SECTION 6.1 – ROUGH CARPENTRY

All lumber shall conform to grading rules of manufacturer's association under whose rules it is produced. All lumber shall bear grade and trademark. Moisture content shall be 10% for finished woods and 19% for other woods.

Keep materials under cover and dry. Protect against exposure to weather and contact with damp or wet surfaces. Stack lumber as well as plywood and other panels; provide for air circulation within and around stacks and under temporary coverings including polyethylene and similar materials.

For lumber and plywood pressure treated with waterborne chemicals, sticker between each course to provide air circulation.

Fit carpentry work to other work; scribe and cope as required for accurate fit. Correlate location of furring, nailers, blocking, grounds, and similar supports to allow attachment of other work.

Nominal sizes are indicated, except as shown by detail dimensions. Provide actual sizes as required by PS 20, for moisture content specified for each use.

~~Studs shall be stud grade S-Y-P., Douglas fir, or spruce. Framing lumber is to be #2 KD S-Y-P.~~

~~Building felt shall be #15 non-perforated asphalt saturated felt.~~

Underlayment in bathrooms shall be 3/8" underlayment INT-APA. (Use exterior glue in bath areas).

Fasteners and Anchorages. Provide size, type, material and finish as indicated and as recommended by applicable standards, complying with applicable Federal Specifications for nails, staples, screws, bolts, nuts, washers, and anchoring devices. Provide metal hangers and framing anchors of the size and type recommended by the manufacturer for each use, including recommended nails (Simpson recommended).

All exposed nails in wood trim, interior and exterior, and including beveled siding, shall be countersunk and filled with an approved compound, and sanded to a smooth finish.

All nails for exterior siding, exterior trim, fascias and railings and other exterior fasteners, including bolts and joist hangers shall be hot-dipped galvanized.

Use finishing nails for finish work. Attach grounds, nailers and blocking to substrates as required to support applied loading. Wooden nailers shall be able to resist an uplift force of 60 lbs per linear floor and shall conform to the requirements of Loss Prevention Data 1-49 of the Factory Mutual System.

Nailing and spiking of framing shall be in accordance with the N.W.P.A. Manual for House Framing. All plywood shall be installed in strict accordance with the American Plywood Association's printed instructions for the use indicated.

All wood blocking, furring, stripping, etc., including all concealed members in contact with concrete, shall be pressure treated and comply with applicable requirements of the American Wood Preservers Bureau (AWPB-LP-2).

Contractor shall lay out, cut, fit and erect blocking and stripping for all items of carpentry and trim. Wood blocking shall be cut square, closely fitted, accurately set to required lines and levels and rigidly secured in place. Set carpentry work accurately to required levels and lines, with members plumb and true and accurately cut and fitted. Securely attach carpentry work to substrates by anchoring and fastening as shown and as required by recognized standards and applicable codes.

Fabricate stair framing not to exceed to following variations between treads and risers within each flight of stairs:

DIVISION 6.2 – MILLWORK AND FINISH CARPENTRY

1. FURNISH AND INSTALL FINISHED TRIM, CABINETRY, COUNTERS, DOORS, AND ALL FINISH ITEMS SUCH AS LAMINATES AND FINISH DOOR HARDWARE, AS INDICATED AND DETAILED ON PLANS.

2. SEE DRAWINGS AND RESPONSIBILITY SCHEDULE FOR DETAILS, SIZES, DIMENSIONS.

3. FOLLOW AWI (ARCHITECTURAL WOODWORK INSTITUTE) ARCHITECTURAL WOODWORK QUALITY STANDARDS.
4. DO NOT DELIVER OR INSTALL ITEMS UNTIL BUILDING AND ROOMS RECEIVING SUCH ARE COMPLETED AND THOROUGHLY DRY AND FREE OF EXCESSIVE MOISTURE.

