1.02 PROCEDURES A DELIVERY ADDRESS: DELIVER SUBMITTALS TO OWNER AT ADDRESS LISTED ON INVITATION TO BID. TRANSMITTAL FORM AND IDENTIFICATION TRANSMIT EACH ITEM USING OWNER-ACCEPTED TRANSMITTAL FORM. IDENTIFY PROJECT, CONTRACTOR, SUBCONTRACTOR, MAJOR SUPPLIER: IDENTIFY PERTINENT DRAWING SHEET AND DETAIL NUMBER, AND SPECIFICATION SECTION NUMBER, AS APPROPRIATE. IDENTIFY DEVIATIONS FROM CONTRACT DOCUMENTS. PROVIDE SPACE FOR CONTRACTOR AND OWNER/ARCHITECT REVIEW STAMPS. COMPLY WITH PROGRESS SCHEDULE FOR SUBMITTALS RELATED TO WORK PROGRESS. COORDINATE SUBMITTAL OF RELATED ITEMS. CONTRACTOR REVIEW SUBMITTALS PRIOR TO TRANSMITTAL; DETERMINE AND VERIFY FIELD MEASUREMENTS, FIELD CONSTRUCTION CRITERIA, MANUFACTURER'S CATALOG NUMBERS, AND CONFORMANCE OF SUBMITTAL WITH REQUIREMENTS OF CONTRACT DOCUMENTS. SUBMITTAL INFORMATION DEVIATING FROM REQUIREMENTS OF CONTRACT DOCUMENTS SHALL BE CLEARLY COORDINATION COORDINATION SUBMITTALS WITH REQUIREMENTS OF WORK AND OF CONTRACT DOCUMENTS. APPLY STAMP AND SIGN OR INITIAL EACH SHEET OF SHOP DRAWINGS AND PRODUCT DATA, AND EACH SAMPLE LABEL TO CERTIFY COMPLIANCE WITH REQUIREMENTS OF CONTRACT DOCUMENTS. NOTIFY OWNER IN WRITING AT TIME OF SUBMITTAL, OF DEVIATIONS FROM REQUIREMENTS. OWNER WILL REVIEW SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES AND RETURN SUBMITTALS WITHIN 10 DAYS. ACCEPTANCE AND FABRICATION: DO NOT FABRICATED PRODUCTS OR BEGIN WORK WHICH REQUIRES SUBMITTALS UNTIL RETURN OF SUBMITTAL WITH OWNER'S ACCEPTANCE. AFTER OWNER REVIEW OF SUBMITTAL, REVISE AND RESUBMIT AS REQUIRED, IDENTIFYING CHANGES MADE SINCE PREVIOUS SUBMITTAL. DISTRIBUTE COPIES OF REVIEWED SUBMITTALS TO CONCERNED PERSONS. INSTRUCT RECIPIENTS TO PROMPTLY REPORT ANY INABILITY TO COMPLY WITH PROVISIONS 1.03 CONSTRUCTION PROGRESS SCHEDULES ALONG WITH THE INVITATION TO BID, THE OWNER WILL SUBMIT TO CONTRACTOR COPIES OF HIS ANTICIPATED CONSTRUCTION NETWORK ANALYSIS SYSTEM USING THE CRITICAL PATH METHOD, GENERALLY AS OUTLINED IN ASSOCIATED GENERAL CONTRACTORS OF AMERICA (AGC) PUBLISHED "THE USE OF CPM IN CONSTRUCTION - A MANUAL FOR GENERAL CONTRACTORS" IS PREFERRED, BUT A HORIZONTAL BAR CHART WITH SEPARATE BAR FOR EACH MAJOR TRADE OR OPERATION, IDENTIFYING FIRST WORK DAY OF EACH WEEK SHOW COMPLETE SEQUENCE OF CONSTRUCTION BY ACTIMITY, IDENTIFYING WORK OF SEPARATE STAGES AND OTHER LOGICALLY GROUPED ACTIMITIES. PERCENTAGE OF COMPLETION SHOW PROJECTED PERCENTAGE OF COMPLETION FOR EACH ITEM OF WORK AS OF TIME OF EACH APPLICATION FOR PAYMENT. SHOW SUBMITTAL DATES REQUIRED FOR SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES, AND PRODUCT DELIVERY DATES, INCLUDING THOSE FURNISHED BY OWNER PROCRESS REPORTS THE CONTRACTOR SHALL, ON FRIDAY OF EACH WEEK, COMPLETE AND MAKE DISTRIBUTION OF A SYNOPSIS OF JOB PROGRESS BY TRADE CATEGORY WITH DISTRIBUTION AS DIRECTED BY OWNER. THE FORM SHALL BE COMPLETED BY THE CONTRACTOR'S JOB SUPERINTENDENT, COMPLETE WITH A "REMARKS" SPACE FOR WRITTEN COMMUNICATION OF MINOR JOB PROBLEMS AND REQUESTS WHICH CAN BE MADE UNDER FIELD CONDITIONS. G. COPIES REQUIRED: INITAL ISSUE SUBMIT THREE; WITHIN 10 DAYS AFTER DATE OF NOTICE TO PROCEED. AFTER REVIEW BY OWNER, REVISE AND RESUBMIT AS SUBMIT THREE: WITH EACH APPLICATION FOR PAYMENT, REFLECTING CHANGES SINCE PREVIOUS SUBMITTAL. 