

**Abbreviations**

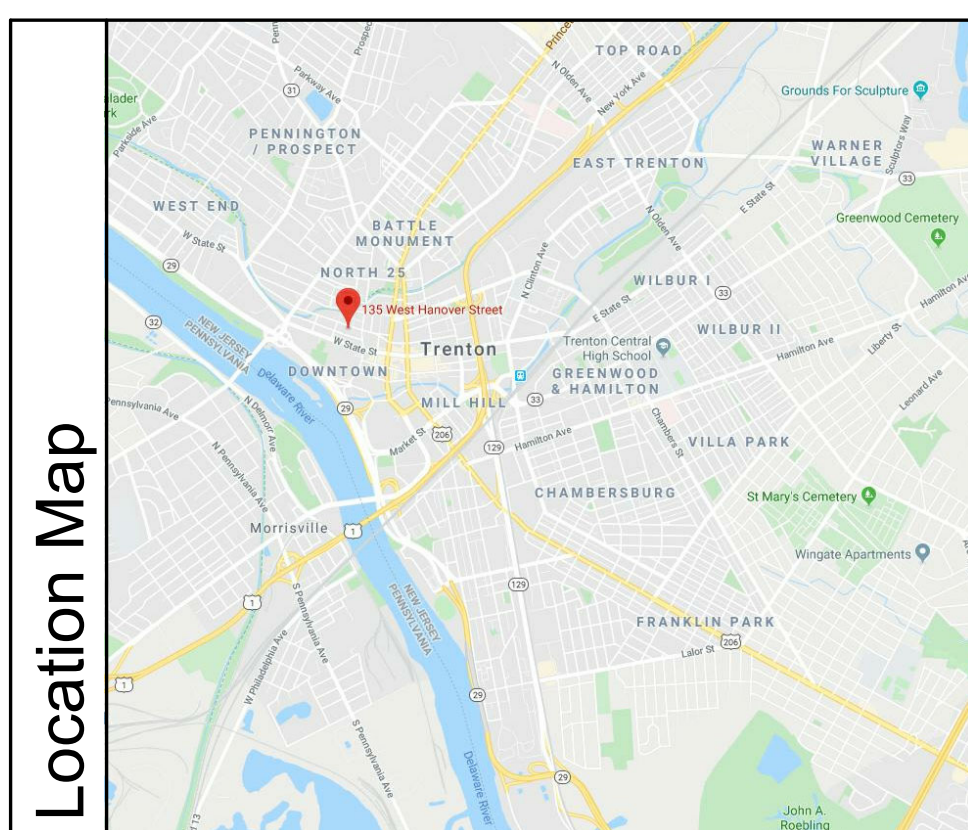
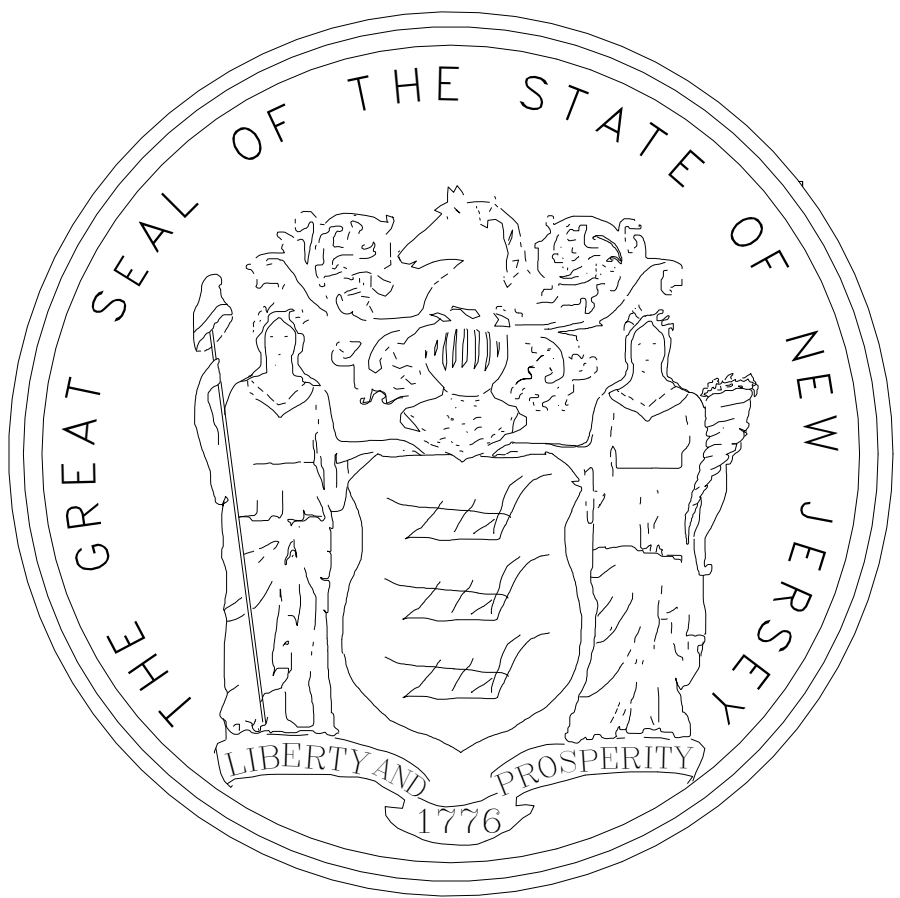
<b>A</b>	ABOVE	<b>J</b>	JANITORS CLOSET
<b>ABV</b>	ABOVE FINISHED FLOOR	<b>JT</b>	JOINT
<b>AFF</b>	ACOUSTICAL	<b>JF</b>	JOINT FILLER
<b>ACOUST</b>	ACOUSTICAL CEILING TILE	<b>J</b>	JOIST
<b>ACT</b>	ADHESIVE	<b>K</b>	KITCHEN
<b>ADH</b>	ADHESIVE	<b>KW</b>	KILOWATTS
<b>AGGR</b>	AGGREGATE	<b>L</b>	LEAVING AIR TEMPERATURE
<b>A/C</b>	AIR CONDITIONING	<b>LBL</b>	LABEL
<b>ALUM</b>	ALUMINUM	<b>LAM</b>	LAMINATE(D)
<b>ANCH</b>	ANCHOR, ANCHORAGE	<b>LAV</b>	LAVATORY
<b>ANOD</b>	ANODIZED	<b>LH</b>	LEFT HAND
<b>APRX</b>	APPROXIMATE	<b>L</b>	LENGTH, LONG
<b>ARCH</b>	ARCHITECT (URAL)	<b>LL</b>	REFRIGERANT LIQUID LINE
<b>AVG</b>	AVERAGE	<b>LRA</b>	LOCKED ROTOR AMPS
<b>B</b>	BASEMENT	<b>LT</b>	LIGHT
<b>BSMT</b>	BASEMENT	<b>LF</b>	LINEAIL FOOT
<b>BRG</b>	BEARING	<b>LP</b>	LOW POINT
<b>BLW</b>	BELOW	<b>M</b>	MANUFACTURE(R)
<b>BTW</b>	BETWEEN	<b>MFR</b>	MASONRY
<b>BVL</b>	BEVELED	<b>MAS</b>	MASONRY OPENING
<b>BHP</b>	BRAKE HORSE POWER	<b>MO</b>	MATERIAL(S)
<b>BIT</b>	BITUMINOUS	<b>MAT</b>	MAXIMUM
<b>BLK</b>	BLOCK	<b>MECH</b>	MECHANICAL
<b>BLKG</b>	BLOCKING	<b>MC</b>	MECHANICAL CONTRACTOR
<b>BD</b>	BOARD	<b>MTL</b>	METAL
<b>BO</b>	BOTTOM OF	<b>M</b>	METER(S)
<b>BLDG</b>	BUILDING	<b>MIN</b>	MINIMUM
<b>C</b>	CASEMENT	<b>MISC</b>	MISCELLANEOUS
<b>CSMT</b>	CAST STONE	<b>MR</b>	MOUNT(ED), MOUNTING
<b>CS</b>	CEILING	<b>MT</b>	
<b>CLG</b>	CEILING HEIGHT	<b>N</b>	NOISE REDUCTION COEFFICIENT
<b>CH</b>	CEMENT	<b>NRC</b>	NOISE REDUCTION COEFFICIENT
<b>CEM</b>	CEMENT	<b>NOM</b>	NOMINAL
<b>CL</b>	CENTER LINE	<b>NC</b>	NOT IN CONTRACT
<b>CER</b>	CERAMIC	<b>NTS</b>	NOT TO SCALE
<b>CT</b>	CERAMIC TILE	<b>O</b>	ON CENTER(S)
<b>CIR</b>	CIRCLE	<b>OC</b>	ON CENTER(S)
<b>CO</b>	CLEAN OUT	<b>OPG</b>	OPENING
<b>COL</b>	COLUMN	<b>OPP</b>	OPPOSITE
<b>CONC</b>	CONCRETE	<b>OD</b>	OUTSIDE DIAMETER/DIMENSION
<b>CONC</b>	CONCRETE MASONRY UNIT	<b>OA</b>	OVERALL OR OUTSIDE AIR
<b>CMU</b>	CONSTRUCTION	<b>P</b>	PRESSURE DROP
<b>CONST</b>	CONTINUOUS, CONTINUE	<b>PD</b>	PAINT(ED)
<b>CONT</b>	CONTRACT(OR)	<b>PNL</b>	PANEL
<b>CONTR</b>	CONTROL JOINT	<b>PED</b>	PEDESTAL
<b>CJ</b>	CORRUGATED	<b>PERF</b>	PERFORATE(D)
<b>CORR</b>	COUNTER	<b>PERIM</b>	PERIMETER
<b>CT</b>	CUBIC	<b>PLAS</b>	PLASTER
<b>CU</b>	CUBIC FEET PER MINUTE	<b>PL</b>	PLATE
<b>CFM</b>	CUBIC FEET PER MINUTE	<b>PC</b>	PLUMBING CONTRACTOR OR PRECAST
<b>CW</b>	COLD WATER	<b>PLYD</b>	PLYWOOD
<b>CYD</b>	CUBIC YARD	<b>PT</b>	POINT OR PRESSURE TREATED
<b>D</b>	DEMOLISH, DEMOLITION	<b>PVC</b>	POLYVINYL CHLORIDE
<b>DEPR</b>	DEPRESSED	<b>PSI</b>	POUNDS PER SQUARE INCH
<b>DTL</b>	DETAIL	<b>PREFAB</b>	PREFABRICATE(D)
<b>DIAG</b>	DIAGONAL	<b>PLAM</b>	PLASTIC LAMINATE
<b>DIAM</b>	DIAMETER	<b>R</b>	RADIUS
<b>DIM</b>	DIMENSION	<b>RD</b>	ROOF DRAIN
<b>DW</b>	DISHWASHER	<b>REF</b>	REFER, REFERENCE OR REFRIGERATOR
<b>DV</b>	DIVISION	<b>RFL</b>	REFLECT(ED)
<b>DN</b>	DOWN	<b>REIN</b>	REINFORCE(D), REINFORCING
<b>DR</b>	DOOR	<b>RESIL</b>	RESILIENT
<b>DS</b>	DOUBLE HUNG	<b>REV</b>	REVISION, REVISED
<b>DF</b>	DOWNSPOUT	<b>REQD</b>	REQUIRED
<b>DB</b>	DRAWER BASE CABINET	<b>RH</b>	RIGHT HAND
<b>DWG</b>	DRAWING	<b>RFG</b>	ROOFING
<b>EAT</b>	ENTERING AIR TEMPERATURE	<b>RM</b>	ROOM
<b>ELEC</b>	ELECTRICAL	<b>RO</b>	ROUGH OPENING
<b>EC</b>	ELECTRICAL CONTRACTOR	<b>RPM</b>	ROTATIONS PER MINUTE
<b>EP</b>	ELECTRICAL PANELBOARD	<b>RS</b>	REFRIGERANT SUCTION LINE
<b>EWC</b>	ELECTRIC WATER COOLER	<b>RWC</b>	RAIN WATER CONDUIT
<b>ELEV</b>	ELEVATION OR ELEVATOR	<b>S</b>	SANITARY
<b>ENCL</b>	ENCLOSURE	<b>SECT</b>	SECTION
<b>EQ</b>	EQUAL	<b>SHT</b>	SHEET
<b>EQUIP</b>	EQUIPMENT	<b>SIM</b>	SIMILAR
<b>EXH</b>	EXHAUST	<b>SK</b>	SKETCH
<b>EXH</b>	EXHAUST FAN	<b>SPEC</b>	SPECIFICATION(S)
<b>ESP</b>	EXTERNAL STATIC PRESSURE	<b>SQ</b>	SQUARE
<b>EXIST</b>	EXISTING	<b>SI</b>	SQUARE INCH
<b>ER</b>	EXISTING TO BE RELOCATED	<b>SF</b>	SQUARE FEET (FOOT)
<b>E</b>	EXISTING TO REMAIN	<b>SQFT</b>	SQUARE FEET (FOOT)
<b>EXP</b>	EXPOSED	<b>SY</b>	SQUARE YARD
<b>EXT</b>	EXTERIOR	<b>SS</b>	STAINLESS STEEL OR SERVICE SINK
<b>EW</b>	EYE WASH	<b>STD</b>	STANDARD
<b>F</b>	FLOOR	<b>STL</b>	STEEL
<b>FLR</b>	FLOOR OR FLOORING	<b>STR</b>	STRUCTURE, STRUCTURAL
<b>FD</b>	FLOOR DRAIN	<b>SUSP</b>	SUSPENDED
<b>FIN</b>	FINISH, FINISHED	<b>T</b>	TO BE CONFIRMED
<b>FF</b>	FINISHED FLOOR	<b>TBD</b>	TO BE DETERMINED
<b>FLSHG</b>	FLASHING	<b>TDH</b>	TOTAL DYNAMIC HEAD
<b>FLUR</b>	FLUORESCENT	<b>THK</b>	THICKNESS
<b>FT</b>	FEET, FOOT	<b>TLT</b>	TILE
<b>FTG</b>	FOOTING	<b>TOP</b>	TOP OF
<b>FOUND</b>	FOUNDATION	<b>TYP</b>	TYPICAL
<b>FPM</b>	FEET PER MINUTE	<b>U</b>	UNLESS OTHERWISE NOTED
<b>FRMG</b>	FRAMING, FRAME	<b>UON</b>	UNLESS OTHERWISE NOTED
<b>FR GL</b>	FROSTED GLASS	<b>UR</b>	URINAL
<b>FV</b>	FIELD VERIFY	<b>V</b>	VOLUME DAMPER
<b>G</b>	GAGE, GAUGE	<b>VD</b>	VOLUME DAMPER
<b>GAL</b>	GALLONS	<b>VERT</b>	VERTICAL
<b>GALV</b>	GALVANIZED	<b>VIF</b>	VERIFY IN FIELD
<b>GC</b>	GENERAL CONTRACTOR	<b>VCT</b>	VINYL COMPOSITION TILE
<b>GFP</b>	GOVERNMENT FURNISHED PROPERTY	<b>VT</b>	VINYL TILE
<b>GL</b>	GLASS, GLAZING	<b>VTR</b>	VENT THROUGH ROOM
<b>GPM</b>	GALLONS PER MINUTE	<b>W</b>	WATER HEATER
<b>GRD</b>	GRADE, GRADING	<b>WF</b>	WATER FOUNTAIN
<b>GWB</b>	GYPSON WALL BOARD	<b>WASCT</b>	WAINSCOT
<b>H</b>	HOSE BIB	<b>WC</b>	WATER CLOSET
<b>HB</b>	HARDWARE	<b>WP</b>	WEATHERPROOF/WATERPROOF
<b>HDW</b>	HARDWOOD	<b>WWF</b>	WELDED WIRE FABRIC
<b>HDR</b>	HEADER	<b>WB</b>	WET BULB TEMPERATURE
<b>HTG</b>	HEATING	<b>W</b>	WIDTH, WIDE
<b>HTAC</b>	HEATING/VENTILATING/AIR CONDITIONING	<b>WDOW</b>	WINDOW
<b>HT</b>	HEIGHT	<b>WI</b>	WITH
<b>HM</b>	HOLLOW METAL	<b>W/O</b>	WITHOUT
<b>HORIZ</b>	HORIZONTAL	<b>WD</b>	WOOD
<b>HP</b>	HORSE POWER, HIGH POINT	<b>W/D</b>	WASHER DRYER
<b>HTW</b>	HIGH TEMPERATURE WATER	<b>Y</b>	YARD(S)
<b>HW</b>	HOT WATER	<b>YD</b>	YARD(S)
<b>HWH</b>	HOT WATER HEATER		
<b>HWR</b>	HOT WATER RETURN		
<b>HWS</b>	HOT WATER SUPPLY		
<b>I</b>	INCHES		
<b>IN</b>	INCLUDE(D), INCLUDING		
<b>INFO</b>	INFORMATION		
<b>ID</b>	INSIDE DIAMETER/DIMENSION		
<b>INSUL</b>	INSULATE(D), INSULATION		
<b>INT</b>	INTERIOR		

# RESTORATION UPGRADES TO EXTERIOR BUILDING ENVELOPE

## 135 W HANOVER ST. TRENTON, NJ

### DPMC PROJECT # A1310-00

STATE OF NEW JERSEY  
 HONORABLE PHILIP D. MURPHY, GOVERNOR  
 HONORABLE SHEILA Y. OLIVER, LIEUTENANT GOVERNOR  
 DEPARTMENT OF THE TREASURY  
 ELIZABETH MAHER MUOIO, STATE TREASURER  
 DIVISION OF PROPERTY MANAGEMENT & CONSTRUCTION  
 CHRISTOPHER CHIANESE, DIRECTOR



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6	A102	New Roof Details	•
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**Building Data**

REHABILITATION CATEGORY: RENOVATIONS AND REPAIR, PER THE UNIFORM CONSTRUCTION CODE, SUBCHAPTER 6, REHABILITATION SUBCODE

CODE UTILIZED: -UNIFORM CONSTRUCTION CODE OF THE STATE OF JERSEY, SUBCHAPTER 6, REHABILITATION SUBCODE  
 -INTERNATIONAL BUILDING CODE 2018, NJ EDITION  
 -NATIONAL ELECTRICAL CODE 2017 EDITION (NFPA 70)  
 -NATIONAL STANDARD PLUMBING CODE 2018 EDITION  
 -ASHRAE 90.1 - 2016

USE GROUP: "B", BUSINESS

CONSTRUCTION TYPE: II A

WORK AREA: 9,840 SF

SPRINKLERED: YES

NOTE: THE PRESENCE OF MICROBIAL GROWTH (MOLD) EXISTS WITHIN THE BUILDING. THE CONTRACTOR SHALL COMPLY WITH THE PUBLIC EMPLOYEES OCCUPATIONAL SAFETY AND HEALTH PROGRAM "MOLD IN WORKPLACE PREVENTION AND CONTROL" BULLETIN WHEN IMPACTS TO MICROBIAL SURFACES ARE ANTICIPATED.

**ODONELL & NACCARATO**  
 STRUCTURAL ENGINEERS  
 701 MARKET STREET  
 SUITE 4000  
 PHILADELPHIA, PENNSYLVANIA 19106-3624  
 TELEPHONE: (215) 925-3788  
 Project No. 0323034500

### DPMC Restoration Upgrades to Exterior Building Envelope

**Location**  
 135 W Hanover St, Trenton, New Jersey

**Project Number**  
 DPMC: A1310-00

**Date**  
 L&G: 19504  
 7/30/2019

**Architect**  
**LAMMEY + GIORGIO** Lamme + Giorgio Architecture + Design  
 215 Highland Ave, Suite B  
 Haddon Twp, NJ, 08108  
 p.856.833.0010

#	Issue/Revision	Date
1	Design Development Submission	09/06/2019
2	Final Design Submission	11/26/2019
3	Final Design Submission 2	02/24/2020
4	Final Design Submission 3	03/09/2020

**Sheet Title**  
 Title Sheet

**Sheet No.**  
**T000**  
 Sheet 1 of 20  
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**ENERGY CODE COMPLIANCE - ROOF & WALLS**

**TABLE 5.5-5 BUILDING ENVELOPE REQUIREMENTS FOR CLIMATE ZONE 5A**

NON RESIDENTIAL			
OPAQUE ELEMENTS	REQUIRED INSULATION MIN. R-VALUE	PROVIDED INSULATION R-VALUE	COMPLIANCE
INSULATION ENTIRELY ABOVE DECK	R-30c.i.	R-31.8c.i.	YES
NON RESIDENTIAL			
FENESTRATIONS	ASSEMBLY MAXIMUM U	ASSEMBLY MAXIMUM SHGC	ASSEMBLY MINIMUM VT/SHGC
NONMETAL FRAMING, ALL	U-0.31	SHGC-0.38	1.10
METAL FRAMING, ENTRANCE DOOR	U-0.68	SHGC-0.38	1.10

**STRUCTURAL LOADING SCHEDULE**

**DESIGN LOAD SCHEDULE**  
 (ALL LOADS SHOWN ARE IN POUNDS PER SQ. FT.)

COMPONENT	ROOF	FLOOR
ROOF & INSULATION	6.02	
STEEL & JOIST	5	
CONC. SLAB/PLAN	75	
MEP	-	
COLLATERAL	-	
TOTAL DEAD LOAD	26	
TOTAL LIVE LOAD	-	
TOTAL LOAD	-	

**LATERAL LOAD DESIGN SCHEDULE**  
 INTERNATIONAL BUILDING CODE 2018 NJ EDITION/ASCE 7-10

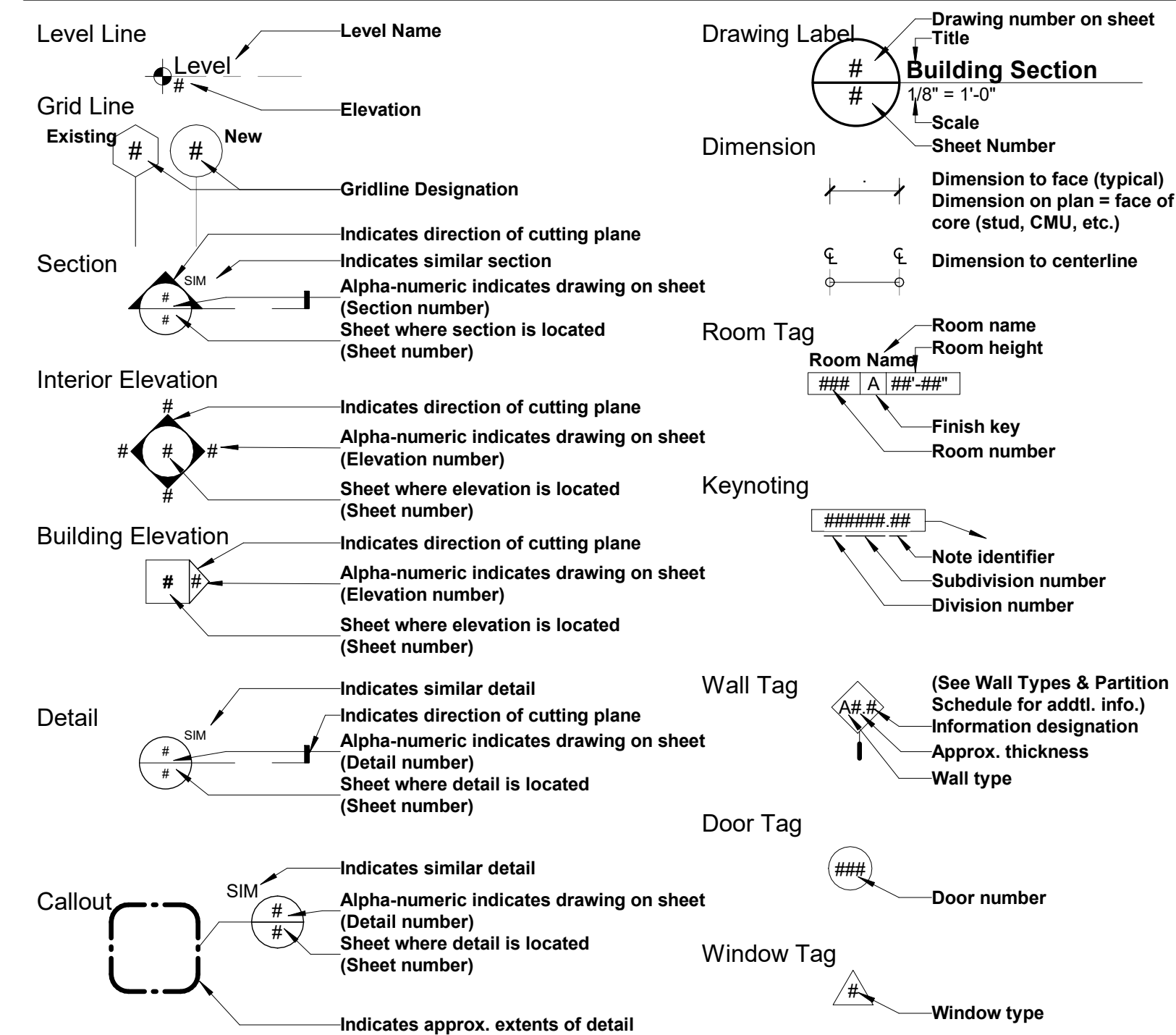
WIND LOAD			
ITEM	SYMBOL	VALUE	REFERENCE
BASIC WIND SPEED (3 SEC. GUST)	V <sub>ult</sub>	115	FIGURE 1609
BASIC CATEGORY	-	II	TABLE 1604.5
WIND EXPOSURE CATEGORY	-	B	SECTION 1609.4.3

**WALL COMPONENTS & CLADDING: DESIGN WIND PRESSURES (LB/SQ. FT.)**  
 (INTERNATIONAL PRESSURE COEFFICIENTS, G<sub>CPI</sub>=+0.18)

TRIBUTARY AREA (SQ. FT.)	10	20	50	100	500
ZONE 1	-39.5	-37	-34.5	-32	-29.5
ZONE 2	-42	-39.3	-34.5	-32	-29.5
ZONE 3	-44.5	-42	-34.5	-32	-29.5
ZONE 4	+271.27	+271.27	+24.51/28.3	+23.31/24.5	+19.51/22
ZONE 5	+271.49.5	+271.49.5	+24.51/43.3	+23.31/43.3	+19.51/29.5

POSTIVE PRESSURE: ACTING TOWARD SURFACE  
 NEGATIVE PRESSURE: ACTING AWAY FROM SURFACE  
 CONER ZONE: WITHIN 6'-6" FROM BUILDING CORNERS ALONG NORTH/SOUTH/EAST/WEST FACES.  
 NOTE: 1) ZONE DESIGNATIONS AS PER ASCE 7-10.

**Conventions**

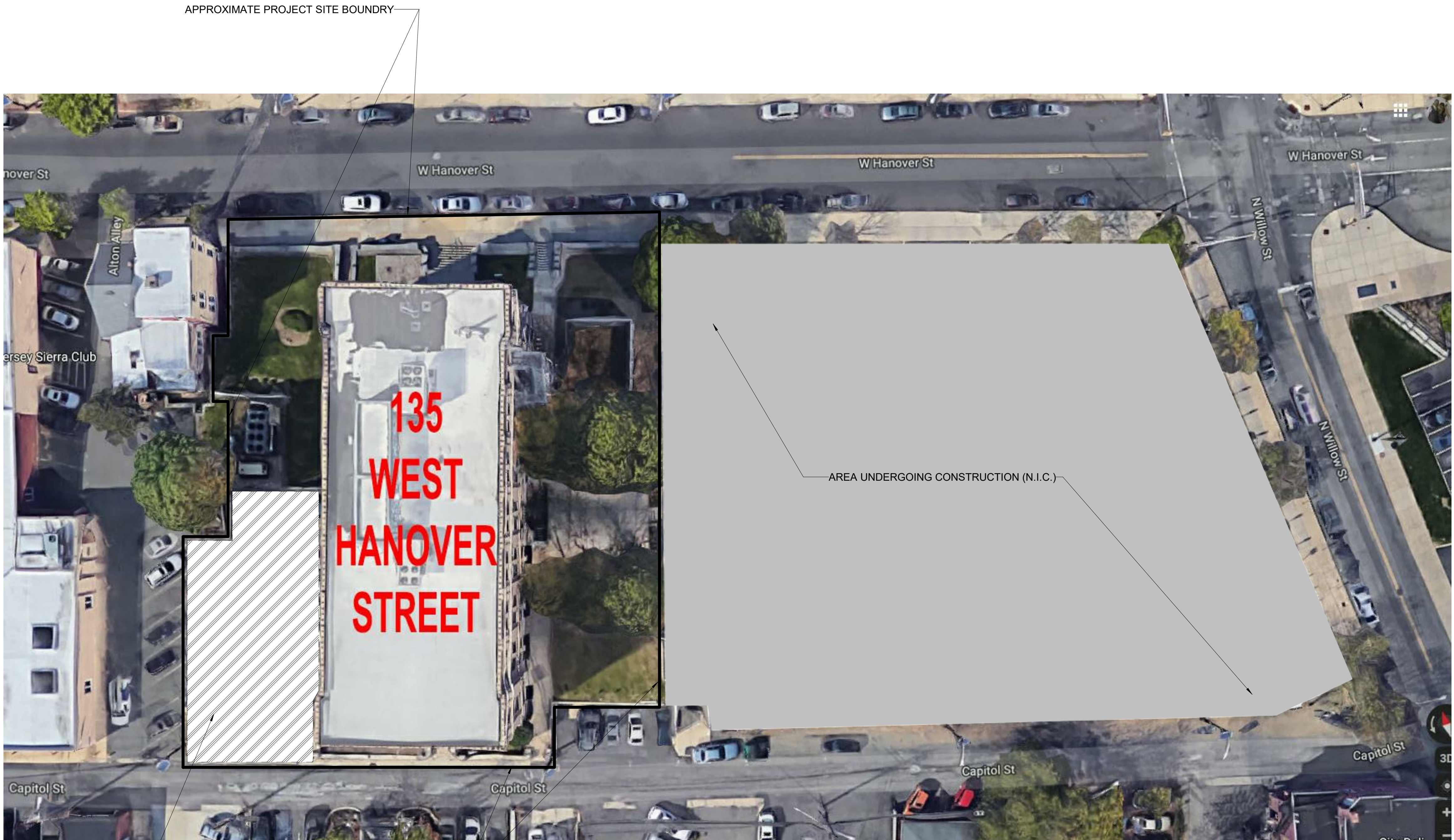


**General Notes**

- A KEYNOTING SYSTEM IS USED ON THE DRAWINGS FOR MATERIALS, REFERENCES, AND NOTES. REFER TO THE KEYNOTE LEGEND ON THE SHEET FOR THE INFORMATION WHICH RELATES TO EACH KEYNOTE ON THE RESPECTIVE DRAWING.
- THE ORGANIZATION OF THE KEYNOTING SYSTEM ON THE DRAWINGS, WITH THE KEYNOTE REFERENCE NUMBERS, SHALL NOT CONTROL THE CONTRACTOR IN DIVIDING THE WORK AMONG SUBCONTRACTOR'S OR IN ESTABLISHING THE EXTENT OF WORK TO BE PERFORMED BY ANY TRADE.
- DO NOT SCALE DRAWINGS. EXISTING CONDITIONS MAY VARY. CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS AT THE BUILDING/SITE BEFORE BEGINNING WORK.
- ALL WORK INDICATED ON THESE DOCUMENTS HAS BEEN DESIGNED TO MEET THE NEW JERSEY UNIFORM CONSTRUCTION CODE, ALL SUB-CODES, AND KC/ANSI A117.1-1992. CONTRACTOR TO PERFORM ALL WORK IN ACCORDANCE WITH ABOVE MENTIONED CODES, THE NATIONAL STANDARD PLUMBING CODE, AND THE NATIONAL ELECTRICAL CODE.

