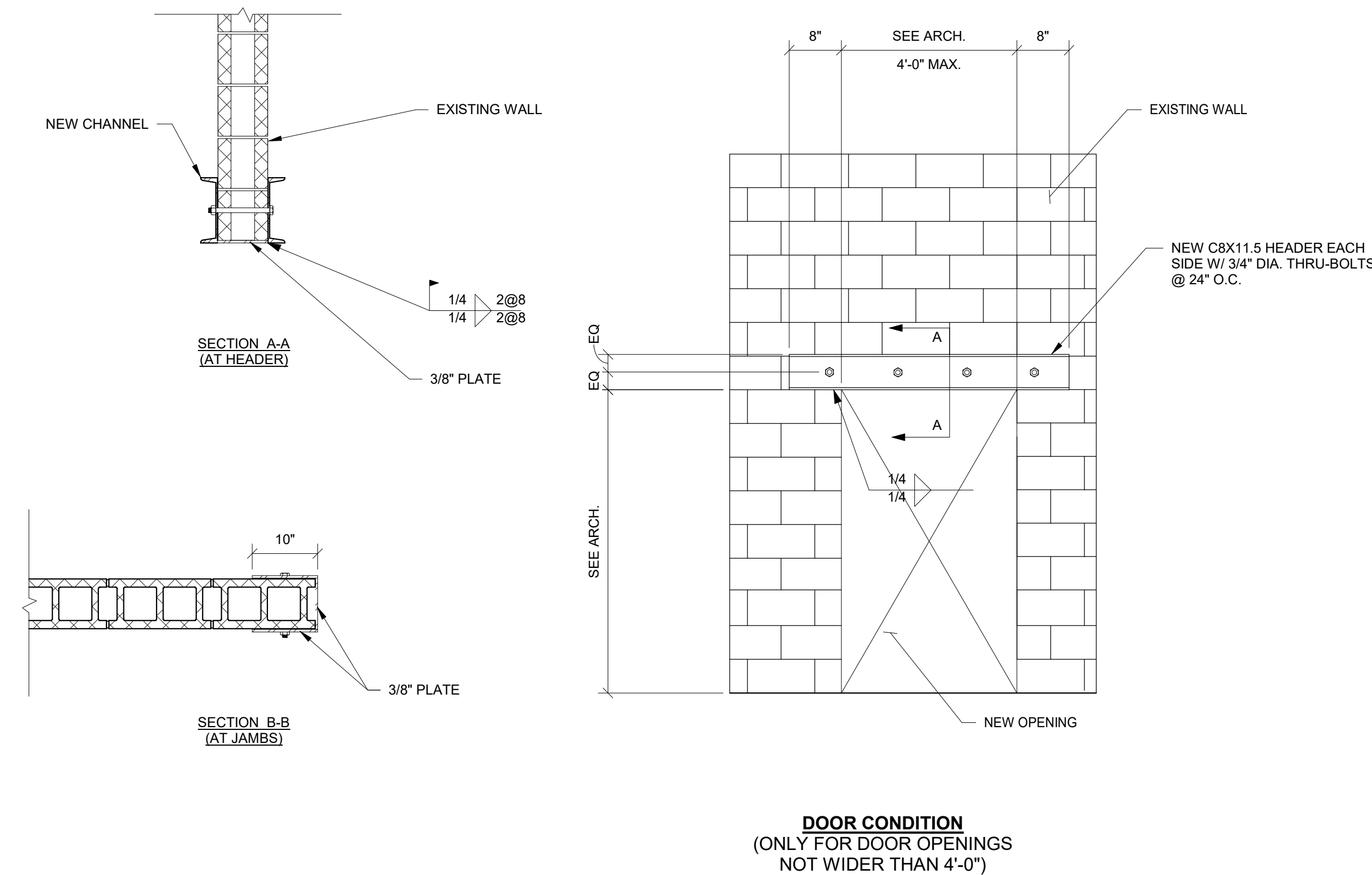
NOTE: BEAR LINTEL 6" ON EITHER SIDE OF OPENING.

CONCRETE MASONRY LINTEL SCHEDULE				
CLEAR SPAN	8" BLOCK		12" BLOCK	
	LINTEL DEPTH	REINF. (BOTT)	LINTEL DEPTH	REINF. (BOTT)
UP TO 6'-0"	8"	2 #5	8"	2 #6
6'-1" TO 7'-0"	8"	2 #6	8"	2 #7
7'-1" TO 12'-0"	16"	2 #6	16"	2 #7

LINTEL SCHEDULE NOTES

1. SEE TYP. SCHEMATIC C.M.U. WALL OPENING ELEVATION FOR ADDITIONAL INFO.
2. LINTELS SUPPORT WEIGHT OF WALL ONLY. NO SUPERIMPOSED LOADS.
3. USE MIN. 2500 PSI GROUT IN LINTEL BLOCK.
4. MINIMUM BEARING 8" EACH END.
5. GROUT BEARING CELL SOLID FROM FOUND. TO FRAMING ABOVE & PROVIDE (1) #5 FULL HEIGHT CONTINUOUS BAR.

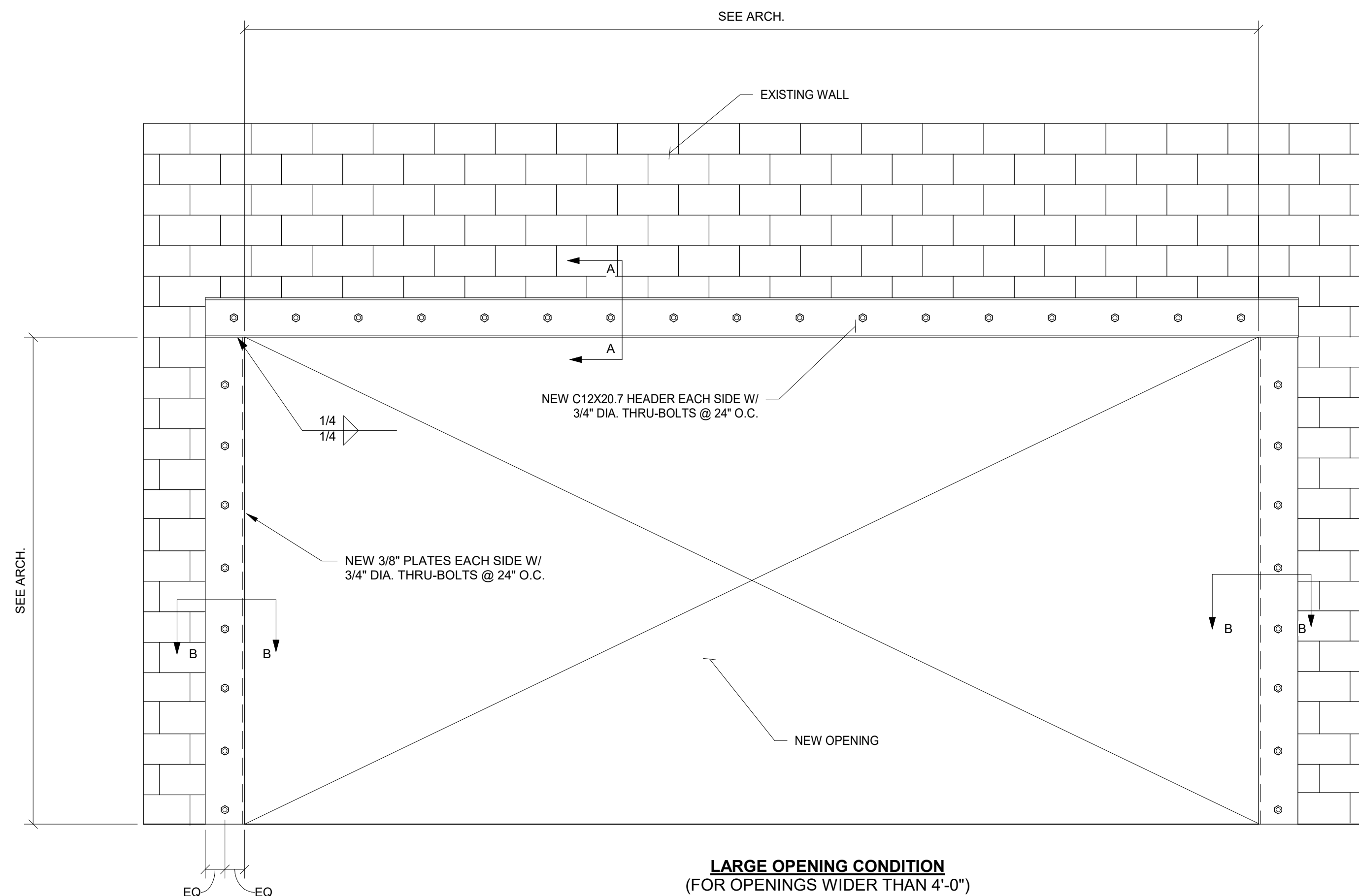
4 TYPICAL NON LOAD-BEARING MASONRY WALL REINFORCING LINTEL SCHEDULES
3/4" = 1'-0"



NOTES:

1. SEE ARCHITECTURAL DRAWING FOR SIZE AND LOCATIONS ON NEW WALL OPENINGS.
2. INSTALL HEADER CHANNEL PRIOR TO DEMOLISHING WALL FOR NEW OPENING.

12 DETAIL AT NEW OPENING IN EXISTING CMU WALL
3/4" = 1'-0"



**PERMIT SET
ISSUED FOR CONSTRUCTION**

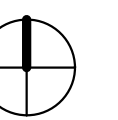
ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs/PERMIT SET	06/04/2021

