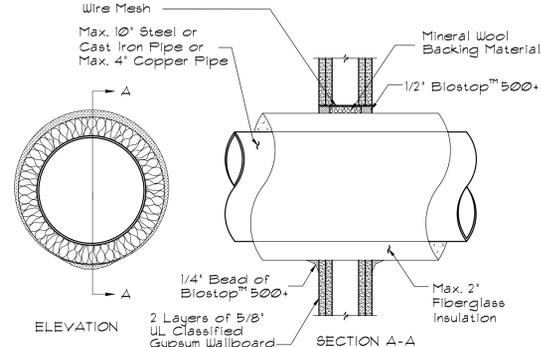
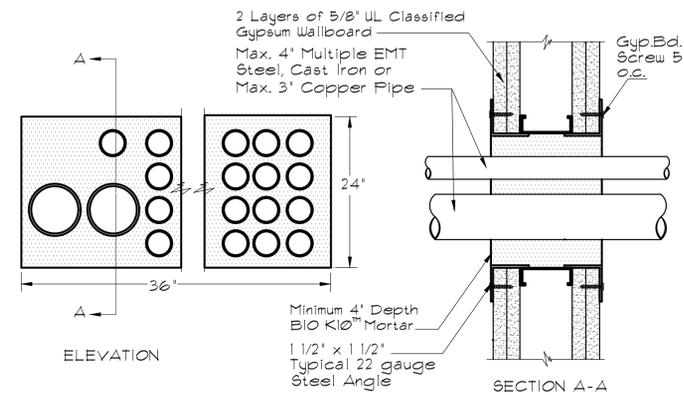


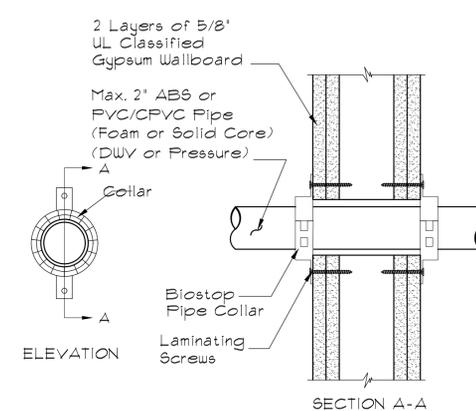
- 1 TYPICAL CENTERED PENETRATION  
GYPSUM BOARD PARTITION  
Bio Fireshield Biostop-  
500GW25- UL, WL5058  
10" Steel/ 6" Copper pipe (2Hr.)
- 1a 500GW31- UL, WL1100  
4" Steel/ Cast Iron/ CMT/ 2" Copper  
pipe-(2Hr.)
- 1b 100GW02- UL, WL1011  
2" Steel pipe-(2Hr.)



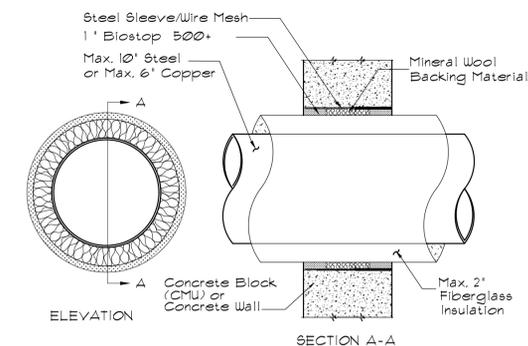
- 2 TYPICAL OFF-CENTER PENETRATION  
GYPSUM BOARD PARTITION  
Bio Fireshield Biostop-  
500GW60- UL, WL5093  
10" Steel/ Cast Iron/ 4" Copper pipe (2Hr.)
- 2a 150GW03- UL, WL1145  
12" Steel/ EMT/ 6" Copper pipe-(2Hr.)
- 2b 500GW67- UL, WL7035  
16" Steel Duct (min.26 gauge)-(2Hr.)
- 2c 500GW46- UL, WL1115  
20" Steel/ Cast Iron/ EMT/ Copper pipe-(2Hr.)