**Symbol Legend**

	Earth		Stone
	Gravel		Spray Fireproofing
	Concrete		Masonry
	Rigid Insulation		Rough Wood
	Steel		Finished Wood
	Gypsum Wallboard		Concrete Masonry Unit
	Insulation		North Arrow (True)



- CONTRACTOR STAGING AREA  
(AREA IS ALREADY FENCED)
1. DUMPSTER LOCATION
  2. PORTABLE TOILET LOCATION
  3. MATERIAL STORAGE LOCATION
  4. CONTRACTOR PARKING



1 Logistics Plan  
LP101 NTS

**DPMC Restoration  
Upgrades to Exterior  
Building Envelope**

**Location**  
135 W Hanover St. Trenton,  
New Jersey

**Project Number**  
DPMC: A1310-00  
L&G: 19504

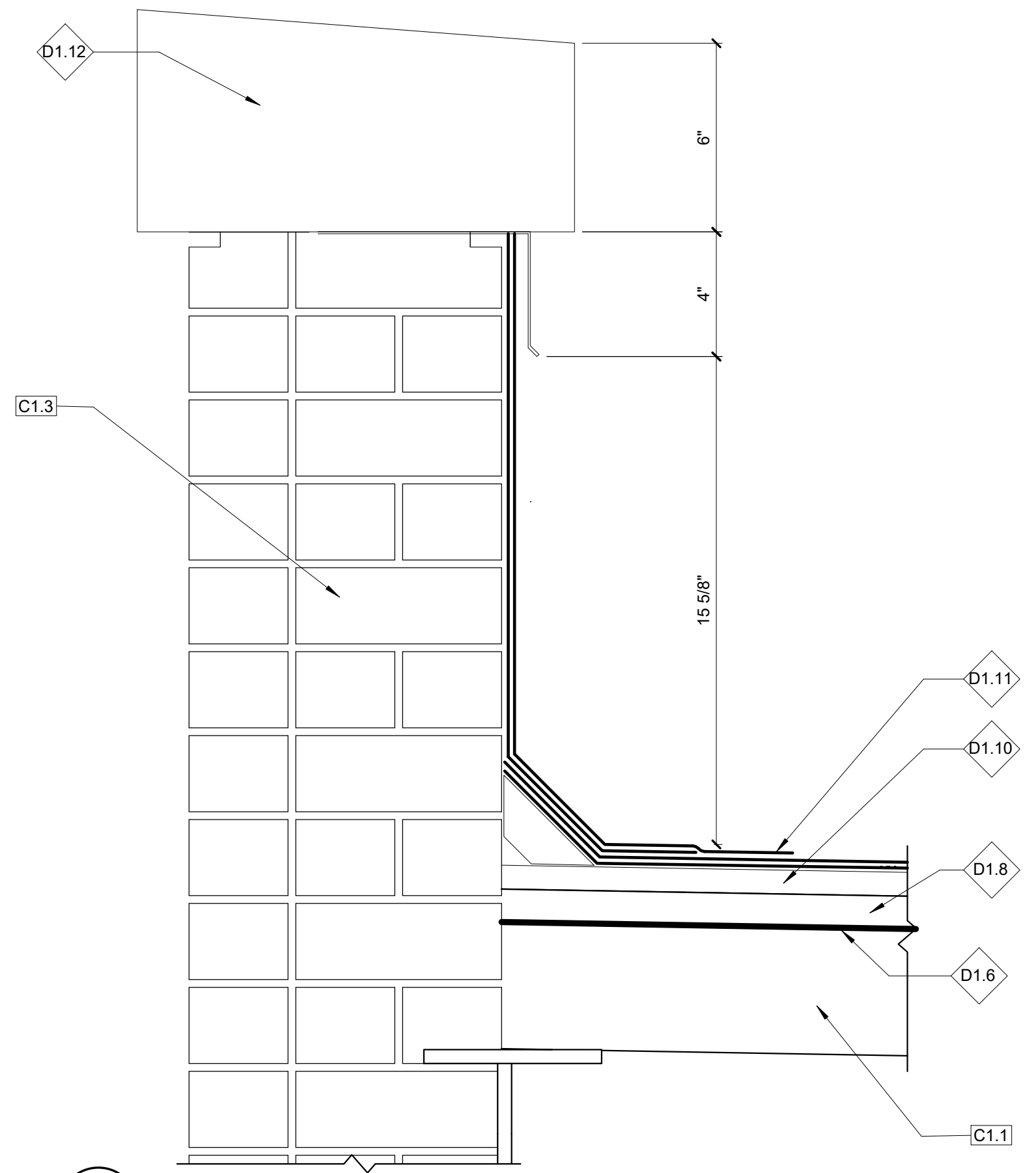
**Date**  
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**Architect**  
**LAMMEY + GIORGIO** LammeY + Giorgio  
Architecture + Design  
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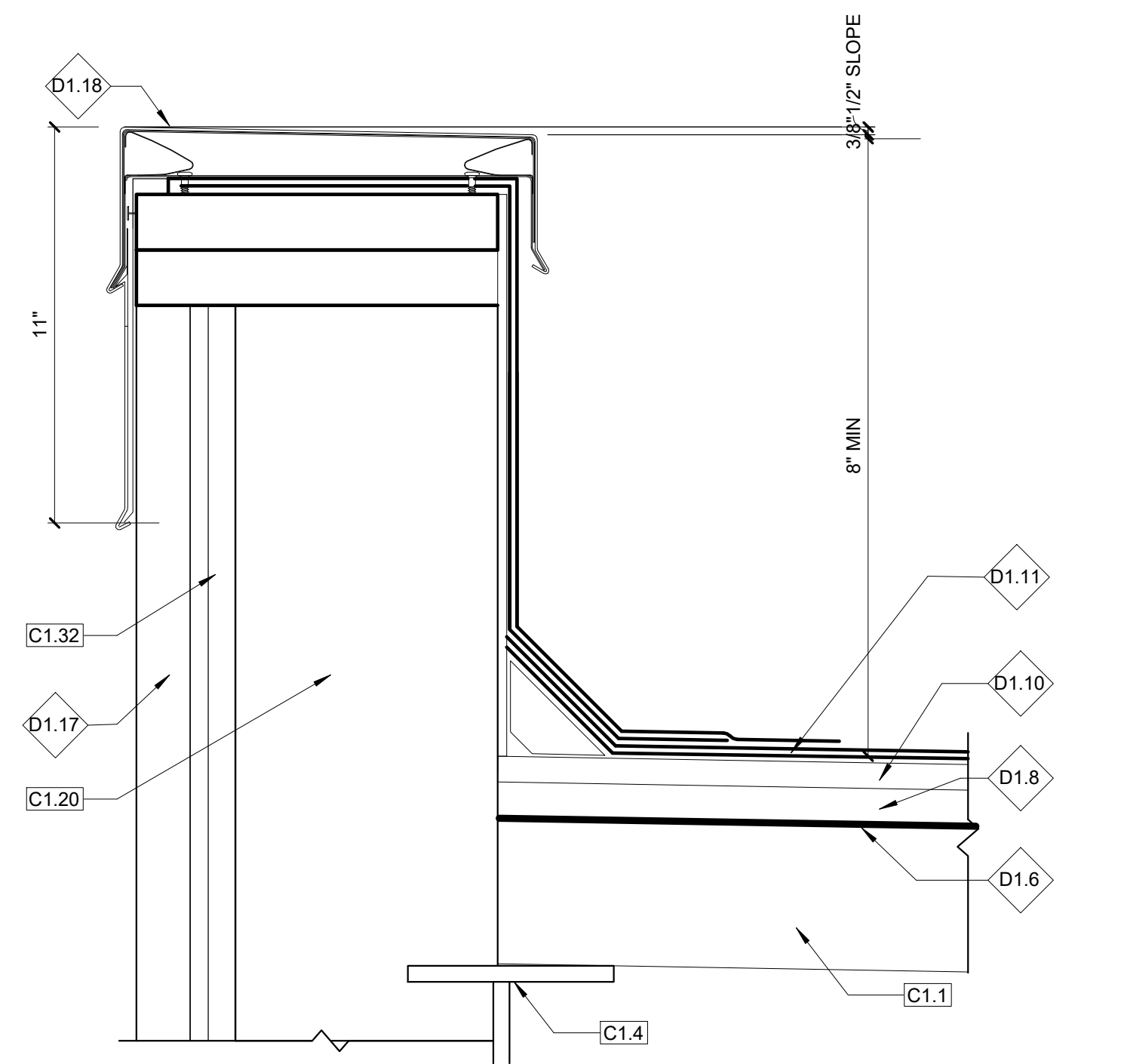
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**Sheet Title**  
Logistics Plan

**Sheet No.**  
**LP101**  
Sheet 2 of 20  
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1 EXISTING PARAPET DETAIL  
3" = 1'-0"



2 EXISTING PENTHOUSE PARAPET DETAIL  
3" = 1'-0"

**Demolition Legend**

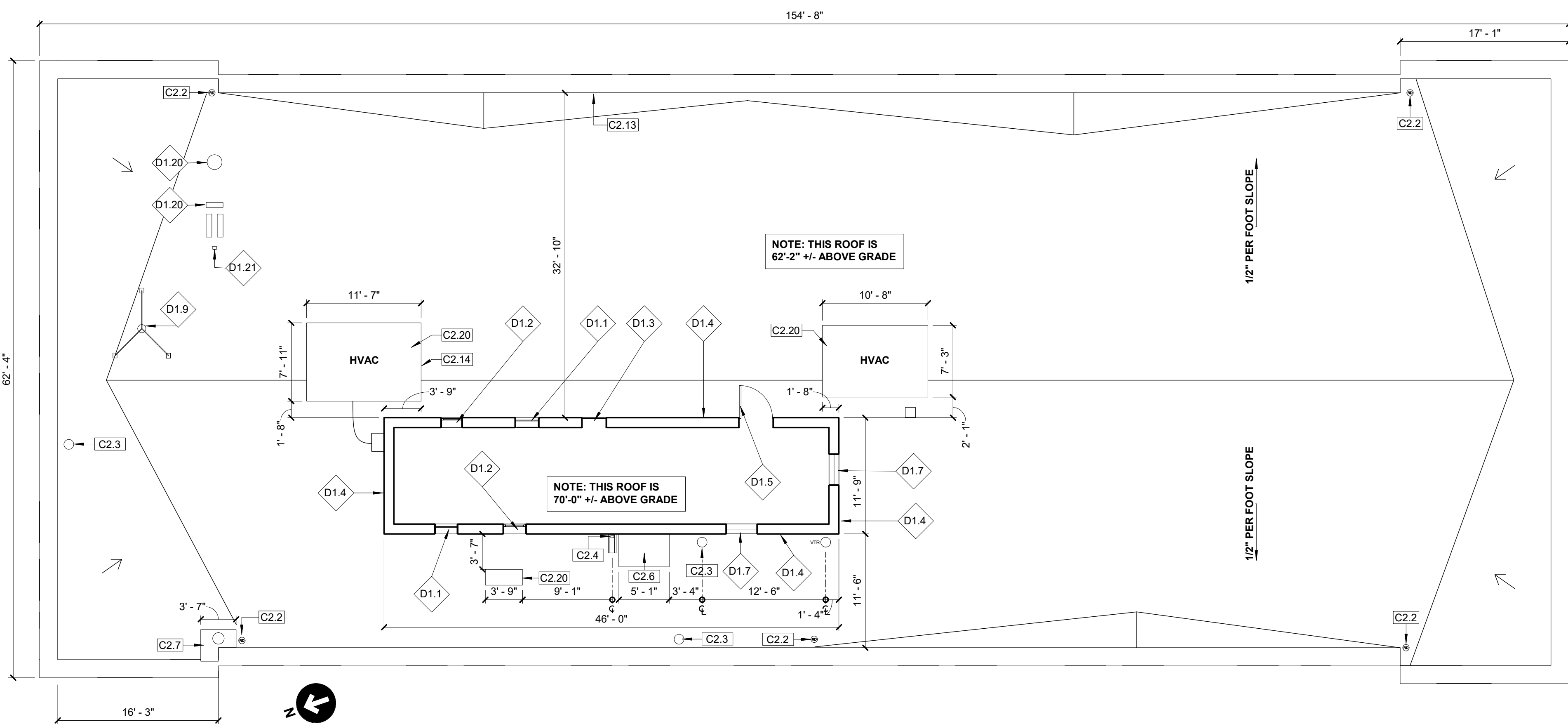
- CONSTR. TO BE REMOVED
- EXIST. CONSTR. TO REMAIN
- NOT IN SCOPE
- DEMOLITION SCOPE NOTE

**Demolition Notes**

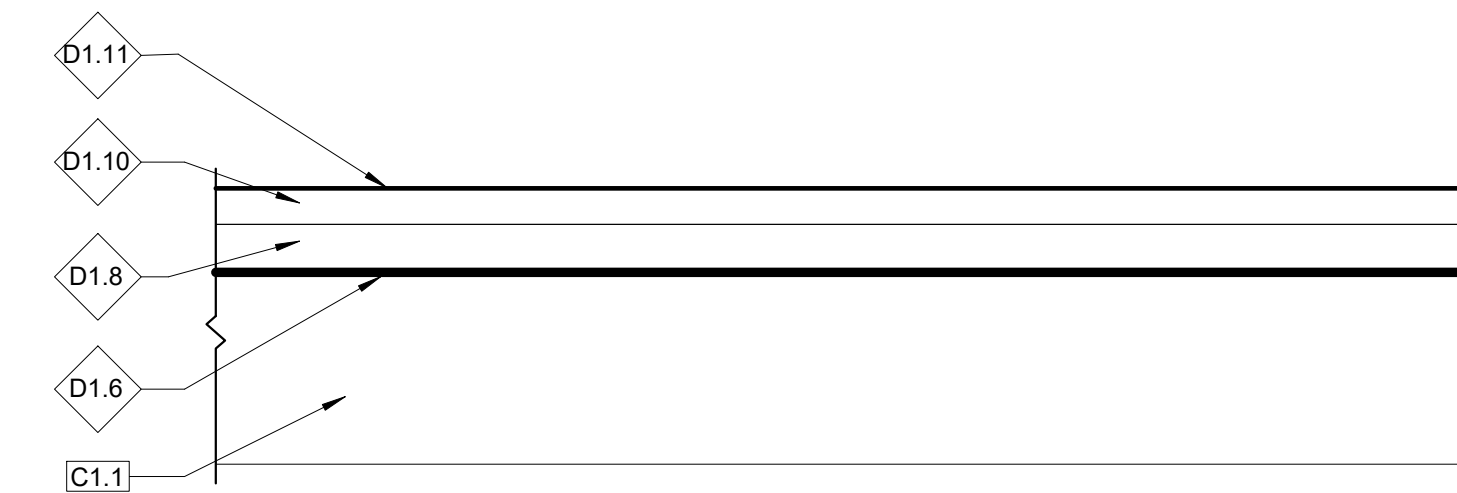
- D1.1 EXISTING BLOCKED UP WINDOW TO BE SHEATHED OVER AND HAVE NEW METAL PANEL INSTALLED OVER OPENING
- D1.2 REMOVE AND REPLACE EXISTING WINDOW
- D1.3 EXISTING BLOCKED UP DOOR TO BE SHEATHED OVER AND HAVE NEW METAL PANEL INSTALLED OVER OPENING.
- D1.4 REMOVE AND REPLACE EXISTING COPPER METAL PANEL
- D1.5 REMOVE AND REPLACE EXISTING DOOR, FRAME AND HARDWARE
- D1.6 REMOVE HOT ASPHALT
- D1.7 REMOVE AND REPLACE EXISTING PENTHOUSE LOUVER
- D1.8 REMOVE 1" POLYISO INSULATION SET IN HOT ASPHALT
- D1.9 CONTRACTOR TO REMOVE EXISTING FLAGPOLE. SOLAR PANEL, CAMERA AND ELECTRIC TO BE REMOVED BY OTHERS
- D1.10 REMOVE 3/4" FIBERBOARD SET IN HOT ASPHALT
- D1.11 REMOVE 4-PLY BUR WITH FLOOD COAT AND ROCK/SLAG
- D1.12 REMOVE CAST STONE COPING
- D1.17 REMOVE 1" METAL PANEL AND PLYWOOD SHEATHING. 3/4" FURRING TRACK @16" O.C. TO REMAIN FOR NEW SUBSTRATE BOARD AND NEW METAL PANEL
- D1.18 REMOVE EXISTING METAL COPING AND TOP COURSE OF WOOD BLOCKING
- D1.20 REMOVE EXISTING ABANDONED EXHAUST DUCT AND INFILL EXISTING ROOF SLAB WITH NEW 4-INCH THICK CONCRETE WITH 6X6 # 10/10 WWF. INSTALL (4)#4 BARS 8 INCHES LONG, EMBED 4-INCHES INTO EXISTING CONCRETE ROOF SLAB.
- D1.21 REMOVE EXISTING LIGHT FIXTURE AND CONDUIT.

**Construction Notes**

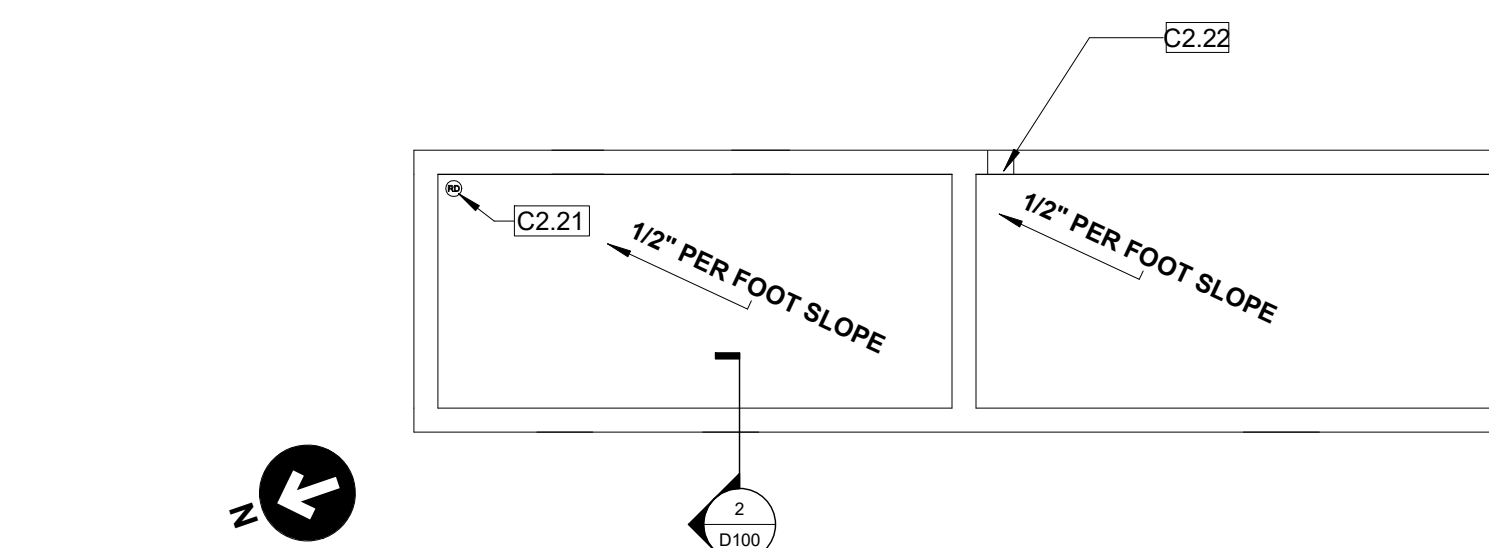
- C1.1 EXISTING CONCRETE ROOF DECK
- C1.3 EXISTING MASONRY WALL
- C1.4 EXISTING STEEL BEAM
- C1.20 EXISTING 8" CONCRETE BLOCK WALL
- C1.32 EXISTING 3/4" FURRING TRACK @12" O.C. TO REMAIN FOR SHEATHING AND NEW METAL PANEL
- C2.2 EXISTING 4-INCH DRAIN
- C2.3 EXISTING VENT THROUGH ROOF
- C2.4 EXISTING DOWNSPOUT
- C2.6 EXISTING STAIR COVER WITH BUILT UP ROOF
- C2.7 EXISTING CHIMNEY
- C2.13 EXISTING CONDUIT ALONG PARAPET CAP STONE ALONG WALL
- C2.14 EXISTING 4" HIGH CURB
- C2.20 EXISTING HVAC UNIT
- C2.21 EXISTING 2-INCH DRAIN
- C2.22 EXISTING SCUPPER TO BE REPLACED WITH NEW SCUPPER



3 EXISTING ROOF PLAN  
1/8" = 1'-0"



4 EXISTING TYPICAL ROOF DETAIL  
3" = 1'-0"



5 EXISTING PENTHOUSE ROOF PLAN  
1/8" = 1'-0"

NOTE 1: EACH ROOF SECTION UTILIZES THEIR OWN REFERENCE ELEVATIONS (DATUM) TO INDICATE HIGH AND LOW POINTS  
 NOTE 2: FIRE ESCAPES NOT INDICATED FOR CLARITY  
 NOTE 3: WHERE FIREPROOFING MATERIAL IS DISTURBED, REMOVED OR DAMAGED AND IS INTEGRAL TO THE RATING OF THE EXISTING FIRE-RATED ASSEMBLY, THE MATERIAL SHALL BE REPLACED SO THAT THE RATING IS PRESERVED.  
 NOTE 4: THE PRESENCE OF MICROBIAL GROWTH (MOLD) EXISTS WITHIN THE BUILDING. THE CONTRACTOR SHALL COMPLY WITH THE PUBLIC EMPLOYEES OCCUPATIONAL SAFETY AND HEALTH PROGRAM "MOLD IN WORKPLACE PREVENTION AND CONTROL" BULLETIN WHEN IMPACTS TO MICROBIAL SURFACES ARE ANTICIPATED.

**DPMC Restoration  
Upgrades to Exterior  
Building Envelope**

**Location**  
135 W Hanover St. Trenton,  
New Jersey

**Project Number**  
DPMC: A1310-00

L&G: 19504

**Date**  
7/30/2019

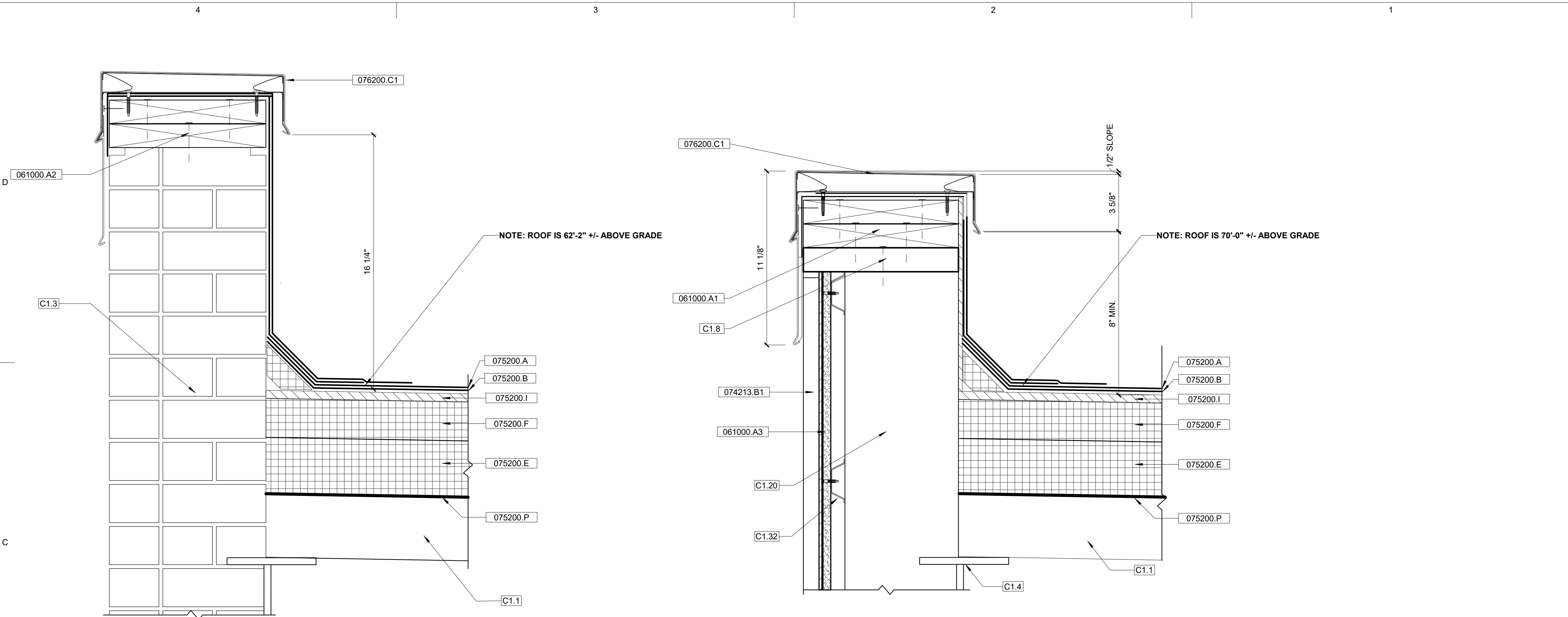
**Architect**  
**LAMMEY + GIORGIO** LammeY + Giorgio  
Architecture + Design  
215 Highland Ave, Suite B  
Haddon Twp, NJ, 08108  
p.856.833.0010

William LammeY - AIA - NJ C6793  
Anthony Giorgio - AIA - NJ 07626

#	Issue/Revision	Date
1	Design Development Submission	09/06/2019
2	Final Design Submission	11/26/2019
3	Final Design Submission 2	02/24/2020

**Sheet Title**  
Existing Roof Plan & Details

**Sheet No.**  
**D100**



**Construction Legend**

- NEW WALL CONSTR.
- EXIST. WALL CONSTR.
- NOT PART OF WORK SCOPE
- CONSTRUCTION NOTE
- WALL TYPE

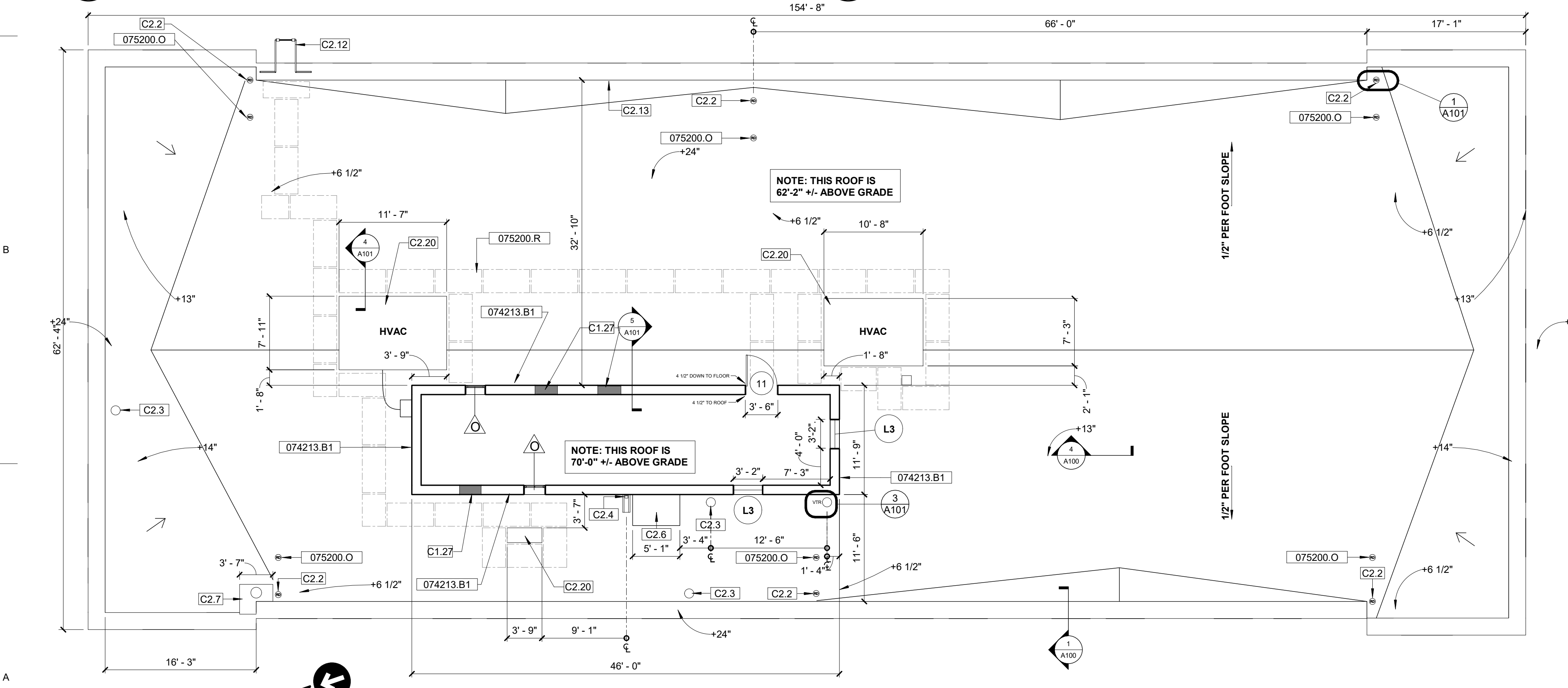
**Drawing Keynotes**

- 061000.A1 NEW FIRE TREATED 2"x10" WOOD BLOCKING (FASTEN. NEW WOOD BLOCKING TO EXISTING AND NEW WOOD BLOCKING BY STAGGERING (2)#10. SCREWS @36" O.C. EACH PIECE OF NEW WOOD BLOCKING)
- 061000.A2 NEW FIRE TREATED 2"x10" WOOD BLOCKING (FASTEN WOOD BLOCKING TO MASONRY USING 1/4" DIA. HILTI KWIK-CON II+ @24" O.C.)
- 061000.A3 NEW 1/2" TYPE "X" GYPSUM SHEATHING; ATTACH TO EXISTING FURRING AT 16" O.C.. APPLY 30-MIL SELF-ADHERING, HIGH TEMPERATURE UNDERLAYMENT.
- 074213.B1 NEW METAL WALL PANELS - ATTACH WITH (2)#10 X 1" WAFER HEAD SCREWS @12" O.C.
- 075200.A NEW SBS MODIFIED BITUMINOUS CAP SHEET
- 075200.B NEW SBS MODIFIED BITUMINOUS BASE SHEET
- 075200.E NEW 3 1/2" THICK POLYISOCYANURATE INSULATION
- 075200.F NEW 1/2" THICK POLYISOCYANURATE INSULATION
- 075200.I NEW 1/2" THICK COVER BOARD - ADHERED
- 075200.O NEW SECONDARY ROOF DRAIN
- 075200.P NEW VAPOR RETARDER
- 075200.R NEW WALKPAD - SEE DETAIL 3/A102 FOR MORE INFORMATION
- 076200.C1 NEW METAL COPING

- Construction Notes**
- C1.1 EXISTING CONCRETE ROOF DECK
  - C1.3 EXISTING MASONRY WALL
  - C1.4 EXISTING STEEL BEAM
  - C1.8 EXISTING WOOD BLOCKING (FASTEN WOOD BLOCKING TO MASONRY USING 1/4" DIA. HILTI KWIK-CON II+ @24" O.C.)
  - C1.20 EXISTING 8" CONCRETE BLOCK WALL
  - C1.27 NEW SHEATHING AND METAL WALL PANEL AT BLOCKED UP WINDOW AND DOOR LOCATION
  - C1.32 EXISTING 3/4" FURRING TRACK @12" O.C. TO REMAIN FOR SHEATHING AND NEW METAL PANEL
  - C2.2 EXISTING 4-INCH DRAIN
  - C2.3 EXISTING VENT THROUGH ROOF
  - C2.4 EXISTING DOWNSPOUT
  - C2.6 EXISTING STAIR COVER WITH BUILT UP ROOF
  - C2.7 EXISTING CHIMNEY
  - C2.12 EXISTING LADDER TO FIRE ESCAPE TO BE SCRAPPED AND REPAINTED
  - C2.13 EXISTING CONDUIT ALONG PARAPET CAP STONE ALONG WALL
  - C2.20 EXISTING HVAC UNIT
  - C2.21 EXISTING 2-INCH DRAIN
  - C2.22 EXISTING SCUPPER TO BE REPLACED WITH NEW SCUPPER

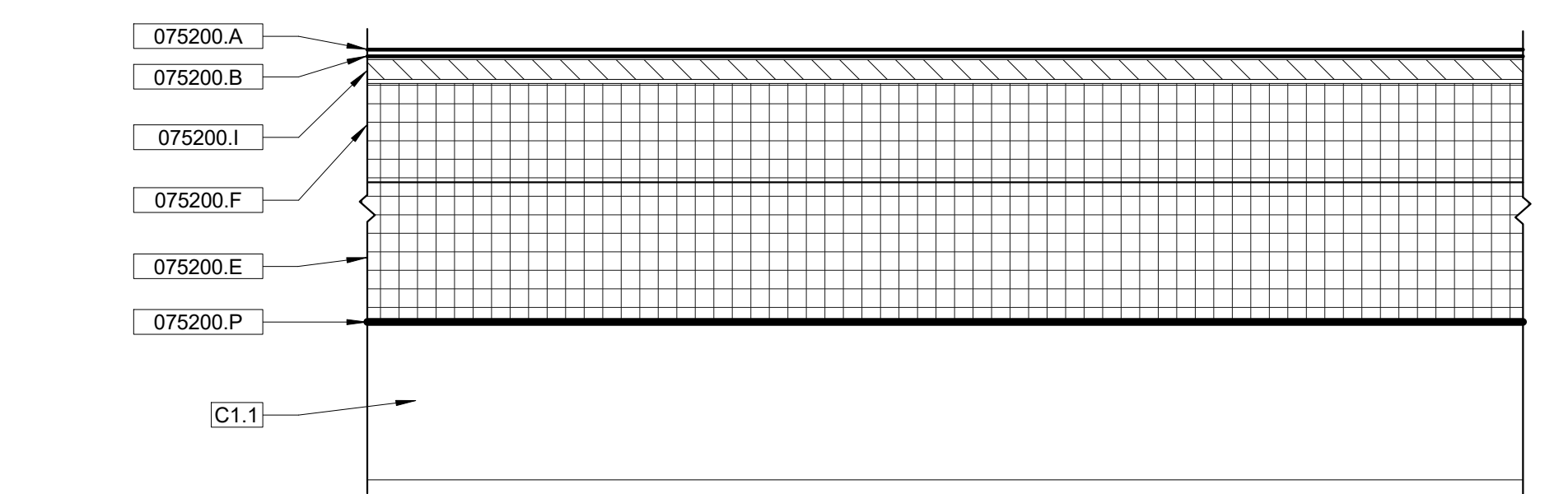
**1 NEW PARAPET DETAIL**  
A100 3" = 1'-0"

**2 NEW PENTHOUSE PARAPET AND WALL PANEL DETAIL**  
A100 3" = 1'-0"

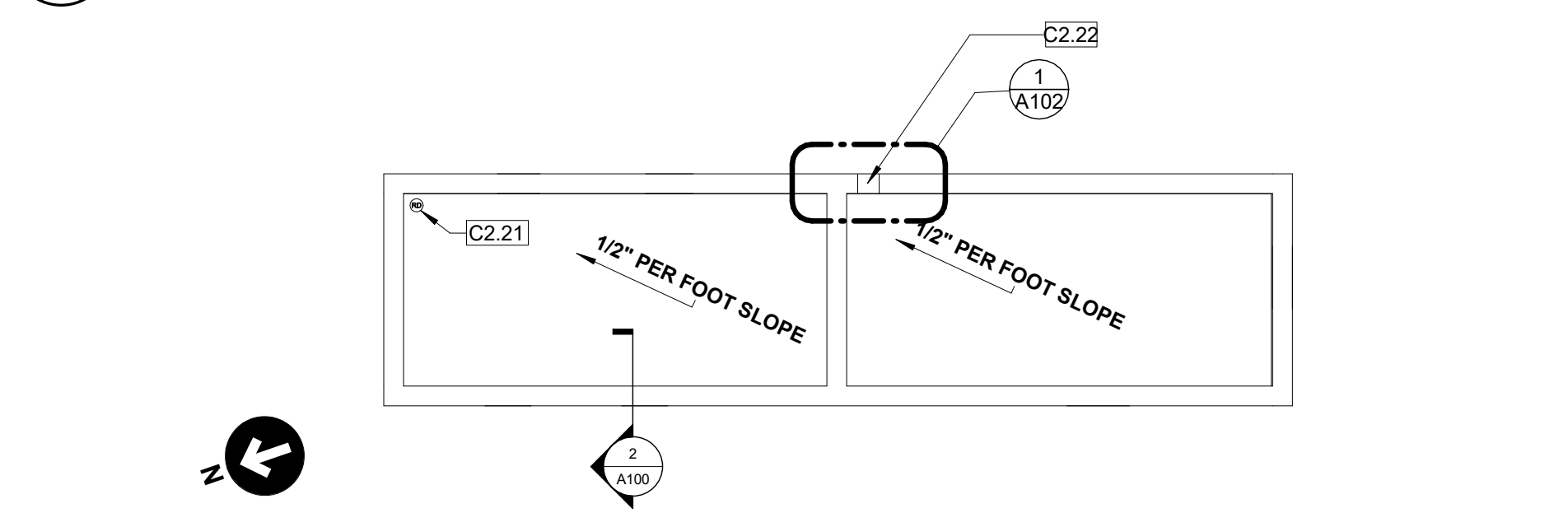


**3 NEW ROOF PLAN**  
A100 1/8" = 1'-0"

NOTE 1: EACH ROOF SECTION UTILIZES THEIR OWN REFERENCE ELEVATIONS (DATUM) TO INDICATE HIGH AND LOW POINTS  
 NOTE 2: FIRE ESCAPES NOT INDICATED FOR CLARITY  
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**4 TYPICAL LOW ROOF DETAIL**  
A100 3" = 1'-0"



**5 NEW PENTHOUSE ROOF PLAN**  
A100 1/8" = 1'-0"

**ODONELL & NACCARATO**  
STRUCTURAL ENGINEERS  
701 MARKET STREET  
SUITE 6000  
PHILADELPHIA, PENNSYLVANIA 19104-3824  
TELEPHONE: (215) 925-3788  
Project No. 0232034500