**FINAL CONSTRUCTION
DOCUMENTS**

**E.P.H.A. OFFICE
RENOVATION**

3056 Norman Berry Dr. East Point, GA 30344

MASONRY DETAILS



RQ	20013.00
Drawn By	Project No.
MK	06-04-2021
Approved By	Date

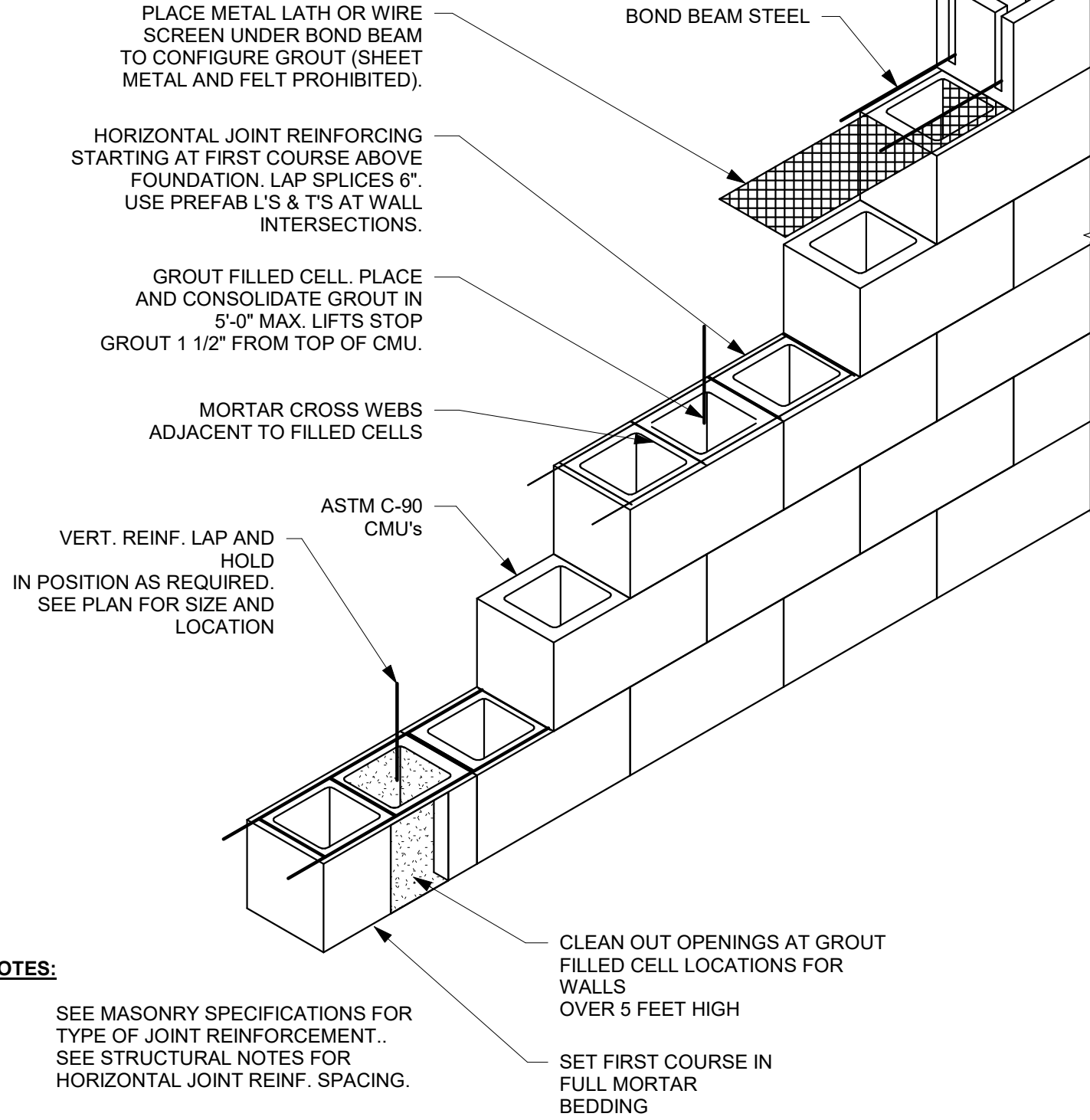


S401

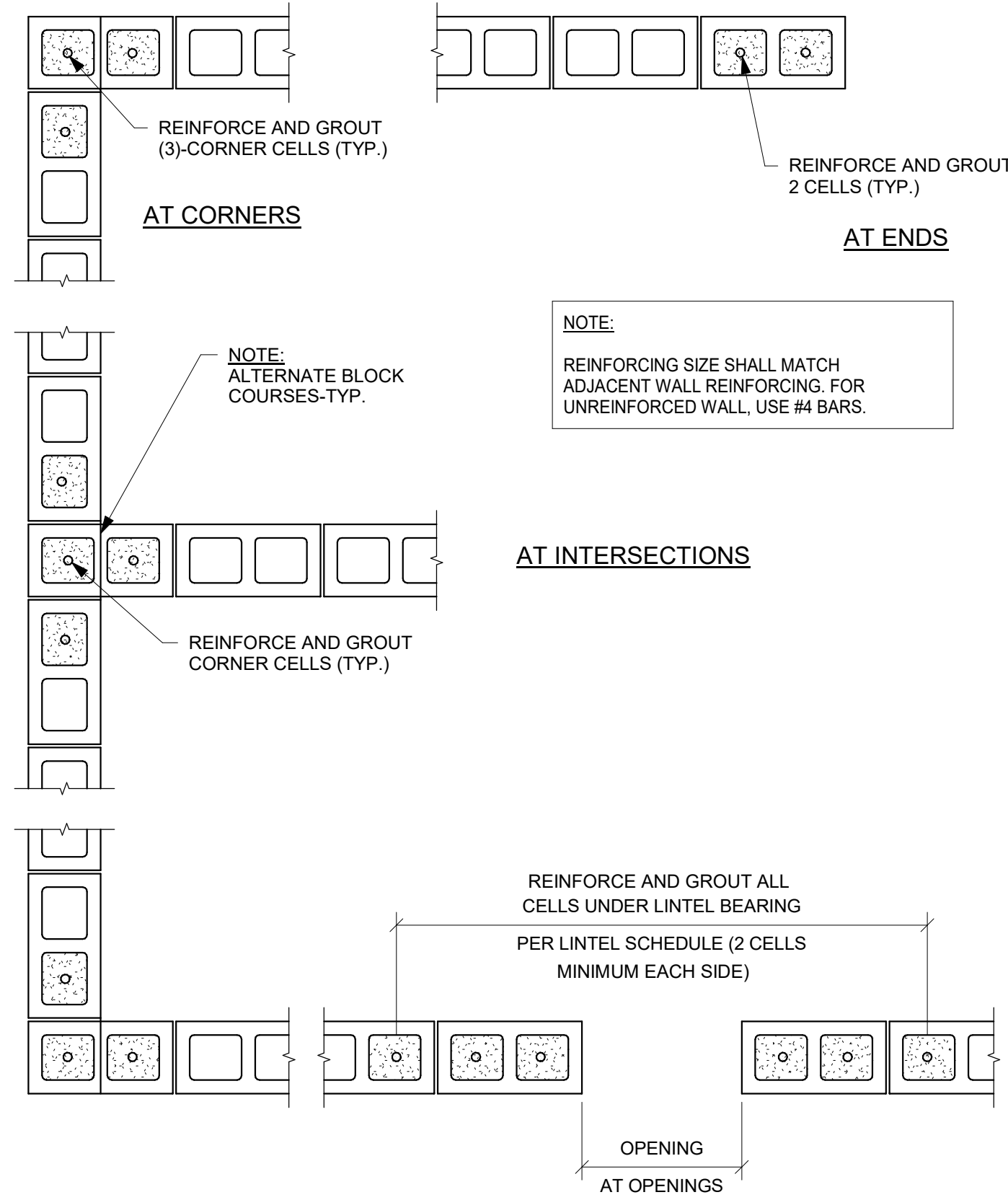
Drawing No.

PROJECT NUMBER: 20013.00 PROJECT NAME: E.P.H.A. OFFICE RENOVATION
SHEET NUMBER: S402 - MASONRY DETAILS
C:\Users\mkigudde\Documents\R19_East Point Housing Authority Office Renovation (Struct)_Sykes-4.rvt
6/4/2021 7:46:28 PM

2 TYPICAL CMU WALL CONSTRUCTION
1" = 1'-0"



1 TYP. REINFORCING AT NONLOAD-BEARING CMU WALLS
1" = 1'-0"



SHAPE

STUDIO **H** ARCHITECTURE • PLANNING • ENVIRONMENTS
364 NELSON ST. SW, SUITE #5 • ATLANTA, GA 30313

SYKES
CONSULTING, INC.

1175 PEACHTREE STREET N.E.
100 COLONY SQUARE, SUITE 2300
ATLANTA, GEORGIA 30361-6305

PERMIT SET
ISSUED FOR CONSTRUCTION

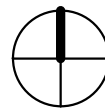
ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs/PERMIT SET	06/04/2021

FINAL CONSTRUCTION
DOCUMENTS

**E.P.H.A. OFFICE
RENOVATION**

3056 Norman Berry Dr. East Point, GA 30344

MASONRY DETAILS



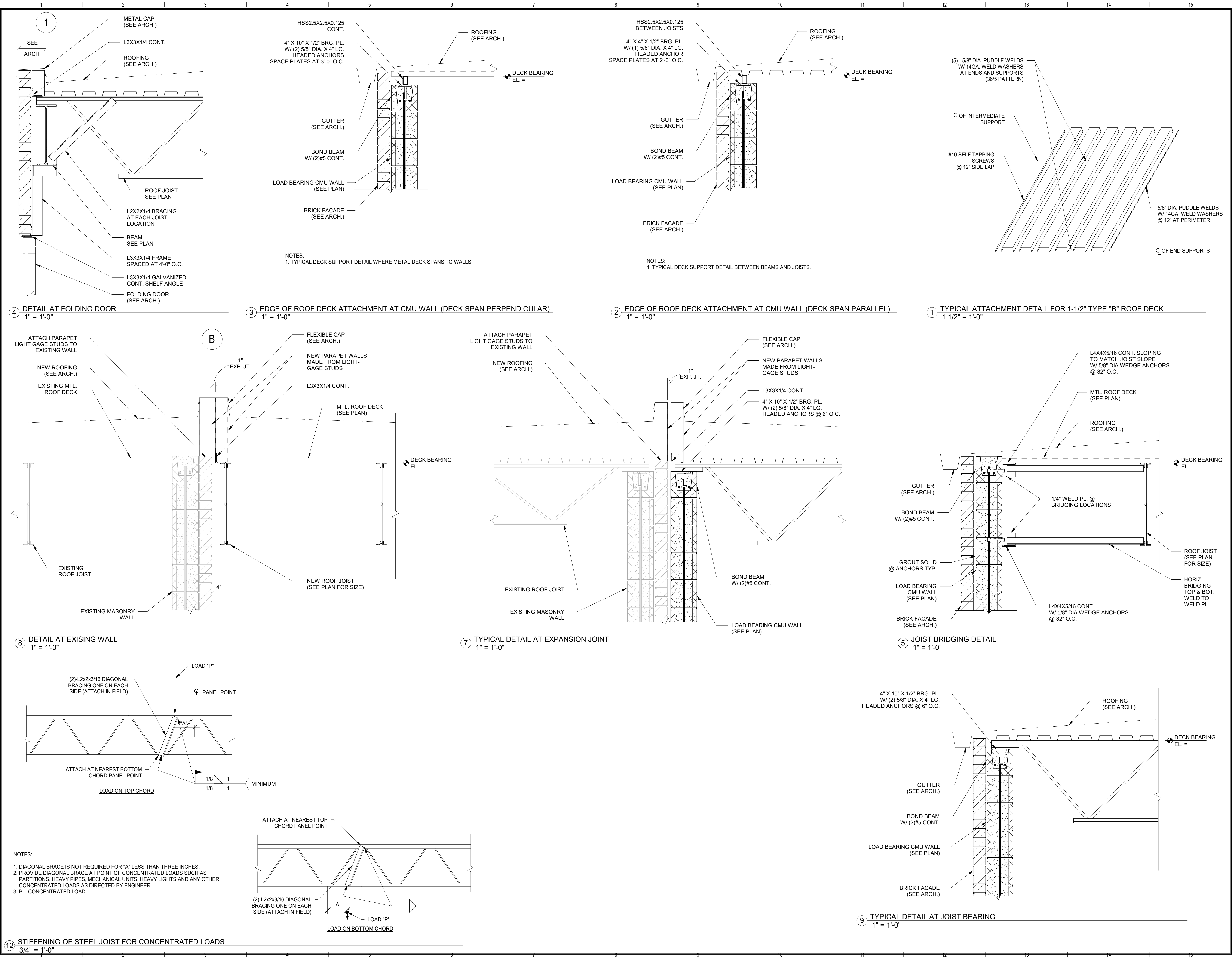
RQ	20013.00
Drawn By	Project No.
MK	06-04-2021
Approved By	Date



S402

Drawing No.

PROJECT NUMBER: 20013.00 PROJECT NAME: E.P.H.A. OFFICE RENOVATION
SHEET NUMBER: S501 - TYPICAL STEEL DETAILS
C:\Users\mkigudde\Documents\19_East Point Housing Authority Office Renovation (Struct)_Sykes-4.rvt
6/4/2021 7:46:29 PM



ISSUANCES		
No.	Drawing Issue Description	Date
1	FINAL CDs/PERMIT SET	06/04/2021

C:\Users\SHAPE_TECH7\Documents\R19_East Point Housing Authority Office Renovation_Tech7_SHAPE.rvt
PROJECT NUMBER: Project Number PROJECT NAME: E.P.H.A. OFFICE RENOVATION
SHEET NUMBER: A102 -
7/13/2020 7:00:54 PM

A/C GENERAL NOTES

- 1- DRAWINGS ARE DIAGRAMMATIC. DO NOT SCALE DRAWINGS FOR EXACT LOCATION OF EQUIPMENT, PIPING, DUCTWORK, ETC. THESE DRAWINGS ARE NOT INTENDED TO SHOW EVERY MINOR DETAIL, BUT THE CONTRACTOR SHALL FURNISH AND INSTALL ALL ITEMS REQUIRED FOR A COMPLETE AND ACCEPTABLE WORKING INSTALLATION.
- 2- ALL WORKMANSHIP AND MATERIALS SHALL BE IN STRICT ACCORDANCE WITH APPLICABLE NATIONAL, STATE, AND LOCAL CODES, RULES AND REGULATIONS. INSTALLATIONS OF THE NFPA, ASHRAE, AND SMACNA.
- 3- ALL MATERIALS SHALL BE NEW AND BEAR THE UL LABEL WHERE APPLICABLE.
- 4- PROVIDE THERMOSTAT CONTROLS ON ALL FANS THAT EXHAUST MECHANICAL AND ELECTRICAL ROOMS.
- 5- PROVIDE TURNING VANES IN ALL 90 DEGREE ELBOWS.
- 6- MOUNT THERMOSTAT SENSORS 5' ABOVE FINISHED FLOOR. ALL THERMOSTATS TO HAVE LOCK BOXES.
- 7- NON FIRE-RATED CEILING SUPPLY DIFFUSERS AND RETURN AIR GRILLES TO BE ALUMINUM. ALL SUPPLY DIFFUSERS SHALL HAVE OPPOSED BLADE DAMPERS.
- 8- ALL CUTTING, PATCHING, STRUCTURAL STEEL, WEATHER PROOFING, PAINTING AND WALL OPENINGS SHALL BE BY THE GENERAL CONTRACTOR.
- 9- ALL OPENINGS IN THE BUILDING STRUCTURE, FOR DUCTWORK, PIPING, ETC. TO BE 1/2" LARGER(ON ALL SIDES) THAN THE OUTSIDE DIMENSIONS. FILL VOIDS WITH FIRE RETARDANT SILICONE FOAM.(I.E CHASE-FOAM CTC PR-855 BY CHASE TECHNOLOGY CORP.)
- 10- PROVIDE SMOKE DETECTORS IN ALL SUPPLY AIR DUCTS FOR FANS AND AHU'S SERVING A COMMON PLENUM OF 2000 CFM OR ABOVE.
- 11- PROVIDE FIRE DAMPERS IN ALL DUCTS PENETRATING FIRE RATED WALLS, PARTITIONS, FLOORS OR ROOF SLABS.
- 12- PROVIDE INDEPENDENT TEST AND BALANCE OF ALL MECHANICAL EQUIPMENT AND AIR DEVICES, EXTRACTORS, DAMPERS, AHU'S, & FANS. PROVIDE FINAL BALANCING FOR ALL SYSTEMS TO THE SATISFACTION OF THE OWNER.
- 13- CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT TO INSTALL A COMPLETE AND OPERATING A/C SYSTEM.
- 14- CONTRACTOR TO PROVIDE ALL REQUIRED HVAC PERMITS.
- 15- CONTRACTOR SHALL PROVIDE EQUIPMENT OF THE CAPACITIES SCHEDULED ON PLAN.
- 16- COMPLY WITH NFPA-90A AND ALL APPLICABLE CODES. THIS IS THE CONTRACTOR'S RESPONSIBILITY.
- 17- SUPPLY, EXHAUST, OUTSIDE AND ANY EXPOSED AIR DUCTWORK SHALL BE SHEET METAL CONSTRUCTION, INSTALLED IN ACCORDANCE WITH ASHRAE AND SMACNA STANDARDS. FLEX DUCT SHALL BE OMNI SERIES OR APPROVED EQUAL. FIBERGLASS DUCT IS ACCEPTABLE IN LIEU OF SHEET METAL DUCT.
- 18- HVAC CONTRACTOR SHALL PROVIDE ALL CONTACTORS, RELAYS AND THERMOSTATS. THE ELECTRICAL SUB-CONTRACTOR SHALL PROVIDE ALL SWITCHES, DISCONNECTS AND CONTROL WIRING. THERMOSTATS SHALL BE APPROVED BY EQUIPMENT MANUFACTURER.
- 19- ALL DUCT SIZES ARE CLEAR INSIDE DIMENSIONS.
- 20- PROVIDE FLEXIBLE DUCT CONNECTORS TO ALL FANS, A/C UNITS OR MECHANICAL EQUIPMENT.
- 21- PROVIDE MAINTENANCE AND OPERATION MANUALS ON ALL MECHANICAL EQUIPMENT OR SYSTEMS. PROVIDE FIVE SETS OF SUBMITTALS ON ALL HVAC EQUIPMENT.

