

GENERAL CONDITIONS FOR THE CONTRACT FOR CONSTRUCTION

ARTICLE 1 - GENERAL PROVISIONS

1. THE STANDARD FORM OF GENERAL CONDITIONS, CURRENT EDITION OF THE AMERICAN INSTITUTE OF ARCHITECTS, DOCUMENT NO. A-201, ARE HEREBY MADE A PART OF THESE SPECIFICATIONS AND SHALL APPLY THE SAME AS IF REPEATED HERE IN FULL. COPIES OF SAME SHALL BE ON FILE AT THE OFFICE OF THE ARCHITECT.

2. ALL INTERESTED PARTIES SHALL BE GOVERNED BY THOSE GENERAL CONDITIONS IN ALL MATTERS PERTAINING TO THIS PROJECT, DURING THE PERIOD OF CONSTRUCTION, AND PARTICIPATION IN THE PROJECT WILL BE CONSIDERED PRESUMPTIVE EVIDENCE OF THE PARTICIPANTS' FULL UNDERSTANDING OF, AND AGREEMENT WITH, THE CONDITIONS OF THE REFERENCED GENERAL CONDITIONS.

3. THE GENERAL CONDITIONS, SPECIAL PROVISIONS, GENERAL REQUIREMENTS, AND TECHNICAL SPECIFICATIONS, ALONG WITH THE OTHER CONDITIONS WHICH FOLLOW, AND AS PROVIDED, AS WELL AS ALL APPLICABLE PROVISIONS OF THE SPECIFICATIONS, FORM A PART OF THE CONTRACT AND SHALL GOVERN EACH CONTRACTOR ENGAGED IN WORK ON THE PROJECT WHETHER THE WORK BE LET UNDER SEPARATE CONTRACTS OR UNDER A SINGLE CONTRACT.

4. BASIC DEFINITIONS: THE CONTRACT DOCUMENTS CONSIST OF THE AGREEMENT BETWEEN OWNER AND CONTRACTOR, CONDITIONS OF THE CONTRACT AND ALL DOCUMENTS LISTED BELOW.

THE CONTRACT DOCUMENTS SHALL INCLUDE: DRAWINGS AS LISTED IN THE INDEX OF THIS SET, SPECIFICATION DIVISION 1-16 INCLUSIVE, ALL MODIFICATIONS ISSUED AFTER EXECUTION OF THE CONTRACT, EQUIPMENT INSTALLATION HAND BOOK.

5. PHRASES USED IN THE SPECIFICATIONS ARE DEFINED AS FOLLOWS: "AS SHOWN" - AS SHOWN ON THE ACCOMPANYING DRAWINGS.

"PROVIDE" - PROVIDE AND INSTALL COMPLETE, WITH ALL NECESSARY ACCESSORIES AND INCIDENTAL MATERIALS AND SUPPLIES.

"PROVIDED BY OWNER" - MATERIALS OR GOODS WILL BE DELIVERED F.O.B. JOBSITE BY THE OWNER AT NO EXPENSE TO THE GENERAL CONTRACTOR. UNLOADING, STORAGE, INSTALLATION, AND/OR ASSEMBLY OF ITEMS "PROVIDED BY OWNER" SHALL BE BY GENERAL CONTRACTOR UNLESS OTHERWISE NOTED.

"INSTALL" - INSTALL ITEMS, COMPLETE, PROVIDING ALL INCIDENTAL AND NECESSARY SUPPLIES AND MATERIALS.

"GENERAL CONTRACTOR" - THE GENERAL CONTRACTOR OR ANY OR ALL OF HIS VARIOUS SUBCONTRACTORS.

"OWNER" - ALL GENERAL CONDITIONS REFERENCES TO "OWNER" SHALL REFER TO PANDA EXPRESS, INC.

"CONTRACTOR" AND "GENERAL CONTRACTOR" AS STATED IN THESE DOCUMENTS REFER TO THE SAME ENTITY.

ARTICLE 2 - INSURANCE

THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS ARE REQUIRED TO OBTAIN THE FOLLOWING INSURANCES, AND AT THEIR REQUEST FURNISH EVIDENCE TO PANDA EXPRESS. ALL INSURANCE SHALL NAME PANDA RESTAURANT GROUP, INC., AND THE ARCHITECTS AS ADDITIONAL INSURED PARTIES.

WORKMANS COMPENSATION INSURANCE IN ACCORDANCE WITH THE LAWS OF THE STATE IN WHICH THE PROPERTY IS LOCATED AND PANDA EXPRESS REQUIREMENTS. PANDA EXPRESS SHALL KEEP A COPY IN FILE ALL TIME.

COMPREHENSIVE GENERAL LIABILITY INSURANCE INCLUDING CONTRACTUAL LIABILITY WITH LIMITS SET FORTH BY THE PANDA EXPRESS.

AUTOMOBILE LIABILITY INSURANCE INCLUDING CONTRACTUAL LIABILITY AS SET FORTH BY THE PANDA EXPRESS.

BUILDER'S RISK INSURANCE IN THE AMOUNT OF THE ESTIMATED COST OF THE PROJECT.

THE CONTRACTOR AGREES TO INDEMNIFY AND SAVE HARMLESS PANDA EXPRESS, ITS AGENTS, SERVANTS, AND EMPLOYEES, AND THE OWNER'S ARCHITECT AND ENGINEER FROM AND AGAINST ANY AND ALL LIABILITY OR DAMAGE TO PROPERTY OCCASIONED BY ANY ACT OR OMISSION OF THE CONTRACTOR, HIS SUBCONTRACTORS, SERVANTS, OR EMPLOYEES, INCLUDING ANY AND ALL EXPENSE, LEGAL, OR OTHERWISE, WHICH MAY BE INCURRED BY PANDA EXPRESS, ITS AGENTS SERVANTS, OR EMPLOYEES IN THE DEFENSE OF ANY CLAIM, SETTLEMENT OR SUIT.

ARTICLE 3 EXTRA WORK

1. ANY AND ALL WORK WHICH IS PERFORMED BY THE CONTRACTOR, OR BY ANY SUBCONTRACTOR, WITHOUT HAVING SPECIFIC APPROVAL FROM PANDA EXPRESS IN WRITING, SHALL BE PERFORMED BY SAID CONTRACTOR AT HIS OWN RISK WITHOUT ANY OBLIGATION OR RESPONSIBILITY OF PANDA EXPRESS OR THE ARCHITECT. ALL WORK WHICH IS ABOVE AND BEYOND THE SCOPE OF THE DRAWINGS AND SPECIFICATIONS, OR ANY PART OF THE CONSTRUCTION DOCUMENTS, MUST BE SPECIFICALLY AUTHORIZED BY PANDA EXPRESS IN WRITING. ALL REQUESTS FOR ADDITIONAL PAYMENTS MUST BE APPROVED BY THE OWNER PRIOR TO THE START OF THAT WORK.

2. THE FOLLOWING GENERAL REQUIREMENTS SUPPLEMENT AND/OR SUPERSEDE THE FOREGOING GENERAL AND SUPPLEMENTARY CONDITIONS FOR CONTRACT WORK AND ARE HEREBY CONSIDERED A PART OF THE CONTRACT DOCUMENTS.

DIVISION 1 GENERAL REQUIREMENTS

1. SCOPE

SCOPE ALL OF THE WORK UNDER EACH HEADING OF THESE SPECIFICATIONS SHALL BE GOVERNED BY THE GENERAL CONDITIONS, SPECIAL PROVISIONS, THE DRAWINGS AND THE SPECIFICATIONS, AS WELL AS THE FOLLOWING GENERAL REQUIREMENTS

THE WORK UNDER EACH HEADING OF THESE SPECIFICATIONS SHALL INCLUDE ALL LABOR, MATERIAL, EQUIPMENT AND SERVICES NECESSARY FOR AND SAID HEADING AS INDICATED ON THE DRAWINGS, SET FORTH IN THE SPECIFICATIONS, OR OTHERWISE REQUIRED.

WORK DONE HEREUNDER INCLUDES FURNISHING ALL LABOR, MATERIAL SERVICES, AND EQUIPMENT NECESSARY AND/OR INCIDENTAL TO PERFORM ALL WORK THROUGH THE PROPER COMPLETION OF ALL WORK AS MAY BE FURTHER SPECIFIED AND/OR SHOWN ON THE PLANS, OR OTHERWISE REQUIRED.

2. CONFLICTS BETWEEN DOCUMENTS

IN CASE OF CONFLICT BETWEEN DRAWINGS AND SPECIFICATIONS THE CONTRACTOR WILL BE DEEMED TO HAVE ESTIMATED ON, AND AGREED TO PROVIDE, THE GREATEST QUANTITY AND BETTER QUALITY OF MATERIALS AND WORK.

INCLUDE GENERAL CONSTRUCTION, ELECTRICAL, PLUMBING, HVAC, AND INSTALLATION OF ALL SUCH WORK EXCEPT AS HEREINAFTER MAY BE REQUIRED.

3. ITEMS FURNISHED BY PANDA AND INSTALLED BY GENERAL CONTRACTOR

IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO RECEIVE, CHECK AND CONFIRM THE ARRIVAL IN GOOD ORDER, OF ALL ITEMS CALLED FOR TO BE FURNISHED BY PANDA EXPRESS AND INSTALLED BY THE CONTRACTOR.

THE CONTRACTOR SHALL NOTIFY PANDA EXPRESS (IN WRITING) OF ANY SUCH ITEMS MISSING OR DAMAGED WITHIN 3 DAYS OF RECEIVING DATE. FAILURE TO SO NOTIFY PANDA EXPRESS WILL BE CONSIDERED PROOF PRESUMPTIVE THAT ALL SAID ITEMS HAVE ARRIVED UNDAMAGED, AND IN THE PROPER QUANTITIES, AND IT SHALL THEN BE THE CONTRACTOR'S RESPONSIBILITY (AT HIS OWN COST) TO PROMPTLY REORDER, REPLACE AND/OR REPAIR ANY SUCH ITEMS NEEDED FOR THE PROPER COMPLETION OF THIS PROJECT, ON THE AGREED TO DATE OF COMPLETION.

4. MEASUREMENTS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR AN ACCURATE TAKING OF JOB SITE MEASUREMENTS, VERIFYING SAME, AND PROMPTLY FURNISHING EXACT JOB SITE MEASUREMENTS TO ALL PARTIES REQUIRING SAME. CONTRACTOR MUST NOTIFY PANDA EXPRESS AND THE ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY. THE CONTRACTOR SHALL CHECK SALES CASEWORK SHOP DRAWINGS AS TO CORRECT ANGLES AND FIT TO THE EXISTING SPACE AS SHOWN. THE CONTRACTOR SHALL PERMANENTLY LAYOUT THE CASEWORK ON THE FLOOR PRIOR TO THE CONSTRUCTION OF WALL, CEILING, LIGHT FIXTURES, ETC.

WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. LARGER SCALE DRAWINGS SHALL TAKE PRECEDENCE OVER SMALLER SCALE DRAWINGS.

5. SUBSTITUTIONS

BIDDERS MAY OFFER SUBSTITUTIONS FOR ANY ITEM SPECIFICATION BY SUBMITTING IN WRITING AS OUTLINED IN SPACE PROVIDED ON PROPOSAL FORM.

IT SHALL BE UNDERSTOOD BY ALL HEREIN CONCERNED THAT ANY PROPOSAL SUBSTITUTION SHALL HAVE THE WRITTEN APPROVAL OF ARCHITECT AND/OR OWNER'S REPRESENTATIVE, BEFORE BEING USED BY CONTRACTOR, OTHERWISE IT WILL BE ASSUMED THAT THE CONTRACTOR'S TOTAL BID IS BASED UPON THE MATERIAL OR ITEM OF EQUIPMENT SPECIFIED.

6. EXAMINATION OF SITE AND BUILDING

BEFORE SUBMITTING A PROPOSAL, EACH BIDDER SHALL EXAMINE ALL DOCUMENTS, VISIT THE SITE, VERIFYING ANY SPECIAL CHARGES OR REQUIREMENTS, COMPARING EACH TO THE OTHER AND INFORMING THEMSELVES OF ALL CONDITIONS UNDER WHICH WORK IS TO BE PERFORMED. INCLUDE ALL RELEVANT MATTERS WHICH MAY AFFECT THE WORK OR THE BIDDING. EACH BIDDER SHALL BASE HIS PROPOSAL ON MATERIAL, METHODS AND/OR EQUIPMENT COMPLYING WITH THE SPECIFICATIONS AND DRAWINGS.

THE WORDS "THE CONTRACTOR SHALL" ARE INTENTIONALLY OMITTED FROM THE SPECIFICATIONS. WHERE DIRECTIONS OR INSTRUCTIONS ARE STATED, WITHOUT SPECIFIC REFERENCE AS TO WHO IS RESPONSIBLE, THE INFERENCE IS INTENDED TO BE THE CONTRACTOR FOR THE WORK IN THE SPECIFICATION SECTION IN WHICH THE DIRECTIONS OR INSTRUCTIONS ARE INTENDED.

7. CODES AND STANDARDS

ALL WORK, MATERIALS AND INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH ALL ORDINANCES, STATE AND LOCAL BUILDING CODES, LATEST EDITION, OF THE AUTHORITIES HAVING JURISDICTION.

DESIGN LOADS: LOADS AND CODE RESTRICTIONS FOR ALL DESIGN CONSIDERATIONS SHALL CONFORM TO THE LOCAL AND STATE CODES, AND ALL GOVERNING CODES.

8. PERMITS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER APPLICATION FOR AND SECURING OF ALL NECESSARY TRADE PERMITS, AS WELL AS THE OBSERVANCE OF ALL APPLICABLE CITY, COUNTY, STATE AND FEDERAL LAWS, REGULATIONS OR ORDINANCES AND SHALL INCLUDE IN THEIR PROPOSAL COST OF SAME.

9. INSTALLATION OF MATERIALS AND EQUIPMENT

ATTENTION IS HEREBY DIRECTED TO THE FOLLOWING REQUIREMENT FOR EACH PRIME AND SUBCONTRACTOR, THAT THE APPLICATION OF A MATERIAL AND/OR EQUIPMENT ITEM TO UNSATISFACTORY WORK INSTALLED BY OTHERS, CONSTITUTES ACCEPTANCE OF THAT WORK AND ASSUMPTION OF FULL RESPONSIBILITY FOR PRIOR TO STARTING THE SPECIFIC APPLICATION, NOTIFY IN WRITING THE ARCHITECT AND/OR OWNER'S REPRESENTATIVE OF ANY DEFECT OR DEFICIENCY WHICH WOULD IMPAIR COMPLETE AND SATISFACTORY APPLICATIONS OR INSTALLATION OF HIS WORK OR GUARANTEE.

MANUFACTURER'S INSTRUCTIONS: WHERE INSTALLATIONS INCLUDE MANUFACTURED PRODUCTS, COMPLY WITH MANUFACTURER'S APPLICABLE INSTRUCTIONS AND RECOMMENDATIONS FOR INSTALLATION, TO THE EXTENT THESE ARE MORE EXPLICIT OR MORE STRINGENT THAN REQUIREMENTS INDICATED IN THE CONTRACT DOCUMENTS.

PROVIDE ATTACHMENT AND CONNECTION DEVICES AND METHODS FOR SECURING WORK PROPERLY AS IT IS INSTALLED, TRUE TO LINE AND LEVEL, AND WITHIN RECOGNIZED INDUSTRY TOLERANCES IF NOT OTHERWISE INDICATED. ALLOW FOR EXPANSIONS AND BUILDING MOVEMENTS.

VISUAL EFFECT: PROVIDE UNIFORM JOINT WIDTHS IN EXPOSED WORK, ORGANIZED FOR BEST POSSIBLE VISUAL EFFECT. REFER QUESTIONABLE VISUAL-EFFECT CHOICES TO ARCHITECT/OWNER'S REPRESENTATIVE FOR FINAL DECISION. RECHECK MEASUREMENTS AND DIMENSIONS OF THE WORK, AS AN INTEGRAL STEP OF STARTING EACH INSTALLATION.

MOUNTING HEIGHTS: WHERE MOUNTING HEIGHTS ARE NOT INDICATED, MOUNT INDIVIDUAL UNITS OF WORK AT INDUSTRY-RECOGNIZED STANDARD MOUNTING HEIGHTS FOR APPLICATIONS INDICATED. REFER QUESTIONABLE MOUNTING HEIGHT CHOICES TO ARCHITECT/OWNER'S REPRESENTATIVE FOR FINAL DECISION, CONFORM WITH APPLICABLE ACCESSIBILITY CODES WHERE REQUIRED.

