BOONE TRAIL GATEWAY

8500 OLD HIGHWAY 421, LILLINGTON, NC 27546



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STITCH DESIGN SHOP

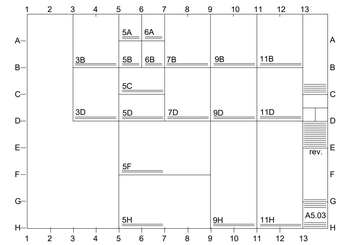
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DATE: 10/07/2026

PROJECT NUMBER: 23-670

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DETAIL REFERENCE



DETAILS ARE REFERENCED ACCORDING TO THEIR POSITION ON THE DRAWING SHEET. THE SYSTEM IS SIMILAR TO THAT OF A MAP. THE DRAWING SHEET IS DIVIDED INTO A GRID WITH LETTERS ON THE SIDES AND NUMBERS GOING ACROSS AS SHOWN ABOVE. FOR EXAMPLE DETAIL 9D AS 03 WOULD BE FOUND AT THE INTERSECTION OF LINES 9 AND ON SHEET A5.03

ABBREVIATIONS

&	and
∠	angle
@	at
℄	centerline
[	channel
⌀	diameter or round
⊥	perpendicular
℗	plate
#	pound or number
A.B.	anchor bolt
A.F.F.	above finish floor
A.P.	access panel
A.C.T.	acoustical tile ceiling
A/C.	air conditioning
ABV.	above
ACOUS.	acoustical
ADD.	addendum
ADJ.	adjacent or adjustable
AGG.	aggregate
AL.	aluminum
ALT.	alternate
ANOD.	anodize
APPROX.	approximate
APT.	apartment
ARCHT.	architect (ural)
AUTO.	automatic
AVG.	average
B.U.R.	built-up roofing
BD.	board
BEV.	beveled
BITUM.	bituminous
BLDG.	building
BLK.	block
BLKG.	blocking
BM.	beam or bench mark
BR.	bedroom
BRCG.	bracing
BRG.	bearing
BSMT.	basement
BTW.	between
C.B.	catch basin
C.H.	ceiling height
C.I.	cast iron
C.J.	control joint or construction joint
C.M.T.	ceramic mosaic tile
C.M.U.	concrete masonry unit
C.T.	ceramic tile
C. to C.	center to center
CAB.	cabinet
CARP.	carpet
CEM.	cement
CER.	ceramic
CLG.	ceiling
CLO.	closet
CLR.	clear
CNTR.	counter
COL.	column
COMP.	composition
CONC.	concrete
CONF.	conference
CONN.	connection
CONSTR.	construction
CONT.	continuous
CONTR.	contractor
CORR.	corridor
CSMT.	casement
CTR.	center
CTSK.	countersink (sunk)
D.	diameter
D.F.	drinking fountain
D.H.	double hung
D.L.	dead load
DBL.	double
DEM.	demolish, demolition
DEPT.	department
DIAG.	diagonal, diagram
DIFF.	diffuser
DIM.	dimension
DMT.	demountable
DN.	down
DO.	door opening
DR.	door
DS.	downspout
DTL.	detail
DWG.	drawing
DWR.	drawer
E.	east
E.C.	electrical contractor
E.J.	expansion joint
E.W.C.	electric water cooler
EA.	each
ELAS.	elastometric
ELEC.	electric (al)
ELEC. CAB.	electric cabinet
ELEV.	elevator, elevation
EMER.	emergency
ENCL.	enclose (ure)
ENTR.	entrance
EQ.	equal
EQUIP.	equipment
ESTB.	establish
EXP.	expansion
EXSTG.	existing
EXT.	exterior
F.B.O.	furnished by others
F.D.	floor drain
F.E.	fire extinguisher
F.E.C.	fire extinguisher cab.
F.H.C.	fire hose cabinet
F.O.C.	face of concrete
F.O.F.	face of finish
F.O.S.	face of studs
F.S.	full size
F.T.F.	face to face
FDN.	foundation
FIN.	finish (ed)
FL.	floor (ing)
FLASH'G.	flashing
FLUOR.	fluorescent
FRPF.	fireproof (ing)
F.P.W.H.	freeze proof wall hydrant
FT.	foot or feet
FTG.	footing
FURN.	furnish
FURR.	furring
FUT.	future
F.V.	field verify
G.B.	grab bar
G.C.	general contractor
GA.	gage, gauge
GALV.	galvanized
GL.	glass, glazing
GR.	grade
GYP.	gypsum
H.B.	hose bibb
H.C.	hollow core
H.M.	hollow metal
H.P.	horsepower
HDW.	hardware
HDWD.	hardwood
HORIZ.	horizontal
HT.	height
HVAC.	heating/ventilating /air conditioning
HWY.	highway
I.P.S.	iron pipe size
ID.	inside diameter
IN.	inches
INCL.	include (ed) (sion)
INSUL.	insulation (ed)
INTR.	interior
INV.	invert
INV. EL.	invert elevation
JAN.	janitor
JT.	joint
K.D.	kiln dried or knock down
KIT.	kitchen
KO.	knockout
L.	left, length
L.H.	left hand
L.L.	live load
L.P.	low point
L.R.	living room
L.W.	lightweight
LAB.	laboratory
LAM.	laminate (d)
LAV.	lavatory
LT.	light
LTG.	lighting
LVR.	louver
M.C.	medicine cabinet or mechanical contractor
M.H.	manhole
M.O.	masonry opening
MACH.	machine
MAINT.	maintenance
MAS.	masonry
MATL.	material (s)
MAX.	maximum
MBR.	member
MECH.	mechanic (al)
MED.	medium
MEMB.	membrane
MTL.	metal
MEZZ.	mezzanine
MFGR.	manufacture (er)
MIN.	minimum
MISC.	miscellaneous
MOD.	modified
MTD.	mounted
MUL.	mullion
N.	north
N.I.C.	not in contract
N.T.S.	not to scale
NO. or #	number
NOM.	nominal
O. to O.	out to out
O.C.	on center (s)
O.D.	outside diameter
OFF.	office
O.H.	opposite hand
OPNG.	opening
OPP.	opposite
OUT.	outvert
OZ.	ounce
P.C.	plumbing contractor
P.C.F.	pounds per cubic foot
P.L.F.	pounds per lineal foot
P.LAM.	plastic laminate
P.S.F.	pounds per square foot
P.S.I.	pounds per square inch
P.T.D.	paper towel dispenser
P.T.R.	paper towel receptacle
PT.	pressure treat (ed)
PLAS.	plaster
PLYWD.	plywood
PNL.	panel
PNT(d).	paint (ed)
PR.	pair
PT.	point
PTD/R.	combination paper towel dispenser & receptacle
PTN.	partition
PVC.	polyvinyl chloride
PVMT.	pavement
Q.T.	quarry tile
R.	riser, radius
R.A.	return air
R.C.P.	reinforced concrete pipe
R.D.	roof drain
R.H.	right hand
R.O.	rough opening
R.O.W.	right of way
REBAR.	rienforcing bar
REC.	recessed
RECT.	rectangular
REF.	reference
REFR'G.	refrigerator
REG.	register
REINF.	reinforced
REQ.	required
RESIL.	resilient
RET.	return
REV.	revisions(s), revised
RFG.	roofing
RM.	room
S-P.	single-ply
S.	south
S.C.	solid core
S.C.J.	structural control joint
S.D.	soap dispenser or storm drain
S.N.D.	sanitary napkin dispenser
S.N.R.	sanitary napkin receptacle
S.S.	stainless steel
S.T.C.	sound transmission classification
S4S.	surfaced 4 sides
SAN.	sanitary
SCHED.	schedule
SECT.	section
SFTWD.	softwood
SHT.	sheet
SIM.	similar
SPEC.	specification
SQ.	square
SQ. FT.	square foot
STD.	standard
STL.	steel
STOR.	storage
STRUC.	structure (al)
SURF.	surface
SUSP.	suspended
SW.	switch
SYM.	symmetry (ical)
T&B.	top and bottom
T&G.	tongue and groove
T.	tread
T.C.	top of curb
T.P.	top of pavement
T.P.D.	toilet paper dispenser
T.W.	top of wall
TEL.	telephone
TEMP.	tempered or temperature
TERZ.	terrazzo
THK.	thick (ness)
THRES.	threshold
TLT.	toilet
TV.	television
TYP.	typical
U.O.N.	unless otherwise noted
UNFIN.	unfinished
UTIL.	utility
V.B.	vinyl base
V.C.T.	vinyl composition tile
V.I.F.	verify in field
V.F.	vinyl fabric
V.T.	vinyl tile
V.W.F.	vinyl wall fabric
VENT.	ventilating
VERT.	vertical
VEST.	vestibule
VOL.	volume
W.	west, women
W.C.	water closet
W.F.	wide flange
W.I.	wrought iron
W.W.F.	welded wire fabric
W/	with
W/O	without
WD.	wood
WDW.	window
WP.	waterproofing
WSCT.	wainscot
WT.	weight
YD.	yard

MATERIAL DESIGNATIONS

- EARTH
- GRAVEL
- CONCRETE
- TERRAZZO
- PLASTER,SAND,GROUT, GYPSUM
- BRICK
- CMU
- ALUMINUM
- STEEL
- FINISHED WOOD
- PLYWOOD
- ROUGH WOOD FRAMING
- BLOCKING
- BATT INSULATION
- RIGID INSULATION
- ACOUSTICAL TILE
- CERAMIC TILE
- CARPET

SYMBOLS

REFERENCES:

- SECTION REFERENCE (A6.01 / A6.01)
- EXTERIOR ELEVATION REFERENCE (A5.01)
- DETAIL REFERENCE / LARGE SCALE PLAN REFERENCE (2F / A9.01)
- INTERIOR ELEVATION REFERENCE (3F- A9.01)
- MILLWORK ELEVATION REFERENCE (M1)
- DOOR NUMBER (100)
- ROOM NAME / ROOM NAME & NUMBER (100)

DETAIL NUMBER 1H / A9.02 — SHEET NUMBER

- COLUMN GRID DESIGNATION (A)
- WINDOW\LOUVER\OTHER OPENING (B)
- +8'-0" NEW SPOT ELEVATION
- +8'-0" EXISTING SPOT ELEVATION
- SPECIAL WALL TYPE (C2)
- REVISION (1)
- REFERENCE TO TYPICAL NOTE (4)
- NORTH ARROWS (TRUE NORTH / PLAN NORTH)

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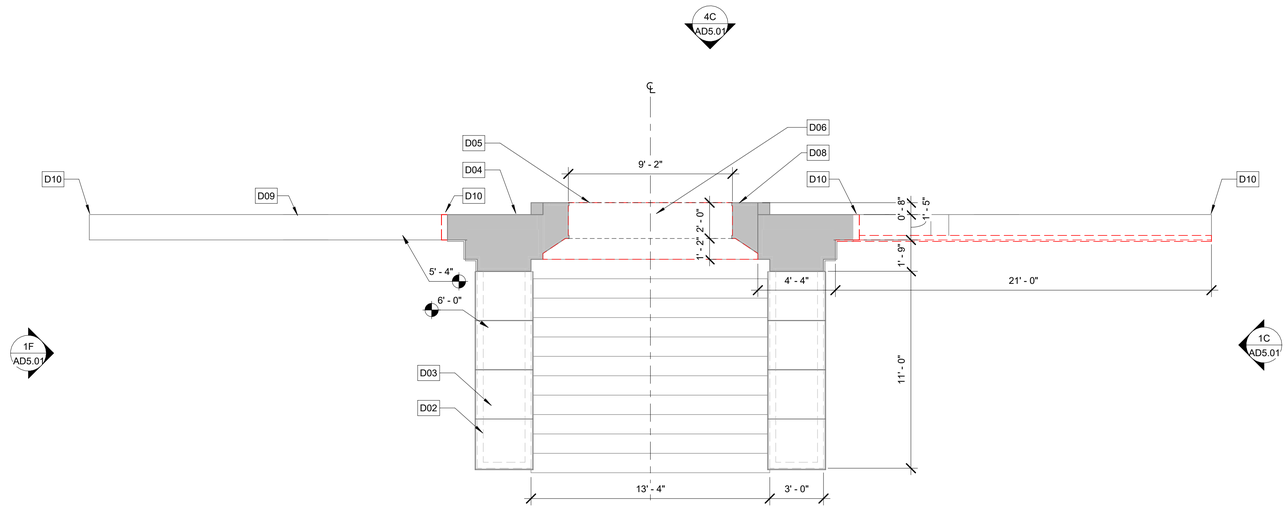
ENVELOPE CONSULTANT

LAE Consulting
P.O. Box 2049 Welcom, NC
27374

CONSTRUCTION DOCUMENTS

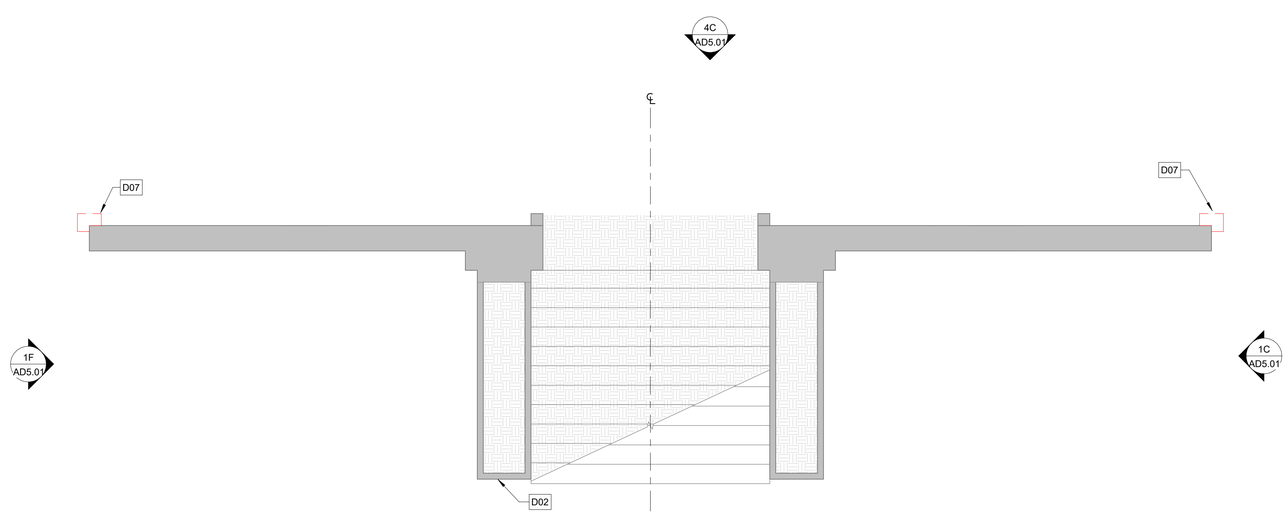
PROJECT NAME: BOONE TRAIL GATEWAY

DOCUMENT PHASE: CONSTRUCTION DOCUMENTS



1C DEMO FLOOR PLAN

1/4" = 1'-0"



