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1. B R I C K C O N S T R U C T I O N D E T A I L S 3. Nothing tops the strength, stability andtimelessness of brick construction. And noone tops Endicott for brick manufacturing.Mineral-rich clays help create the beautifulaesthetics that go into every brick, and avariety of colors make a bold statementwhile meeting design intent. Designedfor year-round commercial, residential andremodeling applications, Endicott brick isthe choice for stunning, strong projects.M A G N I F Y D E S I G N I M P A C T W I T H B R I C K C O N S T R U C T I O N 4. BRICK VENEER WALL BRICK VENEER WALLBRICK VENEER WALLBRICK VENEEROPEN HEADJOINT WEEPHOLES 24" CENTERSWICK WEEPHOLES 16" CENTERS1/2" CEMENT PARGINGBITUMINOUS WATER PROOFINGWALL BASE FLASHINGPROJECT FLASHING 12"22-GUAGE GALVANIZEDCORRUGATED METAL TIE EVERY STUD HORIZONTALLY EVERY 24" VERTICALLY8d NAILAIR SPACE1" (25mm)OR8MINRISE4MINLAPGYPSUM BOARDWOOD STUDS @ 16"CENTERS HORIZONTALLYSHEATHINGINSULATIONFOUNDATION WALLFULL COLLAR JOINTANCHOR BOLTSILL PLATEHEADERFLOOR JOISTSOLE PLATESUB FLOORWEATHER RESISTANT MEMBRANE(15# BUILDING FELT)BASE OF WALL DETAILBRICK VENEERWEEP-VENTS AT 2ND COURSE FORAIR CIRCULATION RECOMMENDEDADDITIONAL WEEP VENTINSERTS RECOMMENDEDWEEPS INTEGRAL TO DRAINAGEFLASHING SYSTEMAIR/MOISTURE/VAPORBARRIER AS REQUIREDHORIZONTAL JOINT REINFORCEMENTW/ EYE & PINTLE WALL TIES @ 16" O. C.CONCRETE MASONRYBACKUPDRAINAGE FLASHING SYSTEMGROUT & REINFORCEMENT AS REQUIRED2" AIR SPACE RECOMMENDED:1" MIN. REQD FOR DRAINAGE WALLSCHIMNEY CAP DETAILS 5. ANCHOR BOLTFINISHED GRADEBRICK VENEERFLASHINGCORRUGATED METAL TIEWEEPHOLES@ 24" (600mm) O.C.AIR SPACE1" (25mm)8d NAILWALLBOARDANCHOR BOLTGORBELED BRICKINSULATIONSHEATHINGG BUILDING PAPERBRICK VENCORRUGMETATAIR SP1" (2CONCRGRADE BFULL COLLAR JFINISHED GRFLASHWEEPHO@ 24" (600mmB R I C K C O N S T R U C T I O N D E T A I L STYPICAL FOUNDATION DETAILS 6. FOUNDATION DETAILLASHINGUGATEDETAL TIER SPACE1" (25mm)8d NAILWALLBOARDANCHOR BOLTINSULATIONSHEATHINGG PAPERBRICK VENEERCORRUGATEDMETAL TIEAIR SPACE1" (25mm)SELF-TAPPINGCORROSION-RESISTANTMETAL SCREWMETAL STUDINSULATIONSHEATHINGBCONCRETEGRADE BEAMFULL COLLAR JOINTPERIMETERINSULATIONWALLBOARDFINISHED GRADEFLASHINGWEEPHOLES@ 24" (600mm) O.C.TYPICAL FOUNDATION DETAILS CONTINUED 7. A2" (50mm)FINISH GRADEBRICK VENEERFLASHINGCORRUGATEDMETAL TIEWEEPHOLES@ 24" (600mm) O.C.AIR SPACE1" (25mm)8d NAILWALLBOARDANCHOR BOLTGORBELED BRICKINSULATIONSHEATHINGCBUILDING PAPERBCONCRETEGRADE BEAMPERIMEINSULAB R I C K C O N S T R U C T I O N D E T A I L STYPICAL FOUNDATION DETAILS CONTINUED 8. ) O.C.) O.C.M WALLBOARDmM WALLBOARDmJUDmm X 100mm)RICK CONSTRUCTION DETAILSEALANTFLUE LINERBOND BREAKMINIMUMOVERHANG2-1/2" (65mm)MINIMUM42" (50mm)FLASHINGMINIMUMAIR SPACE1" 25mm)THICK BRICK VENEERNOMINAL 4" (100mm)GALVANIZED ROOFING NAIL1-3/4" (45mm)8d NAIL20 GUAGE GALVANIZEDCORRUGATED METAL TIEVERY 6TH COURSEAIR SPACE1" (25mm)8d NAIL8" (200mm) O.C.6d NAIL8" (200mm) O.C.GYPSUM WALLBOARD5/8" (16mm)GYPSUM WALLBOARD5/8" (16mm)WOOD STUD2" x 4" (50mm X 100mm)BRICK CONSTRUCTION DETAILGYPSUM SHEATHING1/2" (13mm)SEALANTFLUE LINERFLASHINGMINIMUMAIR SPAC1" 25mmFIRE RESISTANCECHIMNEY CAP DETAILS 9. B R I C K C O N S T R U C T I O N D E T A I L STYPICAL SECTION AND FLASHING DETAILSTYPICAL SECTION AND FLASHING DETAIL2" (50mm) MINIMUMREINFORCEMENTCOUNTER FLASHINGBASE FLASHINGSEALANTCOMPRESSIBLEMATERIALDRIPTAB 10. LINTEL DETAILBRICK VENEERBRICK VENEERFLASHING FLASHINGCAULKING ORSEALANTWEEPHOLES24" (600mm) O.C.REINFORCEMENTINSULATIONSTEEL ANGLE LINTELCAULKING OR SEALANTWEEPHOLES24" (600mm) O.C.LINTEL DETAILBRICK VENEERFLASHINGINSULATIONSTEEL ANGLE LINTELCAULKING OR SEALANTWEEPHOLES24" (600mm) O.C.INSULATIONWALLBOARDWOOD