

SPECIFICATIONS

DIVISION 1 - GENERAL REQUIREMENTS

SUBPART OF WORK
 THIS PROJECT CONSTRUCTS A SIX RESIDENT INTERMEDIATE CARE FACILITY (GROUP HOME) FOR THE MENTALLY DISABLED. THE HOUSE IS FOUND ON SHALLOW CONCRETE FOOTINGS AND REINFORCED BLOCK FOUNDATION WALLS. THE EXTERIOR WALLS ARE WOOD FRAME WITH GYPVENUM PANEL AND BATTEN SIDING. THE ROOF STRUCTURE IS PRESHEARERED WOOD TRUSSES AND DIMENSIONAL WOOD RAFTERS. THE ROOFING MATERIAL IS TERREZOLAS ARCHITECTURAL GRADE SHINGLES AND EPDM MEMBRANE.

OWNER
 COMPANY SERVICES BOARD OF HAMPTON AND NEUPORT NEWS
 3602 MEDICAL DRIVE, HAMPTON VA

DESIGN CRITERIA
 INTERNATIONAL RESIDENTIAL CODE - 2003 EDITION WITH STATE APPENDUMS REFERENCED CODES.

DESIGN LOADS
 SEE STRUCTURAL DRAWINGS

SAFETY
 IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITION OF THE JOB SITE INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

THE DUTY OF THE ARCHITECT IN CONDUCTING CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES IN OR NEAR THE CONSTRUCTION SITE.

RECORDED DRAWINGS
 UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL SUBMIT MARKED-UP DRAWINGS AND SKETCHES TO THE ARCHITECT/ENGINEER

SUBMITTALS
 THE CONTRACTOR SHALL SUBMIT THE FOLLOWING INFORMATION FOR APPROVAL BEFORE PROCEEDING WITH THE WORK.

| ITEM | PRODUCT DATA | SHOP DRAWINGS | SAMPLES |
|--------------------------------------|--------------|---------------|---------|
| FOUNDATION REINFORCING | ● | ● | |
| CONCRETE | ● | ● | |
| MASONRY REINFORCING | ● | ● | |
| MASONRY ACCESSORIES | ● | ● | |
| MASONRY MORTAR | ● | ● | |
| WOOD AND SHEATHING | ● | ● | |
| FOUNDATION INSULATION | ● | ● | |
| FIBERGLASS INSULATION | ● | ● | |
| ROOFING FLOORING | ● | ● | |
| ROOFING UNDERLAMENT | ● | ● | |
| ROOF ACCESSORIES | ● | ● | |
| SHEET METAL ROOF | ● | ● | |
| VINYL WINDOWS | ● | ● | |
| GYPVENUM WALL BOARD | ● | ● | |
| PAINT | ● | ● | |
| RESILIENT FLOOR TILE AND RUBBER BASE | ● | ● | |
| GYPVENUM WALL BOARD | ● | ● | |
| TOILET ACCESSORIES | ● | ● | |
| FIRE EXTINGUISHER CABINET | ● | ● | |
| APPLIANCES | ● | ● | |
| ELECTRICAL FIXTURES (SEE ELEC SPEC) | ● | ● | |
| HVAC EQUIPMENT (SEE MECH SPEC) | ● | ● | |
| MECHANICAL EQUIPMENT (SEE MECH SPEC) | ● | ● | |
| CEILINGWORK | ● | ● | |

WASTE
 THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL THEIR CONSTRUCTION DEBRIS FROM THE SITE AND FOR LEAVING THE SITE IN A CLEAN AND USABLE MANNER.