10. PROTECTION AND CLEAN-UP

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER PROTECTION OF ADJACENT ITEMS AND SURFACES FROM DAMAGE RESULTING FROM THE FURNISHING OR INSTALLATION OF HIS WORK AND SHALL PROMPTLY REPLACE, AT HIS OWN COST, SUCH DAMAGED WORK. HE SHALL ALSO BE RESPONSIBLE FOR THE PROPER PROTECTION OF HIS AND OTHERS WORK FROM DAMAGE BY ANY INCLUDING FREEZING OR OVERHEATING, USE PLASTIC COVERING OVER FURNITURE, DISPLAY CASES, EQUIPMENT AND FINISHES. THE CONTRACTOR SHALL REMOVE ALL DEBRIS FROM THE PREMISES ON A DAILY BASIS; ALL DUST AND CONSTRUCTION DEBRIS ARE TO BE REMOVED, ANY BROKEN, DAMAGED, MARRED, UNCLEAN, OR OTHERWISE IMPERFECT WORK SHALL BE CORRECTED BY THE CONTRACTOR BEFORE HIS WORK SHALL BE CONSIDERED COMPLETE. USE DUST BARRIERS.

UPON COMPLETION OF THE WORK CONTRACTOR SHALL CLEAN INTERIOR AND EXTERIOR OF ALL GLASS AND GLAZING, FLOORS, WALLS AND CEILING SURFACES, ELECTRICAL FIXTURES, MECHANICAL EQUIPMENT, ETC.; IT IS NECESSARY TO REMOVE ALL DIRT, STAINS, AND MARKS. THE SIGNS, GLASS AND WOOD SHALL BE CLEANED AND POLISHED. THE STORE SHALL BE MADE CLEAN AND FIT FOR IMMEDIATE OCCUPANCY BY AN INDEPENDENT CLEANING AGENT, WITH THE APPROVAL OF PANDA EXPRESS, AT THE CONTRACTOR'S EXPENSE.

GENERAL CONTRACTOR SHALL SUPERVISE AND SCHEDULE PROPER INSTALLATION OF ALL PARTS OF WORK PERTAINING TO A FINISHED PRODUCT BY HIM OR BY THE OWNER.

GENERAL CONTRACTOR SHALL SUPERVISE AND SCHEDULE PROPER INSTALLATION OF ALL PARTS OF WORK PERTAINING TO A FINISHED PRODUCT BY CONTRACTOR, SUBCONTRACTORS OR PANDA EXPRESS.

11. GUARANTEE WARRANTY

THE CONTRACTOR SHALL GUARANTEE THE WORK TO BE FREE FROM DEFECTS OF MATERIALS OR WORKMANSHIP, INCLUDING DISCOLORATION, RATTLING AND LEAKING, FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL PAYMENT. APPLICATION BY THE CONTRACTOR FOR FINAL PAYMENT SHALL BE CONSIDERED AS PRESUMPTIVE EVIDENCE OF HIS FULL UNDERSTANDING OF AND AGREEMENT WITH CONDITIONS OF THE GUARANTEE PROVISION, AND HE SHALL REMOVE AND REPLACE WITH NEW, AT HIS OWN EXPENSE, ALL SUCH WORK OR MATERIALS FOUND BY PANDA EXPRESS'S REPRESENTATIVE TO BE DEFECTIVE WITHIN THE GUARANTEE PERIOD.

12. SUBCONTRACTORS

THE CONTRACTOR AGREES THAT HE IS FULLY RESPONSIBLE TO THE OWNER FOR THE ACTS AND OMISSIONS OF HIS SUBCONTRACTORS AND OF PERSONS DIRECTLY EMPLOYED BY HIM. NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE ANY CONTRACTUAL RELATION BETWEEN ANY SUBCONTRACTOR AND PANDA EXPRESS. THE CONTRACTOR SHALL COOPERATE WITH PANDA AND OTHER CONTRACTORS PERFORMING WORK UNDER SEPARATE CONTRACTS TO ENSURE PROJECT PROGRESS ACCORDING TO SCHEDULE. THE CONTRACTOR SHALL COORDINATE WORK FOR THE VARIOUS TRADES INCLUDING PANDA EXPRESS'S VENDORS.

13. TEMPORARY FACILITIES

PROVIDE AND COMPLETE ALL PRELIMINARY WORK AND TEMPORARY CONSTRUCTION REQUIRED AS INDICATED AND REQUIRED.

TEMPORARY BARRICADES: INSTALL TEMPORARY BARRICADE AS REQUIRED BY CITY OFFICIALS OR MALL MANAGEMENT IN MANNER STIPULATED BY SAME.

LIGHT AND POWER SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR OR REUSE EXISTING FROM LOCATION OF LANDLORD'S SERVICE AND PAY ALL COST FOR SAME, FOR ALL CONTRACTOR(S) TO SUBJECT SPACE.

WATER SUPPLY: THE CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS FOR PERMANENT WATER SERVICE, WATER METER, AND PRESSURE REGULATOR FOR ALL PURPOSES OF CONSTRUCTION, PAYING ALL COSTS IN CONNECTION WITH SAME, AND FOR ALL WATER USED. THIS SHALL INCLUDE ALL MEANS OF CONVEYING SAME TO PLACE WHERE REQUIRED.

ELECTRICITY: THE CONTRACTOR SHALL MAKE ALL NECESSARY APPLICATIONS, PAY ALL DUES AND CHARGES, OBTAIN NECESSARY PERMITS, PROVIDE AND MAINTAIN ELECTRICAL ENERGY FROM DEVELOPERS PERMANENT ELECTRICAL FACILITIES FOR LIGHTING, POWER FOR ALL ELECTRIC TOOLS AND EQUIPMENT REQUIRED IN CONSTRUCTION OF ALL BRANCHES OF THE WORK AND PAY FOR ALL CURRENT USED.

FIRE PROTECTION: OWNER'S CONTRACTOR SHALL PROVIDE FIRE EXTINGUISHERS WITHIN THE PREMISES AS REQUIRED BY CODE AND/OR INSURANCE COMPANIES, OR VERIFY THAT ONE IS EXISTING IN THE CASE OF REMODELING, DISCONNECT AND SEAL UTILITIES SERVING STRUCTURE TO BE DEMOLISHED, PRIOR TO START OF DEMOLITION WORK.

14. STRICTLY PROHIBITED WORK AND PRACTICES

INSTALLATION OF ANY COMBUSTIBLE MATERIALS ABOVE FINISHED CEILINGS OR IN ANY OTHER CONCEALED, NON-SPRINKLERED SPACE.

IMPOSING ANY STRUCTURAL LOAD, TEMPORARY OR PERMANENT, ON ANY PART OF THE WORK OR STRUCTURE WITHOUT APPROVAL.

ATTACHING ANY WORK TO METAL DECK OR HANGING FROM PLUMBING AND SPRINKLER PIPING OR CONDUIT.

15. POLLUTION CONTROLS

USE WATER SPRINKLING, TEMPORARY ENCLOSURES, AND OTHER SUITABLE METHODS TO LIMIT DUST AND DIRT RISING AND SCATTERED IN AIR TO LOWEST PRACTICAL LEVEL. COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION. DO NOT USE WATER WHEN IT MAY CREATE HAZARDOUS OR OBJECTIONABLE CONDITIONS SUCH AS ICE, FLOODING AND POLLUTION.

CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT AND DEBRIS CAUSED BY DEMOLITION OPERATIONS, AS DIRECTED BY ARCHITECT OR GOVERNING AUTHORITIES. RETURN ADJACENT AREAS TO CONDITION EXISTING PRIOR TO START OF WORK.

16. TURNOVER REQUIREMENTS

1. THE CONTRACTOR SHALL ARRANGE FOR ALL INSPECTIONS AND FURNISH OWNERS REPRESENTATIVE WITH THE CERTIFICATE OF OCCUPANCY. G.C. IS ALSO TO PROVIDE A TYPEWRITTEN LIST OF NAMES, ADDRESSES AND PHONE NUMBERS OF ALL SUB-CONTRACTORS AND MATERIAL SUPPLIERS.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE ENTIRE STORE CLEAN AND SPOTLESS AT THE TIME OF FURNITURE INSTALLATION AND AT TURN OVER.

3. PRIOR TO THE STORE OPENING, CONTRACTOR IS TO ARRANGE FOR AN INDEPENDENT BALANCING CONTRACTOR TO BALANCE THE HVAC SYSTEM AND PROVIDE A COPY OF THE BALANCING REPORT TO OWNER'S REPRESENTATIVE.

4. CONTRACTOR TO TURN OVER ALL KEYS TO THE OWNER'S REPRESENTATIVE AND MARKING EACH KEY FOR IDENTIFICATION. THE CONTRACTOR SHALL SET ALL TIME CLOCKS, THERMOSTATS, ETC. PER OWNER'S REPRESENTATIVE'S REQUIREMENTS.

5. THE CONTRACTOR SHALL EXPLAIN THE OPERATION OF ALL MECHANICAL SYSTEMS TO THE OWNER'S REPRESENTATIVE AND PROVIDING COPIES OF OPERATION, MAINTENANCE AND WARRANTY MANUALS.

DIVISION 2 - SITE WORK

1. DEMOLITION

DEMOLITION AND REMOVAL OF SMALL PORTIONS OF EXISTING SITE CONCRETE, PREPARED FOR NEW CONCRETE. COORDINATE WITH PANDA'S PM.

BUILDING DEMOLITION LIMITED TO NON-BEARING, INTERIOR WALLS, AND LIMITED EXTERIOR ELEMENTS AS SHOWN IN PLANS.

COMPLY WITH ALL APPLICABLE CODES, ORDINANCES, REGULATIONS AND STANDARDS. IN CASE OF CONFLICT THE MORE STRINGENT REQUIREMENT SHALL GOVERN.

SCHEDULE AND EXECUTE ALL WORK IN A CAREFUL MANNER WITH ALL CONSIDERATION FOR NEIGHBORS AND THE PUBLIC TO PREVENT INJURY TO PERSONS OR PROPERTY.

PRIOR TO ALL DEMOLITION WORK CAREFULLY INSPECT THE ENTIRE SITE AND ALL OBJECTS TO BE DEMOLISHED AND/OR LEFT INTACT AND DETERMINE AN ORDERLY SEQUENCE FOR THE DEMOLITION. LOCATE ALL EXISTING UTILITY LINES AND DETERMINE THE REQUIREMENTS FOR DISCONNECTION AND CAPPING. LOCATE ALL ACTIVE UTILITY LINES TRAVERSING THE SITE AND DETERMINE THE REQUIREMENTS FOR PROTECTION.

PROTECTION: THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR PROTECTION OF EXISTING BUILDINGS, SURROUNDING PROPERTY AND ALL PERSONS. THE CONTRACTOR SHALL ALSO PROVIDE ALL SHORING, TEMPORARY BARRICADES AND TEMPORARY ENCLOSURES AS NECESSARY TO PROTECT ADJACENT PROPERTY FROM DAMAGE.

TAKE ALL MEANS NECESSARY TO PREVENT THE SPREAD OF DUST DURING DEMOLITION OPERATIONS. THOROUGHLY MOISTEN ALL GROUND SURFACES AS OFTEN AS REQUIRED TO PREVENT DUST BEING A NUISANCE TO THE PUBLIC, NEIGHBORS AND THE CONCURRENT PERFORMANCE OF OTHER WORK ON THE SITE.

PRESERVE IN OPERATING CONDITION ALL ACTIVE UTILITIES TRAVERSING THE SITE AND REQUIRED FOR FUTURE OPERATION OF THE NEW STORE AND SURROUNDING PROPERTIES.

COORDINATE DISCONNECTING, REMOVING, PLUGGING, ABANDONING AND RELOCATING UTILITIES WITH LOCAL UTILITY COMPANIES OR OTHER GOVERNING AGENCIES.

ASBESTOS ABATEMENT REFER TO ASBESTOS CONTAINING MATERIAL (ACM) REPORT FOR COMPLETE DESCRIPTION OF MATERIALS IDENTIFIED. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL RULES AND REGULATIONS FOR THE PROPER PROTECTION, REMOVAL AND DISPOSAL OF ANY ASBESTOS CONTAINING MATERIAL.

POLLUTION CONTROL: THE CONTRACTOR IS RESPONSIBLE FOR ENSURING TRUCKS LEAVING AND ENTERING THE SITE DO NOT DROP DEMOLITION DEBRIS OR DIRT ONTO PUBLIC STREETS.

THE CONTRACTOR IS RESPONSIBLE FOR THE PREVENTION OF SOIL EROSION AND SILT FROM LEAVING THE SITE.

FILLING BASEMENTS & VOIDS: COMPLETELY FILL BELOW GRADE AREA AND VOIDS RESULTING FROM THE DEMOLITION OF THE STRUCTURE AND UTILITIES.

REFER TO THE GEO-TECHNICAL REPORT FOR FILL MATERIAL AND PLACEMENT METHODS. PLACE FILL, COMPACT AND GRADE THE SURFACE TO MEET ADJACENT GRADES AND AS SHOWN ON THE DRAWINGS.

DISPOSAL OF DEMOLISHED MATERIALS
A. REMOVE FROM SITE AND LEGALLY DISPOSE ALL RUBBISH, DEBRIS AND ALL MATERIALS RESULTING FROM THE DEMOLITION OPERATIONS.

2. EARTHWORK

LOCATE EXISTING UNDERGROUND UTILITIES BY CAREFUL HAND EXCAVATION BEFORE STARTING EARTHWORK OPERATIONS. IF UTILITIES ARE TO REMAIN IN PLACE, PROVIDE PROTECTION FROM DAMAGE DURING CONSTRUCTION OPERATIONS. CONTACT LOCAL UTILITY COMPANY FOR INFORMATION REGARDING UNDERGROUND UTILITIES.

SHOULD UNCHARTED OR INCORRECTLY CHARTED PIPING OR OTHER UTILITIES BE ENCOUNTERED DURING EXCAVATION, CONSULT THE OWNER IMMEDIATELY FOR DIRECTIONS AS TO PROCEDURES. REPAIR DAMAGED UTILITIES TO THE SATISFACTION OF THE UTILITY OWNER. COOPERATE WITH THE OWNER, AND PUBLIC AND PRIVATE UTILITY COMPANIES IN KEEPING SERVICES AND FACILITIES IN OPERATION.

BARRICADE OPEN EXCAVATION AND POST WITH WARNING LIGHTS FOR THE SAFETY OF PERSONS, OPERATING WARNING LIGHT DURING HOURS OF DUSK TO DAWN EACH DAY.

PROTECT STRUCTURE, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES IMMEDIATELY ADJACENT TO EXCAVATIONS, FROM DAMAGES CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT AND OTHER HAZARDS.

ALL FILL AND BACK FILL SHALL BE SELECTED FILL MATERIAL COMPACTED AS NOTED IN THE SOILS REPORT. GRADING PLAN AND EARTHWORK SPECIFICATIONS USE NON-EXPANSION FILL MATERIAL AT BUILDING AREA AND UNDER WALKS. ALL COMPACTON SHALL BE SUPERVISED AND CERTIFIED BY A LICENSED SOILS ENGINEER AND CERTIFICATION REPORT SHALL BE SUBMITTED TO PANDA EXPRESS PRIOR TO PLACING OF CONCRETE.

3. ASPHALT AND CONCRETE PAVING

(REFER TO CIVIL DRAWINGS FOR SPECIFICATIONS)
SEE GRADING AND PAVING PORTION OF SITE PREPARATION PROCEDURES ON THE SITE AND/OR GRADING PLAN.

MATERIALS:

- 1) BASE COURSE: AS NOTED ON CIVIL DRAWINGS
- 2) PRIME COAT: MC-250 OR MC-70 PER ASPHALT INSTITUTE (ASTM D2027-76)
- 3) SURFACE COAT: AS NOTED ON CIVIL DRAWINGS
- 4) PAVEMENT MARKINGS, PARKING STALL STRIPES SHALL BE: AS NOTED ON CIVIL DRAWINGS
- 5) SEAL COAT: FOG-SEAL BY KOPPERS COMPANY.

PROVIDE ALL ASPHALT AND CONCRETE WORK COMPLETE, AS SHOWN ON THE DRAWINGS HEREIN SPECIFIED, INCLUDING CONCRETE FORM WORK, REINFORCEMENT DOWELS AND ACCESSORIES. CONCRETE MIXED, PLACE, FINISHED AND CURED.

