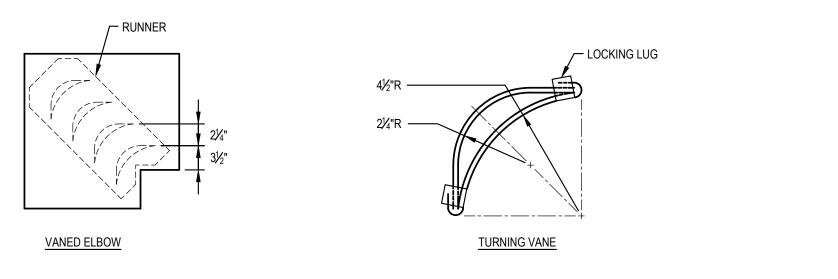


PROGRESS INSPECTIONS IN ACCORDANCE WITH NYS BLDG. CODE. 2. DAMPERS SHALL COMPLY WITH THE NYS MECHANICAL CODE.

## HORIZONTAL FIRE DAMPER DETAIL

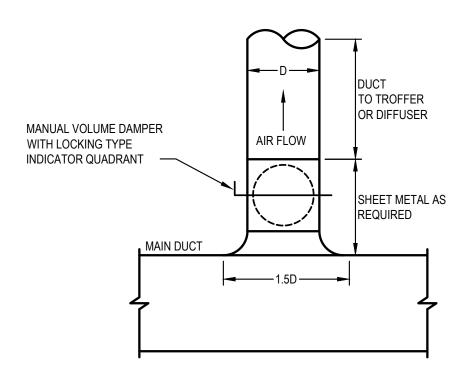


### NOTES:

- 1. LOCKING LUGS INTERNAL WITH VANE.
- 2. MAXIMUM UNSUPPORTED VANE LENGTH 48".
- 3. RUNNER BOLTED OR RIVETED TO ELBOW.
- 4. VANES SHALL BE SECURELY FASTENED TO RUNNER.
- 5. VANES AND RUNNER SAME GAUGE AS ELBOW.
- 6. FOR DUCTS WITH EQUAL INLET AND OUTLET DIMENSIONS.

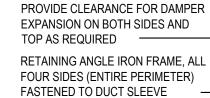
# DOUBLE THICKNESS TURNING VANES

## FOR SQUARE ELBOWS



## CIRCULAR BRANCH CONNECTION TO SINGLE OUTLET

NOTES: 1. FANS AND CURBS SHALL BE FROM THE SAME MANUFACTURER. 2. INSTALL WITH CURB HEIGHT SUCH THAT A DISTANCE OF 18" BETWEEN THE DISCHARGE APRON AND FINISHED ROOF IS MAINTAINED. SQUARE CURB AS REQUIRED FOR LEVEL INSTALLATION.



MANUFACTURER FURNISHED SLEEVE SEAL ALL S-JOINTS AT BREAKAWAY CONNECTIONS -

FUSIBLE LINK ------

FIRE DAMPER FRAME FACTORY MOUNTED IN SLEEVE

BREAKAWAY CONNECTION (TYP) FASTEN FIRE DAMPER FRAME TO SLEEVE -----

### NOTES:

- 1. DAMPER TO BE UL 555 LABELED AND NFPA 90A APPROVED.
- 2. UL LISTED INSTALLATION DETAILS TO BE PART OF SUBMISSION OF FIRE DAMPER FOR APPROVAL, WHICH SHALL MEET NFPA STANDARD 90A.
- 3. DETAILS SHOWN ARE FOR FIRE DAMPERS IN HORIZONTAL DUCTWORK, FOR DAMPERS IN VERTICAL DUCTWORK, DETAILS SIMILAR EXCEPT DAMPERS ARE TO BE SPRING LOADED.
- 4. ACCESS DOOR IS SHOWN IN SIDE OF DUCT; IF FUSIBLE LINK IS MORE ACCESSIBLE FROM BOTTOM OF DUCT RELOCATE ACCESS DOOR.

