



PTTWE GMP4 Submittal Cover Page

<p>Submittal Package Information</p> <p>Design Package Number Submittal Item Number Revision</p> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; width: 150px; height: 25px;"></div> <div style="border: 1px solid black; width: 170px; height: 25px;"></div> <div style="border: 1px solid black; width: 50px; height: 25px;"></div> </div> <p style="text-align: center;">Description</p> <div style="border: 1px solid black; width: 450px; height: 35px; margin: 10px 0;"></div> <p style="text-align: center;">Responsible Team Member</p> <div style="border: 1px solid black; width: 220px; height: 25px; margin: 10px auto;"></div> <p style="display: flex; justify-content: space-between; margin-top: 10px;"> Submitting Company Submitting Company Contact </p> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid black; width: 190px; height: 25px;"></div> <div style="border: 1px solid black; width: 190px; height: 25px;"></div> </div>	<p>CAT-JV Approval Stamp</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>CAT-JV REVIEW</p> <p>A. Approved for Review</p> <p>B. Approved as Noted, Resubmit for Record</p> <p>C. Revise & Resubmit</p> <p>D. Rejected</p> <p>The information contained within this submittal has been reviewed for general conformance with the requirements of the work and the contract documents. This review does not relieve subcontractor / supplier from responsibilities stipulated in the contract.</p> <p>BY: _____ DATE: _____</p> <p>Submittal Item Number: _____</p> <p>Reference: _____</p> <div style="text-align: center; margin-top: 10px;"> </div> </div>
<p>AOR Approval Stamp</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>STV Incorporated</p> <p>FILE No. <u>DP06 078443-005-0</u></p> <p><input type="checkbox"/> NO EXCEPTIONS TAKEN</p> <p><input checked="" type="checkbox"/> EXCEPTIONS AS NOTED - RESUBMISSION NOT REQUIRED</p> <p><input type="checkbox"/> REVISE AND RESUBMIT</p> <p><input type="checkbox"/> REJECTED</p> <p><input type="checkbox"/> ENGINEER OF RECORD REVIEW NOT REQUIRED</p> <p>BY: <u>Bob Drake</u></p> <p>DATE: <u>4/17/2024</u></p> <p style="font-size: small;">This review does not relieve the contractor or any subcontractor of responsibility for full compliance with contract requirements; for correctness of dimensions, clearances, and material quantities; for proper design of details; for proper fabrication and construction with other trades; and for providing all devices required for safe and satisfactory construction and operation.</p> </div>	<p>EOR Approval Stamp</p> <p style="color: red; margin-top: 20px;">ATL Plane Train submittal DP06 078443-005-0 is reviewed "Exceptions As Noted - Do Not Resubmit", as follows:</p> <ul style="list-style-type: none"> -1. xxxxx. -2. xxxxx. -3. xxxxx. -4. xxxxx. -5. xxxxx. -6. by Others. -7. Verify or Guarantee and Coordinate all dimensions.
<p>Owner Approval Stamp</p>	