DRAWING LIST

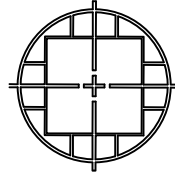
	SHEET #
MECHANICAL GENERAL NOTES	M001
MECHANICAL PLANS	M101
MECHANICAL SCHEDULE	M201
MECHANICAL DETAILS	M301

AC LEGEND AND ABBREVIATION

① ② NOTES ON DRAWINGS & SCHEDULES	→ DIRECTION OF FLOW	ⓘ THERMOSTAT	A.F.G. ABOVE FINISH GRADE
△ REVISIONS	▨ FLEXIBLE CONNECTION	Ⓢ SMOKE DETECTOR	MT. MOUNT
AHU AIR HANDLING UNIT	Ⓜ THERMOMETER	ⓂS HUMIDISTAT OR HUMIDITY SENSOR	MTD. MOUNTED
AD ACCESS DOOR (DUCT)	(0-60) PRESSURE GAUGE WITH GUAGE COCK (DIAL RANGE)	⬤ ELEVATION	U.O.N. UNLESS OTHERWISE NOTED
AP ACCESS PANEL (CEILING MOUNTED)	Ⓜ CEILING SUPPLY AIR DEVICE ARROW DENOTES DIRECTION OF THROW	Ⓜ ELECTRIC DUCT HEATER WITH CONTROL AND TERMINAL CABINET. (DASHED LINE INDICATES REQUIRED CLEARANCE SPACE)	WT. WATERTIGHT
AC PACKAGED TERMINAL AIR CONDITIONER	24X12 RECTANGULAR DUCT SIZE DESIGNATION. FIRST DESIGNATION IS SIDE SHOW	Ⓜ GATE VALVE	TYP. TYPICAL
AFF ELEVATION/ ABOVE FINISHED FLOOR	24X12 FLAT OVAL DUCT SIZE DESIGNATION	Ⓜ SWING TYPE CHECK VALVE	FIN. FINISH
BAS BUILDING AUTOMATION SYSTEM (CONTRACTOR)	TYPE 316 STAINLESS STEEL EXHAUST DUCT WITH ALL WELDED JOINTS AND FITTINGS	Ⓜ BUTTERFLY VALVE (TAPPED LUG BODY)	ETR EXISTING TO REMAIN
BE BOTTOM ELEVATION	TURNING VANES (NUMBER OF VANES SHALL BE BASED ON ACTURAL DUCT SIZE & NOT ON SCHEMATIC SYMBOL ON DRAWING)	Ⓜ BALL VALVE	R.E. REMOVE EXISTING
CE CENTERLINE	RETURN OR OUTSIDE AIR DUCT	Ⓜ VENTURI FLOW METER	R REMOVE
CH CHILLER	DISCHARGE OR SUPPLY DUCT	Ⓜ PRESSURE REDUCING VALVE	N NEW
CV CONTROL VALVE	EXHAUST FAN OR GRILLE	Ⓜ STRAINER	ETR EXISTING TO REMAIN
DH DUCT HEATER	FLEXIBLE DUCT CONNECTION	Ⓜ MOTORIZED 3 WAY VALVE	EXISTING
EA EXHAUST AIR	MANUAL VOLUME DAMPER	Ⓜ DOUBLE WALL DUCT MYLAR ENCAPSULATED K - 27	NEW
EF EXHAUST FAN	FIRE DAMPER WITH DUCT ACCESS DOOR	Ⓜ DUCT STATIC PRESSURE SENSOR	EXISTING TO BE REMOVED
FM FLOW MEASUREMENT VENTURI	DROP IN DIRECTION OF AIR FLOW	Ⓜ LIFT TYPE CHECK VALVE	
P PUMP	RISE IN DIRECTION OF AIR FLOW	Ⓜ PIPE REDUCER / INCREASER	
QA OUTDOOR AIR	FLEXIBLE AIR DUCT	Ⓜ PIPE WELL	
RA RETURN AIR	SPIN COLLAR WITH MANUAL DAMPER	Ⓜ EQUIPMENT DESIGNATION SYMBOL	
RBJ RUN BETWEEN JOISTS	AUTOMATIC DAMPER (MOTORIZED OR PNEUMATICALLY OPERATED AS NOTED)	Ⓜ DOOR UNDERCUT CFM AND AIR FLOW DIRECTION DESIGNATION	
RV ROOF VENTILATOR	GLOBE VALVE	Ⓜ SQUARE TO ROUND / OVAL TRANSITION	
SA SUPPLY AIR	TRANSITIONS. F.O.T. = FLAT ON TOP OR F.O.B. = FLAT ON BOTTOM		
SF SUPPLY FAN			
TB VARIABLE AIR VOLUME TERMINAL BOX			
C CONDENSATE DRAIN LINE			
CHS CHILLED WATER SUPPLY			
CHR CHILLED WATER RETURN			
S.A. SHOCK ABSORBER			
S.O.V. SHUT-OFF VALVE			
UNION JOINT			
FLANGE JOINT			
TEE - BRANCH OUT OF TOP			
TEE - BRANCH OUT OF BOTTOM			
ELBOW - UP			
ELBOW - DOWN			

HVAC DESIGN CHART

HVAC DESIGN REQUIRES:	YES	NO
DUCT SMOKE DETECTOR		✓
FIRE DAMPER(S)		✓
SMOKE DAMPER(S)		✓
FIRE RATED ENCLOSURE		✓
FIRE RATED ROOF/FLOOR		✓
FIRE RATED CEILING ASSEMBLY		✓
FIRE STOPPING		✓
SMOKE CONTROL		✓



HAMMOND ENGINEERING, INC
www.Hammondengineers.com
6961 PEACHTREE INDUSTRIAL BLVD. #208
NORCROSS, GEORGIA, 30092
TEL: (678)292-6937
CONTACT: ERIC HAMMOND, PE # 042812

SEAL



PERMIT SET
ISSUED FOR CONSTRUCTION

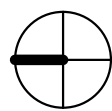
ISSUANCES		
No.	Drawing Issue Description	Date
	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs / PERMIT SET	06/04/2021

100% PERMIT SET

E.P.H.A. OFFICE
RENOVATION

3056 NORMAN BERRY DRIVE
EAST POINT, GEORGIA 30344

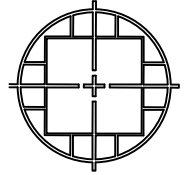
MECHANICAL GENERAL NOTES



HA	Project Number
Drawn By	Project No.
E.H.	06/04/21
Approved By	Date

M001

Drawing No.



HAMMOND ENGINEERING, INC
www.hammondengineers.com
6961 PEACHTREE INDUSTRIAL BLVD. #208
NORCROSS, GEORGIA, 30092
TEL: (678)292-6937
CONTACT: ERIC HAMMOND, PE # 042812

SEAL



PERMIT SET
ISSUED FOR CONSTRUCTION

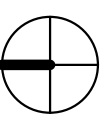
ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs / PERMIT SET	06/04/2021

100% PERMIT SET

E.P.H.A. OFFICE RENOVATION

3056 NORMAN BERRY DRIVE
EAST POINT, GEORGIA 30344

MECHANICAL FLOOR PLAN



HA _____ Project Number _____
Drawn By _____ Project No. _____
E.H. _____ 06/04/21
Approved By _____ Date _____

M101

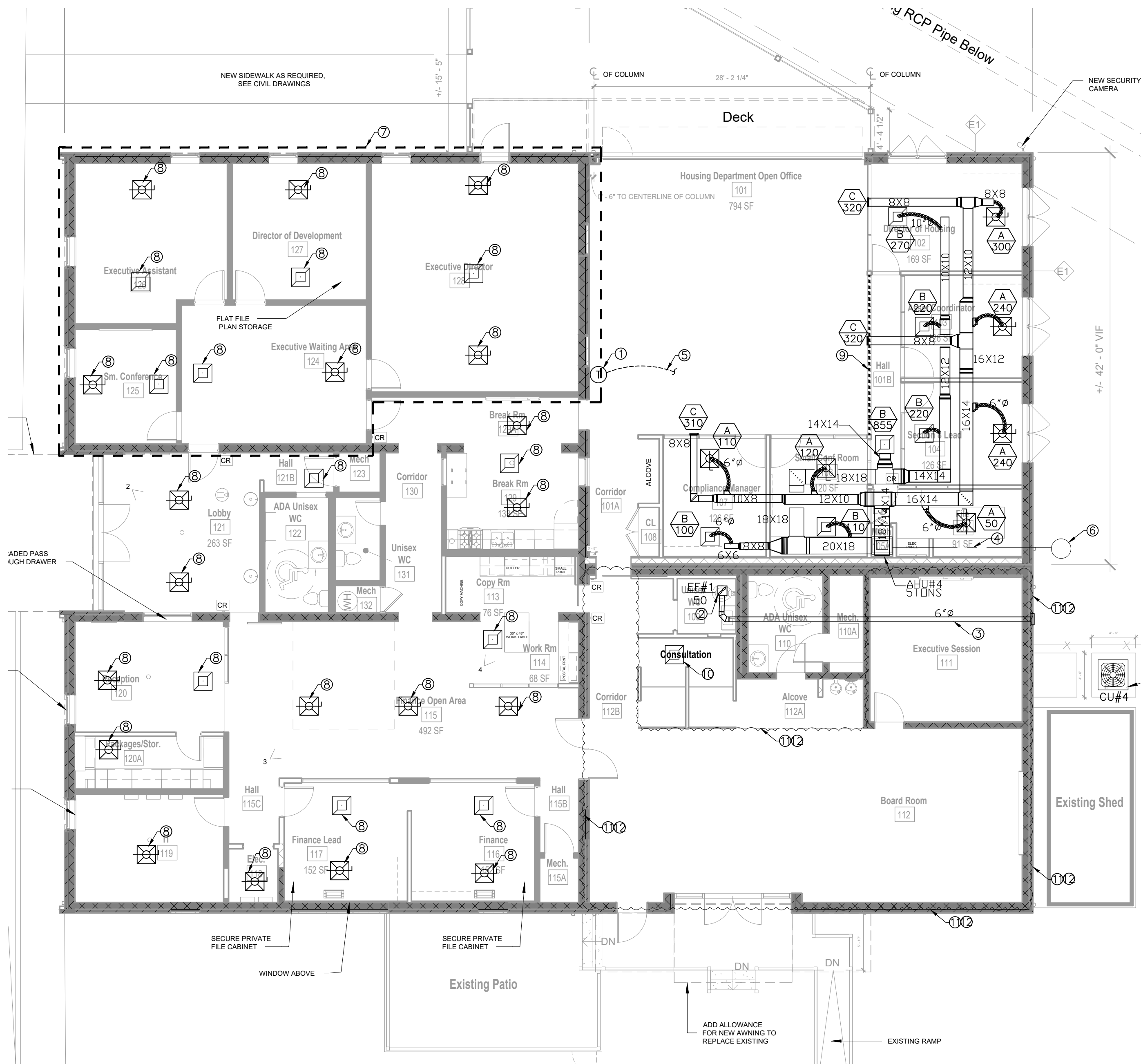
Drawing No.



1 MECHANICAL DEMOLITION RCP PLAN - Level 1
1/8" = 1'-0"

MECHANICAL DEMOLITION KEY NOTES:

- (A) EXISTING GRILL TO BE REMOVED AND RELOCATE/ REPLACED WITH NEW IF NECESSARY.



1 MECHANICAL FLOOR PLAN - Level 1
1/8" = 1'-0"

MECHANICAL KEY NOTES:

- LOCATION OF REMOTE BULB THERMOSTAT.
- EXHAUST FAN (EF-1), HUNG IN CEILING WITH 6X6 EXHAUST DUCT IN CEILING.
- 6X6 EXHAUST DUCT FROM CEILING TO WALL CAP.
- 3/4" CONDENSATE LINE TO THE DRYWELL.
- CONNECT TO AHU#4
- DRYWELL
- EXISTING DIFFUSERS TO BE REMOVED AND REPLACED WITH NEW.
- FUTURE DIFFUSERS LOCATIONS FOR NEXT PHASE OF PROJECT.
- SOFFIT WALL ABOVE.
- GRILL SHALL CONFECT TO EXISTING RETURN DUCT.
- EXISTING GRILL TO BE REMOVED AND RELOCATE/ REPLACED WITH NEW IF NECESSARY COORDINATE LOCATION WITH ARCHITECT.
- PROVIDE AND INSTALL NEW SUPPLY AND RETURN DUCT TO CONNECT RELOCATED/REPLACED AND NEW GRILLS IF NECESSARY.

C:\Users\SHAPE_TECH7\Documents\RP19_East Point Housing Authority Office Renovation_Tech7_SHAPE.DE.rvt
PROJECT NUMBER: Project Number PROJECT NAME: E.P.H.A. OFFICE RENOVATION
SHEET NUMBER: A102 -
7/13/2020 7:00:54 PM

EXHAUST FAN SCHEDULE									
LABEL	AREA SERVED	MANUFACTURER & MODEL NUMBER	CFM	SP	MOUNTING ARRANGEMENT	WATT/ HP	RPM	VOLTAGE	NOTES
EF-1	BATHROOM #1	GREENHECK SP0511W	50	0.125	CABINET - CEILING	11	820	115V,1P	ⓈⓈⓈ
① THERMOSTAT CONTROLLED ② SWITCH W/ LIGHTS ③ W/ BACK DRAFT DAMPER. ④ CONTINUOUS. ⑤ BELT DRIVEN ⑥ SPEED CONTROLLER									
⑦ INTERLOCK W/ AC ⑧ MOTORIZED DAMPER ⑨ INTERLOCK W/ FIRE SUPPRESSION SYSTEM									

SUPPLY & RETURN DISTRIBUTION SCHEDULE				
TAG	DESIGN CFM	NECK SIZE	FACE SIZE	GRILLE TYPE
A	000-110	6ø	24x24	SUPPLY DIFFUSER BASIS OF DESIGN: TITUS TDCA-AA COLOR: VERIFY W/ARCHITECT MATERIAL: ALUMINUM OPPOSED BLADE DAMPERS: NO BACK PAN SIZE: 18x18
	111-240	8ø	24x24	
	241-420	10ø	24x24	
	421-620	12ø	24x24	
B	000-110	6x6	24x24	RETURN GRILLE BASIS OF DESIGN: TITUS 50F COLOR: VERIFY W/ARCHITECT MATERIAL: ALUMINUM OPPOSED BLADE DAMPERS: NO
	111-220	8x8	24x24	
	221-350	10x10	24x24	
	351-530	12x12	24x24	
C	000-114	6x6	24x24	SUPPLY GRILLE (WALL) BASIS OF DESIGN: TITUS 301FL COLOR: VERIFY W/ARCHITECT MATERIAL: ALUMINUM OPPOSED BLADE DAMPERS: NO
	115-156	8x8	24x24	
	157-204	10x6	24x24	
	205-222	8x8	24x24	
	223-246	12x6	24x24	