5. MILLWORK AND CABINETRY MAY BE SHOP OR FIELD ASSEMBLED AT CONTRACTORS OPTION.

6. INSTALL ITEMS IN A RIGID, STRAIGHT, PLUMB, LEVEL MANNER ACCURATELY FITTED AND SCRIBED TO ABUTTING SURFACES.

7. COUNTERSINK NAILS AND SCREW HEADS AND PATCH AND SAND SMOOTH.

8. CUTTING AND REPAIRING OF THIS WORK FOR ACCOMMODATION OF WORK BY OTHER SHALL BE DONE AS PART OF MILLWORK RESPONSIBILITY.

9. FINISH WOODWORK SHALL BE DRESSED AND SANDED, FREE FROM MACHINE AND TOOL MARKS, ABRASIONS, RAISED GRAIN OR OTHER DEFECTS.

10. PROTECT FINISHED WORK UNTIL ACCEPTANCE BY TENANT.

SECTION 7.0 – MOISTURE PROTECTION PER SHELL BUILDING SPECIFICATIONS

SECTION 7.2 – INSULATION

PROVIDE FOIL-FACED MINERAL WOOL OR GLASS FIBER INSULATION CONFORMING TO FEDERAL SPECIFICATIONS HHJ-I521D, TYPE III. MASS RESISTANCE OF INSULATION ONLY SHALL BE R-19 (WALLS) AND R-38 (CEILING / ROOF).

COMBUSTION CHARACTERISTICS: PASSES ASTM E 136 TEST.

DO NOT ALLOW INSULATION MATERIALS TO BECOME WET OR SOILED.

COMPLY WITH MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION OF INSULATION. INSTALL WITH FOIL VAPOR BARRIER ON INSIDE FACE OF BUILDING. EXTEND INSULATION FULL THICKNESS AS SHOWN OVER ENTIRE SURFACE TO BE INSULATED. CUT AND FIT TIGHTLY AROUND OBSTRUCTIONS, FILL VOIDS WITH INSULATION AND MASTIC.

RIGID INSULATION TO BE ICYNENE INSULATION SYSTEM OR EQUAL. TO BE PLACED UNDER EXISTING DECK-BUILDING ENVELOPE ONLY.

DIVISION 8.7 – DOOR HARDWARE– INTERIOR DOORS– TOILET ROOMS

1. FURNISH AND INSTALL FINISH HARDWARE FOR INTERIOR DOORS.

2. SEE DOOR SCHEDULE FOR SPECIFIC DOORS. FOLLOW DHI (DOORS AND HARDWARE INSTITUTE) STANDARDS AND GUIDELINES AND AWI (AMERICAN WOODWORKING INSTITUTE) STANDARDS FOR HARDWARE INSTALLED ON WOOD DOORS. ALL HARDWARE TO CONFORM TO FBC 11-4.13.9-2007.

3. FURNISH OWNER WITH MAINTENANCE DATA, MAINTENANCE PROCEDURES, MANUFACTURER'S WARRANTIES AND SPECIAL TOOLS.

4. FINISHES: BRUSHED ALUMINIUM.

5. KEYING:
A. GENERAL CONTRACTOR TO COORDINATE KEYING AND MASTER KEYING WITH CONSTRUCTION MANAGER.
B. GENERAL CONTRACTOR TO INSTALL CONSTRUCTION CORES DURING CONSTRUCTION AND REPLACE WITH PERMANENT AT END OF JOB PRIOR TO TURN-OVER.

6. HINGES: STANLEY FBB 179 AVERAGE FREQUENCY, OR EQUAL.

7. LOCKSTETS/LATCHES, IF REQUIRED: SCHLAGE D-SERIES, LEVER TYPE, LOCKSETS TO BE PRIVACY.

8. CLOSERS: NORTON – POWER ADJUSTABLE CLOSER FOR BARRIER FREE OPERATION. SERIES 8301 BF OF EQUAL. ALL NEW DOORS.

9. STOPS, KICKPLATES AND SILENCER:
WALL STOP – IVES #407, OR EQUAL OR FLOOR STOP
FLOOR STOP – IVES #436, OR EQUAL
DOOR SILENCER – IVES #20, OR EQUAL

10. COORDINATE THE WORK WITH OTHER DIRECTLY AFFECTED SECTIONS INVOLVING MANUFACTURER OR FABRICATION OF INTERNAL REINFORCEMENT FOR DOOR HARDWARE AND RECESSED ITEMS.