ENGINEERING JUDGMENT FIRESTOP DETAIL

THIS ENGINEERING JUDGMENT REPRESENTS A FIRESTOP SYSTEM THAT WOULD BE EXPECTED TO PASS THE STATED RATINGS IF TESTED

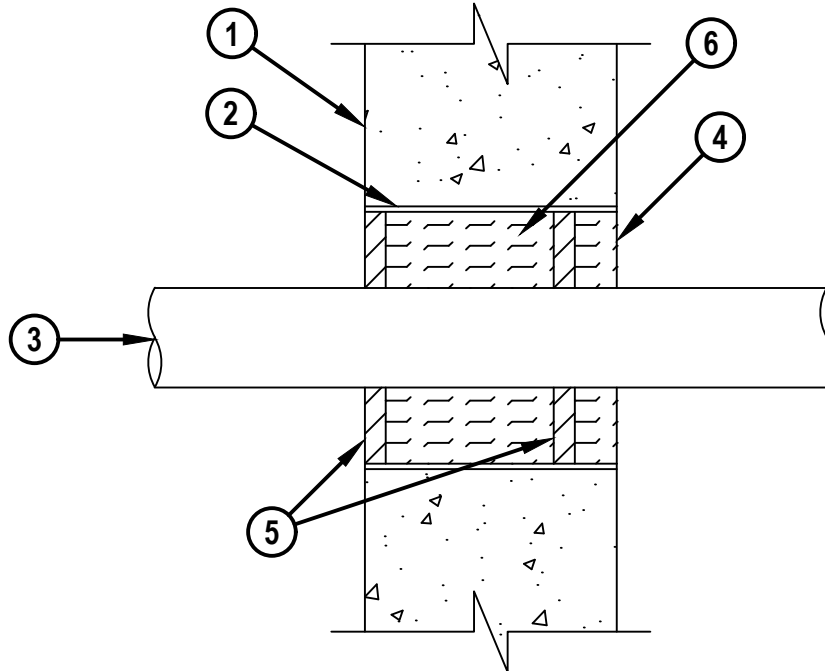
PROJECT : HJAIA PLANE TRAIN TUNNEL EXT. PH1
ADDRESS : 1300 WILLIAMS DR., MARIETTA, 30066

ISSUED TO : -ALPHA INSULATION CO

Ratings

F-RATING = 3-HR.

CROSS-SECTIONAL VIEW



NO ACCESS
THIS SIDE

This EJ is to be applied at electrical conduits shown in the following pictures where there is adequate angular space between the conduit and sleeve for fire caulk and mineral wool to be installed around the entirety of the conduit.



HILTI, Inc.
Plano, Texas USA (800) 879-8000

Designed by Hilti FPE
Austin Griffith

Drafter
KP

Sheet	1 of 2
Scale	5/32" = 1"
Date	Apr. 15, 2024

Drawing No.
630917a

Saving Lives through Innovation and Education

ENGINEERING JUDGMENT FIRESTOP DETAIL

THIS ENGINEERING JUDGMENT REPRESENTS A FIRESTOP SYSTEM THAT WOULD BE EXPECTED TO PASS THE STATED RATINGS IF TESTED

PROJECT : HJAIA PLANE TRAIN TUNNEL EXT. PH1
ADDRESS : 1300 WILLIAMS DR., MARIETTA, 30066

ISSUED TO : -ALPHA INSULATION CO

Ratings

F-RATING = 3-HR.

1. CONCRETE WALL ASSEMBLY (3-HR. FIRE-RATING) :
 - A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE WALL (MINIMUM 6" THICK).
 - B. ANY UL/cUL CLASSIFIED CONCRETE BLOCK WALL.
2. MAXIMUM 4" NOMINAL DIAMETER STEEL PIPE SLEEVE (SCH. 40 OR HEAVIER). SLEEVE TO BE FLUSH WITH ASSEMBLY SURFACES AND SHALL BE CAST OR GROUTED INTO ASSEMBLY.
3. METALLIC PENETRANT TO CONSIST OF ONE OF THE FOLLOWING :
 - A. MAXIMUM 2" NOMINAL DIAMETER STEEL PIPE (SCH. 10 OR HEAVIER).
 - B. MAXIMUM 2" NOMINAL DIAMETER CAST IRON PIPE.
 - C. MAXIMUM 2" NOMINAL DIAMETER COPPER PIPE OR TUBING.
 - D. MAXIMUM 2" NOMINAL DIAMETER STEEL CONDUIT OR STEEL EMT.
4. MINIMUM 1" THICKNESS MINERAL WOOL (MIN. 4 PCF DENSITY) TIGHTLY PACKED AS A BACKER.
5. MINIMUM 1/2" DEPTH HILTI FS-ONE MAX INTUMESCENT FIRESTOP SEALANT.
6. MINIMUM 4" THICKNESS MINERAL WOOL (MIN. 4 PCF DENSITY) TIGHTLY PACKED AND RECESSED TO ACCOMMODATE SEALANT.