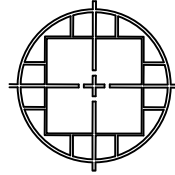
OUTSIDE AIR CALCULATION PER ASHRAE 62.1 2013						
UNIT: RTU-5 (SHOROOM/OFFICES)						
SPACE	Az	DENSITY PER 1000SF	Pz	Rp	Ra	Vbz (CFM)
101 OPEN OFFICE	928	5	10	5	0.06	106
102 DIRECTOR OF HOUSE	169	5	2	5	0.06	20
103 ASS. COORDINATOR	126	5	1	5	0.06	13
104 SECTION 8	126	5	2	5	0.06	18
105 FILE	90	NA	0	5	0.06	5
106 SMALL CONF. ROOM	125	50	3	5	0.06	23
107 COMPLIANCE MANAGER	126	5	2	5	0.06	18
109 UNISEX WC.	45	0	0	0	0	0
TOTAL	1735	TOTAL OUTSIDE AIR FOR RTU-5=				201
LEGEND						
Az = ZONE FLOOR AREA						
Pz = TOTAL # OF PEOPLE						
Rp = AIR FLOW RATE PER PERSON						
Ra= AIR FLOW RATE PER AREA						

AIR CONDITIONING SYSTEM SCHEDULE																														
AIR HANDLING UNIT														AIR-COOLED CONDENSING UNIT										SYSTEM						
UNIT NO.	TONS	MAKE	MODEL NO.	CFM	WEIGHT LBS	E.S.P.	FAN H.P.	FAN FLA	UNIT VOLTAGE	ELECTRIC HEATING	M.C.A	MAX FUSE	DIM. LXWXH.	MAKE	MODEL NO.	QTY.	FAN QTY.	FAN FLA	M.C.A	MAX FUSE	UNIT VOLTAGE	DIM. LXWXH.	WEIGHT	CAPACITY (MBTU)		UNIT SEER/EER	ENTERING AIR TEMP.	LEAVING AIR TEMP.		
																								TOTAL	SENS.					
AHU-4/ACCU-4	5	GOODMAN	AVPTC59D14	1990	155	.75	1	6.9	208-230/3/60	10.0 KW	53	60	21X24X54	GOODMAN	GSXC160601	1	2	2.8	31.4	50	208-230/3/60	35X35X42	304	47.5	31.1	14/-	79.6	67.7	56.7	55.6
NOTES																														
1. GOODMAN IS THE BASIS OF DESIGN.														8. ELECTRIC HEATER SECTION SHALL BE COMPLETE WITH ALL NECESSARY CONTROLS AND SAFETY FEATURES.																
2. UNIT PERFORMANCE SHALL BE CERTIFIED IN ACCORDANCE WITH AHRI STANDARD 440.														9. PROVIDE UNIT DISCONNECT.																
3. UNIT SHALL BE "UL/cUL" LISTED AND SHALL CONFORM TO NFPA 90A REQUIREMENTS.																														
4. REFER TO THE PLANS FOR PIPING SYSTEM PLACEMENT, RETURN AIR, FRESH AIR DAMPER & OUTLET ARRANGEMENTS.																														
5. PROVIDE MIXING BOX SECTION COMPLETE WITH MOTORIZED DAMPERS ON OUTSIDE AIR & RETURN AIR																														
6. PROVIDE FILTER SECTION TO HOUSE 4" CARTRIDGE MERV 13 STANDARD																														
7. PROVIDE ELECTRIC HEATING COIL SECTION OF SPECIFIED CAPACITY. COIL SHALL BE "UL" LISTED, NICKEL CHROMIUM WIRE, ENCLOSED FINNED TUBULAR																														

AIR BALANCE TABLE						
MARK	AREA SERVED	SUPPLY CFM	RETURN CFM	O/A CFM	EXHAUST CFM	BALANCE =(OA-EA)CFM
AHU#4	OFFICE/WORK	1990	1789	201	50	+151



STUDIO H ARCHITECTURE • PLANNING • ENVIRONMENTS
364 NELSON ST. SW, SUITE #5 • ATLANTA, GA 30313



HAMMOND ENGINEERING, INC
www.Hammondengineers.com
6961 PEACHTREE INDUSTRIAL BLVD. #208
NORCROSS, GEORGIA, 30092
TEL: (678)292-6937
CONTACT: ERIC HAMMOND, PE # 042812

SEAL



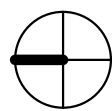
PERMIT SET
ISSUED FOR CONSTRUCTION

ISSUANCES		
No.	Drawing Issue Description	Date
ISSUED FOR PRICING		
1	FINAL CDs / PERMIT SET	06/04/2021

100% PERMIT SET

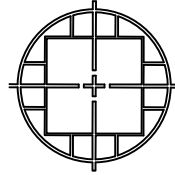
E.P.H.A. OFFICE
RENOVATION
3056 NORMAN BERRY DRIVE
EAST POINT, GEORGIA 30344

MECHANICAL SCHEDULE

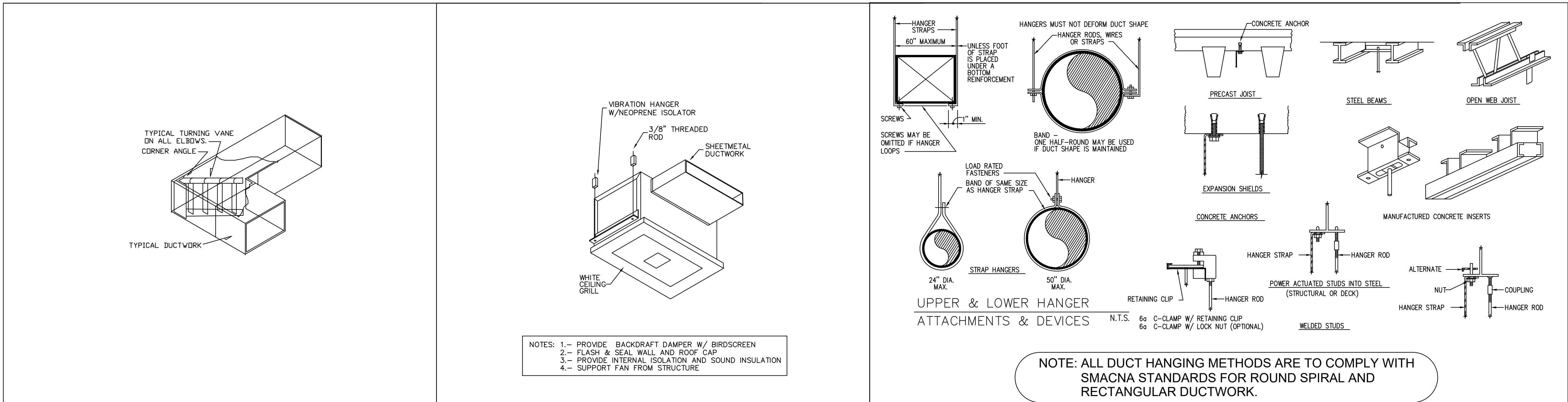


HA _____ Project Number _____
Drawn By _____ Project No. _____
E.H. _____ 06/04/21 _____
Approved By _____ Date _____

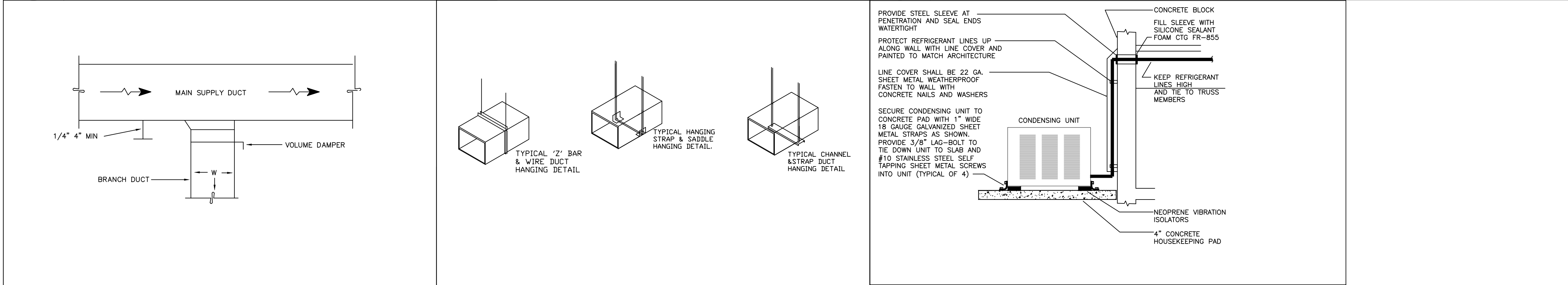
M201
Drawing No.

HAMMOND ENGINEERING, INC.
www.hammondengineers.com
6961 PEACHTREE INDUSTRIAL BLVD. #208
NORCROSS, GEORGIA, 30092
TEL: (678)292-6937
CONTACT: ERIC HAMMOND, PE # 042812

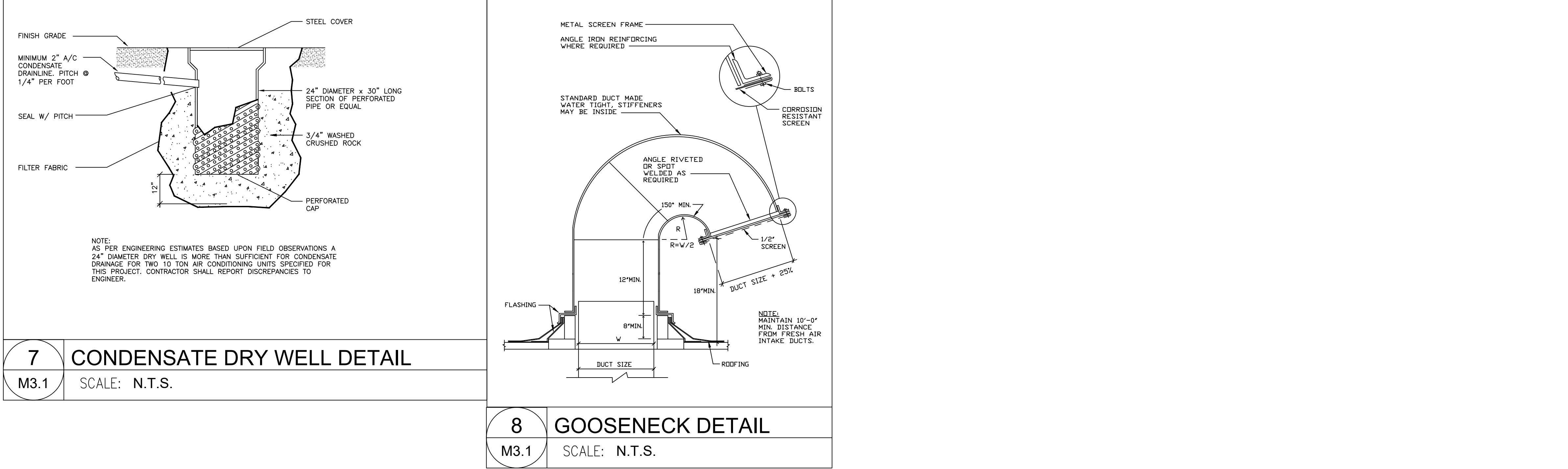
SEAL



1	ELBOW TURNING VANE DETAIL	2	CABINET CEILING FAN	3	DUCT HANGER DETAILS
M3.1	SCALE: N.T.S.	M3.1	SCALE: N.T.S.	M3.1	SCALE: N.T.S.



4	BRANCH DUCT TAKE-OFF DETAIL	5	HANGING DUCT DETAIL	6	CONDENSING UNIT MOUNTING DETAIL
M3.1	SCALE: N.T.S.	M3.1	SCALE: N.T.S.	M3.1	SCALE: N.T.S.



7	CONDENSATE DRY WELL DETAIL	8	GOOSENECK DETAIL
M3.1	SCALE: N.T.S.	M3.1	SCALE: N.T.S.

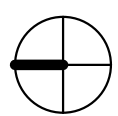
PERMIT SET
ISSUED FOR CONSTRUCTION

ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs / PERMIT SET	06/04/2021

100% PERMIT SET

E.P.H.A. OFFICE
RENOVATION
3056 NORMAN BERRY DRIVE
EAST POINT, GEORGIA 30344

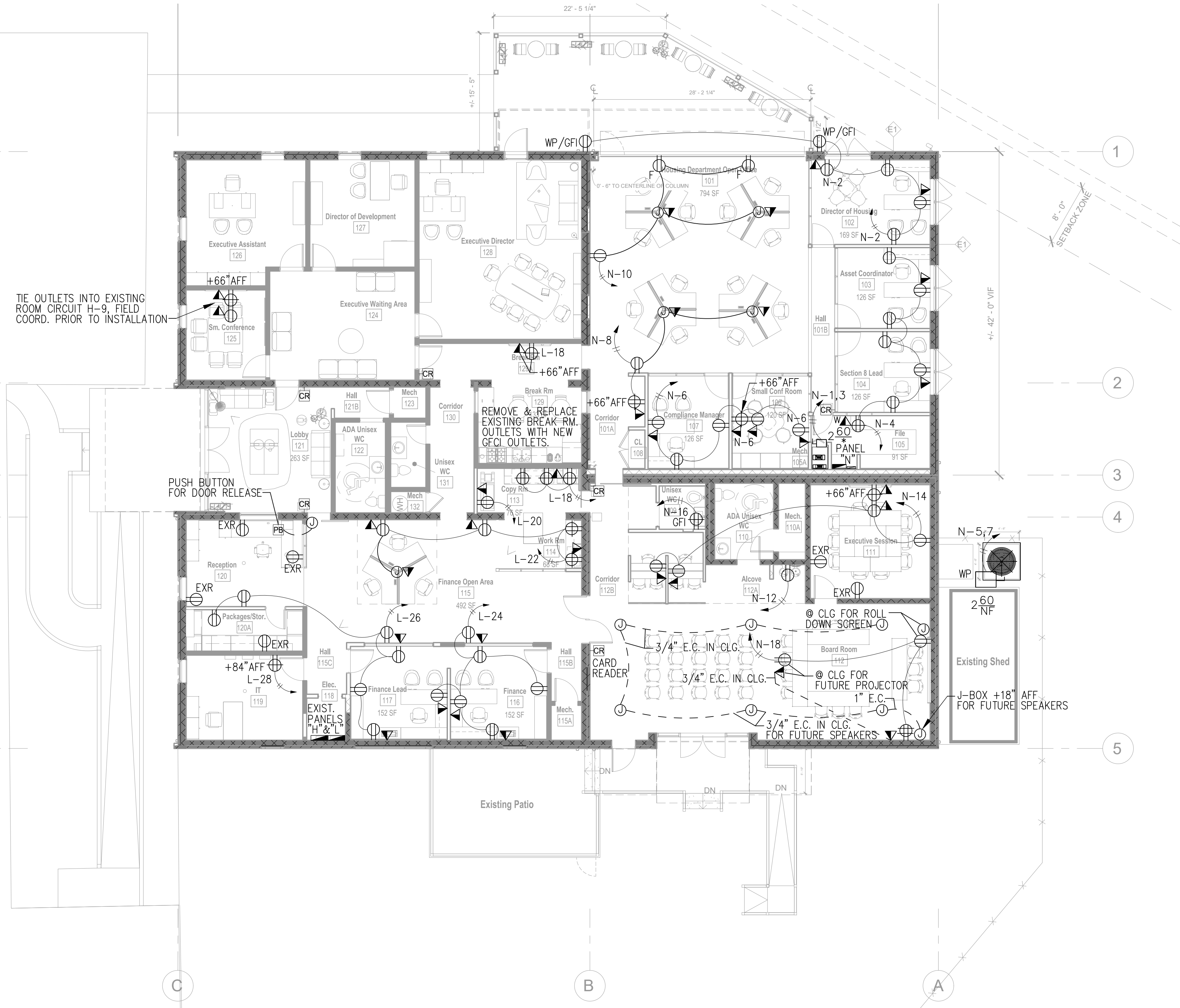
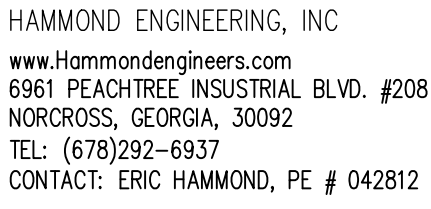
MECHANICAL DETAILS



HA	Project Number
Drawn By	Project No.
E.H.	06/04/21
Approved By	Date

M301

Drawing No.