EXTERIOR WALKS AND RAMPS TO BE LIGHT BROOM TEXTURE FINISH, UNLESS NOTED OTHERWISE.

EXTERIOR FLATWORK AND CURBS - PROVIDE EXPANSION CONTRACTION JOINT AT 2'-0" ON CENTER MAXIMUM AND CONTROL JOINT AT 5'-0" ON CENTER MAXIMUM.

4. TERMITE CONTROL

QUALITY ASSURANCE: CONFORM TO STATE, LOCAL, AND ALL OTHER REGULATIONS FOR THE USE AND APPLICATION OF TOXICANT CHEMICALS. APPLICATION SHALL BE A COMPANY SPECIALIZING IN SOIL TREATMENT FOR TERMITE CONTROL WITH FIVE YEARS EXPERIENCE AND LICENSED FOR PROJECT LOCATION. SUBMIT COMPLETE PRODUCT DATA AND MANUFACTURER'S INSTRUCTIONS. INDICATE CAUTION REQUIREMENTS.

WARRANTY: FURNISH FIVE YEAR WARRANTY AGAINST INVASION OR PROPAGATION OF SUBTERRANEAN TERMITES, DAMAGE TO BUILDING OR CONTENTS CAUSED BY TERMITES. INCLUDE COST FOR REPAIRS TO BUILDINGS OR CONTENTS SO CAUSED.

PRODUCTS: PROVIDE WATER EMULSION MATERIALS MANUFACTURED BY ONE OF THE FOLLOWING: BASE TERMIDOR, DOW AGRO SCIENCES EQUITY 1.0 PERCENT, OR OTHER PRODUCT SUBSTITUTIONS IF APPROVED IN WRITING BY PANDA.

EXECUTION: VERIFY EXISTING CONDITIONS BEFORE STARTING WORK. APPLY IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, STATE AND FEDERAL LAWS AND OSHA REGULATIONS. COORDINATE INSTALLATION WITH ROUGH GRADING TO AVOID DISTURBANCES TO TREATED SOIL. RETREAT ANY DISTURBED SOIL. DO NOT PERMIT SOIL GRADING OVER COMPLETED WORK.

TREATMENT SCHEDULE: TREAT SOIL AT THE FOLLOWING LOCATIONS: UNDER FOOTINGS; UNDER SLABS ON GRADE; BOTH SIDES OF FOUNDATION WALLS; AND SOIL WITHIN 10 FEET OF BUILDING PERIMETER FOR A DEPTH AS RECOMMENDED BY THE MANUFACTURER FOR THE REGION WHERE PROJECT IS LOCATED.

DIVISION 3 - CONCRETE

REFER TO STRUCTURAL DRAWINGS FOR CONCRETE SPECIFICATIONS

DIVISION 4 - MASONRY

1. GENERAL NOTES

ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF ALL LOCAL CODES AND STANDARDS.

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB SITE AND REPORT ANY ERRORS, OMISSIONS, OR POSSIBLE DISCREPANCIES TO THE ARCHITECT AND PANDA EXPRESS PRIOR TO COMMENCING ANY WORK. SPECIAL CARE SHALL BE GIVEN TO THE SITE AND BUILDING LAYOUT THEREON.

THE CONTRACTOR SHALL PROVIDE SAFE AND ADEQUATE BRACES AND CONNECTIONS TO SUPPORT THE COMPONENT PARTS OF THE STRUCTURE UNTIL THE STRUCTURE ITSELF (INCLUDING THE FLOOR AND ROOF DIAPHRAGMS) IS COMPLETE ENOUGH TO ADEQUATELY SUPPORT ITSELF.

OPTIONS, IF PROVIDED HEREIN, ARE NOTED FOR CONTRACTOR'S CONVENIENCE: HE SHALL BE RESPONSIBLE FOR ALL CHANGES NECESSARY, SHALL COORDINATE ALL DETAILS, AND SHALL OBTAIN ALL REQUIRED APPROVALS.

COSTS OF ADDITIONAL DESIGN WORK NECESSITATED BY SELECTION OF AN OPTION OR DUE TO ERRORS OR OMISSIONS IN CONSTRUCTION, SHALL BE BORNE BY THE CONTRACTOR.

2. MANUFACTURED MASONRY VENEER

INCLUDES PORTLAND CEMENT BASED MANUFACTURED STONE VENEER AND TRIM.

COMPLY WITH ALL STANDARDS REFERENCED BY THE MANUFACTURER. COMPLY WITH ALL APPLICABLE BUILDING CODES.

SUBMITTALS: SUBMIT MANUFACTURER'S PRODUCT DATA AND VERIFICATION SAMPLES OF THE SELECTED STONE AND MORTAR MATERIALS AS SELECTED BY PANDA.

WARRANTIES: SUBMIT MANUFACTURER'S AND INSTALLER'S WARRANTIES UPON COMPLETION OF THE JOB. WARRANTY SHALL COVER DEFECTS IN MATERIALS AND INSTALLATION FOR 5 YEARS AFTER ACCEPTANCE BY PANDA.

QUALITY ASSURANCE: INSTALLER QUALIFICATIONS: EXPERIENCED MASON FAMILIAR WITH INSTALLATION PROCEDURES FOR MANUFACTURED VENEER. CERTIFICATIONS REQUIRED PER MANUFACTURER'S STANDARDS.

MANUFACTURER: REFERENCE "EXTERIOR FINISH SCHEDULE" SHEET G-005

STONE VENEER TYPE AND FINISH: REFERENCE "EXTERIOR FINISH SCHEDULE" SHEET G-005

MORTAR: MORTAR ALL JOINTS. USE MORTAR COMPLYING WITH ASTM STANDARDS: CEMENT ASTM C270, LIME ASTM C207, SAND ASTM C144, WATER SHALL BE POTABLE. PREPACKAGED LATEX PORTLAND CEMENT MORTAR SHALL COMPLY WITH ANSI A118.4.

PROVIDE COLORED MORTAR AS SELECTED BY PANDA. COLOR PIGMENT SHALL COMPLY WITH ASTM C397, MINERAL OXIDE PIGMENTS.

EXECUTION: PREPARE SUBSTRATE IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.

EXAMINE SUBSTRATES UPON WHICH WORK WILL BE INSTALLED. COORDINATE WITH GENERAL CONTRACTOR TO REMEDY ANY UNSATISFACTORY SUBSTRATES. NOTIFY PANDA EXPRESS IN WRITING OF ANY UNSATISFACTORY SUBSTRATES. COMMENCEMENT OF WORK BY THE INSTALLER SHALL INDICATE HIS ACCEPTANCE OF THE SUBSTRATE.

INSTALL ALL WORK IN CONFORMANCE WITH THE MVMA (MASONRY VENEER MANUFACTURERS ASSOCIATION) "INSTALLATION GUIDE FOR ADHERED CONCRETE MASONRY VENEER".

PROTECT ADJACENT WORK FROM CONTACT WITH MORTAR.

INSTALL AND CLEAN STONE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS FOR STANDARD GROUTED INSTALLATION.

MANUFACTURER'S FIELD SERVICE REPRESENTATIVE SHALL MAKE ONE SITE VISIT FOR INSTALLATION INSPECTION AND CONSULTATION BEFORE MORE THAN 20% OF THE MATERIAL IS INSTALLED.

3. CONCRETE MASONRY UNITS (CMU)

REFER TO STRUCTURAL DRAWINGS FOR CONCRETE MASONRY UNITS (CMU) SPECIFICATIONS

DIVISION 5 - METALS

1. STEEL FRAMING

REFERENCE STRUCTURAL DRAWINGS FOR STEEL FRAMING SPECIFICATIONS

2. MISCELLANEOUS METALS

CUSTOM FABRICATE FERROUS METAL ITEMS 16 GAUGE AND HEAVIER. REFER TO DRAWINGS AND DETAILS.

3. METAL STUDS

INSTALL METAL FRAMING SYSTEMS IN ACCORDANCE WITH MANUFACTURER'S PRINTED OR WRITTEN INSTRUCTIONS AND RECOMMENDATIONS, UNLESS OTHERWISE INDICATED. INSTALL CONTINUOUS TRACK - SIZED TO MATCH STUDS. SECURE TRACKS AS RECOMMENDED BY STUD MANUFACTURER FOR TYPE OF CONSTRUCTION INVOLVED.

SET STUDS PLUMB, EXCEPT AS NEEDED FOR DIAGONAL BRACING OR REQUIRED FOR NON-PLUMB WALLS OR WARPED SURFACES.

INSTALL SUPPLEMENTARY FRAMING, BLOCKING AND BRACING IN METAL FRAMING SYSTEM WHENEVER WALL OR PARTITIONS ARE INDICATED TO SUPPORT FIXTURES, EQUIPMENT, SERVICES, CASEWORK, HEAVY TRIM AND FURNISHINGS AND SIMILAR WORK.

SECURE STUDS TO TOP AND BOTTOM RUNNER TRACKS BY EITHER WELDING OR SCREW FASTENING AT BOTH INSIDE AND OUTSIDE FLANGES.

INSTALL HORIZONTAL STIFFENERS IN STUD SYSTEM AS REQUIRED, SPACE (VERTICAL DISTANCE) AT NO MORE THAN 4'-8" O.C.

4. EXTERIOR ALUMINUM AWNINGS

DIVISION 6 - WOOD AND PLASTICS

1. WOOD FRAME AND ROOF TRUSSES

DIVISION 7 - THERMAL AND MOISTURE PROTECTION

1. ENERGY COMPLIANCE

FIXED WINDOWS (GLASS) SHALL BE SEALED TO LIMIT AIR INFILTRATION.

HOLLOW METAL OR SOLID CORE WOOD DOORS: PROVIDE VINYL OR SHEET METAL WEATHER SEAL AT HEAD, JAMB AND SILL AT ALL EXTERIOR DOORS.

EXTERIOR STORE FRONT HINGED DOORS: PROVIDE VINYL SEAL AT SILL AND CONTINUOUS PILE WEATHER-STRIP VERTICALLY AND AT TOP RAILS.

OPEN EXTERIOR JOINTS AROUND WINDOW AND DOOR FRAMES, BETWEEN WALLS AND FOUNDATION, BETWEEN WALLS AND ROOF, BETWEEN WALL PANELS, AT PENETRATION OF UTILITIES THROUGH THE ENVELOPE, SHALL BE SEALED CAULKED OR WEATHER-STRIPPED TO LIMIT AIR LEAKAGE.

2. BUILDING INSULATION

WORK INCLUDED: FURNISH AND INSTALL RIGID, THERMAL BATT, AND SOUND BATT INSULATION.

ROOF INSULATION: RIGID POLY-ISO INSULATION

BATT INSULATION: R-19, R-13, R-11 AS SHOWN ON PLANS, KRAFT FACED WITH STAPLING FLANGE FOR WOOD STUD WALL CONSTRUCTION, FOIL REINFORCED KRAFT FACING (FRK) WITH STAPLING FLANGE FOR WOOD STUD APPLICATION IN ATTIC AREAS (FS-25 WITH FLAME SPREAD OF 25), AS MANUFACTURED BY OWENS/CORNING FIBERGLASS, OR EQUAL.

SOUND BATT INSULATION: NON-COMBUSTIBLE MINERAL FIBERGLASS BATTS WITH MINIMUM 3 1/2" THICKNESS.

VAPOR BARRIER: TRANSLUCENT POLYETHYLENE FILM FOR USE IN ABOVE GRADE BUILDING CONSTRUCTION, 6 MIL MINIMUM THICKNESS. (INTERIOR ONLY)

3. NOT USED

4. FLASHING AND SHEET METAL

FURNISH AND INSTALL ALL FLASHING, SHEET METAL, PITCH POCKET PANS AND SCUPPERS NOT SPECIFICALLY DESCRIBED IN OTHER SECTIONS OF THESE SPECIFICATIONS, BUT REQUIRED TO PREVENT WATER PENETRATION THROUGH EXTERIOR BUILDING SHELL, INCLUDING FLASHING, CAPS, AND ROOF EQUIPMENT PLATFORM COVERS.

COMPLY WITH APPLICABLE RECOMMENDATIONS AND DETAILS OF THE "ARCHITECTURAL SHEET METAL MANUAL", BY SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION (SMACNA).

INSTALL SHEET METAL OVER A LAYER OF ROOFING FELT.

GALVANIZED IRON: SHEET METAL OR IRON SHALL BE A STANDARD BRAND OF OPEN-HEARTH, COPPER-BEARING STEEL, COPPER-MOLYBDENUM IRON, OR PURE IRON SHEETS. USE 24 GAUGE MINIMUM UNLESS OTHERWISE CALLED FOR ON THE DRAWINGS.

ZINC COATING: ALL GALVANIZED SHEETS SHALL HAVE A ZINC COATING APPLIED BY HOT-DIP PROCESS TO ALL SURFACES. ZINC COATING SHALL WEIGH NOT LESS THAN 1 1/4 OUNCES PER SQ. FT. NOR MORE THAN 1 1/2 OUNCES PER SQ. FT. OF SURFACES COVERED AND SHALL CONFORM WITH ASTM A-93.

5. ROOF ACCESSORIES

THE WORK OF THIS SECTION INCLUDES THE PROVIDING AND INSTALLING OF ACCESSORIES TO BE INSTALLED ON THE ROOF AND FLASHED TO PROVIDE A WATERTIGHT INSTALLATION.

6. CAULKING & SEALANTS

GENERAL BUILDING APPLICATIONS: FOR JOINTS WHERE MOVEMENT IS ANTICIPATED, USE A C. HORN HORNFLX (POLYSULFIDE) ONE COMPONENT SYSTEM IN THE COLOR WHICH MOST CLOSELY MATCHES THE ADJACENT SURFACES. SEALANT TO HAVE A SHORE "A" HARDNESS OF 20 TO 30.

FOR DRY JOINTS BETWEEN DISSIMILAR MATERIALS WHERE LITTLE MOVEMENT IS ANTICIPATED, USE A C. HORN HORNSEAL ELASTOMERIC CAULK (BUTYL RUBBER) ONE COMPONENT SYSTEM IN THE COLOR WHICH MOST CLOSELY MATCHES ADJACENT SURFACES.

FOR GLAZING AND KITCHEN APPLICATIONS: GENERAL ELECTRIC SILICONE CONSTRUCTION 1200 SEALANT.

FOR SHEET METAL FLASHING AND COPING: GENERAL ELECTRIC SILPRUF SILICONE WEATHER PROOFING SEALANT.

THE GENERAL CONTRACTOR SHALL INCLUDE IN HIS WORK THE FOLLOWING: AFTER ALL EQUIPMENT AND WALL MATERIALS ARE INSTALLED, ALL JOINTS TO WALLS AND BASES SHALL BE SEALED WITH SILICONE SEALANT.

ALL INSIDE VERTICAL CERAMIC TILE CORNERS SHALL RECEIVE A TOOLED BEAD OF SILICONE SEALANT.

7. EIFS (EXTERIOR INSULATION AND FINISH SYSTEM)

WORK INCLUDED: ALL MATERIALS AND INSTALLATION OF AN EIFS SYSTEM.

DESIGN REQUIREMENTS: CONFORM IN ALL RESPECTS TO MANUFACTURERS SPECIFICATIONS FOR MATERIALS AND INSTALLATION PER STO THERM SPECIFICATION FOR STO THERM E100 ESSENCE SYSTEM

DRYVIT MAY BE SUBSTITUTED AS AN ALTERNATE EIFS MANUFACTURER IF APPROVED IN WRITING BY PANDA EXPRESS

MEET ALL LOCAL BUILDING CODE REQUIREMENTS.

MOISTURE CONTROL: PREVENT THE ACCUMULATION OF WATER BEHIND THE EIFS SYSTEM, EITHER BY CONDENSATION OR LEAKAGE THROUGH THE WALL CONSTRUCTION, IN THE DESIGN AND DETAILING OF THE WALL ASSEMBLY. CONFORM WITH ALL DETAILS OF MANUFACTURER'S SPECIFICATIONS.

IMPACT RESISTANCE: PROVIDE ULTRA-HIGH IMPACT RESISTANCE TO A MINIMUM HEIGHT OF 6'-0" ABOVE FINISHED GRADE AT ALL AREAS ACCESSIBLE TO PEDESTRIAN TRAFFIC AND OTHER AREAS EXPOSED TO ABNORMAL STRESS OR IMPACT. INDICATE THE AREAS WITH IMPACT RESISTANCE OTHER THAN "STANDARD" ON CONTRACT DRAWINGS. COLOR SELECTION: AS SELECTED BY PANDA FROM MANUFACTURER'S STANDARD COLORS.

