PROJ. NO. METAL BUILDING SPECIFICATIONS WHEN DIAGONAL BRACING IS NOT PERMITTED IN THE SIDE WALL A RIGID FRAME TYPE PORTAL , OR FIXED BASE COLUMNS MUST BE USE. WIND GENERA BRACING IN THE ROOF AND/OR WALLS NEED NOT TO BE FURNISHED WHERE IT CAN BE SHOWN THAT THE DIAPHRAGM STRENGTH OF THE ROOF AND/OR B.D.J. DRAWN | JRAPPED FOR IHR WRAPPED FOR IHR RATING SEE X528 RATING SEE X528 WALL COVERING IS ADEQUATE TO RESIST THE APPLIED WIND LOADS. THIS SPECIFICATIONS CONCERNS THE MANUFACTURE OF, AND THE 6'-6" , 6'-0" 11'-10' 12'-**0'** 8'-7**"** <u>3'-0', 4'-0'</u> 5/24/02 GYP. BOARD GYP. BOARD CONSTRUCTION DETAILS FOR METAL BUILDINGS DESIGNED AND CONSTRUCTED TO BE WEATHER TIGHT AND EASILY ERECTED. THE BUILDING SHALL THE INSIDE FLANGES OF ALL RIGID FRAMES SHALL BE BRACED LATERALLY BY ANGLES CONNECTED TO THE FLANGE AND WEB TO THE FRAME AND TO THE INCLUDE THE STRUCTURAL FRAMING, ROOF AND WALL COVERING, TRIM AND CLOSURES, AND ACCESSORIES HEREIN DESCRIBED SHECKED J.P.T WEB OF THE PURLIN OR GIRT SO THAT THE ALLOWABLE COMPRESSIVE STRESS IS ADEQUATE FOR ANY COMBINATION OF LOADING. TYP. TS. 5'x5'x1/2' TYP. TS. 5'x5'x1/2' BUILDING DESCRIPTION REVISIONS THE BUILDING SHALL BE THE DESIGN OF A MANUFACTURERS REGULARLY A CONTINUOUS MEMBER SHALL BE PROVIDED TO WHICH THE BASE OF THE WALL COVERING MAY BE ATTACHED. THIS MEMBER SHALL BE A-14 GAGE DATE BY CONFORMING TO THE RECOMMENDATIONS OF THE MBMA MANUAL -5/8' METAL STUDS 1-5/8" METAL STUDS SEE DETAILS ON THE MANUFACTURER SHALL HAVE BEEN IN THE SYSTEMS BUILDING BUSINESS GALVANIZED PAINTED BROWN BASE TRIM SECURED TO THE CONCRETE FLOOR FOR FIFTEEN YEARS, AND SHALL BE A MEMBER OF THE METAL BUILDING ALL COLUMNS SHALL BE WITH PROVEN DRIVEN FASTENERS OR EQUIVALENT ANCHORS. LL COLUMNS SHALL BE WINDOWS MANUFACTURERS ASSOCIATION (MBMA). RAPPED FOR IHR RAPPED FOR IHR THE FOLLOWING METAL BUILDING MANUFACTURERS ARE ACCEPTABLE: STRUCTURAL FRAMING MEMBERS OF ALL OPENINGS SHALL BE ADEQUATE FOR -A45 BUILDING SYSTEMS, INC. -AMERICAN BUILDINGS COMPANY THE SPECIFIED DESIGN WIND LOADS SEE DETAILS ON LONGITUDE OR TRANSVERSE EXPANSION JOINTS SHALL BE PROVIDED TO BUTLER MANUFACTURING COMPANY CECO BUILDING SYSTEMS ALLOW FOR THE AFFECTS OF TEMPERATURE INDUCED CONTRACTION OR 'P. IHR. COL. DETAILS TYP. IHR. COL. DETAILS LEADER DOWN ISTAIR # -DEAN STEEL BUILDINGS, INC BREAKROOM EXPANSION ALL ROOF AND WALL ASSEMBLAGES, THE JOINT SHALL BE FROM ROOF DRAIN -KIRBY BUILDING SYSTEMS FLASHED AND COUNTER-FLASHED TO INSURE WEATHER TIGHTNESS. -VARCO-PRUDEN BUILDINGS, INC -WHIRLWIND