11. VERIFY THAT DOORS AND FRAMES ARE READY TO RECEIVE WORK AND DIMENSIONS ARE AS INDICATED.

12. INSTALL HARDWARE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

13. USE TEMPLATES PROVIDED BY HARDWARE ITEM MANUFACTURER.

DIVISION 9.0 – PAINTING

1. PROVIDE PAINT FINISHES FOR BUILDINGS AND OTHER SURFACES AS SCHEDULED ON DRAWINGS OR AS SPECIFIED HEREINAFTER. INCLUDE SEALING OF CONCRETE FLOORS. NO PAINT FINISH IS REQUIRED ON ITEMS HAVING COMPLETE FACTORY FINISH, EXCEPT AS MAY BE SPECIFIED.

2. PROTECT WORK OF OTHER TRADES FROM DAMAGE AND DEFACEMENT CAUSED BY THIS WORK. REPAIR ANY DAMAGE CAUSED BY THE WORK OF THIS SECTION. REMOVE OUTLET AND SWITCH COVER PLATES, MECHANICAL DIFFUSERS, GRILLES, ESCUTCHEONS, REGISTERS, SURFACE HARDWARE, FITTINGS AND FASTENERS PRIOR TO COMMENCING WORK. STORE, CLEAN AND REINSTALL UPON COMPLETION.

3. PAINT CONTRACTOR SHALL NOTIFY TENANT CONTRACTOR IF ANY SURFACE IS FOUND UNSUITABLE FOR TO PRODUCE PROPER FINISH. APPLY NO MATERIAL UNTIL SURFACE IS REPAIRED AND MADE SATISFACTORY

4. FINISH WORK SHALL BE UNIFORM, OF APPROVED COLOR, SMOOTH AND FREE FROM RUNS. MAKE ENDS OF PAINT ADJOINING OTHER MATERIALS OR COLORS SHARP AND CLEAN. WHERE HIGH GLOSS ENAMEL IS USED, LIGHTLY SAND UNDERCOAT TO OBTAIN A SMOOTH FINISH COAT.

5. PROVIDE NEWLY PAINTED SURFACES WITH ONE (1) COAT OF TINTED PRIMER, AND TWO (2) COATS OF FINAL COLOR COAT, UNLESS OTHERWISE RECOMMENDED BY PAINT MANUFACTURER.

6. DELIVER ALL PAINTS IN ORIGINAL UNOPENED CONTAINERS BEARING MANUFACTURER'S LABELS AND SHOWING PAINT TYPE, SHEEN AND COLOR.

7. PAINT TYPES USED SHALL BE THOSE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE MATERIAL TO WHICH THEY WILL BE APPLIED. PAINTING CONTRACTOR SHALL FOLLOW MANUFACTURER'S INSTRUCTIONS FOR PROPER APPLICATION OF THE PAINT.

8. ALL SURFACES TO BE PAINTED SHALL BE THOROUGHLY CLEANED AND PREPARED FOR PAINTING . PROVIDE PROPER VENTILATION IN THE WORK AREA TO PREVENT BUILD-UP OF FUMES.

9. AT COMPLETION, TOUCH-UP AND RESTORE FINISH WHERE DAMAGED AND LEAVE ALL SURFACES IN GOOD CONDITION. PROVIDE FOR MULTIPLE SITE VISITS TO REPAIR AND REFINISH.

10. OTHER PAINT MANUFACTURERS MAY BE USED WITH APPROVAL OF ARCHITECT.

DIVISION 9.1 – CEILING SUSPENSION SYSTEMS

1. PROVIDE ACOUSTICAL PANEL CEILINGS IN KITCHEN WITH EXPOSED SUSPENSION GRID, AS SHOWN ON THE DRAWINGS.

2. SUSPENSION SYSTEM AND ACOUSTIC PANELS AS LISTED ON REFLECTED CEILING PLAN SHEET AND RESPONSIBILITY SCHEDULE.

3. REFER TO DRAWINGS FOR LOCATION OF SPECIFIED MATERIALS AND FINISHES. WHERE REQUIRED BY CODES, CEILING ASSEMBLIES ARE TO CONFORM WITH UNDERWRITERS LABORATORIES DESIGN FOR ONE HOUR FIRE RATED ASSEMBLIES.