**DPMC Restoration  
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Building Envelope**

**Location**  
135 W Hanover St. Trenton,  
New Jersey

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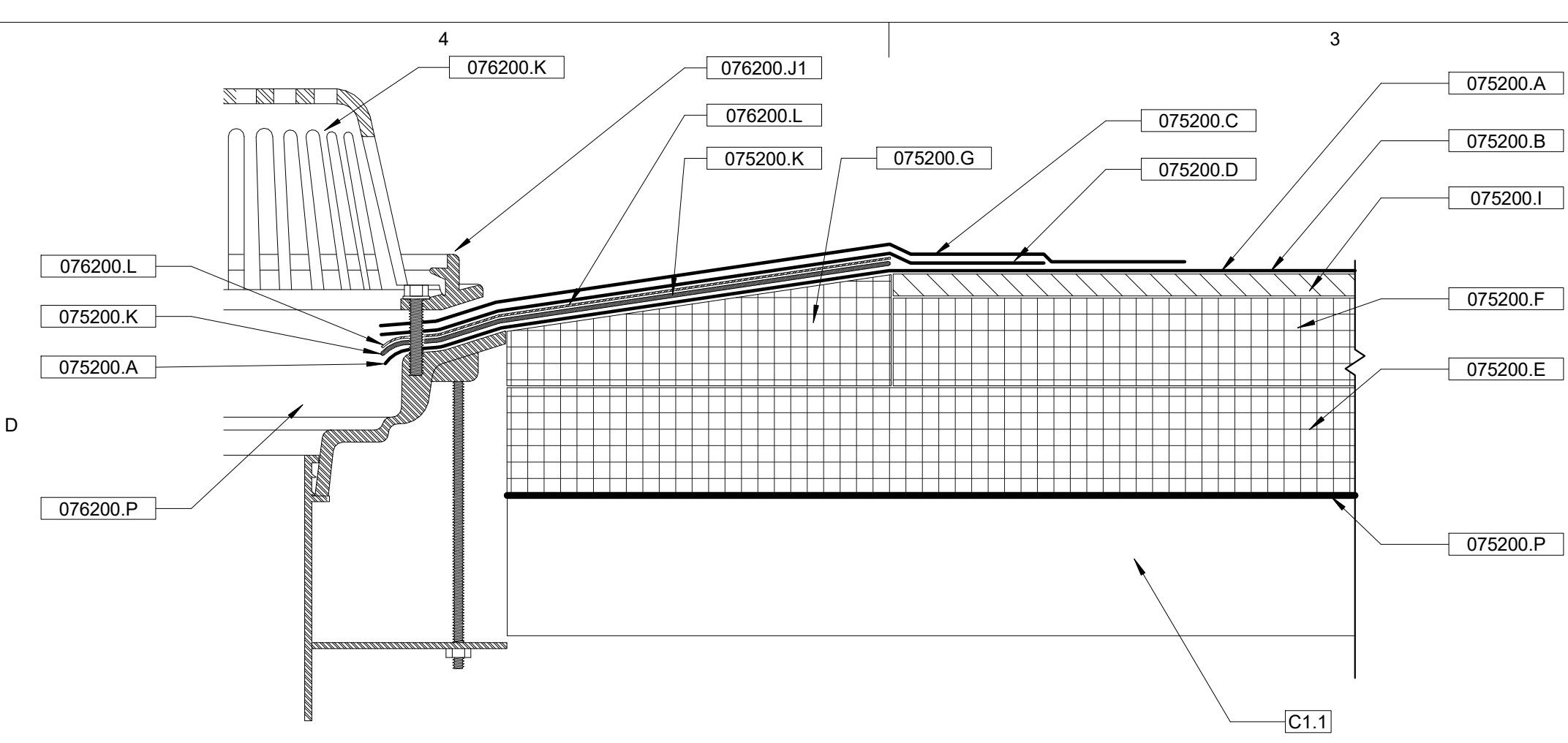
**Architect**  
**LAMMEY + GIORGIO** LammeY + Giorgio  
Architecture + Design  
215 Highland Ave., Suite B  
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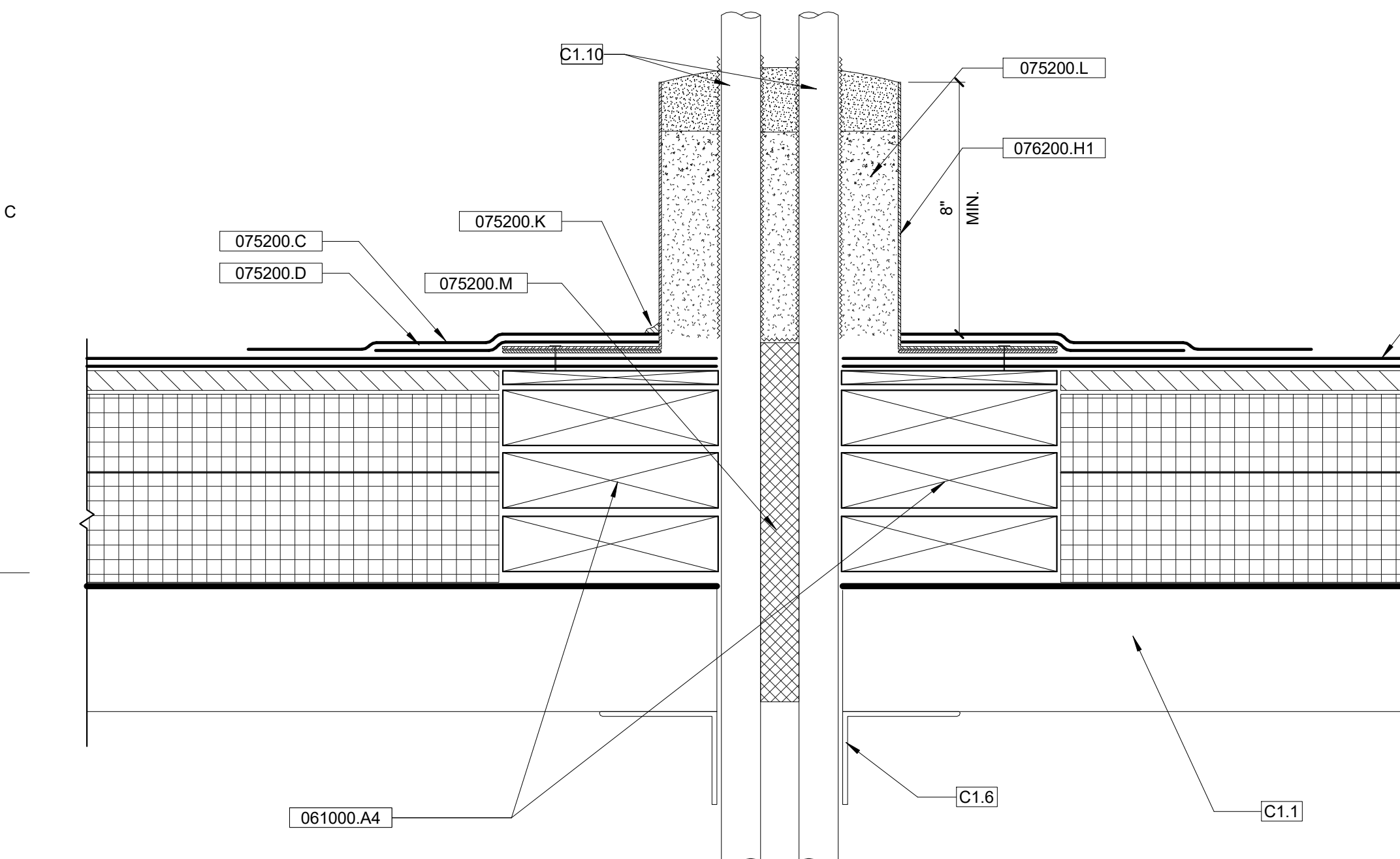
#	Issue/Revision	Date
2	Final Design Submission	11/26/2019
3	Final Design Submission 2	02/24/2020
4	Final Design Submission 3	03/09/2020
5	Final Design Submission 4	03/16/2020

**Sheet Title**  
New Roof Plan & Details

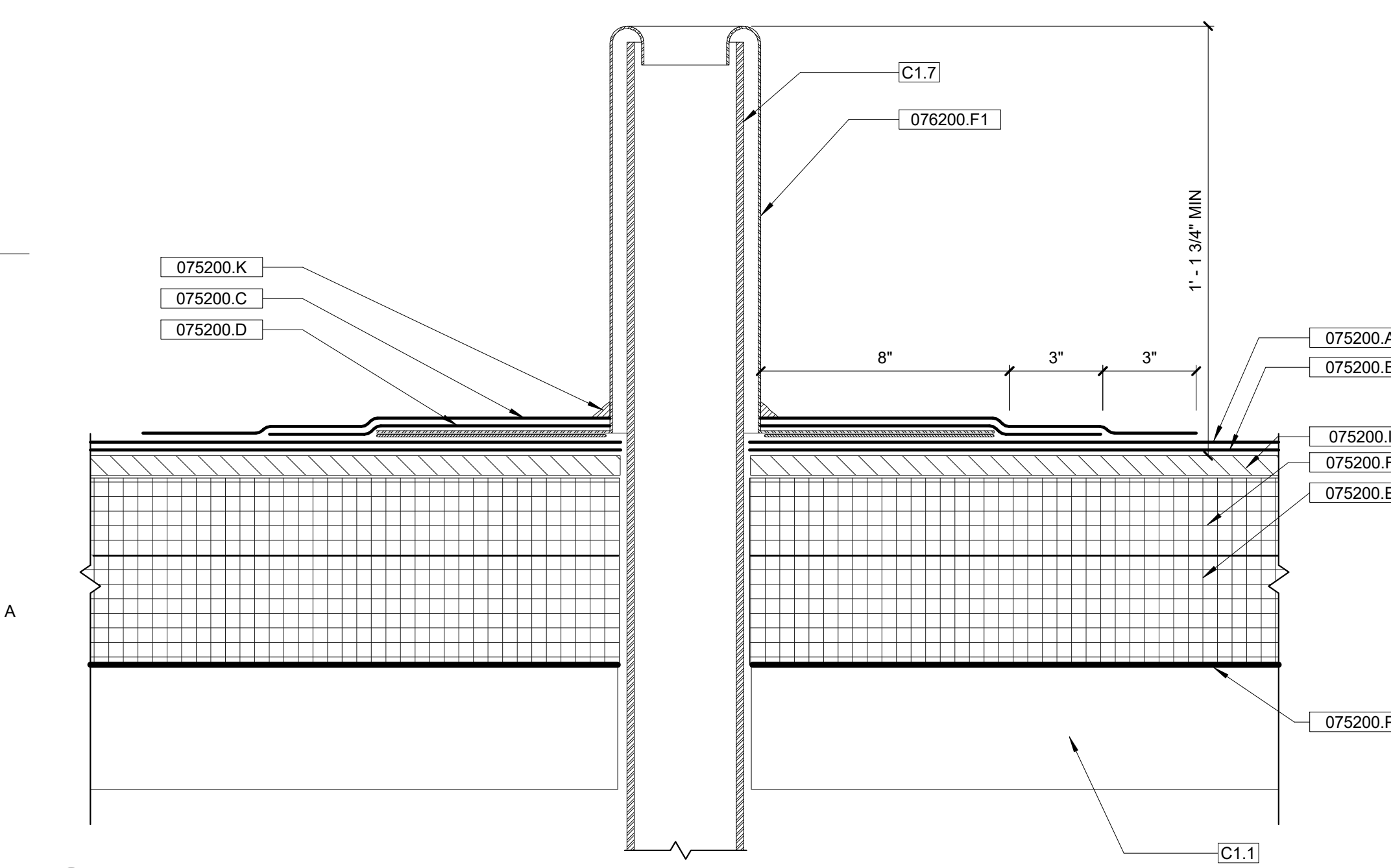
Sheet No.  
**A100**  
Sheet 4 of 20  
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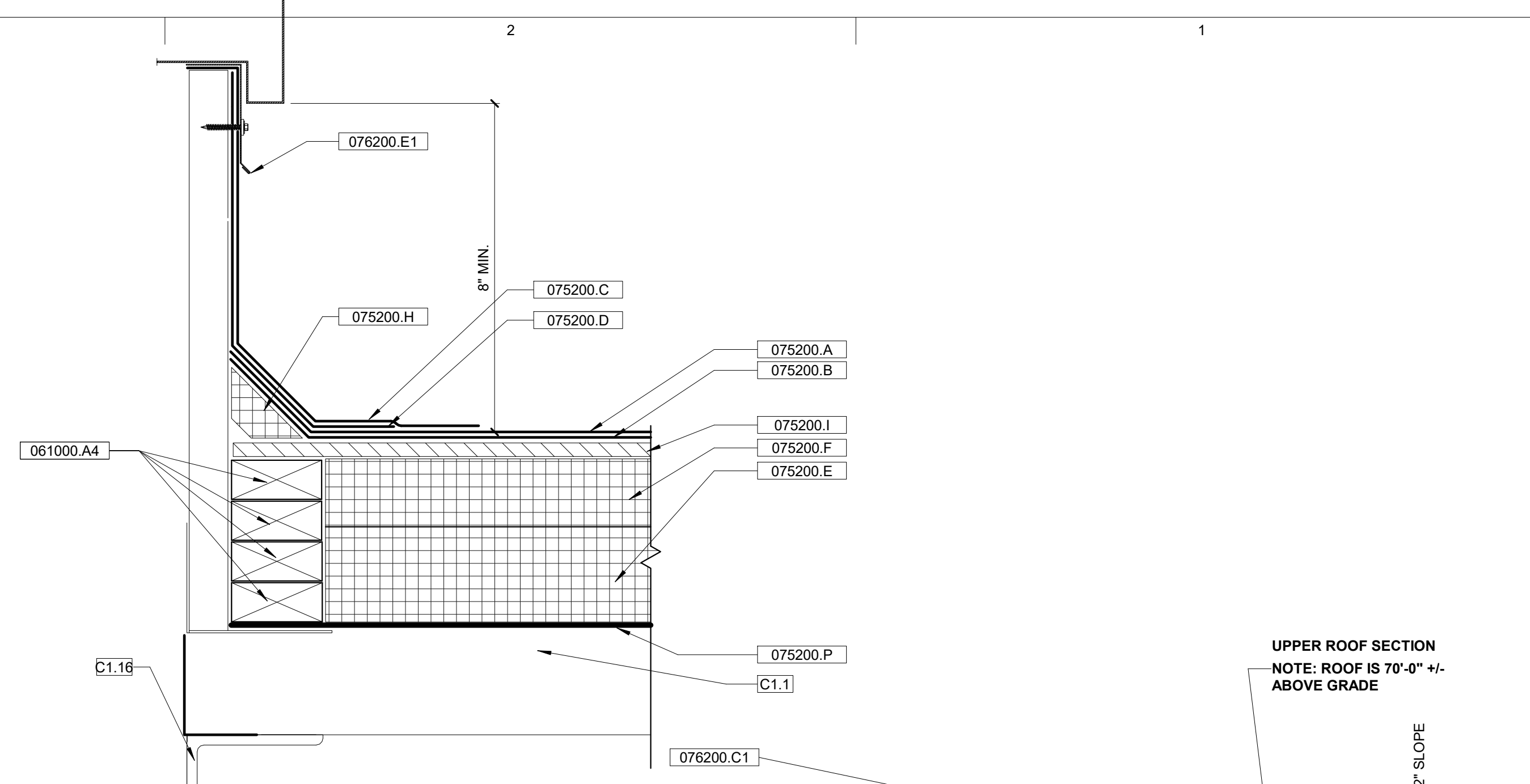
**1 DRAIN DETAIL**  
A101 3" = 1'-0"



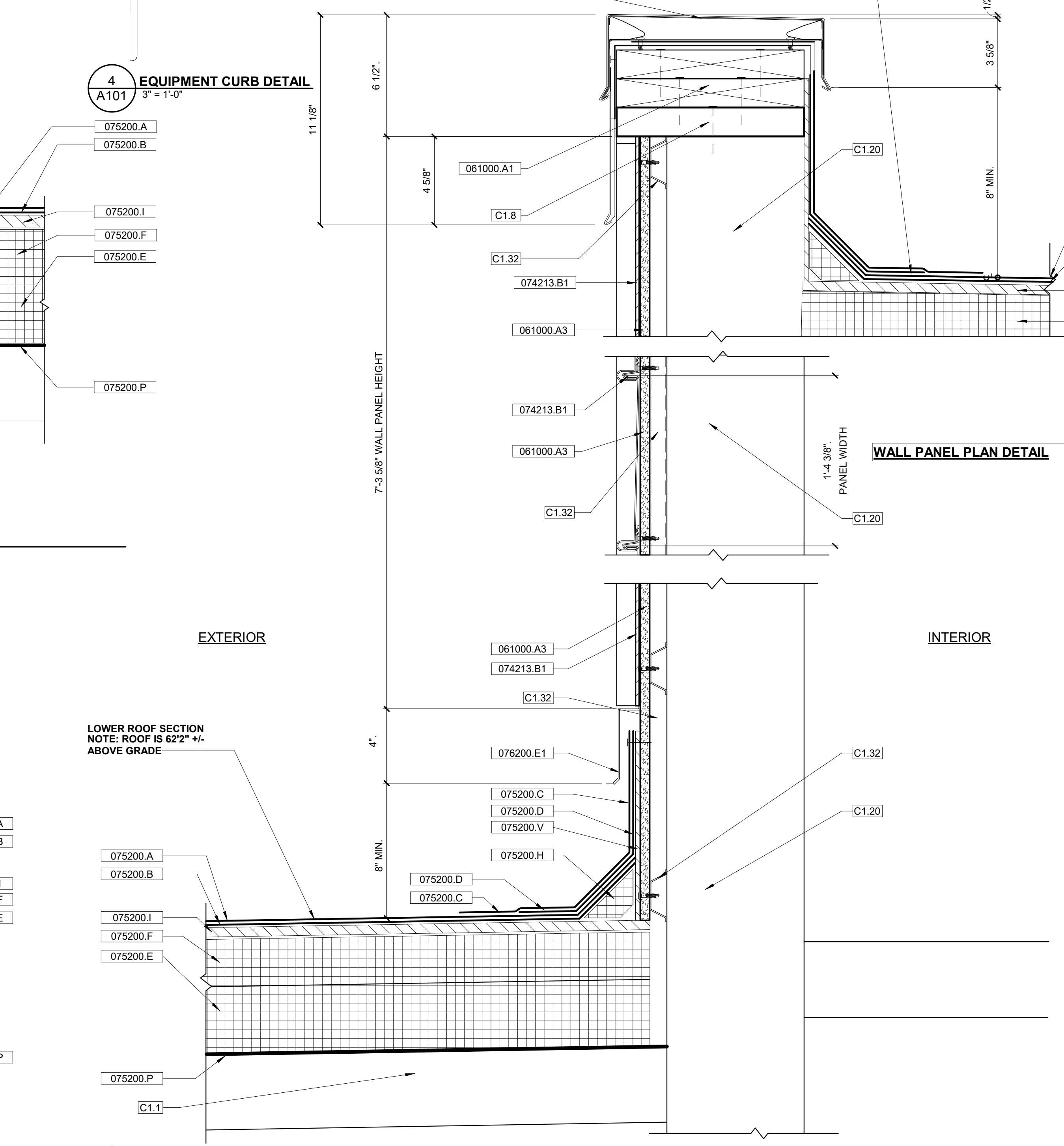
**2 PITCH POCKET DETAIL**  
A101 3" = 1'-0"



**3 VENT THRU ROOF DETAIL**  
A101 3" = 1'-0"



**4 EQUIPMENT CURB DETAIL**  
A101 3" = 1'-0"



**5 NEW PENTHOUSE WALL SECTION**  
A101 3" = 1'-0"

**Construction Notes**

- C1.1 EXISTING CONCRETE ROOF DECK
- C1.6 EXISTING STEEL FLANGE
- C1.7 EXISTING VENT THRU ROOF
- C1.8 EXISTING WOOD BLOCKING (FASTEN WOOD BLOCKING TO MASONRY USING 1/4" DIA. HLT.I KWIK-CON II+ @24" O.C.)
- C1.10 EXISTING ROOF PENETRATION
- C1.16 EXISTING WELDED ANGLE
- C1.20 EXISTING 8" CONCRETE BLOCK WALL
- C1.32 EXISTING 3/4" FURRING TRACK @12" O.C. TO REMAIN FOR SHEATHING AND NEW METAL PANEL

**Drawing Keynotes**

- 061000.A1 NEW FIRE TREATED 2"x10" WOOD BLOCKING (FASTEN, NEW WOOD BLOCKING TO EXISTING AND NEW WOOD BLOCKING BY STAGGERING (2)#10. SCREWS @36" O.C. EACH PIECE OF NEW WOOD BLOCKING)
- 061000.A3 NEW 1/2" TYPE "X" GYPSUM SHEATHING; ATTACH TO EXISTING FURRING AT 16" O.C., APPLY 30-MIL SELF-ADHERING, HIGH TEMPERATURE UNDERLAYMENT.
- 061000.A4 NEW FIRE TREATED WOOD BLOCKING (FASTEN, NEW WOOD BLOCKING TO EXISTING AND NEW WOOD BLOCKING BY STAGGERING (2)#10. SCREWS @36" O.C. EACH PIECE OF NEW WOOD BLOCKING)
- 074213.B1 NEW METAL WALL PANELS - ATTACH WITH (2)#10 X 1" WAFER HEAD SCREWS @12" O.C.
- 075200.A NEW SBS MODIFIED BITUMINOUS CAP SHEET
- 075200.B NEW SBS MODIFIED BITUMINOUS BASE SHEET
- 075200.C NEW SBS MODIFIED BITUMINOUS GRANULE SURFACE FLASHING CAP SHEET
- 075200.D NEW SBS MODIFIED BITUMINOUS FLASHING BASE SHEET
- 075200.E NEW 3 1/2" THICK POLYISOCYANURATE INSULATION
- 075200.F NEW 2 1/2" THICK POLYISOCYANURATE INSULATION
- 075200.G NEW TAPERED POLYISOCYANURATE INSULATION
- 075200.H NEW INSULATION CANT STRIP
- 075200.I NEW 1/2" THICK COVER BOARD - ADHERED
- 075200.K NEW FLASHING CEMENT
- 075200.L NEW POURABLE SEALER- 2" MIN. DEPTH
- 075200.M NEW NON-SHRINK GROUT
- 075200.P NEW VAPOR RETARDER
- 075200.V NEW 1/4" THICK RECOVERY BOARD - ADHERED
- 076200.C1 NEW METAL COPING
- 076200.E1 NEW COUNTER FLASHING & ANCHOR CLIP
- 076200.F1 NEW VENT THRU ROOF FLASHING
- 076200.H1 NEW SHEET METAL PITCH POCKET PAN
- 076200.J1 NEW STAINLESS STEEL CLAMPING RING WITH CONTINUOUS BEAD OF SEALANT C ABOVE.
- 076200.K NEW STRAINER BASKET
- 076200.L NEW 30" X 30" MINIMUM, 2.5 LB - 4 LB COPPER FLASHING SET ON THE BASE PLY IN MULTI-PURPOSE FLASHING CEMENT
- 076200.P NEW RETROFIT DRAIN



**WALL PANEL PLAN DETAIL**



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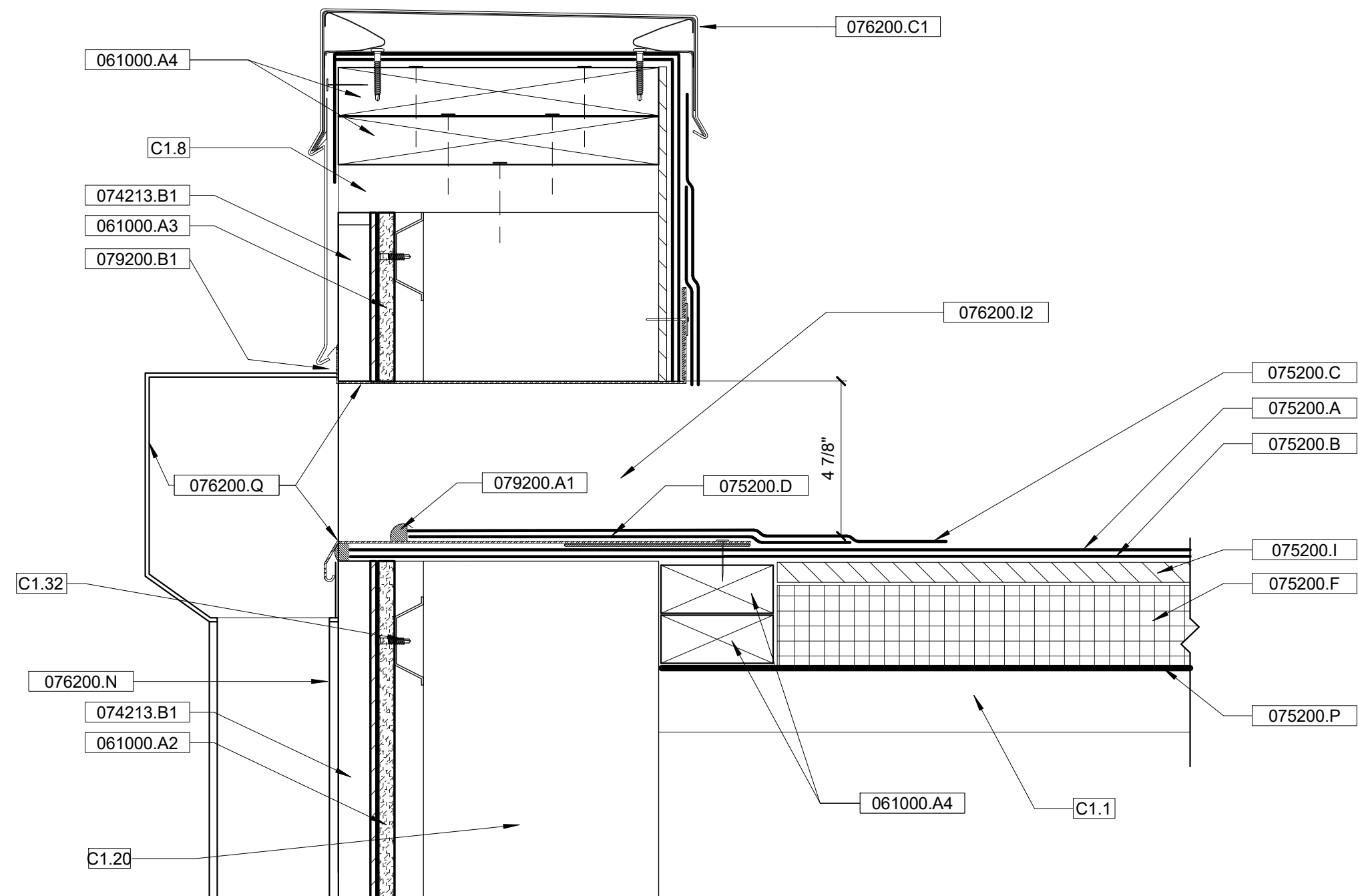
**Architect**  
**LAMMEY + GIORGIO** Architecture + Design  
215 Highland Ave. Suite B  
Haddon Twp, NJ, 08108  
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William Lamme - AIA - NJ C6793  
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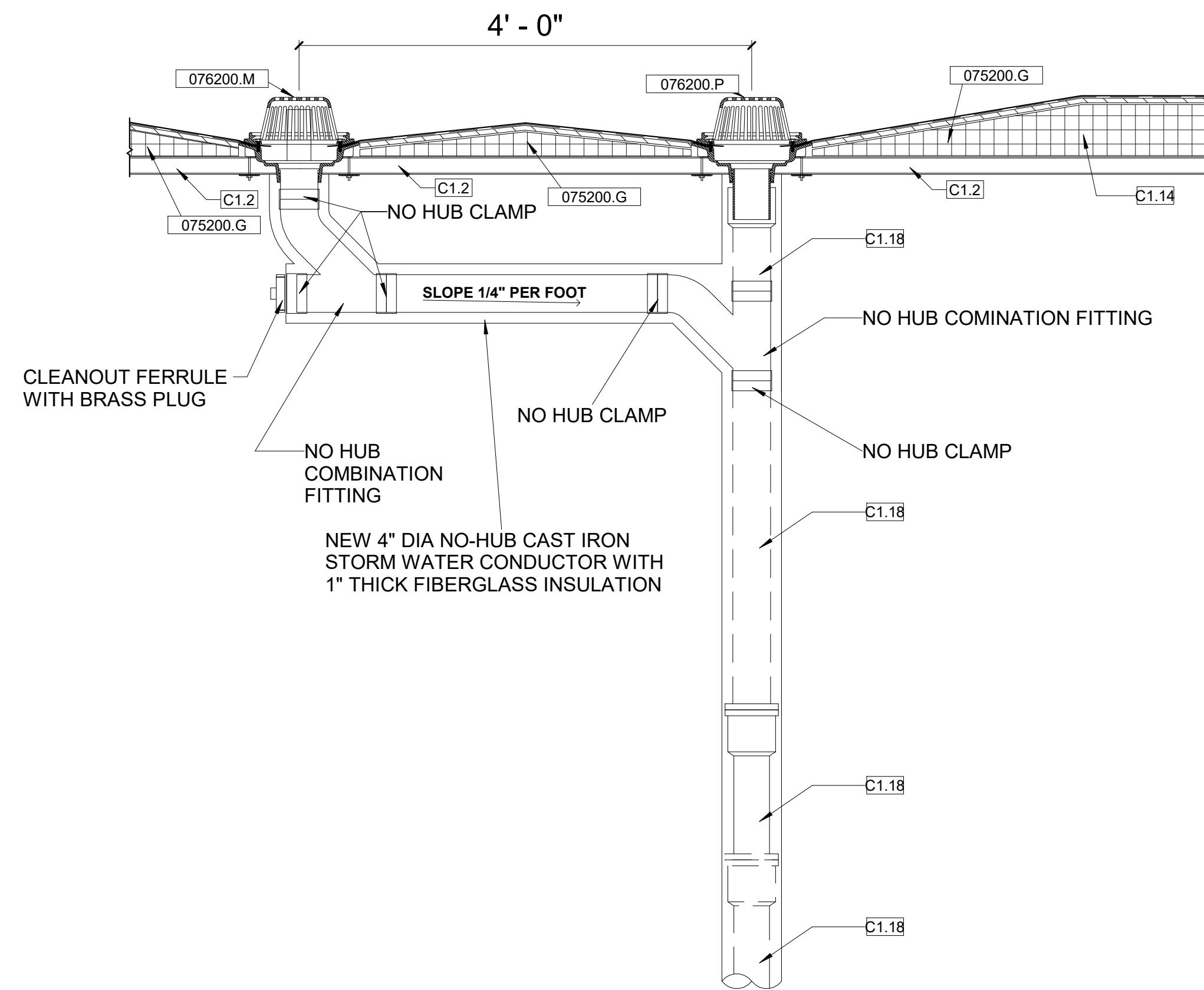
#	Issue/Revision	Date
2	Final Design Submission	11/26/2019
3	Final Design Submission 2	02/24/2020
4	Final Design Submission 3	03/09/2020
5	Final Design Submission 4	03/16/2020

**Sheet Title**  
New Roof Details

Sheet No.  
**A101**  
Sheet 5 of 20  
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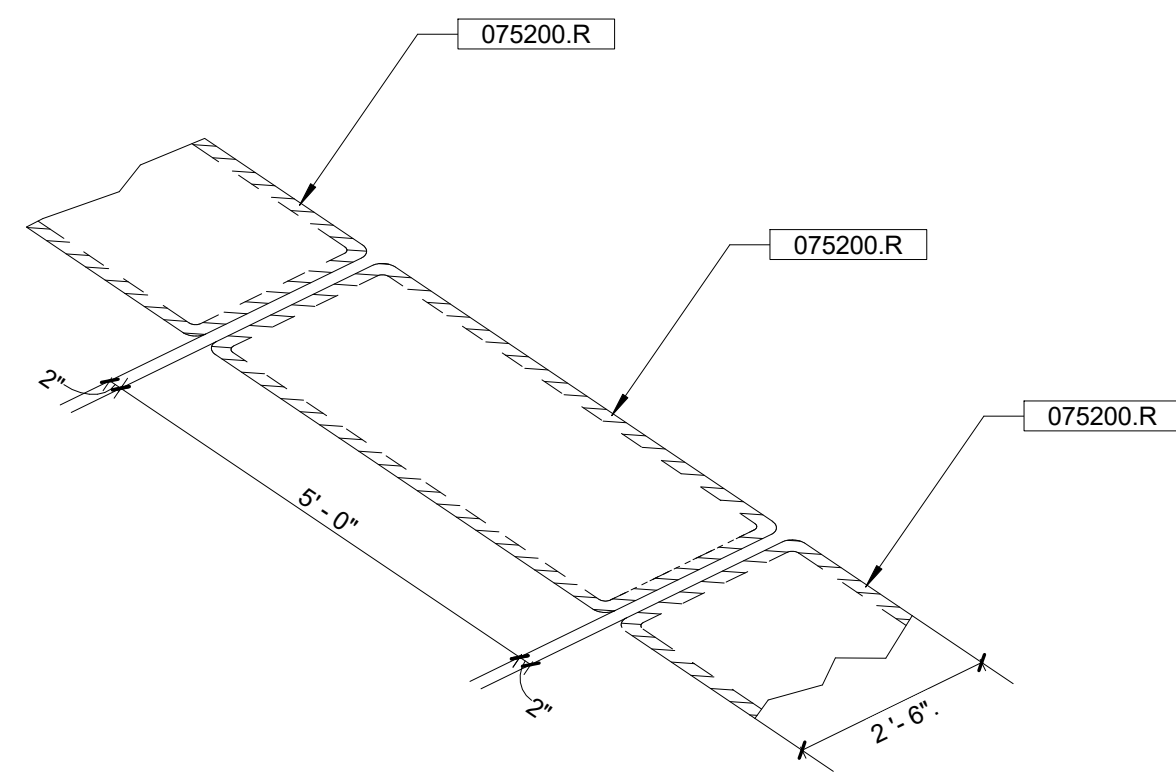


1 HIGH ROOF SCUPPER DETAIL  
3" = 1'-0"

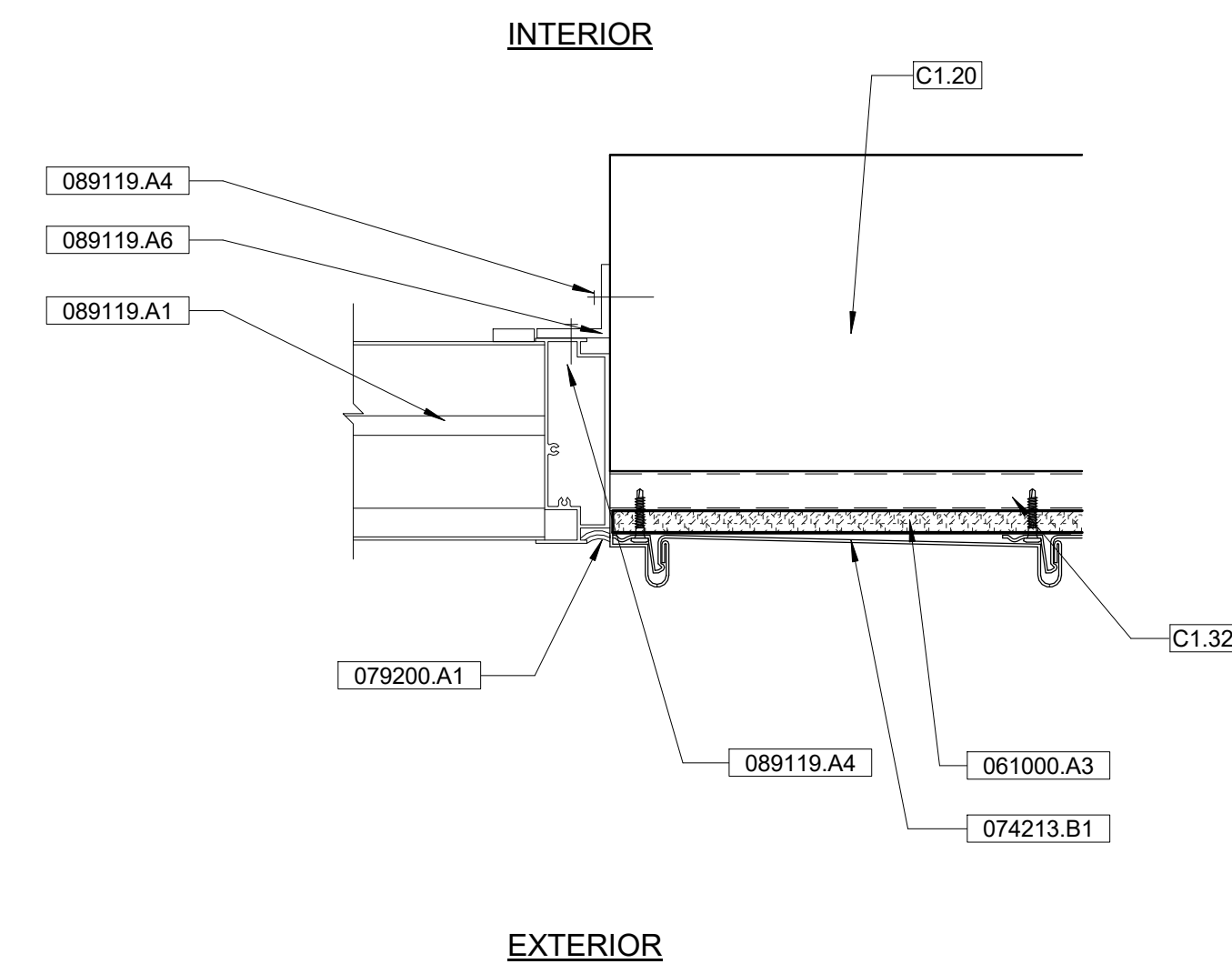


2 SECONDARY ROOF DRAINS AT LOW ROOF  
1" = 1'-0"

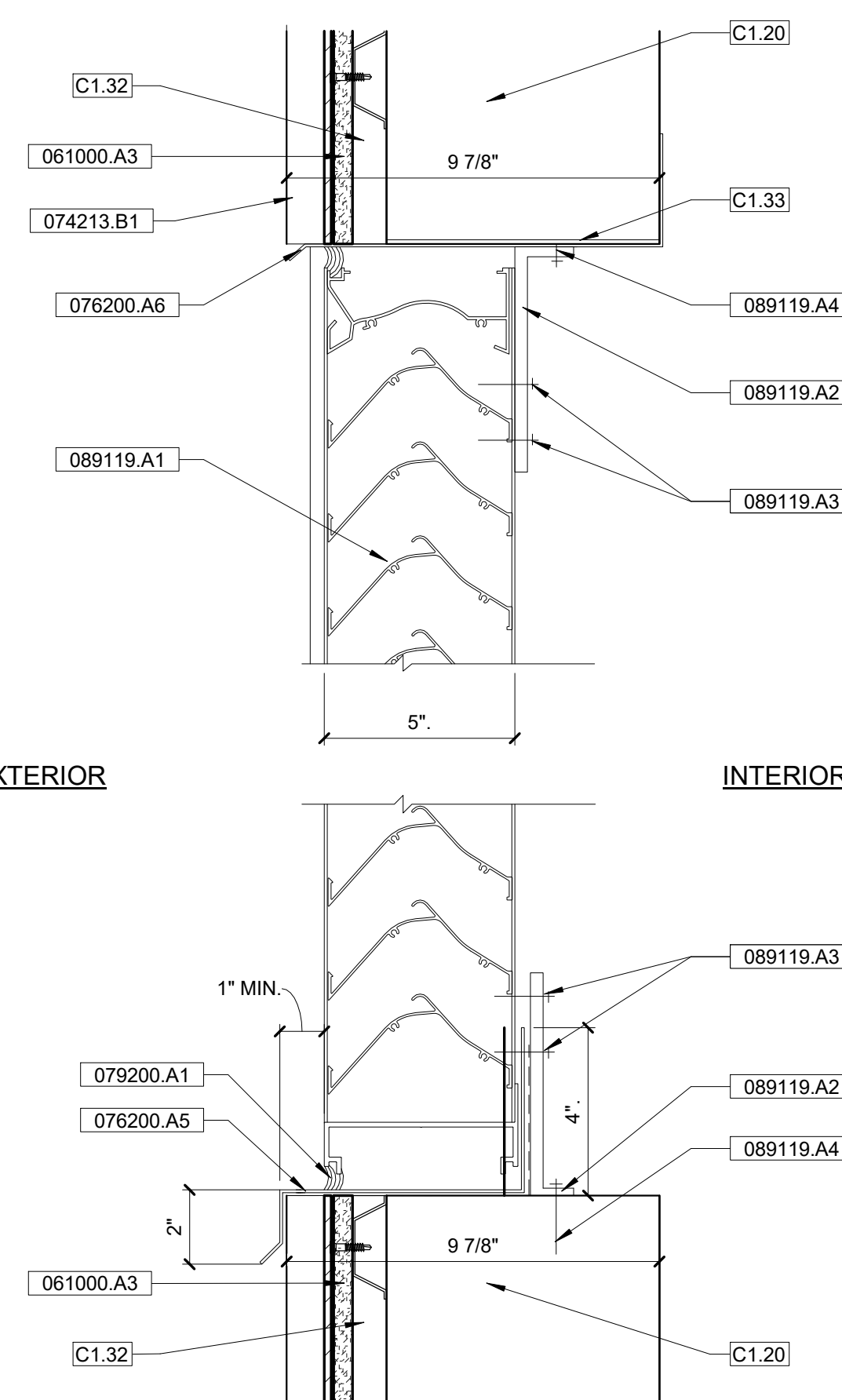
NOTE: THE PRESENCE OF MICROBIAL GROWTH (MOLD) EXISTS WITHIN THE BUILDING. THE CONTRACTOR SHALL COMPLY WITH THE PUBLIC EMPLOYEES OCCUPATIONAL SAFETY AND HEALTH PROGRAM "MOLD IN WORKPLACE PREVENTION AND CONTROL" BULLETIN WHEN IMPACTS TO MICROBIAL SURFACES ARE ANTICIPATED.