TEMPORARY FACILITIES
 TEMPORARY CONSTRUCTION AND SUPPORT FACILITIES REQUIRED INCLUDE BUT ARE NOT LIMITED TO:

- WATER SERVICE AND DISTRIBUTION
- TEMPORARY ELECTRICAL POWER AND LIGHTS
- STORAGE FACILITIES FOR CONSTRUCTION MATERIALS
- SAUNARY FACILITIES INCLUDING DRINKING WATER
- WASTE DISPOSAL SERVICES

MATERIALS
 TAPING: PROVIDE WATERPROOF FIRE-RESISTANT UL LABELED TAPING WITH FLAME SPREAD RATING OF 5 OR LESS. FOR TEMPORARY ENCLOSURES PROVIDE TRANSLUCENT NYLON REINFORCED LAMINATED POLYETHYLENE OR POLYNYL CHLORIDE FIRE RETARDANT TAPING. DRINKING WATER FACILITIES: PROVIDE CONTAINERIZED TAP-DISPENSERS BOTTLED WATER TYPE DRINKING WATER UNITS INCLUDING PAPER CUP SUPPLY.

TEMPORARY TOILET UNITS: PROVIDE SELF-CONTAINED SINGLE-OCCUPANT TOILET UNITS OF THE CHEMICAL, AERATED RECIRCULATION OR COMBINATION

THE PROPERTY VENTED AND FULLY ENCLOSED WITH A GLASS FIBER REINFORCED POLYESTER SHELL OR SIMILAR NONABSORBENT MATERIAL AND SUPPLY UNITS WITH TOILET TISSUE.

FIRST AID SUPPLIES: COMPLY WITH LOCAL, STATE AND FEDERAL REGULATIONS.

FIRE EXTINGUISHERS: PROVIDE HAND CARRIED PORTABLE UL RATED CLASS ABC DRY CHEMICAL EXTINGUISHERS OR A COMBINATION OF EXTINGUISHERS OF NFPA RECOMMENDED CLASSES FOR THE EXPOSED COMPACT WITH NFPA 10 AND 24 FOR CLASSIFICATION EXTINGUISHING AGENT AND SIZE REQUIRED BY LOCATION AND CLASS OF FIRE EXPOSURE.

DIVISION 2 - TERSITE CONTROL

PROVIDE TREATMENT FOR NEW CONSTRUCTION AREAS.

ENGAGE A PROFESSIONAL PEST CONTROL OPERATOR LICENSED IN ACCORDANCE WITH REGULATIONS OF GOVERNING AUTHORITIES FOR APPLICATION OF SOIL TREATMENT SOLUTION.

RESTRICTIONS, DO NOT APPLY SOIL TREATMENT SOLUTION UNTIL EXCAVATING FILING AND GRADING OPERATIONS ARE COMPLETED, EXCEPT AS OTHERWISE REQUIRED IN CONSTRUCTION OPERATIONS.

FLURISH WRITTEN WARRANT CERTIFYING THAT APPLIED SOIL POISONING TREATMENT WILL PREVENT INFESTATION OF SUBTERRANEAN TERMITES AND THAT IT SUBSEQUENT TERMITE ACTIVITY IS DISCOVERED DURING WARRANT PERIOD, CONTRACTOR WILL RE-TREAT SOIL AND REPAIR OR REPLACE DAMAGE CAUSED BY TERMITE INFESTATION.

PROVIDE WARRANTY FOR A PERIOD OF FIVE YEARS FROM DATE OF TREATMENT SIGNED BY APPLICATOR AND CONTRACTOR.

TERMITICIDE: PROVIDE AN EPA-REGISTERED TERMITICIDE COMPLYING WITH REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION IN A SOLUBLE OR EMULSIBLE CONCENTRATED FORMULATION THAT DILUTES WITH WATER OR FOAMING AGENT, AND FORMULATED TO PREVENT TERMITE INFESTATION. USE ONLY SOIL TREATMENT SOLUTIONS THAT ARE NOT HARSH TO PLANTS. PROVIDE QUANTITY REQUIRED FOR APPLICATION AT THE LABEL VOLUME AND RATE FOR THE MAXIMUM TERMITICIDE CONCENTRATION ALLOWED FOR EACH SPECIFIC USE, ACCORDING TO THE PRODUCT'S EPA-REGISTERED LABEL.

MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY ONE OF THE FOLLOWING:
 AGRO ENVIRONMENTAL HEALTH INC.; A COMPANY OF HOECHST AND SÖCHERING, BERLIN
 AMERICAN CYANAMID CO. AGRICULTURAL PRODUCTS GROUP
 SPECIALTY PRODUCTS DEPARTMENT
 BAYER CORP.; GARDEN 4 PROFESSIONAL CARE DOLELANCO
 FMC CORP.; FERT CONTROL SPECIALTIES
 ZENECA PROFESSIONAL PRODUCTS.

APPLICATION: MIX SOIL TREATMENT TERMITICIDE SOLUTION TO A UNIFORM CONSISTENCY. PROVIDE QUANTITY REQUIRED FOR APPLICATION AT THE LABEL VOLUME AND RATE FOR THE MAXIMUM SPECIFIED CONCENTRATION OF TERMITICIDE ACCORDING TO MANUFACTURERS EPA-REGISTERED LABEL. TO THE FOLLOWING SO THAT A CONTINUOUS HORIZONTAL AND DIVISION 6 - WOOD

LUMBER GENERAL
 WHERE NOMINAL SIZES ARE INDICATED, PROVIDE ACTUAL SIZES REQUIRED BY CON DOCS P3 20 FOR MOISTURE CONTENT SPECIFIED. WHERE ACTUAL SIZES ARE INDICATED, THEY ARE MINIMUM DRESSED SIZES FOR DRY LUMBER.

PROVIDE DRESSED LUMBER #46 UNLESS OTHERWISE INDICATED.
 WOOD-PRESERVATIVE-TREATED MATERIALS IS INDICATED AS PRESERVATIVE GENERAL. WHERE LUMBER OR WOOD IS INDICATED AS PRESERVATIVE TREATED OR IS SPECIFIED TO BE TREATED, COMPLY WITH APPLICABLE REQUIREMENTS OF ALPA, C1 (LUMBER) AND ALPA C9 (WOOD). MARK EMOI TREATED ITEM WITH THE QUALITY MARK REQUIREMENTS OF AN INSPECTION AGENCY APPROVED BY AISC'S BOARD OF REVIEW.

DO NOT USE CHEMICALS CONTAINING CHLORINE OR ARSENIC FOR EXPOSED ITEMS INDICATED TO RECEIVE STAINED FINISH. USE CHEMICAL FORMULATIONS THAT DO NOT BLEED THROUGH, CONTAIN COLORANTS, OR OTHERWISE ADVERSELY AFFECT FINISHES.

WOOD CAN'T, VALTERS, CURBS, EQUIPMENT SUPPORT BASES, BLOCKING, STRIPPING, AND SIMILAR MEMBERS IN CONNECTION WITH ROOFING FLASHING, VAPOR BARRIERS, AND WATERPROOFING.

WOOD SILL & LEFFERS, BLOCKING, BIRKING, STRIPPING, AND SIMILAR CONCEALED MEMBERS IN CONTACT WITH MASONRY OR CONCRETE.

WOOD FRAMING MEMBERS, LESS THAN 18 INCHES ABOVE GRADE.
 WOOD FLOOR PLATES, INSTALLED OVER CONCRETE SLABS DIRECTLY IN CONTACT WITH EARTH.

GENERAL: PROVIDE DIMENSION LUMBER OF GRADES INDICATED ACCORDING TO THE AISC NATIONAL GRADING RULE (NFG) PROVISIONS OF THE INSPECTION AGENCY INDICATED.
 OTHER FINISHING: PROVIDE THE FOLLOWING GRADES AND SPECIES:
 GRADE: NO. 1
 F5 - 1400 F51
 SPECIES: SOUTHERN YELLOW PINE WUPA
 FASTENERS
 GENERAL: PROVIDE FASTENERS OF SIZE AND TYPE INDICATED THAT COMPLY WITH REQUIREMENTS SPECIFIED IN THIS ARTICLE FOR MATERIAL AND MANUFACTURE.