NOTES :

1. MAXIMUM DIAMETER OF OPENING = 3".
2. ANNULAR SPACE = MINIMUM 1/4", MAXIMUM 1-7/8".

Referenced Tested Systems
(REFERENCE : UL/cUL SYSTEM NO. C-AJ-1155)

Project Application Details
CS0225689

Applicable Test Method
UL 1479



Hilti Firestop Systems

HILTI, Inc.
Plano, Texas USA (800) 879-8000

Designed by Hilti FPE
Austin Griffith

Drafter
KP

Sheet 2 of 2

Scale -

Date Apr. 15, 2024

Drawing No.

630917a

Saving Lives through Innovation and Education

ENGINEERING JUDGMENT FIRESTOP DETAIL

THIS ENGINEERING JUDGMENT REPRESENTS A FIRESTOP SYSTEM THAT WOULD BE EXPECTED TO PASS THE STATED RATINGS IF TESTED

PROJECT : HJAI A PLANE TRAIN TUNNEL EXT. PH1
 ADDRESS : 1300 WILLIAMS DR., MARIETTA, 30066

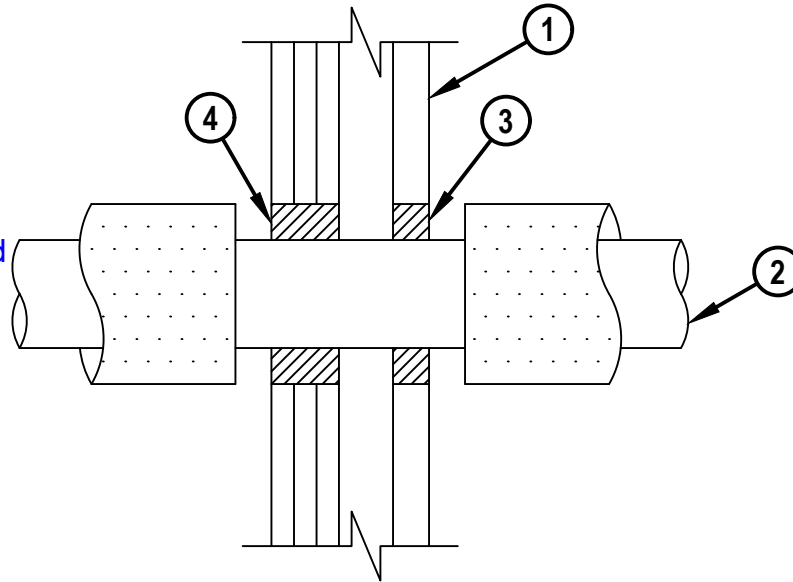
ISSUED TO : -ALPHA INSULATION CO

Ratings

F-RATING = 3-HR.

This EJ is to be applied at the (2) pump discharge pipes and the (1) fire standpipe. The (3) pipes referenced were not installed centered in the sleeve; therefore, there is not adequate angular space to install mineral wool & fire caulking around the entirety of the pipes. For this reason, we are proposing to build 3-hour shaft wall pump outs around the pipes and then applying fire caulk at the interface of the proposed shaft wall and pipe.

CROSS-SECTIONAL VIEW



1. GYPSUM SHAFT WALL ASSEMBLY (UL/CUL CLASSIFIED) WITH MINIMUM 2-1/2" WIDE STEEL STUDS (3-HR. FIRE-RATING).
2. MAXIMUM 6" NOMINAL DIAMETER STEEL PIPE (SCH 10 OR HEAVIER) WITH MAXIMUM 1" THICK AB/PVC INSULATION (SEE NOTE BELOW).
3. MINIMUM 1" DEPTH HILTI FS-ONE MAX INTUMESCENT FIRESTOP SEALANT.
4. MINIMUM 1-7/8" DEPTH HILTI FS-ONE MAX INTUMESCENT FIRESTOP SEALANT.