BUILDING SYSTEMS ALL STRUCTURAL FRAMING MEMBERS WHICH ARE NOT GALVANIZED SHALL BE CONF OTHER METAL BUILDING MANUFACTURERS MAY BE CONSIDERED, PROVIDED CLEANED TO REMOVE ALL DIRT, GREASE, OIL AND LOOSE MILL SCALE AND GIVEN ONE SHOP COAT OF IRON OXIDE PRIMER FORMULATED TO MEET OR THAT THEY MEET ALL SECTIONS OF THIS SPECIFICATION, AND THEY ARE APPROVED IN WRITING BY THE ARCHITECT. EXCEED THE PERFORMANCE REQUIREMENTS OF FEDERAL SPECIFICATIONS TO PAINTED GYP. BUILDING NOMENCLATURE - 18" x 30" MIRROR ROOF AND WALLS THE BUILDING 'WIDTH AND LENGTH' SHALL BE MEASURED FROM INSIDE TO INSIDE FACE OF THE WALL COVERING. +1HR:CMU-36' GRAB BAR THE BUILDING 'EAVE HEIGHT' SHALL BE MEASURED FROM THE BOTTOM OF THE BASE PLATE OF THE RIGID FRAME COLUMNS TO THE INTERSECTING OF LINES REPRESENTING THE INSIDE OF THE WALL COVERING AND THE INSIDE STANDARD ROOF, WALL. LINER AND PARTITION PANELS SHALL BE 26 GAGE - SOAP HOLDER UNPAINTED GALVALUME (TM) OR 26 GAGE COLOR COATED GALVANIZED COLD-TISSUE HOLDER MATERIAL FOR 26 GAGE PANELS SHALL BE GALVALUME (TM) STEEL (80,000 PSI YIELD) OR COLOR COATED GALVANIZED STEEL (80,000 PSI YIELD) THE 'ROOF 9LOPE' 9HALL BE THE ANGEL THAT THE ROOF SURFACE MAKES WITH THE HORIZONTAL, EXPRESSED IN THE UNITS OF THE VERTICAL RISE TO 12 UNITS OF HORIZONTAL RUN. STANDARD PANEL PROFILES SHOP DRAWINGS AND CERTIFICATIONS · 1HR. WALL WALL AND ROOF PANELS: 1 1/4" DEEP RIBS 12" ON CENTER WITH TWO 1/4" DEEP INTERMEDIATE STIFFENERS, 36" NET COVERAGE. THE BUILDING MANUFACTURER SHALL FURNISH COMPLETE CONSTRUCTION DETAILS SHOWING ANCHOR BOLT SIZES AND SETTINGS, SIDEWALLS, END WALLS AND ROOF FRAMING, TRANSVERSE CROSS-SECTIONS, COVERING 3 - H.C SOFFIT PANELS: 1 1/4" DEEP RIBS 12" ON CENTER WITH TWO 1/4" DEEP INTERMEDIATE STIFFENERS, 36" NET COVERAGE. SCALE: 1/4" = 1'-@" IHR WALL AND FLASHING DETAILS TO CLEARLY INDICATE THE PROPER ASSEMBLY OF UL U419 ALL BUILDING PARTS. THESE DRAWINGS SHALL BE PRODUCED UNDER DIRECT SUPERVISION OF A FLORIDA REGISTERED STRUCTURAL ENGINEER WHOM PAINTED GYP. BOARD ALL SELE-TAPPING FASTENERS SHALL CONFORM TO USASBIS 6.4 AND SHALL SHALL SEAL EACH SHEET OF FOUR (4) SETS WHICH SHALL BE SUPPLIED TO HAVE TYPE A OR TYPE AB THREADS, ALL SELF-DRILLING FASTENERS SHALL CONFIRM TO IFIII3. WHERE REQUIRED FOR WEATHER TIGHTNESS, FASTENERS SHALL BE ASSEMBLED WITH 5/8' OD METAL AND NEOPRENE THE GENERAL CONTRACTOR FOR REVIEW AND APPROVAL. EQUAL SPACES (6) EQUAL SPACES CABINET W/ADJUSTABLE ·<u>-</u>+---+--+---ALL STRUCTURAL STEEL SECTIONS AND WELDED PLATE MEMBERS SHALL BE **キ===**キ===+==: DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF THE AISC, A. ALL FASTENERS SHALL BE PLATED TO MINIMUM THICKNESS OF DOOD. ALL WASHERS SHALL BE PLATED TO MINIMUM EQUAL TO G-90 PLAS, LAM, COUNTERTOP W/4" SPECIFICATIONS FOR THE DESIGN, FABRICATION, AND ERECTION OF STEEL FOR BUILDINGS" ALL COLD-FRAMED STRUCTURAL STEEL MEMBERS AND EXTERIOR COVERING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION AISI, B. EXTENDED CORROSION RESISTANT FASTENERS SHALL BE ZAC (TM) SUPPLIES "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL (ZINC-ALUMINUM CAST HEAD) WITH ALUMINUM AND NEOPRENE SEALING WASHERS. 43 2HR. LOAD -BEARING CMU WALL DESIGN LOADS CABINET W/DRAWERS 4 ADJUST. SHELVES THE FOLLOWING CRITERIA FOR LIVE LOADS AND WIND LOADS SHALL BE AFTER PLATING, ALL FASTENERS AND SEALING WASHERS SHALL RECEIVE A FOLLOWED IN THE DESIGN OF STANDARD BUILDING COMPONENTS IN ACCORDANCE WITH FLORIDA BUILDING CODE, 2001 EDITION WIND SHOP APPLICATION OS A BAKED-ON VINYL CO-POLYMER FINISH COATING. THE COLOR OF THE FINISH SHALL MATCH THE WALL, TRIM, AND/OR ROOF VERIFY 4 - BREAKROOM BAR VELOCITY OF 120 MPH, AND ROOF LIVE LOAD AS PER SECTION 1606. SCALE: 1/4" = 1'-@" SCALE: 1/4" = 1'-0' LIVE LOAD (PSF) TO PURLINS WIND LOAD BUILDING CODE TO FRAME APPLICABLE SEC 1606, SEALER FOR SIDELAPS, ENDLAPS, AND FLASHING SHALL BE POLYMER FBC 2001 120 MPH SEALANT IN EXTRIDED TAPE FORM. THE SEALER SHALL BE NON-SHRINKING, NON-DRYING, AND NON-TOXIC AND SHALL HAVE SUPERIOR ADHESION TO — SEAL AS SHOWN IN METALS, PLASTICS, AND PAINTED SURFACES, SERVICE RANGE TEMPERATURES FROM -30 DEGREES TO +300 DEGREES.TYPE II, CLASS B THE BUILDING SHALL BE DESIGNED TO THE LOAD COMBINATION SPECIFIED HW-D-0011 IN THE MBMA "LOW RISE BUILDING SYSTEM MANUAL", 1996 EDITION. ROOF LIVE LOADS SHALL BE APPLIED TO THE HORIZONTAL ROOF ROOF PANELS SHALL BE CONTINUOUS FROM RIDGE TO EAVE FOR BUILDINGS PROJECTION, WIND LOADS SHALL BE ASSUMED TO ACT HORIZONTALLY AND 60' WIDE OR LESS. WHERE ENDLAPS ARE REQUIRED THEY SHALL BE A SHALL BE APPLIED AS PRESSURE AND SUCTION IN ACCORDANCE WITH SECTION 1606 OF THE 2001 FLORIDA BUILDING CODE OR THE MBMA 'LOW 8' PRE-CAST CONC.— PLANKS (SEE STRUCT.) 8' PRE-CAST CONC.— PLANKS (SEE STRUCT.) 8' PRE-CAST CONC .