1 ELECTRICAL POWER PLAN- Level 1
1/8" = 1'-0"

ISSUANCES		
No.	Drawing Issue Description	Date
	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs / PERMIT SET	06/04/2021

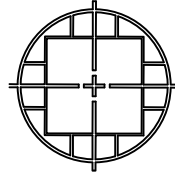
E.P.H.A. OFFICE RENOVATION

3056 NORMAN BERRY DRIVE
EAST POINT, GEORGIA 30344

HA	Project Number
Drawn By	Project No.
E.H.	06/04/21
Approved By	Date

E101

Drawing No.



HAMMOND ENGINEERING, INC
www.hammondengineers.com
6961 PEACHTREE INDUSTRIAL BLVD. #208
NORCROSS, GEORGIA, 30092
TEL: (678)292-6937
CONTACT: ERIC HAMMOND, PE # 042812

SEAL



PERMIT SET
ISSUED FOR CONSTRUCTION

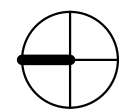
ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020
1	FINAL CDS / PERMIT SET	06/04/2021

100% PERMIT SET

E.P.H.A. OFFICE
RENOVATION

3056 NORMAN BERRY DRIVE
EAST POINT, GEORGIA 30344

ELECTRICAL LIGHTING PLAN

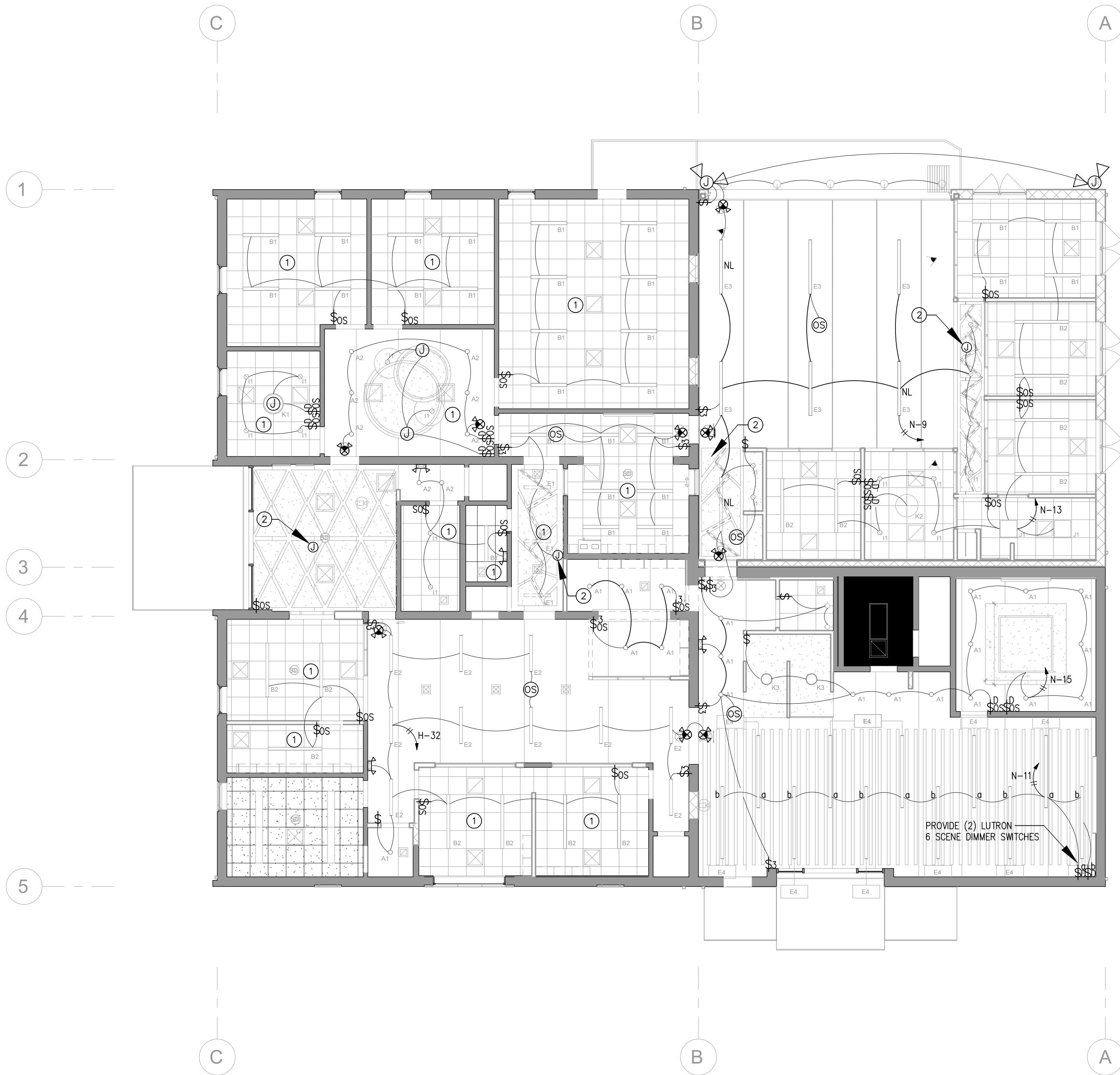


HA	Project Number
Drawn By	Project No.
E.H.	06/04/21
Approved By	Date

E102

Drawing No.

- NOTES:
- EXISTING FIXTURES TO BE REPLACED WITH NEW FIXTURES
TIE NEW FIXTURES TO EXISTING CIRCUITS IN THIS ROOM.
 - JUNCTION BOX MOUNTED IN CEILING FOR FUTURE INTERGRATED
CLOUD LIGHTING.



1 ELECTRICAL LIGHTING PLAN- Level 1
1/8" = 1'-0"

C:\Users\SHAPE_Tech7\Documents\R19_East Point Housing Authority Office Renovation_Tech7_SHAPE.rvt
PROJECT NUMBER: A102 -
SHEET NUMBER: A102 -
7/13/2020 7:00:54 PM

ELECTRICAL SYMBOL LEGEND

	LIGHTING FIXTURE TYPE		PANELBOARD (6'-0" AFF TO TOP)		PUSHBUTTON STATION, OPEN-STOP-CLOSE, MT 48" A.F.F. TO CENTERLINE
	FLUORESCENT LIGHT FIXTURE		DISTRIBUTION PANEL		TIMER CONTROLLER-MT. 5'-6" A.F.F. TO TOP
	FLUORESCENT STRIP (BARE LAMP)		DRY TYPE TRANSFORMER		PHOTOELECTRIC CONTROLLER
	LIGHT FIXTURE CEILING MOUNTED		TELEVISION CABLE OUTLET (18" A.F.F. TO CENTER)		CONTACTOR-MT. 5'-6" A.F.F. TO TOP
	WALL MOUNTED LIGHT FIXTURE		TELEPHONE OUTLET (18" A.F.F. TO CENTER)		THRU-BEAM PHOTOELECTRIC SENSOR, TRANSMITTER
	EXIT LIGHT - DIRECTIONAL ARROWS AS INDICATED		TELEPHONE OUTLET - FLUSH FLOOR MOUNTED		THRU-BEAM PHOTOELECTRIC SENSOR, RECEIVER
	EMERGENCY LIGHTING UNIT		PUBLIC TELEPHONE (48" A.F.F.)		OCCUPANCY SENSOR/WALL MTD. (PASSIVE INFRARED)
	EXIT SIGN / EMERGENCY LIGHT COMBINATION UNIT.		COMPUTER OUTLET (18" A.F.F. TO CENTER)		OCCUPANCY SENSOR/WALL MTD. (ULTRA SONIC)
	FLUORESCENT STRIP (BARE LAMP) - NIGHT LIGHT OR EMERGENCY LIGHT CIRCUIT.		COMPUTER OUTLET FLUSH FLOOR MOUNTED		OCCUPANCY SENSOR/WALL MTD.
	POLE MOUNTED FIXTURE-NO. OF LUMINAIRES AS INDICATED		HEAT DETECTOR		WALL MOUNTED SPEAKER
	DUPLEX RECEPT. - NEMA 5-20R (18" A.F.F. TO CENTER)		SMOKE DETECTOR		CEILING MOUNTED SPEAKER
	DUPLEX RECEPT. MOUNTED ABOVE COUNTER - NEMA 5-20R		FIRE ALARM SPEAKER		ELECTRONIC SECURITY SYSTEM (48" A.F.F.)
	DUPLEX RECEPT. - NEMA 5-20R (FLOOR MTD.)		FIRE ALARM PULL STATION (48" A.F.F. TO CENTER)		CLOCK (84" A.F.F. TO CENTER)
	QUAD RECEPT. - NEMA 5-20R (18" A.F.F. TO CENTER)		FIRE ALARM STROBE LIGHT (80" A.F.F.)		SECURITY CAMERA
	SPECIAL PURPOSE RECEPT (18" A.F.F. TO CENTER) RATING AS NOTED		FIRE ALARM HORN		CABLE TRAY
	SINGLE POLE SWITCH - 20 AMP (48" A.F.F. TO CENTER)		TAMPER SWITCH		JUNCTION BOX - FUTURE VIDEO CABLING
	THREE WAY SWITCH - 20 AMP (48" A.F.F. TO CENTER)		FLOW SWITCH		JUNCTION BOX - FUTURE AUDIO CABLING
	FOUR WAY SWITCH - 20 AMP (48" A.F.F. TO CENTER)		REMOTE TEST STATION FOR DUCT SMOKE DETECTOR		CEILING MOUNTED OCCUPANCY SENSOR
	DIMMER SWITCH (48" A.F.F. TO CENTER)		SHUT DOWN RELAY		DOOR SWITCH
	JUNCTION BOX		FIRE ALARM CONTROL PANEL		MOTOR (3 PHASE) NUMBER INDICATES HORSEPOWER
	MANUAL STARTER-MT. 5'-6" A.F.F. TO TOP U.O.N. P INDICATES PILOT LIGHT		REMOTE ANNUNCIATOR PANEL		MOTOR (1 PHASE)
	MAGNETIC STARTER (5'-6" A.F.F. TO TOP)		ELECTRIC HANDHOLE		
	FUSIBLE DISCONNECT SWITCH POLES, AMPS AND FUSES AS SHOWN NF INDICATES NON-FUSED				
		—US—UNDERGROUND SECONDARY			
		—UC—UNDERGROUND COMMUNICATIONS			
		—EUS—EXISTING UNDERGROUND SECONDARY			
		—EUC—EXISTING UNDERGROUND COMMUNICATIONS			
		—UC/US—COMBINED UNDERGROUND COMMUNICATIONS AND SECONDARY.			

ELECTRICAL NOTES

A. GENERAL PROVISIONS

1. THE WORK SHALL CONSIST OF FURNISHING LABOR, EQUIPMENT, AND MATERIALS TO PROVIDE THE COMPLETE INTEGRATED AND PROPER FUNCTIONS SYSTEMS AS SHOWN ON THE DRAWINGS.
2. ALL WORK SHALL BE DONE IN CONFORMANCE WITH THE 2014 EDITION OF THE NATIONAL ELECTRICAL CODE, ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS AND ORDINANCES, AND THE BIDS DESIGN AND MATERIAL STANDARDS.
3. ALL EQUIPMENT AND MATERIALS PROVIDED SHALL BE NEW AND IN CONFORMANCE WITH APPLICABLE PROVISIONS OF NEMA, ANSI, U.L., ETC.
4. THE ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF OTHER TRADES SO AS TO AVOID INTERFERENCES.
5. THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL LAYOUT OF ELECTRICAL SYSTEMS. FIELD VERIFICATIONS OF DIMENSIONS IS DIRECTED.
6. SECURE PERMITS AND INSPECTIONS REQUIRED BY STATE AND LOCAL LAWS AND ORDINANCES.
7. UPON COMPLETION OF THE WORK, FURNISH TO THE OWNER CERTIFICATES OF FINAL INSPECTIONS AND APPROVALS FROM AUTHORITIES HAVING JURISDICTION.