1.04 SCHEDULE OF VALUES UTILIZE THE FORM LISTED IN THE CONTRACT FOR CONSTRUCTION DOCUMENTS. TABLE OF CONTENTS OF THIS PROJECT MANUAL. IDENTIFY EACH LINE ITEM WITH NUMBER AND TITLE OF THE MAJOR PROJECT C. OVERHEAD AND PROFIT: INCLUDE IN EACH LINE ITEM A DIRECTLY PROPORTIONAL AMOUNT OF CONTRACTOR'S OVERHEAD AND PROFIT. CHANGE ORDERS REVISE SCHEDULE TO LIST CHANGE ORDERS, FOR EACH APPLICATION FOR PAYMENT. COPIES REQUIRED: SAME AS FOR PROGRESS SCHEDULES. PRESENT IN A CLEAR AND THOROUGH MANNER. TITLE EACH DRAWING WITH PROJECT NAME AND NUMBER; IDENTIFY EACH ELEMENT OF DRAWINGS BY REFERENCE TO SHEET NUMBER AND DETAIL, SCHEDULE, OR ROOM NUMBER OF CONTRACT DOCUMENTS. IDENTIFY FIELD DIMENSIONS; SHOW RELATION TO ADJACENT OR CRITICAL FEATURES OR WORK OR PRODUCTS. SUBJUT ONE REPRODUCIBLE TRANSPARENCY AND ONE OPAQUE COPY OF EACH SHEET. CONTRACTOR MAY ALSO EMAIL SHOP DRAWINGS IN AUTOCAD R-14 FORMAT IN ADDITION. CONTRACTOR MUST STILL SUBMIT HARD COPIES FOR FINAL APPROVAL. AFTER OWNER REVIEW AND ACCEPTANCE, REPRODUCE AND DISTRIBUTE IN ACCORD WITH "PROCEDURES" ABOVE. OWNER WILL MAKE AND RETAIN COPIES REQUIRED FOR HIS OWN USE. 1.06 PRODUCT DATA GENERAI SUBMIT ONLY PAGES WHICH ARE PERTINENT; MARK EACH COPY OF STANDARD PRINTED DATA TO IDENTIFY PERTINENT PRODUCTS, REFERENCED TO PROJECT MANUAL SECTION AND ARTICLE NUMBER. SHOW REFERENCES STANDARDS, PERFORMANCE CHARACTERISTICS, AND CAPACITIES; WIRING AND PIPING DIAGRAMS AND CONTROLS; COMPONENT PARTS; FINISHES; DIMENSIONS; AND REQUIRED CLEARANCES. MODIFY MANUFACTURER'S STANDARD SCHEMATIC DRAWINGS AND DIAGRAMS TO SUPPLEMENT STANDARD INFORMATION AND TO PROVIDE INFORMATION SPECIFICALLY APPLICABLE TO THE WORK. DELETE INFORMATION NOT APPLICABLE. SUBMIT NUMBER CONTRACTOR REQUIRES, PLUS TWO COPIES WHICH WILL BE RETAINED BY OWNER. 1.07 SAMPLES SUBMIT FULL RANGE OF MANUFACTURER'S STANDARD FINISHES EXCEPT WHEN MORE RESTRICTIVE REQUIREMENTS ARE SPECIFIED, INDICATING COLORS, TEXTURES, AND PATTERNS. SUBMIT SAMPLES TO ILLUSTRATE FUNCTIONAL CHARACTERISTICS OF PRODUCTS, INCLUDING PARTS AND ATTACHMENTS. B. IDENTIFICATION: LABEL EACH SAMPLE WITH IDENTIFICATION REQUIRED FOR TRANSMITTAL LETTER. NUMBER REQUIRED: THREE SETS OF SAMPLES, CHARTS, COLOR PLATES AND MANUFACTURER'S DATA SECTION 01410 TESTING LABORATORY SERVICES 1.01 REQUIREMENTS INCLUDED CONTRACTOR PROVIDED TESTING LABORATORY SERVICES. 1.02 RELATED REQUIREMENTS GENERAL CONDITIONS: INSPECTIONS, TESTING, AND APPROVALS REQUIRED BY PUBLIC AUTHORITIES. TESTING ADJUSTING AND BALANCING OF SYSTEMS CONTRACT CLOSEOUTS: RECORD DOCUMENTS. INDIMOUAL SPECIFICATIONS SECTIONS: INSPECTIONS AND TESTS REQUIRED AND STANDARDS FOR TESTING. A ANSI/ASTM D3740 - PRACTICE FOR EVALUATION OF AGENCIES ENGAGED IN TESTING AND/OR INSPECTION OF SOIL AND ROCK AS USED IN ENGINEERING DESIGN AND CONSTRUCTION. ANSI/ASTM E329 - STANDARD RECOMMENDED PRACTICE FOR INSPECTION AND TESTING AGENCIES FOR CONCRETE, STEEL AND BITUMINOUS MATERIALS AS USED IN CONSTRUCTION. 1.04 SECTION AND PAYMENT A. CONTRACTOR EMPLOY AND PAY FOR SERVICES OF AN OWNER-ACCEPTABLE INDEPENDENT TESTING LABORATORY TO PERFORM SPECIFIED INSPECTION AND TESTING. EMPLOYMENT OF TESTING LABORATORY IN NO WAY RELIEVES CONTRACTOR OF OBLIGATION TO PERFORM WORK IN ACCORD WITH REQUIREMENTS OF CONTRACT DOCUMENTS. 1.05 QUALITY ASSURANCE LABORATOR' EMPLOY LABORATORY AUTHORIZED TO OPERATE IN STATE IN WHICH PROJECT IS LOCATED AND WHICH MAINTAINS A FULL-TIME REGISTERED ENGINEER ON STAFF TO REVIEW SERVICES. TESTING EQUIPMENT SHALL BE CALIBRATED AT REASONABLE INTERVALS WITH DEVICES OF AN ACCURACY TRACEABLE TO EITHER NBS STANDARDS OR ACCEPTED VALUES OF NATURAL PHYSICAL CONSTANTS. 1.06 CONTRACTOR SUBMITTALS PRIOR TO START OF WORK, SUBJUIT TESTING LABORATORY NAME, ADDRESS, AND TELEPHONE NUMBER, AND NAMES OF FULL-TIME REGISTERED ENGINEER AND RESPONSIBLE OFFICER TO THE OWNER.

