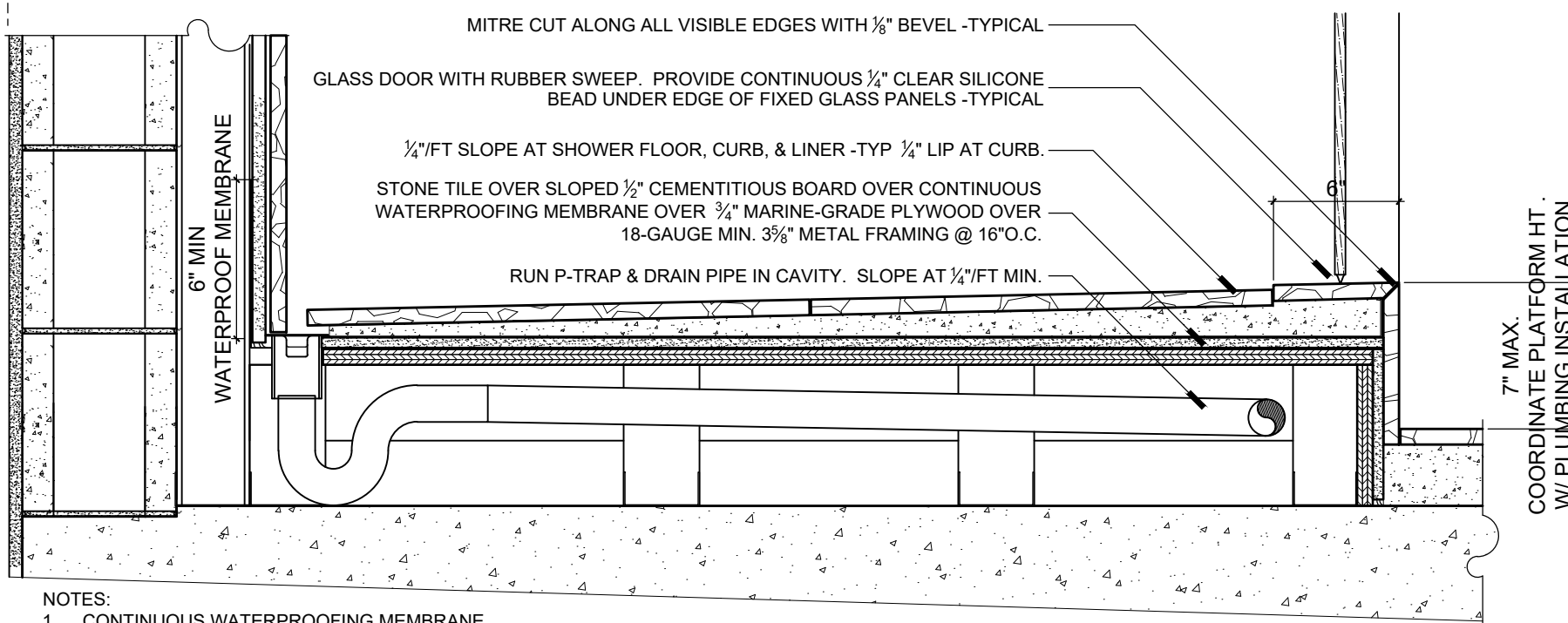


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- NOTES:
- CONTINUOUS WATERPROOFING MEMBRANE
 - PVC SHEETS: PLASTICIZED POLYVINYL CHLORIDE (PVC) SHEETS SHALL BE A MINIMUM OF 0.040 INCH (1.02 MM) THICK, AND SHALL MEET THE REQUIREMENTS OF ASTM D 4851. SHEETS SHALL BE JOINED BY SOLVENT WELDING IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 - CHLORINATED POLYETHYLENE (CPE) SHEETS, NONPLASTICIZED CHLORINATED POLYETHYLENE SHEET SHALL BE A MINIMUM 0.040 INCH (1.02 MM) THICK, AND SHALL MEET THE REQUIREMENTS OF ASTM D 4098. THE LINER SHALL BE JOINED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 - WHERE A SHOWER RECEPTOR HAS A FINISHED CURB THRESHOLD, IT SHALL BE NOT LESS THAN 1" BELOW THE SIDES & BACK OF THE RECEPTOR. THE CURB SHALL BE NOT LESS THAN 2" AND NOT MORE THAN 9" DEEP FROM THE TOP OF THE CURB TO THE TOP OF THE DRAIN. THE FINISHED FLOOR SHALL SLOPE UNIFORMLY TOWARD THE DRAIN NOT LESS THAN 1/8" PER FOOT (2% SLOPE) NOR MORE THAN 1/2" PER FOOT (4% SLOPE) AND FLOOR DRAINS SHALL BE FLANGED TO PROVIDE A WATER-TIGHT JOINT IN THE FLOOR.
 - INSTALLATION: LINING MATERIALS SHALL SLOPE 1/2" PER FOOT (2% SLOPE) TO WEEP HOLES IN THE SUB-DRAIN BY MEANS OF A SMOOTH, SOLIDLY FORMED SUB-BASE. SHALL BE PROPERLY RECESSED AND FASTENED TO APPROVED BACKING SO AS NOT TO OCCUPY THE SPACE REQUIRED FOR THE WALL COVERING, & SHALL NOT BE NAILED OR PERFORATED AT ANY POINT LESS THAN 1" ABOVE THE FINISHED THRESHOLD.
 - RECEPTOR DRAINS: AN APPROVED FLANGED DRAIN SHALL BE INSTALLED WITH SHOWER SUB-PANS OR LININGS. THE FLANGE SHALL BE PLACED FLUSH WITH THE SUB-BASE AND BE EQUIPPED WITH A CLAMPING RING OR OTHER DEVICE TO MAKE A WATER-TIGHT CONNECTION BETWEEN THE LINING AND THE DRAIN. THE FLANGE SHALL HAVE WEEP HOLES INTO THE DRAIN.