4. AT TIME OF COMPLETION, DELIVER TWO PACKAGES OF ACOUSTICAL PANELS TO THE TENANT OF EACH TYPE OF MATERIALS USED, FOR FUTURE REPLACEMENT USE.

5. COMPLY WITH ASTM C 635 FOR INTERMEDIATE – DUTY CLASS SYSTEM. SIZE ATTACHMENT DEVICES FOR FIVE (5) TIMES DESIGN LOAD. HANGER WIRE SHALL BE GALVANIZED CARBON STEEL, ASTM A641, SOFT TEMPER, PRE-STRETCHED, 12 GA MINIMUM.

6. COMPLY WITH MANUFACTURER'S PRINTED INSTRUCTIONS AND WITH GOVERNING REGULATIONS, FIRE-RESISTANCE RATING REQUIREMENT AND WITH INDUSTRY STANDARDS APPLICABLE TO THE WORK.

7. INSTALL SUSPENSION SYSTEM TO COMPLY WITH ASTM C 636, WITH HANGERS SUPPORTED ONLY FROM BUILDING STRUCTURAL MEMBERS. LOCATE HANGERS WITHIN 6" FROM EACH END AND SPACE 4'-0" ALONG EACH CARRYING CHANNEL OR DIRECT-HUNG RUNNER. SECURE WIRE HANGERS BY LOOPING AND WIRE TYPING EITHER DIRECTLY TO STRUCTURES OR TO INSERTS, EYE-SCREWS, OR OTHER DEVICES WHICH ARE SECURE AND APPROPRIATE FOR SUBSTRATE.

8. INSTALL EDGE MOLDINGS AT PERIMETER OF ACOUNSTICAL CEILING AREA AND AT LOCATIONS WHERE NECESSARY TO CONCEAL EDGES OF ACOUNSTICAL UNITS.

9. INSTALL ACOUSTICAL PANELS IN COORDINATION WITH SUSPENSION SYSTEM, WITH EDGES CONCEALED BY SUPPORT OF SUSPENSION, MEMBERS, SCRIBE AND CUT PANELS TO FIT ACCURATELY AT BORDERS AND PENETRATIONS.

10. INSTALL HOLD-DOWN CLIPS IF REQUIRED BY CODE.

11. BYP. BD. CEILINGS AND SOFFITS TO BE GIVEN A FLAT AND SMOOTH FINISH TO ACCEPT PAINT FINISH. REFER TO SECTION 9.25 "GYPSUM BOARD SYSTEMS".

DIVISION 9.2 – GYPSUM BOARD SYSTEMS

1. FURNISH AND INSTALL ALL BYPSUM DRYWALL AND SYSTEMS COMPLETE WITH PARTITION FRAMING, CEILING SUSPENSION SYSTEMS AND RELATED ACCESSORIES, PARTS, MATERIALS, ETC. AS SHOWN ON DRAWINGS AND AS SPECIFIED. INSTALL ALL MATERIALS PER MANUFACTURERS SPECIFICATIONS AND RECOMMENDATIONS.

2. GYPSUM DRYWALL: ALL GYPSUM BOARD TO BE 5/8" TYPE "X" AS NOTED ON NEW CONSTRUCTION PLAN. REST ROOMS TO RECEIVE MOISTURE RESISTANT GYPSUM BOARD.

3. FASTENERS: DRYWALL SCREWS OF PROPER SIZE AND TYPE PER MANUFACTURERS RECOMMENDATIONS.

4. PROVIDE MATERIALS, JOINT COMPOUNDS, TRIM, EDGES, BEADS, ETC. FROM A SINGLE SOURCE SUPPLIER. ALL TRIM SHALL CONSIST OF A TAPERED, GROOVED, AND PRE PUNCHED FIN FOR SCREW ATTACHMENT AND TO ACCEPT BONDING AGENT. ALL BUTT JOINTS ARE TO BE NEAT WITH TIGHT JOINTS. ALL OUTSIDE CORNERS ARE TO HAVE METAL SCREED, CASING BEADS OR CORNER BEADS AS REQUIRED. ALL EXPOSED EDGES, BEADS AND TRIM TO BE PRE-FINISH ALUMINUM.