-MINIMUM OF 6' LONG AND SHALL OCCUR AT A ROOF PURLIN. -SEAL TIGHT AS PLANKS (SEE STRUCT.) RISE BUILDING SYSTEMS MANUAL," 1986 EDITION. SIDE WALL AND ENDWALL PANELS SHALL BE CONTINUOUS FROM SILL TO ROOF LINE EXCEPT WHERE LENGTH BECOMES PROHIBITIVE FOR HANDLING PURPOSES, ENDWALL PANELS FOR BUILDING WITH 4:12 ROOF SLOPE SHALL DESIGNS SHALL INCLUDE THE BUILDING DEAD LOAD, THE ROOF LIVE LOAD, WIND AND SEISMIC LOAD IN ACCORDANCE TO FLORIDA BUILDING CODE SUSP. ACOUST CEILING -7 SUSP. ACOUST CEILING SUSP. ACOUST CEILING -PRETATION OF THE BUILDING CODE SPECIFIED, ADDITIONAL HAVE A SPLICE AT THE EAVE LINES. INSULATION INSULATION INSULATION COLLATERAL AND AUXILIARY LOADS SHALL BE INCLUDED WHEN SPECIFIED ENDWALL PANELS SHALL BE SQUARE CUT FOR BUILDINGS 1:12 ROOF SLOPE BY THE BUYER, OR AS INDICATED BY DRAWING. 9'-0' <u>XXXX</u> STRUCTURAL FRAMING BEFORE SECURING, ALL LAPS OF ROOF PANELS SHALL BE SEALED WITH A CONTINUOUS RIBBON OF TAPE SEALER. GENERAL 1/2" GYP, BOARD ON-ALL FRAMING MEMBERS SHALL BE SHOP FABRICATED FOR BOLTED FIELD STUDS @ 16' O.C. A. ROOF PANELS SHALL BE SECURED TO PURLINS WITH *14 SHEET METAL SCREWS AT A MINIMUM SPACING OF 12'. B. AT THE ENDLAPS OF RIB SHEETS THE MAXIMUM SPACING SHALL BE ON PRIMARY STRUCTURAL FRAMING SHALL INCLUDE THE TRANSVERSE RIGID FRAME, WING UNIT RAFTER BEAMS AND COLUMNS, BEARING AND FRAMES, EACH SIDE OF THE MAJOR RIB FOR RIB 12 PANELS.

C. SIDELAPS TO THE ROOF PANELS SHALL BE STITCHED THROUGH THE STOREFRONT END WALL COLUMNS AND WIND BRACING HIGH FLAT OF THE RIB WITH #14 SHEET METAL SCREWS AT A SECONDARY STRUCTURAL FRAMING SHALL INCLUDE THE PURLINS GIRTS, EAVE STRUTS, FLANGE BRACING, SILL SUPPORT, CLIPS AND OTHER MISCELLANEOUS STRUCTURAL PARTS. ANNULAR SPACE BETWEEN ROOF DECK & THE RATED MAXIMUM SPACING OF 12". WALLS SHALL BE LIMITED TO 3/8' & REQUIRE INTUMSCENT STANDARD WALL PANELS ALL HOT ROLLED STEEL SHEET, PLATE, AND STRIP FOR BUILT -UP SECTIONS SHALL HAVE A MINIMM YIELD POINT OF 55,000 PSI. HOT ROLLED STRUCTURAL SECTIONS SHALL CONFIRM TO THE REQUIREMENTS OF ASTM SPECIFICATION A-36. ALL COLD-FORMED SECTIONS "C" AND "Z" SHALL HAVE MINIMUM YIELD POINT OF 55,000 PSI. GALVANIZED SHEET FIRE CAULK TO SHALL EACH PENETRATION A. WALL PANELS SHALL BE SECURED TO GIRTS WITH \$4 SHEET METAL SCREWS AT A MAXIMUM SPACING OF 12". B. AT THE ENDLAPS OF RIB SHEETS THE MAXIMUM SPACING SHALL BE ON EACH SIDE OF THE MAJOR RIB FOR PANELS. AND STRIP FOR STRUCTURAL FRAMING MEMBERS SHALL CONFIRM TO ASTM AT THE SIDELAPS OF SHEETS *10 SHEET METAL SCREWS SHALL BE PENETRATIONS: HYAC PIPING SPECIFICATIONS A-446, GRADE "A". PLACED AT A MAXIMUM OF 18" ON CENTER. 1/2" GYP. BOARD ON 1) LAYER OF 5/8" --SEAL ALL PENETRATIONS AS PIPE FOR COLUMNS AND OTHER STRUCTURAL USES SHALL BE 42,000 PSI FLASHING, CLOSURES, AND TRIM 3-5/8" OR 6" METAL TYPE "X" GYP. BOARD STUDS . 