 - GLASS ENCLOSURE WITH GASKET SEAL ALONG BOTTOM EDGE OF DOOR. USE CATEGORY II SAFETY GLASS.

3 SHOWER PLATFORM DETAIL
SCALE: 3" = 1'-0"

- FINISH NOTES:
- TOILETS & BATHROOM FLOORS SHALL HAVE A SMOOTH, HARD, NON-ABSORBENT SURFACE THAT EXTENDS UPWARD ONTO THE WALLS MIN. 6".
 - NEW PAINT COLOR SELECTION BY INTERIOR DESIGNER
 - PER FL NFPA 101, TABLE A 10.2.2, ALL INTERIOR FINISHES TO BE CLASS A, B, OR C & CLASS I OR II
 - ALL NEW FLOOR FINISHES TO COMPLY WITH FBC SECTION 804 INTERIOR FLOOR FINISH
 - ALL NEW FLOOR & CEILING FINISHES TO COMPLY WITH FBC SECTION 803 WALL & CEILING FINISHES
 - ALL NEW FINISHES (WALL / CEILING / FLOOR / TRIM / DECOR), ARE TO COMPLY WITH FBC BUILDING CHAPTER 8, FOR FLAME SPREAD AND SMOKE DEVELOPMENT CLASSIFICATION.
 - PER FBC BUILDING 720.2 CONCEALED INSTALLATION: INSULATING MATERIALS, WHERE CONCEALED AS INSTALLED IN BUILDINGS OF ANY TYPE OF CONSTRUCTION, SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 & A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 450.
 - PER FBC BUILDING, SECTION 603 COMBUSTIBLE MATERIAL IN TYPES I & II CONSTRUCTION, 603.1 ALLOWABLE MATERIALS: COMBUSTIBLE MATERIALS SHALL BE PERMITTED IN BUILDINGS OF TYPE I OR II CONSTRUCTION IN THE FOLLOWING APPLICATIONS & IN ACCORDANCE WITH SECTIONS 603.1.1 THROUGH 603.1.3:
 - FIRE-RETARDANT-TREATED WOOD SHALL BE PERMITTED IN:
 - NONBEARING PARTITIONS WHERE THE REQUIRED FIRE-RESISTANCE RATING IS 2 HOURS OR LESS.
 - NONBEARING EXTERIOR WALLS WHERE FIRE-RESISTANCE-RATED CONSTRUCTION IS NOT REQUIRED.
 - ROOF CONSTRUCTION, INCLUDING GIRDERS, TRUSSES, FRAMING & DECKING.
 - ALL NEW FINISHES (WALL/CEILING/FLOOR/TRIM/DECOR), ARE TO COMPLY WITH FBCB CHAPTER 8, FOR FLAME SPREAD AND SMOKE DEVELOPMENT CLASSIFICATION

