DIVISION 1 GENERAL NOTES

GENERAL NOTES

A. all work shall conform to the requirements of the applicable codes indicted on sheet g001 and all other applicable local, state, and federal codes and ordinances, and all authorities having local jurisdiction.

B. all work shall conform to the 2014 florida fire prevention code

C. the general contractor shall perform all work in accordance with the current edition of the "general conditions of the contract for construction" aia document a201.

D. the contractor shall, upon discovery, give written notice to the architect of any materials, equipment, or design features which he believes to be inadequate or unsuitable, in violation of laws, ordinances, or rules and regulations of the authorities having jurisdiction over the work, and of any necessary items or work omitted from the drawings.

E. all subcontractors shall use only skilled craftsmen, experienced in the work of their trade, to ensure first class workmanship. any work not equal to best trade standards shall be removed and replaced at no additional cost. should any subcontractor refuse to remove and replace unsatisfactory work, the contractor may remove and replace it, and charge the cost to the subcontractor.

F. it is the general contractor's sole responsibility to determine erection procedure sequence to ensure the safety of people & of the building & its component parts during construction. this includes, but is not limited to, the addition of whatever temporary bracing or tie downs that may be necessary. such material shall be removed and shall remain the property of the contractor after completion of the project.

G. all products and parts shall fit together neatly, without damage or disfigurement. except for specified curved surfaces, all products and parts shall be constructed/ fabricated and installed true, in line, and plumb. all non conforming work shall be rejected and re-accomplished by the general contractor at no additional costs to the owner.

H. all work shown on the drawings shall be constructed of new components.

all bids shall be prepared from a complete set of construction documents. complete sets of documents shall not be broken up for bid purposes. such action may result in a lack of information in reference to the scope of work to be performed.

J. it shall be the general contractor's responsibility to personally field inspect the project site prior to the preparation and submittal of his bid. this inspection is required so that the contractor shall be totally familiar with the existing conditions and their interface with the new construction as defined in these construction documents.

K. unless otherwise specified, the g.c. shall furnish a written guarantee for all work (equipment, materials, and labor), against any defects in said work for a period of one (1) year from the date of substantial completion, with all appropriate repairs or replacements at no additional costto the owner.

L. it shall be the responsibility of the g.c. and/or contractors to comply with all the requirements of the occupational safety and health act of 1970 by the u.s. department of labor, and require all its subcontractors and employees to comply with this law, and any related state or local laws.

M. the data given herein and on the drawings is as exact as could be secured. their absolute accuracy is not guaranteed, and the g.c. shall obtain exact locations, measurements, levels, etc. at the site and shall satisfactorily adapt his work to the actual conditions of the building. do not scale prints. verify all dimensions with the architect prior to commencing work.

N. these documents and the information contained herein shall not be altered in anyway by the contractor or the owner, alteration shall be made only by the architect of record.

O. maintain areas free of waste materials, debris, and rubbish. maintain the site in a clean and orderly condition. remove debris and rubbish from pipe chases, plenums, attics, crawl spaces, and other closed or remote spaces. prior to enclosing the space broom and vacuum clean interior areas prior to start of surface finishing, and continue cleaning to eliminate dust. remove waste materials, debris, and rubbish from site weekly and dispose off-site.

CONSTRUCTION NOTES

1. all exit doors shall be openable from the egress side without the use of a key, tool, special knowledge or effort. manually operated flush bolts or surface bolts shall not be used.

2. all glazing within a 24 inch arc of doors whose bottom edge is less than 60 inches above the floorand glass below 18" a.f.f. and all glazing in doors shall be safety glass, tempered glass or acrylic plastic sheet. per 2017 fbcb 2406.4

3. provide and install portable fire extinguishers as shown in these documents or as otherwise directed by the local fire marshal.

