Facing the Storm

When properly designed, detailed, and constructed, structural steel offers an excellent solution for buildings subjected to high hurricane winds.

md D_armpw Ksrs_j _lb-mp Slbcpupgrcpq J_`mp_rmpw* ufgaf amlr_gl qrpgar esgbc+ jglcq dmp nspjgl qn_agle _lb npmncp _rr_af+ kclr rm pcqgqr rfc pmmd snjgdr dmpacq dpmk fsppga_lcq,

The Building Envelope

Ufgjc npmncp bcqgel md rfc KUDPQ gq cqqclrg_j rm emmb ncpdmpk_lac md rfc `sgjb+ gle qrpsarspc bspgle nmucpdsj esjd am_qr qrmpkq* npmrcargml md rfc `sgjbgle cltcjmnc gq cos_jjw apgrga_j _lb amlqgbcp_`jw kmpc npm`jck_rga, Cvncpgclac dpmk m`qcpt_+ rgml md `sgjbgle b_k_ec dpmk rfcqc qrmpkq qfmuq kmqr b_k_ec maaspq `ca_sqc qmkc nmprgml md rfc `sgjbgle cltcjmnc f_q `ccl `pc_afcb, Rfcpc _pc qctcp_j a_sqcq dmp rfgq, ?rr_afkclr md rfc pmmd bcai f_q _jpc_bw `ccl kclrgmlcb* `sr mrfcp cjckclrq* qsaf _q npmncp _bfcpclac md rfc pmmd kck+ `p_lc* ğ_qfgle* esrrcpq* n_p_ncrq* uglbmuq* bmmpq* pmmdrmn tclrq* pmmdrmn cosgnkclr* _lb mrfcp nmprgmlq md rfc cvrcpgmp aj_b+ bgle* _pc cos_jjw apgrga_j rm npmrcargle rfc `sgjbgle dpmk b_k_ec, Rfcqc _rr_afkclr bcr_gjq _pc _jj rmm mdrcl nmmpjw amlacgtcb gl rfc bcqgel nf_qc _lb umcdsjjw cvcasrcb gl rfc amlqrpsargml qr_ec* jc_bgle rm d_gjspc _lb `pc_af md rfc `sgjbgle cltcjmnc, K_lw nmqr+fsppga_lc _qqcqqkclrq pctc_j rf_r rfc KUDPQ pck_glq slb_k_ecb `sr cvrpckc jmqqcq _pc glasppcb bsc rm uglb _lb u_rcp glĞjrp_rgml,

Pcamelgxgle rfcqc pgqi d_armpq* _ `sgjb+ gle bcqgel rc_k umsjb `c ucjj _btgqcb rm amlqgbcp rfc dmjjmugle npca_srgml_pw qrcnq gl bcqgelgle _ `sgjbgle cltcjmnc dmp fsppga_lcq8

1. Bcqgel _jj nmprgmlq md rfc `sgjbgle cltcjmnc dmp amknmlclr+_lb+aj_bbgle dmpacq amlr_glcb gl ?QAC 5+.3, Ctcl `crrcp* slbcpem _ uglb rsllcj qrsbw ml apgrga_j npmhcarq ufcpc rfc `sbecr a_l _ddmpb gr, Uglb rsllcj qrsbgcq _pc ilmul rm `c kmpc _aasp_rc gl npcbgar+ gle rfc k_elgrsbc _lb bgqrpg`srgml md fsppga_lc uglb npcqqspcq rf_l rfc _l_+ jwrga_j kcrfmb gl rfc qr_lb_pb,
2. Npmncpjw bcr_gj _jj cjckclrq md rfc `sgjb+ gle cltcjmnc rm pcqgqr rfcqc dmpacq, Rfgq r_icq _l cvncpgclacb _pafgrcar _lb aj_b+ bgle bcqgelcp d_kgjg_p ugrf bcr_gjgle dmp fsppga_lcq, ?rr_afkclr pcosgpckclrq qseecqrcb mp pcosgpcb `w D_armpw Ksrs_j _lb Slbcpupgrcpq J_`mp_rmpw qfmsjb `c dmjjmucb ufcpc esgb_lac cvgqrq dmp rfc amlqgbcpcb k_rcpg_jq, Qmspacq md gldmp+ k_rgml a_l `c dmslb gl rfc D_armpw Ksrs_j *Research Approval Guide* _lb rfc DKPA B_r_ Qfccr G+06* §Uglb Jm_bq rm Pmmd Qwqrckq _lb Pmmd Bcai Qcaspc+ kclr,³ Gldmpk_rgml a_l _jqm `c dmslb gl rfc SJ ns`jga_rgml *Roofing Systems and Materials Directory*,
3. Amlqgbcp cle_egle rfc qcptgacq md _ aj_bbgle _lb-mp pmmĞle amlqsjr_lr cvncpgclacb gl rfc bcqgel _lb glqr_jj_+ rgml md `sgjbgle cltcjmnc amknmlclrq _lb qwqrckq,
4. Amlqgbcp ncpdmpkgle _ dsjj+qa_jc aj_b+ bgle rcqr gl _ pcamelgxcb rcqrgle d_agj+ grw ml gknmpr_lr npmhcarq, Esgbcjglcq dmp qsaf rcqrgle a_l `c dmslb gl ns`+ jga_rgmlq `w rfc L_rgml_j ?qqmag_rgml md ?pafgrcarsp_j Kcr_jq K_lsd_arspcpq &L??KK', Md n_prgasj_p glrcpcqr _pc md = ℵ ℮