WHERE MISCELLANEOUS CARPENTRY IS EXPOSED TO WEATHER IN GROUND CONTACT OR IN AREA OF HIGH RELATIVE HUMIDITY, PROVIDE FASTENERS WITH A HOT-DIP ZINC COATING PER ASTM A 153 OR OF TYPE 304 STAINLESS STEEL.

FOILER-DRIVEN FASTENERS: CABO NER-217.

BOLTS: STEEL BOLTS COMPLYING WITH ASTM A 307 GRADE A4 WITH ASTM A 563 HEX NUTS AND WERE INDICATED FLAT WASHERS.

GENERAL: PROVIDE GALVANIZED STEEL FRAMING ANCHORS OF STRUCTURAL CAPACITY, TYPE AND SIZE INDICATED AND ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.

FLOOR DECKING FOR THE ATTIC SHALL BE 3/4" 1x6 APA RATED SHEATHING ON WOOD FLOOR FRAMING GLUE AND SCREW INTO PLACE.

ROOF CONSTRUCTION SHALL BE 3/4" 1x6 APA RATED SHEATHING ON WOOD FLOOR FRAMING.
 ALL ROOF SHEATHING SHALL BE PLACED PERPENDICULAR TO THE DIRECTION OF THE SUPPORTING MEMBER.

ALL JOINTS FOR ROOF SHEATHING SHALL BE STAGGERED 4'-0".
 ALL ROOF SHEATHING SHALL BE Nailed PER STRUCTURAL REQUIREMENTS. METAL CONNECTORS WHERE USED SHALL BE OF SIZE TO FIT MEMBERS AND SUFFICIENT STRENGTH TO DEVELOP THE FULL STRENGTH OF THE SUPPORTED MEMBER COMPLETE WITH SPECIAL NAILS AS REQUIRED. PRIME ALL WOOD FROM TO CLADDING.

VENTILATION SIDING (HARD) AND TRIM SHALL BE NON-ABSORBENT FIBER-CEMENT GYPVENUM WITH ASTM CLASS GRADE II TYPE A IN SIZES SHOWN ON THE DRAWING. FASTENERS AT 8" ON CENTER AND NO CLOSER THAN 3/8" TO THE EDGE OF THE MATERIAL.

THE WOOD SHOE HOOD SHALL BE CLEAR HARDWOOD FOR NATURAL FINISH WITH A MAXIMUM MOISTURE CONTENT OF 10 PERCENT. FINISH JOINING WILL NOT BE ALLOWED.

ALL DOOR CASING SHALL BE 2 1/2" x 3/4" HARDWOOD TO RECEIVE OPAQUE FINISH.

ALL TRANSPARENT FINISHES FOR WOOD WORK SHALL BE TWO COAT OF POLYURETHANE OVER A CLEAR SANDING SEALER FINISH TO BE SEMI-GLOSS.

ALL ADHESIVES, FINISHES AND GLUES SHALL BE FREE FROM UREA FORMALDEHYDE AND SHALL BE LOW VOC.

CLOSET SHEATHING SHALL BE CONSTRUCTED FROM PAINTED MDO 5/8" WOOD FLOORING WITH SOLID WOOD EDGE STRIP.

CLOSET ROBS SHALL BE 1/2" DIAMETER CLEAR KILN-DRIED HARDWOOD, MOUNTED WITH STAINLESS STEEL FLANGES.

REPERFORATED HARDBOARD SHALL MEET ADA 419.4 AND BE 3/16" THICK AND BE REPERFORATED IN A GRID PATTERN WITH EACH OF THE 0.111" HOLES AT 2 INCHES CENTER TO CENTER.

DIVISION 1 - THERMAL MOISTURE PROTECTION
 SEALANT

MULTI-PART NONSAG URETHANE SEALANT FOR USE IN: TYPE III GRADE NS CLASS 25 AND COMPLYING WITH THE FOLLOWING REQUIREMENTS FOR 1955 NT, M, A, AND AS APPLICABLE TO JOINT SUBSTRATES INDICATED.