7. JOINTS: PER MANUFACTURER'S SPECIFICATION

8. GRADE CONDITION: DO NOT INSTALL EIFS BELOW GRADE.

9. PROJECTING ARCHITECTURAL FEATURES AND REVEALS: ALL TRIM AND PROJECTING ARCHITECTURAL FEATURES MUST HAVE A MINIMUM 1:2 SLOPE ALONG THEIR TOP SURFACE ALL HORIZONTAL REVEALS MUST HAVE A MINIMUM 1:2 SLOPE ALONG THEIR BOTTOM SURFACE INCREASE SLOPE FOR NORTHERN CLIMATES TO PREVENT ACCUMULATION OF ICE/SNOW AND WATER ON SURFACE WHERE TRIM FEATURE OR BOTTOM SURFACE OF REVEAL PROJECTS MORE THAN 2 INCHES FROM THE FACE OF THE EIFS WALL PLANE. PROTECT THE TOP SURFACE WITH WATERPROOF BASE COAT. PERIODIC INSPECTIONS AND INCREASED MAINTENANCE MAY BE REQUIRED TO MAINTAIN SURFACE INTEGRITY OF EIFS ON WEATHER EXPOSED SLOPED SURFACES.

10. INSULATION THICKNESS: MINIMUM EPS INSULATION THICKNESS IS 1 1/2 INCHES.

11. FIRE PROTECTION: REFER TO MANUFACTURER'S APPLICABLE CODE COMPLIANCE REPORT FOR LIMITATIONS THAT MAY APPLY.

C. QUALITY ASSURANCE:

1. MANUFACTURER REQUIREMENTS: MEMBER IN GOOD STANDING OF THE EIFS INDUSTRY MEMBERS ASSOCIATION, AND (EIMA), SYSTEM MANUFACTURER FOR A MINIMUM OF TWENTY (25) YEARS, AND MANUFACTURING FACILITIES ISO 9001-2000 CERTIFIED QUALITY SYSTEM.

2. CONTRACTOR REQUIREMENTS: ENGAGED IN APPLICATION OF EIFS FOR A MINIMUM OF THREE (3) YEARS; AND EMPLOY SKILLED MECHANICS WHO ARE EXPERIENCED AND KNOWLEDGEABLE IN EIFS APPLICATION; AND DEMONSTRATE SUCCESSFUL COMPLETION OF MINIMUM OF THREE (3) PROJECTS OF SIMILAR SIZE AND COMPLEXITY TO THE SPECIFIED PROJECT.

3. INSULATION BOARD MANUFACTURER REQUIREMENTS: RECOGNIZED BY STO AS CAPABLE OF PRODUCING INSULATION BOARD; AND LISTED BY AN APPROVED AGENCY. LABEL INSULATION BOARD WITH INFORMATION REQUIRED BY STO, THE APPROVED LISTING AGENCY AND THE APPLICABLE BUILDING CODE.

4. INSPECTIONS: PROVIDE INDEPENDENT THIRD PARTY INSPECTION WHERE REQUIRED BY CODE OR CONTRACT DOCUMENTS CONDUCT INSPECTIONS IN ACCORDANCE WITH CODE REQUIREMENTS AND CONTRACT DOCUMENTS.

D. DELIVERY STORAGE AND HANDLING: AS SPECIFIED BY MANUFACTURER.

E. COORDINATION: THE WORK IN THIS SECTION REQUIRES CLOSE COORDINATION WITH RELATED SECTIONS AND TRADES.

1. PROVIDE SITE GRADING SUCH THAT EIFS TERMINATES ABOVE FINISHED GRADE A MINIMUM OF 6 INCHES (152mm) OR AS REQUIRED BY CODE.

2. PROVIDE PROTECTION OF ROUGH OPENINGS BEFORE INSTALLING WINDOWS, DOORS AND OTHER PENETRATIONS THROUGH THE WALL AND PROVIDE SILL FLASHING.

3. INSTALL WINDOW AND DOOR HEAD FLASHING IMMEDIATELY AFTER WINDOWS AND DOORS ARE INSTALLED.

4. INSTALL DIVERTER FLASHING WHEREVER WATER CAN ENTER THE WALL ASSEMBLY TO DIRECT WATER TO THE EXTERIOR.

5. INSTALL COPINGS AND SEALANT IMMEDIATELY AFTER INSTALLATION OF THE EIFS SYSTEM AND WHEN EIFS COATINGS ARE DRY.

6. ATTACH PENETRATIONS THROUGH EIFS TO STRUCTURAL SUPPORT AND PROVIDE WATER TIGHT SEAL AT PENETRATIONS.

F. PRODUCTS: PROVIDE EIFS SYSTEM AND ACCESSORIES FROM SINGLE SOURCE

1. MANUFACTURER OR APPROVED SUPPLIER. THE FOLLOWING ARE ACCEPTABLE MANUFACTURERS' STO CORP. EIFS. OTHER MANUFACTURER IF APPROVED IN WRITING BY PANDA.

2. INSULATION BOARD: NOMINAL 1.0 LB/FT3 (16 KG/M3) EXPANDED POLYSTYRENE (EPS) INSULATION BOARD IN COMPLIANCE WITH ASTM E2430 AND ASTM C578 TYPE I REQUIREMENTS.

3. BASE COAT AS SPECIFIED BY MANUFACTURER.

4. REINFORCING MESHES AS SPECIFIED BY MANUFACTURER.

5. FINISH COAT: STO ESSENCE DPR FINISH, ACRYLIC BASED TEXTURED WALL COATING WITH GRADED MARBLE AGGREGATE AND DIRT PICK-UP RESISTANCE TECHNOLOGY.

G. EXECUTION:

1. INSTALLATION: INSTALL EIFS IN COMPLIANCE WITH MANUFACTURER'S PUBLISHED INSTRUCTIONS.

2. PROTECTION: PROVIDE PROTECTION OF INSTALLED MATERIALS FROM WATER INFILTRATION INTO OR BEHIND THEM. PROVIDE PROTECTION OF INSTALLED MATERIALS FROM DUST, DIRT, PRECIPITATION, FREEZING AND CONTINUOUS HIGH HUMIDITY UNTIL THEY ARE FULLY DRY.

8. ALUMINUM COMPOSITE METAL WALL PANELS (ACM)

A. PERFORMANCE REQUIREMENTS: PROVIDE COMPOSITE METAL PANELS WHICH HAVE BEEN MANUFACTURED, FABRICATED AND INSTALLED TO WITHSTAND LOADS FROM DEFLECTION AND THERMAL MOVEMENT TO SATISFY CODE REQUIREMENTS AND TO MAINTAIN PERFORMANCE CRITERIA STATED BY MANUFACTURER WITHOUT DEFECTS, DAMAGE OR FAILURE.

B. SUBMITTALS: SUBMIT TO PANDA PRODUCT INFORMATION AND SHOP DRAWINGS SHOWING LAYOUT, PROFILES PRODUCT COMPONENTS INCLUDING ANCHORAGE, ACCESSORIES, FINISHES COLORS AND TEXTURES.

C. QUALITY ASSURANCE: SUBMIT CERTIFIED TEST REPORTS CERTIFYING COMPLIANCE WITH MANUFACTURER'S RECOMMENDATIONS AND BUILDING CODE REQUIREMENTS; SUBMIT INSTALLER QUALIFICATIONS DEMONSTRATING EXPERIENCE IN PERFORMING WORK ON PROJECTS OF SIMILAR TYPE AND SIZE. OBTAIN PANELS FROM A SINGLE MANUFACTURER.

D. WARRANTY: SUBMIT 20 YEAR WARRANTY FOR MATERIALS AND WORKMANSHIP.

E. DELIVER MATERIALS IN MANUFACTURER'S ORIGINAL, UNOPENED, UNDAMAGED CONTAINERS WITH IDENTIFICATION LABELS INTACT. PROTECT PANELS DURING CONSTRUCTION BY APPLYING HEAVY DUTY REMOVABLE PLASTIC FILM. EXERCISE CARE IN UNLOADING, STORING AND INSTALLING PANELS TO PREVENT BENDING, WARPING, TWISTING AND SURFACE DAMAGE.

F. FIELD MEASUREMENTS: VERIFY ACTUAL MEASUREMENTS AND OPENINGS BEFORE FABRICATION. SHOW RECORDED FIELD MEASUREMENTS ON SHOP DRAWINGS. COORDINATE FIELD DIMENSIONS AND CONDITIONS.

G. MANUFACTURER: PROVIDE PANELS MANUFACTURED BY MITSUBISHI PLASTICS COMPOSITES OF AMERICA: ALPOLC COMPOSITE METAL PANELS (WWW.ALPOLC-NORTHAMERICA.COM). SUBSTITUTIONS WILL BE CONSIDERED, BUT CONTRACTOR MUST OBTAIN WRITTEN APPROVAL FROM PANDA BEFORE SUBMITTING FINAL BID.

H. PANELS SHALL BE 4MM THICK SYSTEM. INSTALLATION OF ANY PANEL NEEDS TO BE EASILY REMOVED AND REPLACED, ANY PANEL SHALL BE ABLE TO BE REMOVED WITHOUT HAVING TO REMOVE ANY OTHER ADJACENT PANEL FIRST. FACTORY FINISH SHALL BE FLUOROPOLYMER PAINT FINISH THAT MEETS OR EXCEEDS VALUES EXPRESSED IN AAMA 2605.

I. PROTECT PANELS DURING DELIVERY, STORAGE AND ERECTION. PROTECT ADJACENT BUILDING SURFACES DURING ERECTION.

J. INSTALL PANELS PLUMB, LEVEL, TRUE IN COMPLIANCE WITH MANUFACTURER'S RECOMMENDATIONS AND TO TOLERANCES OF MAXIMUM DEVIATION FROM HORIZONTAL AND VERTICAL OF .25 INCH IN 20 FEET, NON CUMULATIVE COMPLY WITH MANUFACTURER'S INSTRUCTIONS AND INSTALL IN ACCORDANCE WITH THE APPROVED SHOP DRAWINGS.

K. REMOVE AND REPLACE PANELS BEYOND REPAIR AS DETERMINED BY PANDA.

L. CLEANING: REMOVE PROTECTIVE FILM IMMEDIATELY AFTER INSTALLATION OF JOINT SEALERS AND IMMEDIATELY PRIOR TO COMPLETION OF ACM WORK. FINAL CLEAN ACM PANELS, REMOVE CONSTRUCTION DEBRIS FROM PROJECT SITE AND LEGALLY DISPOSE OFF SITE.

9. VAPOR BARRIER

ALL EXTERIOR SHEATHING SHOWN IN DRAWINGS CALLED OUT TO RECEIVE "WRB" (WATER RESISTIVE BARRIER) OR VAPOR BARRIER. SHALL RECEIVE THE FOLLOWING:

MANUFACTURER: STO CORPORATION (www.stocorp.com)

SPECIFICATION: STO GUARD WTH GOLD COAT A1000G

SUBSTITUTIONS: NOT ALLOWED

INSTALLATION: INSTALL PER MANUFACTURER'S INSTRUCTIONS/SPECIFICATIONS

10. WATER PROOFING MEMBRANE BEHIND COMPOSITE DECKING

ALL EXTERIOR SHEATHING SHOWN IN DRAWINGS CALLED OUT TO RECEIVE "WATER PROOFING" LOCATED SPECIFICALLY BEHIND ALL COMPOSITE WOOD DECKING SIDING SHALL RECEIVE THE FOLLOWING:

MANUFACTURER: BASF (www.master-builders-solutions.basf.us/en-us/products/masterseal/1991)

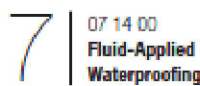
SPECIFICATION: MASTERSEAL HLM 5000

SUBSTITUTIONS: NOT ALLOWED

INSTALLATION: INSTALL PER MANUFACTURER'S INSTRUCTIONS/SPECIFICATIONS - REF. TO CUT SHEET BELOW



Technical Data Guide



MasterSeal® HLM 5000

Liquid, cold-applied elastomeric waterproofing membrane system

FORMERLY SONGSHELD® HLM 5000

YIELD
25-30 ^{ft}²/gal at 55-65 wet mils
(0.61-0.74 ^ml, at 1.4-1.7 ^{mm} wet thickness)

25-30 ^{ft}²/gal at 45-55 dry mils
(0.61-0.74 ^ml, at 1.1-1.4 ^{mm} dry thickness)

Coverage may vary with the application technique used. Actual coverage rate and mil thickness depend on finish and porosity of the substrate.

STORAGE
Store in unopened containers in clean, dry conditions at 40 to 80°F (4 to 27°C). During storage, an easily removed skin of HLM 5000 may form, which does not affect performance of the product.

SHELF LIFE
- 1 Year Pails
- 6 Months Drums

VOC CONTENT
- MasterSeal HLM 5000 SL: 183 g/L
- MasterSeal HLM 5000 S: 190 g/L
- MasterSeal HLM 5000 R: 190 g/L
- MasterSeal HLM 5000 T: 132 g/L

DESCRIPTION
MasterSeal HLM 5000 is a one-component, moisture-curing, bitumen-modified polyurethane elastomeric waterproofing membrane for exterior below grade or between-slab applications. It is available in four grades:
MasterSeal HLM 5000 SL (self-leveling/squeegee)
MasterSeal HLM 5000 T (trowel)
MasterSeal HLM 5000 S (spray)
MasterSeal HLM 5000 R (roller)

PRODUCT HIGHLIGHTS
• Available in standard and high-build systems
• Waterproofing membrane to prevent water penetration
• Elastomeric accommodates expansion and contraction
• Wide service temperature range, making MasterSeal HLM 5000 suitable for all climates
• Chemical resistance to bacterial attack, select acids, alkalis and salts
• Seamless cold applied membrane eliminates lapping, seaming and patching
• Does not require hot-melt equipment

APPLICATIONS
• Concrete
• Plywood (exterior)
• Exterior below grade (on masonry, concrete, and incidental metal)
• Above grade (between two-course concrete and within cavity walls)
• Parking garages and concrete tanks
• Plaza decks and malls
• Fountains and pools
• Balconies and planters
• Below-grade slabs
• Walls and coverts
• Sea walls, dams and reservoirs

HOW TO APPLY MASTERSEAL HLM 5000 SURFACE PREPARATION
For best results, all concrete deck surfaces should be lightly steel troweled to a flat, uniform surface. A light broom finish is acceptable. New concrete must be properly water cured at least 14 days. Membrane curing compounds must be mechanically removed.



DIVISION 8 - DOORS AND WINDOWS

1. QUALITY ASSURANCE

EXTERIOR WINDOW AND DOORS: WINDOWS AND DOORS INSTALLED IN EXTERIOR WALLS SHALL CONFORM TO THE TESTING AND PERFORMANCE REQUIREMENTS OF SECTION 1714.5". INSTALLATION.

WINDOW AND DOORS SHALL BE INSTALLED IN ACCORDANCE WITH APPROVED MANUFACTURER'S INSTRUCTIONS. FASTENER SIZE AND SPACING SHALL BE PROVIDED IN SUCH INSTRUCTIONS AND SHALL BE CALCULATED BASED ON MAXIMUM LOADS AND SPACING USED IN THE TESTS". EXTERIOR WINDOW AND DOOR ASSEMBLIES. THE DESIGN PRESSURE RATING OF EXTERIOR WINDOWS AND DOORS IN BUILDINGS SHALL BE DETERMINED IN ACCORDANCE WITH SECTION 1714.5.1 OR 1714.5.2, EXCEPTION: STRUCTURAL WIND LOAD DESIGN PRESSURES FOR WINDOW UNITS SMALLER THAN THE SIZE TESTED IN ACCORDANCE WITH SECTION 1714.5.1 OR 1714.5.2 SHALL BE PERMITTED TO BE HIGHER THAN THE DESIGN VALUE OF THE TESTED UNIT PROVIDED SUCH HIGHER PRESSURES ARE DETERMINED BY ACCEPTED ENGINEERING ANALYSIS. ALL COMPONENTS OF THE SMALL UNIT SHALL BE THE SAME AS THE TESTED UNIT. WHERE SUCH CALCULATED DESIGN PRESSURES ARE USED, THEY SHALL BE VALIDATED BY AN ADDITIONAL TEST OF THE WINDOW UNIT HAVING THE HIGHEST ALLOWABLE DESIGN PRESSURE."