5. E JOINT TREATMENT: U.S. GYPSUM OR GOLD BOND SYSTEM OF COMPOUNDS AND PERFORATED TAPE.
A. ERECT GYPSUM BOARD IN A SINGLE LAYER IN THE MOST ECONOMICAL DIRECTION WITH ENDS AND EDGES OCCURRING OVER FIRM BEARING.
B. WALLS, CEILINGS AND SOFFITS, AND ALL TRANSITIONS IN SAME, SHALL BE GIVEN A SMOOTH FINISH.
C. CORNER BEADS SHALL BE APPLIED TO ALL EXTERNAL ANGLES IN STRICT ACCORDANCE WITH THE MANUFACTURERS DIRECTIONS. INSTALL CASING BEADS AT ALL EDGES OF DRYWALL WORK EXCEPT WHERE TERMINATION IS COVERED BY OTHER FINISH. CASING BEADS SHALL BE MITERED AT CORNERS AND INSTALLED NEATLY, FINISHED WITH COMPOUND.
D. JOINTS BETWEEN BOARDS SHALL BE REINFORCED WITH TAPE EXCEPT WHERE CONTROL JOINTS ARE REQUIRED. TAPE FIELD JOINTS, INTERIOR CORNER JOINTS AND WALL TO CEILING JOINTS. FILL JOINTS WITH JOINT FILLING COMPOUND AND EMBED TAPE THEREIN. COVER TAPE WITH BEDDING COMPOUND AND TAPER TO FEATHER EDGES. FILL SCREW HEAD DEPRESSIONS WITH JOINT FILLING COMPOUND AND FEATHER THE EDGES. ALLOW TO DRY.
E. COVER TAPED AND FILLED JOINTS AND FILLED SCREW HEAD DEPRESSIONS WITH TOPPING COMPOUND APPLIED IN THREE COATS. PERMITTING THE PREVIOUS COAT TO DRY PRIOR TO INSTALLING THE SUBSEQUENT COAT.
F. SAND JOINT AND SCREW HEAD AREAS LIGHTLY BETWEEN COATS AND AFTER THE FINAL COAT SO THAT A SMOOTH LEVEL SURFACE IS PRODUCES WITH THE PAPER SURFACE OF THE WALLBOARD FREE OF SCUFFING.

6. PATCH AND/OR REPAIR EXISTING DRYWALL TO REMAIN TO LIKE NEW CONDITION. LEVEL ANY UNEVEN OR ROUGH SPOTS AND FINISH SMOOTH. BULGES AND VISUAL DEPRESSIONS ARE NOT ACCEPTABLE.

7. INSTALL CEMENTITIOUS BACKER BOARD AT ALL AREAS TO RECEIVE TILE OR MARBLE, OR AS SHOWN ON DRAWINGS.

8. ACCESS PANELS:
A. G.C. SHALL PROVIDE AND INSTALL ACCESS PANELS AS REQUIRED BY LANDLORD AND SITE CONDIATIONS (COORDINATE SIZE REQUIREMENTS, NUMBER OF PANELS REQUIRED AND LOCATIONS WITH LANDLORD AND ALL MECHANICAL TRADES).
B. ACCESS PANELS SHALL BE FLUSH TYPE (NO EXPOSED FLANGES) STYLE "DW" AS MANUFACTURED BY: MILCOR, 1101 EAST KIBBY, LIMA OHIO, 45804. PHONE NUMBER: 419-6899. (SIZE AS REQUIRED)
C. PANELS TO BE FACTORY PRIMED (WHITE) READY TO RECEIVE FINAL FINISH (PAINT) BY G.C.

