

Zeigler Infiniti | Orland Park, IL
LINDENGROUP ARCHITECTS

Variance Request for specified areas of building façade to remain as a steel stud frame back-up

Original Design:		<u>% of envelope</u>
1. Façade Areas with either Glass and Frames, man-doors or Overhead Doors=	4,102 SF	27.0%
2. Façade Areas with either exposed CMU or CMU back-up to ACM EIFS=	8,843 SF	58.3%
3. Façade Areas with insulated Metal Stud Back-up for ACM EIFS=	2,221 SF	14.7%
Total Thermal Envelope=		15,166 SF 100%

Note: Total Opaque Wall envelope (without glass and openings) = 8,843 + 2221 = 11,064 or 73% of Façade

Proposed Façade Areas to be changed and re-engineered to CMU back-up in lieu of Metal Stud Back-up and Variance Request:

		<u>% of envelope</u>
1. Façade Areas with either Glass and Frames, man-doors or Overhead Doors=	4,102 SF	27.0%
2. Façade Areas with either exposed CMU or CMU back-up to ACM EIFS=	8,843 SF	58.3%
3. Façade Areas to remain with insulated Metal Stud Back-up for ACM EIFS=	1,461.7 SF	9.6%
4. Changed Façade Areas with CMU Back-up in lieu of original metal studs	759.3 SF	5.1%
Total Thermal Envelope=		15,166 SF 100%

Variance Request is for 9.6% of the total exterior wall surface of the building to remain as steel stud frame

REFER TO EXHIBIT "A" ATTACHED