1F DEMO FOUNDATION PLAN

1/4" = 1'-0"

GEN. NOTES - DEMO PLAN

1. DASHED LINES ON DEMOLITION DRAWINGS INDICATE EXISTING ITEMS TO BE REMOVED. DRAWINGS ARE DIAGRAMMATIC AND DO NOT SHOW EVERY CONDITION, CONNECTION AND DETAIL. ALL OTHER DEVICES, MATERIALS AND ACCESSORIES NOT SPECIFICALLY DESCRIBED OR CALLED FOR, BUT WHICH ARE REQUIRED FOR A COMPLETE AND FINISHED INSTALLATION FOR THE WORK, SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
2. WEATHERPROOF ALL EXTERIOR OPENINGS CUT IN DURING DEMOLITION.
3. FOR SIZE AND LOCATION OF ALL NEW OPENINGS FOR NEW DOORS & WINDOWS SEE ARCHITECTURAL DRAWINGS.
4. COORDINATE THE REMOVAL OF ALL STRUCTURAL ELEMENTS W/ ARCHITECTURAL AND STRUCTURAL DRAWINGS.
5. PLANS MAY BE ROTATED FOR CLARITY. REFER TO NORTH ARROWS FOR ACTUAL ORIENTATION.
6. PROTECT ALL EXISTING TO REMAIN.
7. PRIOR TO DEMOLITION, LOCATE, IDENTIFY, STUB OFF, AND DISCONNECT UTILITY SERVICES THAT ARE NOT INDICATED TO REMAIN.

KEYED NOTES - DEMO

- D01 NOT USED
- D02 PROTECT MASONRY WALL BELOW. SEE REPAIR SHEETS FOR MASONRY WALL TREATMENT
- D03 REMOVE EXISTING LIMESTONE LEDGE CAP FOR REFINISHING. RESET IN ORIGINAL LOCATION ON MASONRY WALLS
- D04 EXISTING MASONRY WALL & LIMESTONE SURROUND. PROTECT IN PLACE. PROVIDE SHORING WHERE NECESSARY FOR LANDING DEMO
- D05 LIMESTONE ARCH OVERHEAD. PROTECT IN PLACE, SEE REPAIR SHEETS FOR SCOPE
- D06 DEMO EXISTING CONCRETE LANDING
- D07 DEMO EXISTING MASONRY WALL. PROTECT ADJACENT STRUCTURE AS REQUIRED DURING DEMO
- D08 EXISTING LIMESTONE MASONRY. REPAIR AS PRESCRIBED PER REPAIR SHEETS
- D09 EXISTING MASONRY WING WALL TO REMAIN. CLEAN AND REPAIR TOP COURSE FOR NEW CONCRETE LEDGE CAP
- D10 REMOVE PORTION OF EXISTING MASONRY AT END OF WALL IN PREPARATION FOR NEW END WALL MASONRY. SEE CONSTRUCTION PLANS FOR NEW WALL NOTES

PLAN LEGEND

EXISTING WALL

DEMOLISHED WALL

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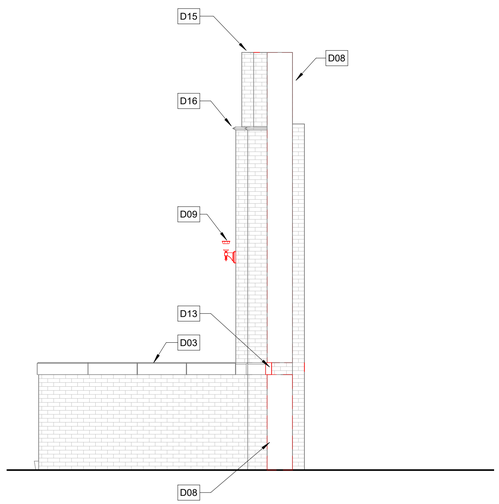
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commission: 23-670

sheet title: DEMO PLANS

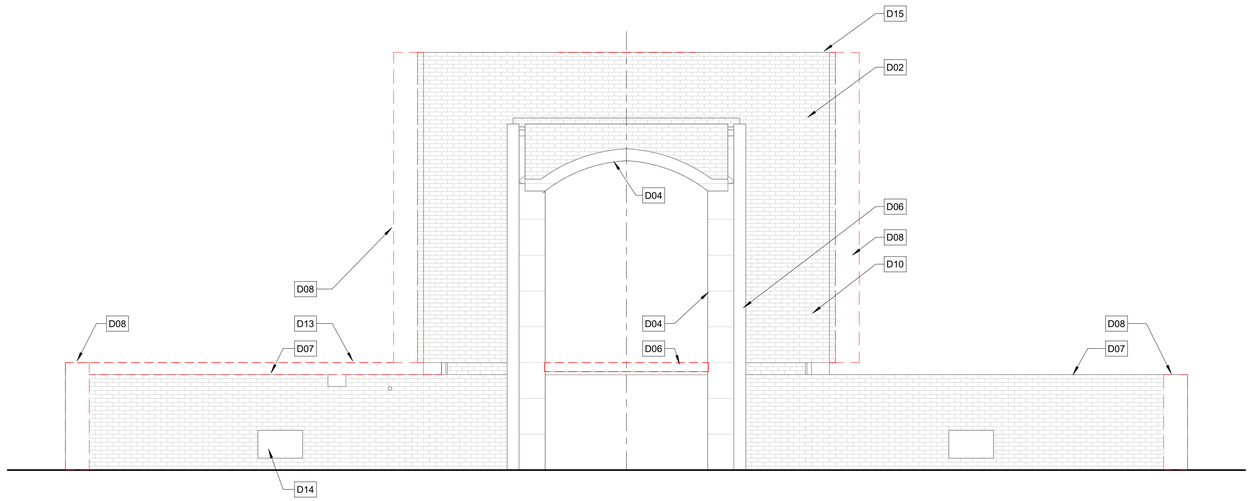
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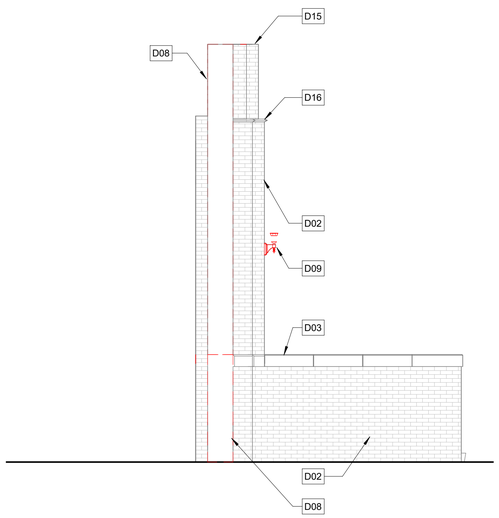
1C DEMO EAST ELEVATION

1/4" = 1'-0"



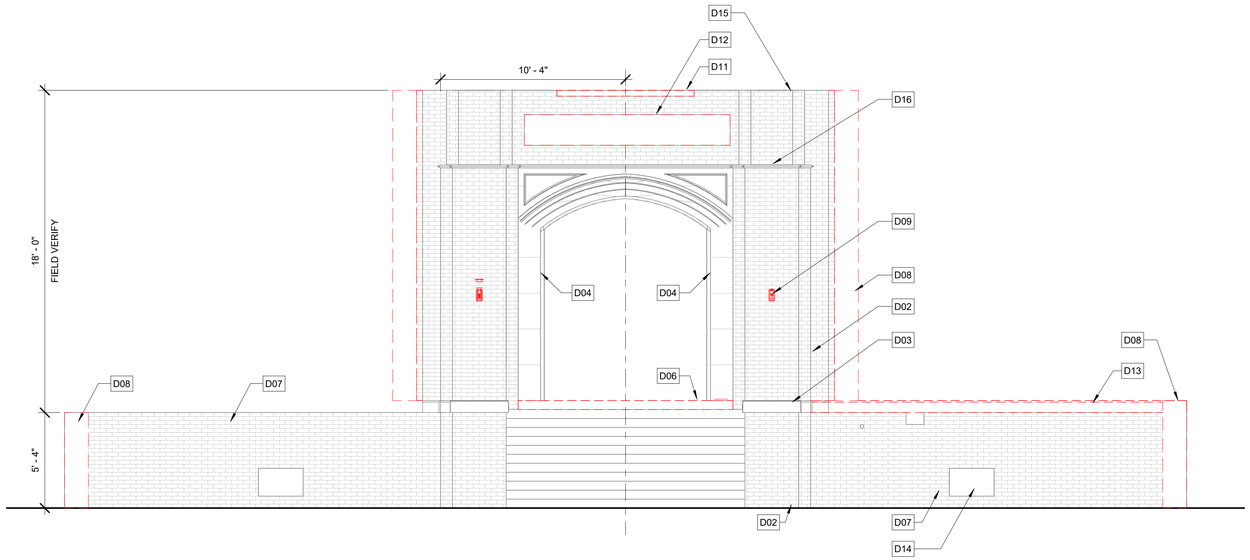
4C DEMO NORTH ELEVATION

1/4" = 1'-0"



1F DEMO WEST ELEVATION

1/4" = 1'-0"



4F DEMO SOUTH ELEVATION

1/4" = 1'-0"

KEYED NOTES

- D01 NOT USED
- D02 EXISTING MASONRY WALL TO REMAIN. PROTECT IN PLACE DURING DEMO. SEE REPAIR SHEETS FOR EXISTING BRICK TREATMENT
- D03 REMOVE EXISTING LIMESTONE LEDGE CAP FOR REFINISHING. RESET IN ORIGINAL LOCATION ON EXISTING MASONRY WALLS. SEE REPAIR SHEETS FOR MORE DETAIL
- D04 EXISTING LIMESTONE ARCH TO REMAIN. PROTECT IN PLACE. CLEAN, REPOINT, AND RESET STONE PANELS AS SPECIFIED BY REPAIR SHEETS
- D05 NOT USED
- D06 DEMO EXISTING CONCRETE LANDING
- D07 EXISTING MASONRY WING WALL TO REMAIN. CLEAN AND REPAIR TOP COURSE FOR NEW CONCRETE LEDGE CAP
- D08 REMOVE PORTION OF EXISTING MASONRY AT END OF WALL IN PREPARATION FOR NEW END WALL MASONRY. WEAVE BRICK INTO THE EXISTING RATHER THAN A SAW CUT EDGE
- D09 DEMO EXISTING (NON ENERGIZED) LIGHT FIXTURE AND ANY WIRING, ELECTRICAL BOXES, CONDUIT, ETC. PATCH AND REPAIR PER REPAIR AND PRESERVATION SHEETS
- D10 EXISTING MASONRY BRICK WALL TO REMAIN. REMOVE EXISTING CHARRED FINISHES, MISC ELECTRICAL REMNANTS. CLEAN AND PREP SURFACE FOR NEW MASONRY ANCHORS
- D11 DEMO EXISTING CONCRETE WINDOW SILL AND INFILL WITH SALVAGED MASONRY. PREP TOP OF WALL FOR NEW CONCRETE PARAPET CAP
- D12 REMOVE EXTERIOR LAYER OF BRICK AND TEMPORARILY SHORE OPENING FOR INSTALLATION OF SALVAGED CONCRETE SIGNAGE. VERIFY EXISTING SIGNAGE WIDTH AND HEIGHT PRIOR TO EXISTING BRICK REMOVAL
- D13 DEMO EXISTING CONCRETE LEDGE CAP AND PREP TOP COURSE OF BRICK MASONRY FOR NEW CONCRETE CAP
- D14 PREP EXISTING MASONRY OPENING FOR NEW SALVAGE BRICK INFILL
- D15 REPAIR TOP OF EXISTING MASONRY WALL AS REQUIRED IN PREPARATION FOR NEW CONCRETE TOP CAP.
- D16 EXISTING DECORATIVE LIMESTONE BANDING TO REMAIN. PROTECT AND REPAIR PER REPAIR/ PRESERVATION SHEETS