EXTERIOR WINDOWS AND GLASS DOORS SHALL BE LABELED AS CONFORMING TO AAMA/NWDA 1011/S.2 OR 1011/S.2NAFS. THE LABEL SHALL STATE THE NAME OF THE MANUFACTURER, THE APPROVED LABELING AGENCY AND THE PRODUCT DESIGNATION AS SPECIFIED IN AAMA/NWDA 1011/S.2 OR 1011/S.2NAFS. PRODUCTS TESTED AND LABELED AS CONFORMING TO AAMA/NWDA 1011/S.2 OR 1011/S.2NAFS SHALL NOT BE SUBJECT TO THE REQUIREMENTS OF SECTIONS 2403.2 AND 2403.3". EXTERIOR WINDOWS AND DOOR ASSEMBLIES NOT PROVIDED FOR IN SECTION 1714.5.1, EXTERIOR WINDOW AND DOOR ASSEMBLIES SHALL BE TESTED IN ACCORDANCE WITH ASTM E530. EXTERIOR WINDOW AND DOOR ASSEMBLIES CONTAINING GLASS SHALL COMPLY WITH SECTION 2403. THE DESIGN PRESSURE FOR TESTING SHALL BE CALCULATED IN ACCORDANCE WITH CHAPTER 16. EACH ASSEMBLY SHALL BE TESTED FOR 10 SECONDS AT A LOAD EQUAL TO 1.5 TIMES THE DESIGN PRESSURE".

2. METAL DOORS AND FRAMES

WORK INCLUDED: FURNISH AND INSTALL METAL DOORS AND DOOR FRAMES AS SHOWN ON THE DRAWINGS AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.

MATERIALS: DOORS AND FRAMES SHALL BE EQUIVALENT TO STEEL CRAFT, LABELED OR NON-LABELED AND SIZE AS INDICATED ON DRAWINGS.

STEEL DOORS SHALL BE FULL-FLUSH DESIGN L-18 (18 GAUGE) REINFORCED FOR FINISH HARDWARE AND WITH BAKED ON PRIME PAINT. STEEL FRAMES SHALL BE FURNISHED KNOCKED DOWN, TYPE F-16 (16 GAUGE), MITERED CORNERS SHALL HAVE HEAVY REINFORCEMENTS WITH FOUR TABS FOR SECURING AND INTERLOCKING JAMB TO HEAD. PROPER REINFORCEMENT AND CUT-OUT FOR FINISH HARDWARE. FRAMES SUPPLIED WITH SUITABLE JAMB AND BASE ANCHORS, RUBBER BUMPERS AND PRIME PAINTED.

3. WOOD DOORS

PROVIDE AND INSTALL STANDARD SOLID-CORE, FLUSH WOOD DOORS. FACE VENEER: REFER TO COLOR AND DOOR SCHEDULES FOR LIST OF DOORS TO RECEIVE SCHEDULED FINISHES.

SOLID CORE: MAT FORMED WOOD PARTICLE BOARD, TYPE I, DENSITY, CLASS 1, COMMERCIAL STANDARD CS236-66, AS MANUFACTURED, BY U.S. PLYWOOD, GENERAL VENEER OR WEYERHAEUSER.

DOORS SHALL BE MANUFACTURED PER MILL WORK STANDARDS OF THE ARCHITECTURAL WOODWORK INSTITUTE (AWI) FOR PREMIUM GRADE.

EDGE BANDING: PAINTED FINISH: MILL OPTION STAINED FINISH: MATCH FACE VENEER.

CUTOUTS FOR GLAZING OR LOUVERS SHALL HAVE HARDWOOD FRAMES AND STOPS.

ADHESIVES: CONFORM TO CS 35 TYPE II, FOR INTERIOR DOORS AND TYPE I FOR EXTERIOR DOORS.

DOORS TO HAVE METAL LOUVERS AS INDICATED ON THE DRAWINGS SHALL BE 24 GAUGE WITH CHEVRON TYPE BLADES WITH FREE AIR 50% TOTAL AREA AND BE PRIME PAINTED.

PRE-FIT DOORS AT FACTORY WITH CLEARANCES OF 1/8" AT EACH VERTICAL EDGE AND AT TOP, 1/8" AT BOTTOM, AND 1/8" IN Z" BEVEL AT LOCK EDGE, 1/8" CLEARANCE ABOVE FLOOR WITHOUT THRESHOLD, 1/8" ABOVE FLOOR WITH THRESHOLD.

INSTALL DOORS TO COMPLY WITH MANUFACTURER'S INSTRUCTIONS. FIT DOORS TO FRAMES WITH UNIFORM CLEARANCE AND BEVELS. MACHINE DOORS FOR HARDWARE. IF REQUIRED, REFINISH OR REPLACE DOORS DAMAGED DURING INSTALLATION.

4. FINISH HARDWARE

SECURITY NOTES - SWINGING DOORS: ALL PIN-TYPE HINGES WHICH ARE ACCESSIBLE FROM OUTSIDE THE SECURED AREA WHEN THE DOOR IS CLOSED SHALL HAVE NON-REMOVABLE HINGE PINS. IN ADDITION, THEY SHALL HAVE 1/2" MINIMUM DIAMETERS STEEL JAMB STUDS WITH 1/2" MINIMUM PROJECTION, UNLESS THE HINGES ARE SHAPED TO PREVENT DOOR REMOVAL IF HINGE PINS ARE REMOVED.

STRIKE PLATES FOR LATCHES AND HOLDING DEVICES FOR PROJECTING DEAD BOLTS IN WOOD CONSTRUCTION SHALL BE SECURED TO THE JAMB AND WALL FRAMING WITH SCREWS NOT LESS THAN 2-1/2" IN LENGTH.

DEAD BOLTS SHALL CONTAIN HARDENED INSERTS.

STRAIGHT DEAD BOLTS SHALL HAVE A MINIMUM THROW OF 1" AND AN EMBEDMENT OF NOT LESS THAN 1/2"

HOOK SHAPED OR EXPANDING LAG DEAD BOLTS SHALL HAVE A MINIMUM THROW OF 1/2"

CYLINDER GUARDS SHALL BE INSTALLED ON ALL CYLINDER LOCKS WHENEVER THE CYLINDER PROJECTS BEYOND THE FACE OF THE DOOR OR IS OTHERWISE ACCESSIBLE TO GRIPPING TOOLS.

HARDWARE NOTES: REFERENCE HARDWARE SCHEDULE FOR SPECIFICATIONS.

KEYING: ALL CYLINDERS SHALL BE REMOVABLE CORE, MASTER KEYED TO INSTA-KEY SYSTEM. REFER DOOR HARDWARE SCHEDULE

FASTENERS: PROVIDE ALL HARDWARE WITH ALL NECESSARY SCREWS, AND OTHER FASTENERS OF SUITABLE SIZE AND TYPE TO ANCHOR THE HARDWARE IN POSITION FOR LONG LIFE UNDER HARD USE.

FURNISH ITEMS COMPLETE WITH EXPANSION SHIELDS, TOGGLE BOLTS AND OTHER ANCHORS, IN ACCORDANCE WITH THE MATERIAL TO WHICH THE HARDWARE IS TO BE APPLIED AND THE RECOMMENDATIONS OF THE HARDWARE MANUFACTURER. FASTENER FINISH SHALL HARMONIZE WITH THE HARDWARE MATERIAL. INSTALL HARDWARE ITEMS IN ACCORDANCE WITH THE SCHEDULE INCLUDED ON THE DRAWINGS, EXCEPT AS SPECIFICALLY REQUIRED TO COMPLY WITH LOCAL CODES AND AS RECOMMENDED BY THE DOOR AND HARDWARE INSTITUTE.

INSTALL HARDWARE IN COMPLIANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS. SET UNITS LEVEL, PLUMB AND TRUE. ADJUST AND CHECK OPERATION OF EVERY UNIT. REPLACE UNITS WHICH CANNOT BE ADJUSTED TO OPERATE FREELY AND SMOOTHLY.

COORDINATE WITH OTHER TRADES TO ASSURE PROPER AND ADEQUATE PROVISION IN THE WORK OF THOSE TRADES FOR INTERFACE WITH THE WORK OF THIS SECTION.

5. INSULATING GLASS UNIT

TEMPERED GLASS SHALL CONFORM WITH CPSC, ANSI, Z97.1, ASTM, FGMA STANDARDS

ENERGY CODE DATA FOR GLASS: REFERENCE WINDOW SCHEDULE FOR SPECIFICATION.

6. GLAZING

ALL GLAZING SHALL CONFORM TO CONSUMER PRODUCT SAFETY STANDARD 16 CFR, PART 1201.

ALUMINUM STOREFRONT SYSTEM: THE SYSTEM SHALL BE AS NOTED ON THE DRAWINGS AS MANUFACTURED BY: KAWNEER COMPANY, INC., NORTHRUP ARCHITECTURAL SYSTEM.

STORE FRONT SHALL BE STRUCTURALLY REINFORCED, EXTRUDED ALUMINUM FRAMING COMPLETE WITH GLASS, NON-STRETCH HIGH SHORE VINYL AND ANCHORAGE ATTACHMENTS AND SHIMS REQUIRED TO SECURE WINDOW WALLS TO BUILDING STRUCTURAL SYSTEM.

FRAMES: SIZES AS SHOWN ON THE DRAWINGS. COMMERCIAL QUALITY EXTRUDED ALUMINUM (ASTM B221), COMPLETE WITH MATCHING PROFILE STOPS TO SUIT FRAMES AND OF ADEQUATE SIZE TO PROVIDE SUFFICIENT BITE ON GLASS, AND DRILLED HOLES, DEFLECTOR PLATES AND INTERNAL FLASHING TO ACCOMMODATE INTERNAL WEEP AND DRAINAGE SYSTEM.

REFER TO WINDOW SCHEDULE FOR ANODIZED ALUMINUM FINISH COLOR.

7. DRIVE-THRU WINDOW

PASS THROUGH WINDOW AT DRIVE-THRU WITH LOCK, PRE-GLAZED WITH ALUMINUM FRAME. SEE WINDOW SCHEDULE ON ELEVATION SHEETS FOR MANUFACTURERS AND DETAILED SPECS.



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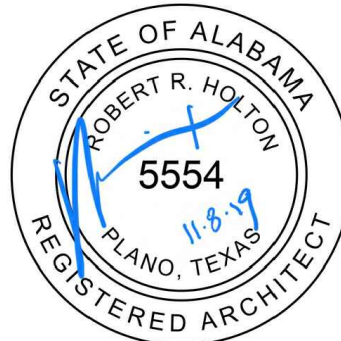
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G-003

SPECIFICATIONS

TRUE WARM & WELCOME

BID ISSUE

DIVISION 9 - FINISHES

1. GYPSUM WALLBOARD

PROVIDE ALL WORK IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS AS REQUIRED HEREIN AND AS SHOWN ON THE DRAWINGS FOR COMPLETE ERECTION AND FINISH OF DRYWALL PARTITIONS.

COMPLY WITH "GYPSUM CONSTRUCTION AND HANDBOOK" BY UNITED STATES GYPSUM CO. AND "RECOMMENDED SPECIFICATIONS FOR THE APPLICATION AND FINISHING OF GYPSUM BOARD" BY THE GYPSUM ASSOCIATION FOR ALL INSTALLATION WORK.

FIRE-RATED GYPSUM WALLBOARD, ASTM C63078. USE 4 FEET WIDE SHEETS WITH LONG TAPERED EDGE. THICKNESS SHALL BE 5/8" UNITED STATES GYPSUM CO. SHEET-ROCK WR FIRE CODE "1" FOR FIRE RATED PANELS. SEAL ALL EXPOSED AND CUT EDGES PER MANUFACTURERS RECOMMENDATIONS.

USE 5/8" MOISTURE RESISTANT GYPSUM BOARD IN AREAS SPECIFIED ON THE PLANS AND AT ALL TILE WORK WITHIN 48" OF WET AREAS. EACH SHEET SHALL BE MARKED BY THE MANUFACTURER INDICATING THE MOISTURE RESISTANT CAPABILITIES OF THE PRODUCT.

INSTALL GYPSUM WALLBOARD WITH LONG DIMENSION PERPENDICULAR TO FRAMING.

INSTALL PER MANUFACTURE'S WRITTEN INSTRUCTIONS.

METAL-STUDS-CHANNEL-TYPE, ROLL FORM 25 GAUGE MIN (UNLESS NOTED OTHERWISE), SIZE AS NOTED ON DRAWINGS.

CARRYING CHANNELS AND HANGING WIRE - 1-1/2" DEEP, 475 LBS PER 1,000 FEET. MINIMUM 8 GAUGE HANGING WIRE AT 48" O.C. EACH WAY.

FURRING CHANNELS - 7/8" HAT SHAPED.

FASTENING: NAILS-NO. 19 GUAGE, 1-3/8" LONG, 5/16" HEAD ANNULAR RING NAIL, 7" ON CENTER AT CEILING, 8" ON CENTER AT WALLS.

SCREWS - METAL SUSPENSION, SYSTEM, TYPE "S-12" BUGLE, SELF-TAPPING, 3/8" MINIMUM PENETRATION IN METAL FRAMING.

METAL EDGES SHALL BE APPLIED AT ALL EXPOSED CORNERS, ENDS, ETC.

ACCESS PANELS: INRYCOMILCOR, (414) 383-4030, TYPE "M" WITH FLUSH SCREW DRIVE OPERATED LOCKS. IN GYPSUM DRYWALL AND CEILINGS USE PRIME COATED STEEL. IN TILE FINISH WALL AND "FRP" FINISH WALLS USE STAINLESS STEEL FRAMES AND PANELS.

2. CERAMIC TILE

STANDARDS: MORTAR AND GROUT MATERIALS AND INSTALLATION STANDARDS OF THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) AND STANDARD SPECIFICATION FOR CERAMIC TILE ANSI A137.1 APPLY TO THE WORK, EXCEPT AS OTHERWISE INDICATED.

MATERIALS: REFERENCE TILE SCHEDULE

TRIM SHAPES: SAME MATERIAL, SIZE, COLOR AND TEXTURE AS FIELD TILE UNLESS NOTED OTHERWISE.

EDGE STRIPS: PROVIDE AT EXPOSED EDGE OF TILE MEETING CARPET, WOOD OR RESILIENT FLOORING UNLESS NOTED OTHERWISE REFERENCE DRAWINGS FOR SIZE AND SHAPE.

CLEANING AND PROTECTION: CLEAN TILE IN ACCORDANCE WITH APPLICABLE ANSI STANDARD FOR TYPE OF TILE AND METHOD OF INSTALLATION USED AND MANUFACTURER'S INSTRUCTIONS. APPLY HEAVY KRAFT PAPER OR OTHER HEAVY PROTECTIVE COVERING TO PREVENT SURFACE DAMAGE.

3. LAY-IN CEILING TILE

PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, ETC., REQUIRED TO SUPPLY AND INSTALL ARMSTRONG LAY-IN TILE AND CHICAGO METALLIC SUSPENSION SYSTEM, INCLUDING WIRE HANGERS, MAIN TEE RUNNERS, CROSS TEES, ANGLE MOLDING AND HOLD-DOWN CLIP WHERE REQUIRED. SEE REFLECTED CEILING PLAN AND COLOR LEGEND FOR MANUFACTURER AND TYPE.

SUSPENSION SYSTEM: 01. MAIN TEE RUNNERS SHALL BE INSTALLED AT 48" O.C. HAVING CROSS TEES AT 24" O.C. INCLUDING #425 ACCESSIBLE HOLD-DOWN CLIPS AND PERIMETER WALL MOLDING AT ALL VERTICAL ABUTTING SURFACES.

CONTRACTOR TO PROVIDE 1 CARTON, TEN (10) PIECES MINIMUM AT JOB SITE TO OWNERS REPRESENTATIVE FOR FUTURE MAINTENANCE.

COMPLY WITH MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.

PAINTING: WORK INCLUDES SURFACES PREPARATION AND PAINTING OR FINISHING OF ALL INTERIOR SURFACES EXPOSED TO VIEW, THROUGHOUT THE PROJECT, WHERE ITEMS OR SURFACES ARE NOT SPECIFICALLY MENTIONED, PAINT THE SAME AS SIMILAR ADJACENT MATERIALS OR AREAS. THE WORK OF THIS SECTION INCLUDES, BUT IS NOT NECESSARILY LIMITED TO PAINTING OR FINISHING OF ALL INTERIOR DRYWALL SURFACES NOT FINISHED OTHERWISE.