B. RACEWAYS

1. ALL WIRING SHALL BE INSTALLED IN APPROVED RACEWAYS.
2. MINIMUM CONDUIT SIZE SHALL BE 3/4" TRADE SIZE.
3. USE FLEXIBLE CONDUIT FOR SHORT FAN CONNECTIONS TO VIBRATING EQUIPMENT SUCH AS MOTORS AND TRANSFORMERS. LIQUID-TIGHT FLEXIBLE CONDUIT SHALL BE USED IN DAMP AND WET LOCATIONS.
4. EXPOSED CONDUITS SHALL BE RUN PARALLEL TO BUILDING LINES.
5. DO NOT INSTALL CONDUITS LARGER THAN 1/3 THE SLAB THICKNESS IN CONCRETE SLABS.
6. PROVIDE APPROVED FIRE STOPPING MATERIALS AT ALL PENETRATIONS THROUGH FIRE RATED FLOORS AND WALLS TO PREVENT THE PASSAGE OF SMOKE, FIRE, TOXIC GAS OR WATER THROUGH THE PENETRATION EITHER BEFORE, DURING OR AFTER A FIRE, AS REQUIRED BY ARTICLE 300-21 OF THE N.E.C.
7. PROVIDE CABLE SUPPORTS IN ACCORDANCE WITH ARTICLE 300 OF THE N.E.C.
8. PROVIDE EXPANSION FITTINGS IN CONDUIT STRUCTURAL EXPANSION JOINTS.

C. CONDUCTORS

1. ALL WIRING SHALL BE COPPER.
2. CONDUCTORS SHALL BE RATED 600V. WITH TYPE THIN INSULATION.
3. WIRES SIZE #10 AWG AND SMALLER SHALL BE STRANDED OR SOLID. WIRES SIZE #8 AND LARGER SHALL BE STRANDED.
4. MINIMUM CONDUCTORS SIZE SHALL BE #12 AWG.

D. SAFETY SWITCHES

1. SAFETY SWITCHES SHALL BE HEAVY DUTY TYPE FUSIBLE OR NON-FUSIBLE WITH POLES, AMPERE AND SERVICES RATINGS AS INDICATED ON THE PLANS. LUGS SHALL BE U.L. LISTED FOR CU. -AL.
2. ENCLOSURES FOR SAFETY SWITCHES SHALL BE NEMA 1, EXCEPT FOR SWITCHES MARKED "WP" (WEATHERPROOF) SHALL BE NEMA 3R.

E. FUSES

1. ALL FUSES SHALL HAVE A 200,000 AMP RMS SYMMETRICAL RATING UNLESS OTHERWISE NOTED.
2. FUSES RATED 0 TO 600 AMPS SHALL BE AS FOLLOWS:
 - a) CIRCUIT BREAKER PANEL PROTECTION-U.L. CLASS RK-1, DUAL ELEMENT(BUSSMANN "LOW PEAK" OR EQUAL).
 - b) MOTOR CIRCUIT PROTECTION-U.L. CLASS RK-5, DUAL ELEMENT (BUSSMANN "FUSETRON" OR EQUAL).
3. FUSES RATED 601 AMPS OR LARGER SHALL BE U.L. CLASS L TIME DELAY (BUSSMANN "HI-CAP" OR EQUAL).

EXISTING PANEL SCHEDULE

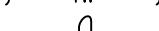
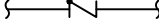
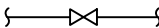
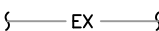
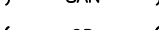
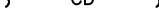
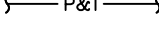
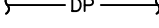
120/240 VOLT(S)			PHASE		3	WIRE	MAINS		500A MCB	FEED THRU LUGS	
CKT NO	SERVICE		POLES	CONN. LOAD (WATTS)		DEM. %	DEM. WATTS	COND.	WIRE		
	AMP TRIP	PILES		ØA	ØB						
1	50	2	EXISTING RANGE	EXIST		100	EXIST	EXIST	EXIST		
3					EXIST						
5	20	1	EXISTING FINANCE OFFICE	EXIST		100	EXIST	EXIST	EXIST		
7	20	1	EXISTING LIGHTS & RECEPITS	EXIST		100	EXIST	EXIST	EXIST		
9	20	1	EXISTING LIGHTS & RECEPITS	EXIST		100	EXIST	EXIST	EXIST		
11	20	1	EXISTING LIGHTS & RECEPITS	EXIST		100	EXIST	EXIST	EXIST		
13	20	1	EXISTING LIGHTS & RECEPITS	EXIST		100	EXIST	EXIST	EXIST		
15	20	1	EXISTING LIGHTS & RECEPITS	EXIST		100	EXIST	EXIST	EXIST		
17	20	1	EXISTING LIGHTS & RECEPITS	EXIST		100	EXIST	EXIST	EXIST		
19	20	1	EXISTING LIGHTS & RECEPITS	EXIST		100	EXIST	EXIST	EXIST		
21	20	1	EXISTING LIGHTS & RECEPITS	EXIST		100	EXIST	EXIST	EXIST		
23	20	1	EXISTING LIGHTS & RECEPITS	EXIST		100	EXIST	EXIST	EXIST		
25	20	1	EXISTING SERVER ROOM	EXIST		100	EXIST	EXIST	EXIST		
27	20	1	EXISTING SERVER ROOM	EXIST		100	EXIST	EXIST	EXIST		
29	20	1	EXISTING SERVER ROOM	EXIST		100	EXIST	EXIST	EXIST		
31	20	1	EXISTING LIGHTS	EXIST		100	EXIST	EXIST	EXIST		
33	20	1	EXISTING LIGHTS	EXIST		100	EXIST	EXIST	EXIST		
35	20	1	EXISTING LIGHTS	EXIST		100	EXIST	EXIST	EXIST		
37	20	1	EXISTING LIGHTS	EXIST		100	EXIST	EXIST	EXIST		
39	20	1	EXISTING LIGHTS	EXIST		100	EXIST	EXIST	EXIST		
41			SPACE			100	EXIST	EXIST	EXIST		
2	30	2	EXISTING SPARE	EXIST							
4					EXIST						
6	20	1	EXISTING LIGHTS & RECEPITS	EXIST		100	EXIST	EXIST	EXIST		
8	20	1	EXISTING LIGHTS & RECEPITS	EXIST		100	EXIST	EXIST	EXIST		
10	20	1	EXISTING LIGHTS & RECEPITS	EXIST		100	EXIST	EXIST	EXIST		
12	20	1	EXISTING LIGHTS & RECEPITS	EXIST		100	EXIST	EXIST	EXIST		
14	20	1	EXISTING KITCHEN HOOD	EXIST		100	EXIST	EXIST	EXIST		
16	20	1	EXISTING LIGHTS & RECEPITS	EXIST		100	EXIST	EXIST	EXIST		
18	20	1	EXISTING LIGHTS & RECEPITS	EXIST		100	EXIST	EXIST	EXIST		
20	20	1	EXISTING LIGHTS & RECEPITS	EXIST		100	EXIST	EXIST	EXIST		
22	20	1	EXISTING LIGHTS & RECEPITS	EXIST		100	EXIST	EXIST	EXIST		
24	20	1	EXISTING LIGHTS & RECEPITS	EXIST		100	EXIST	EXIST	EXIST		
26	20	1	EXISTING LIGHTS & RECEPITS	EXIST		100	EXIST	EXIST	EXIST		
28	20	1	EXISTING LIGHTS & RECEPITS	EXIST		100	EXIST	EXIST	EXIST		
30	20	1	EXISTING LIGHTS & RECEPITS	EXIST		100	EXIST	EXIST	EXIST		
32	20	1	OFFICE LIGHTING	800		100	EXIST	EXIST	EXIST		
34	20	1	EXISTING SPARE	EXIST		100	EXIST	EXIST	EXIST		
36	20	1	EXISTING GATE	EXIST		100	EXIST	EXIST	EXIST		
38	20	1	EXISTING FLAG POLE	EXIST		100	EXIST	EXIST	EXIST		
40			SPACE								
42			SPACE								
TOTALS				EXIST	EXIST			27500			
A.I.C. RATING 10K				EXISTING TOTAL CONNECTED 96.2 W							
MOUNTING SURFACE				NEW TOTAL CONNECTED 516 W							
				TOTAL DEMAND 101.36 W							
				TOTAL AMPS 423 A							

EXISTING PANEL SCHEDULE

120/240 VOLT(S)		PHASE		3	WIRE	MAINS	FEED THRU LUGS		
DEVICE				CONN. LOAD (WATTS)		DEM. %	DEM. WATTS	COND	WIRE
CKT NO	AMP TRIP	POLES		ØA	ØB				
1	60	2	EXISTING AHU-1	EXIST		100	EXIST	EXIST	EXIST
3					EXIST		100	EXIST	EXIST
5	30	2	EXISTING AHU-1	EXIST		100	EXIST	EXIST	EXIST
7					EXIST		100	EXIST	EXIST
9	50	2	EXISTING RTU-1	EXIST		100	EXIST	EXIST	EXIST
11					EXIST		100	EXIST	EXIST
13	20	2	EXISTING COMPUTER A/C	EXIST		100	EXIST	EXIST	EXIST
15					EXIST		100	EXIST	EXIST
17	30	1	EXISTING BATH HEAT	EXIST		100	EXIST	EXIST	EXIST
19	20	1	EXISTING LIGHTS & RECEPITS	EXIST		100	EXIST	EXIST	EXIST
21	20	1	EXISTING RECEPITS / FAN	EXIST		100	EXIST	EXIST	EXIST
23	20	1	EXISTING OFFICE LIGHTS	EXIST		100	EXIST	EXIST	EXIST
25	20	1	EXISTING LOAD	EXIST		100	EXIST	EXIST	EXIST
27	20	1	EXISTING BATH LIGHTS	EXIST		100	EXIST	EXIST	EXIST
29	20	1	EXISTING OFFICE RECEPITS	EXIST		100	EXIST	EXIST	EXIST
31	20	1	EXISTING LOAD	EXIST		100	EXIST	EXIST	EXIST
33	60	2	EXISTING LOAD	EXIST		100	EXIST	EXIST	EXIST
35					EXIST		100	EXIST	EXIST
37	40	2	EXISTING LOAD	EXIST		100	EXIST	EXIST	EXIST
39			SPACE	EXIST		100	EXIST	EXIST	EXIST
2	60	2	EXISTING AHU-2	EXIST		100	EXIST	EXIST	EXIST
4					EXIST		100	EXIST	EXIST
6	30	2	EXISTING AHU-2	EXIST		100	EXIST	EXIST	EXIST
8					EXIST		100	EXIST	EXIST
10	20	2	EXISTING RTU-2	EXIST		100	EXIST	EXIST	EXIST
12						100	EXIST	EXIST	EXIST
14	20	1	SPARE	EXIST		100			
16	20	1	SPARE	EXIST					
18	20	1	COPY ROOM RECEPTACLES	720					
20	20	1	COPPER RECEPTACLE		1000				
22	20	1	WORK ROOM RECEPTACLES	1080					
24	20	1	FINANCE ROOM RECEPTACLES	1080	1080				
26	20	1	FINANCE ROOM RECEPTACLES	1080					
28	20	1	IT RECEPTACLE		800				
30			SPACE						
32			SPACE						
34			SPACE						
36			SPACE						
38			SPACE						
40			SPACE						
42			SPACE						
TOTALS							27500		
A.I.C. RATING _____ MOUNTING SURFACE _____									

C:\Users\SHAPE_TECH7\Documents\R19_East Point Housing Authority Office Renovation_Tech7_SHAPE.rvt
PROJECT NUMBER: Project Number PROJECT NAME: E.P.H.A. OFFICE RENOVATION
SHEET NUMBER: A102 -
7/13/2020 7:00:54 PM

PLUMBING SYMBOLS & ABBREVIATIONS

	HOT WATER PIPE	HWS
	COLD WATER PIPE	CWS
	TEMPERED WATER	HWR
	WATER HAMMER ARRESTOR	WHA
	CHECK VALVE	CV
	HOSE BIBB W/ VACUUM BREAKER & SHUT-OFF VALVE	3/4"HB
	GATE VALVE (SHUT-OFF VALVE)	EX
	EXISTING WATER LINE	EX
	SANITARY PIPE	GW
	CONDENSATE PIPE	SAN
	VENT PIPE	CD
	TEMPERATURE & PRESSURE RELIEF	P&T
	DRAIN PAN	DP
	FLOOR DRAIN WITH 1/2" TRAP PRIMER	WC
	WATER CLOSET	VTR
	VENT THRU ROOF	LAV
	LAVATORY	JS
	JANITOR'S SINK	SK
	SINK	MS
	MOP SINK	FD
	FLOOR DRAIN	UR
	URINAL	EWC
	ELECTRIC WATER COOLER	EWH
	ELECTRIC WATER HEATER	A.F.F.
	ABOVE FINISH FLOOR	FCO
	FLOOR CLEANOUT	CTG
	CLEANOUT TO GRADE	WCO
	WALL CLEANOUT	FU
	FIXTURE UNITS	DFU
	DRAIN FIXTURE UNITS (SANITARY)	WFU
	WATER FIXTURE UNITS (WATER SUPPLY)	WHA
	WATER HAMMER ARRESTOR	WHA

NOTE:

NOT ALL SYMBOLS & ABBREVIATIONS APPLY TO THIS JOB.