1.07 LABORATORY RESPONSIBILITIES

1.08 LABORATORY REPORTS

OF TEST RESULTS.

1.09 LIMITS OF TESTING LABORATORY AUTHORITY

TEST SAMPLES OF MIXES SUBMITTED BY CONTRACTOR.

PERFORM SPECIFIED INSPECTION, SAMPLING, AND TESTING OF PRODUCTS.

PERFORM ADDITIONAL INSPECTIONS AND TESTS REQUIRED BY OWNER.

ASCERTAIN COMPLIANCE OF MATERIALS AND MIXES WITH REQUIREMENTS OF CONTRACT DOCUMENTS.

ATTEND PRECONSTRUCTION CONFERENCES AND PROGRESS MEETINGS WHEN REQUESTED.

PROVIDE QUALIFIED PERSONNEL AT SITE AFTER DUE NOTICE; COOPERATE WITH OWNER AND CONTRACTOR IN PERFORMANCE OF

PROMPTLY NOTIFY OWNER AND CONTRACTOR OF OBSERVED IRREGULARITIES OR NON-CONFORMANCE OF WORK OR PRODUCTS.

AFTER EACH INSPECTION AND TEST, PROMPTLY SUBMIT TWO COPIES OF LABORATORY REPORT TO OWNER AND TO CONTRACTOR.

INCLUDE: DATE ISSUED, PROJECT TITLE AND NUMBER, NAME OF INSPECTOR, DATE AND TIME OF SAMPLING OR INSPECTION.

IDENTIFICATION OF PRODUCT AND SPECIFICATIONS SECTION, LOCATION IN THE PROJECT, TYPE OF INSPECTION OR TEST, DATE OF

LABORATORY MAY NOT RELEASE, REVOKE, ALTER, OR ENLARGE ON REQUIREMENTS OF CONTRACT DOCUMENTS, APPROVE OR ACCEPT

ANY PORTION OF THE WORK, ASSUME ANY DUTIES OF CONTRACTOR AND HAS NO AUTHORITY TO STOP WORK.

