

City of Bethlehem, Pennsylvania

APPLICATION FOR **CERTIFICATE** OF APPROPRIATENESS (COA)

Building address 321 Wyandotte St., Bethlehem, PA 18015

Owner of building Cathedral Church of the Nativity

Phone 610 865 0727

Owner's email & mailing address tpompa@nativitycathedral.org

321 Wyandotte St., Bethlehem, PA 18015

Applicant Lee F Snyder

Phone 610 730 6314

Applicant's email & mailing address lsnyder@snyderhoffman.com 2651 Main St Bethlehem, PA 18017

Street and Number

City

State

Zip Code

APPLICANT MUST ATTEND MEETING FOR CASE TO BE HEARD.

USE THE CHECKLIST ON THE BACK OF THIS APPLICATION TO ENSURE YOUR SUBMISSION IS COMPLETE.

Historic & Architectural Review Board – Application form, photographs, and drawings must be submitted **2 weeks prior** to the regular scheduled meeting in order to be placed on the agenda for the next meeting.

South Bethlehem & Mount Airy Historic Conservation Commission - Application form, photographs, and drawings must be submitted **2 weeks prior** to the regular scheduled meeting in order to be placed on the agenda for the next meeting.

1. **PHOTOGRAPHS** - Photographs of your building and neighboring buildings **must accompany** your application.

2. **TYPE OF WORK PROPOSED** – Check all that apply. Please bring any samples or manufactures specifications for products you will use in this project.

- | | |
|--|--|
| ☐ Trim and decorative woodwork | ☐ Skylights |
| ☐ Siding and Masonry | ☐ Metal work |
| ☐ Roofing, gutter and downspout | ☐ Light fixtures |
| ☐ Windows, doors, and associated hardware | ☐ Signs |
| ☐ Storm windows and storm doors | ☐ Demolition |
| ☐ Shutters and associated hardware | ☒ Other Installation of outside air louvers to introduce ventilation air |
| ☐ Paint (Submit color chips – HARB only) | |

3. **DRAWINGS OF PROPOSED WORK** – Required drawings **must accompany** your application. Please submit **ONE ORIGINAL AND TEN (10) COPIES OF DRAWINGS, PHOTOGRAPHS, APPLICATION FORM, AND ANY SPECIFICATIONS**

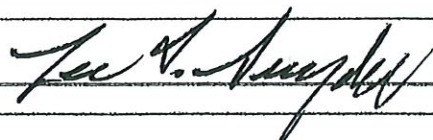
- ☒ Alteration, renovation, restoration (1/4 or 1/8"=1'0" scale drawings required IF walls or openings altered.)
- ☐ New addition (1/4" or 1/8"=1'0" scale drawings: elevations, floor plans, site plan)
- ☐ New building or structure (1/4" or 1/8"=1'0" scale drawings: elevations, floor plans, site plan)
- ☐ Demolition, removal of building features or building (1/4" or 1/8"=1'0" scale drawings: elevation of remaining site and site plan)
- ☐ A scale drawing, with an elevation view, is required for all sign submittals

4. **DESCRIBE PROJECT** – Describe any work checked in #2 and #3 above. Attach additional sheets as needed.

1 Sayre Hall - install 18" x 32" louver in East wall to provide ventilation air to central air handling unit that serves the multipurpose room. A duct will connect from the louver to the air handler located in a mechanical room, on the same level as the louver. The air handler is outfitted with MERV-13 filters and bipolar ionizer, 2 of the ASHRAE recommendations. The 3rd recommendation is ventilation air.

2 Cathedral Church - Install a 56" x 14" outside air louver in the transom of the double doors in the basement of the Church to provide ventilation air to the Sanctuary. The stained glass windows in the Sanctuary have protective lexon coverings preventing the hopper portion section of each window from being opened. A duct will extend from the louver to the return air duct approx. 10 feet away. These 3 air handlers serving the Sanctuary are outfitted with MERV13 filters & bipolar ionizers.