AGRICULTURAL SEALANT: MANUFACTURERS STANDARD ONE-PART NON-SAG, SOLVENT-RELEASE, CURING, AGRICULTURAL THERMOPLASTIC SEALANT COMPLYING WITH ASTM C 920 FOR TYPE 91 GRADE NS; 1955 NT, M, G, A, AND AS APPLICABLE TO JOINT SUBSTRATES INDICATED. EXCEPT FOR SELECTED TEST PROPERTIES WHICH ARE REVISED AS FOLLOWS.

AGRICULTURAL SEALANT: MANUFACTURERS STANDARD ONE PART NONSAG, THERMOPLASTIC RESISTANT, AGRICULTURAL SEALANT COMPLYING WITH ASTM C 920 FOR TYPED TO BE PAINTABLE AND RECOMMENDED FOR EXPOSED APP.

FLAT ROOF AREAS SHALL RECEIVE FROM FULLY ADHERED TO THE TAPERED ROOF INSULATION SYSTEM, UNLESS OTHERWISE NOTED.

THE ROOF INSULATION SYSTEM CONSISTS OF A TOP LAYER OF 1/2" GLASS MAT GIB COVERBOARD OVER A TAPERED POLYISOCYANURATE LAYER AND STEPPED POLYISOCYANURATE BASE LAYERS AS SHOWN IN THE ROOFING INSULATION PROFILE. THE BASE LAYER SHALL BE MECHANICALLY FASTENED TO THE ROOF DECK TO ASSURE RESISTANCE TO THE PULL OUT REQUIREMENTS, SUCCEEDING LAYERS SHALL BE TAPPED IN PLACE W/ URETHANE ADHESIVE. ALL ROOFING COMPONENTS SHALL PERFORM SO THE OVERALL ROOF SYSTEM COMPLES WITH THE FH-190 WIND LOADING REQUIREMENTS.

PROVIDE A 20 YEAR MANUFACTURERS NO DOLLAR LIMIT (NDU) WARRANTY FOR THE INSTALLED SYSTEM.

THE CONTRACTOR SHALL SUBMIT THEIR APPROVED DETAILS WHICH DIFFER FROM THE CONTRACT DOCUMENTS FOR REVIEW BY THE ARCHITECT.

DEVIATION OF THE ARCHITECT'S DISCRETION MAY BE GROUNDS FOR REJECTION OF THE PROPOSED SYSTEM.

CONTRACTOR SHALL USE READY TAPE

WOOD FRAMING AND BLOCKING SHOWN ON THE ROOF DRAWINGS AND DETAILS SHALL BE "TREATED" LON.

ALL SHEET METAL FLASHING SHALL BE 20x40" KYNAR FINISHED ALUM. UNL. COLOR TO BE SELECTED FROM THE MANUFACTURERS FULL LINE OF COLORS INCLUDING PREMIUM COLORS.

ALL EDGE FASCIA & FASCIA CLADDING SHALL HAVE WELDED CORNERS & DURABLE FINISH. THE SHINGLE SHALL ALSO RESIST ALGAE DISCOLORATION FOR A PERIOD OF 5 YEARS MIN.

THE ASPHALT SHINGLES SHALL BE THREE TAB FIBERGLASS CORE 20 YEAR WARRANTY SHINGLE. THE SHINGLE SHALL ALSO RESIST ALGAE DISCOLORATION FOR A PERIOD OF 5 YEARS MIN.

ASPHALT SHINGLE COLOR SHALL BE AS SELECTED BY THE OWNER FROM THE PER'S FULL RANGE OF COLORS.

INSTALL ASPHALT SHINGLES ACCORDING TO MANUFACTURERS WRITTEN INSTRUCTIONS, RECOMMENDATIONS IN AREAS RESIDENTIAL ASPHALT ROOFING MANUAL, AND ASPHALT SHINGLE RECOMMENDATIONS IN NECA'S "THE NECA ROOFING AND WATERPROOFING MANUAL" AND ACCORDING TO ACCORDING TO MANUFACTURERS WRITTEN INSTRUCTIONS.