DIVISION 9.5 – VINYL RESILIENT TILE FLOORING

1. G.C. TO SUPPLY AND INSTALL 1/8" X 12" X12" VINYL RESILIENT TILES, AS SHOWN AND SPECIFIED ON THE DRAWINGS

2. INSTALL 4" HIGH X 1/8" THICK, TOP SET, COVED VINYL BASE, AT ALL WALLS IN AREAS TO RECEIVE VINYL TILE FLOORING, AS SPECIFIED ON DRAWINGS.

3. SEE FINISH SCHEDULE FOR SPECIFIC COLORS AND MANUFACTURER.

4. PREP SLAB AS REQUIRED TO RECEIVE NEW VINYL TILE.

5. FILL ALL CRACKS, JOINTS, ETC. IN SUB-FLOOR WITH CRACK FILLER APPROVED BY FLOORING MANUFACTURER. INSTALL ALL MATERIALS WITH WATERPROOF TYPE ADHESIVES AS RECOMMENDED BY FLOORING MANUFACTURER FOR MATERIALS AND SURFACES INVOLVED.

6. SLOPE FLOOR TILE TO DRAINS. SUBSTRATE MUST ALSO BE SLOPED TO DRAIN.

7. ALL VCT SHALL BE CLEANED, SEALED, AND WAXED BY G.C. PRIOR TO TURNOVER.

DIVISION 10 – SPECIALTIES

1. PROVIDE A MINIMUM OF THREE (3) 10 LB A.B.C. TYPE PROTABLE FIRE EXTINGUISHER. FIRE EXTINGUISHER TO BE FURNISHED WITH MOUNTING BRACKETS. THE EXACT LOCATION OF THESE DEVICES WILL BE DETERMINED BY THE LOCAL FIRE MARSHALL AT THE TIME OF FINAL INSPECTION FOR CERTIFICATE OF OCCUPANCY AND COORDINATED WITH TENANT CONTRACTOR. TENANT CONTRACTOR TO INSTALL.

2. FURNISH AND INSTALL BARRIER FREE GRAB BARS AS REQUIRED ON DRAWING. "BOBRICK "B-68137.

3. FURNISH AND INSTALL TOILET SIGN(S). SEE DRAWINGS.

DIVISION 11 – NOT USED

DIVISION 12 – FURNISHINGS

1. RETAIL MERCHANDISING EQUIPMENT, STORE FIXTURES, DISPLAYS, SHELVING, FURNISHING AND CASH REGISTER SHALL BE FURNISHED AND INSTALLED BY TENANT. FIXTURE CONTRACTOR AND TENANT BUILDING CONTRACTOR TO COORDINATE THIS WITH FIXTURE INSTALLER

DIVISION 13 – FIRE PROTECTION SYSTEM

FIRE SPRINKLER SYSTEM:
AN AUTOMATIC FIRE SPRINKLER SYSTEM IS EXISTING WITHIN THIS SPACE. CONTRACTOR SHALL REWORK AND MODIFY THE SYSTEM AS REQUIRED FOR THE NEW SPACE CONFIGURATION AND CEILING HEIGHTS. MODIFICATIONS SHALL BE DESIGNED AND INSTALLED AS REQUIRED FOR THE NEW SPACE CONFIGURATION AND CEILING HEIGHTS. MODIFICATIONS SHALL BE DESIGNED AND INSTALLED BY A QUALIFIED LICENSED FIRE SPRINKLER CONTRACTOR WHO SHALL PREPARE DESIGN / SHOP DRAWINGS OF THE SYSTEM AND SUBMIT SUCH DRAWINGS TO THE LANDLORD, THE TENANTS ARCHITECT AND THE BUILDING AND FIRE DEPARTMENTS FOR APPROVAL PRIOR TO FABRICATION AND INSTALLATION. ALL WORK SHALL BE DONE IN ACCORDANCE WITH NFPA 13, LIFE SAFETY STANDARD 101 , ALL STATE AND LOCAL CODES.

FIRE PROTECTION GENERAL NOTES

I. THIS BUILDING SHALL BE PROTECTED A DRY PIPE SPRINKLER SYSTEM. DESIGNED PER THE CURRENTLY ACCEPTED EDITION OF NFPA #13, #24, THE FLORIDA BUILDING CODE, THE LOCAL AUTHORITY HAVING JURISDICTION, THE OWNERS INSURANCE UNDERWRITER, AND THESE DOCUMENTS.