5. **APPLICANT'S SIGNATURE**

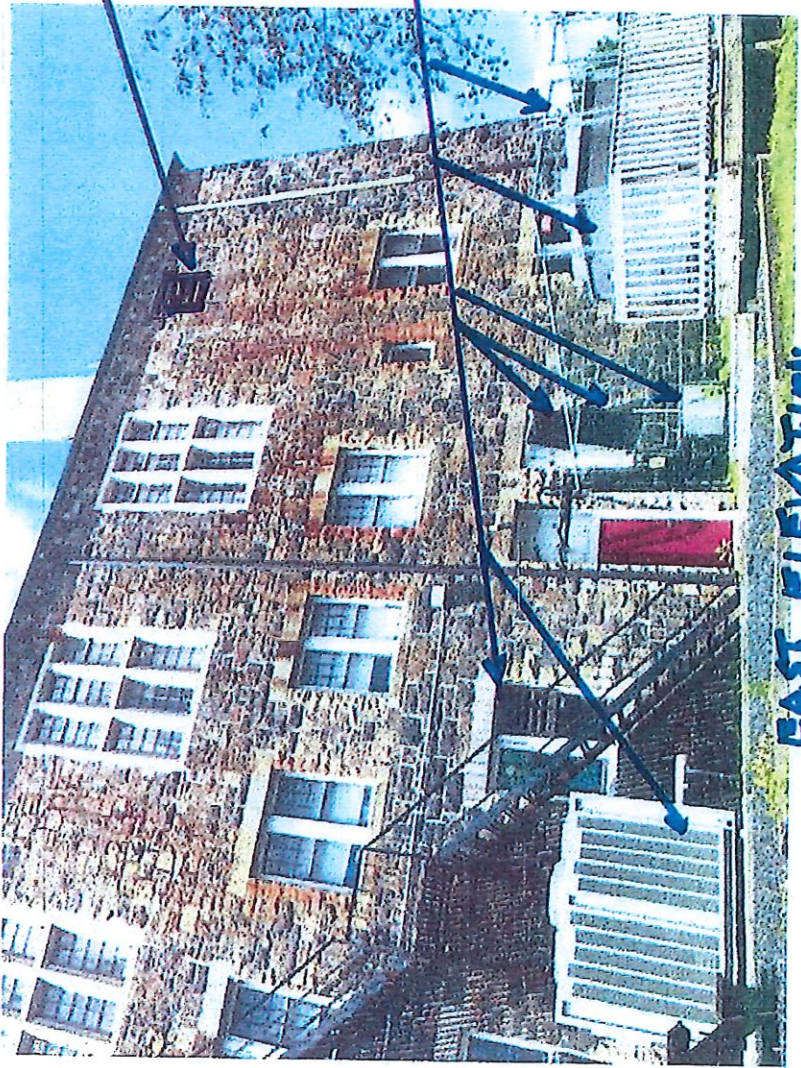


DATE: May 20, 2021

*1 SAYRE HALL O/A LOWER
5/12/21

PROPOSED 18"x32" O/A LOUVER
TO INTRODUCE VENTILATION AIR
TO AIR HANDLER SERVING MATTY PURPOSE
ROOM (HALL), COLOR TO BE APPROVED
BY THE HISTORICAL REVIEW BOARD.

EX EXHAUST AIR LOUVER, 2 CONDENSATION
AIR HOODS TO BOILERS, 2 CHILLERS,
1 CONDENSING UNIT & CHAIN LINK FENCE.