NOTES :

1. MAXIMUM DIAMETER OF OPENING = 8".
2. ANNULAR SPACE = MINIMUM 0", MAXIMUM 7/8".
3. [NOT SHOWN] WHEN ANNULAR SPACE IS 0", APPLY MINIMUM 1/2" BEAD HILTI FS-ONE MAX INTUMESCENT FIRESTOP SEALANT AT POINT OF CONTACT.
4. INSULATION TO BE REMOVED THROUGH OPENING AND FIRESTOP MATERIAL.

Referenced Tested Systems
 (REFERENCE : UL/cUL SYSTEM NO. W-L-1380, W-L-1252, & W-L-5028)

Project Application Details
 CS0225695

Applicable Test Method
 UL 1479



HILTI, Inc.
 Plano, Texas USA (800) 879-8000
 Designed by Hilti FPE
 Austin Griffith

Drafter
GS

Sheet 1 of 1
 Scale 3/16" = 1"
 Date Apr. 15, 2024

Drawing No.
630957a

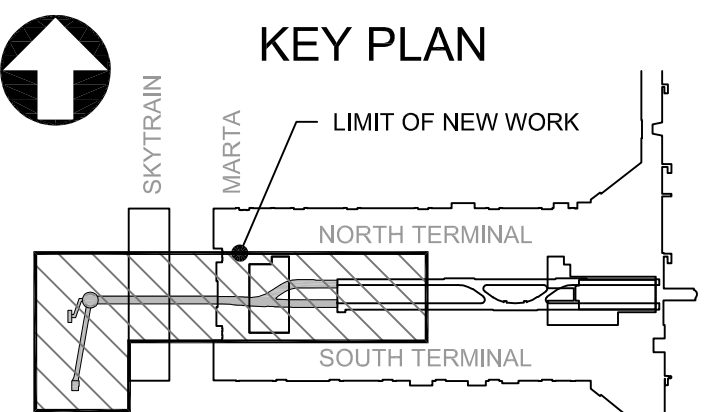
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CITY OF ATLANTA, GEORGIA



STV Incorporated
225 Park Avenue South
New York, NY 10003-1604
(212) 777-4400 FAX: (212) 529-5237
WWW.STVINC.COM



- LEVEL LEGEND**
- ATRIUM LEVEL 3 ELEV. 1065'-1 1/2"
 - ATRIUM LEVEL 2 ELEV. 1049'-11 1/2"
 - BOARDING LEVEL ELEV. 1029'-8 1/2"
 - APRON LEVEL ELEV. 1012'-1 1/2"
 - MEZZANINE LEVEL ELEV. 999'-3"
 - PLATFORM LEVEL ELEV. 985'-10"
 - AGTS LEVEL (TOP OF TRACK) ELEV. 982'-9"