SQUARE FEET

PLUMBING FIXTURE SCHEDULE

NAME	FIXTURE TYPE	MANUFACTURE & MODEL#	ACCESSORIES	
WC-1	WATER CLOSET (FLUSH VALVE (FLOOR MOUNTED))	AMERICAN STANDARD MODEL NUMBER: 2854.128	FLUSH VALVE-SLOAN SOLIS 8111-1.28 1.28 GPF SEAT - WHITE, ELONGATED, OPEN FRONT LESS COVER BY KHOLER OR APPROVED EQUAL	
LAV-1	WALL HUNG LAVATORY	HUDSON KOHLER (MODEL # K-2612	CHICAGO FAUCETS 333-E2805 SELF CLOSING METERING (0.5GPM MAXIMUM FLOW)	
CO	WALL CLEAN-OUT	JOSAM OR APPROVED EQUAL MODEL# 58640		
EWC-1	ELECTRIC WATER COOLER	ELKAY MODEL # LZSTL8WS(VR)*K WITH BOTTLE FILLING STATION BI-LEVEL FILTERED LZ COOLER MODEL	PROVIDE FAUCET WITH 0.5 GPF. VANDAL PROOF, DUAL THREAD FILTER # EZH2O	
FIXTURE TYPE		WATER PIPE SIZE	NOMINAL SAN. SIZE	MAX. FLOW RATES
WATER CLOSET (FLUSH VALVE)		1"	3"	1.28 GPF
URINAL		1"	2"	0.125 GPF
LAVATORY		1/2"	2"	0.5 GPM
HS		1/2"	2"	0.5 GPM
SK-2		1/2"	2"	0.5 GPM
SK-3		1/2"	2"	0.5 GPM
JANITORIAL SINK		1/2"	2"	2.0 GPM

WATER HAMMER ARRESTOR

SIOUX CHIEF SIZING AND SELECTION

P.D.I. UNITS	A	B	C	D	E	F
FIXTURES UNITS	1-11	12-32	33-60	61-113	114-154	155-330

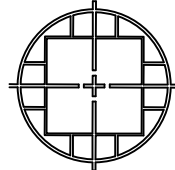
PLUMBING GENERAL NOTES:

- ALL WORKMANSHIP AND MATERIAL SHALL BE IN STRICT ACCORDANCE WITH APPLICABLE LOCAL CODES, RULES AND ORDINANCES.
- CONTRACTOR SHALL VISIT THE JOB SITE AND THOROUGHLY FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS.
- ALL MATERIAL SHALL BE NEW AND OF AN AMERICAN MANUFACTURER.
- ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE.
- ALL EXCAVATION AND BACKFILL AS REQUIRED FOR THIS PHASE OF CONSTRUCTION SHALL BE A PART OF THIS CONTRACT.
- REQUIRED INSURANCE SHALL BE PROVIDED BY THE CONTRACTOR FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF WORK.
- CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, INSPECTION & TESTS.
- DRAWINGS ARE DIAGRAMMATIC. DO NOT SCALE FOR THE EXACT LOCATION OF FIXTURES, PIPING, EQUIPMENT, ETC.
- ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION. REPORT ANY DISCREPANCY TO ENGINEER/ARCHITECT PRIOR TO BEGINNING CONSTRUCTION.
- VERIFY LOCATION, SIZE, INVERTS OF ALL EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION. ADVISE ENGINEER OF ANY DISCREPANCIES OR POSSIBLE CHANGES.
- ALL DOMESTIC WATER PIPING ABOVE GRADE SHALL BE TYPE "L" COPPER WITH SOLDERED FITTINGS USING 95/5 TIN-ANTIMONY SOLDER. ALL UNDERGROUND WATER PIPING SHALL BE SHALL BE TYPE "K" COPPER. NO JOINTS IN DOMESTIC WATER PERMITTED BELOW GRADE PER ATLANTIC STATION STANDARDS.
- SOIL, WASTE, VENT, GREASE AND STORM DRAIN PIPING SHALL BE CAST IRON NO HUB 301-72 ABOVE GRADE AND SCH. 40 PVC BELOW GRADE.
- ALL GAS PIPING SHALL BE BLACK STEEL ABOVE GRADE AND SCHEDULE 40 BELOW GRADE PER ATLANTIC STATION STANDARDS.
- AIR CONDITIONING CONDENSATE DRAIN PIPING SHALL BE COPPER TYPE L ASTM8B88. ABOVE GRADE & SCH. 40 PVC BELOW GRADE.
- INSULATE ALL CONDENSATE PIPING EXCEPT UNDERGROUND AND ELECTRIC HEAT WRAP WHERE EXPOSED TO FREEZING CONDITIONS.
- INSULATION:
 - HOT WATER PIPING:
DOMESTIC HOT AND COLD WATER PIPING SHALL BE INSULATED WITH A MINIMUM OF 1" THICK FIBERGLASS PER ATLANTIC STATION STANDARDS.
 - HORIZONTAL STORM DRAIN WITH IN CONDITION SPACES USE 1" PERFORMED FIBERGLASS PIPE INSULATION WITH FACTORY JACKET.
 - CONDENSATE PIPING ABOVE GARAGE USE 3/4" ARMAFLEX OR IMCOA IMCOLOCK.
 - EXHAUST PIPING USE 3" THICK CALCIUM SILICATE BLOCK INSULATION WITH 1200 F. STEVENS CLASS CLOTH WRAP.
 - THE FIRST 8 FEET OF THE COLD WATER PIPE FROM THE WATER HEATER USE 3/4" ARMAFLEX OR IMCOA IMCOLOCK.
 - INSULATE PER A.D.A. ALL EXPOSED HANDICAP LAVATORIES DRAIN PIPING AND HOT & COLD STOP AND SUPPLIES. COVERS SHALL BE SOFT, REMOVABLE AND UPC APPROVED. MANUFACTURE: PLUMBEREX HANDY-SHIELD OR PRO-SERIES.
 - INSULATION IN ANY FIRE RATED WALL ASSEMBLY SHALL BE PREFORMED FIBERGLASS PIPE INSULATION.
- ALL DRAINAGE PIPING BELOW THE SLAB SHALL BE HEAT TRACE.
- ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE STOPS & APPROPRIATELY MARKED ACCESS PANELS. COORDINATE LOCATIONS WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION.
- NOT USED.
- DIELECTRIC COUPLINGS ARE REQUIRED BETWEEN ALL DISSIMILAR METAL IN PIPING AND EQUIPMENT CONNECTIONS.
- HANGERS & RODS:
 - ALL HANGERS FOR COPPER PIPES TO BE COPPER PLATED.
 - PROVIDE ISOLATOR PADS ON ALL WATER PIPING HANGERS.
 - ALL FIRE RATED FLOOR AND WALL PENETRATIONS SHALL BE PROPERLY PROTECTED FROM FIRE, SMOKE AND WATER PENETRATION BY FILLING VOIDS BETWEEN PIPE & WALL/FLOOR SLEEVES WITH U.L. APPROVED FIRE/SMOKE/WATER SEALANT.

- CONTRACTOR SHALL GUARANTEE ALL MATERIALS & WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM DATE OF ACCEPTANCE BY OWNER. CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED.
- PROVIDE 1/2" TRAP PRIMER LINE FOR ALL FLOOR DRAINS FROM THE NEAREST SINK FIXTURE SIOUX CHIEF #200-090 TRAP-EASE OR PROVIDE SIOUX CHIEF #695 TRAP PRIMER WHERE THERE'S NO PLUMBING FIXTURE NEARBY. PROVIDE SIOUX CHIEF #695-D20 DISTRIBUTOR FOR MULTIPLE TRAP PRIMERS UP TO EIGHT TRAPS PER SINGLE TRAP PRIMER DISTRIBUTOR.
- PROVIDE ACCESS PANELS FOR ALL CONCEALED VALVES. ACCESS PANELS IN RATED WALLS MUST MAINTAIN THE SAME RATING & MUST MATCH THE FINISH OF THE WALL IN WHICH IT IS INSTALLED. COORDINATE LOCATION OF ALL ACCESS PANELS WITH ARCHITECT PRIOR TO INSTALLATION.
- PROVIDE CHROME PLATED COMBINATION COVER PLATE & CLEANOUT PLUG OR ACCESS PANEL FOR ALL WALL CLEANOUTS ZURN ZS-1469-VP SERIES C.O. OR APPROVED ACCESS PANEL.
- NO COMBUSTIBLE MATERIAL TO BE USED IN MECHANICAL ROOMS OR IN CEILING SPACES WHERE USED AS RETURN AIR PLENUMS.
- NO WATER, SANITARY OR DRAINAGE PIPING PERMITTED IN ELECTRICAL OR ELEVATOR EQUIPMENT ROOMS.; WATER STUBBED THRU FOR ELECTRICAL GROUND & SPRINKLER HEAD AND PIPE WITH CONTROL VALVE AS APPROVED BY LOCAL BUILDING AND FIRE DEPARTMENTS.
- ALL HOSE BIBBS SHALL BE CHROME PLATED 3/4" SOLID FLANGE THREADED HOSE & LOOSE KEY W/VACUUM BREAKER - WATTS 8A, MOUNTED 26" ABOVE GRADE OR FINISH FLOOR UNLESS OTHERWISE NOTED. WALL HYDRANTS TO BE ZURN Z-1350-VP.
- INTERIOR FLOOR CLEAN-OUTS SHALL BE JOSAM OR APPROVED EQUAL.
- ALL CONTROL VALVES SHALL BE TAGGED AND MARKED. A REPRODUCEABLE DIAGRAM LOCATING ALL VALVES SHALL BE PROVIDED FOR OWNER/OPERATOR.
- ALL STORM DRAINAGE AND SANITARY PIPING 4" AND LARGER WITH OFFSETS GREATER THAN 45' SHALL HAVE SWAY BRACING AT DIRECTION CHANGES.
- ALL FIRE MAINS, HOT & COLD WATER PIPES, HOT WATER RETURN PIPING, STORM DRAIN AND CONDENSATE PIPING AND GAS PIPING SHALL HAVE IDENTIFICATION & FLOW DIRECTIONS BANDS.
- THESE DRAWINGS CONTAIN BOOK TYPE SPECIFICATIONS. THE PLUMBING SECTIONS OF THESE DRAWINGS AND THE SPECIFICATIONS MUST BE READ IN CONJUNCTION WITH EACH OTHER PRIOR TO BID AND CONSTRUCTION OF THIS PROJECT. ALL ARE CONSIDERED ONE DOCUMENT.
- CONTRACTOR SHALL KEEP A SET OF AS BUILTS DWG. ON THE JOB SITE AT ALL TIMES AND DELIVER A SET OF UP TO DATE AS-BUILTS TO THE ENGINEER & OWNER AT THE COMPLETION OF THE PROJECT.
- AS SOON AS THE WATER PIPING HAS BEEN THOROUGHLY FLUSHED OUT, STERILIZE THE NEW WATER PIPING LINES BY INTRODUCING IN THEM A SOLUTION OF CALCIUM HYPOCHLORITE OR CHLORIDE OF LIME. OPEN AND CLOSE ALL NEW VALVES WHILE SYSTEM IS BEING CHLORINATED. AFTER THE STERILIZING AGENT HAS BEEN APPLIED FOR 24 HOURS, TEST FOR RESIDUAL CHLORINE AT THE ENDS OF LINES. IF LESS THAN 10 PARTS PER MILLION IS INDICATED, REPEAT THE PROCESS. WHEN TESTS SHOW AT LEAST 10 PARTS PER MILLION OF RESIDUAL CHLORINE, FLUSH OUT THE SYSTEM UNTIL ALL TRACES OF THE CHEMICAL USED ARE REMOVED. MAKE NECESSARY CONNECTIONS TO STERILIZE PIPING.
- AFTER STERILIZATION HAS BEEN ACCOMPLISHED INITIATE A BACTERIOLOGICAL TEST PERFORMED BY AN APPROVED TESTING LABORATORY. WATER SHALL BE DRAWN FROM THE SYSTEM AT A POINT FURTHEST FROM THE WATER ENTRANCE TO THE BUILDING. A CERTIFIED TEST REPORT OF THESE TESTS RESULTS INDICATING SATISFACTORY COLIFORM COUNT, COLOR AND CHLORINE RESIDUAL SHALL BE PRESENTED TO THE ARCHITECT AND OWNER WHEN THE WATER SUPPLY PIPING SYSTEM IS SUBSTANTIALLY COMPLETED DURING CONSTRUCTION. ANOTHER SIMILAR TEST SHALL BE PERFORMED AT THE TIME OF ISSUANCE OF THE CERTIFICATE OF OCCUPANCY WITH ANOTHER CERTIFIED TEST REPORT PRESENTED TO THE ARCHITECT AND OWNER AT THAT TIME.
- APPLY A WATER PRESSURE TEST TO ALL PARTS OF THE WATER PIPING SYSTEM NOT LESS THAN 150 PSIG OR 1.25 TIMES THE SYSTEM WORKING PRESSURE (WHICHEVER IS GREATER), FOR A PERIOD OF 4 HOURS. REPAIR ANY LEAKS.
- APPLY A WATER TEST TO ALL PARTS OF THE SANITARY AND STORM DRAINAGE SYSTEMS, BEFORE THE PIPES ARE CONCEALED OR FIXTURES SET IN PLACE. THESE TESTS MAY BE APPLIED IN SECTIONS. CLOSE ALL OPENINGS TO EACH SYSTEM TO BE TESTED EXCEPT THE HIGHEST OPENING ABOVE THE ROOF AND FILL THE SYSTEM WITH WATER UP TO THE OVERFLOW POINTS OF THIS HIGHEST OPENING. SUBJECT ALL PARTS OF THE SYSTEM TO NOT LESS THAN 10' OF THE PIPING DIRECTLY BELOW THE OPENING. LEAVE THE WATER IN THE SYSTEM FOR NOT LESS THAN 30 MINUTES. AFTER WHICH TIME NO LEAKS AT NAY POINT OR LOWERING OF THE WATER LEVEL AT THE OVERFLOW SHALL BE VISIBLE.
- ALL PLUMBING FIXTURES SHALL MEET STATE AND LOCAL CODES.
- ALL WATER HEATERS SHALL HAVE ASME RATED EXPANSION TANKS AND APPROVED EXPANSION VALVES.
- ALL SINKS AND LAVATORIES WITH EXPOSED DRAIN PIPES SHALL BE CHROME PLATED COPPER TUBE, ALL BRANCH WASTE PIPING IN WALLS TO BE PLAIN COPPER TUBE.
- INSTALLATION OF ALL DWV PIPING SHALL COMPLY WITH ASTM F 2536.
- DRAINS SHALL BE AS FOLLOWS: (ZURN)
DRAIN IN BATHROOM AREA. (#ZN415-P-6B)
FLOOR DRAIN IN KITCHEN AREA. (ZURN-#Z-550-ZB-Y)
TRENCH DRAIN - ZURN (Z882 WITH GRATE)

SHAPE

STUDIO **H** ARCHITECTURE • PLANNING • ENVIRONMENTS
384 NELSON ST. SW, SUITE #5 • ATLANTA, GA 30313



HAMMOND ENGINEERING, INC
www.Hammondengineers.com
6961 PEACHTREE INDUSTRIAL BLVD. #208
NORCROSS, GEORGIA, 30092
TEL: (678)292-6937
CONTACT: ERIC HAMMOND, PE # 042812

SEAL



PERMIT SET ISSUED FOR CONSTRUCTION

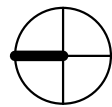
ISSUANCES		
No.	Drawing Issue Description	Date
ISSUED FOR PRICING		
1	FINAL CDS / PERMIT SET	06/04/2021

100% PERMIT SET

E.P.H.A. OFFICE RENOVATION

3056 NORMAN BERRY DRIVE
EAST POINT, GEORGIA 30344

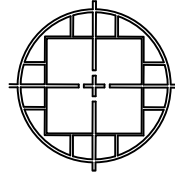
PLUMBING GENERAL NOTES&SCHEDULE



HA	Project Number
Drawn By	Project No.
E.H.	06/04/21
Approved By	Date

P001

Drawing No.