A. MATERIALS: PROVIDE PRODUCTS EQUAL TO MATERIALS LISTED IN THE FINISH SCHEDULE. NOTE THAT PROPRIETARY NAMES USED TO DESIGNATE COLORS (ON THE DRAWINGS) OR MATERIALS (SCHEDULED HEREIN) ARE NOT INTENDED TO IMPLY THAT PRODUCTS OF NAMED MANUFACTURER ARE REQUIRED TO EXCLUSION OF EQUIVALENT PRODUCTS OF OTHER MANUFACTURERS. PRIOR APPROVAL OF OWNERS REPRESENTATIVE REQUIRED.

B. SURFACE PREPARATION: CLEAN SURFACES OF DIRT, RUST SCALE, GREASE, MOISTURE OR OTHER CONDITIONS OTHERWISE DETRIMENTAL TO FORMATION OF A DURABLE PAINT FILM. PERFORM PREPARATION AND CLEANING PROCEDURES IN ACCORDANCE WITH PAINT MANUFACTURER'S PRINTED INSTRUCTIONS FOR EACH PARTICULAR SUBSTRATE CONDITION.

GALVANIZED METAL: CLEAN ALL SURFACES THOROUGHLY WITH SOLVENT UNTIL THEY ARE COMPLETELY FREE FROM DIRT, OIL AND GREASE. ALLOW TO DRY THOROUGHLY BEFORE APPLICATION OF PAINT.

REMOVE HARDWARE, ACCESSORIES, PLATES, LIGHTING FIXTURES, AND SIMILAR ITEMS IN PLACE AND NOT TO BE FINISH PAINTED, OR PROVIDE SURFACED APPLIED PROTECTION PRIOR TO SURFACE PREPARATION AND PAINTING OPERATIONS. REMOVE, IF NECESSARY, FOR COMPLETION OF PAINTING OF EACH SPACE OR AREA, REINSTALL REMOVED ITEMS.

C. APPLICATION: GENERAL: THE FINISHED SURFACE SHALL BE FREE FROM RUNS, SAGS, DROPS, RIDGES, WEAVES, LAPS, BRUSH MARKS AND VARIATIONS IN COLOR, TEXTURE AND FINISH.

COATING PROCESS: SUFFICIENT TIME SHALL ELAPSE BETWEEN SUCCESSIVE COATS TO PERMIT PROPER DRYING.

MIXING AND THINNING: AT TIME OF APPLICATION, PAINT SHALL SHOW NO SIGNS OF HARD SETTLING, EXCESSIVE SKINNING, LIVERING OR OTHER DETERIORATION. PAINT SHALL BE THOROUGHLY STIRRED, STRAINED AND KEPT AT A UNIFORM CONSISTENCY DURING APPLICATION.

STORAGE: THE PAINTER SHALL STORE ALL MATERIALS AND EQUIPMENT IN A ROOM ASSIGNED FOR THAT PURPOSE. PRECAUTIONS SHALL BE TAKEN TO REDUCE FIRE HAZARD AND THE ROOM SHALL BE KEPT CLEAN AND IN GOOD CONDITION.

CLEAN UP: SCHEDULE ALL CLEANING AND PAINTING SO THAT DUST AND OTHER CONTAMINANTS FROM THE CLEANING PROCESS WILL NOT FALL ON WET, NEWLY PAINTED SURFACES. DURING THE PROGRESS OF THE WORK, DO NOT ALLOW THE ACCUMULATION OF EMPTY CONTAINERS OR OTHER EXCESS ITEMS. REMOVE FROM SITE DISCARDED PAINT MATERIALS, RUBBISH, CANS AND RAGS AT END OF EACH WORK DAY. UPON COMPLETION OF PAINTING WORK, CLEAN WINDOW GLASS AND OTHER PAINT SPLATTERED SURFACES. REMOVE SPLATTERED PAINT AND REPAIR DEDACED PAINTED SURFACES AFTER COMPLETION OF WORK OF OTHER TRADES. IF OWNER DEEMS CLEAN-UP IS NOT SATISFACTORY, AND INDEPENDENT CLEANING SERVICE WILL BE BROUGHT IN, AT THE CONTRACTOR'S EXPENSE TO COMPLETE THE CLEAN-UP.

CONTRACTOR SHALL PROVIDE ONE (1) QUART OF UNOPENED PAINT, STAIN AND SEALER OF EACH COLOR AND TYPE USED IN LABELED, COVERED CANS FOR THE OWNER. PLACE IN CARTONS FOR STORAGE.

SEE PAINT SCHEDULE, SHEET G-005. FINAL FINISH IS SUBJECT TO APPROVAL BY OWNER. IF FINISH IS DEEMED UNSATISFACTORY, ANOTHER APPLICATION WILL BE REQUIRED AT THE CONTRACTORS EXPENSE. PROVIDE PAINT AND COATINGS AS LISTED BELOW:

5. EXTERIOR PAINTING

A. METAL
ONE COAT PRIMER
TWO COATS PER SCHEDULE
(NOTE: PRIMER MAY BE ELIMINATED IF ITEM IS FACTORY PRIMED)

B. CEMENT PLASTER:
ONE COAT PRIMER
TWO COATS PER SCHEDULE

C. CONCRETE MASONRY (EXPOSED):
ONE COAT SEALER
TWO COATS MASONRY PAINT PER SCHEDULE

D. SAW-TEXTURED WOOD SURFACE:
ONE COAT STAIN PER SCHEDULE

E. TRASH ENCLOSURE (INSIDE)
ONE COAT CONCRETE BLOCK FILLER
TWO COATS VINYL-ACRYLIC PAINT, COLOR TO MATCH BUILDING

6. INTERIOR PAINTING

A. METAL
ONE COAT PRIMER
TWO COATS PER SCHEDULE
(NOTE: PRIMER MAY BE ELIMINATED IF ITEM IS FACTORY PRIMED)

B. WOOD DOORS (PAINTED):
ONE COAT INTERIOR TRIM PRIMER
TWO COATS PER SCHEDULE

C. SMOOTH FINISH GYPSUM BOARD WALL AND CEILINGS
(GLOSS OR EGGSHELL):
ONE COAT WALL PRIMER
TWO COATS PER SCHEDULE

D. OAK TRIM (SMOOTH WOOD) "LACQUERED"
ONE COAT LACQUER SANDING SEALER
TWO COATS SEMI-GLOSS LACQUER

E. INSIDE THROATS OF AIR CONDITIONING SUPPLY AND RETURN
DUCTS IN PUBLIC AREAS
SPRAY BLACK TO A POINT OUT OF VIEW

7. GENERAL FINISH NOTES

ALL TILE DIMENSIONS ARE DESIGNED TO LAY OUT IN AN EQUAL MANNER. IF TILE MUST BE CUT, THE GROUT LINES SHALL ALIGN WITH ADJACENT TILES OR BE CENTERED AND CUT IN AN OBVIOUS LOCATION. G. C. SHALL COORDINATE THE INSTALLATION OF GYP. BD. WITH TILE DIMENSIONS TO PERMIT EVEN INSTALLATION.

ALL SURFACES TO RECEIVE PAINT FINISH SHALL BE PREPARED TO SHOW NO DEFECTS.
A. APPLY ONE (1) COAT PRIMER-SEALER
B. APPLY TWO (2) COATS FINISH: NO STIPPLE FINISH ON ALL PAINTED SURFACES.
SEE SCHEDULE ON PLANS FOR COLOR AND TYPE.

ALL INTERIOR GYP. BD. TO RECEIVE PAINT FINISH SHALL BE TAPED, SEALED AND SANDED TO RECEIVE FINISH. GYP. BD. UNDER FRP OR S.S. SHALL ONLY BE FIRE TAPED AND SANDED. ALL INTERIOR GYP. BD. TO BE TRUE AND LEVEL.

GYP. BD. SHALL EXTEND AT MINIMUM OF 6" ABOVE LAY-IN CEILING OR UP TO TYP. BD. CEILING. GYP. BD. ON DEMISING WALLS SHALL EXTEND TO THE STRUCTURE ABOVE UNLESS OTHERWISE NOTED.

ALL FLOORS SHALL BE SMOOTH AND LEVEL WITHOUT DEPRESSED OR RAISED AREAS, EXCEPT PROVISION SHALL BE MADE TO HAVE SMOOTH, EVEN SLOPE TO FLOOR DRAINS. THE SURFACE SHALL BE ACCEPTABLE TO RECEIVE FINISH.

VERIFY AND COORDINATE THE LOCATION OF ALL WALL OR CEILING ACCESS PANELS WITH THE OWNERS PROJECT MANAGER.

PROVIDE METAL CORNER BEAD, TRIM AND CASING FOR ALL EDGES AND CORNERS OF GYP. BD. SURFACES ON PAINTED WALLS. CLEAN GYP. BD. CORNERS WITHOUT METAL CORNER BEADS SHALL BE UNDER FRP, TILE, OR S.S.

PROVIDE STIFFENERS, BRACING, BACK-UP PLATES, ETC. AS REQUIRED AT STUD WALLS FOR SUPPORT OF FIXTURES AND OTHER EQUIPMENT.

ALL EXISTING SURFACES SHALL BE INSPECTED AND ALL NECESSARY PREPARATORY WORK SHALL BE DONE IN ORDER TO RECEIVE NEW FINISHES.

BEFORE PAINTING OR FINISHING WORK IS TO BEGIN, ARRANGEMENTS SHALL BE MADE FOR PROPER VENTILATION AND LIGHTING IN ALL AREAS.

ALL FLOOR MATERIAL CHANGES SHALL OCCUR AT DOOR CENTERLINE UNLESS OTHERWISE NOTED.

FLOOR MATERIALS SPECIFIED ON THE FINISH SCHEDULE SHALL EXTEND UNDER ALL EQUIPMENT AND COUNTER AREAS.

FLOOR CONTRACTOR SHALL SUBMIT TO OWNER THREE COPIES OF MANUFACTURER'S MAINTENANCE MANUALS FOR THE FLOOR MATERIAL INSTALLED.

ALL TILE SHALL BE INSTALLED IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED IN THE HANDBOOK FOR CERAMIC TILE INSTALLATION OF THE TILE COUNCIL OF AMERICA (CURRENT EDITION).

ALL INTERIOR FINISHES SHALL COMPLY WITH APPLICABLE LOCAL CODES AND REGULATIONS.

EACH SUBCONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ADEQUATE SURFACE CONDITIONS THAT EXIST FOR THEIR WORK. IF ADEQUATE SURFACE CONDITIONS DO NOT EXIST THE SUBCONTRACTOR SHALL NOT PERFORM THEIR WORK UNTIL THE CONDITION IS CORRECTED.

CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS.

DIVISION 10 - SPECIALTIES

1. PORTABLE FIRE EXTINGUISHERS

PROVIDE GLASS ABC, 10 LB. DRY CHEMICAL OR AS REQUIRED BY FIRE CODES. MINIMUM ON E FURNISHED BY G.C. AT START OF CONSTRUCTION.

2. WALL VENT

GALVANIZED STEEL FRAME AND 45 DEG. BLADES, INSECT SCREEN, PRIME COATED. SEE DRAWINGS FOR SIZE.

3. SOFFIT VENT

FRY REGLET "CLEAR FINISH EIFS SOFFIT VENT" 3" W X 3/4".

4. TOILET ROOM ACCESSORIES

SEE ARCHITECTURAL DRAWINGS FOR TOILET ROOM ACCESSORIES SCHEDULE.

DIVISION 11 - EQUIPMENT

1. FOOD SERVICE EQUIPMENT

THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF THIS WORK AND FOR ASSEMBLIES AND "HOOK-UP" OF FOOD SERVICE EQUIPMENT PROVIDED BY OTHERS, SUCH AS, BUT NOT LIMITED TO, WALK-IN COOLER, WALK-IN FREEZER AND COMPLETE HOT WELLS SERVICE COUNTER ASSEMBLIES.

2. RELATED WORK DESCRIBED ELSEWHERE

THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR WORK OF SECTION "PLUMBING" INCLUDES SETTING OF FAUCETS AND CONNECTIONS TO SERVICES, INTERCONNECTIONS OF EQUIPMENT, FLOOR DRAINS IN THE VICINITY OF INDIRECT DRAIN OUTLETS, FAUCETS AND TRIM.

THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ELECTRIC WORK INCLUDES ALL LINE SWITCHES, SAFETY CUT-OUTS, CONTROL PANELS, FUSE BOXES AND OTHER CONTROLS, ELECTRICAL RECEPTACLES, FITTINGS AND CONNECTIONS, EXCEPT AS OTHERWISE SPECIFIED IN SECTION "ELECTRICAL". ELECTRICAL CONTRACTOR SHALL MAKE FINAL CONNECTIONS TO BUILDING FROM ALL JUNCTION BOXES.

3. AS-BUILT DRAWINGS

GENERAL CONTRACTOR SHALL KEEP AN ACCURATE DIMENSIONED RECORD ON REPRODUCIBLE TRANSPARENCIES OF AS-BUILT LOCATIONS, AND OF WORK WHICH IS INSTALLED DIFFERENTLY FROM THAT SHOWN.

4. LOCATIONS AND ACCESSIBILITY

CONTRACTOR SHALL FULLY INFORM HIMSELF REGARDING PECULIARITIES AND LIMITATIONS OF SPACES AVAILABLE FOR INSTALLATION OF WORK AND MATERIALS FURNISHED AND INSTALLED UNDER THIS DIVISION. DRAWINGS INDICATE LOCATION AND ARRANGEMENT OF CONDUIT, EQUIPMENT AND OTHER ITEMS AND ARE TO BE FOLLOWED AS CLOSELY AS POSSIBLE. WORK SPECIFIED AND NOT CLEARLY DEFINED BY DRAWINGS SHALL BE INSTALLED AND ARRANGED IN A MANNER SATISFACTORY TO PANDA PM. IN EVENT CHANGES IN INDICATED LOCATIONS AND ARRANGEMENTS ARE DEEMED NECESSARY BY PANDA PM, THEY SHALL BE MADE BY THE CONTRACTOR WITHOUT ADDITIONAL CHARGES PROVIDED THAT THE CHANGES ARE ORDERED BEFORE THE WORK IS INSTALLED AND NO EXTRA MATERIALS OR LABOR ARE REQUIRED.

5. CLEANING OF EQUIPMENT, MATERIALS AND PREMISES

CLEAN EQUIPMENT AND MATERIALS THOROUGHLY. LEAVE SURFACES TO BE PAINTED SMOOTH AND CLEAN, READY FOR PAINTERS. CLEAN ENTIRE PREMISES OF UNUSED MATERIALS, RUBBISH, DEBRIS AND DIRT CREATED BY WORK UNDER THIS DIVISION.

6. OPERATION AND MAINTENANCE INSTRUCTIONS

FULLY INSTRUCT AND DEMONSTRATE TO THE OWNER'S OPERATING PERSONNEL THE PERFORMANCE, OPERATION AND MAINTENANCE OF EQUIPMENT. THE TIME ALLOWED FOR SAID INSTRUCTION SHALL BE ALLOWED FOR EACH CONTRACTOR AS PART OF THESE CONTRACT DOCUMENTS.

7. TESTING AND ADJUSTMENT

UPON COMPLETION OF ELECTRICAL WORK, ADJUST AND TEST CIRCUITS, OUTLETS, SWITCHES, LIGHTS, MOTORS AND TIME CLOCKS TO INSURE PROPER OPERATION OF ELECTRICAL EQUIPMENT. CHECK SERVICE VOLTAGES UNDER MAXIMUM LOAD, ITEMS, FIXTURES AND PARTS IN NEED OF CORRECTION AND DISCOVERED DURING SUCH TESTING SHALL BE IMMEDIATELY REPAIRED OR REPLACED WITH NEW EQUIPMENT, AND THAT PART OF THE SYSTEM SHALL BE RE-TESTED. SUCH REPLACEMENT OR REPAIR SHALL BE DONE AT NO ADDITIONAL COST TO THE OWNER.

DIVISION 12 - FURNISHINGS

1. NOT USED

DIVISION 13 -SPECIAL CONSTRUCTION

1. NOT USED

DIVISION 14 - CONVEYING SYSTEM

1. NOT USED

DIVISION 15 - MECHANICAL

1. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR SPECIFICATIONS

DIVISION 16 - ELECTRICAL

1. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL SPECIFICATIONS

FIRE PREVENTION NOTES

1. ALL WORK SHALL COMPLY WITH THE VERSION OF THE INTERNATIONAL FIRE CODE AS AMENDED AND ADOPTED BY THE LOCAL AGENCIES HAVING AUTHORITY.