HEADSHEATHINGTYPICAL LINTEL DETAILS 11. B R I C K C O N S T R U C T I O N D E T A I L SJAMB DETAILCORRUGATEDMETAL TIEBUILDING PAPERMETAL WIRE TIECAULKING ORSEALANTAIR SPACE1" (25mm)WOOD STUD8d NAILSHEATHINGWALLBOARDBUILDING PAPERSHEATHINGAIR SPACE1" (25mm)CAULKING ORSEALANTJAMB DETAILMETAL WIRE TIEWOOD STUDMETAL STUDSMETAL CASEMENTWINDOWSELF-TAPPINGCORROSION-RESISTANTMETAL SCREWd NAILHEATHINGALLBOARDWALLBOARDBUILDING PAPERSHEATHINGAIR SPACE1" (25mm)CAULKING ORSEALANTTYPICAL JAMB DETAILS 12. SILL DETAILCAULKINGOR SEALANTFLASHINGINSULATIONDOUBLE HUNGWOOD WINDOWWEEPHOLES24" (600mm) O.C.CAULKIOR SEALAFLASHBRICK SWEEPHOL24" (600mm)METAL WIRESELL DETAILINSULATIONDOUBLE HUNGWOOD WINDOW CAULKINGOR SEALANTFLASHINGBRICK SILLSELF-TAPPINGCORROSION-RESISTANTMETAL SCREWWOOD STOOLCHANNELWEEPHOLES24" (600mm) O.C.METAL WIRE TIEETYPICAL SILL DETAILS 13. B R I C K C O N S T R U C T I O N D E T A I L SBRICK VENEERCORRUGATEDMETAL TIEAIR SPACE1" (25mm)MIN. AIR SPACE1/8" (3.2mm)DOVETAIL ANCHORFLEXIBLE ANCHOR1/4" (6mm)8d NAILWALLBOARDWOOD PLATEINSULATIONSHEATHINGEAVE DETAILBUILDING PAPERANGLE WELDEDTO BEAMCAULKING OR SEALANTMINIMUM AIR SPACE1/8" (3.2mm)BRICK VENEERMETAL WIRE TIEBUILDING PAPERAIR SPACE1" (25mm)SHEATHINGROOFINGDOVETAIL ANCHORFLEXIBLE ANCHOR1/4" (6mm)ROOFINGEAVE DETAILCHANNELSELF-TAPPING CORROSION-RESISTANT METAL SCREWINSULATIONWALLBOARDANGLE WELDEDTO BEAMCAULKING OR SEALANTMINIMUM AIR SPACE1/8" (3.2mm)BRICK VENEERMETAL WIRE TIEBUILDING PAPERAIR SPACE1" (25mm)SHEATHINGTYPICAL EAVE DETAILS 14. TYPICAL BRICK MASONRY MORTAR JOINTSBRICK MASONRY MORTAR JOINTSCONCAVESEVERE WEATHERINGVSEVERE WEATHERINGGRAPEVINESEVERE WEATHERINGWEATHEREDMODERATE WEATHERINGBEADEDMODERATE WEATHERINGSTRUCK\*MODERATE WEATHERINGFLUSH\*NEGLIGIBLE WEATHERINGRAKED\*NEGLIGIBLE WEATHERINGEXTRUDED\*NEGLIGIBLE WEATHERINGNOTE: Endicott Clay Products does not recommend Struck, Flush, Raked or Extruded mortar joints.\* NOTE: Endicott Clay Products does not recommend Struck, Flush, Raked or Extruded mortar joints. 15. B R I C K C O N S T R U C T I O N D E T A I L STYPICAL TIES FOR BRICK VENEEREMPIRICAL HEIGHT LIMITATIONS FOR BRICK VENEERWEATHERING REGIONSEndicott recommended weatheringindexes in the United StatesWEATHERING REGIONSSEVERE WEATHERINGMODERATE WEATHERINGNEGLIGIBLE WEATHERINGSevere WeatheringModerate WeatheringNegligible Weatheringa Used to attach brick veneer to wood frame backdroph Used to attach brick veneer to metal studsc Same as (b)d Used to attach brick veneer to structural steele Used to attach brick veneer to concrete backupf Same as (e)g Used to attach brick veneer to masonry backuph Same as (glabdehfgcBRICK VENEER TIES 16. Endicott Clay Products CompanyP.O. Box 17Fairbury, Nebraska USA 68352402-729-3315 FAX: 402-729-5804EndicottThin Brick &Tile, LLCP.O. Box 645Fairbury, Nebraska USA 68352402-729-3323 FAX: 402-729-5804endicott.comIn 1920, rich mineral deposits werediscovered in Jefferson County, Nebraska.These rich minerals help give Endicottbrick their unmatched color and sheen.Across North America, Endicottscollection of face brick, pavers, tile, thinbrick and special shapes are setting thesolid world in motion.For other literature, samples and the name ofyour nearest distributor, contact Endicott today.END-BCB-0517Moody Center for the ArtsRice UniversityColor: Manganese IronspotTexture: SmoothSize: NormanLocation: Houston,TX 0 ratings0% found this document useful (0 votes)171 viewsHollow clay masonry units, also known as thru-wall brick, are an economical alternative to solid brick that allows for reinforcement and insulation. They are manufactured to meet industry stSaveSave Endicott Brick For Later0%0% found this document useful, undefined

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