4. signage shall be provided as required and as stated in the accessibility code for building construction per section 703 in the 2017 edition of fbca

SECTION 01340 SHOP DRAWINGS, PRODUCT DATA AND SAMPLES

PART 1 GENERAL

1.01 REQUIREMENTS INCLUDED
A. submit shop drawings, product data and samples required by contract documents, or as necessary where not indicated, so architect can review, select, check for conformance, etc., as required.

1.02 RELATED REQUIREMENTS
A. designated in the construction schedule, or in a separate coordinate schedule, the dates for submission and the dates that reviewed shop drawings, product data and samples will be needed. allow sufficient time in the schedule for architect review and possible resubmittals if required.

1.03 SHOP DRAWINGS
A. drawings shall be presented in a clear and thorough manner.
1. details shall be identified by reference to sheet and detail, schedule or room numbers shown on contract drawings.
2. sheet shall be labeled with correct job name, location, architect's project number, and subcontractor's company name, address, phone number and name of responsible representative of company.
3. drawings, details, etc. shall clearly illustrate all components and adjacent components of the work.

1.04 PRODUCT DATA
A. preparation:
1. clearly mark each copy to identify pertinent products or models which are specifically covered by the submittal. reference all numbers to correspond to those in contract documents.
2. show performance characteristics and capacities.
3. show dimensions and clearances required.
4. show wiring or piping diagrams and controls.
5. delete model numbers, diagrams, details, etc., not applicable to the submittal.
B. manufacturer's standard schematic drawings and diagrams:
1. modify drawings & diagrams to delete information which is not applicable to the work.
2. supplement standard information to provide information specifically applicable to the work.

1.05 SAMPLES
A. office samples shall be of size indicated, or of sufficient size and quantity to clearly illustrate :
1. functional characteristics of the product, with integrally related parts and attachment devices and techniques.
2. full range of color, texture and pattern for architect selection at no additional cost. submit only specified color range if different from manufacturer's standard range.
B. all samples of a particular product, assembly, unit, etc., shall be submitted at the same time to allow proper review and comparison between samples.

1.06 SUBMITTALS
A. permits, licenses, and certificates: for the owner's records, submit copies of permits, licenses, certifications, inspection reports, releases, jurisdictional settlements, notices, receipts for fee payments, judgments, and similar documents, correspondence & records established in conjunction with compliance with standards and regulations bearing upon performance of the work.

1.07 CONTRACTOR RESPONSIBILITIES
A. review shop drawings, product data and samples prior to submission.
B. determine and verify:
1. field measurements.
2. field construction criteria.
3. catalog numbers and similar data.
4. conformance with specifications and drawings.
C. coordinate each submittal with requirements of the work and the contract documents. do not submit non-conforming products.
D. notify the architect in writing, at the time of submission, of any deviations in the submittals from requirements of the contract documents, or of any discrepancies within the contract documents.
E. begin no fabrication or work which requires submittals until return of submittals with architect's conformance review.
F. submittals not properly reviewed by contractor for conformance with contract documents shall be returned without architect's review or acceptance.

1.08 SUBMISSION REQUIREMENTS
A. make submittals promptly in accordance with approved schedule, and in such sequence as to cause no delay in the work or in the work of any other contractor.
B. number of submittals required:
1. shop drawings: submit the number of opaque reproductions which the contractor requires, plus three (3) copies which will be retained by the architect. maximum acceptable size is 24" x 36" for any one sheet.
2. product data: submit the number of copies which the contractor requires, plus three (3) which will be retained by the architect.
3. samples: submit the number stated in each specification section. if no number is given, verify correct number with architect prior to submittal. minimum of two (2) samples.
4. provide submittals as required by the individual section, but no less than that stated above.
C. SUBMITTALS SHALL CONTAIN:
1. the date of submission and the dates of any previous submissions.
2. the project title and number.
3. contract identification.
4. the names of:
contractor.
subcontractor.
supplier.
d. manufacturer.
5. identification of the product, with the specification section number.
6. field dimensions, clearly identified as such.
7. relation to adjacent or critical features of the work or materials.
8. applicable standards such as, but not limited to astm or federal specification numbers.
9. identification of deviations from contract documents.
10. identification of options available, but not indicated in the specifications, such as color, finish, texture, etc. with complete samples or listing included in the submittal for architect's selection.
11. indication of terms to be included in the work and shown on the shop drawings shall be dimensioned and coordinated for proper fit and timely inclusion.
12. identification of revisions on submittals.
13. an 8" x 3" blank space for contractor and architect stamps.
14. contractor's stamps, initialed or sign, certifying the review of submittal, verification of products, field measurements and field construction criteria, and coordination of the information within the submittal with requirements of the work and of contract documents.