EAST ELEVATION



NORTH VIEW



EAST VIEW TO THE EAST

#1 SAYRE HALL O/A LOUVER
5/12/21

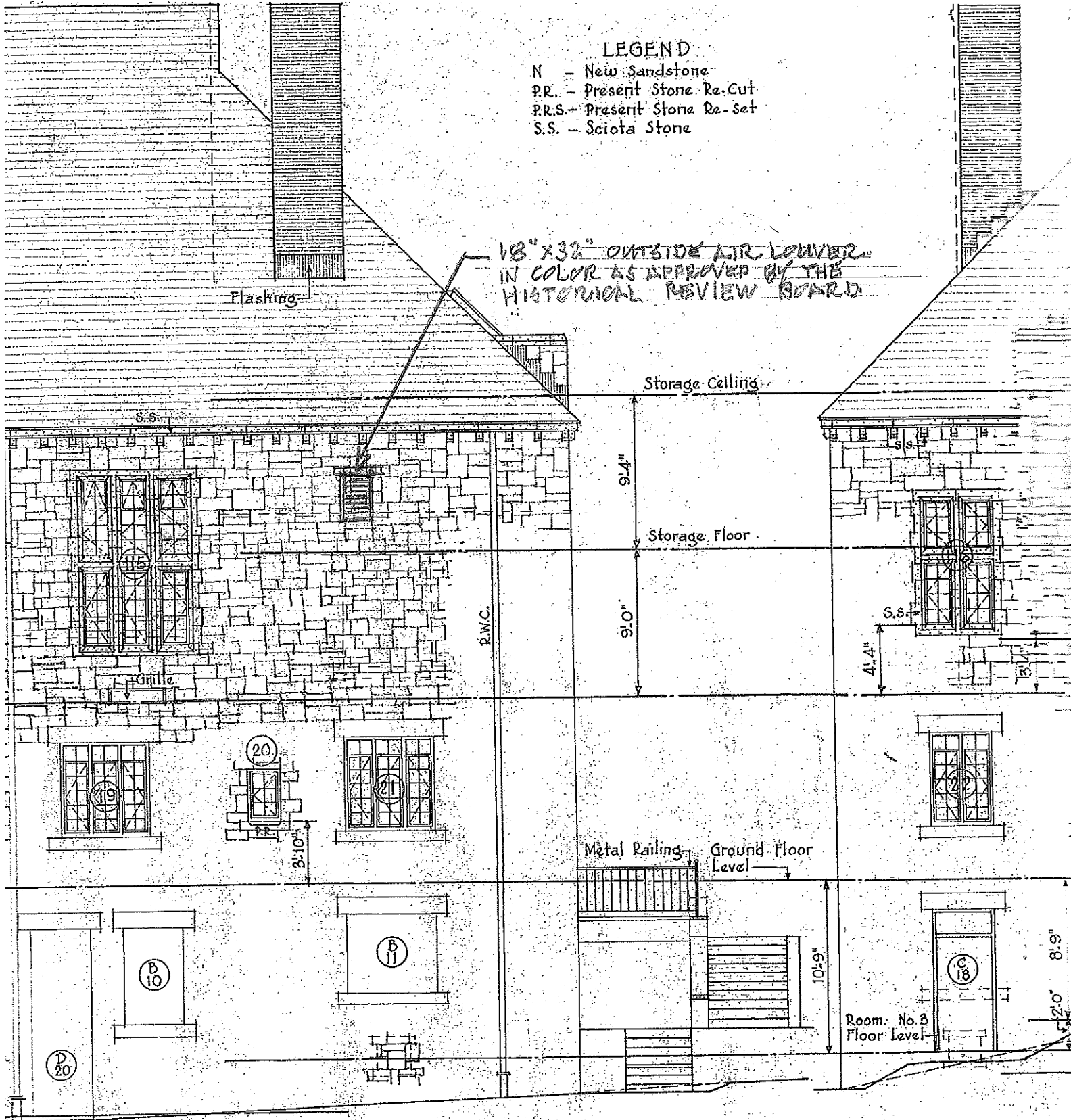
18'x32" OUTSIDE AIR
LOUVER



VIEW FROM SHAYNE ST. IS JENNY'S MORN MAIN

LEGEND

N - New Sandstone
 P.R. - Present Stone Re-Cut
 P.R.S. - Present Stone Re-Set
 S.S. - Sciota Stone



EAST ELEVATION

SCALE: 1" = 1/8"

NORTH ELEV.