2. THE SPRINKLER SYSTEM SHALL BE DESIGNED TO THE AVAILABLE CITY WATER SUPPLY. THE CONTRACTOR SHALL HAVE A CURRENT WATER FLOW TEST (LESS THAN THREE MONTHS OLD) PERFORMED PRIOR TO STARTING DESIGN. THE CONTRACTOR SHALL ALSO HAVE A 24 HOUR TEST PERFORMED AT THE SAME TIME AS THE FLOW TEST AND SHALL CALCULATE THE SYSTEM TO THE FLOW TEST AS ADJUSTED BY THE 24 HOUR TEST.

3. SPRINKLER HEADS INSTALLED IN LAY-IN ACOUSTICAL TILE CEILINGS SHALL BE INSTALLED IN THE CENTER OF THE CEILING TILES.

4. THE SHOP DRAWINGS SHALL BE ON A (MINIMUM) SCALE OF 1/8"=1'-0, BUILDING SECTIONS, RISER DETAILS AND OTHER DETAILS SHALL BE ON AT (MINIMUM) SCALE OF 1/2"=1'-0". THESE DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT FOR HIS REVIEW AND COMMENTS PRIOR TO ORDERING, PURCHASING, FABRICATING, AND OR INSTALLING ANY FIRE PROTECTION EQUIPMENT. SHOP DRAWINGS SHALL ALSO BE SUBMITTED TO THE LOCAL AUTHORITY HAVING JURISDICTION AND THE OWNERS INSURANCE UNDERWRITER FOR THEIR REVIEW AND APPROVAL PRIOR TO ORDERING, PURCHASING, FABRICATING, AND OR INSTALLING ANY FIRE PROTECTION EQUIPMENT. THE SHOP DRAWINGS
AND HYDRAULIC CALCULATIONS SHALL BE STAMPED BY THE SPRINKLER CONTRACTORS CERTIFICATE HOLDER, OR ENGINEER PRIOR TO SUBMITTAL.

5. THE CONTRACTOR SHALL COORDINATE THE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL FIRE PROTECTION EQUIPMENT WITH THE ELECTRICAL DRAWINGS AND SHALL FURNISH EQUIPMENT WIRED FOR THE VOLTAGES SHOWN THEREON.

6. THE SPRINKLER SYSTEM SHALL BE DESIGNED WITH A 10 PSI SAFETY MARGIN AND WITH A MAXIMUM WATER VELOCITY OF 20 FEET PER SECOND.

7. THE KITCHEN, BAR, AND SERVICE AREAS SHALL BE DESIGNED PER NFPA 13 FOR AN ORDINARY HAZARD GROUP I OCCUPANCY. THE SEATING AREAS SHALL BE DESIGNED PER NFPA 13 FOR A LIGHT HAZARD OCCUPANCY. ALL SPRINKLERS SHALL BE QUICK RESPONSE. THE HYDRAULIC CALCULATIONS SHALL BE PREPARED USING THE AREA DENSITY METHOD WITH A DENSITY OF 0.15 GPM PER SQ FT OVER A REMOTE AREA OF 1950 SQ FT, PLUS 250 GPM FOR HOSE STREAMS FOR THE ORDINARY HAZARD AREAS AND A DENSITY OF 10 GPM PER SQ. FT. OVER A REMOTE AREA OF 1950 SQ. FT. PLUS 100 GPM FOR HOSE STREAMS
FOR THE LIGHT HAZARD AREAS, THE CONTRACTOR SHALL COORDINATE THE SPRINKLER SYSTEM WITH ALL OTHER TRADES TO INSURE ALL TRADES CAN FIT INTO THE BUILDING SPACES ASSIGNED THEM. GRIDDED SYSTEMS ARE NOT TO BE USED. THE MINIMUM PIPE SIZE SHALL BE 1-1/4", EXCEPT PIPE TO ONLY 1 SPRINKLER HEAD, WHICH MAY MAY BE 1".