1.09 RESUBMISSION REQUIREMENTS
A. make any corrections or changes in the submittals required by the architect and resubmit until accepted.
B. shop drawings and product data:
1. revise initial drawings or data, and resubmit as specified for the initial submittal.
2. indicate any changes which have been made other than those requested by the architect.
C. samples: submit new samples as required for initial submittal.

1.10 DISTRIBUTION
A. distribute reproduction of shop drawings and copies of product data which carry the architect's stamp of conformance to:
1. job site file.
2. record documents file.
3. subcontractors.
4. supplier or fabricator.
5. owner (to be distributed by the architect).

1.11 ARCHITECT'S DUTIES
A. review submittals with reasonable promptness and in accord with schedule. allow a minimum of ten (10) working days for review, unless special handling is arranged in advance.
B. affix stamp and initials or signature, and indicate requirements for resubmittal or conformance of submittal. acceptance is for general conformance with design concept & general compliance with the contract documents. quantities and dimensions of materials will not be reviewed. acceptance of a submittal does not waive or alter the requirements of the contract documents.
C. return submittals to contractor for distribution or for resubmission.

END OF SECTION 01340

DIVISION 2 SITE WORK

SECTION 02000 GENERAL

REFER TO CIVIL DRAWINGS AS PREPARED BY NEWKIRK ENGINEERING

END OF SECTION 02000

TERMITE SPECIFICATIONS

1. a permanent sign which identifies the termite treatment provider and need for re-inspection and treatment of contract renewal shall be provided. the sign shall be posted new the water heater or electric panel per 2017 fbcb 105.11

2. condensate and roof down spouts shall discharge at least 1'-0" away from building sidewalks. per 2017 fbc 1503.7

3. irrigation / sprinkler systems including all risers and spray heads shall not be installed within 1'-0" of the building side walls. per 2017 fbcp 318.1

4. to provide for inspection for termite infestation, between wall covering and final earth grade shall not be less than 6 inches. per 2017 fbcb 1408.3

exception: paint or decorative cementatious finish less than 5/8" thick adhered directly to the foundation wall. per 2017 fbcb 1403.2.1

5. initial treatment shall be done after all excavation & back fill is complete. per 2017 fbcb 1816.1.1

6. soil disturbed after the initial treatment shall be retreated including spaces boxed and formed. per 2017 fbcb 1816.1.2

7. boxed areas in concrete floors for subsequent installation of traps, etc., shall be made with permanent metal or plastic forms. permanent forms must be of a size and depth that will eliminate the disturbance of soil after the initial treatment. per 2017 fbcb 1816.1.3

8. minimum 6 mil vapor retarder must be installed to protect against rainfall dilution. if rainfall occurs before vapor retarder placement, retreatment is required. per 2017 1816.1.4

9. concrete overpour and mortar along the foundation perimeter must be removed before exterior soil treatment. per 2017 fbcb 1816.1.5

10. soil treatment must be applied under all exterior concrete or grade within 1'-0" of the structure sidewalls. per 2017 fbcb 1816.1.6

11. an exterior vertical chemical barrier must be installed after construction is complete including landscaping and irrigation. any soil disturbed after the vertical barrier is applied, shall be retreated. per 2017 fbcb 1816.1.6