2. THE CONTRACTOR SHALL PROVIDE FIRE EXTINGUISHERS (NUMBER AND TYPE) AS SHOWN ON THE DRAWINGS AND REQUIRED BY LOCAL JURISDICTIONS. COORDINATE EXACT LOCATIONS WITH PANDA EXPRESS'S REPRESENTATIVE.

3. PROVIDE ONE PORTABLE FIRE EXTINGUISHER WHICH HAS A CLASSIFICATION OF NOT LESS THAN K TYPE FOR KITCHEN (U.F.C. SEC. 10.303) LOCATION TO BE APPROVED BY THE LOCAL AUTHORITIES PRIOR TO INSTALLATION.

4. PENETRATIONS OF RATED WALLS SHALL BE PROTECTED BY ASSEMBLIES OF APPROPRIATE RATING, INCLUDING DOORS, DUCTS, ETC. ALL REQUIRED FIRE DAMPER ASSEMBLIES INCLUDING SLEEVES AND INSTALLATION PROCEDURES SHALL BE APPROVED BY THE BUILDING DEPARTMENT INSPECTOR PRIOR TO INSTALLATION.

5. ALL AIR-HANDLING CUT-OFF AND SMOKE-DETECTED FIRE DAMPING EQUIPMENT REQUIRED BY THE LOCAL AGENCIES HAVING AUTHORITY SHALL BE PROVIDED AND INSTALLED BY THE MECHANICAL CONTRACTOR.

6. WHERE REQUIRED, FLAME SPREAD RATINGS OF MATERIAL USED IN THE CONSTRUCTION WILL BE SUPPLIED TO THE FIRE DEPARTMENT BY THE CONTRACTOR ORDERING THE MATERIALS.

7. ILLUMINATED EXIT SIGNS WITH BATTERY PACKS AND AUDIBLE SIGNALS SHALL BE PROVIDED AS SHOWN ON THE DRAWINGS AND AS REQUIRED BY CODE.

8. IF REQUIRED, COORDINATE FIRE SPRINKLER SYSTEM REQUIREMENTS WITH LOCAL AUTHORITIES. INSTALLATION SHALL COMPLY WITH NFPA 13. FIRE SPRINKLER PROTECTION SHALL BE PROVIDED ABOVE AND INSIDE WALK-IN COOLER AND FREEZERS.

9. INTERIOR FINISH SHALL COMPLY WITH ALL APPLICABLE CODES.

10. PROVIDE AN APPROVED AUTOMATIC FIRE EXTINGUISHING SYSTEM IN THE COOKING EXHAUST HOOD.

11. ALL DECORATIVE MATERIALS SHALL BE MAINTAINED IN A FLAME-RETARDANT CONDITION.

12. DUCTS SERVING A COOKING EXHAUST HOOD SHALL BE ENCLOSED IN A FIRE RATED ENCLOSURE (SEE MECHANICAL DRAWINGS FOR REQUIREMENT).

13. BUILDING NUMBERS SHALL BE EASILY VISIBLE AND LEGIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY.

14. THE CONSTRUCTION, REMODEL, OR DEMOLITION OF A BUILDING SHALL COMPLY WITH ALL APPLICABLE CODES.

15. PROVIDE OCCUPANT LOAD SIGN COMPLYING WITH CODE.

16. EXIT DOORS SHALL HAVE PANIC HARDWARE AND SHALL SWING IN THE DIRECTION OF EXIT TRAVEL WHEN SERVING ANY HAZARDOUS AREAS, OR ANY OTHER OCCUPANCY SERVING AN OCCUPANT LOAD OF 50 OR MORE.



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TWW REMODEL

G-004

SPECIFICATIONS

TRUE WARM & WELCOME

BID ISSUE

EXTERIOR FINISH SCHEDULE

INSTALLED AND FURNISHED BY: G.C. UNLESS NOTED OTHERWISE

NO	MANUFACTURER	MFG#	COLOR	FINISH	NOTES
(EIFS-1)	STO	STOTHERM ESSENCE SYSTEM	SW 6148 WOOL SKEIN	FINE	BUILDING BODY
(EIFS-2)	STO	STOTHERM ESSENCE SYSTEM	SW 7067 CITYSCAPE	FINE	BUILDING BODY
(ST-1S)	CORONADO STONE PRODUCTS	900 SERIES	#2 GREY	-	STONE CAP (3/8" VERTICAL JOINT - MORTAR TO MATCH STONE CAP)
(ST-1)	CORONADO STONE PRODUCTS	INDUSTRIAL LEDGE	SHALE GREY	-	ENTRY PORTAL & WAINSCOT CONTACT: LISA KILGORE: 864-962-1221 PROVIDE 3/8" MORTAR JOINTS. COLOR TO MATCH STONE
(CD-1)	FIBERON	HORIZON	IPE	60% MATERIAL COVERAGE - RANDOM MIX (NON-GROOVE)	COMPOSITE DECKING - CONTACT: BILL ROSS @ 704-756-1980 EMAIL: Bllr@fiberondecking.com
(CD-2)	FIBERON	HORIZON	TUDOR BROWN	40% MATERIAL COVERAGE - RANDOM MIX (NON-GROOVE)	COMPOSITE DECKING - CONTACT: BILL ROSS @ 704-756-1980 EMAIL: Bllr@fiberondecking.com
(MTL-1)	EXCEPTIONAL METALS	-	"PANDA EXPRESS IRON ORE"		CAP FLASHING

TILE SCHEDULE

INSTALLED AND FURNISHED BY: G.C. UNLESS NOTED OTHERWISE

01-11-19

NO.	MANUFACTURER	DESCRIPTION	COLOR	FINISH	JOINT	GROUT	REMARK
(T-108)	CMC AGGREGATE DOUG SALATINO 518-713-5371	12" X 24" X 3/4"	-	-	1/8"	G-111	RESTROOM WALL
(T-109)	CMC ITALIAN WOOD DOUG SALATINO 518-713-5371	6" X 48 X 3/8" & 8" X 48" X 3/8"	ITALIANO	-	1/8"	G-113	RR VESTIBULE & DINING ROOM WALLS
(T-200)	CMC DOUG SALATINO 518-713-5371	24" X 24"	BRAVADA GREIGE	MATTE	1/8"	G-96	DINING & RESTROOM FLOOR
(T-300)	EMSER - ECHO	3" HEXAGON	CALACATTA	MATTE	1/8"	G-114	BEVERAGE COUNTER BACKSPLASH
(S1)	SILIKAL	QUARTZ BLEND #4	-	PLAIN	-	-	KITCHEN SERVICE FLOOR CONTACT: MARK FELDMAN 770-830-1404 (mfeldman@silikalamerica.com)
(S2)	SILIKAL	QUARTZ BLEND #4	-	ABRASIVE	-	-	JOHN COTHRAN 888-830-1404 (jcothran@silikalamerica.com)
(M100)	MATSINC 800.628.7462	NUWAY - 7/16" ALUM FOOT GRILLE	CHARCOAL	-	-	-	(2) 2' X 6' PIECES FOR A 4' X 6' OVERALL MAT SIZE IN VESTIBULE @ VESTIBULE STORES
GROUT	MANUFACTURER	DESCRIPTION	MFG.	COLOR	FINISH		REMARK
(G-96)	MAPEI 800.42.MAPEI WWW.MAPEI.COM	LATEX MODIFIED GROUT	11	SAHARA BEIGE	POLY BLEND 1/8" NON-SANDED		DINING & RESTROOM FLOOR APPLY GROUT SEALER
(G-111)	MAPEI 800.42.MAPEI WWW.MAPEI.COM	LATEX MODIFIED GROUT	19	PEARL GREY	POLY BLEND 1/8" NON-SANDED		RESTROOM, DINING APPLY GROUT SEALER
(G-113)	MAPEI 800.42.MAPEI WWW.MAPEI.COM	LATEX MODIFIED GROUT	07	CHOCOLATE	POLY BLEND 1/8" NON-SANDED		APPLY GROUT SEALER
(G-114)	CUSTOM BUILDING PRODUCTS	PRISM GROUT	11	SNOW WHITE	POLY BLEND 1/8" NON-SANDED		BEVERAGE COUNTER BACKSPLASH APPLY GROUT SEALER

* REFER A-200 EXTERIOR FINISH SCHEDULE FOR EXTERIOR DECORATIVE TILE

* SCHLUTER SYSTEM ALUMINUM TRIM:

COVE TILE TRIM: INSTALLED AT RESTROOM, SERVICE COUNTER, AND DRINK STATION
SCHLUTER SYSTEMS DILEX-AHK 1S 12S ATGB (BRUSHED NICKEL ANODIZED ALUMINUM)
- OUTSIDE CORNER CONNECTOR PIECE: DILEX-AHK-E90/AHK 1S 12S ATGB (BRUSHED NICKEL ANODIZED ALUMINUM)
- INSIDE CORNER CONNECTOR PIECE: DILEX-AHK-I90/AHK 1S 12S ATGB (BRUSHED NICKEL ANODIZED ALUMINUM)
- END CAP PIECE: DILEX-AHK-E/AHK 1S 12S ATGB (BRUSHED NICKEL ANODIZED ALUMINUM)

EDGE TILE TRIM:
SCHLUTER SYSTEMS RONDEC-R012S ATGB (BRUSHED NICKEL ANODIZED ALUMINUM)
- OUTSIDE CORNER CONNECTOR PIECE: RONDEC-EVRO12S ATGB (BRUSHED NICKEL ANODIZED ALUMINUM)
- INSIDE CORNER CONNECTOR PIECE: RONDEC-ILR012S ATGB (BRUSHED NICKEL ANODIZED ALUMINUM)

* EPOXY GROUT BY MAPEI, KERAPOXY IEG, 100% SOLIDS INDUSTRIAL GRADE. AREAS: UNDER HOOD AND 36" IN FRONT OF COOKING LINE, 3 COMPARTMENT SINK AND MOP SINK AREA
SEE MANUFACTURER'S SPECIFICATION, DETAILS AND GUIDE FOR PREPARATION, MIXING, GROUTING AND CLEANING INSTRUCTION
NOTE: SEE INTERIOR SHEETS FOR WALL/ BASE TILE LOCATIONS AND SPECIFICATIONS

TOILET ACCESSORY SCHEDULE

NO	DESCRIPTION
RG42	BOBRICK GRAB BAR, 42" LONG B-6806 1 1/2", SATIN FINISH; FURNISHED BY LOCKNET, INSTALLED BY G.C.
RG48	BOBRICK GRAB BAR, 48" LONG B-6806 1 1/2" SATIN FINISH; FURNISHED BY LOCKNET, INSTALLED BY G.C.
RG18	BOBRICK GRAB BAR, 18" LONG B-6806 1 1/2" SATIN FINISH; FURNISHED BY LOCKNET, INSTALLED BY G.C.
RM	BOBRICK CHANNEL FRAME MIRROR B-165 (1836) 18"X36" STAINLESS STEEL CHANNEL FRAME FURNISHED BY LOCKNET, INSTALLED BY G.C.
RS	SOAP DISPENSER (BY VENDOR)
RMS	BOBRICK SEAT COVER DISPENSER B-221 STAINLESS STEEL, SATIN FINISH FURNISHED BY LOCKNET, INSTALLED BY G.C.
RTR	BOBRICK SURFACE MOUNTED TRASH RECEPTACLE MODEL #B-277; FURNISHED BY LOCKNET, INSTALLED BY G.C.
RHD	PAPER TOWEL DISPENSER FURNISHED BY PANDA EXPRESS, INSTALLED BY G.C.
RMT	BOBRICK MULTI-ROLL TOILET TISSUE DISPENSER B-2888 STAINLESS STEEL, SATIN FINISH FURNISHED BY LOCKNET, INSTALLED BY G.C.
RT	AMERICAN STANDARD CADET RIGHT HEIGHT ELONGATED TOILET 2467.016 TLT, 4142.600 TANK, AMERICAN STANDARD #5321.110 SEAT, COLOR: WHITE. TRIP TO BE ON OPEN SIDE. FURNISHED AND INSTALLED BY G.C.
RL	ZURN WALL HUNG LAVATORY Z5344, 20" X 18" VITREOUS CHINA, WITH 4" CENTER FAUCET HOLES & ZURN Z-1231 CONCEALED ARM CARRIER FURNISHED AND INSTALLED BY G.C.
RU	TOTO URINAL UT108UGW01 URINAL, TEU1UN12HCP ECO POWER GPF SENSOR FLUSH VLV. FURNISHED AND INSTALLED BY G.C.
RD	BOBRICK SURFACE-MOUNTED SANITARY NAPKIN DISPOSAL B-254 STAINLESS STEEL, SATIN FINISH FURNISHED BY LOCKNET, INSTALLED BY G.C.
RH	BOBRICK SURFACE-MOUNTED CLOTHES HOOK AND BUMPER B-233 SOLID ALUMINUM CASTING, MATTE FINISH, INSIDE OF RESTROOM DOORS FURNISHED BY LOCKNET, INSTALLED BY G.C.
* INSULATE ALL PIPES (TRAP & HOT WATER) AT ACCESSIBLE LAVATORIES.	

LIGHTING FIXTURE SCHEDULE

PROVIDED FOR INFORMATION ONLY. VERIFY AND INSTALL PER ELECTRICAL DRAWING

01-11-19

ITEM	SYMBOL	DESCRIPTION	QTY.	MFR. & CAT. NO.	REMARK
INTERIOR LIGHTING ITEM					
(L1)		T-BAR CEILING RECESSED MOUNTED LED LIGHTING FIXTURE, 2' X 4', 120V BAKED-ON WHITE ENAMEL FINISH.	9	LSI FIXTURE: SFP24-LED-50-UE-DIM-35	KITCHEN CEILING LIGHTS. FURNISHED BY OWNER INSTALLED BY GC
(L1EM)		T-BAR CEILING RECESSED MOUNTED LED LIGHTING EMERGENCY FIXTURE, 2' X 4', 120V BAKED-ON WHITE ENAMEL FINISH.	3	LSI FIXTURE: SFP24-LED-50-UE-DIM-EM	EMERGENCY KITCHEN CEILING LIGHTS FURNISHED BY OWNER INSTALLED BY GC
(L4H)		UNIVERSAL MOUNT EXIT SIGN, LED LIGHTED, 120/277V WITH BATTERY PACK, 2 FACE, GREEN LETTER	6	EXITRONIX GVEX-U-BP-WB-BL-R6	EXIT SIGN FURNISHED BY OWNER, INSTALLED BY GC
(L6A)		HOOD LIGHT	12	FURNISHED & INSTALLED BY EQUIPMENT SUPPLIER	LIGHTS SUPPLIED & PRE-WIRED BY HOOD VENDOR. ELECTRIC CONTRACTOR TO CONNECT MAIN WIRES TO SHUNT TRIP BREAKER AND HOOD CONTROL PANEL
(L6B)		WALK-IN COOLER FLUORESCENT LIGHT, 120 V 48"	2	KASON FIXTURE: # 1810LX4000	FURNISHED BY WIC VENDOR, G.R.E. , INSTALLED BY GC
(L19)		DOWN LIGHT, RECESSED IN CEILING	61	ELITE HOUSING- LDBIC-AT LED MODULE: ELITE LED LIGHTING RL607-750L-DIMTR-120-30K-SN-SN-90+	FURNISHED BY OWNER, INSTALLED BY GC
(L19EM)		EMERGENCY DOWN LIGHT, RECESSED IN CEILING	8	ELITE HOUSING- LDBIC-AT LED MODULE: ELITE LED LIGHTING RL607-750L-DIMTR-120-30K-SN-SN-90+	EMERGENCY RECESSED DOWN LIGHT - NORMALLY ON INVERTER UNIT - ISOLITE, IMI-12-LC-V1 FURNISHED BY OWNER INSTALLED BY GC
(L20)		3 3/4" ADJUSTABLE MR16 DOWN LIGHT, RECESSED IN CEILING	10	LIGHTOLIER: LYTGASTER-378WHX FRAME-IN KIT. 302MRSPX BULB: MR16 - GE - PRECISE IR 37 WATT 40 " BEAM	FURNISHED BY OWNER, INSTALLED BY GC
(L29)		DECORATIVE PENDANT LIGHT	10	KUD JER ENTERPRISE MODEL NO. UL-206088500 BULB: LED EDISON LAMP, 1173467	FURNISHED BY OWNER, INSTALLED BY GC
(L30)		WHITE LED AT SERVICE COUNTER SOFFIT & DINING ROOM PARTIAL HEIGHT WALL	57 L.F.	LUXEM BRIGHT FIXTURE: BLAZE LED	FURNISHED BY OWNER, INSTALLED BY GC
(L100)		MICRO INVERTER	1	ISOLITE #IMI 125	FURNISHED BY OWNER, INSTALLED BY GC
(S)		SPEAKER	3	-	FURNISHED BY MUSIC VENDOR, INSTALLED BY MUSIC VENDOR

NIGHT LIGHTING REQUIREMENTS: "NL" DESIGNATION INDICATED NIGHT LIGHT ON UNSWITCHED CIRCUIT.