HAMMOND ENGINEERING, INC.
www.hammondengineers.com
6961 PEACHTREE INDUSTRIAL BLVD. #208
NORCROSS, GEORGIA, 30092
TEL: (678)292-6937
CONTACT: ERIC HAMMOND, PE # 042812

SEAL



PERMIT SET
ISSUED FOR CONSTRUCTION

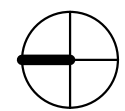
ISSUANCES		
No.	Drawing Issue Description	Date
1	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs / PERMIT SET	06/04/2021

100% PERMIT SET

E.P.H.A. OFFICE
RENOVATION

3056 NORMAN BERRY DRIVE
EAST POINT, GEORGIA 30344

PLUMBING PLAN



HA	Project Number
Drawn By	Project No.
E.H.	06/04/21
Approved By	Date

P101

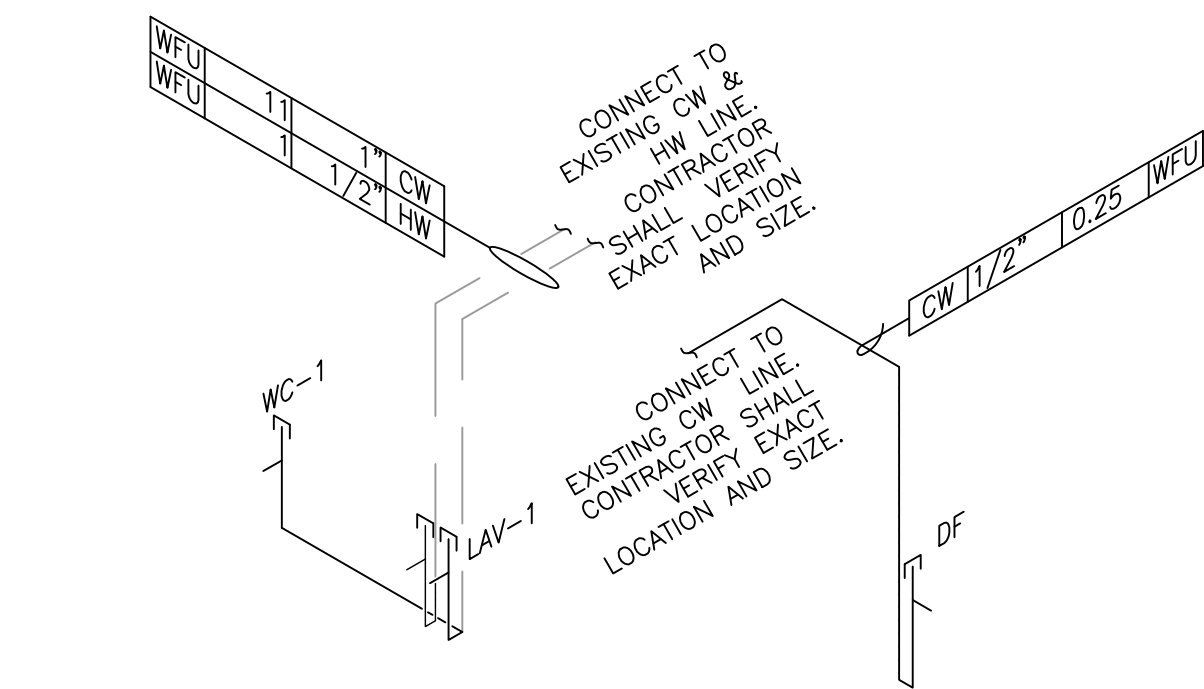
Drawing No.

1 PLUMBING FLOOR PLAN - Level 1
1/8" = 1'-0"

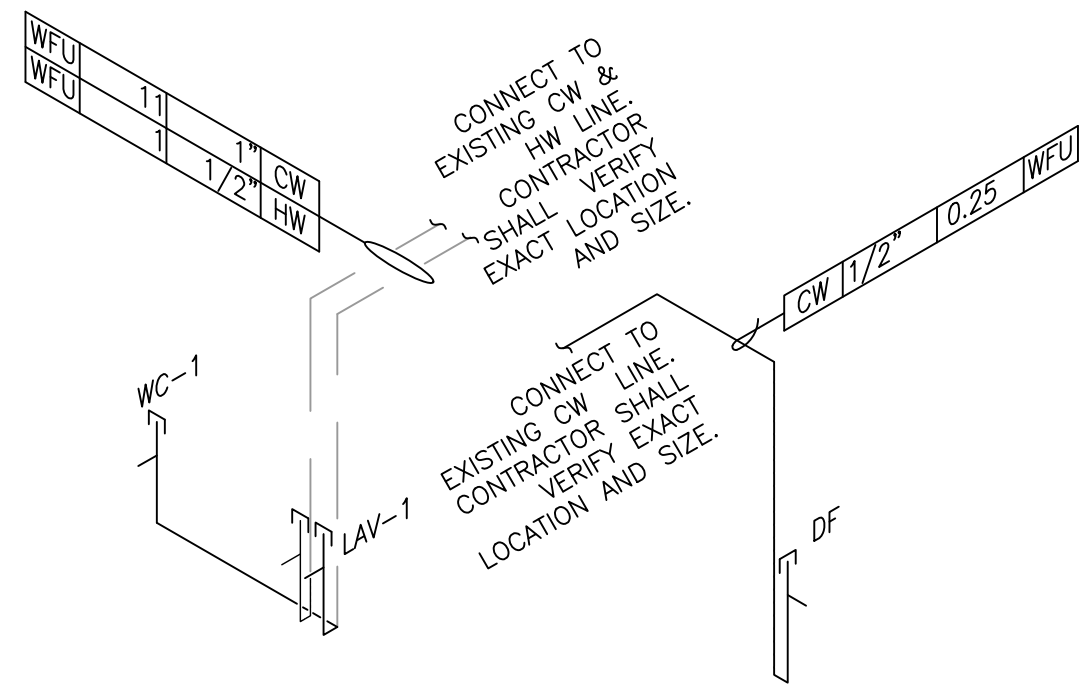
PLUMBING KEY NOTES:

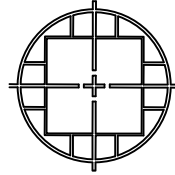
- 1 EXISTING DRINKING FOUNTAIN TO BE REMOVED AND ITS WATER LINE SHALL BE CAPPED.

2 SANITARY ISOMETRIC - Level 1
N.T.S.



3 WATER ISOMETRIC - Level 1
N.T.S.





HAMMOND ENGINEERING, INC
www.Hammondengineers.com
6961 PEACHTREE INDUSTRIAL BLVD. #208
NORCROSS, GEORGIA, 30092
TEL: (678)292-6937
CONTACT: ERIC HAMMOND, PE # 042812

SEAL



PERMIT SET
ISSUED FOR CONSTRUCTION

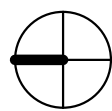
ISSUANCES		
No.	Drawing Issue Description	Date
	ISSUED FOR PRICING	11/16/2020
1	FINAL CDs / PERMIT SET	06/04/2021

100% PERMIT SET

E.P.H.A. OFFICE
RENOVATION

3056 NORMAN BERRY DRIVE
EAST POINT, GEORGIA 30344

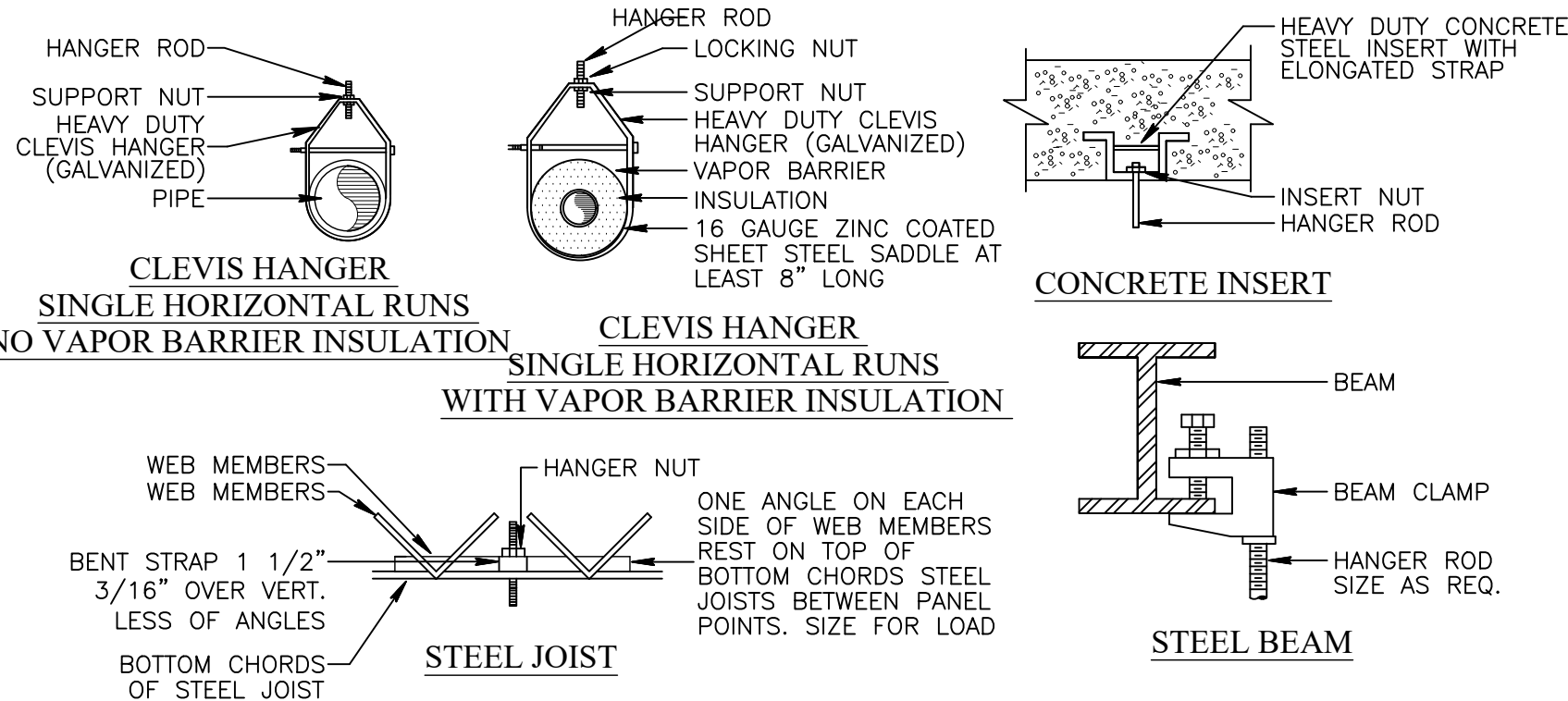
PLUMBING DETAILS



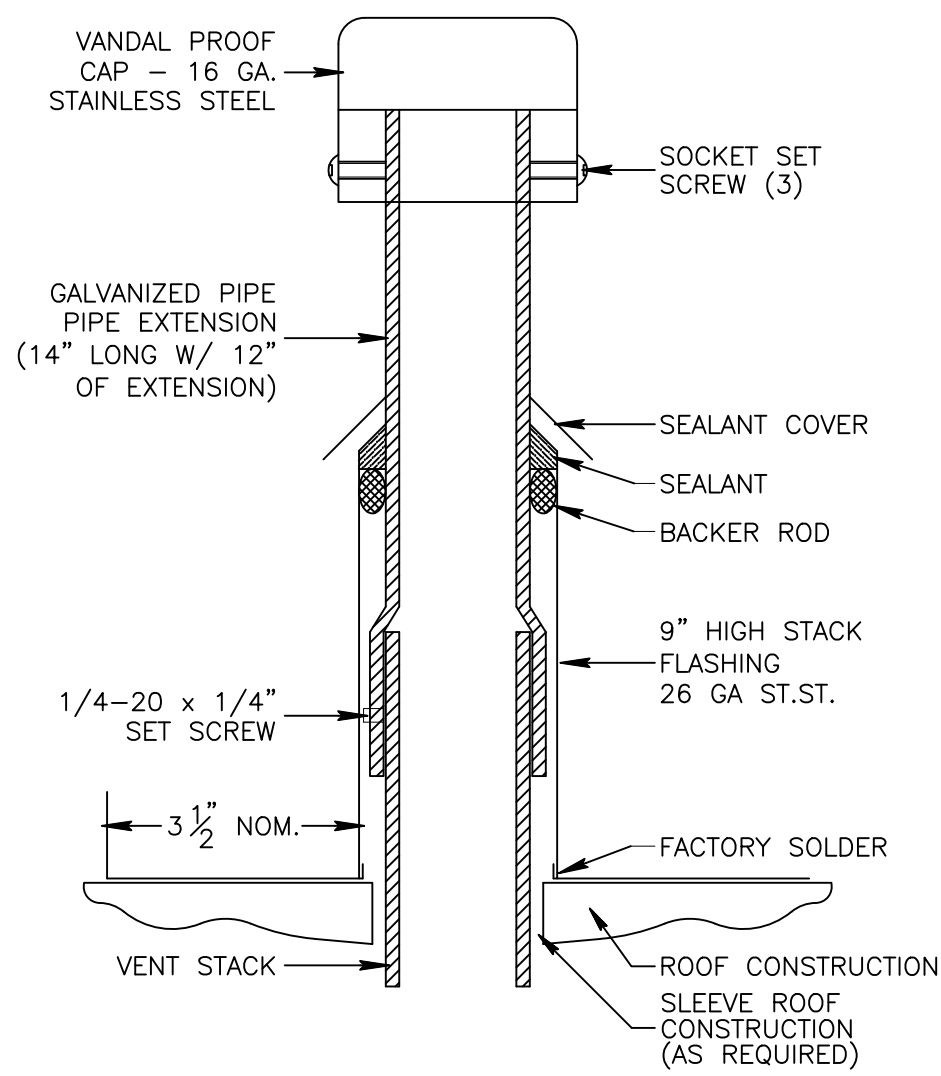
HA	Project Number
Drawn By	Project No.
E.H.	06/04/21
Approved By	Date

P201

Drawing No.



PIPE SUPPORT DETAIL
N.T.S. (FOR SANITARY & WATER PIPING)
(SPACING OF HANGERS TO BE IN ACCORDANCE
WITH FLORIDA BUILDING CODE #308.5)



NOTE:
ANY VENT WITHIN 10'-0" OF ANY DOOR, WINDOW, OR EXHAUST
OPENINGS SHALL EXTEND NOT LESS THAN 3'-0" ABOVE SUCH