12. all buildings are required to have pre-construction treatment. per 2017 fbcb 1816.1.7

13. a certificate of compliance must be issued to the building department by a licensed pest control company before a certificate of occupancy will be issued. the certificate of compliance shall state: " the building has received a complete treatment for the prevention of subterranean termites. the treatment is in accordance with the rules and laws of the florida department of agriculture and consumer services." per 2017 fbcb 1816.1

14. after all work is completed, loose wood and fill must be removed from below and within 1'-0" of the building. this includes all grade stakes, tub tray boxes, forms, shoring, or other cellulose containing material. per 2017 fbcb 2304.12.9.2

15. no wood, vegetation, stumps, cardboard, trash, etc. shall be buried within 15'-0" of any building or proposed building. per 2017 fbcb 2304.12.8.1

DIVISION 3 CONCRETE

SEE STRUCTURAL DRAWINGS

DIVISION 4 MASONRY

SEE STRUCTURAL DRAWINGS

DIVISION 5 METALS

SEE STRUCTURAL SPECIFICATIONS

DIVISION 6 WOOD and PLASTICS

SEE STRUCTURAL DRAWINGS FOR WOOD AND CARPENTRY

DIVISION 7 THERMAL AND MOISTURE PROTECTION

SECTION 07210 BUILDING INSULATION

PART 1 GENERAL

1.01 GENERAL
A. coat insulation exposed to view in finish work with cementitious coating. install coating strictly in accordance with coating manufacturer's instruction. apply coating approximately 3/16" thick. texture surface with a paint roller.

1.02 GENERAL BUILDING INSULATION
A. rigid board insulation to be 1" dow chemical company – tuff "r".
B. blanket insulation to be unfaced, mineral fiber with thermosetting resins, type 1. mineral fiber shall be manufactured from glass.
C. apply insulation units complying with manufacturer's recommendations. install blanket insulation in stud walls. bond units to substrate with adhesive or use mechanical anchorage to provide permanent placement.

1.03 LOOSE INSULATION
A. same as general building insulation. fill cracks and voids around frames and blocking and other voids in exterior wall and voids around cants, curbs, and blocking in and about the roof with loose insulation. wedge in place corners and intersections before sheeting of exterior, completely filling voids.

1.04 SOUND ATTENUATING INSULATION
A. sound insulation shall be installed in stud walls and ceilings where indicated on the drawings. fit insulation tightly between stud members.

1.05 TAPERED ROOF INSULATION
A. provide and install tapered roof insulation system in strict accordance with manufacturer's specifications. manufacturers offering products that may be incorporated in the work include, but are not limited to, the following
1. celotex corporation, tampa, fl. (813) 873–4173

1.06 RELATED WORK
A. specified elsewhere, in cludes, but not limited to, furnishing and installing such items as roof membrane system, nailers, mechanical fasteners, flashing, etc..

PART 2 PRODUCTS

2.01 MATERIAL DESCRIPTION
A. at cmu walls
i. install owens corning pink foamular ridged foam insulation 1" thick – r–5
B. at wall cavities
1. 4" walls : install owens corning kraft faced r–11 insulation
2. 6" walls : install owens corning kraft faced r–19 insulation
C. at roof
1. install owens corning kraft faced r–19 or r–30 insulation as specified in drawings
D. at sound partitions
1. install owens corning quiet zone noise control batts

PART 3 EXECUTIONS

3.01 INSULATION APPLICATION
A. install the flat and tapered insulation loosely over the substrate in strict accordance with the manufacturer's specifications.
B. start the boards from the roof drains and work toward the high point. install tapered boards according to letters stenciled on the board. direction is also stenciled on all boards. stagger joints of underlayment boards from taper boards.

END OF SECTION 07210

SECTION 07220 ROOF DECK SHEATHING

PART 1 GENERAL

1.00 DESCRIPTION
A. WORK IN THIS SECTION INCLUDES, BUT IS NOT LIMITED TO:
1. thermal barrier.
2. roofing protection board.
3. roof insulation protection board.
4. formboard for gypsum concrete.
5. re–cover board.
B. RELATED WORK SPECIFIED ELSEWHERE:
1. roof insulation.
2. roof membrane.