8. PIPE SLEEVES SHALL BE SET FOR CONCRETE FLOORS AND FIRE WALLS PRIOR TO BEING THEM BEING POURED OR CONSTRUCTED.

9. ALL HOLES THROUGH FIRE WALLS SHALL BE CAULKED WITH SUITABLE MATERIALS APPROVED FOR THAT PURPOSE.

10. ALL FIRE PROTECTION EQUIPMENT SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS AND NFPA.

11. ALL CONTROL VALVES SHALL HAVE A TAMPER SWITCH SUPPLIED AND INSTALLED BY THE SPRINKLER CONTRACTOR. WIRING OF THE SWITCHES WILL BE BY THE ELECTRICAL CONTRACTOR.

12. ALL SPRINKLER PIPING SHALL BE INSTALLED ABOVE THE CEILINGS WHERE CEILINGS ARE TO BE INSTALLED AND AS HIGH AS IS POSSIBLE IN AREAS WITHOUT FINISHED CEILINGS.

13. WHERE THE REQUIREMENTS OF OWNERS AND THE OWNERS INSURANCE UNDERWRITERS AND THESE DOCUMENTS EXCEED THOSE OF THE NATIONAL FIRE CODES AND THE BUILDING CODE THEY SHALL PREVAIL.

14. ALL 1" THROUGH 2" PIPE SHALL BE BE GALVANIZED SCHEDULE 40. 2-1/2" AND LARGER PIPE MAY BE GALVANIZED SCHEDULE 10. THREADABLE SHALL "NOT" BE USED. PIPE WITH A WALL THICKNESS LESS THAN SCHEDULE 10 SHALL "NOT" BE USED. PIPE HANGERS, HEADS, AND DEVICES EXPOSED TO THE ELEMENTS SHALL GALVANIZED AND OR CORRO-PROOF.

15. SPRINKLERS HEADS SHALL BE:
A. BRASS UPRIGHT OR PENDENT IN AREAS OF EXPOSED STRUCTURE.
B. FULLY CONCEALED DRY PENDENT IN AREAS WITH CEILINGS.
C. SPRINKLERS OUTSIDE OF THE CONDITIONED ENVELOPE OF THE BUILDING SHALL BE CORRO PROOF.

16. A PROPERLY COMPLETED CONTRACTORS MATERIAL AND TEST CERTIFICATE SHALL BE PROVIDED FOR THE UNDERGROUND PIPE PRIOR TO CONNECTING TO THE INSIDE PORTION OF THE SYSTEM.

17. A PROPERLY COMPLETED CONTRACTORS MATERIAL AND TEST CERTIFICATE SHALL BE PROVIDED FOR THE INSIDE PORTION OF THE SYSTEM.

18. THE SPRINKLER SYSTEM SHALL BE HUNG, SUPPORTED, IN ACCORDANCE WITH NFPA #13 HANGER LOCATIONS SHALL BE SHOWN ON THE SUBMITTED DRAWINGS.

19. PIPE SIZES SHOWN ARE SUGGESTED, ACTUAL SIZES SHALL BE ESTABLISHED BY THE SPRINKLER CONTRACTOR BY HYDRAULIC CALCULATIONS

DIVISION 14 – NOT USED

DIVISION 15 – MECHANICAL / PLUMBING ON MEP DRAWINGS

DIVISION 16 – ELECTRICAL ON MEP DRAWINGS

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W. ANDREW POPE
LOUISIANA LICENSE 3053

PROJECT

STIX HIBACHI RESTAURANT
CAMELLIA SQUARE
SLIDELL, LOUISIANA

STIX HIBACHI & SUSHI

ISSUED FOR :
- ☐ SCHEMATICS
- ☐ DESIGN DEVELOPMENT
- ☐ 60% REVIEW
- ☐ 100% CONTRACT DOCUMENTS
- ☐ DEVELOPMENT ORDER
- ☐ PRICING
- ☐ BIDDING
- ☒ PERMIT
- ☐ CONSTRUCTION

DATE:
NO. OF PAGES:

SHEET TITLE

GENERAL SPECIFICATIONS

DATE
MAY 30 2013

REVISIONS

DATE	REMARKS

SPEC-2

SHEET NO.