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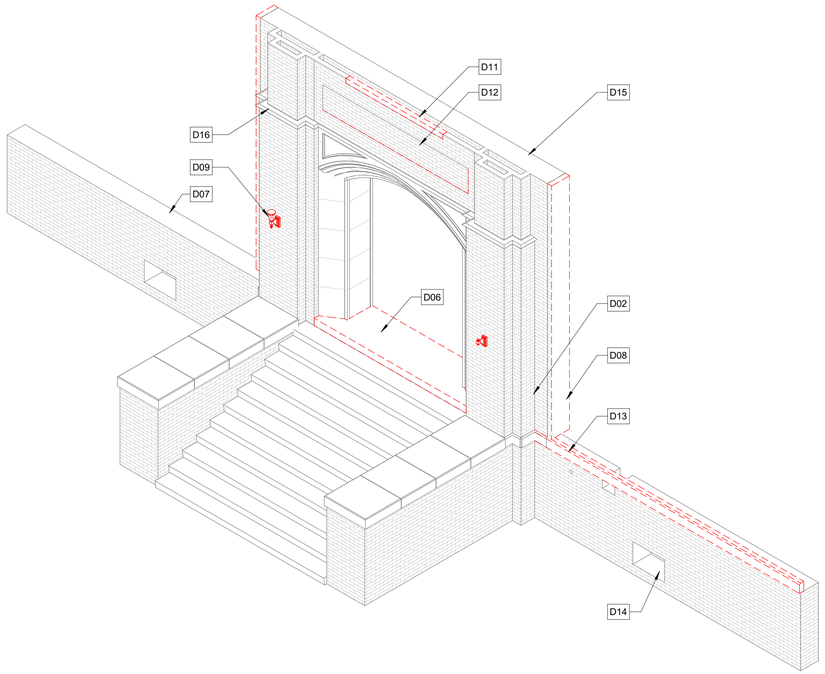
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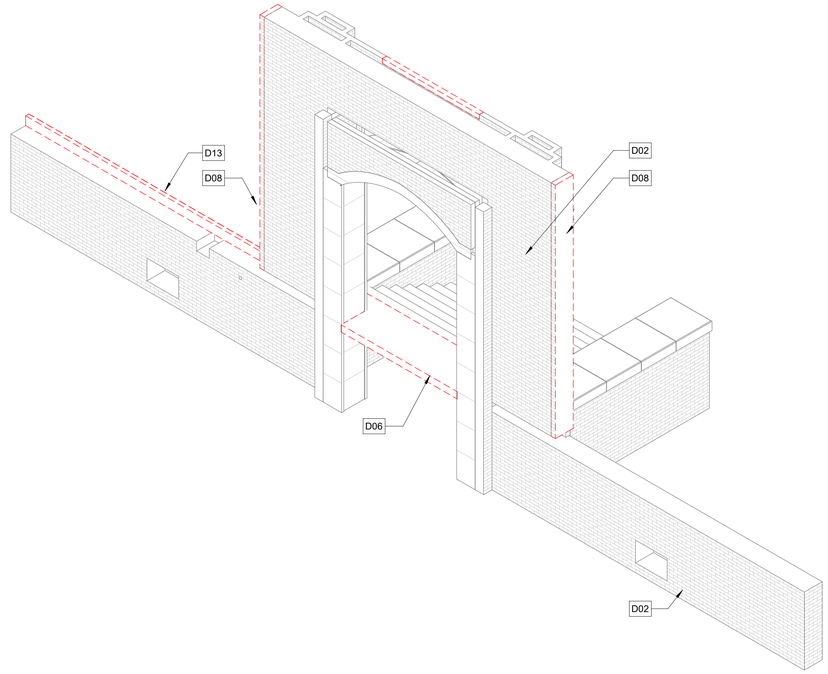
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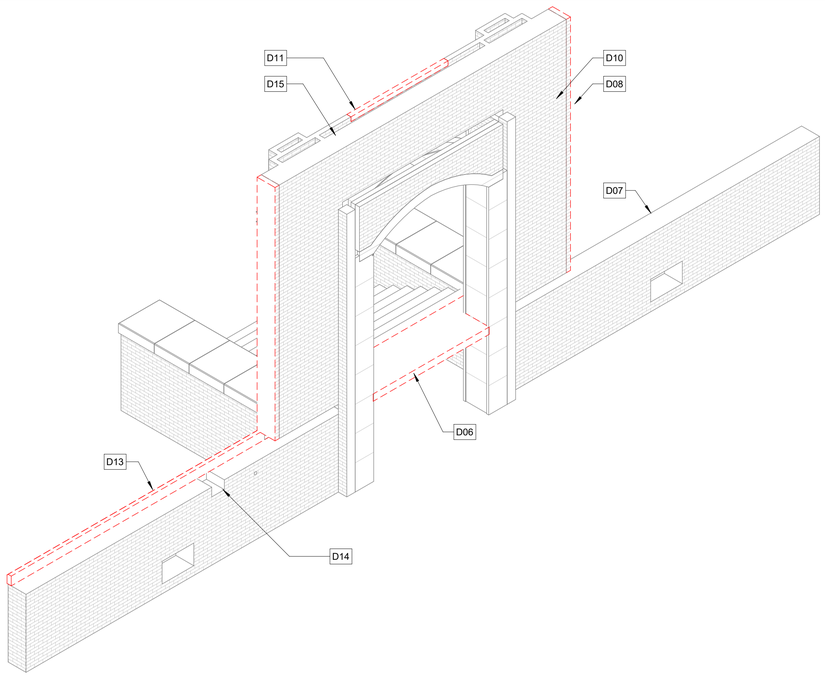
1C AXON - DEMO 04

NOT TO SCALE



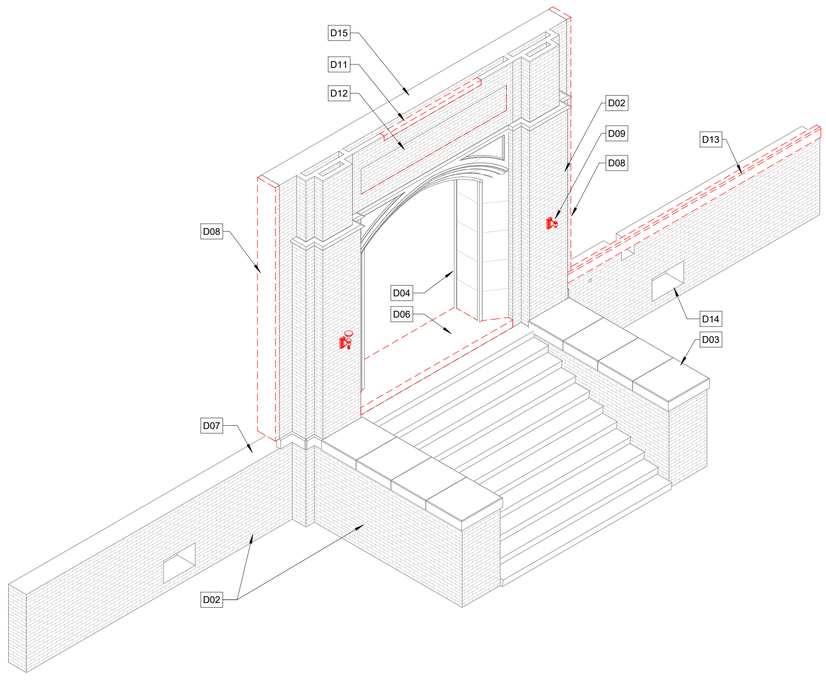
6C AXON - DEMO 02

NOT TO SCALE



1F AXON - DEMO 03

NOT TO SCALE



6F AXON - DEMO 01

NOT TO SCALE

KEYED NOTES

D01 NOT USED

D02 EXISTING MASONRY WALL TO REMAIN. PROTECT IN PLACE DURING DEMO. SEE REPAIR SHEETS FOR EXISTING BRICK TREATMENT

D03 REMOVE EXISTING LIMESTONE LEDGE CAP FOR REFINISHING. RESET IN ORIGINAL LOCATION ON EXISTING MASONRY WALLS. SEE REPAIR SHEETS FOR MORE DETAIL

D04 EXISTING LIMESTONE ARCH TO REMAIN. PROTECT IN PLACE. CLEAN, REPOINT, AND RESET STONE PANELS AS SPECIFIED BY REPAIR SHEETS

D05 NOT USED

D06 DEMO EXISTING CONCRETE LANDING

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D13 DEMO EXISTING CONCRETE LEDGE CAP AND PREP TOP COURSE OF BRICK MASONRY FOR NEW CONCRETE CAP

D14 PREP EXISTING MASONRY OPENING FOR NEW SALVAGE BRICK INFILL

D15 REPAIR TOP OF EXISTING MASONRY WALL AS REQUIRED IN PREPARATION FOR NEW CONCRETE TOP CAP.

D16 EXISTING DECORATIVE LIMESTONE BANDING TO REMAIN. PROTECT AND REPAIR PER REPAIR/ PRESERVATION SHEETS

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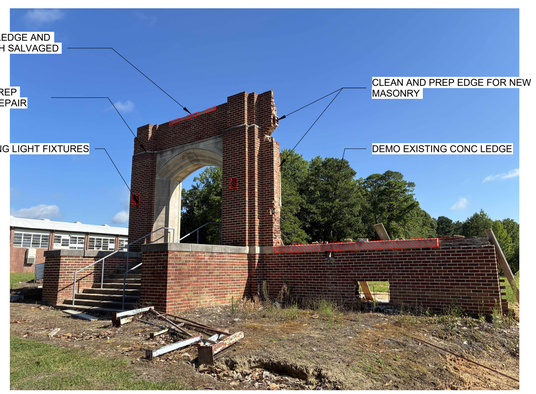
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AD9.01

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8C EXISTING PHOTO 01

NOT TO SCALE



5F EXISTING PHOTO 03

NOT TO SCALE



8F EXISTING PHOTO 02

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BOONE TRAIL GATEWAY

8500 OLD HIGHWAY 421, LILLINGTON, NC 27546

CONSTRUCTION DOCUMENTS

Revisions

No.	Description	Date

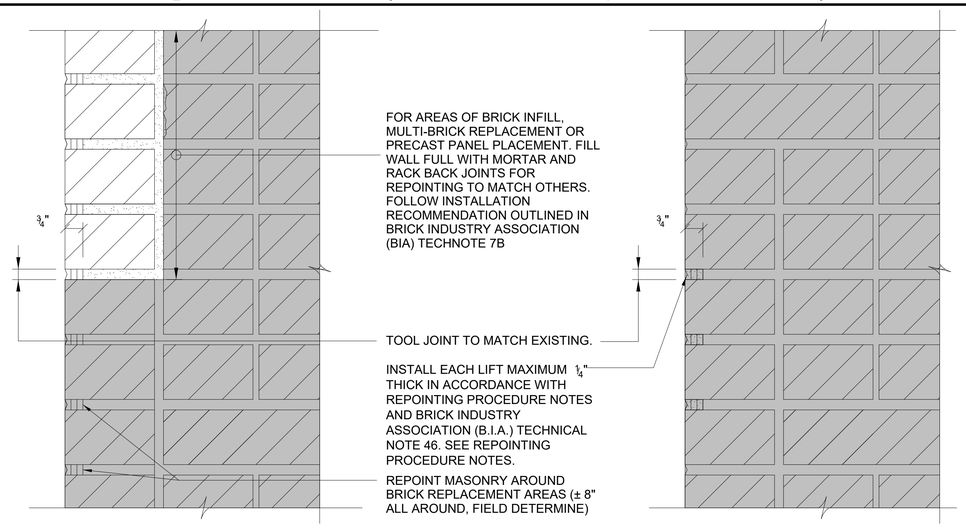
date: 10/07/2026

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EXISTING PHOTOS

sheet no.:
AD9.02

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DEEP REPAIR
FULL MASONRY REPLACEMENT
APPLICABLE FOR LIMESTONE AND BRICK

SHALLOW REPAIR
REPOINTING OF EXISTING OR NEW MORTAR JOINT
APPLICABLE FOR BRICK AND LIMESTONE

BRICK REPAIR/REPLACEMENT AND REPOINTING METHODS AND PROCEDURES:
REPLACE AND/OR REPOINT BRICK MASONRY WERE OUTLINED ON THE DRAWINGS. PROCEDURES AND METHODS SHALL BE IN ACCORDANCE WITH DRAWINGS, SPECIFICATIONS, AND THE BRICK INDUSTRY ASSOCIATION (BIA) TECHNICAL NOTES NO. 7B AND 46 AND AS OUTLINED BELOW. BIA TECHNOTES CAN BE DOWNLOADED (FREE OF CHARGE) AT WWW.GOBRICK.COM

BRICK REPLACEMENT
1. REMOVE SELECT AREAS OF EXISTING DETERIORATED BRICK MASONRY AND OTHER BRICK VENEER WHERE OUTLINED IN THE DRAWINGS. SALVAGE EXISTING BRICK UNITS TO THE GREATEST EXTENT POSSIBLE. SALVAGED UNITS SHALL BE CLEANED FREE OF MORTAR, RESIDUE, AND CONTAMINANTS BY GRINDING AND CLEANING METHODS THAT DO NOT DAMAGE THE BRICK. WERE NEW BRICK UNITS MUST BE INCORPORATED AS REPLACEMENTS, SELECT AND INTERMINGLE NEW BRICK TO LESSEN AESTHETIC IMPACT ON SURROUNDING MASONRY. REPLACEMENT BRICK TO MATCH EXISTING AS CLOSELY AS POSSIBLE.
2. PRIOR TO REINSTALLING BRICK UNITS, PREPARE ALL SURROUNDING MASONRY (± 8" IN ALL DIRECTIONS) VIA GRINDING-BACK MORTAR JOINTS IN TO A MINIMUM DEPTH OF 3/4" IN PREPARATION FOR REPOINTING. FOLLOW PROCEDURES FOR SHALLOW REPOINTING.
3. REINSTALL BRICK UNITS AT PREVIOUSLY REMOVED AREAS. PLACE UNITS IN MORTAR IN ACCORDANCE WITH BIA AND INDUSTRY REQUIREMENTS. REPLACEMENT BRICKS SHALL BE TOOTHED INTO EXISTING RUNNING BOND.
4. AFTER UNITS ARE INSTALLED, RAKE BACK NEW MORTAR JOINTS 3/4" MINIMUM.
5. REPOINT REPLACEMENT BRICK AND SURROUNDING BRICK TO HAVE A UNIFORM APPEARANCE. FOLLOW SHALLOW REPOINTING PROCEDURES.