3 WALKPAD DETAIL  
1/2" = 1'-0"



4 Penthouse Louver Jamb Detail  
3" = 1'-0"



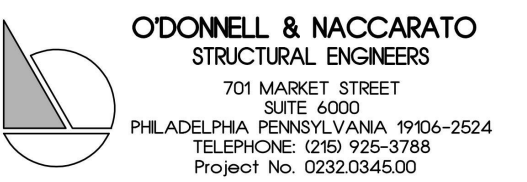
5 Penthouse Louver Section  
3" = 1'-0"

##### Drawing Keynotes

- 061000.A2 NEW FIRE TREATED 2"x10" WOOD BLOCKING (FASTEN WOOD BLOCKING TO MASONRY USING 1/4" DIA. HILTI KWIK-CON II+ @24" O.C.)
- 061000.A3 NEW 1/2" TYPE "X" GYPSUM SHEATHING; ATTACH TO EXISTING FURRING AT 16" O.C. APPLY 30-MIL SELF-ADHERING, HIGH TEMPERATURE UNDERLAYMENT.
- 061000.A4 NEW FIRE TREATED WOOD BLOCKING (FASTEN, NEW WOOD BLOCKING TO EXISTING AND NEW WOOD BLOCKING BY STAGGERING (2)#10. SCREWS @36" O.C. EACH PIECE OF NEW WOOD BLOCKING)
- 074213.B1 NEW METAL WALL PANELS - ATTACH WITH (2)#10 X 1" WAFER HEAD SCREWS @12" O.C.
- 075200.A NEW SBS MODIFIED BITUMINOUS CAP SHEET
- 075200.B NEW SBS MODIFIED BITUMINOUS BASE SHEET
- 075200.C NEW SBS MODIFIED BITUMINOUS GRANULE SURFACE FLASHING CAP SHEET
- 075200.D NEW SBS MODIFIED BITUMINOUS FLASHING BASE SHEET
- 075200.F NEW 2 1/2" THICK POLYISOCYANURATE INSULATION
- 075200.G NEW TAPERED POLYISOCYANURATE INSULATION
- 075200.I NEW 1/2" THICK COVER BOARD - ADHERED
- 075200.P NEW VAPOR RETARDER
- 075200.R NEW WALKPAD - SEE DETAIL 3/A102 FOR MORE INFORMATION
- 076200.A5 NEW STAINLESS STEEL FLASHING WITH END DAM WITH SELF-ADHERING, HIGH-TEMPERATURE SEPARATION SHEET.
- 076200.A6 NEW STAINLESS STEEL HEAD FLASHING WITH SELF-ADHERING, HIGH-TEMPERATURE SEPARATION SHEET.
- 076200.C1 NEW METAL COPING
- 076200.I2 NEW WELDED WATERTIGHT SCUPPER
- 076200.M NEW OVERFLOW ROOF DRAIN. CONNECT TO EXISTING PIPING
- 076200.N STAINLESS STEEL DOWNSPOUT WITH STRAPS @ 4'-0" VERTICALLY
- 076200.P NEW RETROFIT DRAIN
- 076200.Q NEW SCUPPER
- 079200.A1 NEW SEALANT
- 079200.B1 NEW LAP SEALANT
- 089119.A1 NEW FIXED EXTRUDED ALUMINUM LOUVER
- 089119.A2 NEW 6" HIGH X 1 1/2" WIDE X 5/16" THICK X 3" ALUMINUM CLIP ANGLE. INSTALL 2 AT TOP AND 2 AT BOTTOM OF EXISTING LOUVER OPENING.
- 089119.A3 NEW (4) 1/4" - 14 X 1" S/S SMS STAINLESS STEEL SCREWS
- 089119.A4 NEW (2) 1/4" - 14 X 1" S/S SMS STAINLESS STEEL SCREWS
- 089119.A6 NEW 1 1/2" HIGH X 1 1/2" WIDE X 3/16" THICK X 1 1/2" LONG ALUMINUM CLIP ANGLE @24" O.C. (JAMBS ONLY - MINIMUM 2 PER JAMB)

##### Construction Notes

- C1.1 EXISTING CONCRETE ROOF DECK
- C1.2 EXISTING WOOD BLOCKING (FASTEN WOOD BLOCKING TO MASONRY USING 1/4" DIA. HILTI KWIK-CON II+ @24" O.C.)
- C1.8 SEE DETAIL 1/A-2 FOR ROOFING INFORMATION
- C1.14 EXISTING 4" DIA. CAST IRON STORMWATER CONDUCTOR
- C1.18 EXISTING 8" CONCRETE BLOCK WALL
- C1.32 EXISTING 3/4" FURRING TRACK @12" O.C. TO REMAIN FOR SHEATHING AND NEW METAL PANEL
- C1.33 EXISTING STEEL LINTEL



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Building Envelope**

**Location**  
135 W Hanover St. Trenton,  
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**Date**

7/30/2019

**Architect**

**LAMMEY + GIORGIO** Lammevy + Giorgio  
Architecture + Design  
215 Highland Ave, Suite B  
Haddon Twp, NJ, 08108  
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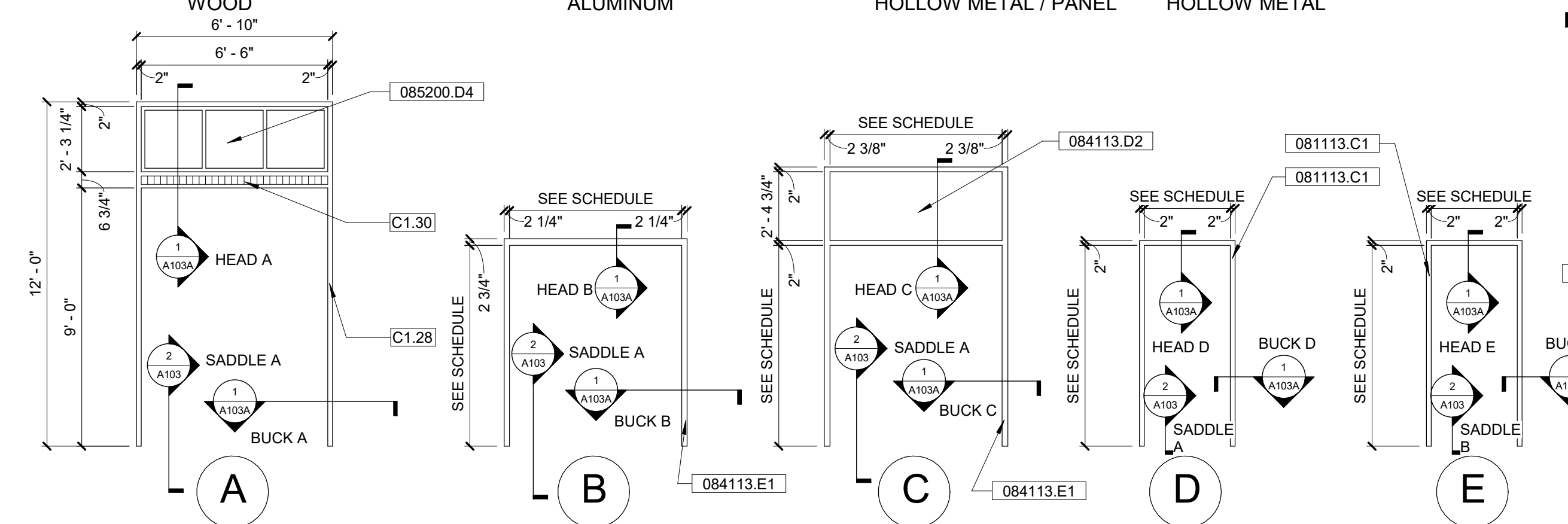
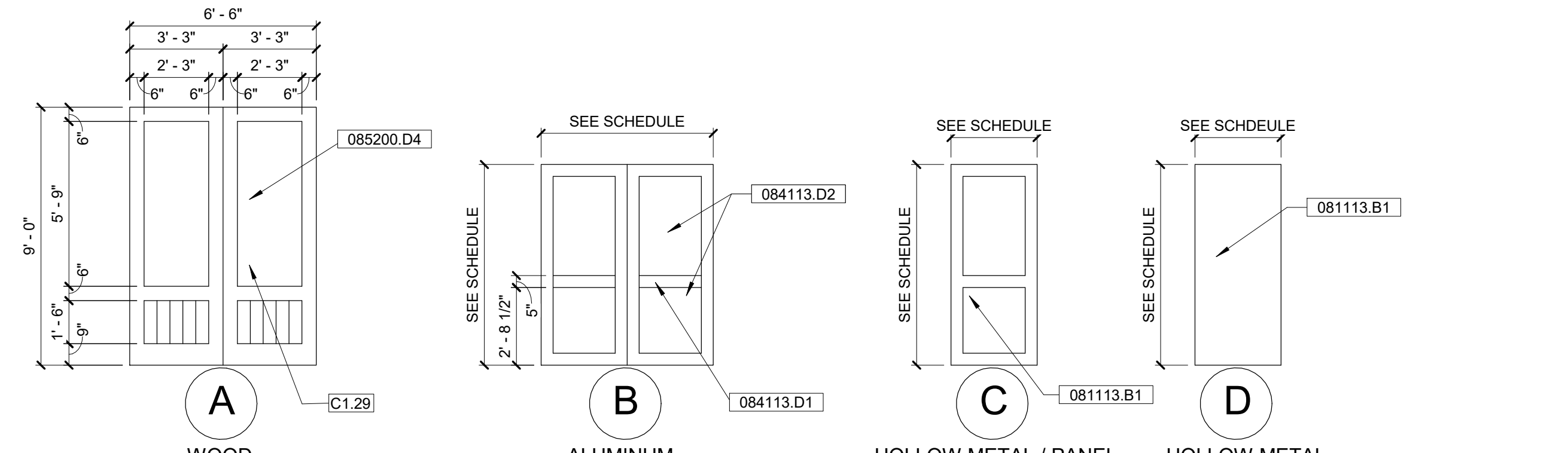
William Lammevy - AIA - NJ C6793  
Anthony Giorgio - AIA - NJ 07626

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2	Final Design Submission	11/26/2019
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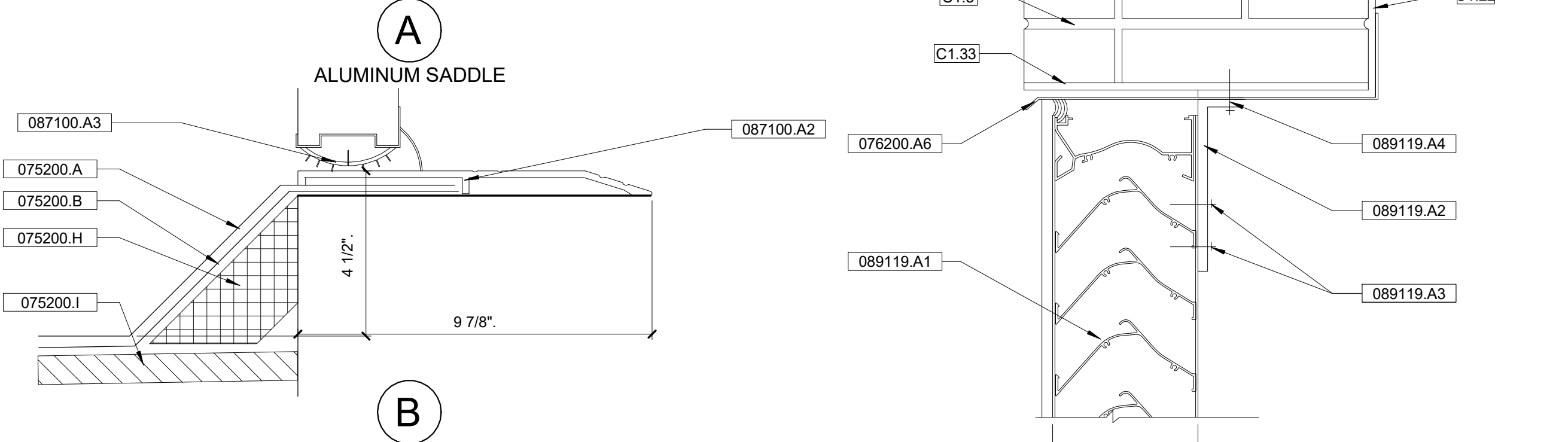
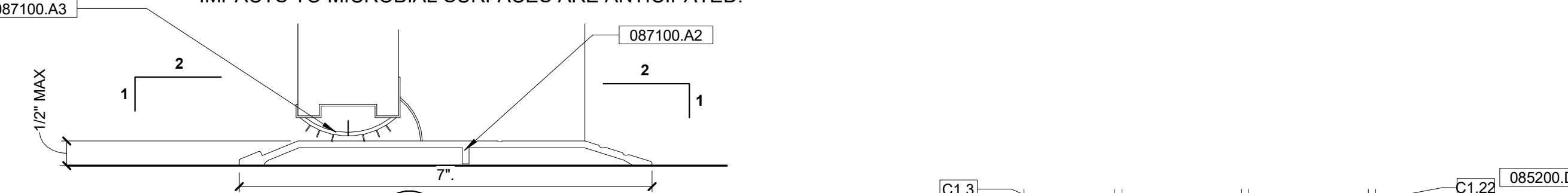
**Sheet Title**  
New Roof Details

**Sheet No.**  
**A102**  
Sheet 6 of 20  
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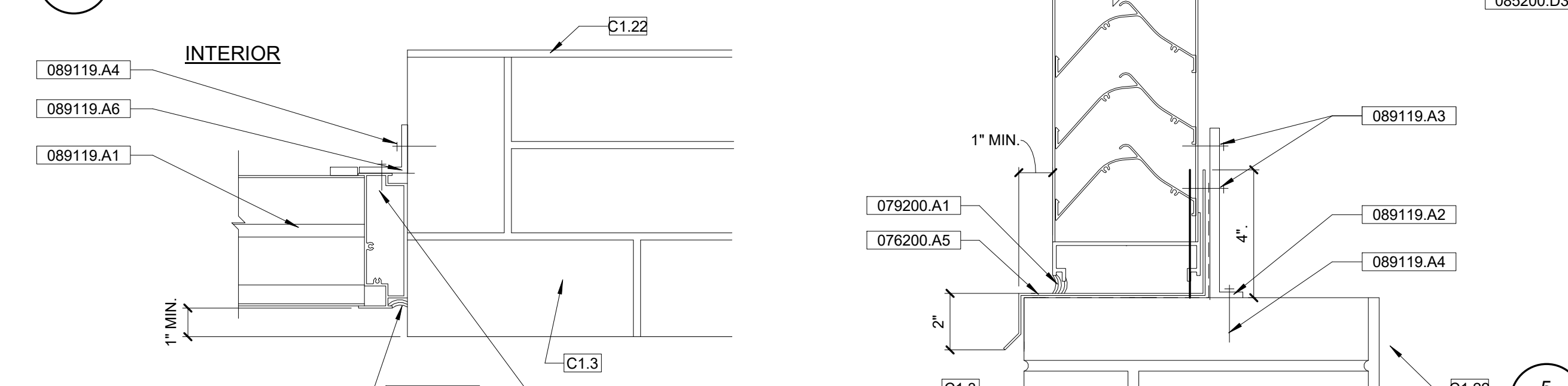
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DOOR										FRAME										
NO.	WIDTH	HEIGHT	THK.	TYPE	MATL	FINISH	LEAVES	GLASS	REMARKS	TYPE	MATL	FINISH	BUCK	HEAD	SADDLE	HDWR	FIRE	RATING	REMARKS	
1	6'-6"	9'-0"	1 3/4"	A	WOOD	STAIN	2	INSUL SAFETY	EXISTING DOOR AND FRAME TO BE RESTORED	A	WOOD	STAIN	A	A	A	1				
2	6'-0"	7'-0"	1 3/4"	B	ALUM		2	INSUL SAFETY		C	ALUM		B	B	A	2				
3	6'-0"	7'-0"	1 3/4"	B	ALUM		2	INSUL SAFETY		B	ALUM		C	C	A	3				
4	3'-0"	7'-0"	1 3/4"	D	HM	PAINT	1			D	HM	PAINT	D	D	A	4	45 MIN.			
5	3'-0"	7'-0"	1 3/4"	C	HM	PAINT	1			D	HM	PAINT	D	D	A	5	45 MIN.			
6	3'-0"	7'-0"	1 3/4"	C	HM	PAINT	1			D	HM	PAINT	D	D	A	5	45 MIN.			
7	3'-0"	7'-0"	1 3/4"	C	HM	PAINT	1			D	HM	PAINT	D	D	A	5	45 MIN.			
8	3'-0"	7'-0"	1 3/4"	C	HM	PAINT	1			D	HM	PAINT	D	D	A	5	45 MIN.			
9	3'-0"	7'-0"	1 3/4"	C	HM	PAINT	1			D	HM	PAINT	D	D	A	5	45 MIN.			
10	3'-0"	7'-0"	1 3/4"	C	HM	PAINT	1			D	HM	PAINT	D	D	A	5	45 MIN.			
11	3'-4"	7'-0"	1 3/4"	D	HM	PAINT	1			E	HM	PAINT	E	E	B	4	45 MIN.			



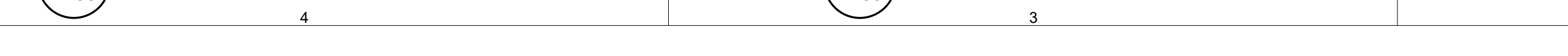
**1 Door Details**  
 1/4" = 1'-0"  
 NOTE: THE PRESENCE OF MICROBIAL GROWTH (MOLD) EXISTS WITHIN THE BUILDING. THE CONTRACTOR SHALL COMPLY WITH THE PUBLIC EMPLOYEES OCCUPATIONAL SAFETY AND HEALTH PROGRAM "MOLD IN WORKPLACE PREVENTION AND CONTROL" BULLETIN WHEN IMPACTS TO MICROBIAL SURFACES ARE ANTICIPATED.



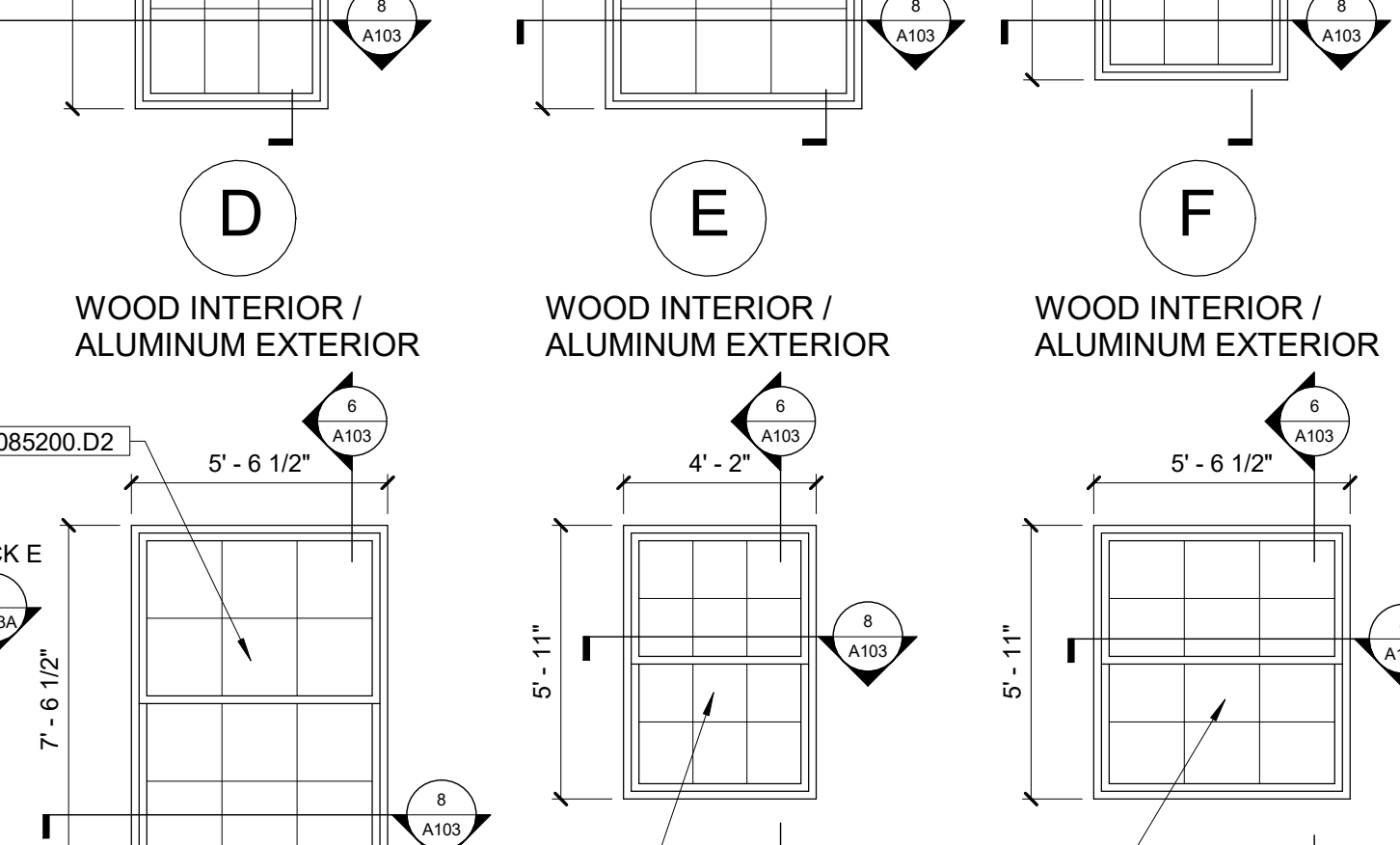
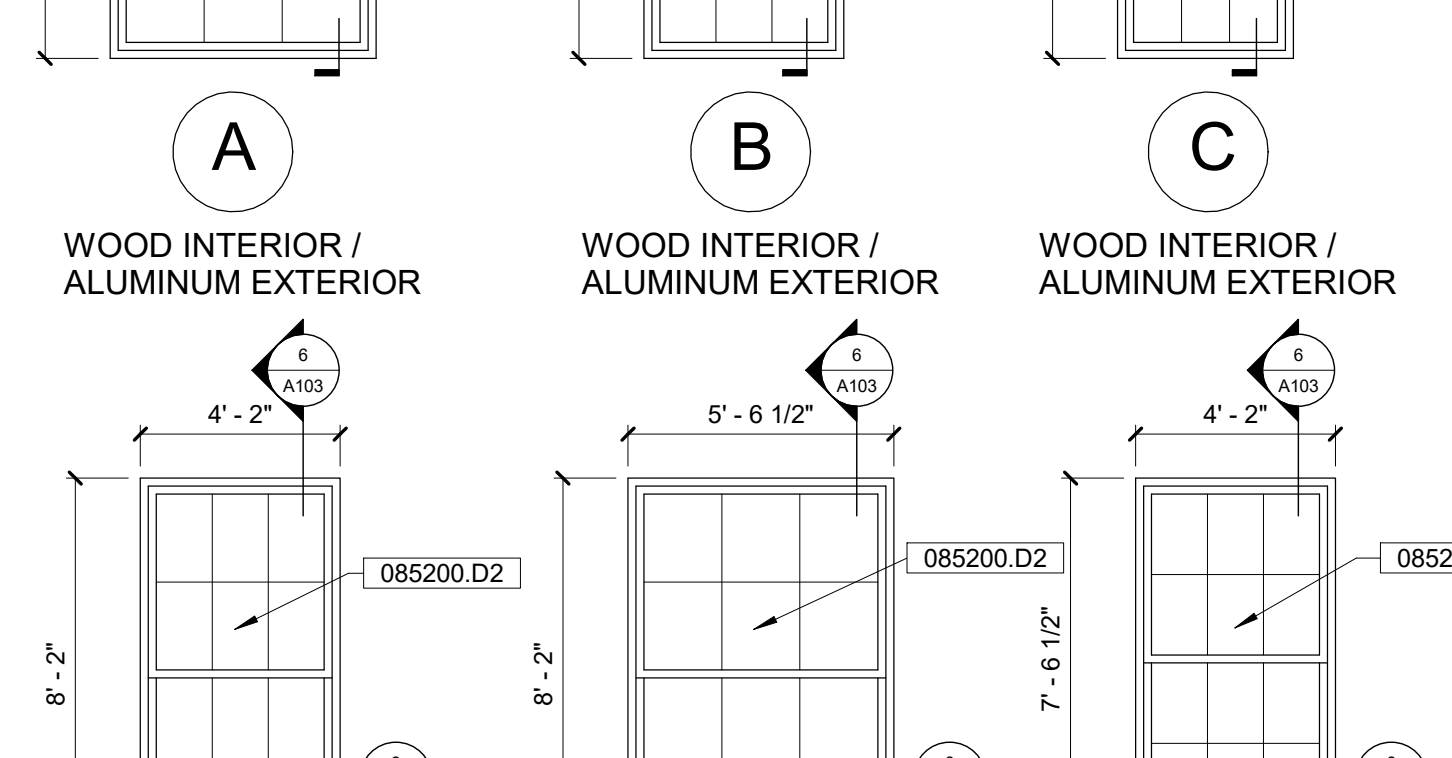
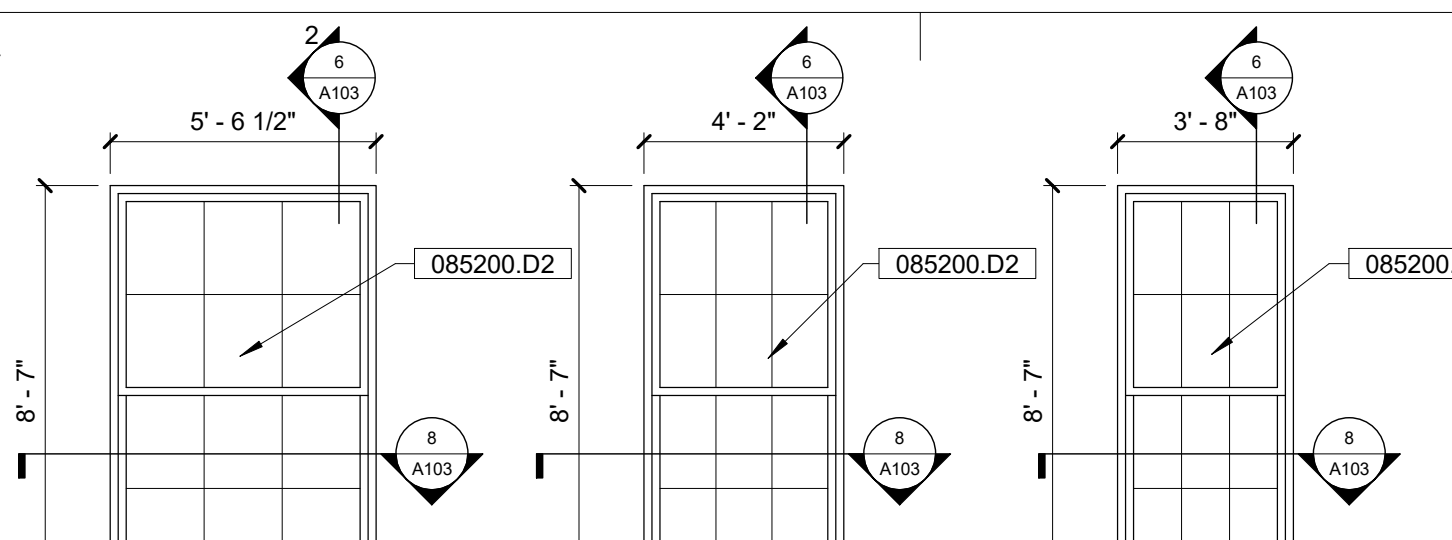
**2 Saddle Types**  
 6" = 1'-0"



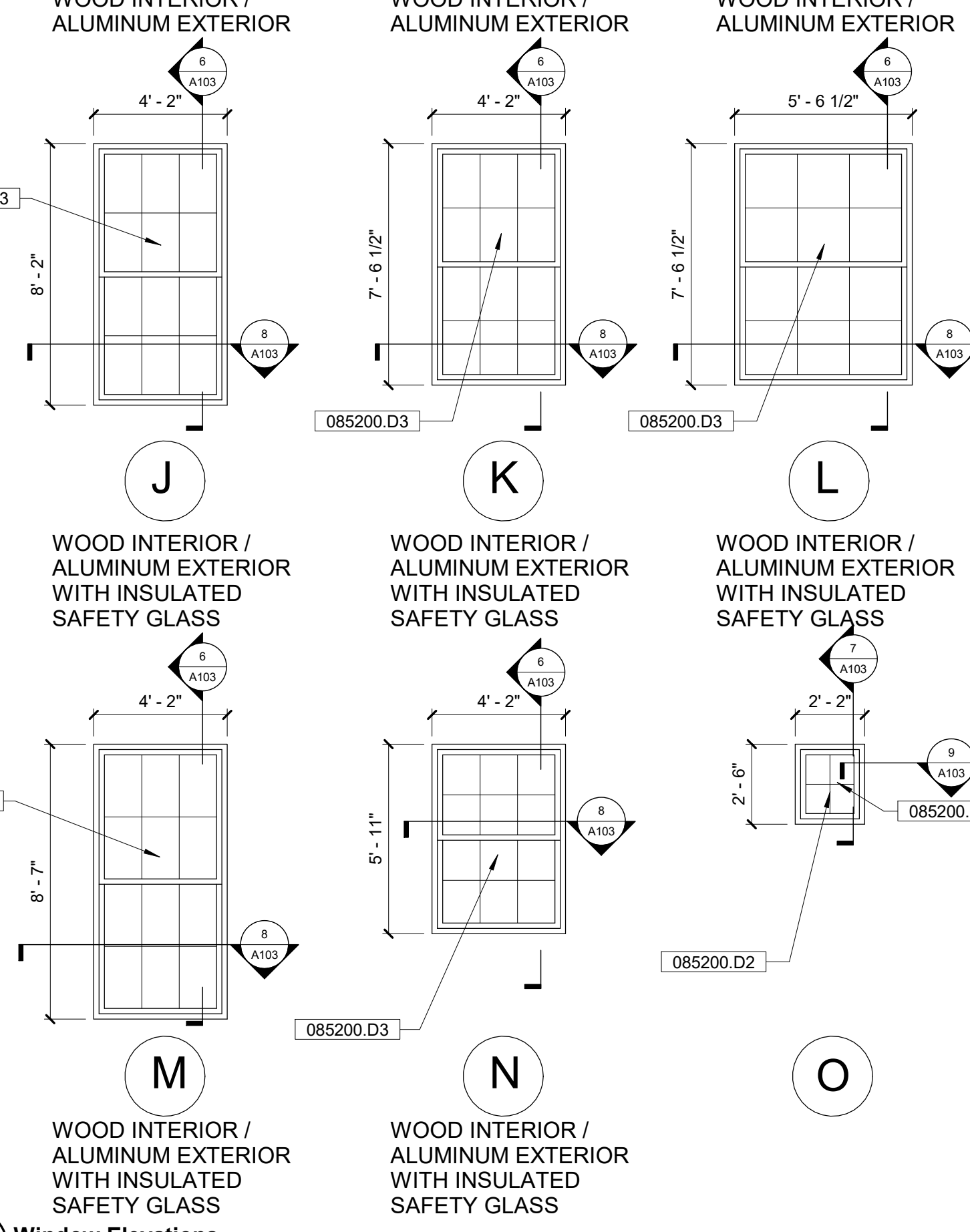
**3 Louver Jamb Detail**  
 3" = 1'-0"



**4 Louver Section**  
 3" = 1'-0"



**5 Window Elevations**  
 1/4" = 1'-0"



**10 Louver Types**  
 1/4" = 1'-0"



**6 Window Head/Sill Detail**  
 1 1/2" = 1'-0"

**Drawing Keynotes**

061000.A3 NEW 1/2" TYPE "X" GYPSUM SHEATHING; ATTACH TO EXISTING FURRING AT 16" O.C. APPLY 30-MIL SELF-ADHERING, HIGH TEMPERATURE UNDERLAYMENT.

074213.B1 NEW METAL WALL PANELS - ATTACH WITH (2)#10 X 1" WAFER HEAD SCREWS @12" O.C.

075200.A NEW SBS MODIFIED BITUMINOUS CAP SHEET

075200.B NEW SBS MODIFIED BITUMINOUS BASE SHEET

075200.C NEW INSULATION CANT STRIP

075200.H NEW 1/2" THICK COVER BOARD - ADHERED

076200.A3 NEW WINDOW HEAD FLASHING WITH SELF-ADHERING, HIGH-TEMPERATURE SEPARATION SHEET.

076200.A4 NEW WINDOW SILL FLASHING WITH SELF-ADHERING, HIGH-TEMPERATURE SEPARATION SHEET.

076200.A5 NEW STAINLESS STEEL FLASHING WITH END DAM WITH SELF-ADHERING, HIGH-TEMPERATURE SEPARATION SHEET.

076200.A6 NEW STAINLESS STEEL HEAD FLASHING WITH SELF-ADHERING, HIGH-TEMPERATURE SEPARATION SHEET.