LOUVER (BY GENERAL

MOTOR OUT OF AIRSTREAM

VIBRATION ELIMINATOR -----

NON-FERROUS FASTENER TO PERMIT DOME REMOVAL FOR

ELECTRICAL CONDUIT GUIDE

SECURE FAN TO CURB WITH

FOAM RUBBER GASKET

APPLIED TO UNDERSIDE

OF FAN CURB CAP

WOOD NAILER -----

COUNTER FLASHING

CAULK SEALANT

ROOF MEMBRANE (BY GC) \_\_\_\_\_

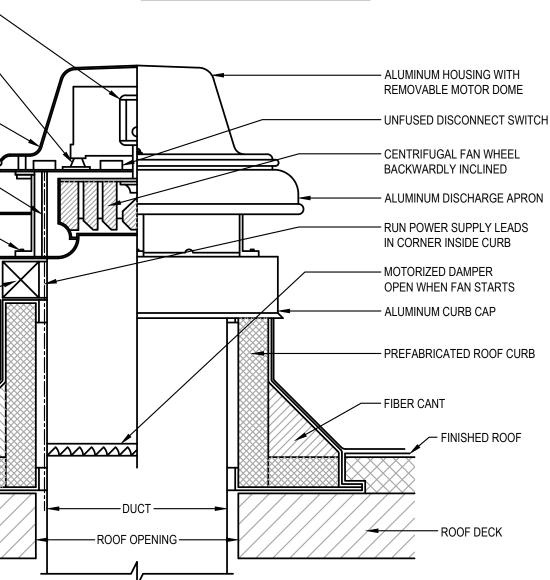
INSULATION

S/M SCREWS 12"OC ALL AROUND

ACCESS TO MOTOR -----

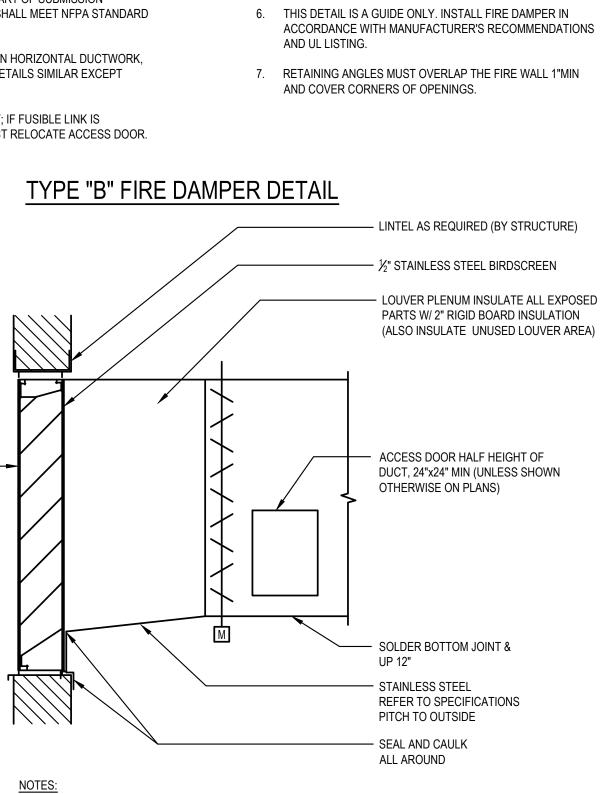
CONTRACTOR) \_

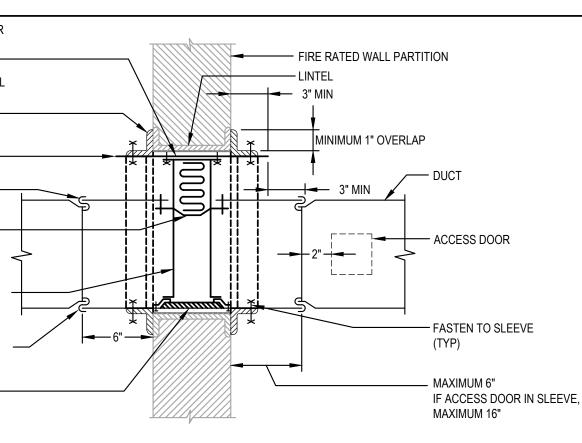
# **ROOF EXHAUST FAN**



# LOUVER CONNECTION

- 3. SEAL AND CONNECT PER MANUFACTURERS RECOMMENDATIONS.
- 2. REFER TO ARCHITECT FOR LOUVER SPECIFICATIONS.
- 1. G.C. TO PROVIDE ALL REQUIRED STEEL TO SUPPORT LOUVER IN WINDOW OPENING (IF APPLICABLE).





5. UL APPROVED BREAKWAY SLIP JOINT CONNECTION

SHALL BE USED.

Description Date ISSUED FOR BID 1/03/23 SPRING VALLEY SPRING VALLEY POLICE LOCKER UPGRADES 0 And Control of Control Ó. DRAWING TITLE MECHANICAL DETAILS DRAWING NO. M-600.00 ISSUE DATE: SEAL & SIGNATURE 9-27-23 CALE: DWG BY: DWN CHK BY: JOB NUMBER 23025-00



Berg+Mos

BERG + MOSS ARCHITECTS PC

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