2 FINISH NOTES
SCALE: N/A

4 DOOR SCHEDULE
SCALE: N/A

System No. C-AJ-0081
F Rating -- 4 Hr
T Rating -- 4 Hr
L Rating At Ambient -- Less Than 1 CFM/sq ft
L Rating At 400 F -- Less Than 1 CFM/sq ft

SECTION A-A

- Floor or Wall Assembly -- Min 4-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) concrete. Wall may also be constructed of any UL Classified Concrete Blocks*. Max diam of opening is 14 in. (356 mm). See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.
- Firestop System -- The firestop system shall consist of the following:
 - Forms -- (Not Shown) -- Used as a form to prevent leakage of fill material during installation. Forms to be a rigid sheet material, positioned as required to accommodate the required thickness of fill material. Forms to be removed after fill material has cured.
 - Fill Void or Cavity Materials -- Mortar -- Min 4-1/2 in. thickness of fill material applied within the annulus. Mortar is mixed at a rate of 2-1/2 parts dry mix to one part water by volume in accordance with the fill material manufacturer's installation instructions.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC -- CP637 Mortar
*Bearing the UL Classification Mark

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System No. C-AJ-1154

ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Rating -- 3 Hr	F Rating -- 3 Hr
T Rating -- 1/4 Hr	FT Rating -- 1/4 Hr
L Rating At Ambient -- Less Than 1 CFM/sq ft	FH Rating -- 3 Hr
L Rating At 400 F -- 4 CFM/sq ft	FTH Rating -- 1/4 Hr
	L Rating At Ambient -- Less Than 1 CFM/sq ft
	L Rating At 400 F -- 4 CFM/sq ft

SECTION A-A

- Floor or Wall Assembly -- Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m3) concrete. Wall may also be constructed of any UL Classified Concrete Blocks*. Max diam of opening is 14 in. (356 mm). See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.
- Through-Penetrants -- One metallic pipe, conduit or tubing to be installed either concentrically or eccentrically within the firestop system. The annular space shall be min 0 in. to max 3-1/4 in. (83 mm). Pipe, conduit or tubing to be rigidly supported on both sides of wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:
 - Steel Pipe -- Nom 10 in. (254 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.
 - Conduit -- Nom 4 in. (254 mm) diam (or smaller) steel electrical metallic tubing or steel conduit.
 - Copper Tubing -- Nom 4 in. (102 mm) diam (or smaller) Regular (or heavier) copper pipe.
- Firestop System -- The firestop system shall consist of the following:
 - Packing Material -- Mineral wool batt insulation firmly packed into opening as a permanent form. Packing material to be recessed from top surface of floor or from both surfaces of wall to accommodate the required thickness of fill material. As an option to the above, backer rod and/or foamed plastic backer material may be used.
 - Fill, Void or Cavity Material* -- Sealant -- Min 1/2 in. (13 mm) thickness of fill material applied within the annulus, flush with top surface of floor or with both surfaces of wall. At the point contact location between pipe and concrete, a min 1/2 in. (13 mm) diam bead of fill material shall be applied at the concrete/pipe interface on the top surface of floor and on both surfaces of wall.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC -- FS-ONE Sealant or FS-ONE MAX Intumescent Sealant
*Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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System No. C-AJ-2392
F Rating - 2 Hr
T Rating - 0 Hr