REPOINTING OF MORTAR JOINTS (BRICK AND LIMESTONE)
1. WHERE MORTAR IS NOT YET REMOVED FROM JOINT, REMOVE MORTAR WITH HAND TOOLS OR SMALL POWER TOOLS IN SUCH A MANNER AS TO NOT DAMAGE THE BRICK OR LIMESTONE TO REMAIN. ANY DAMAGED BRICK SHALL BE REMOVED AND REPLACED IN ACCORDANCE WITH BRICK REPAIR PROCEDURES. REMOVE MORTAR TO A MINIMUM DEPTH OF 3/4-INCHES.
2. REMOVE ALL DUST AND DEBRIS FROM THE JOINT BY WIRE BRUSHING AND BLOWING CLEAN WITH COMPRESSED AIR.
3. REPOINTING MORTAR SHALL BE TYPE 'N' UNLESS OTHERWISE NOTED IN PROJECT SPECIFICATIONS. THE COLOR OF THE SAND AND COLORING AGENTS IF NECESSARY SHALL BE SELECTED TO MATCH EXISTING MORTAR MORTAR SHALL BE PREHYDRATED TO REDUCE EXCESSIVE SHRINKAGE.
4. JOINTS TO BE REPOINTED SHALL BE DAMPENED TO ENSURE A GOOD BOND, THE BRICK WORK MUST ABSORB ALL SURFACE WATER.
5. JOINTS SHALL BE FILLED WITH PREHYDRATED MORTAR BY PACKING MORTAR TIGHTLY INTO THE JOINTS IN THIN LAYERS OF APPROXIMATELY 1/4" MAXIMUM. EACH LAYER SHALL BE "THUMBPRINT HARD" BEFORE APPLYING THE NEXT LAYER. THE JOINTS SHALL BE TOOLED TO MATCH THE EXISTING JOINTS AFTER THE LAST LAYER OF MORTAR IS "THUMBPRINT HARD".

1D TYP REPOINTING AND MASONRY REPLACEMENT DTL

NOT TO SCALE

CLEANING OF HISTORIC MATERIALS
THE INTENT OF CLEANING IS REMOVE DIRT, STAINS, AND OTHER UNSIGHTLY CONTAMINANTS FROM FINISH SURFACES TO CREATE A REJUVENATED SURFACE APPEARANCE. CLEANING IS NOT INTENDED TO RETURN HISTORIC SURFACES TO A LIKE NEW CONDITION. IT IS IMPERATIVE THAT CLEANING PROCEDURES AND OPERATIONS ARE CARRIED OUT IN A MANNER THAT DOES NOT CAUSE DAMAGE TO HISTORIC MATERIALS. HISTORIC MATERIALS SCHEDULED FOR CLEANING UNDER THIS SCOPE OF WORK INCLUDE BRICK, MORTAR, LIMESTONE, AND PRECAST CONCRETE. CRITERIA LISTED BELOW ARE CONSIDERED TO BE THE MINIMUM REQUIREMENTS.

CLEANING PROCEDURES SHALL COMPLY WITH DIRECTION GIVEN HERE AND WITH THE FOLLOWING INDUSTRY DOCUMENTS:

1. BRICK INDUSTRY ASSOCIATION (BIA) TECHNOTE 20 - CLEANING BRICKWORK.
2. INDIANA LIMESTONE HANDBOOK

GENERAL CLEANING
CLEANING SHALL CONSIST OF A "LIGHT WASH HAND CLEANING" USING A MILD DETERGENT OR OTHER CHEMICAL CLEANING AGENTS MANUFACTURED SPECIFICALLY FOR CLEANING OF THE INTENDED MATERIALS. CLEANING PROCEDURES SHALL BE A MULTI-STEP PROCESS THAT INCLUDES APPLICATION OF THE CLEANING AGENT COMBINED WITH HAND SCRUBBING OR SURFACE AGITATING AS DIRECT AND SURFACE RINSING WITH LOW PRESSURE POTABLE WATER BETWEEN APPLICATION OF EACH CLEANING AGENT. CHEMICAL CLEANING AGENTS SHALL BE SELECTED AS PART OF A TOTAL CLEANING SYSTEM AND SHALL BE FROM A SINGLE MANUFACTURER AS FOLLOWS:

1. PREWASH AGENT
2. CLEANING AGENT
3. AFTERWASH/NEUTRALIZING AGENT

ALL CLEANING AGENTS SELECTED FOR USE BY THE CONTRACTOR SHALL L BE EQUAL TO:
PROSOCO SURE KLEAN AND PROSOCO ENVIROKLEAN PRODUCTS LINES FOR THE APPLICABLE MATERIALS.

THE CONTRACTOR SHALL FOLLOW THE MANUFACTURER'S APPLICATION INSTRUCTIONS INCLUDING SURFACE PREPARATION AND CHEMICAL DWELL TIME. REPEAT APPLICATIONS OF ONE OR MORE OF THE CLEANING STEPS MAY BE REQUIRED TO SUFFICIENTLY CLEAN THE SURFACE WITHOUT DAMAGING THE EXISTING MATERIALS.

FOR LOCALIZED DEEP OR EMBEDDED STAINS A PASTE POLUTICE SHALL BE USED TO DRAW-OUT THE STAIN.

ALTERNATIVES CLEANING METHODS:
STEAM CLEANING MAY BE USED IF SHOWN TO BE SUCCESSFUL AND NON-DAMAGING THROUGH A MOCK-UP.

MOCK-UP
PERFORM OF MOCK-UP OF CLEANING PROCESS ON AN AREA OF BRICK, LIMESTONE, AND CONCRETE. THE MOCK-UPS SHALL NOT BE SMALLER THAT 10 S.F. ON EACH SURFACE MATERIAL BEING CLEANED.

1F CLEANING OF HISTORIC MATERIALS

NOT TO SCALE

100% SOLIDS WATER REPELLANT INSTALLATION METHODS AND PROCEDURES:

THE INTENT OF THIS REPAIR IS TO PRESERVE AND PROTECT THE BRICK MASONRY AND CAST STONE SURFACES BY INSTALLING A PENETRATING, BREATHABLE, WATER REPELLANT. WATER REPELLANT SHALL BE EQUAL TO PROTECTOSILÔ CHEM-TRETE PB 100Ô AS MANUFACTURED BY EVONIK INDUSTRIES. INSTALL MATERIAL IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND METHODS AND PROCEDURES OUTLINED HEREIN.

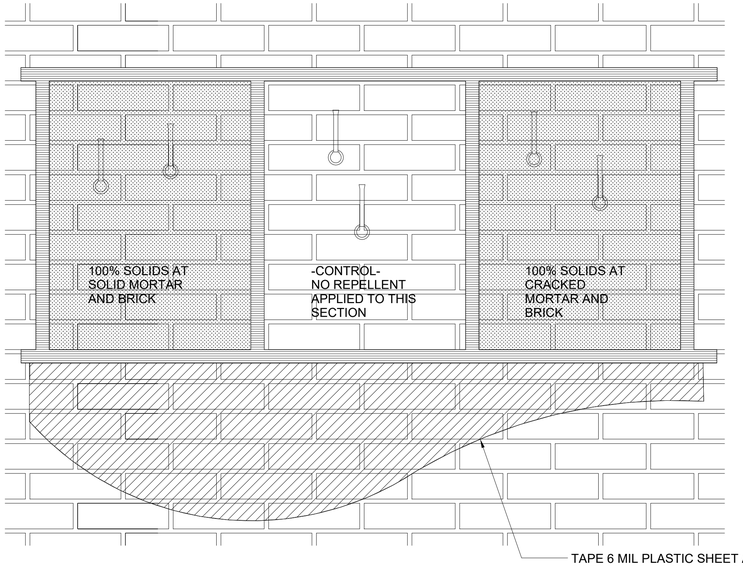
1. PERFORM A MOCK-UP TO ENSURE THAT EXISTING MASONRY WILL ACCEPT WATER REPELLENT TO REFUSAL. PERFORM A SMALL MOCK-UP ON LIMESTONE ENSURE COMPATIBILITY AND NOT COLOR CHANGE.
2. ALLOW ALL NEW MASONRY, REPOINTING MORTAR, AND CONCRETE TO CURE FOR A MINIMUM TIME RECOMMENDED BY THE MANUFACTURER. ALL PATCHING MATERIALS, SEALANT, CAULKING, ETC... MUST CURE PRIOR TO INSTALLATION OF WATER REPELLANT.
3. THOROUGHLY CLEAN ALL SURFACES TO RECEIVE WATER REPELLANT VIA WATERBLASTING. CLEANING SHALL REMOVE ALL CORROSION STAINING, DIRT, DUST, EFFLORESCENCE, MOLD, SALT, GREASE, OIL, ASPHALT, CURING COMPOUNDS, PAINT, COATINGS, AND OTHER FOREIGN MATERIALS.
4. APPLY PRODUCT IN FLOOD COATS AT THE RATES LISTED BY THE MANUFACTURER AND VIA ANY OF THE FOLLOWING METHODS: LOW PRESSURE PUMPING DEVICE WITH A WET FAN TYPE SPRAY NOZZLE, POWER ROLLER WITH A 1" NAP OR BY BRUSH. SEE MANUFACTURER'S PRINTED INSTRUCTIONS FOR ADDITIONAL REQUIREMENTS WHEN APPLYING TO VERTICAL SURFACES.
5. TAKE MEASURES TO PROTECT ALL SURROUNDING MATERIALS, INCLUDING BUT NOT LIMITED TO, GLASS, METAL, PLASTIC, WATERPROOFING MEMBRANE, AND OTHER NON POROUS SUBSTRATES FROM DIRECT CONTACT OR OVERSPRAY.
6. DO NOT DILUTE THE WATER REPELLENT IN THE FIELD.
7. DO NOT APPLY WATER REPELLENT IF SURFACE TEMPERATURES ARE OUTSIDE THE MANUFACTURER'S RECOMMENDED RANGE, IF RAIN IS EXPECTED WITHIN FOUR HOURS FOLLOWING THE APPLICATION, OR IF HIGH WINDS OR OTHER CONDITIONS PREVENT PROPER APPLICATION. SUBSTRATE SHOULD BE ALLOWED TO DRY FOR AT LEAST 48 HOURS AFTER RAIN HAS PROCEEDED APPLICATION.

PRE-INSTALLATION MOCK-UP
RILEM TUBE TEST INSTALLATION METHODS AND TEST PROCEDURES:

THE INTENT OF THIS MOCK-UP TEST IS TO VERIFY THE PERFORMANCE OF THE SPECIFIED WATER REPELLANT AS-INSTALLED ON EXISTING MASONRY AND CAST STONE SUBSTRATES.

1. NSTALL THE REPELLANT MOCK-UP PANEL PRIOR TO, OR AT THE START OF THE REPAIR WORK.
2. COORDINATE LOCATION OF MOCK-UP PANEL WITH THE ARCHITECT.
3. INSTALL THE WATER REPELLANT PRODUCTS AS PER THE MANUFACTURERS INSTRUCTIONS. THOROUGHLY CLEAN AND ALLOW THE TEST AREA TO DRY FOR 24-48 HOURS PRIOR TO INSTALLATION OF REPELLANT MOCK-UP.
4. AFTER INSTALLATION OF THE REPELLANT MOCK-UP A CURING PERIOD OF AT LEAST 7-DAYS WILL BE REQUIRED BEFORE TESTING CAN OCCUR.
5. THE TEST WILL BE PERFORMED BY THE ARCHITECT WITH THE CONTRACTORS ASSISTANCE. PLACE RILEM TUBES ON THE WALL NO SOONER THAN 30-MINUITES PRIOR TO COMMENCEMENT OF TESTING.
6. TESTING WILL CONSIST OF FILLING THE RILEM TUBE AND MONITORING WATER ABSORPTION BY THE SUBSTRATE AT THE FOLLOWING TIMED INTERVALS:

   1 MINUTE, 5 MINUTES, 10 MINUTES
7. PERIODIC REFILLING OF RILEM TUBES MAY BE REQUIRED DEPENDING ON THE EFFECTIVENESS OF THE REPELLANT PRODUCT AND THE POROSITY OF THE MASONRY SUBSTRATES.

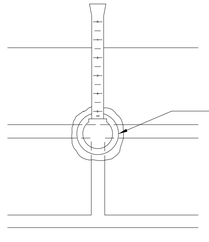


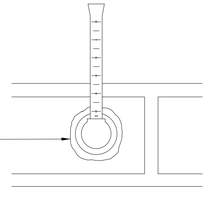
TWO (2) RILEM TUBE TESTS TO BE PERFORMED AT EACH MOCK-UP PANEL (6 TUBES TOTAL).

SET EACH TUBE IN PUTTY AND PRESS FIRMLY TO SEAL TUBE AGAINST MASONRY AT THE FOLLOWING LOCATIONS (PER PANEL):