NOTIFY OWNER AND LABORATORY 24 HOURS PRIOR TO EXPECTED TIME FOR OPERATIONS REQUIRING INSPECTION AND TESTING PART 1 - GENERAL 1.01 WATCHMAN SERVICE CONTRACTOR MAY EMPLOY AND PAY FOR WATCHMAN, OR A WATCHMAN'S SERVICE, AS HE DEEMS NECESSARY TO PROTECT HIS OWN INTEREST, AND HE SHALL BE RESPONSIBLE FOR AND PAY FOR LOSSES OR DAMAGES TO THE OWNER'S MATERIALS OR OTHER PROPERTY AS A RESULT OF THEFT, MYSTERIOUS DISAPPEARANCES OR INTRUSIONS BY STRANGERS. TEMPORARY CONTROLS PROMDE BARRIERS TO PREVENT UNAUTHORIZED ENTRY TO CONSTRUCTION AREAS AND TO PROTECT EXISTING FACILITIES AND ADJACENT PROPERTIES FROM DAMAGE FROM CONSTRUCTION OPERATIONS AND DEMOLITION. SECTION 01500 TEMPORARY UTILITIES 1.01 SECTION INCLUDES A. TEMPORARY ELECTRICITY. HEATING, WATER, SANITARY FACILITIES & FIRE PROTECTION 1.02 TEMPORARY FLECTRICITY AND LIGHTING PROVIDE WIRING, FUSES, DISCONNECT SWITCHES, SAFETY DEVICES, JUNCTION BOXES, PANEL BOXES, GROUND FAULT PROTECTIONS, AND TRANSFORMER IF REQUIRED, IN CONNECTING WITH USE OF TEMPORARY ELECTRICAL SERVICE FOR LIGHTING AND POWER DURING CONSTRUCTION. ALL ITEMS AND INSTALLATIONS ARE TO CONFORM TO THE REQUIREMENTS OF THE NATIONAL ELECTRIC CODE, AND "OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970". OBSERVATIONS BY THE ARCHITECT/OWNER, HIS AGENTS, OR ANY RECOGNIZED AGENCY INDICATING FAILURE TO COMPLY WITH CODE REQUIREMENTS SHALL BE CAUSE FOR IMMEDIATE SUSPENSION OF JOB SITE OPERATIONS BY THE CONTRACTOR UNTIL THE SYSTEM IS IN FULL COMPLIANCE. NO EXTENSION TO THE CONTRACT TIME SHALL BE ALLOWED FOR SUCH SUSPENSION OF JOB SITE OPERATIONS. 1.03 TEMPORARY HEATING PROVIDE, PAY FOR AND MAINTAIN, ALL TEMPORARY HEATING FACILITIES REQUIRED DURING THE PROGRESS OF THE WORK TO PROTECT MATERIALS. FINISHED WORK AND EQUIPMENT AGAINST INJURY FROM DAMPNESS AND COLD. TEMPORARY HEAT SHALL BE REQUIRED WHEN THE OUTSIDE TEMPERATURE IS LOW ENOUGH TO DAMAGE OR AFFECT IN ANY WAY THE PERFORMANCE OR QUALITY OF ANY PRODUCT OR MATERIAL BEING STORED IN THE BUILDING, IN ANY TEMPORARY STORAGE AREA, OR ANY MATERIAL INCORPORATED INTO THE WORK. TEMPORARY HEAT SHALL ALSO BE REQUIRED WHEN THE OUTSIDE TEMPERATURE IS LOW ENOUGH TO SIGNIFICANTLY SLOW OR HAMPER THE EFFECTIVENESS OF WORKMEN ON THE JOB. USE OF PERMANENT HEATING SYSTEM: PERMANENT HEATING SYSTEM MAY BE USED FOR THIS PURPOSE AFTER COMPLETION, PROVIDED CONTRACTOR OBTAINS WRITTEN PERMISSION FROM OWNER, AND AGREES TO PAY ALL CHARGES FOR FUEL, ATTENDANCE, MAINTENANCE, REPAIR AND REPLACEMENT, IF NECESSARY, TO THE EQUIVALENT OF NEW CONDITIONS, INCLUDING REPLACEMENT OF FILTERS AND CLEANING OF GRILLES AND INSURANCE ENDORSEMENT WHERE PERMANENT HEATING SYSTEM IS USED FOR CONTRACTOR'S CONVENIENCE, AT HIS REQUEST AND SUBJECT TO OWNER'S ACCEPTANCE, BUILDER'S RISK INSURANCE POLICIES REQUIRED UNDER THE CONTRACT DOCUMENTS SHALL BE ENDORSED TO PERMIT SAID OPERATION OF SUCH PERMANENT EQUIPMENT (OTHER THAN FOR TESTING PURPOSES) AT SUCH TIME AND UNDER SUCH CONDITIONS AS THE OWNER SHALL ACCEPT. A. PROVIDE TEMPORARY STORAGE TANKS, PIPING, VALVES, FITTINGS, HOSE AND HOSE CONNECTIONS AS REQUIRED FOR USE OF WATER DURING CONSTRUCTION AND TESTING. 