FASTEN ASPHALT SHINGLE STRIPS WITH A MINIMUM OF FIVE ROOFING NAILS LOCATED ACCORDING TO MANUFACTURERS WRITTEN INSTRUCTIONS.

INSTALL CLOSED-GUT VALLEY'S COMPLY WITH NECA'S RECOMMENDATIONS.

PROVIDE A TWO YEAR ROOFERS WARRANTY COVERING WORKMANSHIP AND EXCLUDING:

LIGHTNING:
 PEAK GUST WIND SPEED EXCEEDING 60 MPH
 FIRE:

FAILURE OF ROOFING SYSTEM SUBSTRATE INCLUDING CRACKING, SETTLEMENT, EXCESSIVE DEFLECTION, DETERIORATION AND DECOMPOSITION.
 FAILURE OF CONSTRUCTION OF PARAPET WALLS, CORNERS, CHIMNEYS, SKYLIGHTS, VENTS, EQUIPMENT SUPPORTS, AND OTHER EDGE CONDITIONS AND PENETRATIONS OF THE WORK.

VAPOR CONDENSATION ON BOTTOM OF ROOFING; AND
 ACTIVITY ON ROOFING BY OTHERS, INCLUDING CONSTRUCTION CONTRACTORS, MAINTENANCE PERSONNEL, OTHER PERSONS, AND ANIMALS, WHETHER AUTHORIZED OR UNAUTHORIZED, BY OWNER.

ROOFING ACCESSORIES

SOLAR EXHAUST FANS ARE TO BE MODEL-BEASOFF AND MANUFACTURED BY SUNKER SOLAR PRODUCTS 1-878-595-5211. THE FAN WILL BE EQUIPPED WITH A THERMOSTAT AND CARRY A FIVE YEAR MOTOR WARRANTY.

VINYL FLASHING SHALL BE MADE OF TYPE 1B101 COPPER-BEARING SHEET LEAD, MINIMUM 4 LB/96 FT (2.0x35; NCA THICK).

ALL EAVES VALLEY, UNDER ALL EXHAUST FANS AND AROUND ALL VENTS SHALL BE COVERED WITH 40-MIL. THICK, G.I.P-RESISTING POLYETHYLENE FACED SELF-ADHERING SHEET UNDERLAMENT.

ALL AREAS OF ROOF DECK NO COVERED BY SELF ADHERING ROOF UNDERLAMENT SHALL BE COVERED BY 30 LB Felt.

LAP ROOFING FELT AND SELF-ADHERING SHEET UNDERLAMENT BY 2 INCHES OVER UNDERLAP CORNER. LAP ENDS A MINIMUM OF 4 INCHES. STAGGER END LAPS BETWEEN SUCCEEDING COURSES AT LEAST 12 INCHES (1800 MPH) FASTEN WITH ROOFING NAILS.

SKYLIGHTS SHALL BE CURB MOUNTED AND HAVE A CLEAR AND/OTHER RIGID ALUMINUM FRAME WITH AGRICULTURAL OVER AGRICULTURAL GLAZING. SKYLIGHTS SHALL BE MODEL: ORCHID-48 CLR AS MANUFACTURED BY SKYLITE SKYLIGHTS. OR AN APPROVED EQUAL.

THERMAL INSULATION

PERFECT FOUNDATION INSULATION INSTALLED AS SHOWN AND RUNNING THE ENTIRE PERIMETER OF THE BUILDING SHALL BE EXTENDED POLYETHYLENE BOARD COMPLYING WITH ASTM C 978, TYPE IV, 1.60 LB/101 FT, UNLESS OTHERWISE INDICATED. WITH MAXIMUM FLAME SPREAD AND SMOKE DEVELOPED INDEXES OF 75 AND 450, RESPECTIVELY.

THERMAL BATT INSULATION SHALL BE GLASS-FIBER BLANKET INSULATION COMPLYING WITH ASTM C 665, TYPE III CLASS A, CATEGORY 1, FACED WITH POLY-ESTER VAPOR RETARDER VERBERANE ON I FACE WITH AN R VALUE AS SHOWN ON THE DRAWINGS.