079200.A1 NEW SEALANT

079200.C2 BACKER ROD W/ SEALANT

081113.B1 NEW HOLLOW METAL DOOR

081113.C1 NEW HOLLOW METAL DOOR FRAME

084113.D1 NEW ALUMINUM DOOR

084113.D2 NEW INSULATED SAFETY GLASS IN ALUMINUM FRAMED ENTRANCE DOORS AND TRANSOMS

084113.E1 ALUMINUM DOOR FRAME

085200.D2 NEW INSULATING GLASS AT WINDOWS

085200.D3 NEW INSULATED SAFETY GLASS AT NOTED WINDOW TYPES

085200.D4 NEW INSULATED SAFETY GLAZING AT ALL WOOD DOORS AND TRANSOMS

085200.H1 NEW WOOD SINGLE HUNG WINDOW

085200.H2 NEW WOOD FIXED WINDOW

085200.H3 NEW WOOD WINDOW HEAD EXTENSION

085200.H4 NEW WOOD WINDOW SILL EXTENSION

085200.H5 NEW WOOD WINDOW JAMB EXTENSION

087100.A2 NEW HANDICAP ACCESSIBLE ALUMINUM THRESHOLD

087100.A3 NEW DOOR SWEEP

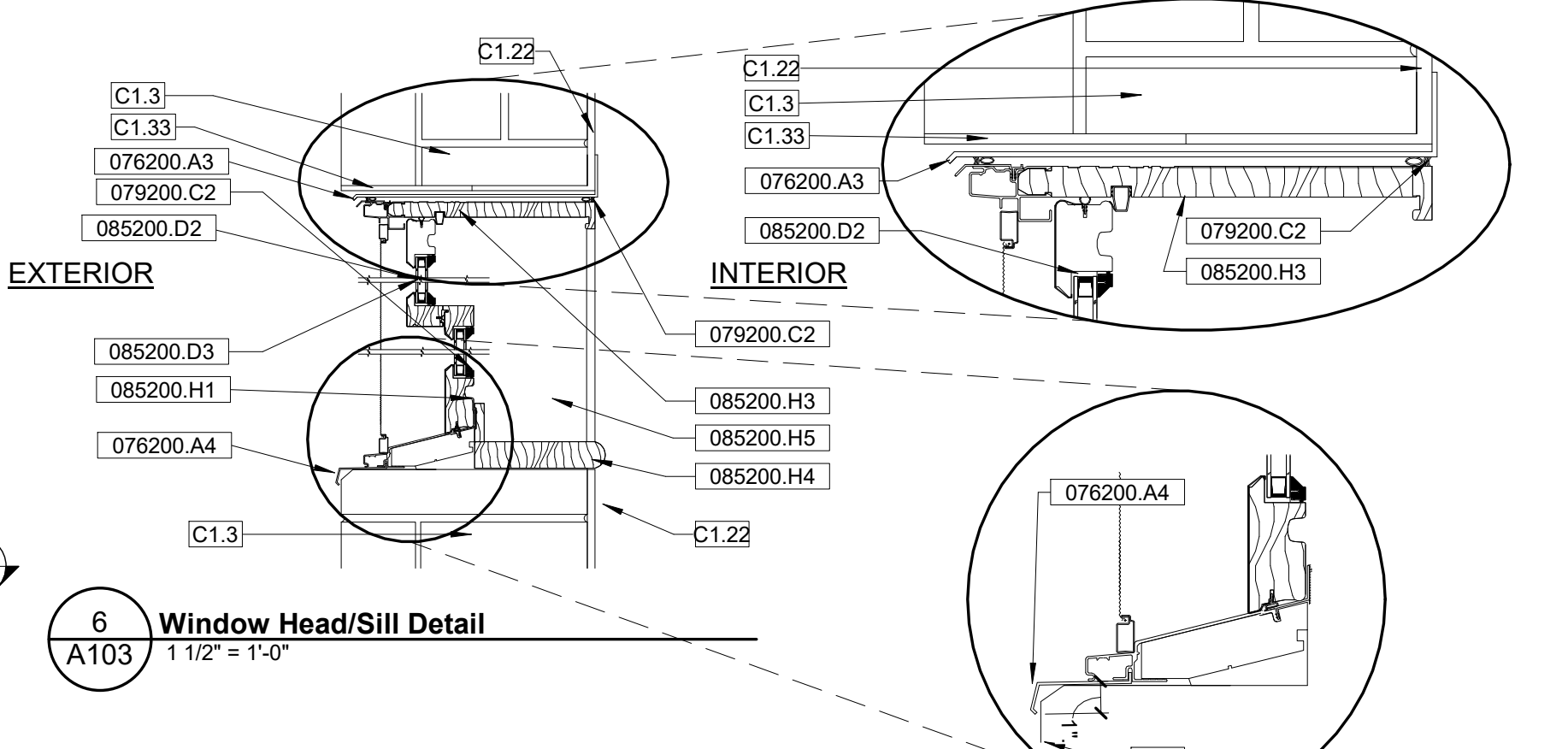
089119.A1 NEW FIXED EXTRUDED ALUMINUM LOUVER

089119.A2 NEW 6" HIGH X 1 1/2" WIDE X 5/16" THICK X 3" ALUMINUM CLIP ANGLE. INSTALL 2 AT TOP AND 2 AT BOTTOM OF EXISTING LOUVER OPENING.

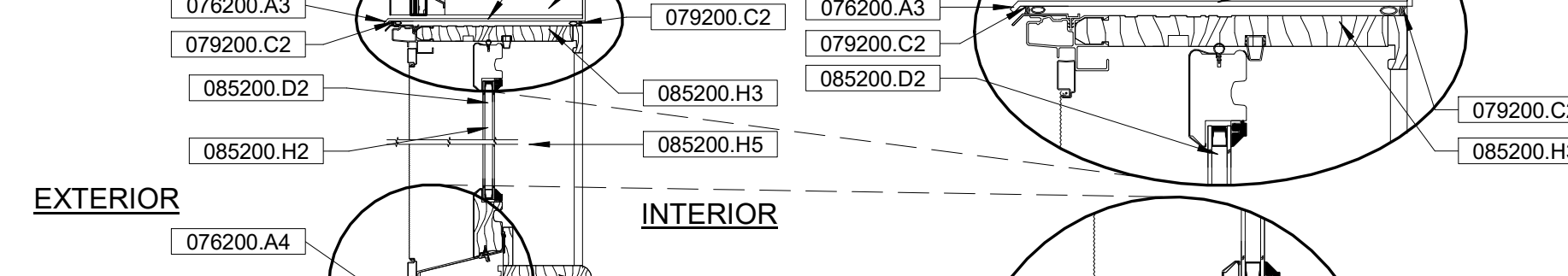
089119.A3 NEW (4) 1/4" - 14 X 1" S/S SMS STAINLESS STEEL SCREWS

089119.A4 NEW (2) 1/4" - 14 X 1" S/S SMS STAINLESS STEEL SCREWS

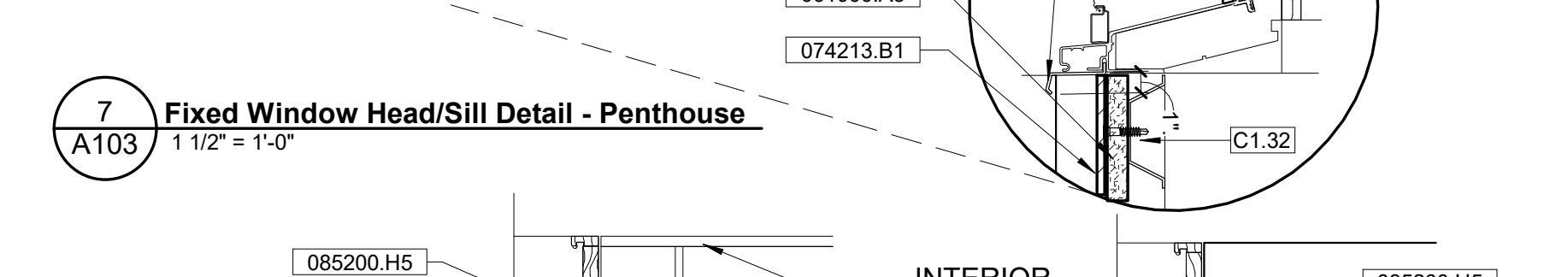
089119.A6 NEW 1 1/2" HIGH X 1 1/2" WIDE X 3/16" THICK X 1 1/2" LONG ALUMINUM CLIP ANGLE @24" O.C. (JAMBS ONLY - MINIMUM 2 PER JAMB)



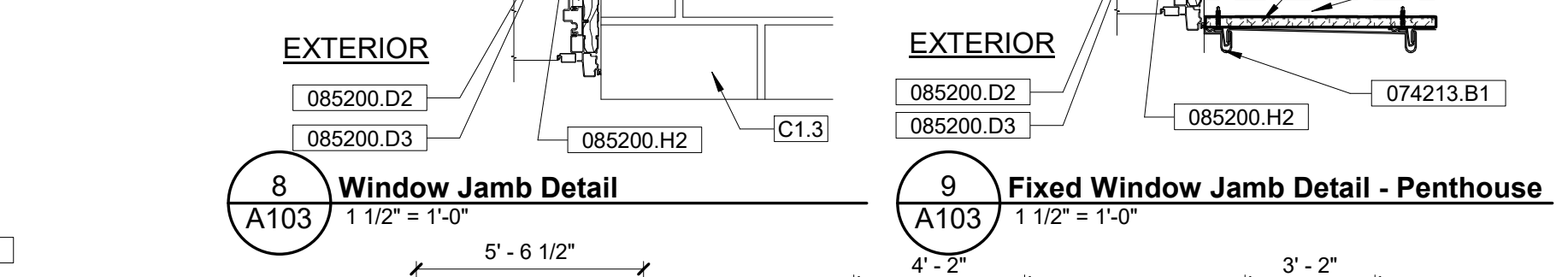
**7 Fixed Window Head/Sill Detail - Penthouse**  
 1 1/2" = 1'-0"



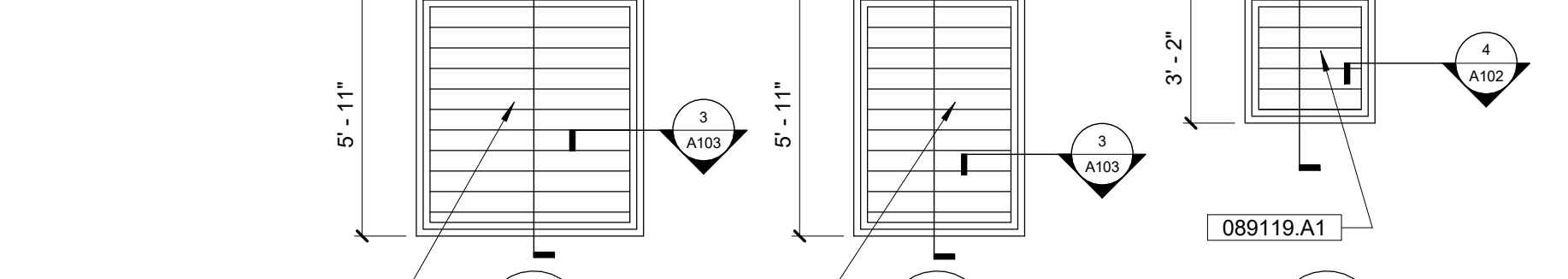
**8 Window Jamb Detail**  
 1 1/2" = 1'-0"



**9 Fixed Window Jamb Detail - Penthouse**  
 1 1/2" = 1'-0"



**10 Louver Types**  
 1/4" = 1'-0"



**10 Louver Types**  
 1/4" = 1'-0"



**6 Window Head/Sill Detail**  
 1 1/2" = 1'-0"

**Construction Notes**

C1.3 EXISTING MASONRY WALL

C1.20 EXISTING 8" CONCRETE BLOCK WALL

C1.22 EXISTING PLASTER FINISH

C1.28 EXISTING DOOR FRAME TO BE REPAIRED. INSTALL NEW INSULATED SAFETY GLAZING IN THE EXISTING TRANSOM.

C1.29 EXISTING DOOR TO BE REMOVED, REPAIRED AND REINSTALLED. INSTALL NEW SAFETY GLAZING IN DOOR.

C1.30 EXISTING DOOR FRAME PANEL. CONTRACTOR TO RESTORE.

C1.32 EXISTING 3/4" FURRING TRACK @12" O.C. TO REMAIN FOR SHEATHING AND NEW METAL PANEL.

C1.33 EXISTING STEEL LINTEL

## DPMC Restoration Upgrades to Exterior Building Envelope

**Location**  
 135 W Hanover St. Trenton, New Jersey

**Project Number**  
 DPMC: A1310-00

**L&G:** 19504

**Date**  
 7/30/2019

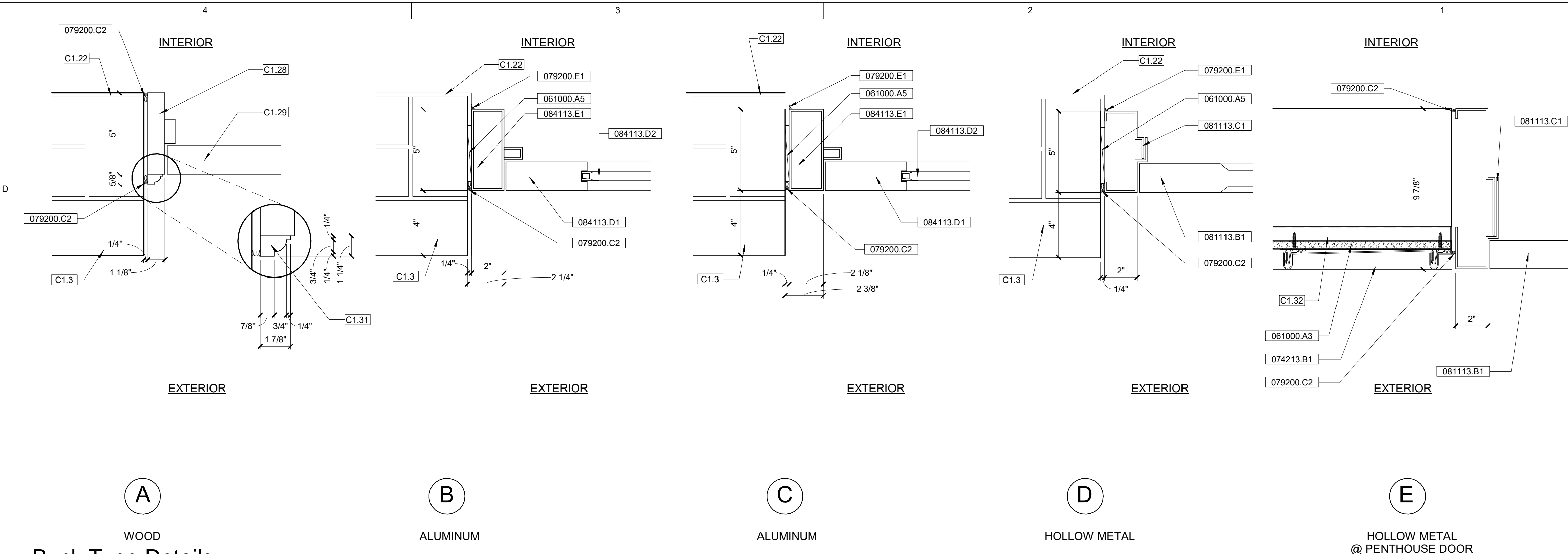
**Architect**

**LAMMEY + GIORGIO** LammeY + GIORGIO  
 Architecture + Design  
 215 Highland Ave. Suite B  
 Haddon Twp. NJ, 08108  
 p.856.833.0010

#	Issue/Revision	Date
2	Final Design Submission	11/26/2019
3	Final Design Submission 2	02/24/2020
4	Final Design Submission 3	03/09/2020
5	Final Design Submission 4	03/16/2020

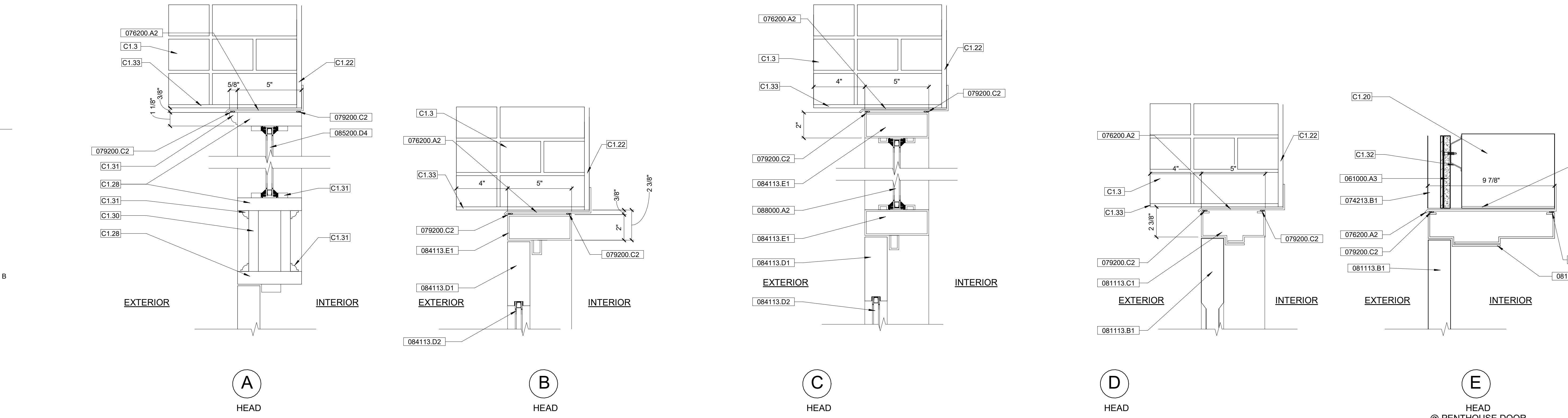
**Sheet Title**  
 Door and Window Schedules and Details

**Sheet No.**  
**A103**  
 Sheet 7 of 20  
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- Drawing Keynotes**
- 061000.A3 NEW 1/2" TYPE "X" GYPSUM SHEATHING; ATTACH TO EXISTING FURRING AT 16" O.C.. APPLY 30-MIL SELF-ADHERING, HIGH TEMPERATURE UNDERLAYMENT.
  - 061000.A5 NEW FIRE TREAT WOOD SHIM
  - 074213.B1 NEW METAL WALL PANELS - ATTACH WITH (2)#10 X 1" WAFER HEAD SCREWS @12" O.C.
  - 076200.A2 NEW THRU-WALL FLASHING WITH SELF-ADHERING, HIGH-TEMPERATURE SEPARATION SHEET.
  - 079200.C2 BACKER ROD W/ SEALANT
  - 079200.E1 JOINT SEALANT
  - 081113.B1 NEW HOLLOW METAL DOOR
  - 081113.C1 NEW HOLLOW METAL DOOR FRAME
  - 084113.D1 NEW ALUMINUM DOOR
  - 084113.D2 NEW INSULATED SAFETY GLASS IN ALUMINUM FRAMED ENTRANCE DOORS AND TRANSOMS
  - 084113.E1 ALUMINUM DOOR FRAME
  - 085200.D4 NEW INSULATED SAFETY GLAZING AT ALL WOOD DOORS AND TRANSOMS
  - 088000.A2 NEW DOOR SAFETY GLAZING
- Construction Notes**
- C1.3 EXISTING MASONRY WALL
  - C1.20 EXISTING 8" CONCRETE BLOCK WALL
  - C1.22 EXISTING PLASTER FINISH
  - C1.28 EXISTING DOOR FRAME TO BE REPAIRED. INSTALL NEW INSULATED SAFETY GLAZING IN THE EXISTING TRANSOM.
  - C1.29 EXISTING DOOR TO BE REMOVED, REPAIRED AND REINSTALLED. INSTALL NEW SAFETY GLAZING IN DOOR.
  - C1.30 EXISTING DOOR FRAME PANEL. CONTRACTOR TO RESTORE.
  - C1.31 EXISTING DOOR FRAME TRIM. CONTRACTOR TO RESTORE
  - C1.32 EXISTING 3/4" FURRING TRACK @12" O.C. TO REMAIN FOR SHEATHING AND NEW METAL PANEL
  - C1.33 EXISTING STEEL LINTEL

**Buck Type Details**



**Head Type Details**

**1 Buck and Head Details**  
 A103A 3/8" = 1'-0"

NOTE: THE PRESENCE OF MICROBIAL GROWTH (MOLD) EXISTS WITHIN THE BUILDING. THE CONTRACTOR SHALL COMPLY WITH THE PUBLIC EMPLOYEES OCCUPATIONAL SAFETY AND HEALTH PROGRAM "MOLD IN WORKPLACE PREVENTION AND CONTROL" BULLETIN WHEN IMPACTS TO MICROBIAL SURFACES ARE ANTICIPATED.

**DPMC Restoration  
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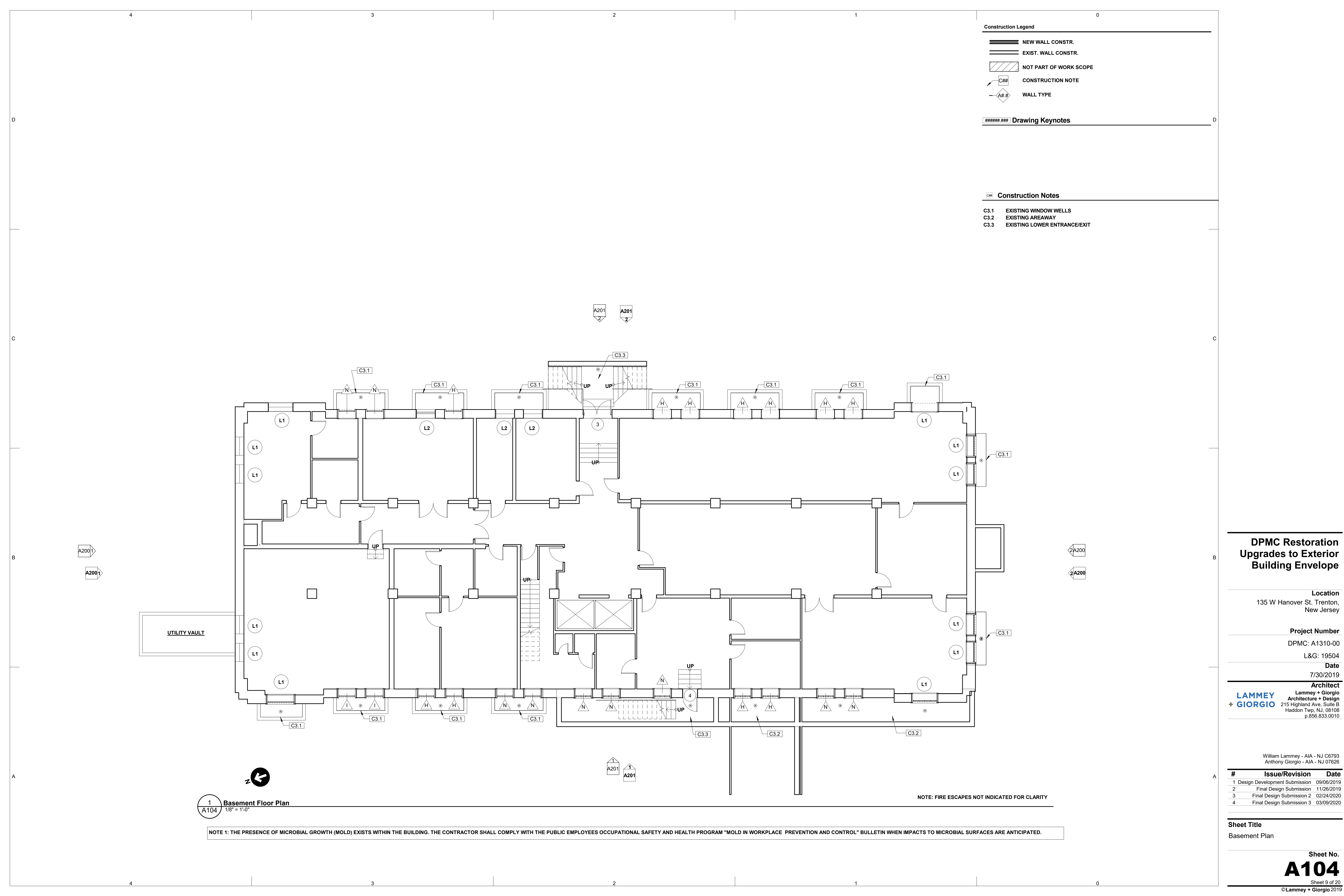
**Architect**  
**LAMMEY + GIORGIO** Architecture + Design  
 215 Highland Ave., Suite B  
 Haddon Twp, NJ, 08108  
 p.856.833.0010

#	Issue/Revision	Date
3	Final Design Submission 2	02/24/2020
4	Final Design Submission 3	03/09/2020
5	Final Design Submission 4	03/16/2020

**Sheet Title**  
 Door Details

**Sheet No.**  
**A103A**  
 Sheet 8 of 20  
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**Construction Legend**

	NEW WALL CONSTR.
	EXIST. WALL CONSTR.
	NOT PART OF WORK SCOPE
	CONSTRUCTION NOTE
	WALL TYPE

**Drawing Keynotes**

**Construction Notes**

C3.1	EXISTING WINDOW WELLS
C3.2	EXISTING AREAWAY
C3.3	EXISTING LOWER ENTRANCE/EXIT

**1** Basement Floor Plan  
**A104**  
 1/8" = 1'-0"

NOTE 1: THE PRESENCE OF MICROBIAL GROWTH (MOLD) EXISTS WITHIN THE BUILDING. THE CONTRACTOR SHALL COMPLY WITH THE PUBLIC EMPLOYEES OCCUPATIONAL SAFETY AND HEALTH PROGRAM "MOLD IN WORKPLACE PREVENTION AND CONTROL" BULLETIN WHEN IMPACTS TO MICROBIAL SURFACES ARE ANTICIPATED.

NOTE: FIRE ESCAPES NOT INDICATED FOR CLARITY

**DPMC Restoration  
 Upgrades to Exterior  
 Building Envelope**

**Location**  
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 New Jersey

**Project Number**  
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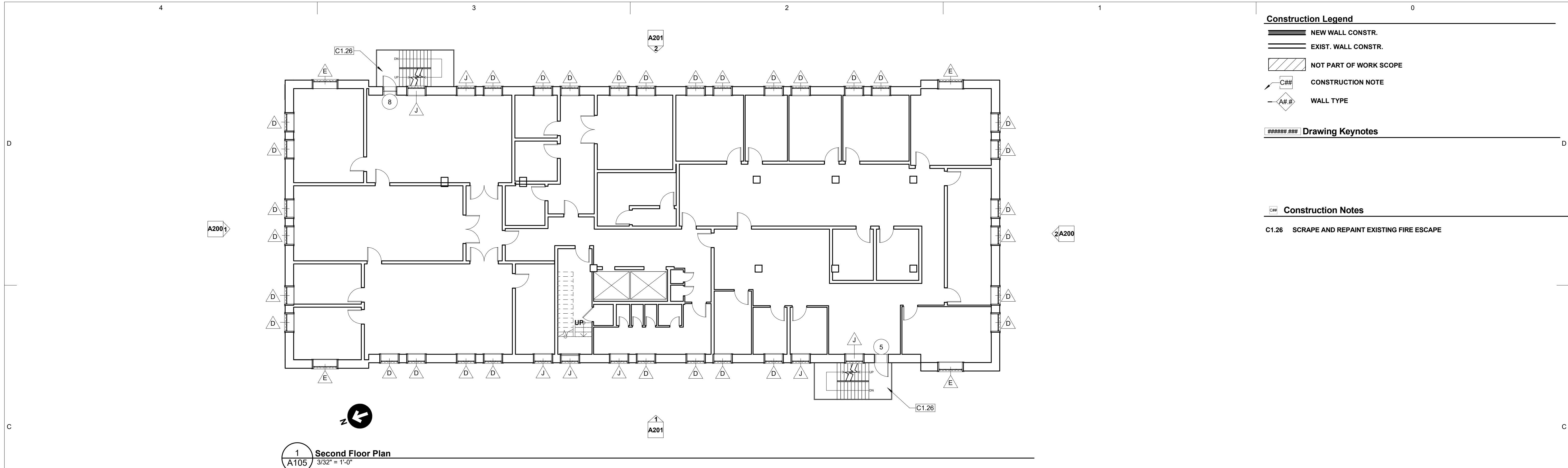
**Date**  
 7/30/2019

**Architect**  
**LAMMEY + GIORGIO** Architecture + Design  
 215 Highland Ave., Suite B  
 Haddon Twp. NJ, 08108  
 p.856.833.0010

#	Issue/Revision	Date
1	Design Development Submission	09/06/2019
2	Final Design Submission	11/26/2019
3	Final Design Submission 2	02/24/2020
4	Final Design Submission 3	03/09/2020

**Sheet Title**  
 Basement Plan

Sheet No.  
**A104**  
 Sheet 9 of 20  
 ©Lammy + Giorgio 2019



**1 Second Floor Plan**  
A105 3/32" = 1'-0"

NOTE 1: THE PRESENCE OF MICROBIAL GROWTH (MOLD) EXISTS WITHIN THE BUILDING. THE CONTRACTOR SHALL COMPLY WITH THE PUBLIC EMPLOYEES OCCUPATIONAL SAFETY AND HEALTH PROGRAM "MOLD IN WORKPLACE PREVENTION AND CONTROL" BULLETIN WHEN IMPACTS TO MICROBIAL SURFACES ARE ANTICIPATED.

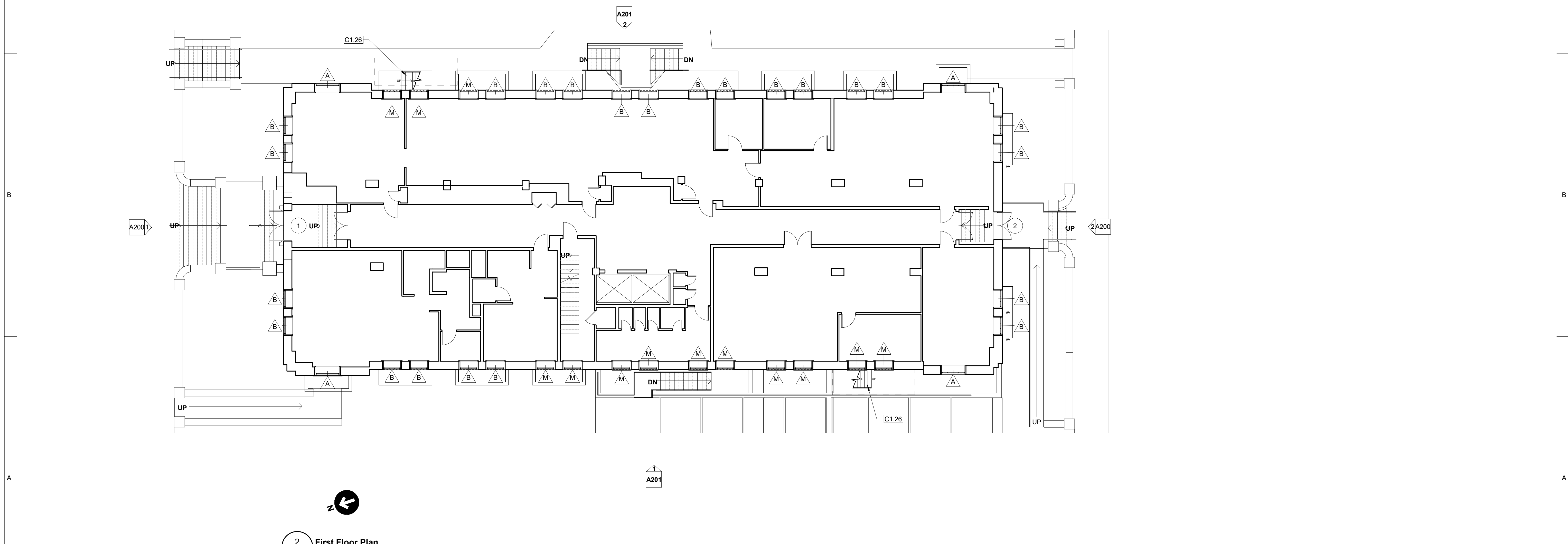
**Construction Legend**

- NEW WALL CONSTR.
- EXIST. WALL CONSTR.
- NOT PART OF WORK SCOPE
- CONSTRUCTION NOTE
- WALL TYPE

**Drawing Keynotes**

**Construction Notes**

C1.26 SCRAPE AND REPAINT EXISTING FIRE ESCAPE



**2 First Floor Plan**  
A105 3/32" = 1'-0"

NOTE 1: THE PRESENCE OF MICROBIAL GROWTH (MOLD) EXISTS WITHIN THE BUILDING. THE CONTRACTOR SHALL COMPLY WITH THE PUBLIC EMPLOYEES OCCUPATIONAL SAFETY AND HEALTH PROGRAM "MOLD IN WORKPLACE PREVENTION AND CONTROL" BULLETIN WHEN IMPACTS TO MICROBIAL SURFACES ARE ANTICIPATED.

**DPMC Restoration  
Upgrades to Exterior  
Building Envelope**

**Location**  
135 W Hanover St. Trenton,  
New Jersey

**Project Number**  
DPMC: A1310-00

L&G: 19504

**Date**  
7/30/2019

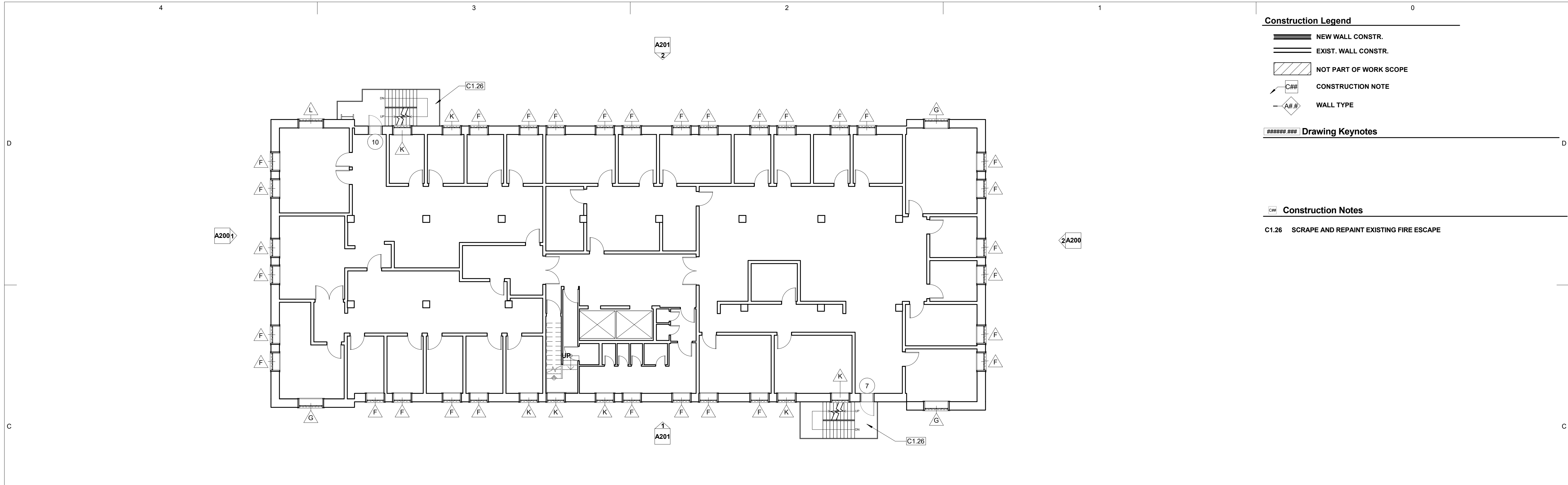
**Architect**  
**LAMMEY + GIORGIO** LammeY + Giorgio  
Architecture + Design  
215 Highland Ave. Suite B  
Haddon Twp. NJ, 08108  
p.856.833.0010

William LammeY - AIA - NJ C6793  
Anthony Giorgio - AIA - NJ 07626

#	Issue/Revision	Date
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4	Final Design Submission 3	03/09/2020

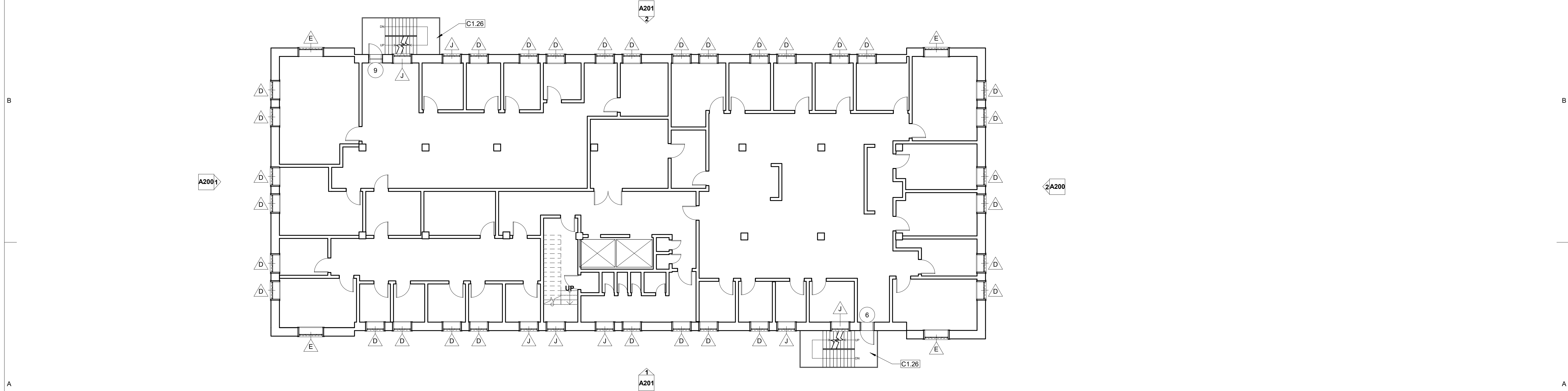
**Sheet Title**  
First & Second Floor Plans

**Sheet No.**  
**A105**  
Sheet 10 of 20  
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**3 Fourth Floor Plan**  
A106 3/32" = 1'-0"

NOTE 1: THE PRESENCE OF MICROBIAL GROWTH (MOLD) EXISTS WITHIN THE BUILDING. THE CONTRACTOR SHALL COMPLY WITH THE PUBLIC EMPLOYEES OCCUPATIONAL SAFETY AND HEALTH PROGRAM "MOLD IN WORKPLACE PREVENTION AND CONTROL" BULLETIN WHEN IMPACTS TO MICROBIAL SURFACES ARE ANTICIPATED.



**2 Third Floor Plan**  
A106 3/32" = 1'-0"

NOTE 1: THE PRESENCE OF MICROBIAL GROWTH (MOLD) EXISTS WITHIN THE BUILDING. THE CONTRACTOR SHALL COMPLY WITH THE PUBLIC EMPLOYEES OCCUPATIONAL SAFETY AND HEALTH PROGRAM "MOLD IN WORKPLACE PREVENTION AND CONTROL" BULLETIN WHEN IMPACTS TO MICROBIAL SURFACES ARE ANTICIPATED.