1.05 TEMPORARY SANITARY FACILITIES A. FURNISH, INSTALL AND MAINTAIN AMPLE SANITARY FACILITIES FOR USE OF WORKMEN OF ALL TRADES ENGAGED IN WORK UNDER CONTRACT. TEMPORARY TOILETS SHALL BE CONSTRUCTED AT TIME WORK IS COMMENCED AND SHALL BE SUBJECT TO APPLICABLE CITY ORDINANCES, HEALTH DEPARTMENT REQUIREMENTS AND RULES AND REGULATIONS OF GOVERNING AUTHORITIES BY CODE OR 1.06 TEMPORARY FIRE PROTECTION A. OBSERVE AND ENFORCE COMPLIANCE BY ALL TRADES ENGAGED IN WORK UNDER THE CONTRACT WITH REQUIREMENTS OF CITY, COUNTY, STATE, FEDERAL AND INSURANCE UNDERWRITER'S REGULATIONS TO MINIMIZE FIRE HAZARDS INCIDENTAL TO THE WORK PROVIDE OPERABLE FIRE EXTINGUISHING DEVICES IN WELL-MARKED, ACCESSIBLE LOCATIONS DISTRIBUTED THROUGHOUT THE PROJECT IN COMPLIANCE WITH GOVERNING CODES AND ORDINANCES. 1.07 ARRANGEMENT AND PAYMENT CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS AND SHALL PAY FOR WATER, ELECTRIC POWER, GAS, AND SEWAGE SERVICE DURING THE CONSTRUCTION OF THE BUILDING AS MAY BE REQUIRED FOR USE OF HIS OWN FORCES AND THOSE OF HIS SUBCONTRACTORS, AND AS REQUIRED BY THEM UNTIL ACCEPTANCE OF THE WORK BY THE OWNER. SECTION 01530 PROJECT IDENTIFICATION AND SIGNS 1.01 PROJECT SIGN FRAME WITHIN SEVEN DAYS OF DATE OF NOTICE TO PROCEED, FURNISH AND ERECT ONE (1) PROJECT IDENTIFICATION SIGNS, IN A LOCATION DIRECTED BY THE OWNER: SIGN SHALL CONSIST OF 4X4 INCH POSTS SUPPORTING A 4'-0" HIGH BY 8'-0" WIDE SHEET OF 3/4 INCH THICK EXTERIOR A/C PLYWCOD. LOCATE POST 1'-0" FROM ENDS OF PLYWOOD; 6'-0" CENTERS. BOTTOM OF PLYWOOD SHALL BE AT 4'-0" ABOVE GRADE FRAMEWORK SHALL RECEIVE A FABRIC SIGN TO BE FURNISHED BY OWNER AND INSTALLED BY GENERAL CONTRACTOR. INSTALLATION OF SIGN WILL BE BY WRAP AND STAPLE METHOD; LONG STAPLES, CLOSELY SPACED ON BACK SIDE. 1.02 CONTRACTOR SIGNS AND ADVERTISING CONTRACTOR AND PRINCIPAL SUBCONTRACTORS MAY HAVE COMPANY SIGNS ON FIELD OFFICE, AT CONTRACTOR'S EXPENSE, IF SO DESIRED. NO OTHER FREE-STANDING SIGNS OR ADVERTISING OF ANY KIND OTHER THAN "WARNING" SIGNS AND NOTICES REQUIRED BY LAW, WILL BE PERMITTED ON THE SITE OR ABOUT THE PREMISES. SECTION 01540 FIELD OFFICES AND SHEDS PART 1 - GENERAL 1.01 TEMPORARY FIELD OFFICE CONTRACTOR ERECT AND MAINTAIN TEMPORARY JOB OFFICE IN SAFE AND SANITARY CONDITION. INCLUDE INSTALLATION AND PAYMENT FOR TELEPHONE SERVICE AN ANSWERING MACHINE, AND A FAX MACHINE AS NECESSARY FOR CONDUCT OF WORK. FOUID TELEPHONE WITH OUTSIDE BELL OR OTHER DEVICE THAT CAN BE HEARD FROM LOCATIONS ON SITE REMOTE FROM JOB OFFICE. CONTRACTOR PROVIDE, AS REQUIRED, AT LOCATIONS ON PREMISES, WATERTIGHT STORAGE SHEDS FOR STORAGE OF MATERIALS, EQUIPMENT AND TOOLS WHICH MIGHT BE DAMAGED BY EXPOSURE TO WEATHER. PROVIDE SHEDS OF SUFFICIENT SIZE AND CAPACITY TO HOLD DAWAGEABLE MATERIALS WHICH MAY BE ON SITE AT ONE TIME. FLOORS SHALL BE RAISED AT LEAST 6 INCHES ABOVE THE GROUND. MAINTAIN SHEDS IN GOOD CONDITION AND RELOCATE FROM TIME TO TIME AS NECESSARY. REMOVE SHEDS WHEN NO CONTRACTOR SHALL PROVIDE AND INSTALL OWNERS TRAILER. PROVIDE 100 AMP HOOKUP. CONTRACTOR SHALL REMOVE ALL TRAILERS FROM THE SITE FOLLOWING TURNOVER OF BUILDING. LEAVE OWNER'S TRAILER IN PLACE until a certificate of occupancy has been issued. SECTION 01700 CONTRACT CLOSEOUT PART 1 - GENERAL 1.01 REQUIREMENTS ALL THE OPERATIONS AND/OR DOCUMENTS DESCRIBED IN THIS SECTION SHALL BE COMPLETED AND/OR DELIVERED TO THE OWNER PRIOR TO ACCEPTANCE OF THE WORK AND FINAL PAYMENT. 