NOTES

All new stone work shown
 jointed

#1 SAYRE HALL CIA LAVER
 5/12/21



PARTIAL EAST ELEVATION

#1 SAYRE HALL O/A LOUVER
5/12/21



EX EXHAUST AIR LOUVER IN
EAST WALL

#1 SAYRE HALL O/A LOUVER
5/12/21



18" X 32" OUTSIDE AIR LOUVER
PROPOSED TO BE INSTALLED IN THE
EAST ELEVATION, COLOR AS
SELECTED BY THE HISTORICAL
REVIEW BOARD

#1 SAYRE HALL O/A LOUVER
5/12/21

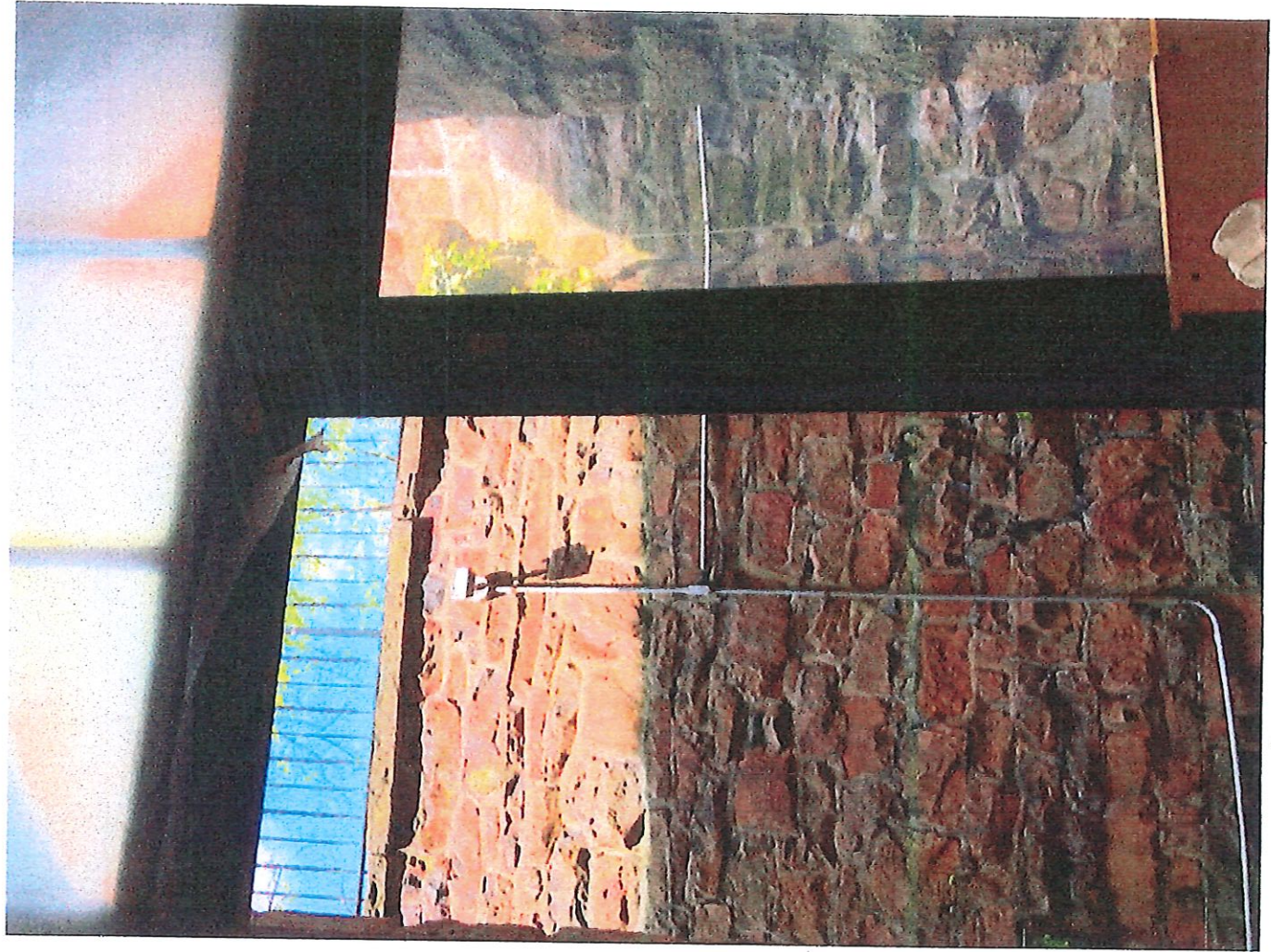


REMOVE EX TRANSON. INSTALL 58" X 14"
 O/LA LONVER PAINTED IN CORN. TO
 MATCH ADJACENT TRIM. PROVIDE
 MODIFIED GLASS TRANSON.