16' O.C. ON EACH SIDE OF FLASHING AND/OR TRIM SHALL BE FURNISHED AT THE RAKE, CORNERS, AND EAVEST AT FRAMED OPENINGS AND WHENEVER NECESSARY TO PROVIDE 3-5/8" I8GA. METAL STUDS @ 24" O.C.. UL COMBUSTIBLE CONSTRUCTION UNLESS OTHERWISE SPECIFIED THE MINIMUM THICKNESS OF FRAMING MEMBERS SHALL BE AS FOLLOWS: WEATHER TIGHTNESS AND A FINISHED APPEARANCE. PENETRATE FIRE RATED SCULPTURED RAKE TRIM SHALL BE ROLL FORMED 24 GAGE MATERIAL 20' LONE TO MINIMIZE JOINTS, OTHER TRIM SHALL BE 26 GAGE. FLANGES OF WELDED BUILT-UP MEMBERS 3/16" FLASHING AND TRIM MATERIAL SHALL BE GALVALUME (TM) STEEL (50,000 PS) YIELD) OR COLOR COLOR GALVANIZED STEEL CONFORMING TO ASTM SPECIFICATION A-446 GRADE D (50,000 PS) YIELD). COLD-FORMED SECTIONS SHALL BE MANUFACTURED BY THE PRECISION ROLL OR BREAK FORMING. ALL DIMENSIONS SHALL BE TRUE. 3-5/8' OR 6' METAL A FORMED PANEL MATCHING THE SLOPE AND PROFILE OR ADJOINING PANELS SHALL BE PROVIDED ALONG THE BUILDING RIDGE FOR PANELS, A RIDGE FLASHING AND CLOSURE SHALL BE USED WITH MASTER SEAM AND SUPREME SEAM PANELS, A PRE-FORMED METAL OUTSIDE CLOSURE AND RIDGE FLASHING SHALL BE USED WITH PRO SEAM PANELS. ALL SHOP CONNECTIONS SHALL BE BY WELDING IN ACCORDANCE WITH THE LAWS 'STRUCTURAL WELDING CODE', LATEST EDITION, WELDING SHALL BE SUBMERGED ARC OR GAS SHIELDED ARC PROCESS. SCHEDULE) SCHEDULE) SCHEDULE) ALL FIELD CONNECTIONS SHALL BE FIELD BOLTED WITH ASTM CLOSURE STRIPS MATCHING THE PROFILE OF THE PANEL SHALL BE SPECIFICATIONS A-30T OR A-325 BOLTS AS SHOWN ON DRAWINGS. A-325 BOLTS HAVE BEEN TIGHTENED BY THE TURN OF THE NUT METHOD. CONNECTIONS IN SECONDARY MEMBERS SHALL BE MADE WITH SPECIAL 1/2' INSTALLED ALONG THE RAKE AND/OR EAVE WHERE REQUIRED FOR WEATHER TIGHTNESS, CLOSURE STRIPS SHALL BE CLOSED CELL, SEMI-RIGID, CROSS TYP. NON-RATED LINKED POLYETHYLENE FOAM LAMINATED FOR STRENGTH AND UNIFORM COMPRESSIBILITY, METAL OUTSIDE CLOSURE STRIPS SHALL BE USED AT TRUSS, HEAD, FIN, NECK BOLTS AND HEX NUTS WHEN REQUIRED. ALL FRAMING MEMBERS SHALL CARRY AN EASILY VISIBLE IDENTIFYING MARK. TYP. NON-RATED INT. PARTITION 8 / INT. STOREFRONT 6 INT. PARTITION PARTITION SCALE: 1/2'=1'-@' A-2 EXTERIOR STEEL SURFACES SHALL BE GALVALUME (TM) OR COLOR COATED LONGITUDE OR TRANSVERSE EXPANSION JOINTS SHALL BE PROVIDED TO ALLOW FOR THE AFFECTS OF TEMPERATURE INDUCED CONTRACTION OR EXPANSION ON ALL ROOF AND WALL ASSEMBLAGES. THE JOINT SHALL BE A. COLOR OF ROOF PANELS, WALL PANELS, AND CORNER TRIM SHALL BE SELECTED FROM THE STANDARD MANUFACTURERS