1.01 SUBMITTALS:
A. product data: submit manufacturer's descriptive literature indicating material composition, thickness, sizes and fire resistance.
B. shop drawings: submit shop drawings indicating fastener and adhesive patterns for fmrc wind uplift resistance specified.
C. certification: submit manufacturer's written certification that product meets specified fire–resistence requirements

1.02 DELIVERY, STORAGE AND HANDLING:
A. delivery: deliver materials to the job site in manufacturer's original packaging, containers & bundles with manufacturer's brand name and identification intact & legible.
B. storage and handling: dens–deck (dd) roof board must be kept dry during storage & application. outside storage must be off ground and protected by a breathable waterproof covering. if dd becomes wet, it must be dried before installation. dd must be roofed same day as laid.

1.03 LIMITATIONS:
the need for a separator sheet or sheet between the dens–deck (dd) roof board and the roofing membrane shall be determined by the roof membrane manufacturer or roofing system designer.
A. panels must be kept dry. apply only as much dd as can be covered by a roof membrane system in the same day.
B. accumulation of water due to leaks or condensation in or on dens–deck roof board must be avoided during construction and after construction. avoid over–use of non–vented direct fired heaters during winter months. avoid application of dd during rains, heavy fogs and other conditions that may deposit moisture on the surface.
C. conditions beyond the control of g–p gypsum such as weather conditions, dew, application temperatures and techniques may cause adverse effects with adhered roofing systems. always consult roofing manufacturer's for their specific instructions on applying their products to dens–deck roof board.
D. dens–deck is designed to act with a properly designed roof system. the actual use of dens–deck roof board as a roofing component is the responsibility of the roofing system's designing authority. g–p gypsum does not offer roofing system design services.
E. when applying solvent–based adhesive or primers, allow sufficient time for the solvent to flash off to avoid damage to roofing components
F. consult membrane manufacturer for specific installation instructions.

PART 2 PRODUCTS

2.00 GYPSUM DECKING:
A. acceptable product: g–p gypsum corporation dens–deck fireguard.
B. composition: non–structural, glass mat–embedded, water–resistant gypsum core panel.
C. size: nominal 4' x 8'.
D. thickness: 5/8" (15.9mm) dens–deck fireguard roof board.
E. fire resistance:
1. flame spread 0, smoke developed 0, when tested in accordance with astm e 84. noncombustible when tested in accordance with astm e 136.
2. 5/8" dens–deck fireguard type x roof board: ul–classified type dgg when tested in accordance with astm e 119.

2.01 MISCELLANEOUS MATERIALS:
A. fmrc approved fasteners; provide size type in accordance with fmrc requirements & roof membrane manufacturer's written recommendations.

PART 3 EXECUTION

3.00 GENERAL
A. provide dens–deck roof board where indicated on drawings using fastening fastening system specified.
B. use maximum lengths possible to minimize number of joints. locate edge joints parallel to and on deck ribs. stagger end joints of adjacent lengths of dens–deck roof board.

3.01 GYPSUM DECKING INSTALLATION AT ROOFS:
A. adhered systems: insta–foam products, inc.'s insta–stik adhesive used with 1/4" dens–deck roof board achieved a fmrc class 1–180 according to test report 1y7a5. am in selected class 1 insulated steel and concrete deck inst–foam products, inc. for details at 1–800–800–foam.