SOUND ATTENUATION INSULATION SHALL BE UNFACED GLASS-FIBER BLANKET INSULATION COMPLYING WITH ASTM C 665, TYPE II, CONSISTING OF FIBERS WITH MAXIMUM LAYER-SPEED AND SMOKE DEVELOPED INDEXES OF 25 AND 50. RESPECTIVELY. PASSING ASTM E 136 FOR COMBUSTION CHARACTERISTICS N THICKNESSES AS SHOWN ON THE DRAWINGS.

PROVIDE RADIANT BARRIER, SUPER PREMIUM AS MANUFACTURED INNOVATIVE INSULATION INC AND INSTALLED OVER THE ROOF RAISERS AND DIRECTLY UNDER THE ROOF DECK.

DIVISION 8 - DOORS AND FRAMES

STANDARD STEEL FRAMES:

HOT-ROLLED STEEL SHEETS AND STRIP, COMMERCIAL QUALITY CARBON STEEL, PICKLED AND OILED, COMPLYING WITH ASTM A 563 AND ASTM A 568.

COLD-ROLLED STEEL SHEETS, COMMERCIAL QUALITY CARBON STEEL, COMPLYING WITH ASTM A 366 AND ASTM A 568.

SUPPORTS AND ANCHORS, FABRICATE OF NOT LESS THAN 1/2" GAUGE GALVANIZED SHEET STEEL.

NEEDS BOLTS AND FASTENERS, MANUFACTURERS STANDARD UNITS, EXCEPT HOT-DIP GALVANIZED ITEMS TO BE BUILT IN TO EXTERIOR WALLS, COMPLYING WITH ASTM A 153, CLASS C OR D AS APPLICABLE.

PRIMER, RUST-INHIBITIVE ENAMEL, OR PAINT, EITHER AIR-DRYING OR BAKING, SUITABLE AS A BASE FOR SPECIFIED FINISH PAINTS. PRIME INTERIOR AND EXTERIOR OF FRAMES.

DOORS:

STEEL DOORS: PROVIDE 1-3/4-INCH-THICK DOORS OF MATERIALS AND ANS1/901 600 GRADES AND MODELS SPECIFIED BELOW OR AS INDICATED ON DRAWINGS OR SCHEDULES.

EXTERIOR DOORS: GRADE III, EXTRA HEAVY-DUTY, MODEL 1 FULL FLUSH DESIGN, MINIMUM 2.0x35-INCH (16-MPH) THICK GALVANIZED STEEL SHEET FRAMES.

INTERIOR HOLLOW CORE PRE-HUNG DOORS:
 DOOR PANEL: FLUSH DOORS SHALL BE FABRICATED USING LOOSE LAY UP ASSEMBLY THAT INCLUDES HARDBOARD FACINGS, WOOD OR HPE STILES, WOOD OR HPE RAILS AND CORRUGATED CELL CORE DOOR FACINGS ARE TO BE BONDED TO STILES, RAILS & AND CORE FORMING A 3-PLY STRUCTURAL ATTACHMENT.

POUNTING SURFACE FOR LATCHING HARDWOOD TO BE REINFORCED WITH SOLID INTERNAL SUPPORT. HINGE PREPARATIONS FOR 1-3/4" THICK DOORS TO BE MACHINED TO ACCEPT 4" HINGES. LATCH PREPARATIONS ARE TO BE PLACED IN THE AREA OF SOLID INTERNAL SUPPORTS. FACE BORE(S) FOR CYLINDRICAL LOCK AND DEADBOLT ARE TO BE 2-1/8" DIAMETER AT 2-3/4"

DOOR FRAME: WOOD JAMBS SHALL BE FABRICATED AS A 2-PIECE 9PLT JAMB, HINGE JAMB PREPARATIONS FOR 1-3/8" THICK DOORS TO BE MACHINED TO ACCEPT HINGES. STRIKE JAMB PREPARATIONS ARE TO BE MACHINED FOR FULL LIP CYLINDRICAL STRIKE FLATE DOUBLE DOOR UNITS. SHALL INCLUDE PREPARATIONS FOR BALL CATCH LOCATED AT THE TOP OF DOOR ON BOTH DOOR PANELS DESIGNED TO STRIKE INTO THE HEAD JAMB, AS SCHEDULED.