1 TUBE AT 'T' JOINT

1 TUBE ON BRICK FACE





6F PENETRATING BREATHABLE WATER REPELLENT

NOT TO SCALE

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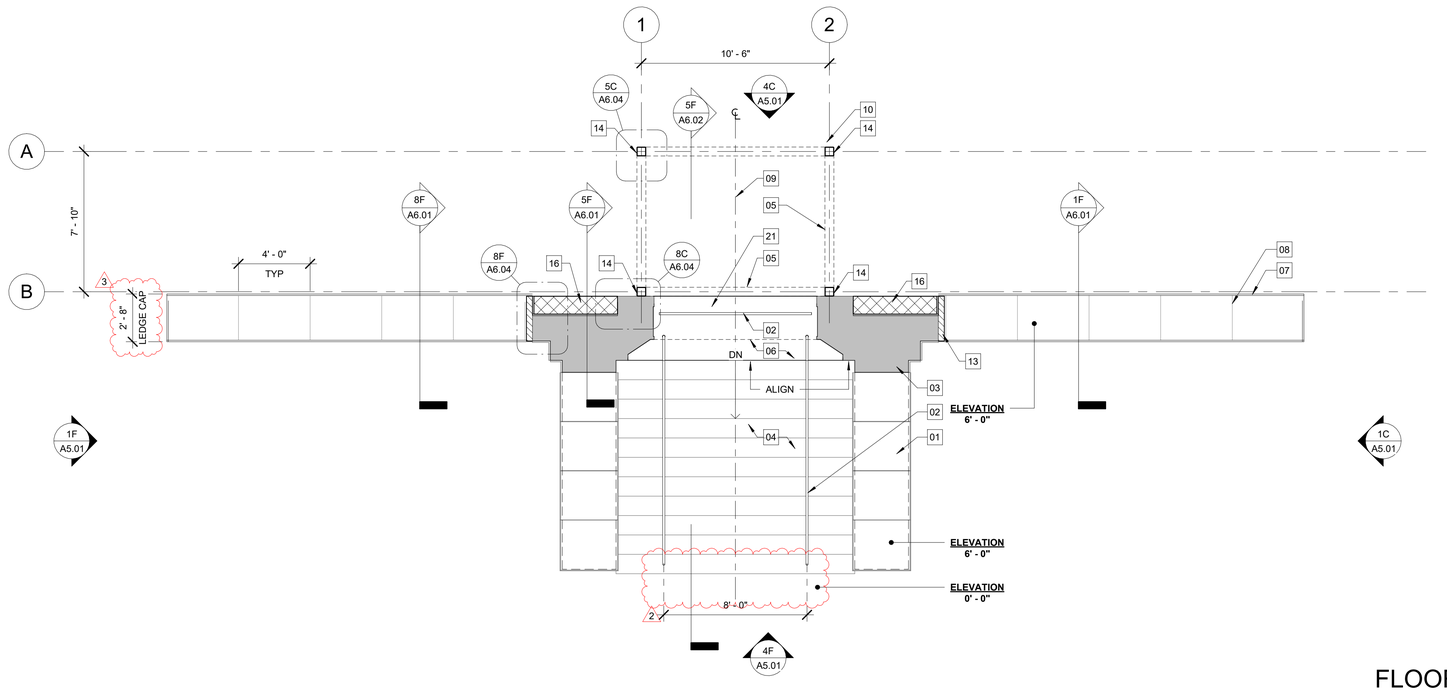
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commission: 23-670

sheet title:
REPAIR / PRESERVATION

sheet no.:
A1.01

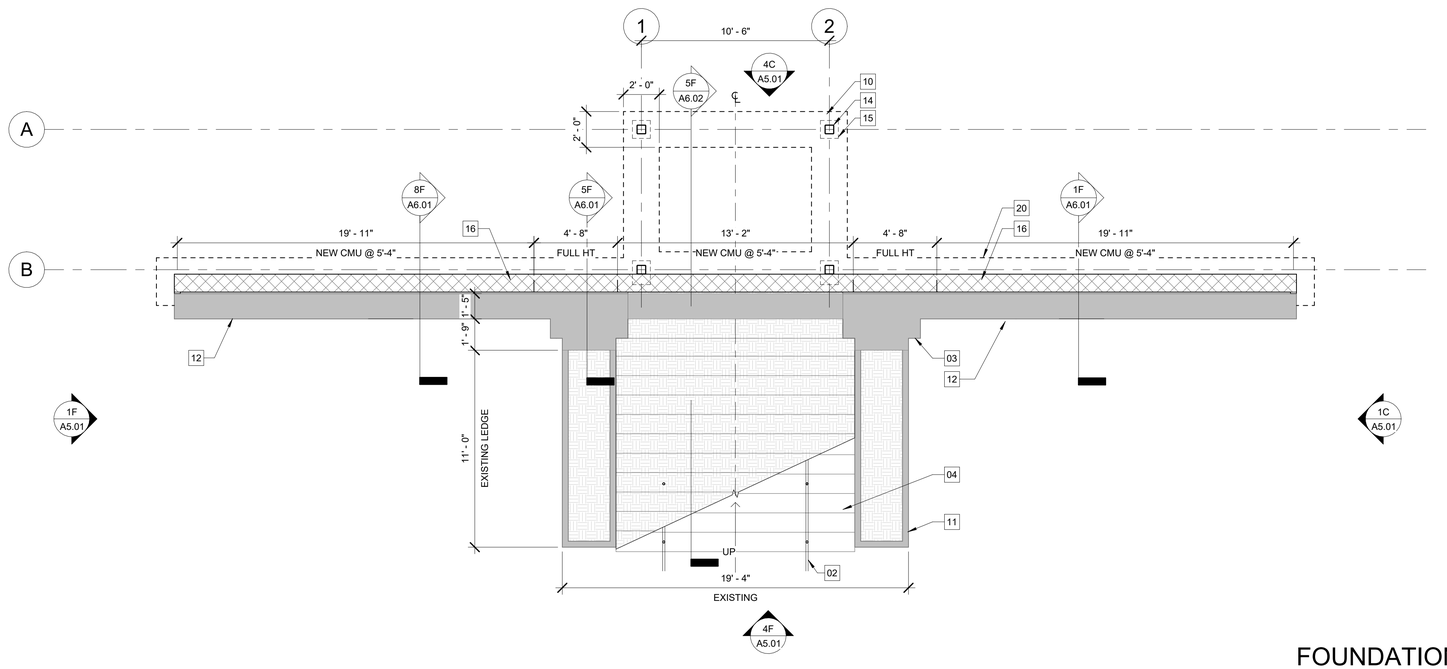
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1C

FLOOR PLAN

1/4" = 1'-0"



1F

FOUNDATION PLAN

1/4" = 1'-0"

GENERAL NOTES - PLAN

1. ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH 2018 NCSBC AND ANY LOCAL CODES. CLEARANCES AND ACCESSIBILITY SHALL COMPLY WITH ANSI A117.1.
2. ALL PLAN DIMENSIONS ARE TO FACE OF STUD/STRUCTURE & COLUMN CENTER LINE UNLESS NOTED OTHERWISE. EXTERIOR DIMENSIONS ARE TO OUTSIDE FACE OF STUD/STRUCTURE & COLUMN CENTERLINE UNLESS NOTED OTHERWISE.
3. PLANS MAY BE ROTATED FOR CLARITY.
4. PROJECT SCOPE INCLUDES REPAIR AND STABILZATION ONLY. STRUCTURE ACCESSABILITY AND SITE ELEMENTS NOT PART OF THIS DRAWING SET

KEYNOTES

01 EXISTING STONE LEDGE CAP. REMOVE, CLEAN AND RESET IN ORIGINAL LOCATION ON MASONRY WALLS

02 1 1/2" DIA STEEL PIPE HANDRAIL. PAINT WITH HIGH PERFORMANCE PAINT, COLOR TBD

03 EXISTING MASONRY STRUCTURE, SEE ELEVATIONS AND REPAIR/PRESERVATION NOTES

04 EXISTING MONOLITHIC CONCRETE STAIR. PATCH AND REPAIR AND RESURFACE AS NEEDED.

05 STRUCTURAL HSS TUBE STEEL BEAM ABOVE

06 EXISTING LIMESTONE ARCHED ENTRYWAY ABOVE

07 NEW CONCRETE LEDGE CAP WITH CHAMFERED EDGE (EDGE PROFILE TO MATCH EXISTING). MATCH COLOR TONE WITH EXISTING LIMESTONE STRUCTURE

08 RAKE BACK MORTAR AND APPLY SEALANT JOINT AT CONCRETE LEDGE COPING

09 DASHED LINE DENOTES CENTERLINE

10 CAST IN PLACE REINFORCED CONCRETE FOOTING

11 EXISTING BRICK MASONRY LEDGE WALL TO REMAIN. PROTECT IN PLACE. REFERENCE REPAIR/ PRESERVATION SHEETS FOR MORE INFORMATION

12 EXISTING MASONRY WING WALL. PROTECT IN PLACE. SEE ELEVATIONS FOR EXTENT OF INFILL

13 NEW MASONRY END WALL. USE SALVAGED BRICKS AND MATCH MORTAR TYPE AND JOINT SPACING TO EXTENT POSSIBLE. WEAVE NEW WALL INTO EXISTING FOR SEAMLESS APPEARANCE

14 NEW HSS 6X6X1/4 STEEL COLUMN. PAINT WITH HIGH PERFORMANCE EXTERIOR PAINT. COLOR TBD

15 12X12X1/2" BASE PLATE WITH 4 3/4" DIA THREADED ROD ANCHORS. PROVIDE LEVELING NUTS AND 2" OF GROUT UNDER BASE PLATE, TYP.

16 NEW 12" REINFORCED CMU WALL W/ CONNECTION TO EXIST MASONRY. SEE WALL SECTION FOR CONNECTION DTL

17 NEW HSS 6X6X1/4 STEEL BEAM. PAINT WITH HIGH PERFORMANCE EXTERIOR PAINT COLOR TBD

18 EXISTING LIMESTONE ARCHED ENTRY. PROTECT IN PLACE. SEE REPAIR/PRESERVATION SHEETS FOR CLEANING AND REPAIR PROCEDURES

19 EXISTING DECORATIVE LIMESTONE BANDING TO REMAIN. PROTECT AND REPAIR PER REPAIR. PRESERVATION SHEETS

20 CONCRETE FOUNDATION. SEE SECTIONS

21 NEW CONCRETE LANDING

22 NEW CONCRETE PARAPET CAP. MATCH LEDGE CAP

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Revisions

No.	Description	Date
2	HANDRAIL REVISIONS	11/12/25
3	CMU REVISIONS	01/13/26

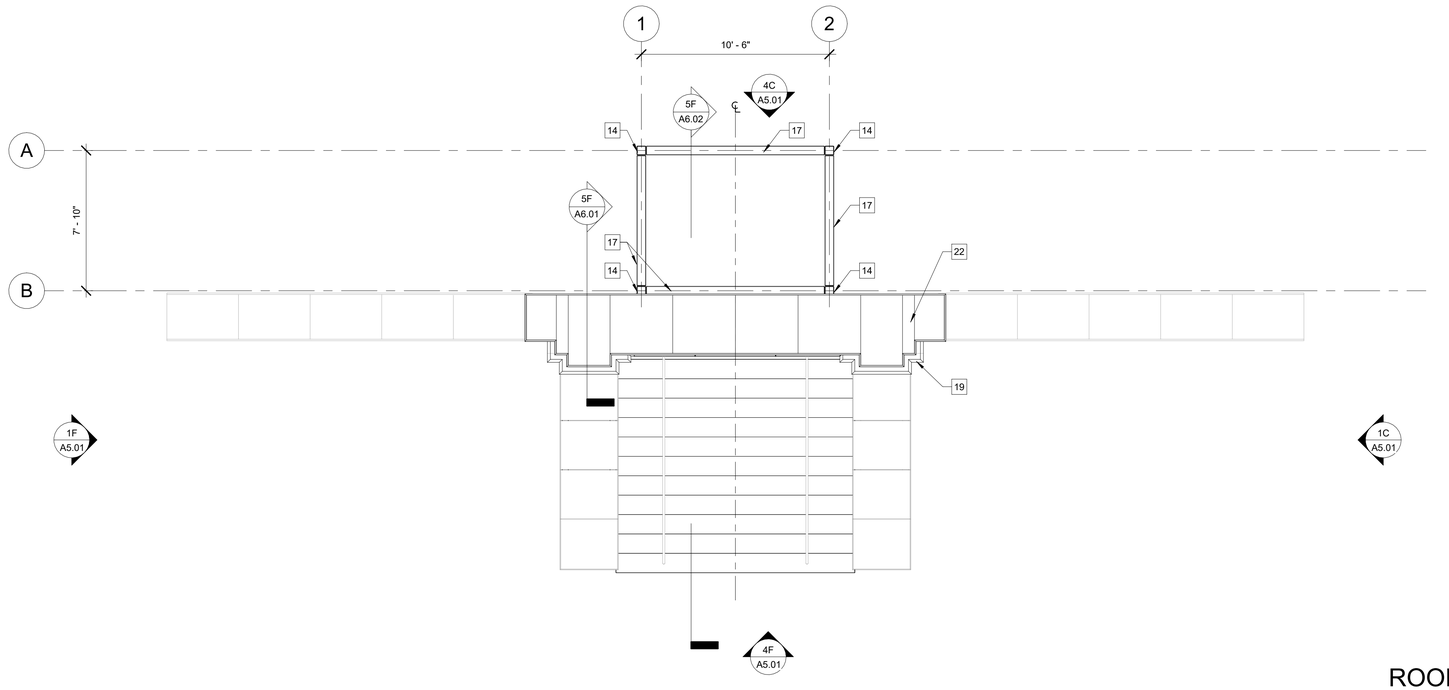
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commission: 23-670

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sheet no.: A2.01

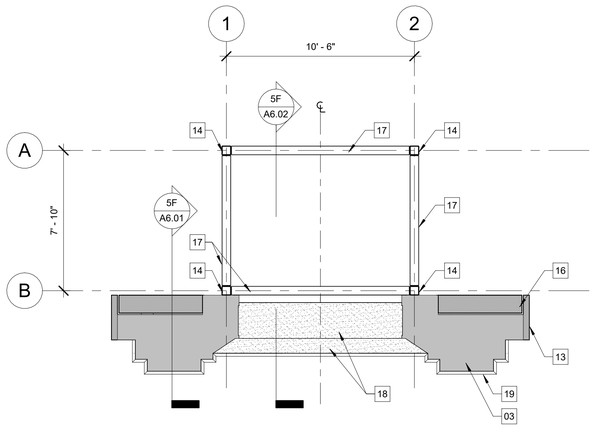
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1C

ROOF PLAN

1/4" = 1'-0"



1F

REFLECTED CEILING PLAN

1/4" = 1'-0"

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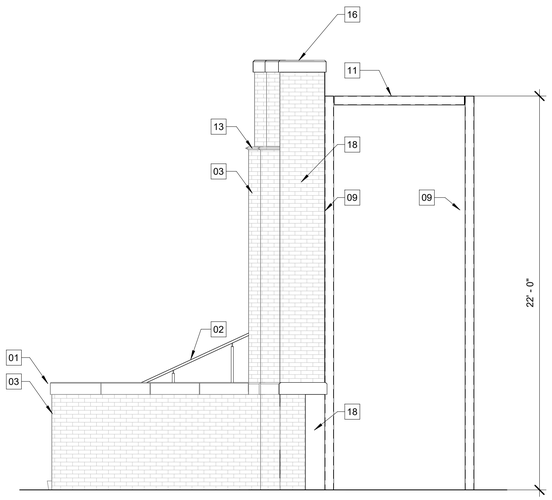
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sheet title: RCP & ROOF PLAN