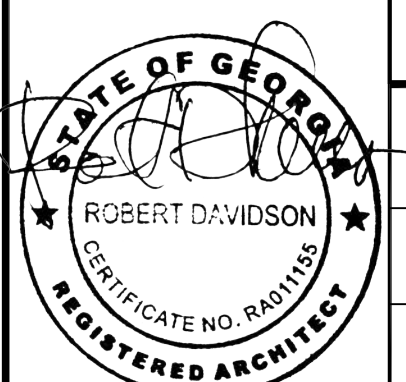
NO.	DATE	BY	REVISION

PLANE TRAIN TUNNEL WEST EXTENSION PHASE 1

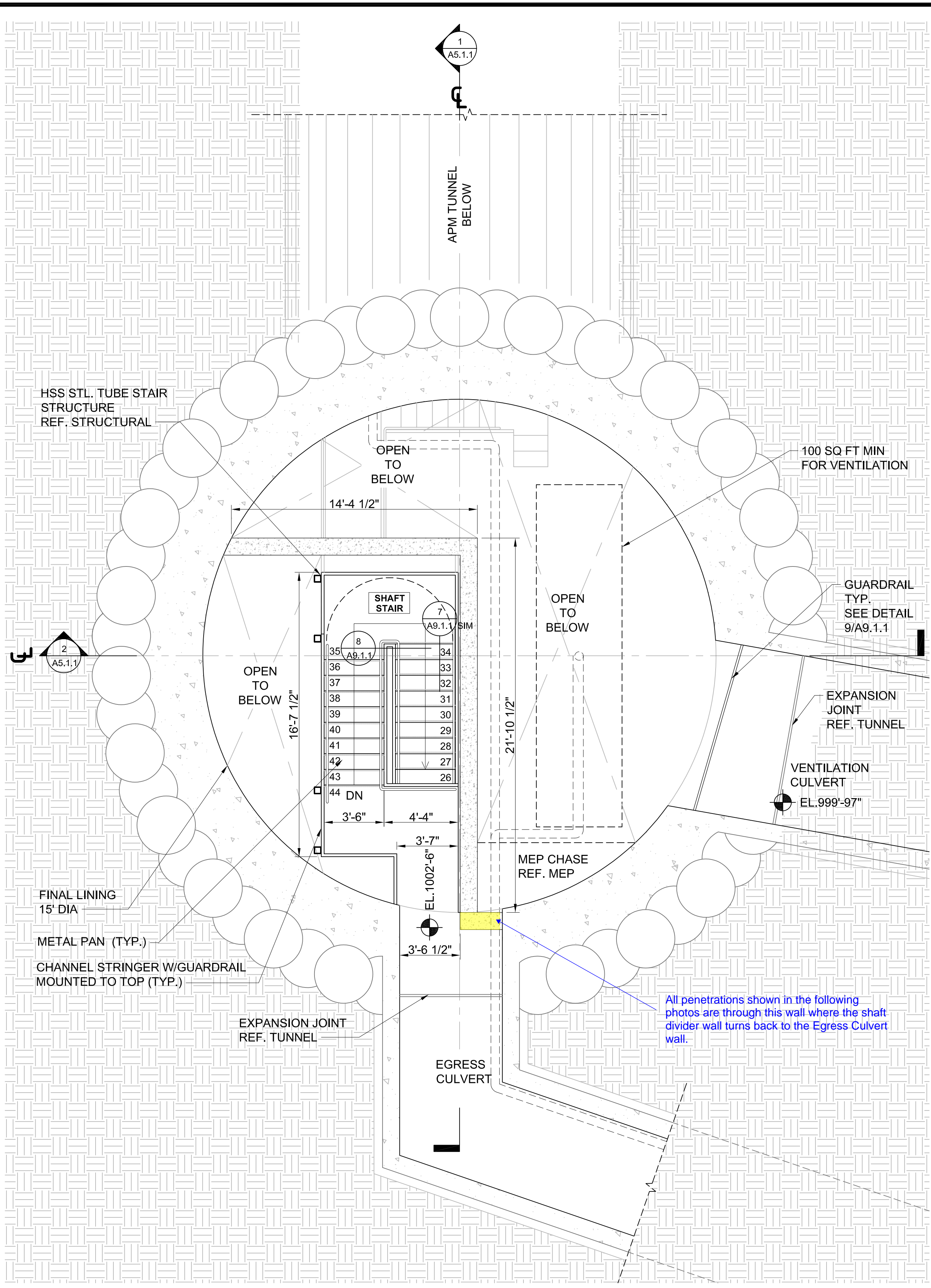
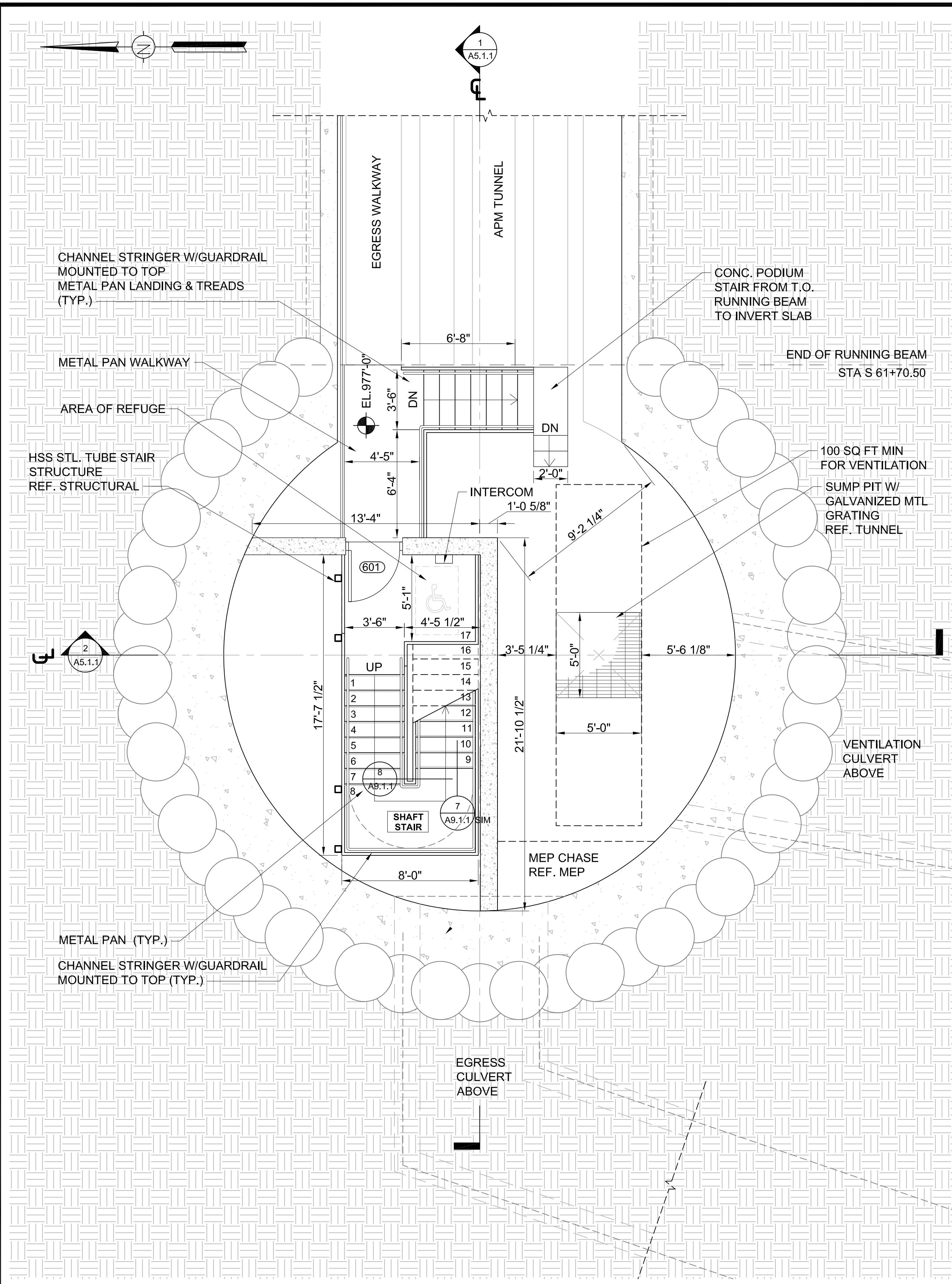
CONSTRUCTION SHAFT STAIR PLANS