HINGES: (3) STANDARD WEIGHT RADUIS WORKISE HINGES STAINLESS STEEL FINISH

ALL DOORS SHALL OPERATE FREELY AND HAVE EQUAL SPACE BETWEEN THE FRAME AND DOOR AFTER INSTALLATION. RE-HANG THE DOOR IF THIS REQUIREMENTS IS NOT MET.

REPLACE DOORS THAT ARE DAMAGED OR THAT DO NOT COMPLY WITH REQUIREMENTS. DOORS MAY BE REPAIRED OR REFINISHED IF WORK COMPLES WITH REQUIREMENTS AND SHOWS NO EVIDENCE OF REPAIR OR REFINISHING.

WINDOWS

WINDOWS SHALL BE MULTI CELL VINYL WINDOWS PRE-GLAZED WITH LOW-E INSULATED GLAZING AS MANUFACTURED BY SIMONTON WINDOWS OF FENNSBORO WV 1-800-426-2243

GLAZING (OTHER THAN VINYL WINDOWS)

GLAZING TYPE (T) SHALL BE 1/2" INCH THICK ARGON FILLED INSULATED UNIT WITH CLEAR AND/OTHER ALUMINUM SPACER BETWEEN TWO LAYERS OF 1/4" FULLY TEMPERED FLOAT GLASS.

GLAZING TYPE (ET) SHALL BE 1/2" INCH THICK ARGON FILLED INSULATED UNIT WITH CLEAR AND/OTHER ALUMINUM SPACER BETWEEN TWO LAYERS OF 1/4" FULLY TEMPERED AND ETCHED FLOAT GLASS. INSTALL 90 THAT ETCHED SURFACES FACE INTERSPACE.

GLAZING TYPE (ET) SHALL BE ONE LAYERS OF 1/4" FULLY TEMPERED AND ETCHED FLOAT GLASS.

PROVIDE SAFETY GLAZING LABELING AT ALL TEMPERED GLASS LIGHTS.

HARDWARE

HU SET 01 (DOUBLE EXTERIOR EXIT DOOR)

6 EA HINGE EBB101 45 X 45 NRP 630

HADER 2 EA EXIT DEVICE 1100 X 36 X 48 X 67F X 1939R1RKE 616 YALE

1 SET FLUSH-BOLT 15 FB 358 T1B 616 IVS

1 EA DISTIFER STRIKE DP2 616 IVS

2 EA SURFACE CLOSER 4020-30710NS AL LCN

2 EA KICK-PLATE 1806 12" X 2" LDW 630

HADER 2 SET WEATHERSTRIP 8916AV X DR HT X DR WITH AL

HADER 1 EA THRESHOLD 52054AV X DR WIDTH AL

DOOR: 103, 104, 105, 107, 108, 110

HU SET 03 (SINGLE EXTERIOR STORAGE DOOR)

3 EA HINGE EBB101 45 X 45 NRP 630

HADER 1 EA LOCKSET 16 X 14 X 01D16 X 021001 616 YALE

1 EA DEADBOLT DL111 616 YALE

1 SET WEATHERSTRIP 8916AV X DR HT X DR WITH AL

HADER 1 EA THRESHOLD 52054AV X DR WIDTH AL

HADER 1 EA SURFACE CLOSER 4020-30496CN6 AL LCN

DOOR: 111, 113, 116



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BROGDEN LANE
 ICE / MR HOME
 FOR HNN CSB

| REV | DESCRIPTION | DATE |
|-----|-------------|----------|
| 1 | REVISION | 09/11/08 |



GENERAL NOTES AND SPECIFICATIONS

JOB NUMBER 0704
A0.02