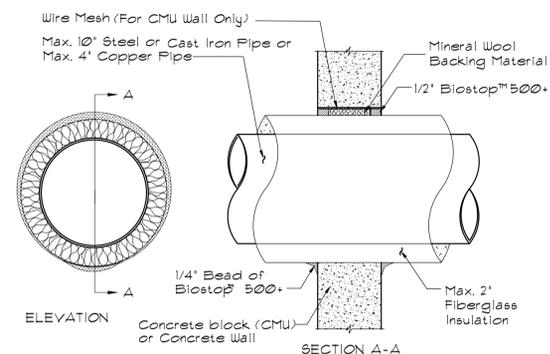
- 3 TYPICAL MIXED/MULTIPLE PENETRATION  
GYPSUM BOARD PARTITION  
Bio Fireshield Biostop-  
MORTGW4- UL, WL1124  
4" Multiple EMT Steel/ Cast Iron/ 3" Copper  
pipe (2Hr.)
- 3a MORTGW3- UL, WL1125  
4" Multiple EMT Steel/ Cast Iron/ 3" Copper  
pipe (1Hr.)
- 3c 100GW04- UL, WL3011  
1 (25) Phone/ Fiber Optic cables (2Hr.)



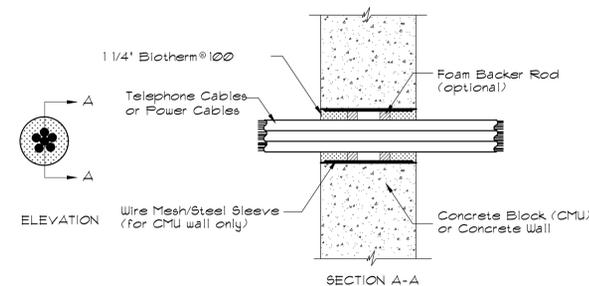
- 4 TYPICAL PENETRATION  
GYPSUM BOARD PARTITION/Pipe Collar  
Bio Fireshield Biostop-  
COLLW00- UL, WL2118  
2" ABS/ PVC/CPVC Pipe- (2Hr.)
- 4a COLLW00- UL, WL2109  
4" ABS/ PVC/CPVC Pipe- (1/2 Hr.)
- 4b COLLW02- UL, WL2133  
6" ABS/ PVC/CPVC Pipe- (2Hr.)
- 4c COLLAR GW00- UL, WL3151  
Mult.Bx 25 pair Telephone/Communication  
Cables (2Hr.)



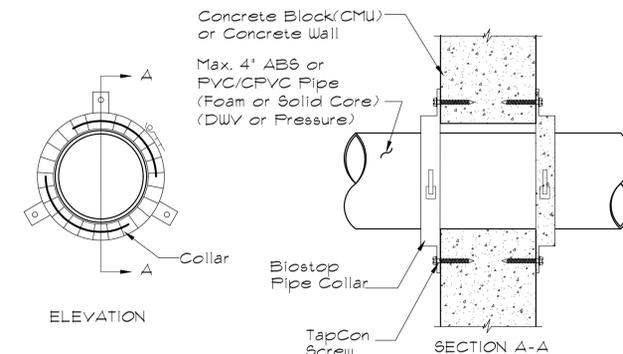
- 5 TYPICAL CENTERED PENETRATION  
CONCRETE/ CMU PARTITION  
Bio Fireshield Biostop-  
500CW25- UL, WL5017  
10" Steel/ 6" Copper pipe (2Hr.)
- 5a 100CW14- UL, CAJ1254  
8" Steel pipe (2Hr.)
- 5b 500CW29- UL, WJ2026  
2" PVC/ CPVC pipe (2Hr.)