B. wind uplift/fmrc compliance for mechanical attachment to metal decks; install in accordance with j.i. 1n2a6.am of fmrc standard 4450 for 1/2" or 5/8". for 1/4" dens–deck roof board install with j.i. oyba9.am. for additional fmrc 1–60 & 1–90 windstorm resistance compliance, refer to membrane manufacturer's fmrc listing.

standards and code compliance
- dens–deck roof board in 1/2" and 5/8": astm c 1177. also meets factory mutual 4450 criteria for class 1 insulated steel roof decks.
- 5/8" dens–deck roof board is classified by underwriters laboratories & can be used in many ul "p" assemblies.
- 1/2" dens–deck roof board adhered to a steel deck exceeds wind–uplift resistance of 90lbs./sq.ft. when installed according to fmrc standard 4450, report j.i. oroq5.
- 1/4" dens–deck roof board: ul 790 class a listing as a "barrier board" overlayment and ul 1256 as a thermal barrier underlayment over steel decks.
- fmrc uplift tested for 60 and 90 psf.
- 1/4", 1/2" and 5/8" dens–deck roof board metro dade approved 94–1024.05.

END OF SECTION 07220

SECTION 07240 EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)

PART 1 GENERAL

1.01 SUMMARY
A. materials and installation of class pb eifs system.

1.02 delivery, storage and handling
A. deliver all eifs materials in their original sealed containers bearing manufacturer's name and identification of product.
B. protect coatings (pail products) from freezing and temperatures in excess of 90° f (32° c). store away from direct sunlight.
C. protect portland cement based materials (bag products) from moisture and humidity. store under cover off ground in a dry location.

1.03 SUBMITTALS
A. manufacturer's specifications, details, installation instructions and product data.
B. applicator's certificate of instruction.
C. samples of all profiles and textures for approval by architect.
D. manufacturer's code report.
E. manufacturer's standard warranty.
F. a list of minimum three(3) job references.
G. manufacturer's certification of compliance with eima standards.
H. eps board manufacturer's certificate with the current edition of eima guideline specifications for expanded polystyrene (eps) insulation board.
i. sealant manufacturer's certificate of compliance with eima standard 300.01.
j. prepare and submit project–specific details (when required by contract documents).

1.04 WARRANTY
A. provide manufacturer's standard seven year labor and material warranty.

PART 2 PRODUCTS

2.01 MANUFACTURERS
A. sto corp.
B. provide eifs components from single source manufacturer or approved supplier.
C. alternates to the approved manufacturer will be considered only if submitted to architect 10 days prior to bid in writing. submitted system must include substantiation of specified system performance, product component performance and product component descriptions.

2.02 ADHESIVE
A. bts plus, a one–component, factory–proprtioned, polymer–modified, cement–based adhesive with fiber reinforcement (for use over exterior gypsum sheathing, dens glass gold sheathing, exterior cementation sheathing, concrete, masonry or plaster surfaces. not recommended over wood surfaces).

2.03 INSULATION BOARD
A. nominal 1.0 lb/cu.ft. (16 kg/m expanded polystyrene (eps) insulation board in compliance with astm c 578 type i requirements and eima guideline specification for expanded polystyrene (eps) insulation board, 1–1/2" thick.

2.04 BASE COAT
A. bts plus, a one–component, factory–proportioned, polymer modified cementitous base coat with fiber reinforcement and less than 33 percent portland cement content by weight to be applied at 1/16" dry thickness.

B. sto flexyl–fiber reinforced acrylic base coat mixed with portland cement (for use as a waterproof base coat to waterproof foundations, sloped eifs shapes and parapets. sto primer is required over sto flexyl prior to applying finish coat.

2.05 reinforcing meshes
A. standard mesh–nominal 4.5 oz/sq.yd., symmetrical, interlaced open–weave glass fiber fabric made with alkaline resistant coating for compatibility with eifs materials. for use at wall areas above first floor not subject to pedestrian traffic.
B. armor mat – ultra high impact mesh – nominal 15 oz/sq.yd., ultra–high impact, double strand, interwoven, open–weave glass fiber fabric with alkline resistant coating for compatibility with eifs materials. for use on all areas as noted on plans. standard sto mesh is required over armor mat as the second layer.