1.02 CLEANING EACH CONTRACTOR OR SUBCONTRACTOR SHALL REMOVE AND DISPOSE OF ALL TOOLS, EQUIPMENT, SURPLUS MATERIAL AND RUBBISH PERTAINING TO HIS WORK, AND COOPERATE IN FINAL CLEANING BY GENERAL CONTRACTOR. FINAL CLEANING: THOROUGHLY CLEAN THE ENTIRE PROJECT UPON COMPLETION OF THE WORK, INCLUDING BUT NOT NECESSARILY LIMITED TO: POWER SWEEPING THE PARKING LOT, CLEANING CONSTRUCTION DEBRIS FROM ADJACENT EXTERIOR AREAS, POLISHING ALL METALS, CLEANING ALL PLUMBING FIXTURES AND ACCESSORIES, CLEANING ALL STAINLESS STEEL FIXTURES AND EQUIPMENT, REMOVING ALL LABELS AND LAYOUT MARKS, CLEANING ALL WINDOWS AND MIRRORS, CLEANING ALL FLOORS, AND IN GENERAL, REMOVING ALL EMDENCE OF THE CONSTRUCTION PROCESS, TO LEAVE THE ENTIRE PREMISES IN CLEAN, NEW OPERATING CONDITION. EQUIPMENT AND SYSTEMS: THE ATTENTION OF THE CONTRACTOR IS DIRECTED TO THE FACT THAT SCALE, METAL SHAVING, OIL, PIPE DOPE AND EVERY IMPURITY ill tend to accumulate at restricted points and impede flow. Every precaution shall therefore be observed in the assembly of the systems to remove and exclude foreign matter and upon completion of erection, a thorough CLEANING PROGRAM SHALL BE OBSERVED. THE CLEANING OPERATION SHALL BE ACCOMPLISHED AFTER ALL PARTS OF THE SYSTEMS ARE IN PLACE BUT BEFORE ANY ARE INSULATED OR FURRED IN. REMOVE ALL LABELS, DIRT, PAINT, GREASE AND STAINS FROM ALL EXPOSED DEVISES, EQUIPMENT AND FIXTURES INSTALLED UNDER THIS CONTRACT. CLEAN AND POLISH ALL EQUIPMENT UPON COMPLETION OF THE WORK TO PRESENT A FIRST CLASS JOB SUITABLE FOR OCCUPANCY, 1.03 PROJECT DOCUMENTS REFER TO CONSTRUCTION CONTRACT WHICH SHALL SPELL OUT DOCUMENTS TO BE COMPLETED AND PROVIDED TO THE OWNER UPON 1.04 OPERATING AND MAINTENANCE DATA: COMPLETE MECHANICAL EQUIPMENT OPERATING MANUALS AND INSTRUCTIONS, SPECIFICATION DATA, DIAGRAMS AND CHARTS AS SPECIFIED IN DIVISION 15. INCLUDE THE NAME, ADDRESS AND 24 HOUR TELEPHONE NUMBER OF SERVICE REPRESENTATIVES FOR HE PLUMBING, HVAC, AND ELECTRICAL SYSTEMS. INCLUDE DIAGRAMS AND WIRING DIAGRAMS OF CONTRACTOR—FURNISHED. EQUIPMENT. ALL DOCUMENTS IN DUPLICATE, NEATLY INDEXED IN THREE RING, LOOSE LEAF BINDERS. EACH SEPARATE SYSTEM WITH ITS VARIOUS COMPONENTS SHALL BE OPERATED BY THIS CONTRACTOR OR HIS CONTRACTORS FOR A RESPONSIBLE LENGTH OF TIME TO DEMONSTRATE THE PERFORMANCE OF ALL EQUIPMENT AND PIPING IN ACCORDANCE WITH THE true intent and purpose of the plans and specifications. All necessary adjustments shall be made to the SATISFACTION OF THE OWNER. TEST, RESULTS OF TESTS, AND CONFORMANCE WITH CONTRACT DOCUMENTS. WHEN REQUESTED BY OWNER, PROVIDE INTERPRETATION