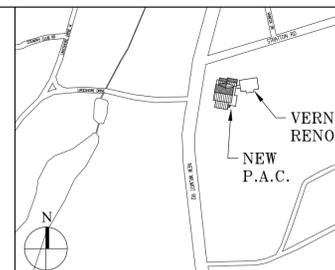
- 6 TYPICAL OFF-CENTER PENETRATION  
CONCRETE/ CMU PARTITION  
Bio Fireshield Biostop-  
500CW69- UL, WL5040  
10" Steel/ Cast Iron/4" Copper pipe (2Hr.)
- 6a 500CW42- UL, WJ5030  
Max. 20" Steel/6" Copper pipe (2Hr.)
- 6b 150CW04- UL, CAJ1213  
12" Steel or Iron/6" EMT or Copper pipe (2Hr.)
- 6c 500CW10- UL, WJ1015  
Max. 16" Steel Duct (min.26 gauge) (2Hr.)
- 6d 100CW34- UL, CAJ1245  
4" Steel/ EMT/ 3" Copper pipe (2Hr.)



- 7 TYPICAL MIXED/MULTIPLE PENETRATION  
CONCRETE/ CMU PARTITION  
Bio Fireshield Biostop-  
100CW37- UL, CAJ3124  
Telephone/ Power Cables (2Hr.)
- 7a 100CW19- UL, WJ3030  
Type NM1 Power Cable (2Hr.)
- 7b 500CW01- UL, CBJ3003  
Telephone/ Power Cables/ No.14 Wire (2Hr.)
- 7c 150CW11- UL, CAJ3135  
(5) 25 Pair Telephone Cables (2Hr.)
- 7d MORTAR-CW06- UL, CAJ3024  
(3) Power/ Phone/ (5) 25 Fiber Optic cables  
(2Hr.)



- 8 TYPICAL PENETRATION  
CONCRETE/ CMU PARTITION/Pipe Collar  
Bio Fireshield Biostop-  
COLLW00- UL, CAJ2156  
Max. 4" Polypropylene Pipe- (2Hr.)
- 8a COLLAR CW06- UL, CAJ2152  
Max. 6" ABS/PVC/ CPVC Pipe (2Hr.)
- 8b COLLAR CW20- UL, WJ3055  
Mult.Bx 25 pair Telephone/Communication  
Cables (2Hr.)



Key Plan (not to scale)

7.	6/01/2021	ISSUED FOR BID
6.	5/07/2021	RE-ISSUED FOR BUILDING PERMIT REVIEW
5.	2/01/2021	ISSUED FOR BUILDING PERMIT REVIEW
4.	10/14/2020	ISSUED FOR PLANNING BOARD REVIEW
3.	9/23/2020	RESUBMITTED FOR ZONING REVIEW
2.	8/28/2020	ISSUED FOR PRELIMINARY DOB REVIEW
1.	1/10/2020	ISSUED FOR DD ESTIMATE

No. Date Revision/Submission

STRUCTURAL & SITE CIVIL ENGINEER  
DOMINICK R PILLA  
ASSOCIATES, P.C.  
143 MAIN STREET  
NYACK, NY 10960  
845-727-7793

MEP ENGINEER  
JMV CONSULTING  
ENGINEERING, P.C.  
37 W. 39 STREET, STE 703  
NEW YORK, NY 10018  
212-852-9855

ROOFING CONSULTANT  
WATSKY ASSOCIATES  
20 MADISON AVENUE  
VALHALLA, NY 10595  
914-948-3450

Stamp

Project Title  
IONA PREPARATORY SCHOOL  
ADDITION AND ALTERATION TO THE  
PAUL VERNI FINE ARTS CENTER

Project Address  
IONA PREPARATORY SCHOOL  
255 Wilnot Road  
New Rochelle, NY 10804

Drawing Title  
TYPICAL FIRESTOPPING  
DETAILS

Scale	Job No.	Date	Drawing No.
AS NOTED	1618	04/03/2019	A-980
Drawn	DL		

Peter Gisolfi Associates  
Architects Landscape Architects, LLP  
586 Warburton Avenue  
Hastings on Hudson, NY 10706  
914 478 3677

PETER GISOLFI ASSOCIATES