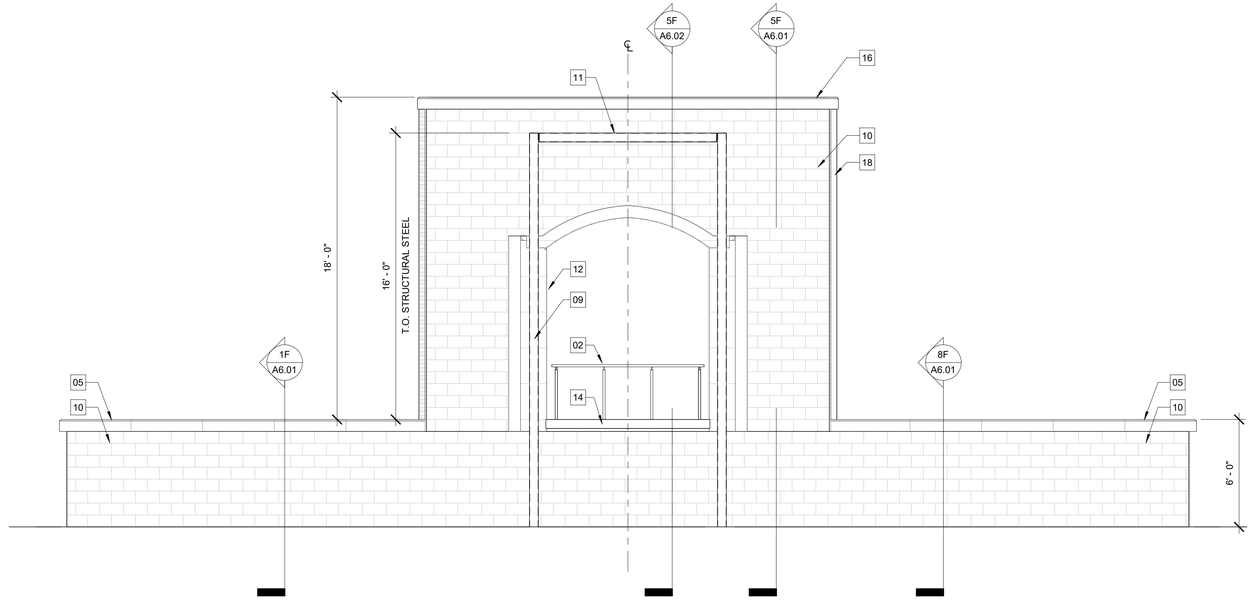
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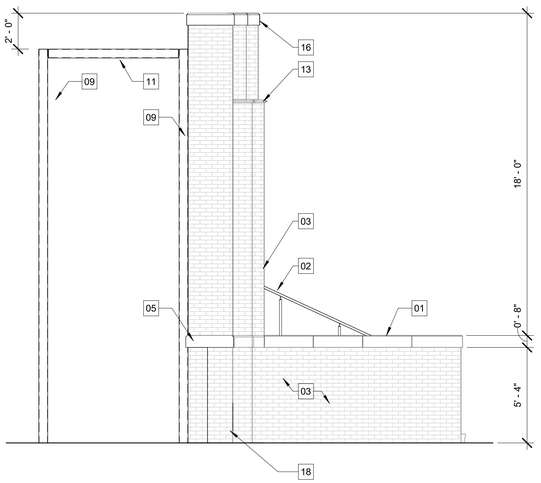
1C EAST ELEVATION

1/4" = 1'-0"



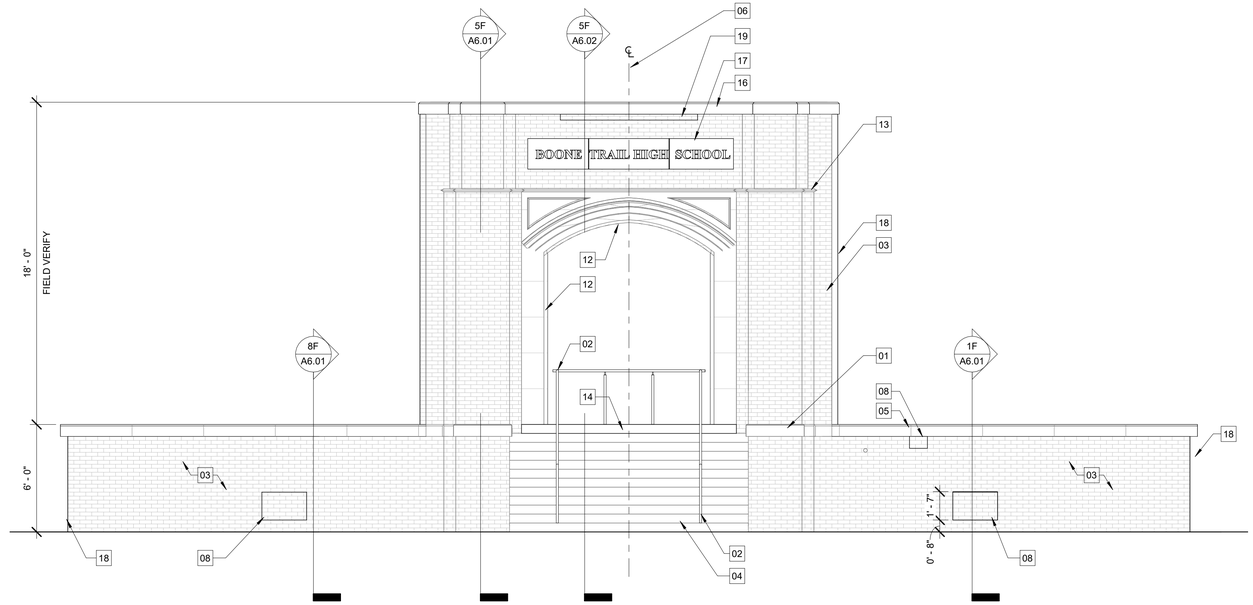
4C NORTH ELEVATION

1/4" = 1'-0"



1F WEST ELEVATION

1/4" = 1'-0"



4F SOUTH ELEVATION

1/4" = 1'-0"

KEYED NOTES

01 EXISTING STONE LEDGE CAP. REMOVE, CLEAN AND RESET IN ORIGINAL LOCATION ON MASONRY WALLS

02 1 1/2" DIA STEEL PIPE HANDRAIL. PAINT WITH HIGH PERFORMANCE PAINT, COLOR TBD

03 EXISTING BRICK MASONRY WALL TO REMAIN. SEE REPAIR/ PRESERVATION SHEETS FOR SCOPE

04 EXISTING MONOLITHIC CONCRETE STAIR. PATCH AND REPAIR AND RESURFACE AS NEEDED.

05 NEW CONCRETE LEDGE CAP WITH CHAMFERED EDGE (EDGE PROFILE TO MATCH EXISTING). MATCH COLOR TONE WITH EXISTING LIMESTONE STRUCTURE. PROVIDE MOCKUP SAMPLES FOR OWNER REVIEW AND APPROVAL

06 DASHED LINE DENOTES CENTERLINE

07 NOT USED

08 INFILL EXISTING MASONRY OPENING WITH SALVAGED BRICK. COORDINATE SALVAGE STOCK WITH OWNER. MATCH MORTAR COLOR AND COMPOSITION WITH EXISTING. MATCH BOND LAYOUT FOR SEAMLESS TRANSITION AND INFILL

09 NEW HSS 6X6X1/4 STEEL COLUMN. PAINT WITH HIGH PERFORMANCE EXTERIOR PAINT. BASIS OF DESIGN;

PRIMER
SHERWIN WILLIAMS MACROPOXY 646 EPOXY PRIMER (2 COATS)

FINISH PAINT
SHERWIN WILLIAMS INDUSTRIAL ENAMEL ALKYD (2 COATS)

3

10 NEW 12" REINFORCED CMU WALL W/ CONNECTION TO EXIST MASONRY. SEE WALL SECTION FOR CONNECTION DTL. PAINT TO MATCH BRICK COLOR

11 NEW HSS 6X6X1/4 STEEL BEAM. PAINT WITH HIGH PERFORMANCE EXTERIOR PAINT, PER CL BOD

12 EXISTING LIMESTONE ARCHED ENTRY. PROTECT IN PLACE. SEE REPAIR/ PRESERVATION SHEETS FOR CLEANING AND REPAIR PROCEDURES

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14 NEW CONCRETE LANDING

15 NOT USED

16 NEW CONCRETE PARAPET CAP. MATCH LEDGE CAP

17 SALVAGED CONCRETE BUILDING SIGNAGE. INSET IN EXISTING MASONRY WALL PER SECTION DETAILS

18 NEW BRICK MASONRY END WALL. CONSTRUCT WITH SALVAGED MASONRY, COORDINATE WITH OWNER FOR STOCK. WEAVE NEW BRICK INTO EXISTING TO CREATE SEAMLESS CORNER

19 NEW MASONRY INFILL. USE SALVAGED BRICK TO MATCH EXISTING

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BENJAMIN A. SCHMID 10/07/2026 12655 WINSTON-SALEM, NC

BOONE TRAIL GATEWAY

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Revisions

No.	Description	Date

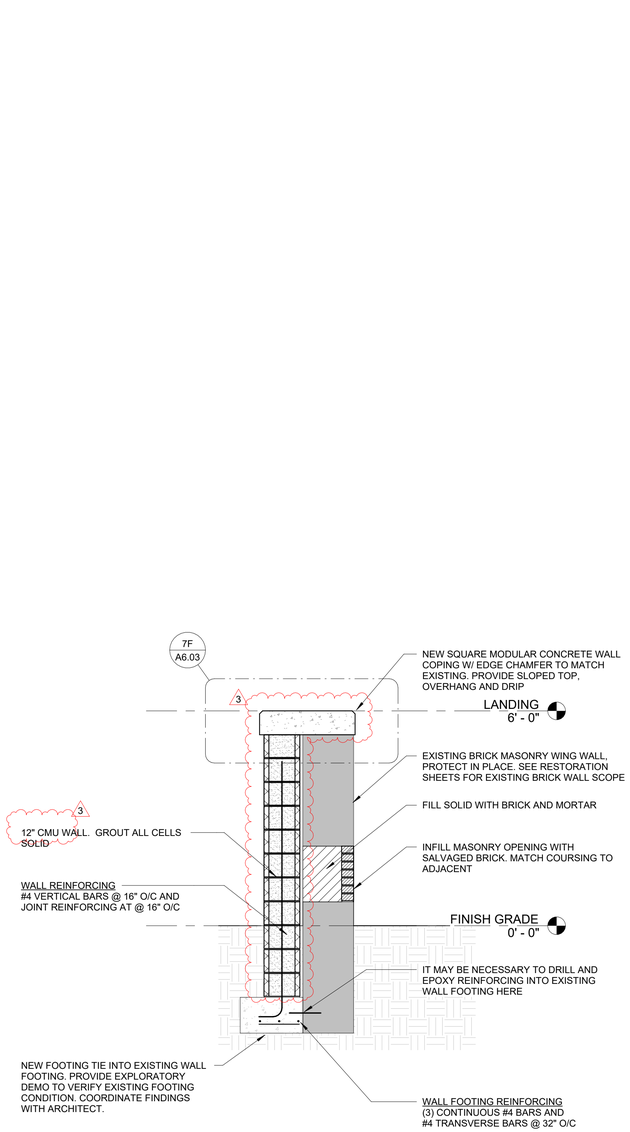
date: 10/07/2026

commission: 23-670

sheet title: ELEVATIONS

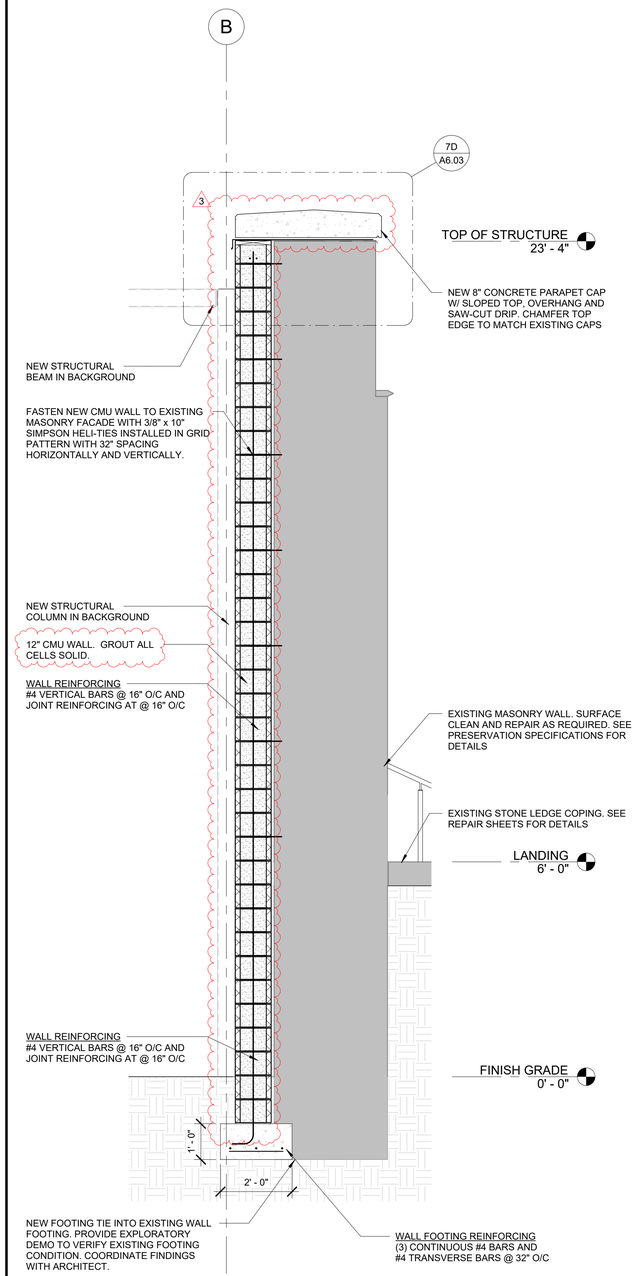
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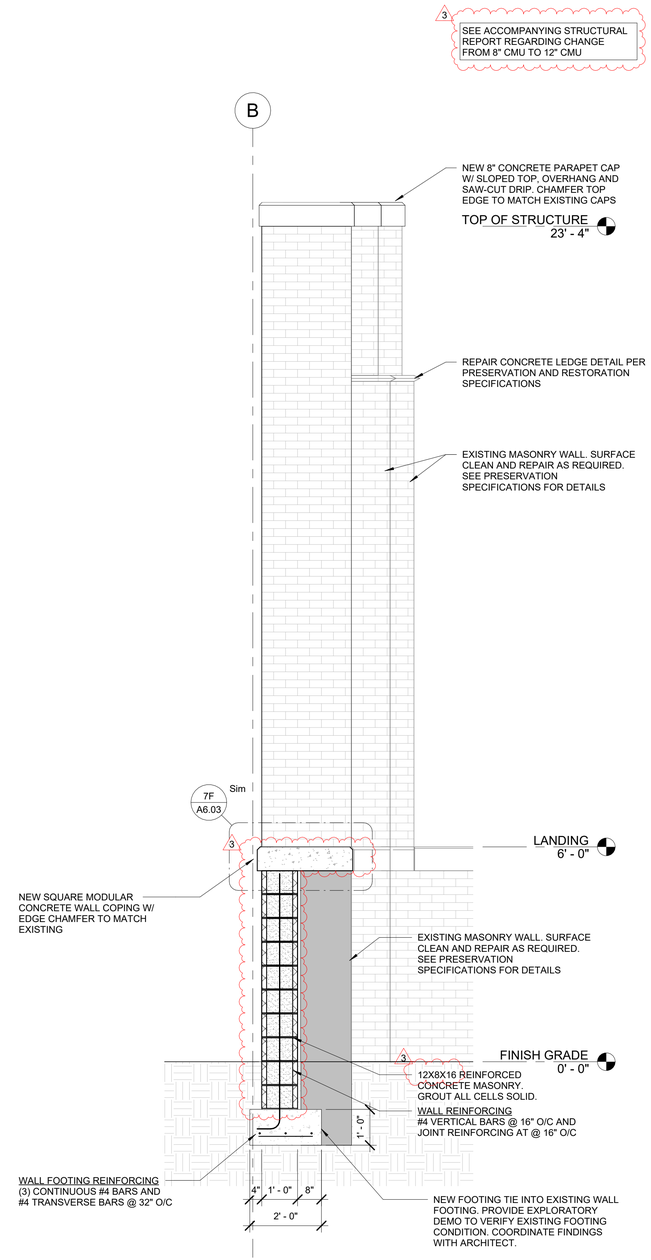
1F SECTION 03