DELINER TO LABORATORY AT DESIGNATED LOCATION ADEQUATE SAMPLES OF MATERIALS PROPOSED TO BE USED WHICH REQUIRE

PROVIDE INCIDENTAL LABOR AND FACILITIES TO PROVIDE ACCESS TO WORK TO BE TESTED, TO OBTAIN AND HANDLE SAMPLES AT THE

SITE OR AT SOURCE OF PRODUCTS TO BE TESTED TO FACILITATE TESTS AND INSPECTIONS, AND FOR STORAGE AND CURING OF TEST

TESTING, TOGETHER WITH PROPOSED MIX DESIGNS.

COOPERATE WITH LABORATORY PERSONNEL, AND PROVIDE ACCESS TO WORK.

1.06 GUARANTEES AND WARRANTIES CERTAIN CERTIFICATES OF WARRANTIES AND GUARANTEES SHALL BE REQUIRED. THESE GUARANTEES AND WARRANTIES, ALONG WITH DULY EXECUTED INSTRUMENTS PROPERLY ASSIGNING SAID GUARANTEES AND WARRANTIES SHALL BE FORWARDED TO THE OWNER, BOUND IN A SINGLE VOLUME, GROUPED BY TRADE AND PROPERLY INDEXED. THESE ITEMS SHALL BE FORWARDED PRIOR TO REQUEST FOR FINAL PAYMENT. CONTRACTOR IS DIRECTED TO EXAMINE ALL TECHNICAL SECTIONS OF THE SPECIFICATIONS FOR THE REQUIRED DOCUMENTS. THE FOLLOWING LIST IS INCLUDED FOR THE CONTRACTOR'S CONVENIENCE AND DOES NOT NECESSARILY INCLUDE ALL REQUIRED DOCUMENTS: 1. GENERAL CONTRACTOR'S WRITTEN GUARANTEE STATING THAT THE WORK IN ITS ENTIRETY IS GUARANTEED FOR A PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION AGAINST ALL DEFECTS IN MATERIALS AND WORKMANSHIP. ROOFING INSTALLER'S WRITTEN CUARANTEE TO THE CONTRACTOR STATING THAT ALL WORK PERFORMED UNDER SAID SUBCONTRACT IS GUARANTEED FOR A PERIOD OF FIFTEEN (15) YEARS, NON-PRORATED, (BY THE DUROLAST CO.) AGAINST ALL DEFECTS IN MATERIALS AND/OR WORKMANSHIP. WRITTEN TERMITE GUARANTEE STATING THAT SOIL POISONING TREATMENT IS GUARANTEED FOR A PERIOD OF FME (5) YEARS, AND THAT SAID TREATMENT IS RENEWABLE ON A YEAR TO YEAR BASIS BY CONTRACT WITH THE OWNER. MANUFACTURER'S WARRANTIES ON NEW AIR CONDITIONING UNITS AND ANY OTHER MANUFACTURER'S EQUIPMENT WARRANTIES, ALL DULY TRANSFERRED TO THE OWNER. 5. ALL CERTIFICATES SUCH AS ANSUL SYSTEMS, FIRE PROTECTION, CERTIFICATES OF OCCUPANCY, ET....TO BE FILED WITH THE OWNER'S INSURANCE COMPANY. 1.07 OPENING DAY CONTRACTOR PERSONNEL OWNER SHALL NOTIFY CONTRACTOR IN WRITING OF HIS SCHEDULED "OPENING DAY" FOR BUSINESS. CONTRACTOR SHALL ARRANGE FOR HIS JOB SUPERINTENDENT, AND THE MECHANICAL SUPERINTENDENTS BE PRESENT FOR AN ORIENTATION OF THE SYSTEMS PER THE PRECONSTRUCTION MEETING DOCUMENTS AS WELL AS FOR ASSISTANCE TO THE OWNER ON THE SITE, FROM 9:00 A.M. THRU 4:00 P.M. ON THAT DAY. IN ADDITION TO THE ABOVE, THE CONTRACTOR SHALL ARRANGE FOR THE PLUMBING, ELECTRICAL AND SUCH OTHER SUBCONTRACTOR'S JOB SUPERINTENDENTS TO BE ON CALL TO THE PROJECT DURING THOSE SAME HOURS, AS COORDINATED WITH THE OWNER.SECTION 01720 PROJECT RECORD DOCUMENTS 1.01 DESCRIPTION A. RELATED DRAWINGS, PRODUCT DATA AND SAMPLES 1.02 MAINTENANCE OF DOCUMENTS MAINTAIN ONE COPY OF: CONTRACT DRAWINGS PROJECT MANUAL addenda APPROVED SHOP DRAWINGS SUPPLEMENTAL INSTRUCTIONS CHANGE ORDERS OTHER MODIFICATIONS OF CONTRACT FIELD TEST RECORDS CORRESPONDENCE FILE STORE DOCUMENTS IN APPROVED LOCATIONS, APART FROM DOCUMENTS USED FOR CONSTRUCTION. MAINTAIN DOCUMENTS IN CLEAN, DRY, LEGIBLE CONDITION. DO NOT USE RECORD DOCUMENTS FOR CONSTRUCTION