#2 CATHEDRAL CHURCH O/LA LONVER
 5/12/21



THE TOP OF THE LOWER WALL
IS APPROX. 2'-3" FROM SIDEWALK



#2 CATHEDRAL CHURCH
12/14/15 JANUARY 9/10
0/10 LOWER 5/10/12

5/12/21
#2 CATHEDRAL CHURCH
O/A LOWER

⊗ INSTALL A 2 POSITION 2-WAY CONTROL VALVE ON THE HWS PIPING BETWEEN THE SHUT OFF VALVE AND THE U.H. INSULATE EXPOSED PIPING. VALVE SHALL OPEN ON A CALL FOR HEAT.

PROVIDE AUXILIARY DRAIN PAN WITH MOISTURE DETECTOR. DETECTOR SHALL DE-ENERGIZE UNIT UPON SENSING MOISTURE.

REPLACE EX. DC-2 WITH NEW DC-12 HOT WATER DUCT COIL.

REMOVE EX. TRANSOM WINDOW. INSTALL 58x14 LEVER. PROVIDE REINFORCED GLASS REMAINING OPENING

CONNECT TO EX. RA

ATC DAMPER

REMOVE EX. ATC PANEL

EX. 30 W/ FD,
EX. 28 W/ FD,

EX. 1 HWR FROI

TO I UI

EX. 18x12 S/A

EX. 30x14 S/A

EX. 44x14 S/A

EX. 58x26 S/A

EX. LAY-IN CEILING

THRIFT SHOP

SUSPEND A/C UNIT FROM STRUCTURE

REPLACE EX. FITTING & DRAIN VALVE AT BASE OF UH.

EX. UH

EX. 1" HWS & HWR DN. TO SUB BASEMENT

EX. 22x12 S/A BELOW

EX. 32x18 R/A

F.C.

AC 2

F.C.

18x18

18x18 R/A DN.

CUT HOLE IN WALL BETWEEN THRIFT SHOP AND CHOIR ROOM. RUN DUCT TIGHT TO BOTTOM OF WOOD BEAM. (TYP. FOR 14x6 S/A DUCTS & 38x7 R/A DUCT.)

EX. 26x18 S/A

EX. 22x16 S/A

VERIF FLOW IS 8.0 REBAL REQUI

EX. 1" HWS & HWR

18x14 S/A
RS-RL
SLOPE

14x6 S/A

RISE

RISE

STUB 38x7 R/A INTO 39x10 R/A

39x10 R/A

REPLACE EX. PNEUMATIC WALL THERMOSTAT WITH DDC THERMIST CAPABLE OF CONTROLLING BOTH HEATING AND COOLING.

(EX. LAY-IN CEILING)

ROBE ROOM

EQUAL SPLIT

EX. 48x12

EX. 48x6

EX. 48x12

EX. 24x14 S/A

REPLACE EX. CABINET CH-3. PROVIDE VALVIN DETAIL ON DRAWING TO EX. 3/4" HWS & HWR TO 3 GPM.

EX. A1

EX. A1

DF RC

EX. 2 AND FROM

CHOIR ROOM

(PLASTER CEILING)