2.06 PRIMER (OPTIONAL COMPONENT)
A. sto silcoprime, a silicone enhanced, primer (for silicone enhanced finishes). tinted to same color as finish coat.

2.07 FINISH COAT
A. sto sillit, a silicone enhanced textured wall coating with graded marble aggregate. texture and color as selected by architect. (note: specify finish color with a lightness value of 20% or > over the system).

2.08 JOB MIXED INGREDIENTS
A. portland cement: astm c 150, type 1 (for waterproof base coat only).
B. water: clean and potable.

2.09 MIXING
A. mix materials in accordance with manufacturer's published instructions.

PART 3 EXECUTION

3.01 INSTALLATION
A. install class pb eifs in accordance with manufacturer's current published written instructions.

3.02 PROTECTION
A. provide protection of installed eifs materials from water infiltration into or behind the system.
B. provide protection of installed eifs from dust, dirt, precipitation freezing and continuous high humidity until eifs coatings are fully dry.

END OF SECTION 07240

SECTION 07540 GREASE RESISTANT PVC MEMBRANE ROOFING

PART 1 GENERAL

1.01 GENERAL
A. obtain primary flexible sheet roofing from a single manufacturer. provide secondary materials as recommended by manufacturer of primary materials. do not begin roofing installation until substrates have been inspected & are determined to be in satisfactory condition.
B. provide roofing materials recognized to be a type indicated and tested to show compliance with performance in application, or provide other similar materials certified in writing by manufacturer to be equal to or better than materials specified in every respect. provide products that are recommended by manufacturers to be fully compatible with indicated substrates, or provide separate materials as required to eliminate contact between incompatible materials.
C. roofing membrane used shall be a minimum of 60 mils (actual) with the exposed color being white.

1.02 WARRANTY
A. submit executed copy of single ply membrane manufacturer's "limited service warranty" agreement, including flashing endorsement, signed by an authorized representative of manufacturer. provide form that is published with product literature as of date of contact documents, for a period of ten years after date of substantial completion.

PART 2 PRODUCTS

2.01 MANUFACTURER/PRODUCTS
A. mechanically fastened polymer membrane: approved products: pvc membrane; subject to compliance with requirements, manufacturers offering products that may be incorporated in the work include, but are not limited to, the following
1. gaf everguard – pvc. parsippany new jersey 877–423–7663
2. duro–last roofing, saginaw, michigan, 800–248–0280
3. carlisle syn tec sure–flex pvc , carlisle, pa 717–245–7053

PART 3 EXECUTION

3.01 INSTALLATION
A. install membrane by unrolling over prepared substrate, lapping adjoining sheets as recommended by manufacturer, and bonding and sealing seams. install mechanical fasteners as recommended by manufacturer. install flashing and counter flashing as shown or recommended by manufacturer.
B. engage an experienced installer to apply single ply membrane roofing who has specialized in application of roofing systems similar to those required for this project. installer must be acceptable to or licensed by the manufacturer, "proof will be required".
C. work associated with the single ply membrane roofing, including, but not limited to, flashing and counter flashing, scuppers and down spouts, is to be performed by the installer.

END OF SECTION 07530

SECTION 07900 JOINT SEALERS

PART 1 GENERAL

1.01 GENERAL
A. provide joint sealers, joint fillers, and other related materials that are compatible with one another and with joint substrates under conditions of service and application, as demonstrated by sealant manufacturer based on testing and field experience. provide colors to match adjacent finish surfaces.
B. provide sealant backings of material and type which are nonstaining, are compatible with joint substrate, sealants, primers, and other fillers, and are approved for applications indicated by sealant manufacturer.
C. sealants: sealants shall be as follows or equal:
1. one–part polyurethane: sonneborne sonalastic np1
2. two–part polyurethane: sonneborne sonalastic np11
3. silicone: dow chemical silicone rubber bathtub caulk
D. comply with joint sealer manufacturer's printed installation instruction applicable to products and applications indicated. clean out joints immediately before installing joint sealers. prime where recommended by sealer manufacturer. do not allow migration of primer onto adjacent surfaces. mask where required to protect adjoining surfaces for staining or damage by cleaning methods to remove smears.
E. apply sealants in a manner so that appearance is that of a smooth, uniform, slightly concave bead. tool with caulking tool as required within 10 minutes of application. all joints are to be water–tight.
F. backer rod: polyethylene foam backer rod, nonstaining, closed–cell, expanded polyethylene foam as manufactured by dow chemical ethlfoam. furnish with round edge in thickness required.