**Construction Legend**

- NEW WALL CONSTR.
- EXIST. WALL CONSTR.
- NOT PART OF WORK SCOPE
- CONSTRUCTION NOTE
- WALL TYPE

**Drawing Keynotes**

**Construction Notes**

C1.26 SCRAPE AND REPAINT EXISTING FIRE ESCAPE

**DPMC Restoration  
Upgrades to Exterior  
Building Envelope**

**Location**  
135 W Hanover St. Trenton,  
New Jersey

**Project Number**  
DPMC: A1310-00  
L&G: 19504

**Date**  
7/30/2019

**Architect**  
**LAMMEY + GIORGIO** Architecture + Design  
215 Highland Ave., Suite B  
Haddon Twp, NJ, 08108  
p.856.833.0010

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1	Design Development Submission	09/06/2019
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3	Final Design Submission 2	02/24/2020
4	Final Design Submission 3	03/09/2020

**Sheet Title**  
Third & Fourth Floor Plans

**Sheet No.**  
**A106**  
Sheet 11 of 20  
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Fire Escape at East Side



Fire Escape at West Side



Fire Escape at West Side



Fire Escape from Roof at East Side



Fire Escape from Roof at East Side



Fire Escape from Roof at East Side

##### Drawing Keynotes

Construction Notes

C1.26 SCRAPE AND REPAINT EXISTING FIRE ESCAPE

**DPMC Restoration  
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L&G: 19504

**Date**  
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**Architect**  
**LAMMEY + GIORGIO** Lamme + Giorgio  
Architecture + Design  
215 Highland Ave, Suite B  
Haddon Twp, NJ, 08108  
p.856.833.0010

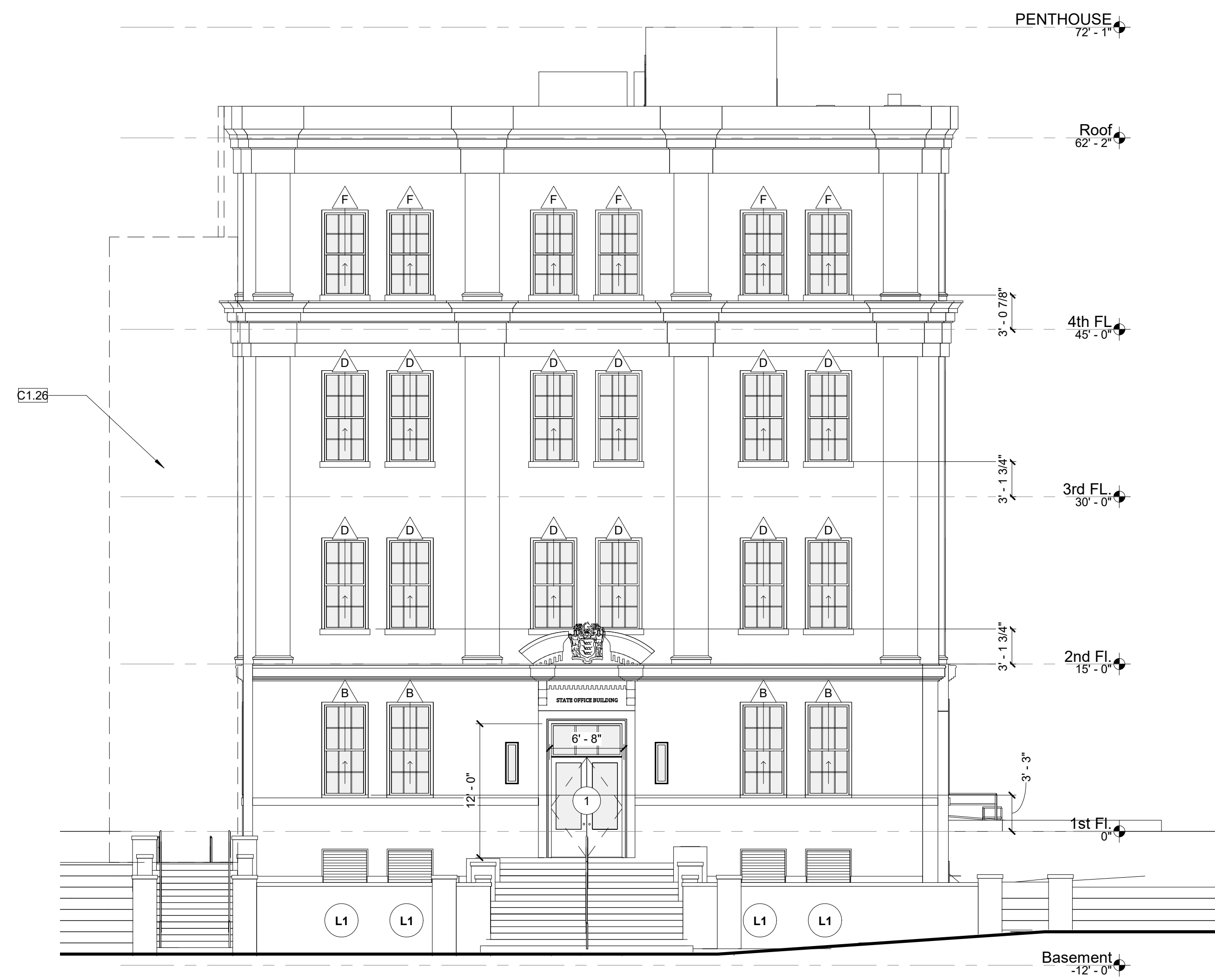
William Lamme - AIA - NJ C6793  
Anthony Giorgio - AIA - NJ 07626

#	Issue/Revision	Date
1	Design Development Submission	09/06/2019
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3	Final Design Submission 2	02/24/2020
4	Final Design Submission 3	03/09/2020

**Sheet Title**  
Exterior Fire Escape Photographs

**Sheet No.**  
**A107**

Sheet 12 of 20  
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1 North Elevation  
A200 1/8" = 1'-0"

NOTE 1: FIRE ESCAPES NOT INDICATED FOR CLARITY  
NOTE 2: SCRAPE AND REPAINT EXISTING FIRE ESCAPES



2 South Elevation  
A200 1/8" = 1'-0"

NOTE 1: FIRE ESCAPES NOT INDICATED FOR CLARITY  
NOTE 2: SCRAPE AND REPAINT EXISTING FIRE ESCAPES

### DPMC Restoration Upgrades to Exterior Building Envelope

**Location**  
135 W Hanover St. Trenton,  
New Jersey

**Project Number**  
DPMC: A1310-00

L&G: 19504

**Date**  
7/30/2019

**Architect**  
**LAMMEY + GIORGIO** Lammy + Giorgio  
Architecture + Design  
215 Highland Ave, Suite B  
Haddon Twp, NJ, 08108  
p.856.833.0010

William Lammy - AIA - NJ C6793  
Anthony Giorgio - AIA - NJ 07626

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4	Final Design Submission 3	03/09/2020

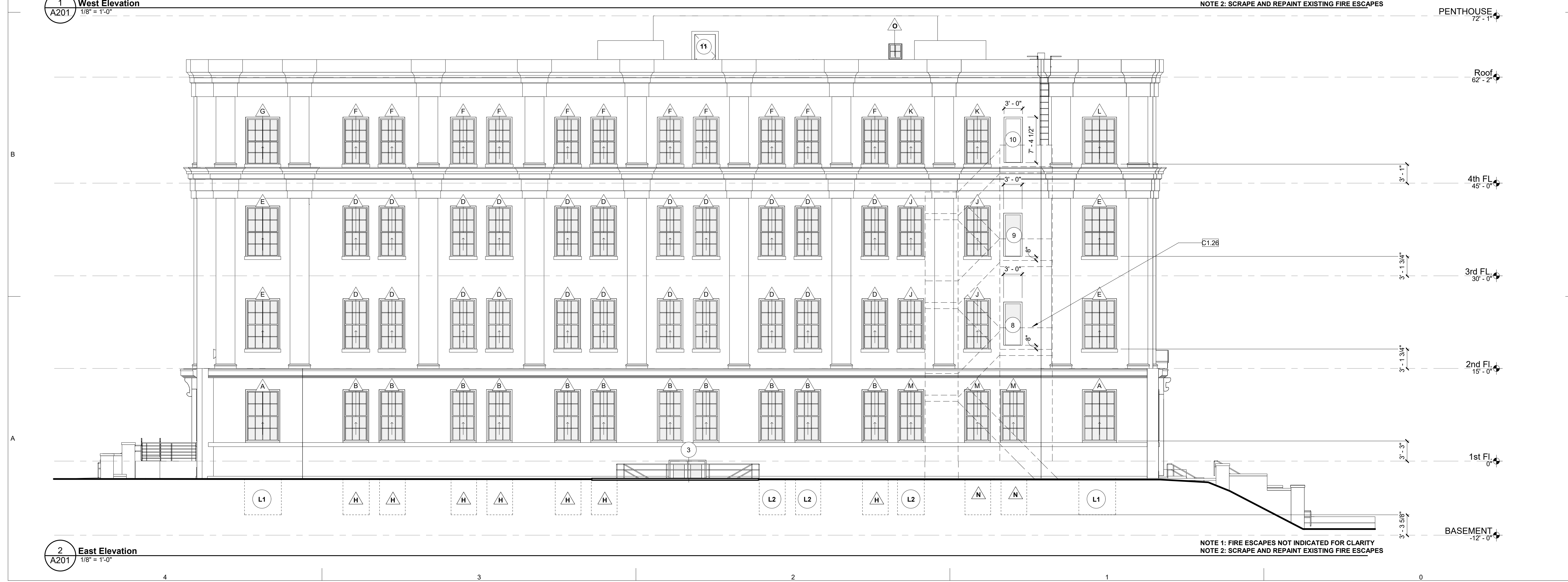
**Sheet Title**  
North and South Elevations

**Sheet No.**  
**A200**  
Sheet 13 of 20  
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**1 West Elevation**  
1/8" = 1'-0"

NOTE 1: FIRE ESCAPES NOT INDICATED FOR CLARITY  
NOTE 2: SCRAPE AND REPAINT EXISTING FIRE ESCAPES



**2 East Elevation**  
1/8" = 1'-0"

NOTE 1: FIRE ESCAPES NOT INDICATED FOR CLARITY  
NOTE 2: SCRAPE AND REPAINT EXISTING FIRE ESCAPES

**DPMC Restoration  
Upgrades to Exterior  
Building Envelope**

**Location**  
135 W Hanover St. Trenton,  
New Jersey

**Project Number**  
DPMC: A1310-00  
L&G: 19504

**Date**  
7/30/2019

**Architect**  
**LAMMEY + GIORGIO** Lammy + Giorgio  
Architecture + Design  
215 Highland Ave. Suite B  
Haddon Twp. NJ, 08108  
p.856.833.0010

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4	Final Design Submission 3	03/09/2020

**Sheet Title**  
West and East Elevations

**Sheet No.**  
**A201**  
Sheet 14 of 20  
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GENERAL CONSTRUCTION	4	3	REPOINTING MORTAR	2	1	0															
<p>1. NOTES, TYPICAL DETAILS, AND SCHEDULES APPLY TO ALL STRUCTURAL WORK UNLESS NOTED OTHERWISE. TYPICAL DETAILS ARE TO BE USED FOR ALL CONDITIONS WHERE THE DETAIL IS APPLICABLE, WHETHER OR NOT NOTED ON PLAN. TYPICAL DETAILS MAY BE SLIGHTLY ALTERED IF REQUIRED DUE TO PROJECT CONDITIONS, ONLY WHEN SUBMITTED AND THE ENGINEER'S APPROVAL IS OBTAINED PRIOR TO PERFORMING THE WORK.</p> <p>2. ALL DIMENSIONS AND ELEVATIONS SHOWN ON STRUCTURAL DRAWINGS, WITH THE EXCEPTION OF STRUCTURAL MEMBER SIZES, ARE GENERATED BY OTHER DISCIPLINES. ANY DIMENSIONS OR ELEVATIONS OMITTED OR NOT SHOWN ON THE STRUCTURAL DRAWINGS SHOULD BE OBTAINED FROM THE DRAWINGS OF THE OTHER DISCIPLINES. STRUCTURAL DRAWINGS ARE NOT "STAND-ALONE" DOCUMENTS AND SHOULD BE USED IN CONJUNCTION WITH, AND COORDINATED WITH THE SPECIFICATIONS, ARCHITECTURAL DRAWINGS AND ALL OTHER DISCIPLINE'S DRAWINGS. IF THERE IS A DISCREPANCY BETWEEN DRAWINGS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER AND ARCHITECT PRIOR TO PERFORMING THE WORK.</p> <p>3. IF DIFFERENCES OCCUR WITHIN OR BETWEEN DRAWINGS AND SPECIFICATIONS REGARDING MATERIALS, STRENGTHS OR QUANTITIES, THE BETTER MATERIAL, HIGHER STRENGTH, AND GREATER QUANTITY INDICATED, SPECIFIED OR NOTED SHALL BE PROVIDED.</p> <p>4. REPRODUCTIONS OF STRUCTURAL DRAWINGS FOR SUBMITTAL AS SHOP DRAWINGS IS PROHIBITED, UNLESS WRITTEN APPROVAL IS REQUESTED BY THE CONTRACTOR AND IT IS GRANTED BY O'DONNELL &amp; NACCARATO, INC.</p> <p>5. DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONAL INFORMATION.</p> <p>6. THESE DRAWINGS DO NOT DEFINE SCOPE OF CONTRACTOR OR SUBCONTRACTOR CONTRACTS.</p> <p>7. AT ALL TIMES, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONDITIONS OF THE JOBSITE INCLUDING MEANS AND METHODS OF CONSTRUCTION AND SAFETY OF PERSONS AND PROPERTY. THE ENGINEER'S PRESENCE OR REVIEW OF WORK AT THE JOBSITE IS FOR GENERAL COMPLIANCE WITH THE DESIGN INTENT ONLY AND IS NOT EVER TO BE CONSTRUED AS A REVIEW OF MEANS AND METHODS OF CONSTRUCTION AND SAFETY METHODS.</p> <p>8. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ALLOWABLE CONSTRUCTION LOADS AND FOR PROTECTING THE COMPLETED OR INCOMPLETED STRUCTURAL FRAMING FROM DAMAGE DUE TO TEMPORARY CONSTRUCTION LOADINGS.</p> <p>9. COSTS OF INVESTIGATION AND/OR REDESIGN DUE TO CONTRACTOR ERRORS WILL BE AT THE CONTRACTOR'S EXPENSE.</p> <p>10. ANY APPROVED CONTRACTOR REQUESTED CHANGES TO THESE DRAWINGS WILL BE DONE AT NO COST TO THE OWNER. APPROVAL OF CONTRACTOR REQUESTED CHANGES IN NO WAY STATES OR IMPLIES APPROVAL OF A CHANGE IN SCOPE OR CHANGE IN CONTRACT COST.</p> <p>11. IF THE EXISTING FIELD CONDITIONS DO NOT PERMIT THE INSTALLATION OF THE WORK IN ACCORDANCE WITH THE DETAILS SHOWN, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY. THE CONTRACTOR MUST PROVIDE A SKETCH OF THE CONDITION WITH HIS PROPOSED MODIFICATION OF THE DETAILS GIVEN ON THE CONTRACT DOCUMENTS. THIS SKETCH MUST BE SUBMITTED TO AND APPROVAL MUST BE GRANTED BY THE ENGINEER PRIOR TO PERFORMING THE WORK.</p> <p>12. SUBMIT SHOP DRAWINGS SUCH THAT BY THE TIME THEY ARE RECEIVED BY O'DONNELL &amp; NACCARATO, INC., THERE WILL BE AT LEAST 10 DAYS BEFORE REVIEWED SUBMITTALS WILL BE NEEDED. ANY REVIEW THAT IS REQUIRED MORE EXPEDITENTLY WILL BE AT THE CONTRACTOR'S EXPENSE. SHOP DRAWINGS SHALL BEAR THE CONTRACTOR'S STAMP OF APPROVAL CERTIFYING THAT HE HAS VERIFIED ALL FIELD MEASUREMENTS, CONSTRUCTION CRITERIA, MATERIALS AND SIMILAR DATA AND HAS CHECKED EACH DRAWING FOR COMPLETENESS, COORDINATION AND COMPLIANCE WITH THE CONTRACT DOCUMENTS. IF REVIEW OF AN INCOMPLETE SHOP DRAWING IS REQUIRED, THAT SHOP DRAWING SHALL BE CLEARLY MARKED AS INCOMPLETE. THE AREA THAT NEEDS TO BE REVIEWED SHALL BE CLEARLY NOTED WITH AN EXPLANATION FOR THE REASON FOR PARTIAL APPROVAL.</p> <p>13. IN NO CASE SHALL HEAVY EQUIPMENT BE PERMITTED CLOSER THAN 8'-0" FROM ANY FOUNDATION/BASEMENT WALL. IF THE CONTRACTOR DEEMS IT NECESSARY TO OPERATE SUCH EQUIPMENT CLOSER THEN 8'-0", THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE AND, AT HIS OWN EXPENSE, PROVIDE ADEQUATE SUPPORTS OR WALL BRACES TO WITHSTAND THE ADDITIONAL LOADS SUPERIMPOSED FROM SUCH EQUIPMENT.</p> <p>14. SIZE AND/OR LOCATION OF EXISTING STRUCTURES AND UTILITIES SHOWN ON THE STRUCTURAL DOCUMENTS ARE FOR THE CONTRACTOR'S CONVENIENCE ONLY. THE CONTRACTOR IS SOLELY RESPONSIBLE TO VERIFY BY FIELD MEASUREMENTS/INVESTIGATION THE SIZE AND/OR LOCATION OF ALL EXISTING STRUCTURES AND UTILITIES.</p>		<p>1. MORTAR TYPE N AND ITS CONSTITUENTS SHALL MEET THE REQUIREMENTS OF ASTM C1713 AND SHALL CONSIST OF 1 PART MASONRY BINDER, 2 1/2" MINIMUM TO 3 PARTS MAXIMUM SAND, AND 1 PART WATER.</p> <p>2. MORTAR SHALL HAVE A FC OF 750PSI AT 28 DAYS MINIMUM AND FCMAX OF 1500 PSI SUBJECT TO VERIFICATION BY TEST IN ACCORDANCE WITH ASTM C1713. CONSTITUENT PROPORTIONS MAY BE ADJUSTED BY UP TO 25% TO MEET THESE PROPERTY REQUIREMENTS, BUT ONLY WITH WRITTEN AUTHORIZATION BY THE ENGINEER.</p> <p>3. CLOSELY EXAMINE MORTAR JOINTS AND DETERMINE JOINTS THAT REQUIRE REPOINTING. ALL DEFECTIVE MORTAR JOINTS INCLUDING CRACKED, DETERIORATED, ERODED, AND MORTAR JOINTS WITH VOIDS SHALL BE REMOVED AND REPLACED.</p> <p>4. MORTAR JOINTS WITH A HIGHER COMPRESSIVE STRENGTH THAN THE ADJOINING MORTAR SHALL BE REMOVED AND REPLACED.</p> <p>5. EVALUATE THE METHOD OR MORTAR REMOVAL WITH REGARD TO THE STRUCTURAL INTEGRITY OF THE MASONRY. MORTAR SHOULD BE REMOVED WITH LITTLE OR NO DAMAGE TO ADJACENT MASONRY UNITS.</p> <p>6. EXISTING MORTAR SHALL BE REMOVED TO A DEPTH OF 3 TIMES THE WIDTH OF THE JOINT OR AS INDICATED. ALL UNSOUND MORTAR SHALL BE REMOVED. BRUSH, VACUUM, OR FLUSH JOINTS WITH WATER TO REMOVE ALL DELETERIOUS MATERIALS.</p> <p>7. SEALANTS OR OTHER INAPPROPRIATE MATERIALS USED IN JOINTS OF MASONRY SHALL BE REMOVED AND REPLACED WITH MORTAR.</p> <p>8. THE COLOR AND TEXTURE OF THE EXISTING MORTAR SHOULD BE EVALUATED BY VISUAL AND LABORATORY MEANS AND SELECTED BY THE OWNER. PROVIDE A MINIMUM 4'X4' TEST AREA OF REPLACEMENT MORTAR FOR REVIEW BY OWNER, ARCHITECT, AND THE ENGINEER.</p> <p>9. MOISTEN JOINTS WITH WATER PRIOR TO REPOINTING TO REDUCE WATER ABSORPTION FROM THE REPLACEMENT MORTAR BEFORE IT IS PROPERLY SET. NO STANDING WATER SHOULD BE VISIBLE IN THE JOINTS.</p> <p>10. MIX ONLY ENOUGH MORTAR TO BE USED WITH TWO HOURS OF FINAL MIXING. ADDING ADDITIONAL WATER, OR RETAMPING, IS ONLY PERMITTED DURING THE TWO-HOUR PERIOD.</p> <p>11. PLACE REPOINTING MORTAR INTO OPEN JOINTS IN THREE SUCCESSIVE LAYERS. JOINTS WITH SIGNIFICANT VOIDS SHOULD HAVE THE MORTAR PLACED INTO THE VOIDS TO PARTIALLY FILL THE JOINT AND BE ALLOWED TO SET. COMPACT EACH LAYER BY STRIKING WITH A COMPACTION TOOL PRIOR TO PLACEMENT OF THE NEXT LAYER.</p> <p>12. CLEAN ANY EXCESS MORTAR FROM THE FACE OF MASONRY WITH WATER OR THE LEAST AGGRESSIVE TECHNIQUE THAT WILL NOT HAVE ADVERSE EFFECTS ON THE SURFACES, SUBSTRATES, RELATED COMPONENTS, AND ADJACENT SURFACES. CLEANING SHALL ONLY BE PERFORMED AFTER THE MORTAR HAS REACHED INITIAL SET, BUT IS STILL CAPABLE OF BEING REMOVED.</p> <p>13. PROTECT THE WORK FROM WEATHER AND OTHER ACTIVITIES DURING AND AFTER THE WORK UNTIL THE MORTAR HAS CURED.</p>	<p><b>FLASHING REHABILITATION</b></p> <p>1. SHEET METAL FLASHING AND TRIM SHALL WITHSTAND WIND LOADS, STRUCTURAL MOVEMENT, THERMALLY INDUCED MOVEMENT, AND EXPOSURE TO WEATHER WITHOUT FAILURE DUE TO DEFECTIVE MANUFACTURE, FABRICATION, INSTALLATION, OR OTHER DEFECTS IN CONSTRUCTION.</p> <p>2. COMPLETED SHEET METAL FLASHING AND TRIM SHALL NOT RATTLE, LEAK, LOOSEN, AND SHALL REMAIN WATERTIGHT.</p> <p>3. SHEET METAL FLASHING AND TRIM SHALL COMPLY WITH NRCA'S "THE NRCA ROOFING MANUAL" AND SMACNA "ARCHITECTURAL SHEET METAL MANUAL" REQUIREMENTS FOR DIMENSIONS AND PROFILES UNLESS MORE STRINGENT REQUIREMENTS ARE INDICATED.</p> <p>4. PROVIDE SELF-ADHERED COMPOSITE WATERPROOFING MEMBRANE WITH A MINIMUM THICKNESS OF 40 MILLS.</p> <p>5. PROVIDE MATERIALS AND TYPES OF FASTENERS, SOLDER, PROTECTIVE COATINGS, SEALANTS, AND OTHER MISCELLANEOUS ITEMS AS REQUIRED FOR COMPLETE SHEET METAL FLASHING AND TRIM INSTALLATION.</p> <p>6. PROVIDE COPPER, HARDWARE BRONZE, OR PASSIVATED SERIES 300 STAINLESS STEEL FASTENERS FOR COPPER SHEETS.</p> <p>7. PROVIDE SOLDER IN ACCORDANCE WITH ASTM B32, GRADE SN60.</p> <p>8. PROVIDE REGLETS OF TYPE, MATERIAL, AND PROFILE REQUIRED TO PERFORM SECURE INTERLOCKING OF SEPARATE REGLET AND COUNTERFLASHING PIECES. REGLETS TO BE COMPATIBLE WITH FLASHING.</p> <p>9. OBTAIN FIELD MEASUREMENTS FOR ACCURATE FIT BEFORE FABRICATION. CUSTOM FABRICATE FLASHING AND TRIM IN SHOP TO GREATEST EXTENT POSSIBLE.</p> <p>10. FORM SHEET METAL FLASHING AND TRIM TO FIT SUBSTRATES WITHOUT BUCKLING, TRUE TO LINE, WITH ADEQUATE SLOPE, AND WITH EXPOSED EDGES FOLDED BACK TO FORM HEMS.</p> <p>11. REINFORCE AND SOLDER ALL CORNERS.</p> <p>12. FORM EXPANSION JOINTS WITH INTERMESHING HOOKED FLANGES NOT LESS THAN 1-1/2 INCHES WIDE AND FILL WITH BUTYL SEALANT. USE LAPPED EXPANSION JOINTS WHERE INDICATED AND DO NOT LEAVE ANY UPSLOPE EXPOSED LAP ENDS.</p> <p>13. FLASHING SHALL BE COMPOSED OF LONGEST POSSIBLE LENGTHS AND NOT EXCEEDING A MAXIMUM LENGTH OF 12'-0".</p> <p>14. INSTALL SELF-ADHERING SHEET MEMBRANE WRINKLE FREE. PRIME SUBSTRATE IN ACCORDANCE WITH MANUFACTURER.</p> <p>15. INSTALL SELF-ADHERING SHEET MEMBRANE IN ACCORDANCE WITH MANUFACTURER'S TEMPERATURE RESTRICTIONS.</p> <p>16. APPLY SHEET MEMBRANE IN SINGLE FASHION TO SHED WATER WITH ENDS OF LAPS NOT LESS THAN 6 INCHES AND STAGGERED 2'-0" BETWEEN COURSES. OVERLAP SIDE EDGES NOT LESS THAN 3-1/2 INCHES. ROLL ALL EDGES WITH ROLLER.</p> <p>17. COVER ALL SELF-ADHERING MEMBRANE IN ACCORDANCE WITH MANUFACTURER GUIDELINES.</p> <p>18. INSTALL CONTINUOUS HEAD, SILL, JAMB, AND SIMILAR FLASHINGS 4" MINIMUM BEYOND WALL OPENING.</p> <p>19. COORDINATE INSTALLATION OF COUNTERFLASHING WITH INSTALLATION OF BASE FLASHING. INSTALL COUNTERFLASHING IN REGLETS OR RECEIVERS AND FIT TIGHTLY TO BASE FLASHING. LAP COUNTERFLASHING JOINTS A MINIMUM OF 4" AND EXTEND 4" MIN OVER BASE FLASHING.</p> <p>20. PRIOR TO INSTALLING FLASHING, REVIEW EXISTING CONDITIONS WITH ARCHITECT/ENGINEER. PROVIDE A MINIMUM OF 72 HOURS NOTICE TO SCHEDULE OBSERVATION BY ENGINEER SHOULD CONDITIONS VARY FROM THAT INDICATED.</p> <p>21. PRIOR TO INSTALLING EXTERIOR FINISHES, NOTIFY ENGINEER TO PERFORM OBSERVATIONS OF INSTALLED WATERPROOFING. DO NOT PROCEED WITH INSTALLING EXTERIOR FINISHES WITHOUT ACCEPTANCE OF ENGINEER.</p>	<p><b>LIMESTONE REHABILITATION</b></p> <p>1. PREPARE AND SUBMIT FOR APPROVAL COMPLETE CUTTING AND SETTING DRAWINGS FOR ALL OF THE LIMESTONE WORK. SUBMITTED DRAWINGS SHALL SHOW IN DETAIL THE SIZES, SECTIONS, DIMENSIONS OF THE STONE, ARRANGEMENT OF JOINTS, BONDING, ANCHORING AND OTHER NECESSARY DETAILS. IF THE CONTRACT DRAWINGS DO NOT SHOW THE INTENT OF JOINING, IT IS THE FABRICATOR'S RESPONSIBILITY TO ESTABLISH THE JOINING IN ACCORDANCE WITH INDUSTRY STANDARDS AND PRACTICES.</p> <p>2. VERIFY AND FURNISH ALL FIELD DIMENSIONS NECESSARY FOR AND PRIOR TO FABRICATION.</p> <p>3. ALL CARVING SHALL BE DONE BY SKILLED CARVERS IN AN ARTISTIC MANNER AND IN STRICT ACCORDANCE WITH THE APPROVED DRAWINGS OR FROM MODELS FURNISHED OR APPROVED BY THE ARCHITECT/ENGINEER.</p> <p>4. CUT STONE ACCURATELY TO SHAPE AND DIMENSIONS AND FULL TO THE SQUARE, WITH JOINTING AS SHOWN ON APPROVED DRAWINGS. ALL EXPOSED FACES SHALL BE DRESSED TRUE. BEDS AND JOINTS SHALL BE AT 90 DEGREE ANGLES TO THE FACE AND JOINTS SHALL HAVE A UNIFORM THICKNESS OF 3/8" U.N.O. REGLETS FOR FLASHING, ETC., SHALL BE CUT IN THE STONE WHERE INDICATED. MOLDED WORK SHALL BE CAREFULLY EXECUTED FROM FULL SIZE SUPPLIED DETAILS, AND MUST MATCH SATISFACTORILY AT JOINTS. ALL EXPOSED ARRISSES SHALL BE IN TRUE ALIGNMENT AND SLIGHTLY EASED TO PREVENT SNIPPING.</p>	<p>5. HOLES, NOTCHES, AND SINKAGES SHALL BE CUT IN STONES FOR ALL ANCHORS, CRAMPS, DOWELS AND OTHER TIE-BACK AND SUPPORT DEVICES PER INDUSTRY STANDARD PRACTICE AND APPROVED SHOP DRAWINGS. NO HOLES OR SINKAGES WILL BE PROVIDED FOR HANDLING DEVICES U.N.O.</p> <p>6. PROVIDE ANCHORS AND ATTACHMENTS OF TYPE AND SIZE REQUIRED TO SUPPORT THE STONEMORK FABRICATED FROM THE STAINLESS STEEL, AISI TYPE 304 OR 316, FOR ANCHORS AND BOLTS EMBEDDED IN THE STONE.</p> <p>7. SETTING MORTAR SHALL BE IN CONFORMANCE WITH ASTM C270 TYPE N, U.N.O.</p> <p>8. CLEAN ALL STONES THOROUGHLY BEFORE SETTING IN THE WALL. CLEAN USING FIBER BRUSH AND SOAP POWDER FOLLOWED BY A THOROUGH DRENCHING WITH CLEAR WATER.</p> <p>9. THOROUGHLY WET ALL STONE JOINT SURFACES WITH CLEAR WATER PRIOR TO SETTING.</p> <p>10. STONES SHALL BE SET IN FULL BEDS OF MORTAR WITH ALL VERTICAL JOINTS SLUSHED FULL. COMPLETELY FILL ALL ANCHOR, DOWEL, AND SIMILAR HOLES. ALL BED AND JOINT WIDTHS SHALL BE 3/8", U.N.O.</p> <p>11. PLASTIC SETTING PADS SHALL BE PLACED UNDER HEAVY STONES, COLUMN DRUMS, ETC. IN SAME THICKNESS AS JOINT, AND IN SUFFICIENT QUANTITY TO AVOID SQUEEZING MORTAR OUT. HEAVY STONES OR PROJECTING COURSES SHALL NOT BE SET UNTIL MORTAR IN COURSES BELOW HAS HARDENED SUFFICIENTLY TO AVOID SQUEEZING.</p> <p>12. DURING COLD WEATHER, INTERNATIONAL MASONRY INDUSTRY ALL-WEATHER COUNCIL RECOMMENDATIONS FOR SETTING FROM 40 DEG TO 20 DEG F SHALL BE FOLLOWED. ALL WORK BELOW 20 DEG F SHALL BE PERFORMED IN HEATED ENCLOSURES. NO ADDITIVES SHALL BE USED IN THE SETTING MORTAR.</p> <p>13. PLASTIC OR OTHER WEEPHOLES SHALL BE PLACED IN JOINTS WHERE MOISTURE MAY ACCUMULATE WITHIN THE WALL. THESE LOCATIONS INCLUDE, BUT ARE NOT LIMITED TO, THE BASE OF CAVITY, AT CONTINUOUS ANGLES, AT FLASHING LOCATIONS, OR AS SHOWN.</p> <p>14. RECEIPT, STORAGE, AND PROTECTION OF STONEMORK PRIOR TO, DURING, AND SUBSEQUENT TO INSTALLATION SHALL BE MAINTAINED.</p> <p>15. COVER THE TOPS OF WALLS OVERNIGHT, ESPECIALLY DURING ANY PRECIPITATION OR INCLEMENT WEATHER.</p> <p>16. STONES SHALL BE PROTECTED UNDER WOOD COVERING. NON-STAINING BUILDING PAPER OR MEMBRANES SHALL BE USED UNDER THE WOOD. MAINTAIN COVERING UNTIL REMOVED TO PERMIT FINAL CLEANING OF STONEMORK.</p> <p>LIMESTONE SHALL BE WASHED WITH FIBER BRUSHES, MILD SOAP POWDER OR DETERGENT, AND CLEAN WATER. SPECIAL CONSIDERATION AND PROTECTIVE MEASURES SHALL BE IMPLEMENTED WHEN CLEANING ABOVE THE LIMESTONE.</p> <p><b>TERRA COTTA REHABILITATION</b></p> <p>1. PROVIDE TERRA COTTA UNITS TO MATCH EXISTING TERRA COTTA UNITS IN BODY COMPOSITION, PHYSICAL PROPERTIES, COLOR, GLOSS, SURFACE TEXTURE, THICKNESS, PROFILE, DIMENSIONS, AND COMPOSITION OF SURFACE GLAZE.</p> <p>2. PROVIDE TERRA COTTA UNITS MANUFACTURED BY BOSTON VALLEY TERRA COTTA OR GLADDING, MCBEAN.</p> <p>3. TERRA COTTA REPLACEMENT UNITS SHALL BE TESTED IN ACCORDANCE WITH ASTM C67 AND HAVE THE FOLLOWING PROPERTIES:</p> <p>COMPRESSIVE STRENGTH: 8000 PSI. 24-HOUR COLD-WATER SUBMERSION ABSORPTION: 7.9%. 5-HOUR BOIL ABSORPTION: 11.9%. SATURATION COEFFICIENT: 0.69.</p> <p>4. ALTERNATIVE TERRA COTTA REPLACEMENT UNITS SHALL BE MANUFACTURED BY MICROCOTTA: FREEDOM CEMENT, LLC. ALTERNATIVE TERRA COTTA REPLACEMENT UNITS SHALL BE TESTED AND HAVE THE FOLLOWING PROPERTIES:</p> <p>WATER ABSORPTION: 0.1 % PER ASTM D570 COMPRESSIVE STRENGTH: 4000 PSI PER ASTM D695 COEFFICIENT OF LINEAR EXPANSION: 0.000030 INCH PER INCH PER DEGREE F PER ASTM D696 IZOD IMPACT STRENGTH: 0.60 FT-LBF PER SQUARE INCH PER ASTM D256</p> <p>5. MANUFACTURER ALL PIECES FOR PARTICULAR INSTALLATION CONDITIONS TO MINIMIZE CUTTING IN THE FIELD. ADJUST INDIVIDUAL PIECES TO ACCOMMODATE SETTING SEQUENCE.</p> <p>6. THE FACE DIMENSIONS (LENGTH AND WIDTH) SHALL NOT VARY MORE THAN 1/16" PLUS OR MINUS THE DIMENSIONS SPECIFIED ON THE SETTING DRAWINGS. FACE DIMENSION TOLERANCES FOR UNCUT/NET UNITS SHALL NOT VARY MORE THAN 1/8" INCH PLUS OR MINUS PER LINEAL FOOT.</p> <p>7. WARPAGE TOLERANCES FOR HANDMADE UNITS: THE EXPOSED FACE SHALL NOT VARY FROM A TRUE PLANE MORE THAN THE EXISTING ORIGINAL TERRA COTTA UNITS. WARPAGE TOLERANCES FOR MACHINE-EXTRUDED UNITS: THE EXPOSED FACE SHALL NOT VARY FROM A TRUE PLANE BY MORE THAN 0.0005 INCH PER INCH OF LENGTH.</p> <p>8. FINISHED FACED THAT WILL BE EXPOSED WHEN INSTALLED SHALL BE FREE FROM CHIPS, BLISTERS OR OTHER IMPERFECTIONS DETRACTING FROM THE APPEARANCE OF THE FINISHED WALL WHEN VIEWED FROM A DISTANCE OF NO LESS THAN 15 FEET.</p> <p>9. ADJUST TERRA COTTA TO ACCOMMODATE RELIEVING ANGLES, VENTS, WEEPS, EXPANSION JOINTS, ETC.</p> <p>10. PROVIDE ACCOMMODATIONS FOR EXPANSION JOINTS, AT SHELF SUPPORTS, OVER COLUMN CASES, ETC., TO PREVENT THE DEVELOPMENT OF DISRUPTIVE STRESSES CAUSED BY DEFLECTION, WIND PRESSURE, TEMPERATURE CHANGES, SETTLEMENT AND EXTERNAL FORCES.</p>	<p><b>EXISTING CONDITIONS/DEMOLITION</b></p> <p>1. SHORING, BRACING, PROTECTION, AND UNDERPINNING OF EXISTING AND ADJACENT STRUCTURES DURING CONSTRUCTION, INCLUDING ALL DESIGN RESPONSIBILITIES, IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. PROVIDE SIGNED AND SEALED CALCULATIONS AND DRAWINGS TO OWNER. PROTECT AND MAINTAIN THE INTEGRITY OF EXISTING AND ADJACENT STRUCTURES, BUILDINGS AND STREETS.</p> <p>2. ALL EXISTING DIMENSIONS, ELEVATIONS, AND LOCATIONS OF EXISTING STRUCTURES, OR RELATIVE TO EXISTING STRUCTURES, THAT ARE SHOWN ON THE STRUCTURAL DOCUMENTS WILL BE VERIFIED BY FIELD MEASUREMENTS PERFORMED BY THE CONTRACTOR. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT AND ENGINEER.</p> <p>3. THE STRUCTURAL DOCUMENTS HAVE BEEN PREPARED BASED ON AVAILABLE KNOWLEDGE OF EXISTING CONDITIONS. IF, DURING DEMOLITION, EXCAVATION OR CONSTRUCTION, ACTUAL CONDITIONS ARE DISCOVERED TO DIFFER FROM THOSE INDICATED ON THE DOCUMENTS, THE ARCHITECT AND ENGINEER SHALL BE NOTIFIED.</p> <p>4. SELECTIVELY DEMOLISH STRUCTURAL COMPONENTS AS REQUIRED TO CONSTRUCT NEW WORK. PRIOR TO ANY DEMOLITION WORK, AN ENGINEERING SURVEY REPORT OF THE STRUCTURE SHALL BE PREPARED BY THE CONTRACTOR TO DOCUMENT THE CONDITION OF THE FRAMING, FLOORS, AND WALLS. ANY ADJACENT STRUCTURE WHERE OCCUPANTS MAY BE EXPOSED SHALL BE SIMILARLY REVIEWED.</p> <p>5. CONTRACTOR SHALL RETAIN INDIVIDUAL TO PERFORM SITE SAFETY DEMOLITION PLAN, ENGINEERING STUDY, AND ALL OTHER SERVICES RELATED TO DEMOLITION IN ACCORDANCE WITH LOCAL JURISDICTION REQUIREMENTS.</p>															
<p><b>STEEL</b></p> <p>1. ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERRECTED IN ACCORDANCE WITH THE LATEST AISC CODE. ALL CONNECTIONS, INCLUDING AT HSS SECTIONS, SHALL BE DESIGNED AND DETAILED IN ACCORDANCE WITH THE LATEST AISC CODE. UNLESS INDICATED OTHERWISE ON CONTRACT DOCUMENTS, IN ADDITION TO THE SHEAR CONNECTION, INCLUDE AS A MINIMUM, 4x4x3/8 ANGLES TOP AND BOTTOM OR ENDPLATE AT ALL HSS BEAMS/GIRDERS TO COLUMN CONNECTIONS. ALL WIDE FLANGE SHAPES SHALL BE ASTM A992.</p> <p>A. ALL OTHER STRUCTURAL STEEL SHALL BE ASTM A36 UNLESS NOTED OTHERWISE.</p> <p>2. ALL STEEL WELDING RODS SHALL BE E70XX.</p> <p>3. SUBMIT ALL STEEL SHOP DRAWINGS FOR REVIEW PRIOR TO ANY FABRICATION. SHOP DRAWINGS SHALL SHOW COMPLETE BOLTING AND WELDING INFORMATION, BOTH SHOP AND FIELD. ALL WELDING INFORMATION SHALL USE AMERICAN WELDING SOCIETY SYMBOLS. SHOP OR FIELD SPlicing OF ANY STRUCTURAL STEEL SECTION WHERE NOT DETAILED ON THE CONTRACT DOCUMENTS IS STRICTLY PROHIBITED WITHOUT PRIOR WRITTEN APPROVAL BY THE STRUCTURAL ENGINEER OF RECORD.</p> <p>4. ALL LINTELS AND SHELF ANGLES WITHIN EXTERIOR WALLS SHALL BE HOT DIP GALVANIZED.</p> <p>A. ANY POINTS OF WELDING SHALL BE TOUCHED UP IN THE FIELD WITH A ZINC-RICH PAINT BY THE STEEL ERECTOR.</p> <p>5. ALL EXPOSED STEEL (INCLUDING BUT NOT LIMITED TO DUNNAGE FRAMING, SCREEN WALL FRAMING, CANOPY FRAMING, ETC.) SHALL BE HOT DIP GALVANIZED.</p> <p>A. ANY POINTS OF WELDING SHALL BE TOUCHED UP IN THE FIELD WITH A ZINC-RICH PAINT BY THE STEEL ERECTOR.</p> <p>6. ALL POST-INSTALLED EXPANSION ANCHORS FASTENED INTO CONCRETE SHALL BE HILTI KWIK BOLT TZ WITH MATERIAL TYPE, DIAMETER, AND EMBEDMENT PER DOCUMENTS, UNLESS NOTED OTHERWISE. ALL POST-INSTALLED ADHESIVE ANCHORS FASTENED INTO CONCRETE AND REINFORCING BAR DOWELING INTO CONCRETE SHALL USE HILTI HIT-RE 500V3 EPOXY ADHESIVE ANCHORING SYSTEM IN HAMMER-DRILLED HOLES WITH ROD TYPE, DIAMETER, EMBEDMENT AND SPACING/EDGE DISTANCE PER DOCUMENTS, UNLESS NOTED OTHERWISE.</p> <p>7.</p> <p><b>MASONRY</b></p> <p>1. MASONRY UNITS SHALL BE TYPE N-1 MEDIUM WEIGHT ASTM C90 HOLLOW ABOVE GRADE WITH MINIMUM COMPRESSIVE STRENGTH OF 1900 PSI</p> <p>2. ALL MORTAR SHALL BE ASTM C270 TYPE S WITH A MINIMUM COMPRESSIVE STRENGTH OF 1800 PSI AT 28 DAYS.</p> <p>3. GROUT SHALL BE A HIGH SLUMP MIX IN ACCORDANCE WITH ASTM SPECIFICATION C476.</p> <p>A. LAID UP MASONRY DESIGN F'M IS 1500 PSI FOR STANDARD CONCRETE MASONRY.</p> <p>5. ALL CONCRETE MASONRY SHALL BE CONSTRUCTED AND ERRECTED IN ACCORDANCE WITH THE LATEST ACI MASONRY CODE (ACI 530/ASCE 5/TMS 402) AND SPECIFICATIONS (ACI 530.1/ASCE 6/TMS 602) AND INSPECTED BY A QUALIFIED ENGINEER.</p> <p>6. ALL BRICK MASONRY UNITS SHALL BE GRADE SK IN ACCORDANCE WITH ASTM C216 WITH A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AND BONDED TOGETHER WITH TYPE N MORTAR.</p> <p>7. PROVIDE HOT-DIPPED GALVANIZED TRUSS TYPE OR LADDER TYPE HORIZONTAL JOINT REINFORCEMENT, MINIMUM 9 GA, AT 16 INCHES ON CENTER VERTICAL IN ALL.</p> <p>8. MASONRY WALLS. SPACE HORIZONTAL JOINT REINFORCEMENT AT 8 INCHES ON CENTER IN ALL PARAPETS. USE SHOP FABRICATED SPECIAL PIECES AT ALL CORNERS AND TEES.</p> <p>9. AS A MINIMUM, ALL CORES CONTAINING VERTICAL REINFORCING ARE TO BE GROUTED SOLID.</p>						<p><b>Location</b> 135 W Hanover St. Trenton, New Jersey</p> <p><b>Project Number</b> DPMC: A1310-00</p> <p>L&amp;G: 19504</p> <p><b>Date</b> 7/30/2019</p> <p><b>Architect</b> Lammy + Giorgio Architecture + Design 215 Highland Ave, Suite B Haddon Twp, NJ, 08108 p.856.633.0010</p> <p>William Lammy - AIA - NJ C6793 Anthony Giorgio - AIA - NJ 07626</p> <table border="1"> <thead> <tr> <th>#</th> <th>Issue/Revision</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Design Development Submission</td> <td>09/06/2019</td> </tr> <tr> <td>2</td> <td>Final Design Submission</td> <td>11/26/2019</td> </tr> <tr> <td>3</td> <td>Final Design Submission 2</td> <td>02/24/2020</td> </tr> <tr> <td>4</td> <td>Final Design Submission 3</td> <td>03/09/2020</td> </tr> </tbody> </table> <p><b>Sheet Title</b> GENERAL NOTES</p> <p><b>Sheet No.</b> <b>S-0.0</b></p> <p>©Lammy + Giorgio 2018</p>	#	Issue/Revision	Date	1	Design Development Submission	09/06/2019	2	Final Design Submission	11/26/2019	3	Final Design Submission 2	02/24/2020	4	Final Design Submission 3	03/09/2020
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## DPMC Restoration Upgrades to Exterior Building Envelope