TO EX. CV-2A & 2B 300 CFM

17

300 CFM

EX. 20x12 S/A

EX. 42x6 S/A

EX. 40x12 S/A

EX. 88x6 S/A

EX. 88x12 S/A

EX. 24x14 S/A

TO EX. CV-1 &

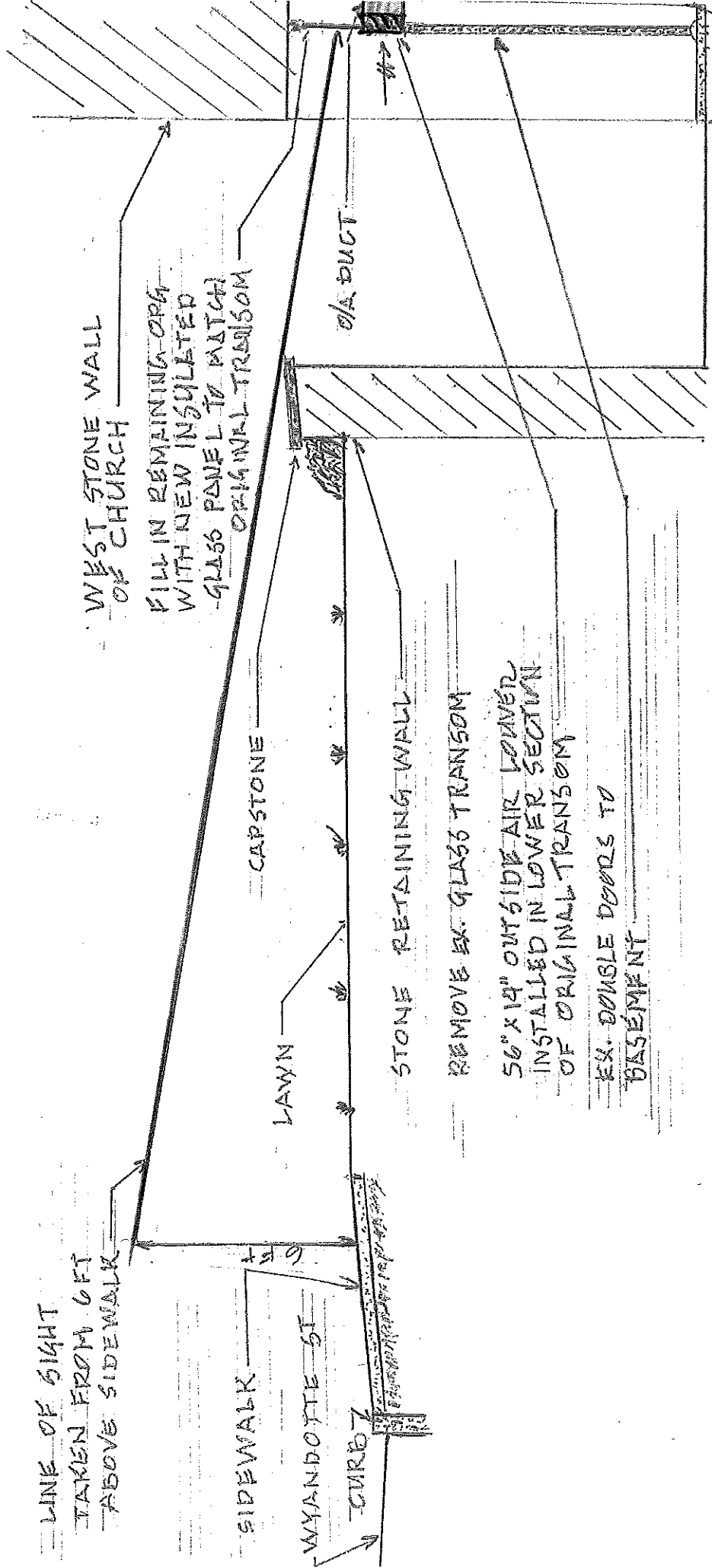
WOMEN

4.0 GPM*

1.3 GPM*

TO EX. CV-3

SHEET



LINE OF SIGHT FROM WYANDOTTE ST.

SCALE: 1/4" = 1'-0"

#2 CATHEDRAL CHURCH
O/A LOUVER 5/12/21



*2 CATHEDRAL
CHURCH O/A LAVER
5/12/21

LOOKING EAST FROM SIDEWALK - WYANDOTTE ST.
(CAMERA SHOT FROM 6' ABOVE SIDEWALK)



PHOTO FROM SIDEWALK - WEST SIDE OF WYANDOTTE ST
#2 CATHEDRAL CHURCH - O/A LOWER 5/2/21