- ONE NL BY SERVICE COUNTER, POS / CASHIER
- ONE NL BY POS / CASHIER AT DRIVE THRU STATION IF APPLICABLE
- ONE NL BY EACH EXIT DOORS IN DINNING ROOM & BACK OF HOUSE

EXTERIOR LIGHTING

(L85A)		WALL MOUNTED OVER SERVICE DOOR FIXTURE	1	HOWARD: VL305 30W LED, BRONZE	OVER EXTERIOR SERVICE DOOR. REFER ELEVATIONS FOR HEIGHT FURNISHED BY OWNER, INSTALLED BY GC
(L8A)		NAVILITE EMERGENCY LIGHT	3	EXITRONIX MLED1-GWP	OVER EXTERIOR ENTRANCE & SERVICE DOORS. REFER ELEVATIONS FOR HEIGHT. FURNISHED BY OWNER, INSTALLED BY GC
(L8EA)		EXTERIOR RECESS LIGHT	7	ELITE HOUSING- LDBIC-AT LED MODULE: ELITE LED LIGHTING WET LOCATION: RL607-14W-120-FL-30K-SN-SN -WET LOCATION	INVERTER UNIT - ISOLITE, IMI-12-LC-V1 FURNISHED BY OWNER INSTALLED BY GC
(L40)		LINEAR LIGHT AT EXTERIOR STORAGE ROOM	4	COOPER MX-4VT2-LD4-6-DR-UNV-LB40-CD1-WL-U	FURNISHED BY OWNER, INSTALLED BY GC

CEILING SCHEDULE

INSTALLED AND FURNISHED BY: G.C. UNLESS NOTED OTHERWISE

NO	MANUFACTURER	DESCRIPTION	MATERIAL	FINISH
(C1)	ARMSTRONG	2' X 2' SUSPENDED T-BAR GRID CEILING SYSTEM	CUSTOM #PN91311	T-BAR AND GRID COLOR: SEPIA CONTACT AT ARMSTRONG-SHERRY BRUNT 1-800-442-4212
(C2)	USG	2' X 4' SUSPENDED T-BAR GRID CEILING SYSTEM	"VINYL ROCK" VINYL CLAD GYP. BD PANELS	SMOOTH AND WASHABLE WHITE
(C3)	GOLD BOND	MONOLITHIC CEILING ON METAL FRAMING	5/8" GYP. BD.	SMOOTH PAINT - WHITE AND WASHABLE

SEE SHEET A-103 FOR PAINT SCHEDULE

(MTL-2)	CLEAR ANODIZED ALUMINUM	-	CLEAR ANODIZED	CANOPIES, 16GA ALUMINUM
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WINDOW SCHEDULE

INSTALLED AND FURNISHED BY: G.C. UNLESS NOTED OTHERWISE

SYM	WIDTH	HEIGHT	GLASS	FRAME	REMARKS
(D)	7'-3"	5'-0"	TEMPERED GLASS	DARK BRONZE ANODIZED ALUMINUM	QUIK-SERV (NON-HEATED AIR CURTAIN), ROUGH OPENING 87" X 60" SEE ADDITIONAL NOTE # 5. CONTACT: WADE ARNOLD, 800-388-8307

NOTES

- MANUFACTURER: QUIK-SERV, MODEL SST-48602 WITH THRU-BEAM PHOTO-ELECTRIC BAR, REGIONAL APPLICATION WITH CF-25 NON HEATED AIR CURTAIN. TYPE OF AIR CURTAIN LISTED ON WINDOW SCHEDULE.
- WINDOW SYSTEM SHALL COMPLY WITH APPLICABLE SECTION AND CHAPTER OF BUILDING CODE.

① TEMPERED GLASS

FINISH SCHEDULE

ROOM NAME	FLOOR	BASE	WALL	CEILING
(100) DINING ROOM	T200 24" X 24" TILE	T109 6" X 48" TILE	P101, P104 T109 W102 PAINT TILE WALL COVERING	C1 2' X 2' ARMSTRONG, SEPIA #PN91311 C3 GYP BOARD W/ PAINT P103
(101) SERVING AREA	S1 SILIKAL FLOORING S2 IN HIGH TRAFFIC AREAS	S1 AND S2 6" CONT. MIN (KITCHEN EQUIPMENT ON 6" NSF APPROVED LEGS)	T109 TILE	C3 GYP BOARD W/ SMOOTH WASHABLE PAINT
(102) DRIVE-THRU STATION	S1 SILIKAL FLOORING S2 IN HIGH TRAFFIC AREAS	S1 AND S2 6" CONT. MIN (KITCHEN EQUIPMENT ON 6" NSF APPROVED LEGS)	WP1 FRP PANEL	C2 2' X 4' SUSPENDED GRID WASHABLE VINYL COATED GYP BOARD PANELS
(103) KITCHEN	S1 SILIKAL FLOORING S2 IN HIGH TRAFFIC AREAS	S1 AND S2 6" CONT. MIN (KITCHEN EQUIPMENT ON 6" NSF APPROVED LEGS)	WP3 S.S. BEHIND COOK LINE WP1 FRP PANEL	C2 2' X 4' SUSPENDED GRID WASHABLE VINYL COATED GYP BOARD PANELS
(104) KITCHEN PREP.	S1 SILIKAL FLOORING S2 IN HIGH TRAFFIC AREAS	S1 AND S2 6" CONT. MIN (KITCHEN EQUIPMENT ON 6" NSF APPROVED LEGS)	WP1 FRP PANEL	C2 2' X 4' SUSPENDED GRID WASHABLE VINYL COATED GYP BOARD PANELS
(105) WALK-IN COOLER	S1 SILIKAL FLOORING S2 IN HIGH TRAFFIC AREAS	S.S. / ALUMINUM WITH 3/4" RADIUS	EXT S.S. INT ALUMINUM GALVANIZED S.S.	ALUMINUM GALVANIZED STAINLESS STEEL
(105A) WALK-IN FREEZER	GALVANIZED STAINLESS STEEL S2 SILIKAL UNDER WIF SUBFLOOR	S.S. / ALUMINUM WITH 3/4" RADIUS	EXT S.S. INT ALUMINUM GALVANIZED S.S.	ALUMINUM GALVANIZED STAINLESS STEEL
(106) MEN'S ROOM	T200 24" X 24" TILE	SCHLUTER	T108 TILE	C3 GYB BOARD W/ P101 SMOOTH WASHABLE PAINT
(107) WOMEN'S ROOM	T200 24" X 24" TILE	SCHLUTER	T108 TILE	C3 GYB BOARD W/ P101 SMOOTH WASHABLE PAINT
(108) VESTIBULE	T200 24" X 24" TILE	T109 6" X 48" TILE	P104 PAINT GYB BOARD T109 TILE	C3 GYB BOARD W/ P101 SMOOTH WASHABLE PAINT
(109) STORAGE ROOM	T200 24" X 24" TILE	T109 6" X 48" TILE	WP1 FRP PANEL	C3 GYB BOARD W/ P101 SMOOTH WASHABLE PAINT
(110) BACK ROOM	SEALED CONCRETE, SMOOTH FINISH	-	EPOXY PAINT, COLOR TO MATCH P9As	OPEN P9As (TRUSSES AND ROOF DECK)
(111) UTILITY ROOM	SEALED CONCRETE SMOOTH FINISH	EXISTING	EXISTING	OPEN

DOOR & HARDWARE SCHEDULE

INSTALLED AND FURNISHED BY: G.C. UNLESS NOTED OTHERWISE

CONTRACTOR TO PURCHASE DOORS FRAME HARDWARE & FRAME DIRECTLY FROM PANDA'S NATIONAL ACCOUNT SUPPLIER. SUPPLIER TO PROVIDE ALL STOREFRONT DOOR HARDWARE, P-LAM DOORS & FRAME AND HM DOOR & FRAME									HARDWARE		HINGE		STOP		ACCESSORIES		REMARKS						
<p>CONTACT FOR QUOTING, ORDERING & LOGISTICS JERRY JACOBS, PROJECT MANAGER 800-887-4307 EXT. 220 PHONE jerry@locknet.com, panda@locknet.com</p> <p>CONTACT FOR GENERAL ACCOUNT NEEDS ANGIE HAINES, ACCOUNT MANAGER 800-887-4307 EXT. 145 PHONE / 859-509-4031 MOBILE Angieh@locknet.com, panda@locknet.com</p> <p>ADDITIONAL CONTACTS: THOMAS DOWNS, SALES MANAGER; ThomasD@locknet.com; 800-887-4307 x116 ROB OWEN, DIR. BUSINESS DEVELOPMENT; RobO@locknet.com; 606-748-2065</p>									PASSAGE														
									LOCKSET														
									PRIVACY														
									S.F. PULL														
									PANIC														
									BUTT														
									CONT. PANAO														
									FLOOR														
									WALL														
									THRESHOLD														
									LATCH GUARD														
									DETENT ALARM														
									SILENCERS														
									KICKPLATES														
									CLOSER														
NO.	DOOR MATERIAL	SIZE	FRAME	FACE/EDGE	THK.	CORE	LITE	RATE															
(D1)	ALUMINUM STOREFRONT	3'-0" X 7'-0"	EXT.	CLEAR ANODIZE TO MATCH EXISTING	-	-	-	-	●	●	●	●	●	●	●	●	●						
(D2)	ALUMINUM STOREFRONT	EXISTING	EXT.	EXISTING TO REMAIN	-	-	-	-	●	●	●	●	●	●	●	●	●	PROVIDE PULL ON EXTERIOR SIDE					
(D3)	S.C. WOOD	3'-0" X 7'-0"	H. MTL	PLASTIC LAMINATE PRE-FINISHED	1 3/4"	SOLID	-	-	●	●	●	●	●	●	●	●	●	KICKPLATE ON EACH SIDE OF DOOR					
(D4)	S.C. WOOD	3'-0" X 7'-0"	H. MTL	PLASTIC LAMINATE PRE-FINISHED	1 3/4"	SOLID	-	-	●	●	●	●	●	●	●	●	●						
(D5)	HOLLOW METAL	3'-6" X 7'-0"	H. MTL	PAINTED	1 3/4"	INSUL.	-	-	●	●	●	●	●	●	●	●	●	KICKPLATE ON INT. SIDE OF DOOR					
(D5A)	HOLLOW METAL	6'-0" X 7'-0"	H. MTL	PAINT DOOR AND FRAME	1 3/4"	INSUL.	-	-	●	●	●	●	●	●	●	●	●	KICKPLATE ON INT. SIDE OF DOOR					
(D5B)	EXISTING HOLLOW METAL	EXISTING	EXT.	PAINT DOOR AND FRAME					●	●	●	●	●	●	●	●	●						

WALL SCHEDULE

INSTALLED AND FURNISHED BY: G.C. UNLESS NOTED OTHERWISE

NO	DESCRIPTION
(W1)	3-5/8" 20GA. METAL STUD WALL W/ 1/2" TYPE "X" GYP. BOARD BOTH SIDES (SEE ARCHITECTURAL DETAILS & ELEVATIONS)
(W2)	3-5/8" 20GA. METAL STUD WALL W/ 1/2" TYPE "X" GYP. BOARD ON ONE SIDE (SEE ARCHITECTURAL DETAILS & ELEVATIONS)
(W3)	NEW 6" WOOD FRAMING FLUSH AND ALIGNED WITH EXISTING, NEW EXTERIOR SHEATHING, AND R-20 BATT INSULATION AND 1/2" TYPE "X" GYP BOARD ON INTERIOR
(W4)	3-5/8" 20GA. METAL STUD LOW WALL W/ 1/2" TYPE "X" GYP. BD BOTH SIDES. PROVIDE 3 1/2" KNEE-WALL BRACE/POST @ CORNERS AND @ 48" O.C.
(W5)	6" 20GA. METAL STUD WALL W/ 1/2" TYPE "X" GYP. BOARD OVER 1/2" STRUCTURAL SHEATHING ON BOTH SIDES (SEE ARCHITECTURAL DETAILS & ELEVATIONS), WOOD STUD 2X6 AT SIM. CONDITION.
(W6)	6" 20GA. METAL STUD WALL W/ 1/2" TYPE "X" GYP. BOARD ONE SIDE (SEE ARCHITECTURAL DETAILS & ELEVATIONS) OVER EXISTING WALL FRAMING
(W7)	2 1/2" 20GA METAL STUD WITH 2 LAYERS OF GYP. BD. ON HOOD SIDE. EXISTING WOOD FRAMED WALL RECEIVES 1 LAYER OF 1/2" TYPE X GYP. BD. BEFORE METAL STUD WALL.
(W8)	EXISTING FRAMING; INSTALL NEW R-20 BATT INSULATION AND NEW 1/2" GYP. BOARD; AT SIM INSTALL R-20 BATT ONLY

WALL PANEL SCHEDULE

INSTALLED AND FURNISHED BY: G.C. UNLESS NOTED OTHERWISE

NO	MANUFACTURER	DESCRIPTION	MFG #	COLOR FINISH	REMARK
(WP1)	CRANE COMPOSITES INC.	F.R.P. THICKNESS: .075	LBCS 14	#636 (GRAY), SM/SM	CONTACT: LINDA RUSE 310.857.9036
(WP2)	-	S.S. PANEL (22 GA)	-	BRUSHED FINISH	FURNISHED BY PX, INSTALLED BY G.C.
(WP3)	-	S.S. PANEL (22 GA)	-	DIAMOND PATTERN FINISH	FURNISHED BY PX, INSTALLED BY G.C.
(WP4)	NOT USED				
(WP6)	NOT USED				
(W10)	NOT USED				
(W102)	WOLF GORDON	PRINT WALLCOVERING	-	-	CONTACT: CATHY DY 310.770.1165 cathy.dy@wolfgordon.com
(W103)	WOLF GORDON	CLOUD WALLCOVERING	-	-	CONTACT: CATHY DY 310.770.1165 cathy.dy@wolfgordon.com

SPECIAL SURFACE SCHEDULE

INSTALLED AND FURNISHED BY: G.C. UNLESS NOTED OTHERWISE

NO	MANUFACTURER	PRODUCT	MFG #	STAIN / COLOR	FINISH	REMARK
(OZ-5)	NOT USED					
(OZ-9)	NOT USED					
(OZ-7)	CORIAN	ARTIFICIAL QUARTZ	-	LONDON SKY	POLISHED	SERVICE COUNTER & DRINK STATION PROVIDED BY PX, INSTALLED BY G.C.

INTERIOR PAINT SCHEDULE

INSTALLED AND FURNISHED BY: G.C. UNLESS NOTED OTHERWISE

NO	MANUFACTURER	MFG #	COLOR	FINISH	REMARK
(P8A6)	SHERWIN-WILLIAMS	SW 7065	ARGOS	PROMAR 200, ZERO VOC, LATEX SEMI-GLOSS	REAR SERVICE DOOR
(P8B)	NOT USED				
(P101)	SHERWIN-WILLIAMS	SW 6252	ICE CUBE	PROMAR 200, ZERO VOC, LATEX EGG-SHELL	RESTROOM & RESTROOM VESTIBULE CEILING, SERVICE LINE SOFFIT
(P102)	NOT USED				
(P103)	SHERWIN-WILLIAMS	SW 7032	WARM STONE	PROMAR 200, ZERO VOC, LATEX EGG-SHELL	DROPPED SOFFITS
(P104)	SHERWIN-WILLIAMS	SW 6155	RICE GRAIN	PROMAR 200, ZERO VOC, LATEX EGG-SHELL	DINING RM. WALLS, RESTROOM VESTIBULE WALLS
(P105)	NOT USED				
(P106)	SHERWIN-WILLIAMS	SW 7020	BLACK FOX	DTM ACRYLIC GLOSS, LOW VOC	RESTROOM DOOR FRAMES & LCD NICHE (BACK WALL)
(P205)	SHERWIN-WILLIAMS	SW 7675	SEALSKIN	PROMAR 200, ZERO VOC, LATEX EGG-SHELL	FRONT & BACK & UNDERSIDE FACES OF SERVICE COUNTER SOFFIT