1/2" = 1'-0"



5F SECTION 02

1/2" = 1'-0"



8F SECTION 01

1/2" = 1'-0"

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No.	Description	Date
3	CMU REVISIONS	01/13/26

date: 10/07/2026

commission: 23-670

sheet title: SECTIONS

sheet no.: A6.01

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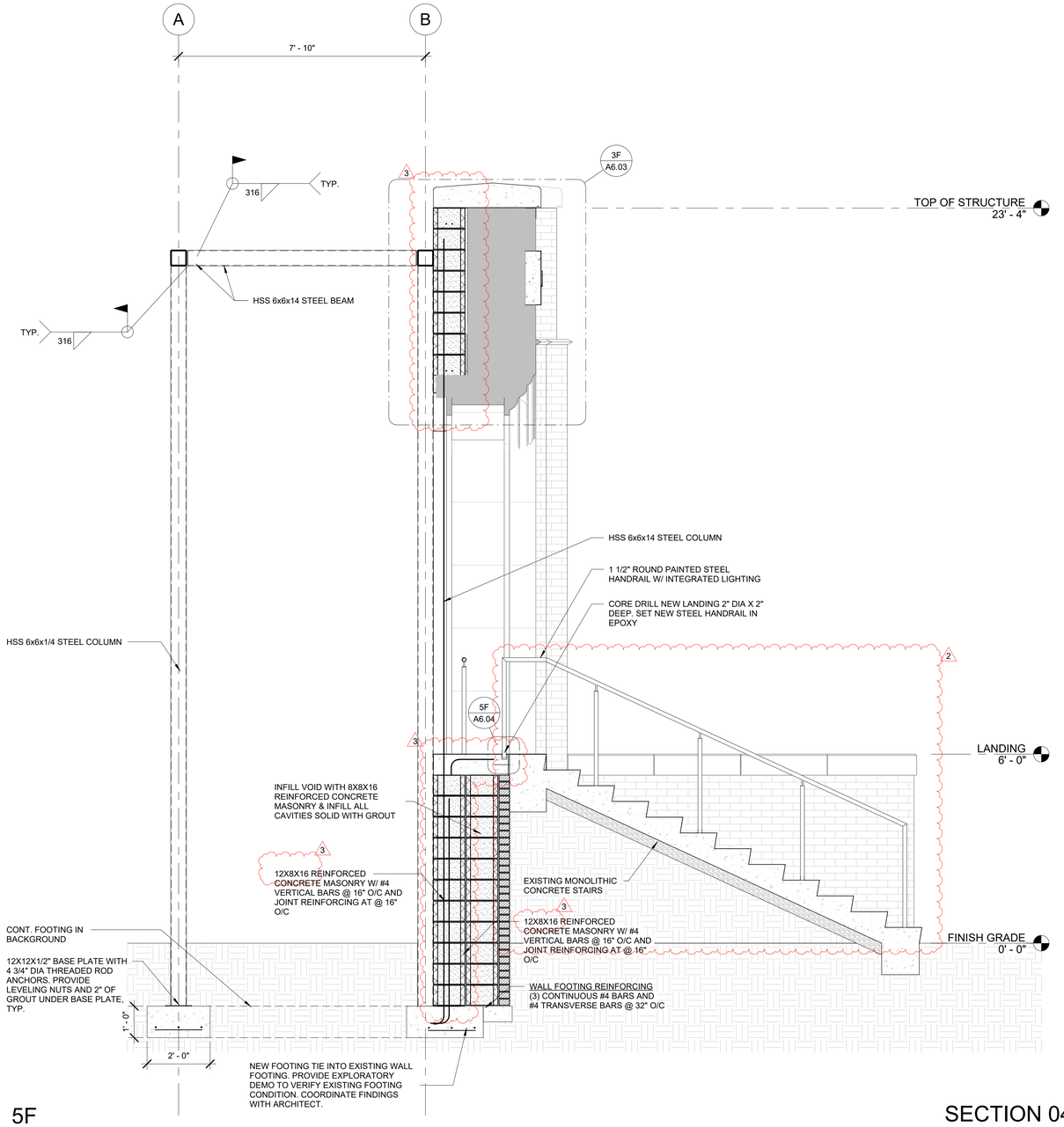
INFILL VOID WITH 8X8X16 REINFORCED CONCRETE MASONRY & INFILL ALL CAVITIES SOLID WITH GROUT



1F

EXISTING PHOTO 04

NOT TO SCALE



5F

SECTION 04

1/2" = 1'-0"

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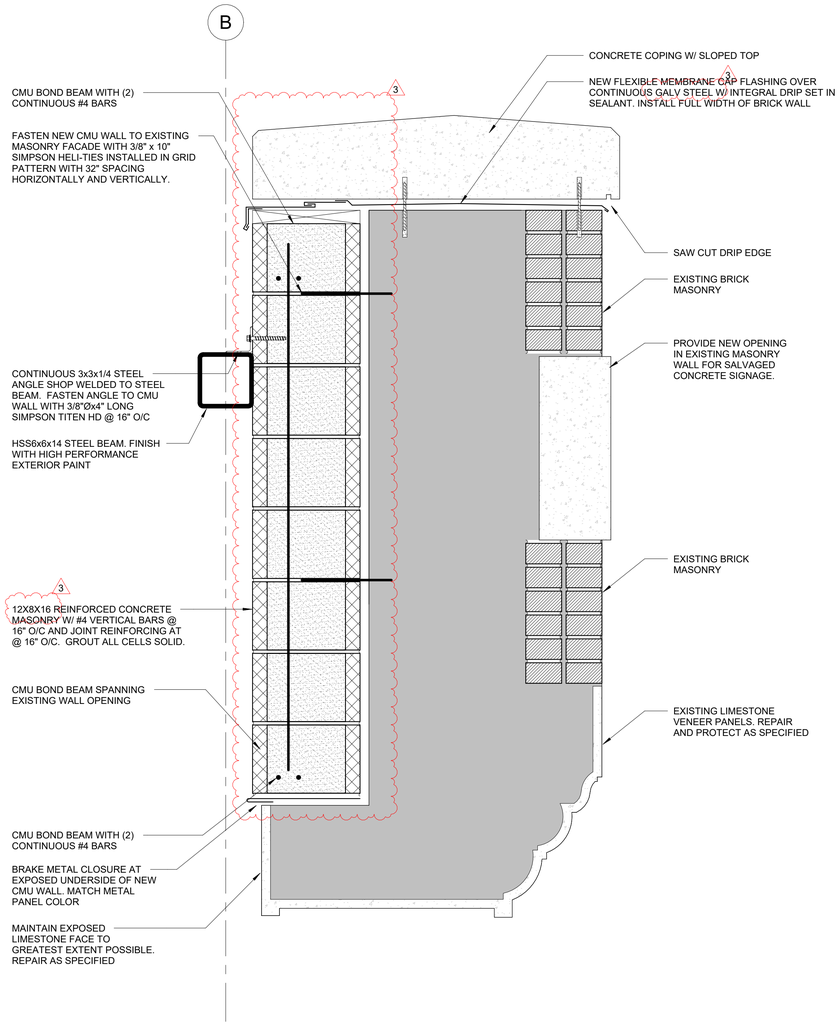
No.	Description	Date
2	HANDRAIL REVISIONS	11/12/25
3	CMU REVISIONS	01/13/26

date: 10/07/2026

commission: 23-670

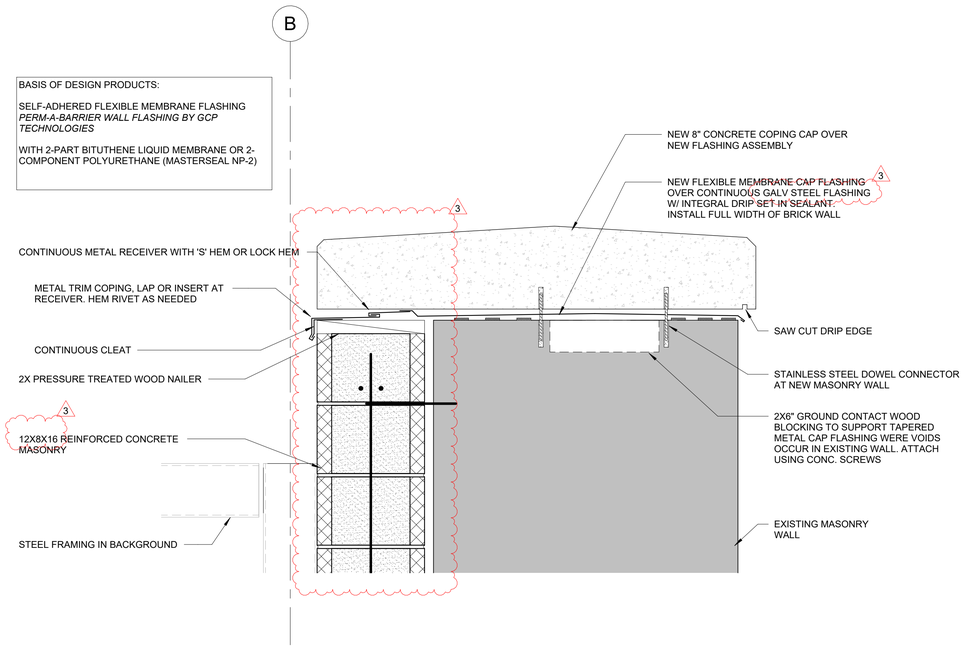
sheet title: SECTIONS

sheet no.: A6.02



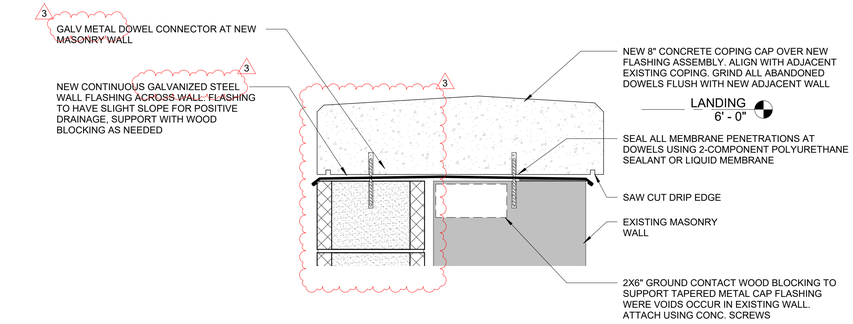
3F WALL HEAD DETAIL

1 1/2" = 1'-0"



7D PARAPET DETAIL

1 1/2" = 1'-0"



7F LEDGE CAP DETAIL

1 1/2" = 1'-0"

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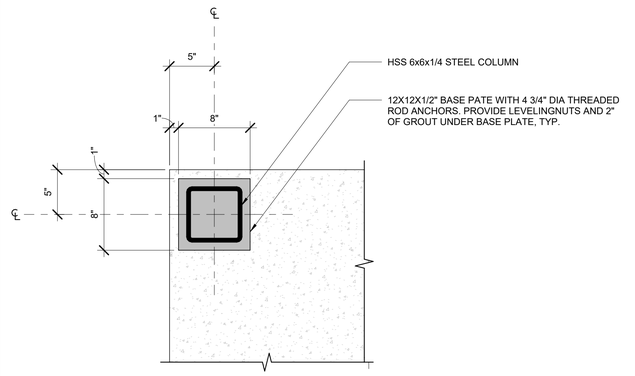
date: 10/07/2026