DESIGN PACKAGE 06
FINAL LINING, FIT-OUT AND ANCILLARY BUILDING SUPERSTRUCTURES

WBS NUMBER: F.22.02.001	DRAWN BY: JK
FC NUMBER: FC-9277	DESIGNED BY: DB
CONSULTANT PROJECT NUMBER: 3019700	CHECKED BY: JH
	APPROVED BY: RD



DATE:
04/02/2021
SCALE:
1/4" = 1'-0"
SHEET NO:
DP06 A 2.1.1



All penetrations shown in the following photos are through this wall where the shaft divider wall turns back to the Egress Culvert wall.

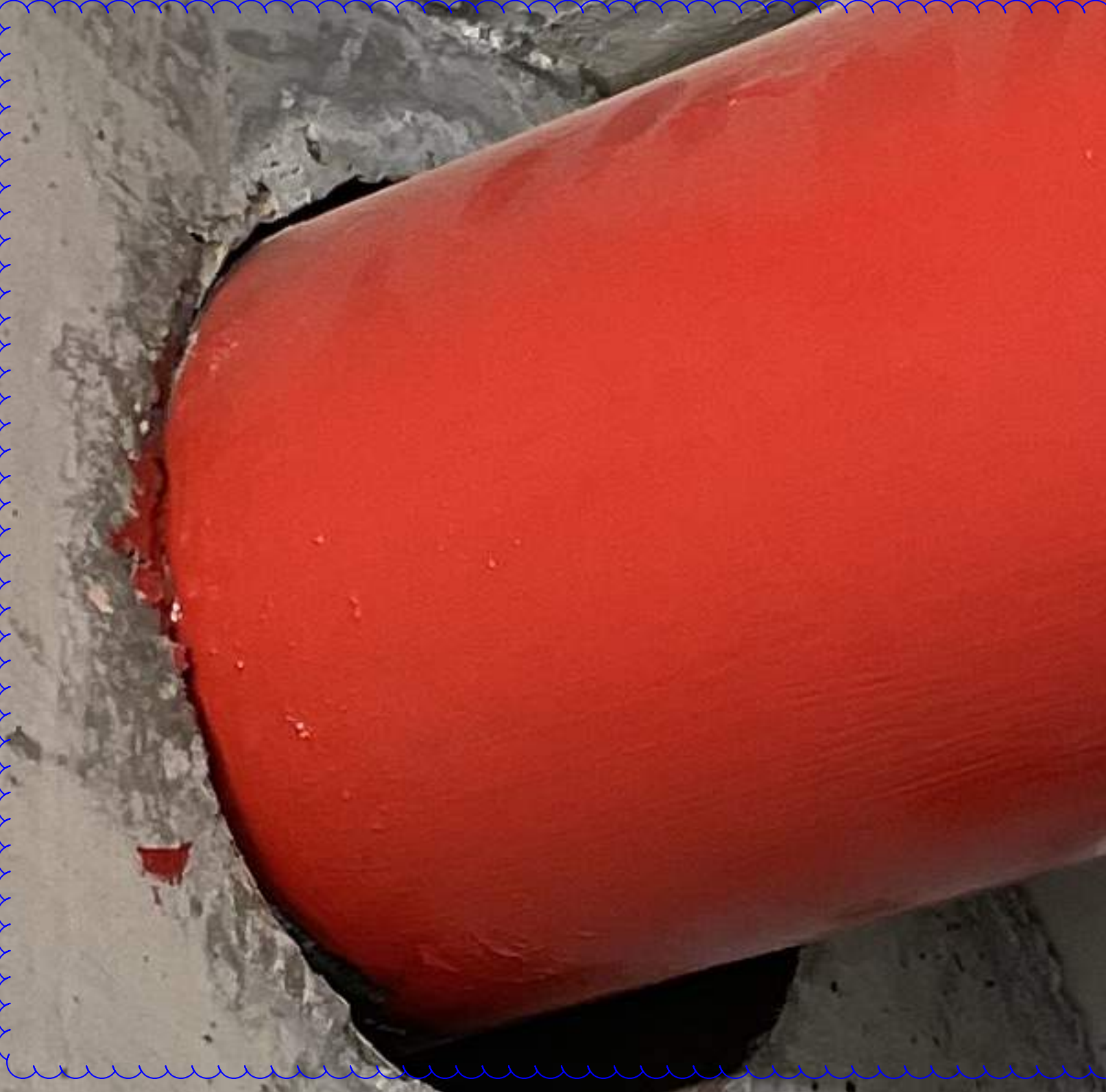


EJ 630917a to be applied at these penetrations



EJ 630957a to be applied at these penetrations

EJ 630957a to be applied at this penetrations



EJ 630917a to be applied at these penetrations



EJ 630917a to be applied at these penetrations



EJ 630957a to be applied at this penetrations