**Location**  
135 W Hanover St. Trenton,  
New Jersey

**Project Number**  
DPMC: A1310-00

L&G: 19504

**Date**  
7/30/2019

**Architect**  
Lammy + Giorgio  
Architecture + Design  
215 Highland Ave, Suite B  
Haddon Twp, NJ, 08108  
p.856.633.0010

William Lammy - AIA - NJ C6793  
Anthony Giorgio - AIA - NJ 07626

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**Sheet Title**  
GENERAL NOTES

**Sheet No.**  
**S-0.0**

TYPICAL ABBREVIATIONS			
A.B.	ANCHOR BOLT	L.P.	LOW POINT
A.F.F.	ABOVE FINISH FLOOR	L.W.	LIGHT WEIGHT
ADDL.	ADDITIONAL	LLH	LONG LEG HORIZONTAL
ALT.	ALTERNATE	LLV	LONG LEG VERTICAL
ARCH.	ARCHITECT	LWB	LONG WAY BOTTOM
B.C.E.	BOTTOM CHORD EXTENSION	M.E.P.	MECHANICAL ELECTRICAL PLUMBING
B.O.	BOTTOM OF	M.S.T.	METAL STUD TRUSS
BLDG.	BUILDING	MAX.	MAXIMUM
BM.	BEAM	MECH.	MECHANICAL
BOTT.	BOTTOM	MEZZ.	MEZZANINE
BRG.	BEARING	MFR.	MANUFACTURER
BSMT.	BASEMENT	MIN.	MINIMUM
BP.	BEARING PLATE	MISC.	MISCELLANEOUS
BTWN.	BETWEEN	MP.	MASONRY PIER
CL	CENTERLINE	NBL	NON BEARING LINTEL
CANT.	CANTILEVER	N.T.S.	NOT TO SCALE
CMU	CONCRETE MASONRY UNIT	N.W.	NORMAL WEIGHT
COL.	COLUMN	o/c	ON CENTER
CONC.	CONCRETE	P.A.F.	POWDER ACTUATED FASTENER
CONN.	CONNECTION	P	PLATE
CONT.	CONTINUOUS	PC	PILE CAP
CTRD.	CENTERED	P/C	PRECAST
Ø	DIAMETER	PSF	POUNDS PER SQUARE FOOT
DWG.	DRAWING	PSI	POUNDS PER SQUARE INCH
E.F.	EACH FACE	PTN.	PARTITION
E.O.D.	EDGE OF DECK	R.E.	RIGHT END
E.O.S.	EDGE OF SLAB	REINF.	REINFORCEMENT
E.W.	EACH WAY	REQ'D.	REQUIRED
EA.	EACH	RET'G.	RETAINING
EL.	ELEVATION	S.F.	STEP FOOTING
ELEV.	ELEVATOR	S.O.G.	SLAB ON GRADE
EMBED.	EMBEDMENT	SCHED.	SCHEDULE
EQ.	EQUAL	SECT.	SECTION
EQUIP.	EQUIPMENT	SIM.	SIMILAR
EWB	EACH WAY BOTTOM	SL	SLOPE
EWT	EACH WAY TOP	SPECS.	SPECIFICATIONS
Ex.	EXISTING	STIFF.	STIFFENER
EXIST.	EXISTING	STRUCT.	STRUCTURAL
EXP.	EXPANSION	SWB	SHORT WAY BOTTOM
EXT.	EXTERIOR	T#B	TOP AND BOTTOM
FDN.	FOUNDATION	T.	TOP
FIN.	FINISH	T.O.	TOP OF
FLR.	FLOOR	T.O.C.	TOP OF CONCRETE
FT.	FEET	T.O.S.	TOP OF STEEL
FTG.	FOOTING	T.S.	THICKENED SLAB
GA.	GAGE	TCELE	TOP CHORD EXTENSION LEFT END
GALV.	GALVANIZED	TCERE	TOP CHORD EXTENSION RIGHT END
GB.	GRADE BEAM	TDS	TURN DOWN SLAB
H.P.	HIGH POINT	THK.	THICK OR THICKENED
HORIZ.	HORIZONTAL	TYP.	TYPICAL
I.F.	INSIDE FACE	U.N.O.	UNLESS NOTED OTHERWISE
IN.	INCHES	V.I.F.	VERIFY IN FIELD
INFO.	INFORMATION	VERT.	VERTICAL
INT.	INTERIOR	W.R.T.	WOOD ROOF TRUSS
JT.	JOINT	w/	WITH
k	KIP	WC	WET COLUMN
k-ft	KIP-FEET	WP	WALL PLATE
L.E.	LEFT END	WWR	WELDED WIRE REINFORCEMENT

**DPMC Restoration  
Upgrades to Exterior  
Building Envelope**

**Location**  
135 W Hanover St. Trenton,  
New Jersey

**Project Number**

DPMC: A1310-00

L&G: 19504

**Date**

7/30/2019

**Architect**

**LAMMEY + GIORGIO**  
Lammy + Giorgio  
Architecture + Design  
215 Highland Ave. Suite B  
Haddon Twp. NJ, 08108  
p.856.833.0010

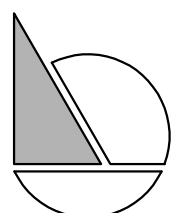
William Lammy - AIA - NJ C6793  
Anthony Giorgio - AIA - NJ 07626

#	Issue/Revision	Date
1	Design Development Submission	09/08/2019
2	FINAL DESIGN SUBMISSION	11/26/2019
3	FINAL DESIGN SUBMISSION 2	02/24/2020
4	FINAL DESIGN SUBMISSION 3	03/09/2020

**Sheet Title**  
ABBREVIATIONS

**Sheet No.**

**S-0.1**

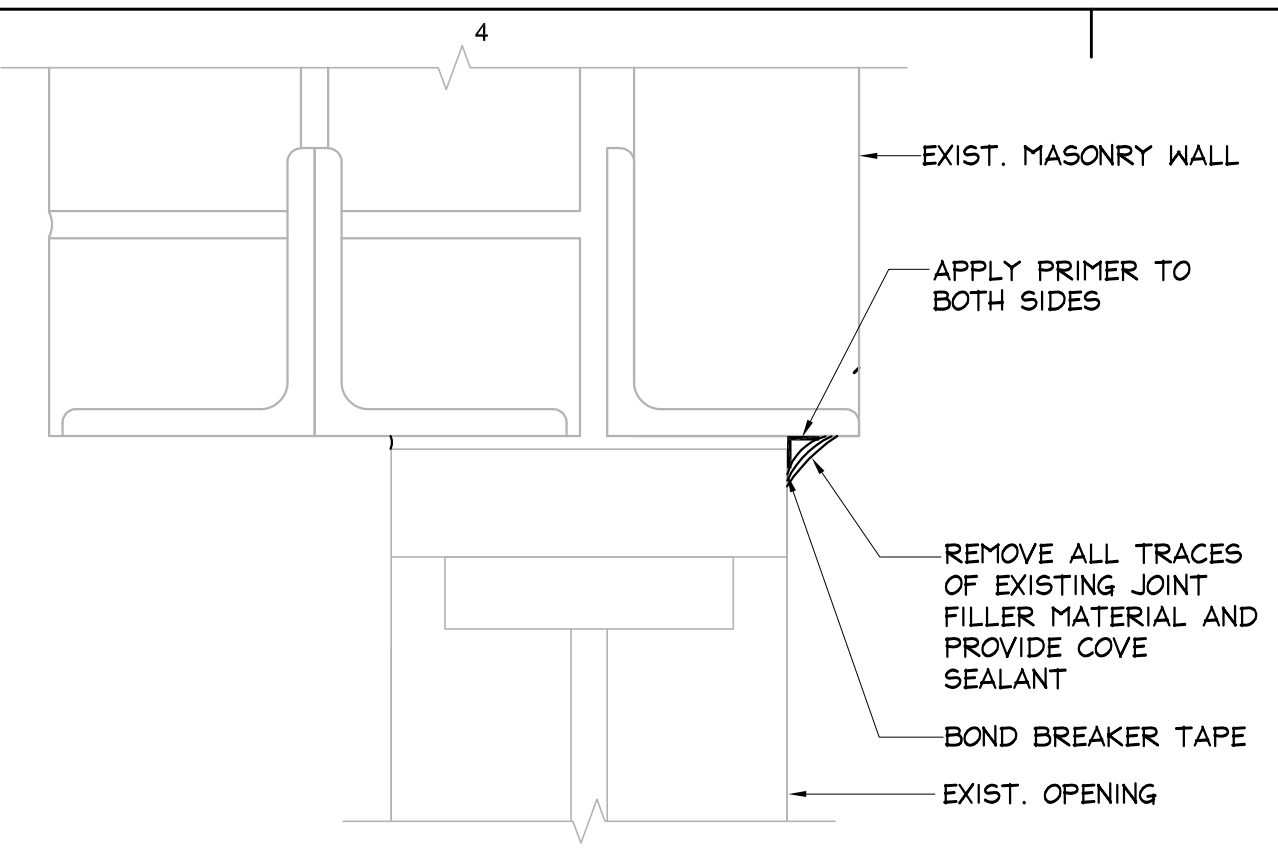


**O'DONNELL & NACCARATO**  
STRUCTURAL ENGINEERS  
701 MARKET STREET  
SUITE 6000  
PHILADELPHIA, PENNSYLVANIA 19106-2524  
TELEPHONE: (215) 925-3788  
Project No. 0232.0345.00



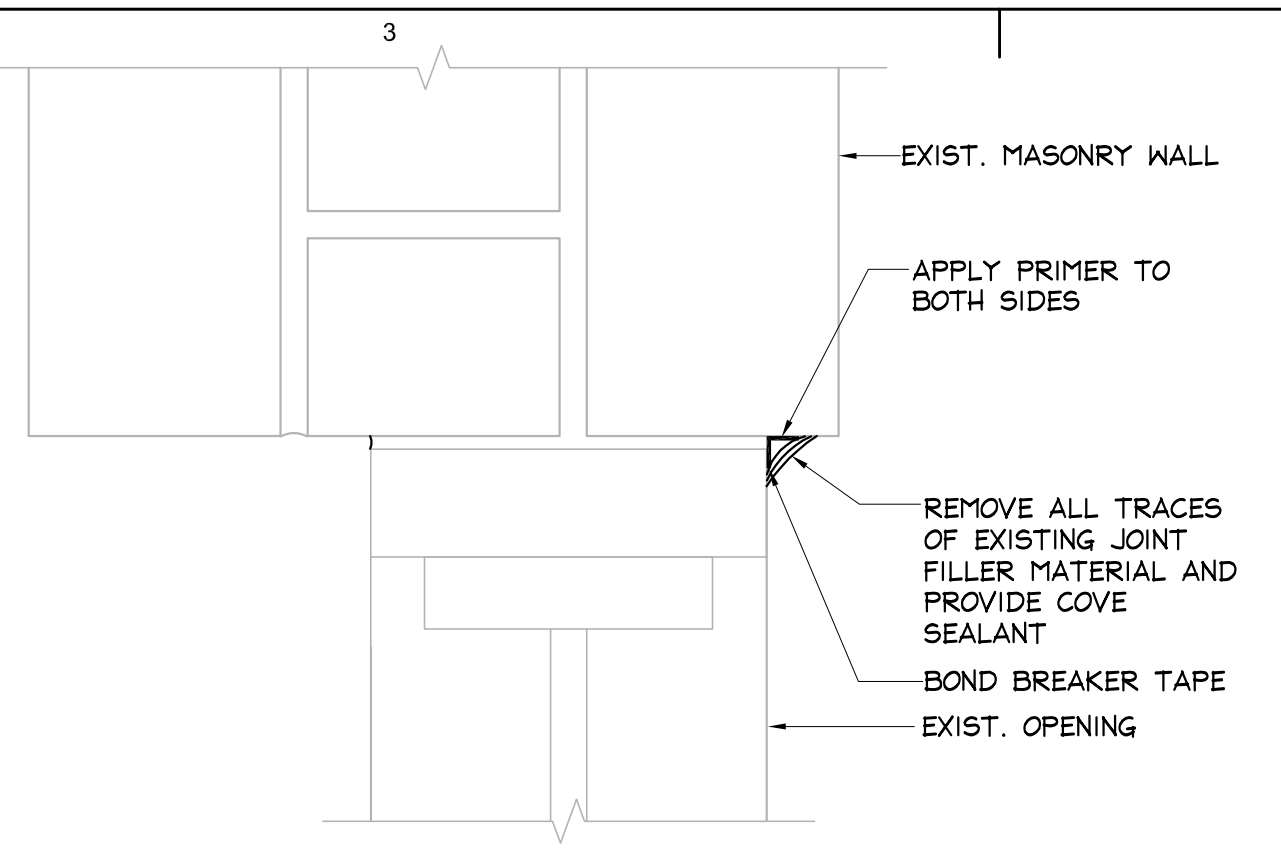






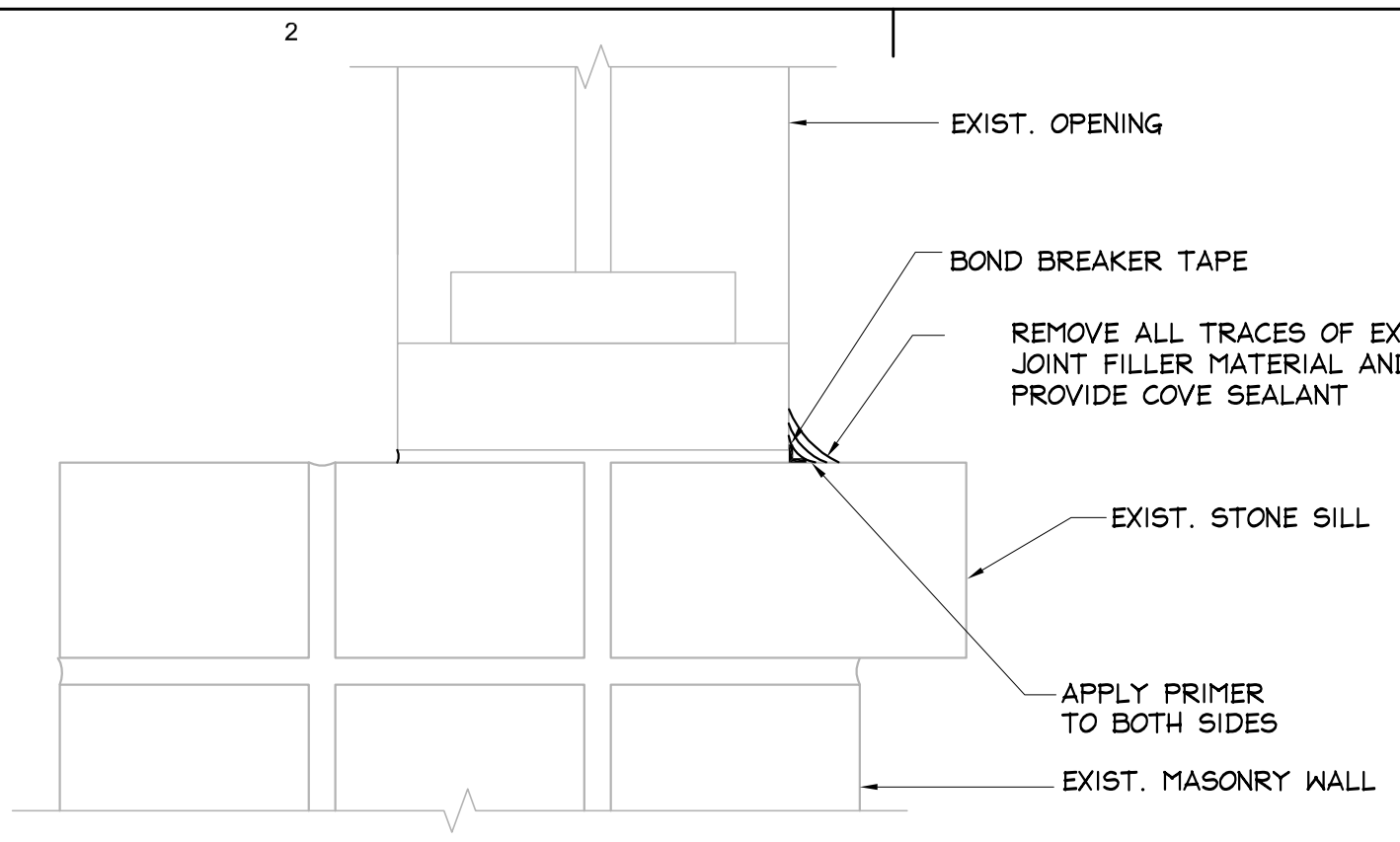
SECTION VIEW

A - TYPICAL SEALANT AT HEAD OF OPENING



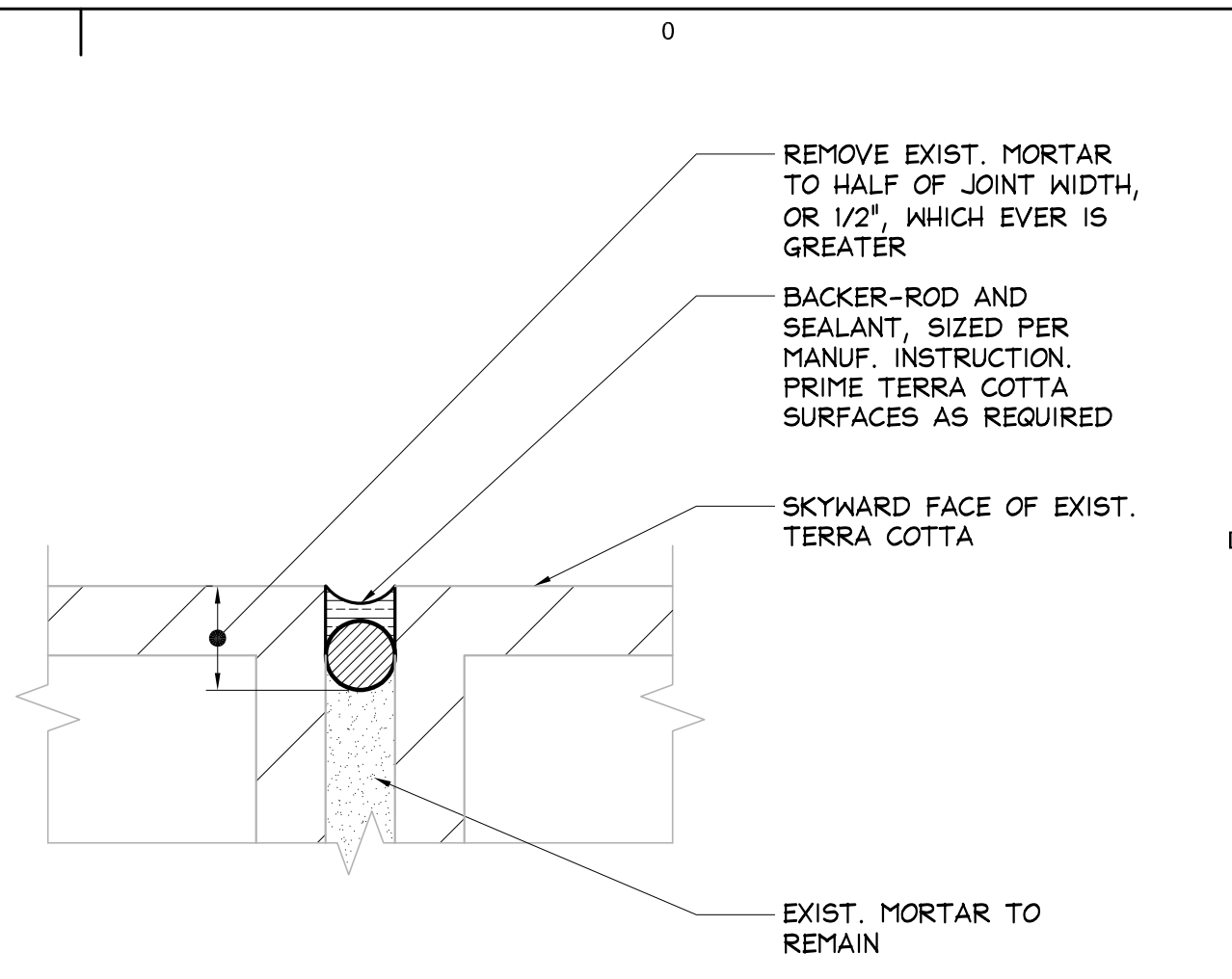
PLAN VIEW

B - TYPICAL SEALANT AT SIDE OF OPENING



SECTION VIEW

C - TYPICAL SEALANT AT BOTTOM OF OPENING



REMOVE AND REPLACE SEALANT (REPAIR ITEM 1.0, TYPE B)

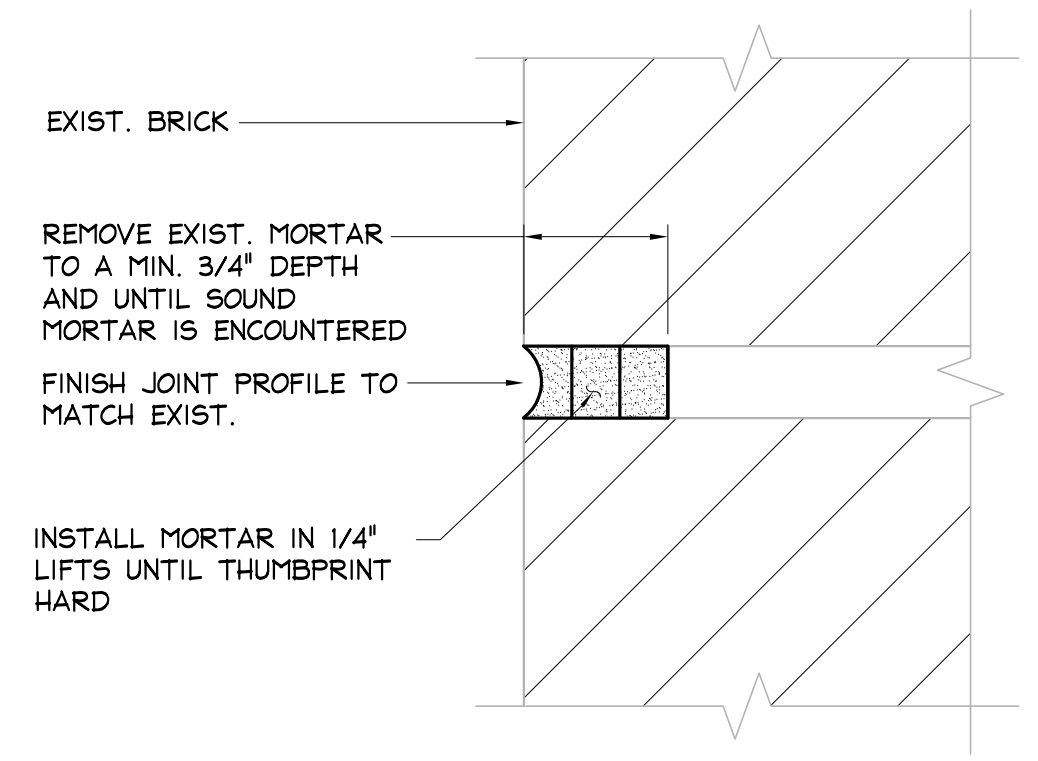
SCALE: N.T.S

- NOTES:
- 1) ALL ITEMS INDICATED TO BE INCLUDED IN REPAIR ITEM 1.0, TYPE B U.N.O.
  - 2) EXTREME CARE MUST BE TAKEN DURING CUT OUT TO NOT DAMAGE THE FACE OF THE EXISTING TERRA COTTA; ANY TERRA COTTA DAMAGED DURING CUTOUT WILL BE REPLACED OR REPAIRED AT THE CONTRACTOR'S EXPENSE.
  - 3) SEALANT TO EXTEND ACROSS TOP OF SKYWARD FACING JOINT AND DOWN OUTSIDE VERTICAL FACES OF JOINT.

REMOVE AND REPLACE SEALANT (REPAIR ITEM 1.0, TYPE A)

SCALE: N.T.S

- NOTES:
- 1) ALL ITEMS INDICATED TO BE INCLUDED IN REPAIR ITEM 1.0, TYPE A, U.N.O.

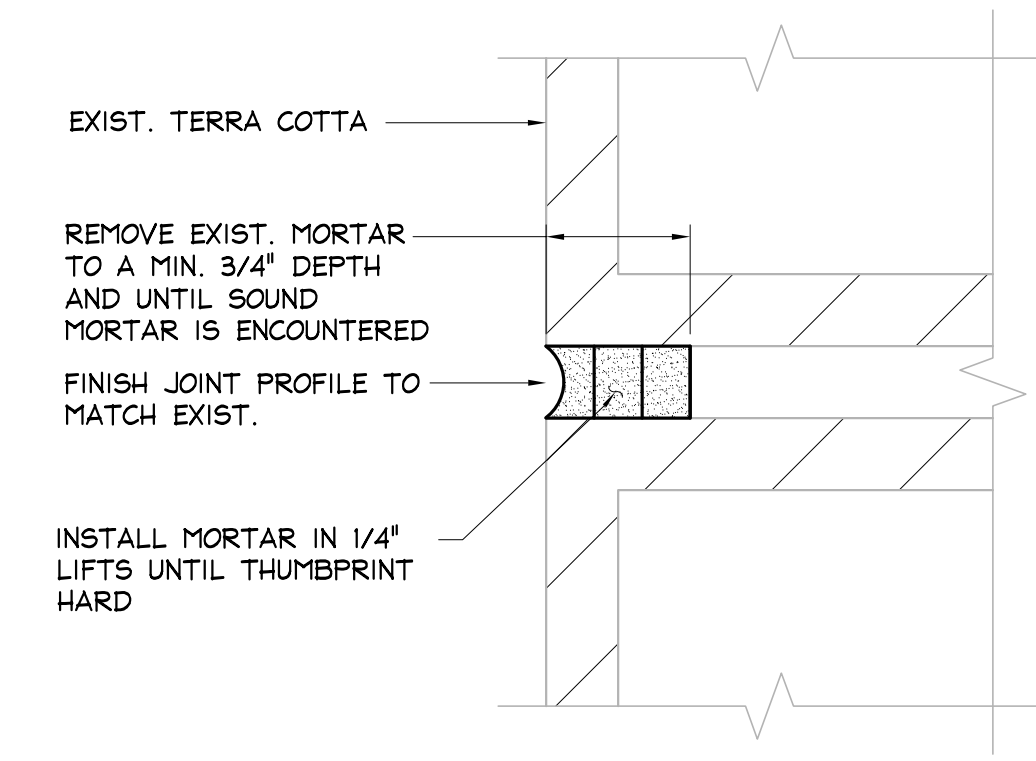


REMOVE AND REPLACE MORTAR JOINTS (REPAIR ITEM 2.0, TYPE A)

SCALE: N.T.S

- NOTES:
- 1) ALL ITEMS INDICATED TO BE INCLUDED IN REPAIR ITEM 2.0, TYPE A, U.N.O.

**CONTRACTOR NOTE:**  
EXTREME CARE MUST BE TAKEN DURING MORTAR REMOVAL TO NOT DAMAGE THE FACE OF THE EXISTING BRICK. ANY BRICK DAMAGED DURING MORTAR REMOVAL SHALL BE REPLACED OR REPAIRED AT THE CONTRACTOR'S EXPENSE.