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sheet no.: A6.03

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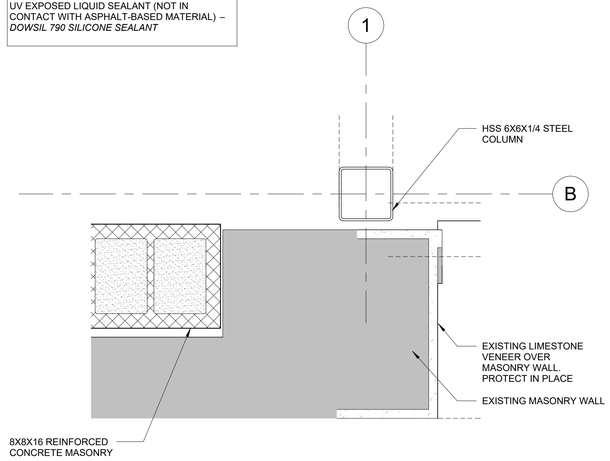


5C TYPICAL COLUMN BASE PLATE

1 1/2" = 1'-0"

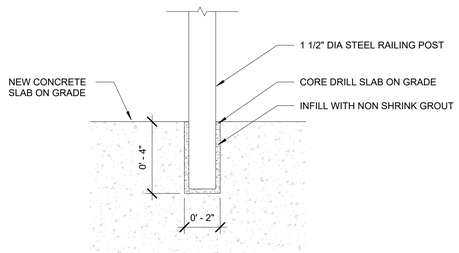
BASIS OF DESIGN PRODUCTS:

UV EXPOSED LIQUID SEALANT (NOT IN CONTACT WITH ASPHALT-BASED MATERIAL) – *DOWSIL 790 SILICONE SEALANT*



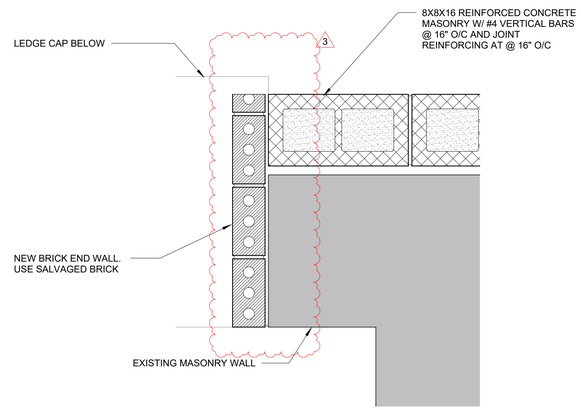
8C PLAN DETAIL 02

1 1/2" = 1'-0"



5F HANDRAIL SECTION DETAIL

3" = 1'-0"



8F PLAN DETAIL 01

1 1/2" = 1'-0"

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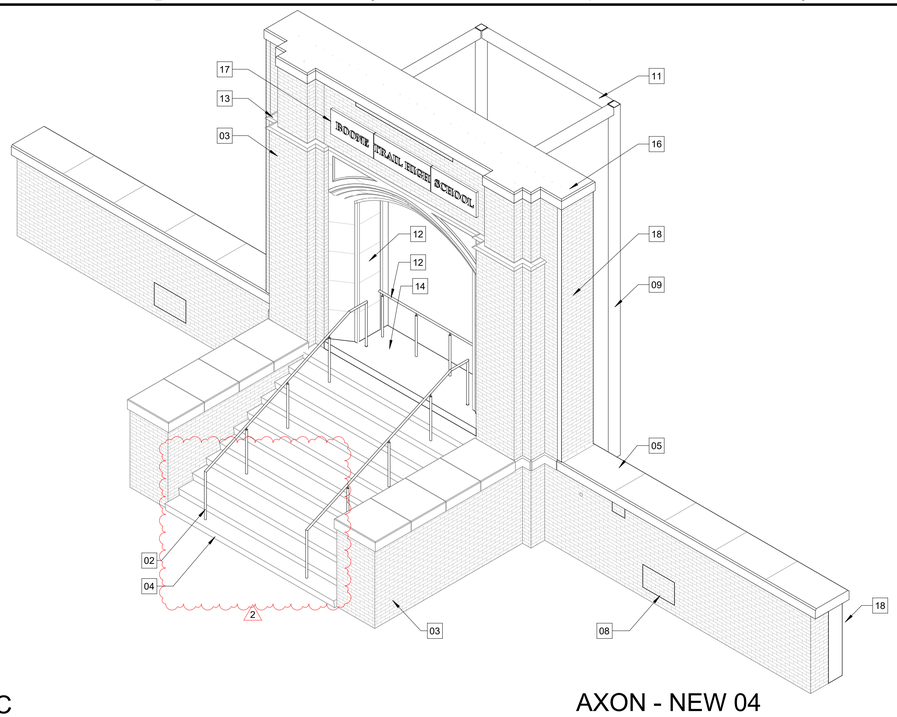
date: 10/07/2026

commission: 23-670

sheet title: DETAILS

sheet no.: A6.04

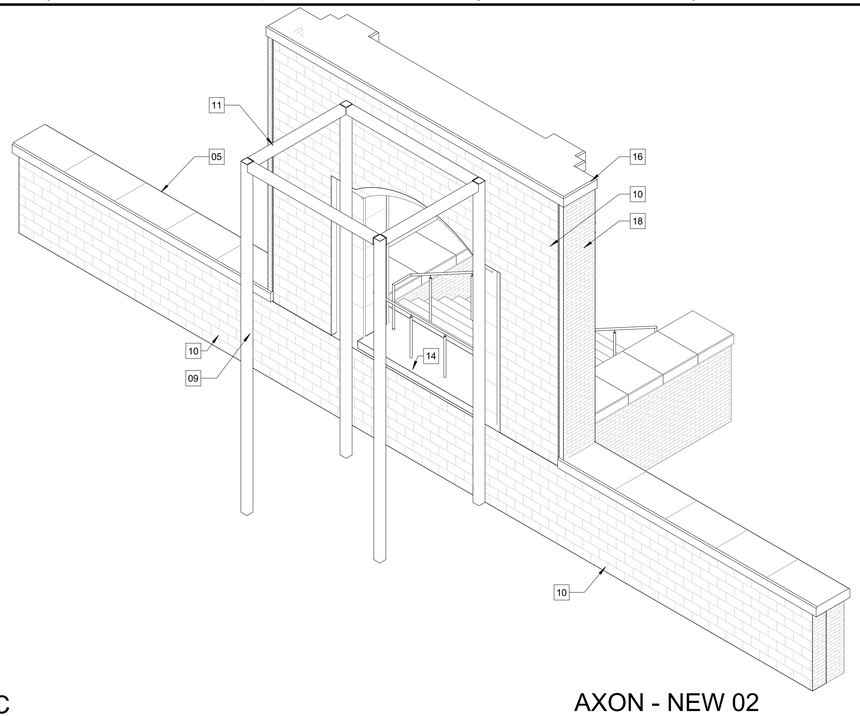
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1C

AXON - NEW 04

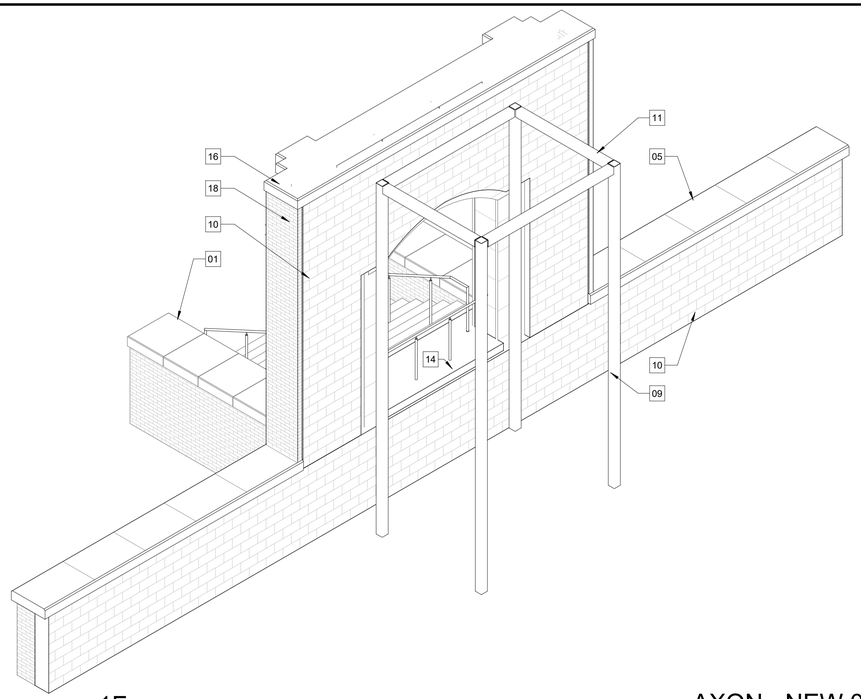
NOT TO SCALE



6C

AXON - NEW 02

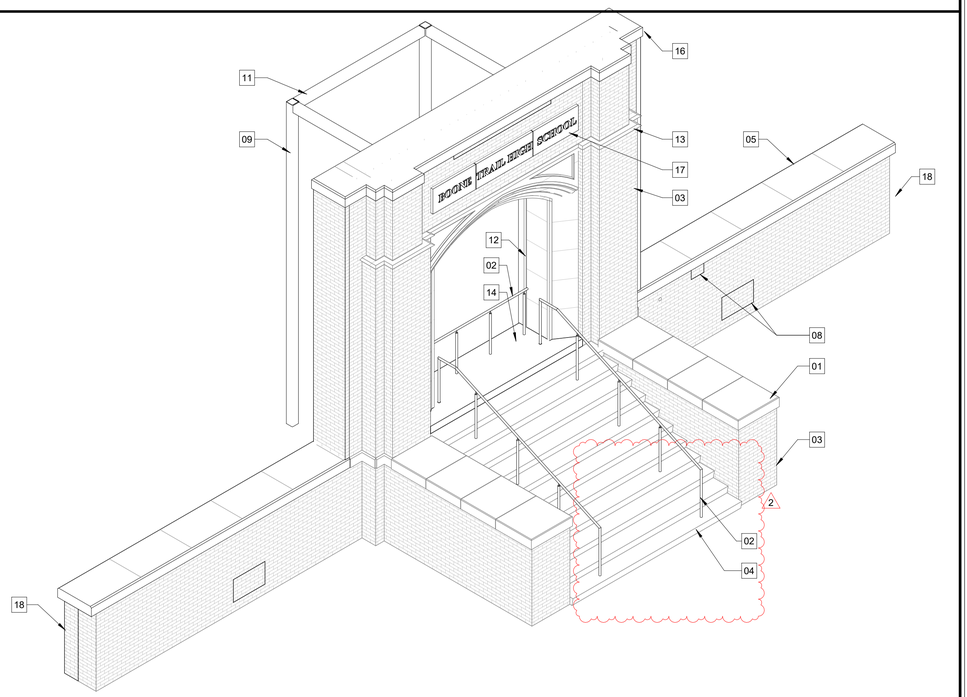
NOT TO SCALE



1F

AXON - NEW 03

NOT TO SCALE



6F

AXON - NEW 01

NOT TO SCALE

KEYED NOTES

01 EXISTING STONE LEDGE CAP. REMOVE, CLEAN AND RESET IN ORIGINAL LOCATION ON MASONRY WALLS

02 1 1/2" DIA STEEL PIPE HANDRAIL. PAINT WITH HIGH PERFORMANCE PAINT, COLOR TBD

03 EXISTING BRICK MASONRY WALL TO REMAIN. SEE REPAIR/ PRESERVATION SHEETS FOR SCOPE

04 EXISTING MONOLITHIC CONCRETE STAIR. PATCH AND REPAIR AND RESURFACE AS NEEDED.

05 NEW CONCRETE LEDGE CAP WITH CHAMFERED EDGE (EDGE PROFILE TO MATCH EXISTING). MATCH COLOR TONE WITH EXISTING LIMESTONE STRUCTURE. PROVIDE MOCKUP SAMPLES FOR OWNER REVIEW AND APPROVAL

06 DASHED LINE DENOTES CENTERLINE

07 NOT USED

08 INFILL EXISTING MASONRY OPENING WITH SALVAGED BRICK. COORDINATE SALVAGE STOCK WITH OWNER. MATCH MORTAR COLOR AND COMPOSITION WITH EXISTING. MATCH BOND LAYOUT FOR SEAMLESS TRANSITION AND INFILL

09 NEW HSS 6X6X1/4 STEEL COLUMN. PAINT WITH HIGH PERFORMANCE EXTERIOR PAINT. BASIS OF DESIGN;

PRIMER
SHERWIN WILLIAMS MACROPOXY 646 EPOXY PRIMER (2 COATS)

FINISH PAINT
SHERWIN WILLIAMS INDUSTRIAL ENAMEL ALKYD (2 COATS)

3 10 NEW 12" REINFORCED CMU WALL W/ CONNECTION TO EXIST MASONRY. SEE WALL SECTION FOR CONNECTION DTL. PAINT TO MATCH BRICK COLOR.

11 NEW HSS 6X6X1/4 STEEL BEAM. PAINT WITH HIGH PERFORMANCE EXTERIOR PAINT, PER CL BOD

12 EXISTING LIMESTONE ARCHED ENTRY. PROTECT IN PLACE. SEE REPAIR/ PRESERVATION SHEETS FOR CLEANING AND REPAIR PROCEDURES

13 EXISTING DECORATIVE LIMESTONE BANDING TO REMAIN. PROTECT AND REPAIR PER REPAIR/ PRESERVATION SHEETS

14 NEW CONCRETE LANDING

15 NOT USED

16 NEW CONCRETE PARAPET CAP. MATCH LEDGE CAP

17 SALVAGED CONCRETE BUILDING SIGNAGE. INSET IN EXISTING MASONRY WALL PER SECTION DETAILS

18 NEW BRICK MASONRY END WALL. CONSTRUCT WITH SALVAGED MASONRY, COORDINATE WITH OWNER FOR STOCK. WEAVE NEW BRICK INTO EXISTING TO CREATE SEAMLESS CORNER

19 NEW MASONRY INFILL. USE SALVAGED BRICK TO MATCH EXISTING

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AXON DIAGRAMS

sheet no.:
A9.01

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5C

CONCEPTUAL RENDERING 02

NOT TO SCALE



5F

CONCEPTUAL RENDERING 01

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CONCEPTUAL RENDERINGS

sheet no.:
A9.02

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