SECTION A-A

- Floor or Wall Assembly -- Min 4-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) concrete. Wall may also be constructed of any UL Classified Concrete Blocks*. Max diam of opening is 10 in. See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.
- Through Penetrants -- One non-metallic pipe to be installed eccentrically or concentrically within the opening with an annular space of min 3/16 in. to max 5-5/16 in. Pipe to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of non-metallic pipe may be used:
 - Polyvinyl Chloride (PVC) Pipe -- Nom 4 in. diam (or smaller) Schedule 40 solid or cellular core PVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.
 - Chlorinated Polyvinyl Chloride (CPVC) -- Nom 4 in. diam (or smaller) SDR13.5 CPVC pipe for use in closed (process or supply) piping systems.
- Firestop System -- The firestop system shall consist of the following:
 - Fill, Void or Cavity Material*-Wrap Strip -- Two stacks of wrap strips, each applied in a single wrap with ends tightly butted and held in place with tape, installed flush with bottom surface of floor or both surfaces of wall or extending 1/2 in. beyond both surfaces of wall.
 - Fill Void or Cavity Materials* -- Foam -- Min 5 in. thickness of fill material applied within the annulus flush with top surface of floor and extending 1/2 in. above the top surface of the floor and overlapping the concrete 1/2 in. on all sides of the opening. In walls, fill material installed extending 1/2 in. beyond both surfaces of wall and overlapping the concrete 1/2 in. on all sides of the opening.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC -- CP 620 Fire Foam
*Bearing the UL Classification Mark

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System No. C-BJ-1049
F Rating -- 2 Hr
T Rating -- 0 Hr

SECTION A-A

- Floor or Wall Assembly -- Min 8 in. thick reinforced lightweight or normal weight 100-150 pcf concrete. Wall may also be constructed of any UL Classified Concrete Blocks*. Max area of opening is 528 sq in. with max dimension of 66 in. See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.
- Through Penetrants -- One or more pipes, conduit or tubing to be installed within the firestop system. Min clearance between pipes, conduits or tubing to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of metallic pipes or conduits may be used:
 - Steel Pipe -- Nom 4 in. diam (or smaller) Schedule 10 (or heavier) steel pipe. -- ABC
 - Iron Pipe -- Nom 4 in. diam (or smaller) cast or ductile iron pipe.
 - Conduit -- Nom 4 in. diam (or smaller) steel electrical metallic tubing or steel conduit.
- Forms -- (Not Shown) -- Used as a form to prevent leakage of fill material during installation. Forms to be a rigid sheet material, cut to fit the contour of the penetrating item and positioned as required to accommodate the required thickness of fill material. Forms may be removed after fill material has cured.
- Fill, Void or Cavity Material* -- Mortar -- Min 2-1/2 in. thickness of fill material applied within the annulus flush with top surface of floor or one surface of wall. Fill material is mixed at a rate of 2.5 parts dry mix to one part water by weight in accordance with the installation instructions supplied with fill material.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC -- Type CP637
*Bearing the UL Classification Mark

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1 FIRE STOP DETAILS
SCALE: NOT TO SCALE

CIC

STATE OF FLORIDA
JOSE RAMON CARLO
REGISTERED ARCHITECT
AR16566

ARCHITECTURE
INTERIOR
DESIGN
REAL ESTATE
ADVISORY

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MEP ENGINEER:
MARCOS MISRAHI, P.E.
FL LICENSE NO.: P.E.56887

19431 NE 19 PLACE
NORTH MIAMI BEACH, FL 33179

TEL. (305) 527-3220

P R I V A T E

P R E S I D E N C E

CONTINUUM SOUTH TOWER
100 SOUTH POINTE DRIVE
UNIT 1001/02/03
BID SET - FEBRUARY 10, 2024

PROJECT: 2205
DATE: SEPTEMBER 30, 2023
FILE: 1001/02/03 PERMIT 230915
REV. DESCRIPTION DATE

SCALE: AS NOTED

DETAILS
FIRE STOP
DOOR SCHEDULE
A3.1