COLORS. FLASHED AND COUNTER-FLASHED TO INSURE WEATHER TIGHTNESS. B. THE ROOF VENTILATORS, DOWNS POUTS, EAVE TRIM AND DOOR FLASHING SHALL BE SELECTED FROM THE STANDARD MANUFACTURERS ROOM FINISH SCHEDULE THE STANDARD WALL AND SOFFIT PANEL COLOR SURFACE SHALL BE A SILICONE-POLYESTER CO-POLYMER RESIN TYPE TO GIVE SUPERIOR RIGID FRAMES, WING UNIT FRAMES AND CANOPY BEAMS ALL MEMBERS SHALL BE SEALED, BUILT-UP, "I" SHAPES, EITHER CONSTANT DEPTH OR ADHESION AND DURABILITY. THE FINISH COAT SHALL BE LO MIL THICK THE REVERSE COAT SHALL BE OFF WHITE POLYESTER NOMINAL Ø.5 SOUTH EAST WEST REMARKS BEARING END FRAMES BEARING END FRAMES SHALL BE MILL ROLLED SECTIONS AND CONSIST OF COLUMNS AT THE BUILDING CORNERS AND A CONTINUOUS RAFTER BEAM SUPPORTED BY THE ENDWALL COLUMNS, AN OPTIONAL BEARING FRAME SYSTEM WILL CONSIST OF COLD-FORMED "C" OR "Z" SECTIONS, AS ERECTION SHALL BE IN ACCORDANCE WITH LOW RISE MBMA, 1996 EDITION. REQUIRED BY DESIGN. ENDWALL COLUMNS SHALL BE MILL ROLLED SECTIONS OR WELDED BUILT-UP "I" SHAPES, OPTIONAL ENDWALL COLUMNS WILL CONSIST OF SOLD-FORMED SECOND FLOOR PLAN SECOND FLOOR SCALE: 1/8' = 1'-0 WALL LEGEND 8'CMU WALL. PURLING AND GIRTS SHALL BE COLD-FORMED 'Z' SECTIONS WITH STIFFENED FLANGES, THEY SHALL BE SIMPLE OR CONTINUOUS SPAN AS STAIR # 3-5/8' OR 6' METAL STUDS WALLS ● 16' O.C. W/R-11 BATT INSULATION. ELEY. REQUIRED BY DESIGN. TRAINING ROOM REVISED 7/9/02 8' CMU IHR OR 2HR WALL SEE PLAN EAVE STRUTS SHALL BE COLD FORMED C-SECTION SUFFICIENT TO PROVIDE ADEQUATE BACKUP FOR BOTH ROOF AND WALL PANELS AT THE BUILDING EAVES. F.E.C. 2AIØBC FIRE EXTINGUISHER IN SEMI-RECESSED CABINET SHEET SUPPLIES BREAKROOM THIS PROJECT HAS BEEN DESIGNED IN ACCORDANCE WITH THE LEE COUNTY LAND DEVELOPMENT CODE. CHAPTER 6, ARTICLE IV H.C. *6

INSET GIRT BUILDINGS - WIND BRACING IN THE ROOF AND/OR SIDE WALL IS NOT REQUIRED WHERE THE DIAPHRAGM STRENGTH OF THE ROOF AND/OR WALL COVERING IS ADEQUATE TO RESIST THE LONGITUDINAL WING FORCES. WHEN REQUIRED, WIND BRACING SHALL BE PROVIDED BY FIXED BASE CORNER COLUMNS OR OTHER SUITABLY DESIGNED BRACING.

BYPASS GIRT BUILDINGS - WIND BRACING SHALL CONSIST OF DIAGONAL BRACING AND SHALL BE PROVIDED IN BOTH ROOF AND SIDE WALL, AS INDICATED ON THE METAL BUILDING MANUFACTURER'S DRAWINGS, DESIGN SHALL INCLUDE REINFORCEMENT OR PURLIN AND EAVE STRUTS AS

THIS PROJECT HAS BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2001, SECTION 1606 FOR 120 MPH WIND SPEED AND THE FLORIDA FIRE PREVENTION CODE 2001.

JASON P. TRAMONTE OF

H.C. #T HALL *4 BALCONY