END OF SECTION 07900

DIVISION 8 DOORS AND WINDOWS

SECTION 08111 STANDARD STEEL DOORS AND FRAMES

PART 1 GENERAL

1.01 GENERAL
A. provide doors & frames complying with steel door institute "recommended specifications standard steel doors and frames" ansi/sdi–100.
B. manufacturer to be a member of the steel door institute. ie: ceco building products, republic builders products or steel craft.
C. supplier to be a stocking distributor for one of the listed manufacturers with no less than five years of distribution for same manufacturer. supplier to have a "ul" or "warnock hersey" certified fabrication shop.

1.02 DOORS
A. exterior doors to be grade ii, minimum 18 ga. a60 galvannealed face sheet with 16 ga. steel hinge channel, flush top channel and inverted bottom channel. core to be honeycomb or polystyrene. door to have factory applied primed inverted top, channel with shop applied cap is not acceptable.
B. interior doors to be grade ii, minimum 20 gage cold rolled steel face sheet with 16 gage steel hinge channel. core to be honeycomb or polystyrene.
C. interior wood doors to be pre–finished s.c. flush wood doors by "mohawk" or equal standard wood veneer – stained and sealed

1.03 FRAMES
A. exterior door frame to conform to sdi/ansi a250.8–1998. fabricated of 16 ga. a60 galvannealed steel. corners to be face welded and ground smooth. paint area with a rust inhibiting primer. anchors to be concealed.
B. interior door frame to conform to sdi/ansi a250.8–1998. fabricated of 16 ga. cold rolled steel. corners to be face welded and ground smooth. paint area with a rust inhibiting primer. anchors to be concealed. prep frame for three silencers.

1.04 HARDWARE
A. prepare door and frame to receive hardware in accordance with the door schedule and templates provided by the hardware manufacturer.

1.05 FIRE RATING
A. all door and frames to be fire labeled shall have appropriate labels to meet nfpa and local building codes. it shall be the responsibility of the distributor to verify all modifications will meet the nfpa and local building codes.

END OF SECTION 08111

SECTION 08211 FLUSH WOOD DOORS

PART 1 GENERAL

1.01 GENERAL
A. do not deliver doors or install until conditions for temperature & relative humidity have been stabilized & will be maintained in storage & installation areas during remainder of construction period.

1.02 INTERIOR FLUSH WOOD SOLID CORE DOORS
A. provide doors 1 3/4", 5 or 7 ply, particle board core, conforming to awi section 1300 face veneer shall be premium grade, stain grade birch. edge strips shall be hardwood. stile edge shall not be less than 2 3/8" thick edge before trimming & shall be species compatible with face veneer top and bottom and bottom edge shall not be less than 1 1/8" before trimming.

1.03 HARDWARE
A. prepare door to receive hardware in accordance with the door schedule and templates provided by the hardware manufacturer.
B. preparation of fire doors to be done at the factory or an approved "ul" or "warnock hersey" shop.

END OF SECTION 08211

LMHT Project No. 21318

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1.11.22

PROJECT: HIGHWAY 55
3.0 PROTOTYPE
1424 CURTIS BRIDGE ROAD
WILKSBORO, NC 28697

DRAWING: ARCHITECTUAL SPECIFICATIONS

Revisions

REVISION DATE

PROJECT DATE 01/07/2022

Drawn By CIH

Checked By GRL

Sheet No. A701