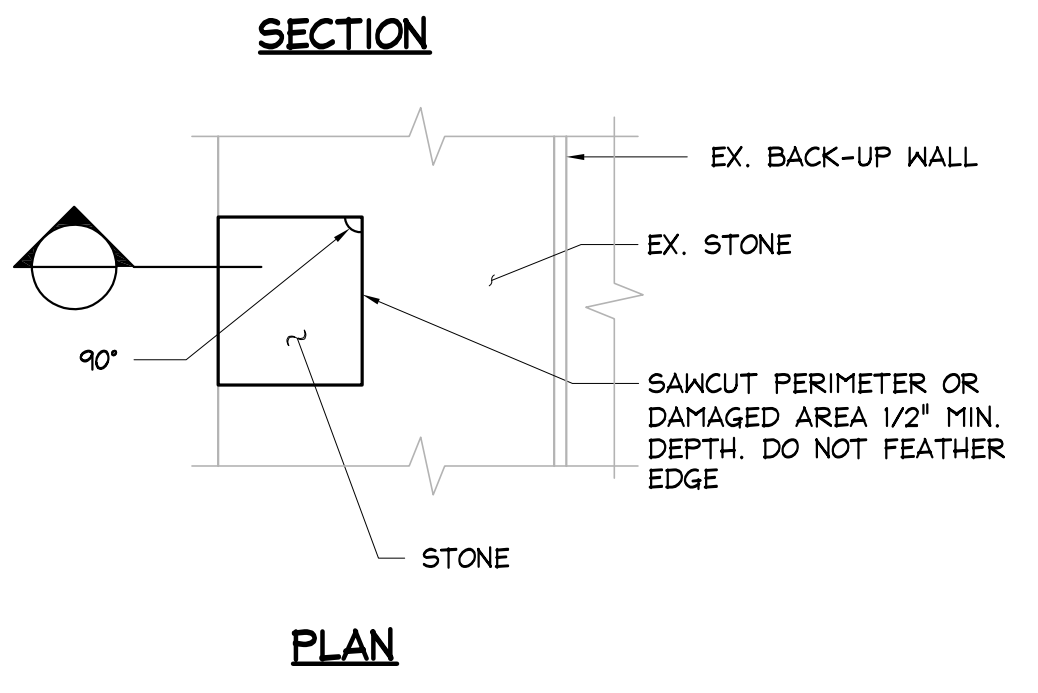
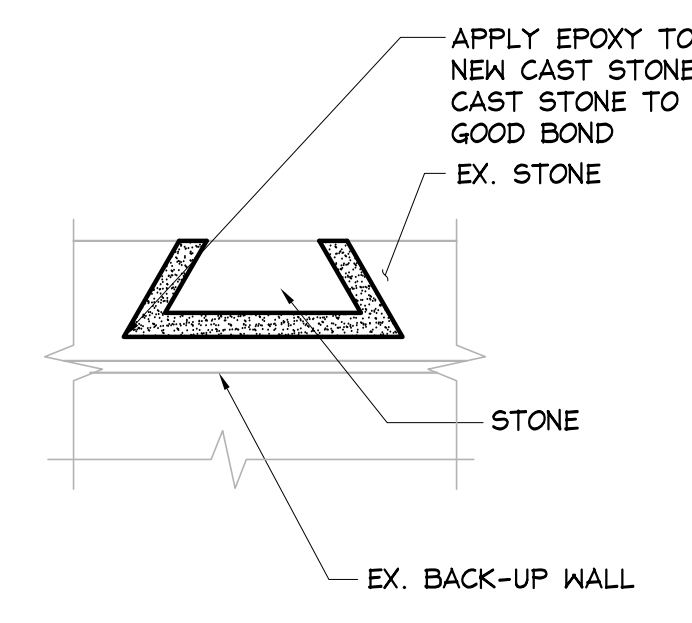
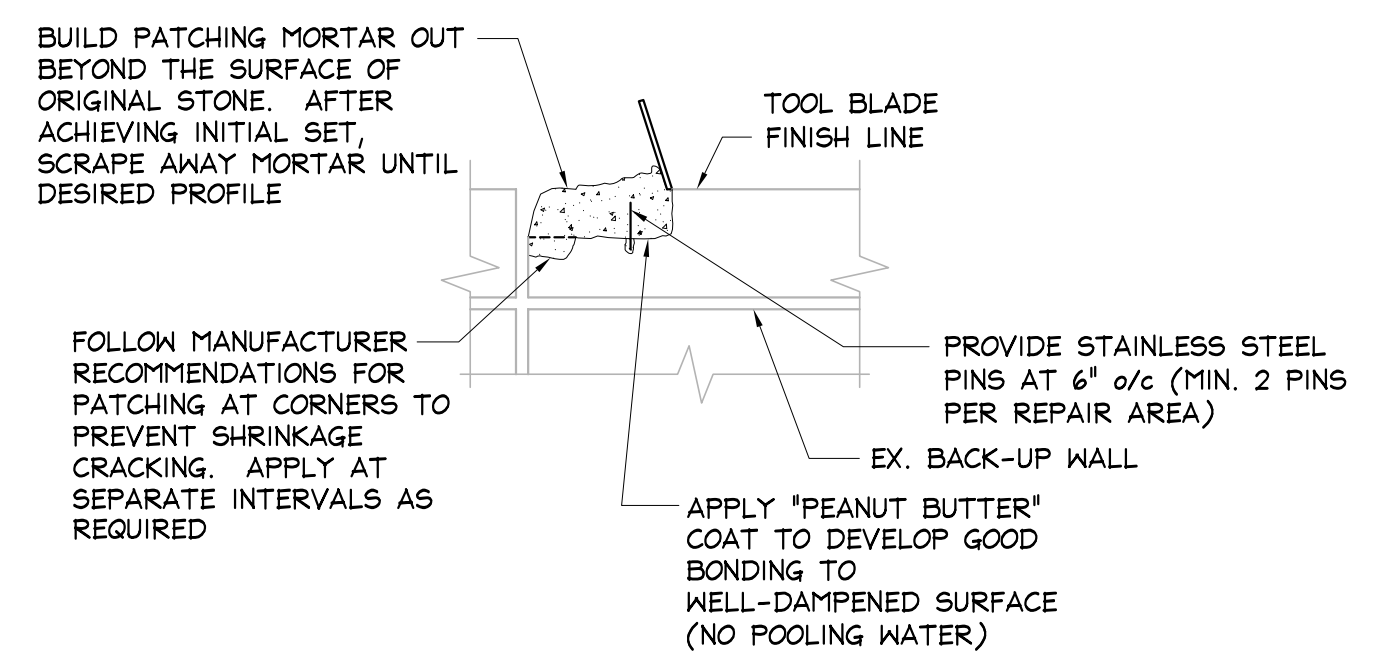


REMOVE AND REPLACE MORTAR JOINTS (REPAIR ITEM 2.0, TYPE B)

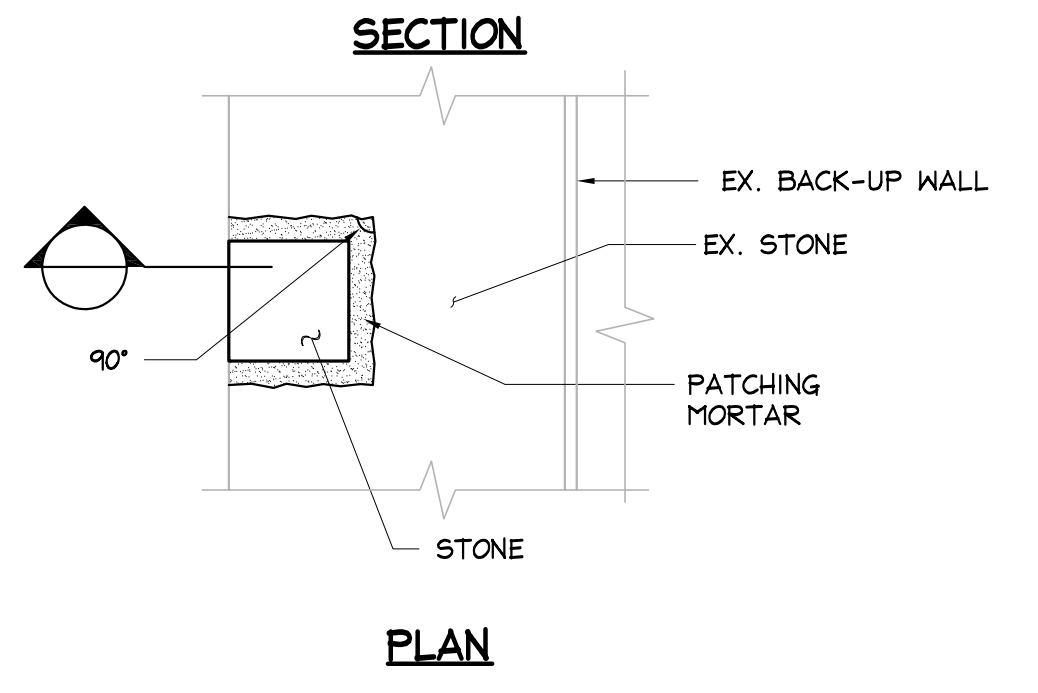
SCALE: N.T.S

- NOTES:
- 1) ALL ITEMS INDICATED TO BE INCLUDED IN REPAIR ITEM 2.0, TYPE B, U.N.O.

**CONTRACTOR NOTE:**  
EXTREME CARE MUST BE TAKEN DURING MORTAR REMOVAL TO NOT DAMAGE THE FACE OF THE EXISTING TERRA COTTA. ANY TERRA COTTA DAMAGED DURING MORTAR REMOVAL SHALL BE REPLACED OR REPAIRED AT THE CONTRACTOR'S EXPENSE.



MORTAR REPAIR OPTION

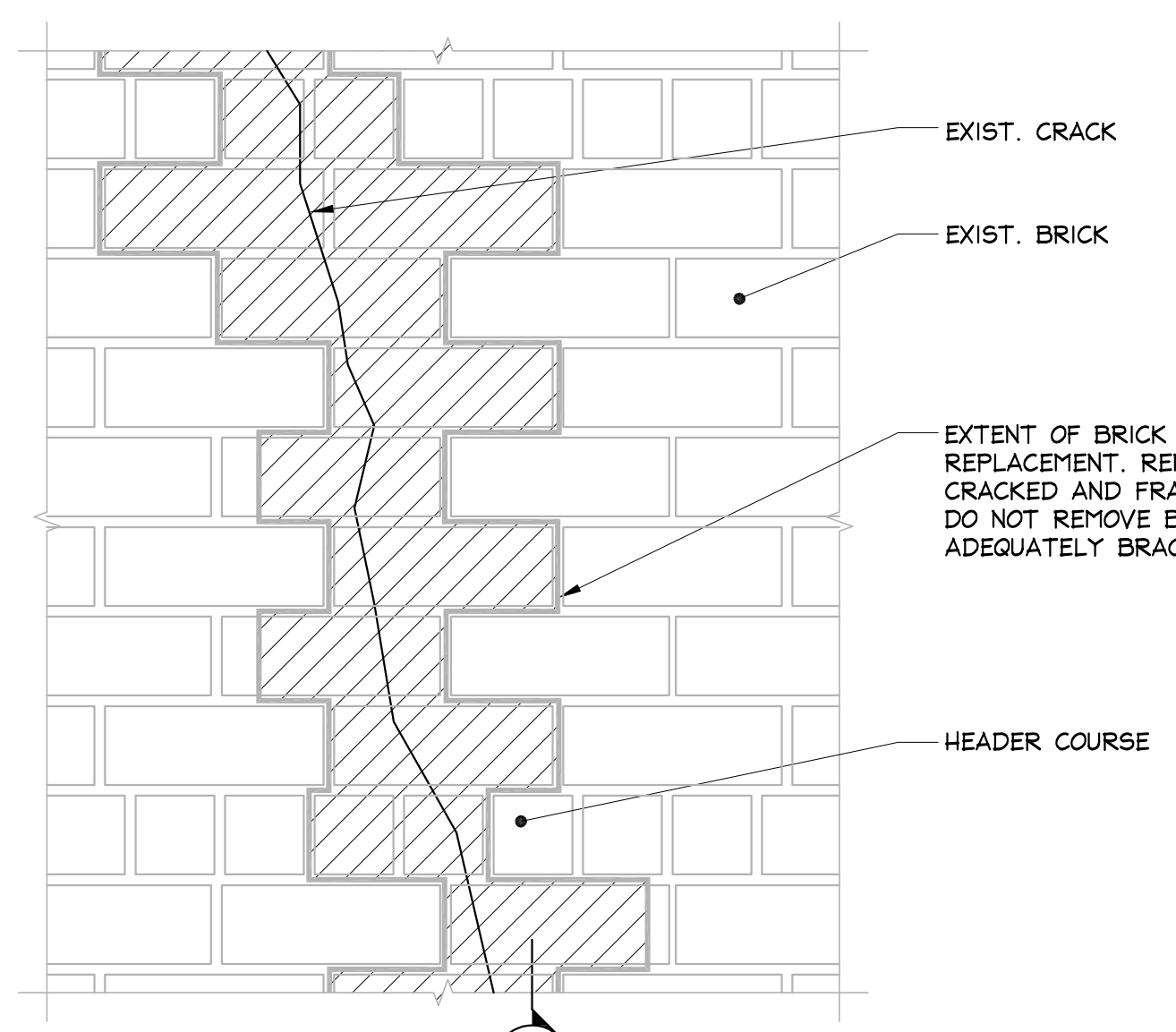


DUTCHMEN REPAIR OPTION

REPAIR LIMESTONE (REPAIR ITEM 3.1, TYPE A)

SCALE: N.T.S

- NOTES:
- 1) ALL ITEMS INDICATED ABOVE TO BE INCLUDED IN REPAIR ITEM 3.1, TYPE A, U.N.O.
  - 2) ALL STEEL ANCHORS UNCOVERED DURING THE WORK SHALL BE CLEANED AND PAINTED WITH A CORROSION INHIBITING PAINT.



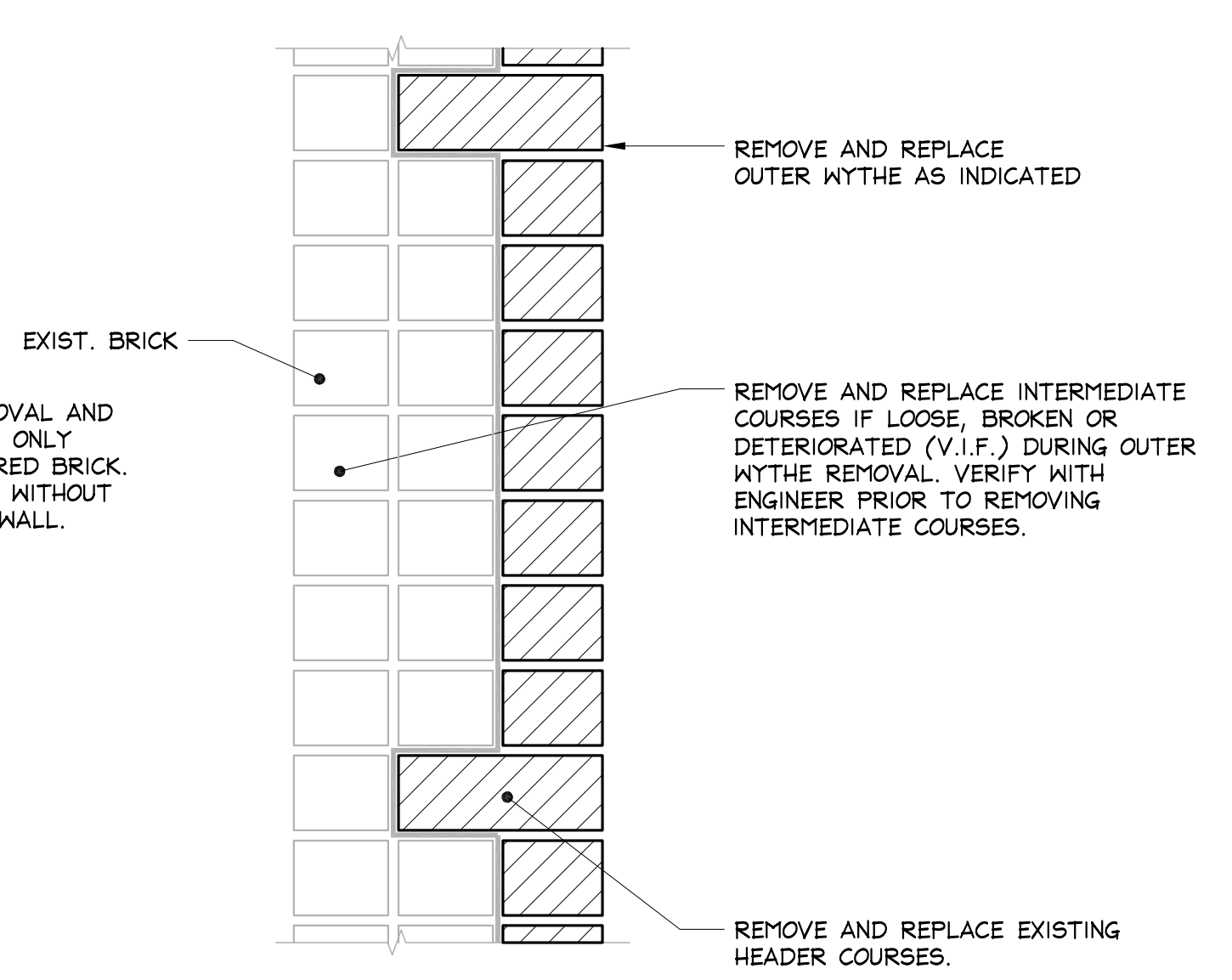
ELEVATION

NOTE: BOND PATTERN MAY VARY. REPLACE BRICK MASONRY IN BOND PATTERN TO MATCH EXISTING.

REMOVE AND REPLACE BRICK (REPAIR ITEM 3.0)

SCALE: N.T.S

- NOTES:
- 1) ALL ITEMS INDICATED TO BE INCLUDED IN REPAIR ITEM 3.0, U.N.O.



SECTION A

REMOVE AND REPLACE BRICK (REPAIR ITEM 3.0)

**DPMC Restoration Upgrades to Exterior Building Envelope**

**Location**  
135 W Hanover St. Trenton, New Jersey

**Project Number**  
DPMC: A1310-00

**Date**  
L&G: 19504  
7/30/2019

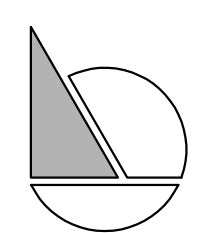
**Architect**  
Lammey + Giorgio  
Architecture + Design  
215 Highland Ave, Suite B  
Haddon Twp. NJ, 08108  
p.856.833.0010

William Lammey - AIA - NJ C6793  
Anthony Giorgio - AIA - NJ 07626

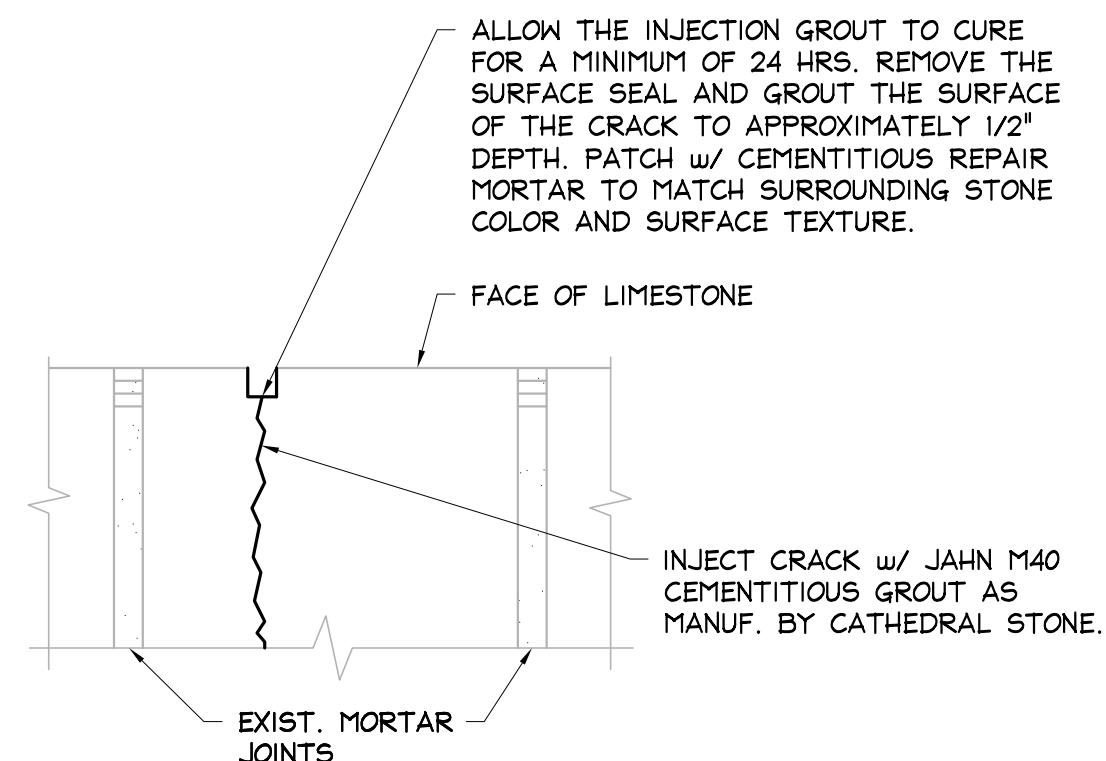
#	Issue/Revision	Date
1	Design Development Submission	09/06/2019
2	FINAL DESIGN SUBMISSION	11/26/2019
3	FINAL DESIGN SUBMISSION 2	02/24/2020
4	FINAL DESIGN SUBMISSION 3	03/09/2020

**Sheet Title**  
REPAIR DETAILS

**Sheet No.**  
**S-2.0**

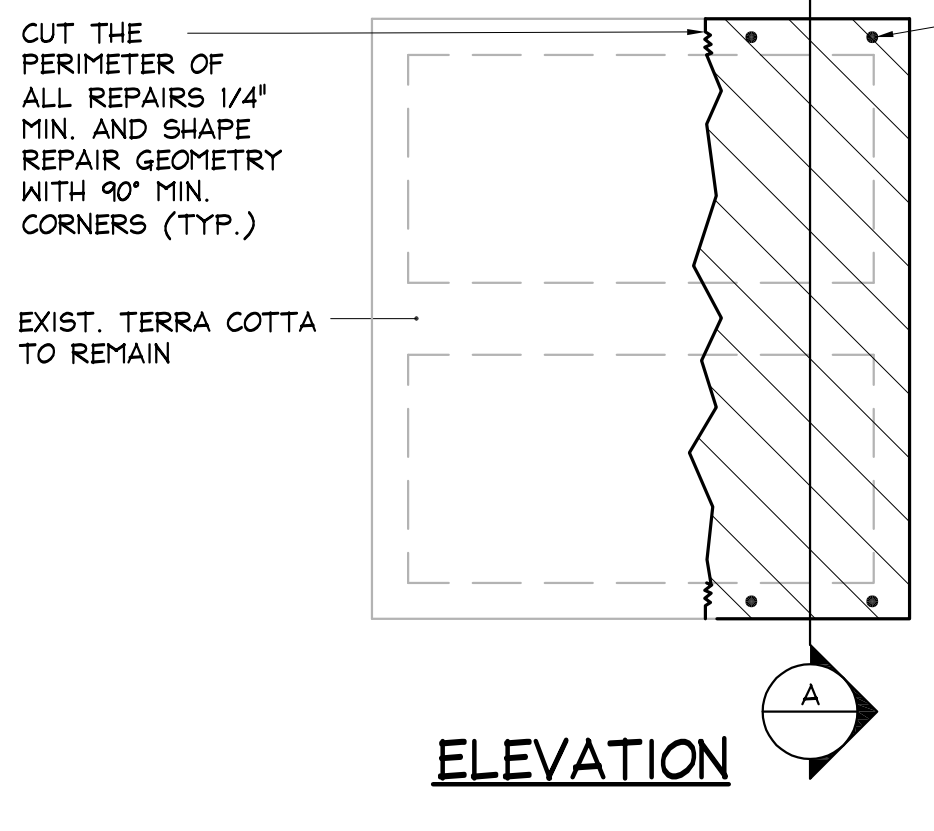


**O'DONNELL & NACCARATO**  
STRUCTURAL ENGINEERS  
701 MARKET STREET  
SUITE 6000  
PHILADELPHIA PENNSYLVANIA 19106-2524  
TELEPHONE: (215) 925-3788  
Project No. 0232034500



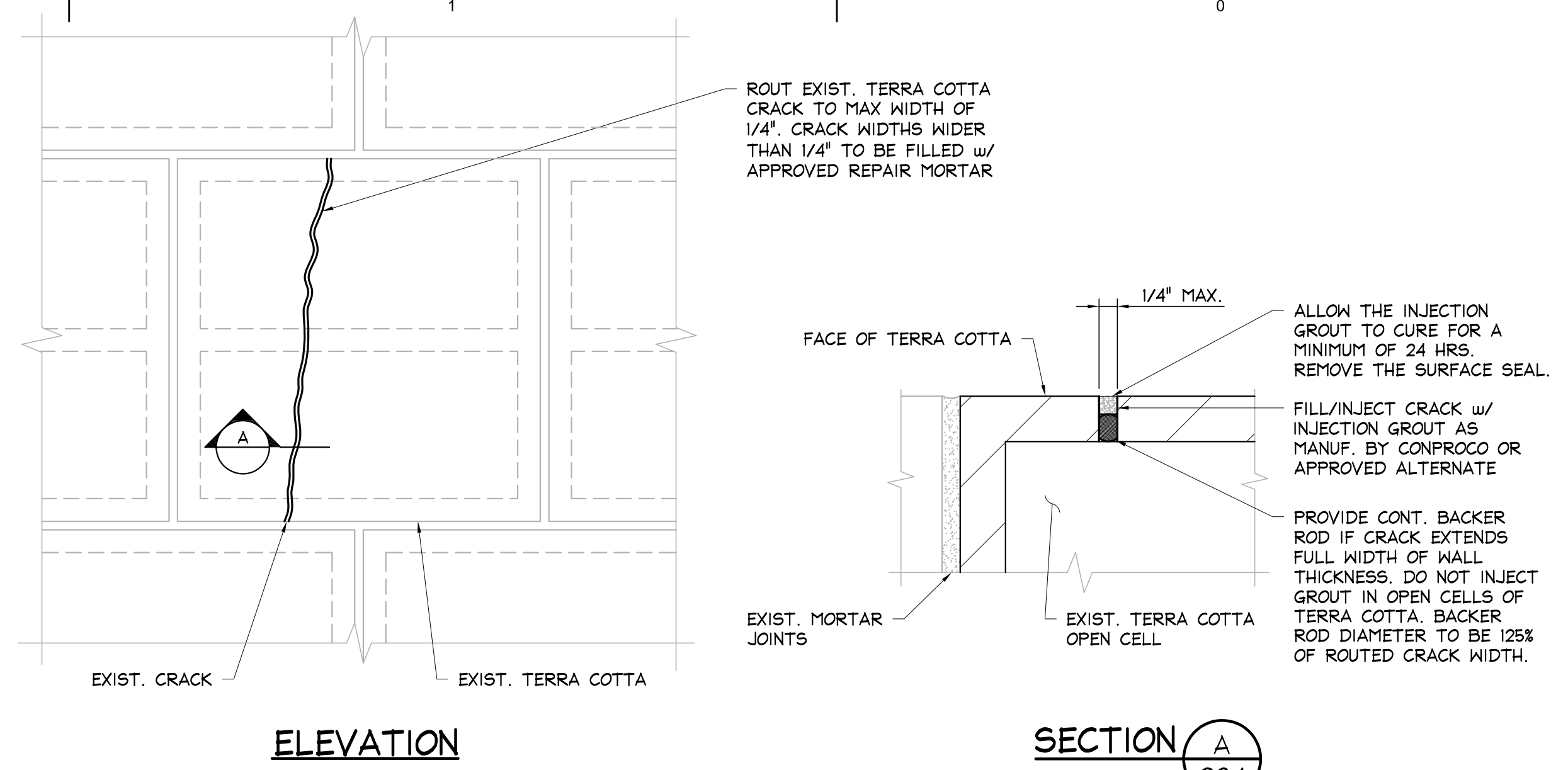
**REPAIR LIMESTONE**  
(REPAIR ITEM 3.1, TYPE B) 1  
S2.1

SCALE: N.T.S.  
NOTES:  
1) ALL ITEMS INDICATED ABOVE TO BE INCLUDED IN REPAIR ITEM 3.1, TYPE B, U.N.O.



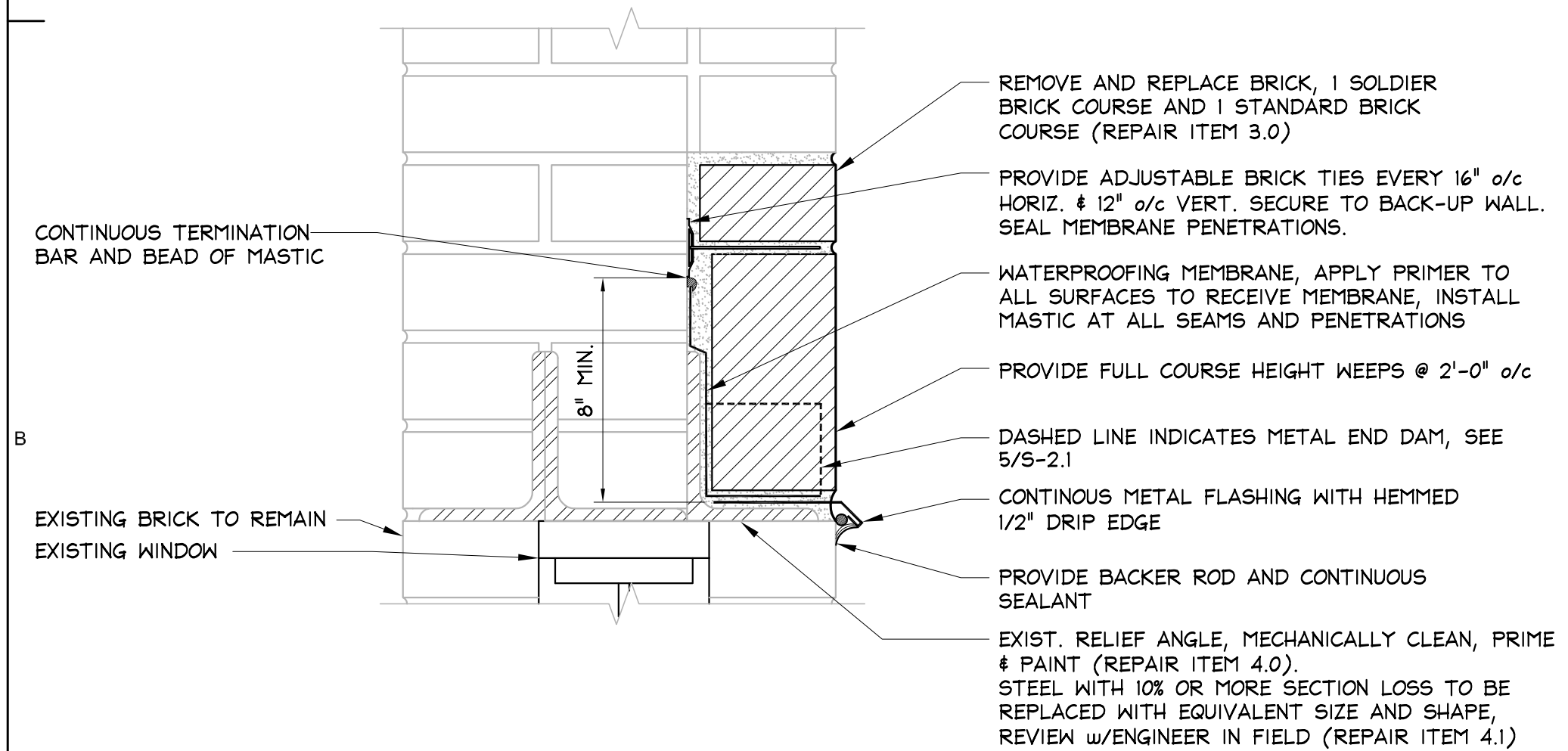
**REPAIR TERRA COTTA**  
(REPAIR ITEM 3.2, TYPE A) 2  
S2.1

SCALE: N.T.S.  
NOTES:  
1) ALL ITEMS INDICATED ABOVE TO BE INCLUDED IN REPAIR ITEM 3.2, TYPE A, U.N.O.  
2) ALL STEEL ANCHORS UNCOVERED DURING THE WORK SHALL BE CLEANED AND PAINTED WITH A CORROSION INHIBITING PAINT.



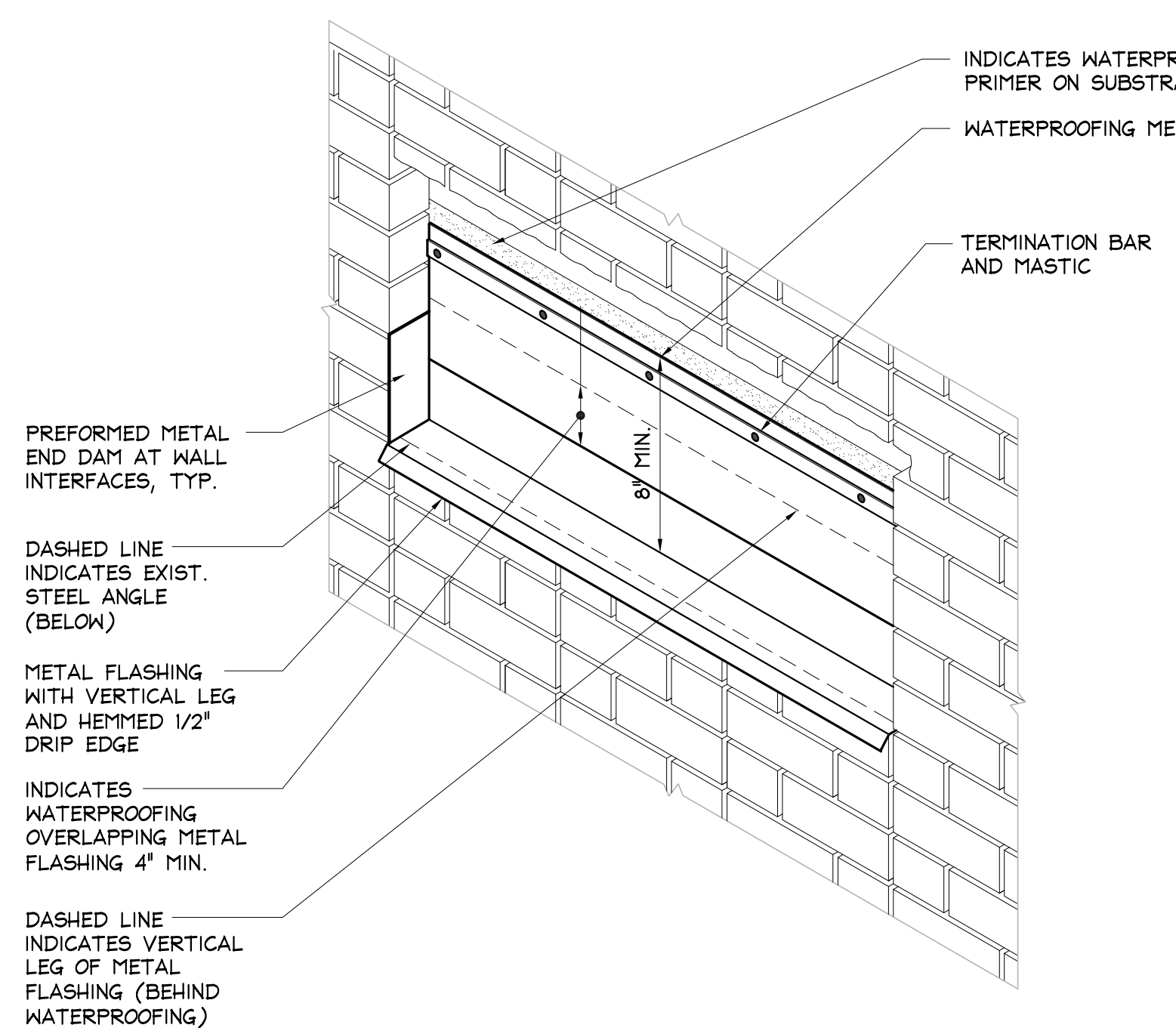
**REPAIR TERRA COTTA**  
(REPAIR ITEM 3.2, TYPE B) 3  
S2.1

SCALE: N.T.S.  
NOTES:  
1) ALL ITEMS INDICATED ABOVE TO BE INCLUDED IN REPAIR ITEM 3.2, TYPE B, U.N.O.



**INSTALL THROUGH WALL FLASHING**  
(REPAIR ITEM 5.0) 4  
S2.1

SCALE: N.T.S.  
NOTES:  
1) ALL ITEMS INDICATED TO BE INCLUDED IN REPAIR ITEMS 5.0, U.N.O.



**TYPICAL END DAM DETAIL** 5  
S2.1

SCALE: N.T.S.

**DPMC Restoration  
Upgrades to Exterior  
Building Envelope**

**Location**  
135 W Hanover St. Trenton,  
New Jersey

**Project Number**  
DPMC: A1310-00

**L&G: 19504**  
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**Sheet Title**  
REPAIR DETAILS

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**O'DONNELL & NACCARATO**  
STRUCTURAL ENGINEERS  
701 MARKET STREET  
SUITE 6000  
PHILADELPHIA PENNSYLVANIA 19106-2524  
TELEPHONE: (215) 925-3788  
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