PURPOSES. MAKE DOCUMENTS AVAILABLE AT ALL TIMES FOR INSPECTION BY ARCHITECT/ENGINEER AND OWNER. A. PROVIDE FELT MARKING PEN FOR MARKING. MAKE NOTATION IN "RED". LABEL EACH DOCUMENT "PROJECT RECORD" IN 2 INCH HIGH PRINTED LETTERS. KEEP RECORD DOCUMENTS CURRENT. DO NOT PERMANENTLY CONCEAL ANY WORK UNTIL REQUIRED INFORMATION HAS BEEN RECORDED. CONTRACT DRAWINGS LEGIBLY MARK TO RECORD ACTUAL CONSTRUCTION: FACTORY AND FIELD SEAMS IN MEMBRANE, DIMENSIONALLY LOCATED. FIELD CHANGES OF DIMENSION AND DETAIL CHANGES MADE BY SUPPLEMENTAL INSTRUCTION OR CHANGE ORDER. DETAILS NOT ON ORIGINAL CONTRACT DRAWINGS. PROJECT MANUAL AND ADDENDA LEGIBLY MARK-UP EACH SECTION TO RECORD: o. MANUFACTURER, TRADE NAME, CATALOG NUMBER AND SUPPLIER OF EACH PRODUCT AND ITEM OF EQUIPMENT ACTUALLY INSTALLED. CHANGES MADE BY SUPPLEMENTAL INSTRUCTION OF CHANGE ORDER. OTHER MATTERS NOT ORIGINALLY SPECIFIED. SHOP DRAWINGS: MAINTAIN AS RECORD DOCUMENTS. LEGIBLY MARK-UP APPROVED SHOP DRAWINGS TO SHOW Changes Made After Review. AT COMPLETION OF PROJECT, DELIVER RECORD DOCUMENTS TO OWNER. ACCOMPANY SUBMITTAL WITH TRANSMITTAL LETTER, IN DUPLICATE CONTAINING: PROJECT TITLE AND NUMBER. CONTRACTOR'S NAME AND ADDRESS. TITLE AND NUMBER OF EACH RECORD DOCUMENT. CERTIFICATE THAT EACH DOCUMENT AS SUBMITTED IS COMPLETE AND ACCURATE. SIGNATURE OF CONTRACTOR, OR HIS AUTHORIZED REPRESENTATIVE. GENERAL NOTES: 1. ALL WORK SHALL CONFORM TO ALL LOCAL, STATE & FEDERAL LAWS, RULES & REGULATIONS IN FORCE AT THE TIME OF CONSTRUCTION. ARCHITECTURAL WORK SHALL BE IN ACCORDANCE W/ THE MICHIGAN BUILDING CODE. ELECTRICAL WORK SHALL BE PREFORMED BY STATE OF MICHIGAN LICENSED ELECTRICIAN ACCORDING TO THE NATIONAL ELECTRICAL CODE AS MODIFIED BY THE STATE OF MICHIGAN, FURNISH AND INSTALL ALL MATERIALS AND LABOR TO PROVIDE A FULL WORKING ELECTRICAL SYSTEM. ALL PLUMBING WORK SHALL BE PERFORMED BY STATE OF MICHIGAN LICENSED PLUMBER ACCORDING TO MICHIGAN PLUMBING CODE AND LOCAL HEALTH DEPARTMENT, FURNISH AND INSTALL ALL MATERIALS AND LABOR TO PROVIDE A FILL WORKING PLUMBING SYSTEM. HEATING AND AIR CONDITIONING SHALL BE ACCORDING TO THE MICHIGAN MECHANICAL CODE AND THE MICHIGAN ENERGY CODE. ALL WORK SHALL CONFORM TO THE MICHIGAN HANDICAPPED ACCESSIBILITY CODE AND THE AMERICANS W/ DISABILITIES ACT. DIMENSIONS TAKE PRECEDENCE OVER SCALE. CONTRACTOR TO VERIFY ALL DIMENSIONS IN THE FIELD. IF ANY ERRORS, OMISSIONS OR DISCREPANCIES BECOME APPARENT, THESE ITEMS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE CONSTRUCTION OF ANYTHING AFFECTED SO THAT CLARIFICATION OR REDESIGN MAY OCCUR. GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR THE FINAL CLEAN-UP OF THE PROJECT. 10. The general contractor and sub-contractor shall not order equipment or fabricate building components without first FIELD VERIFYING ALL DIMENSIONS. 11. THE GENERAL CONTRACTOR SHALL SUPPLY THE OWNER AND ARCHITECT WITH CUT SHEETS AND SHOP DRAWINGS PRIOR TO ITEMS BEING ORDERED AND WORK STARTED. 12. THE CONTRACTOR SHALL OBTAIN ALL PERMITS.

Restaurant , Michigan Ž King /ood, urger Kentw BRA DESIGNED BY STEVE LACLUYSE REVIEWED BY: DRAWN BY MATT SCHUSTER MAY 2, 2011 JOB NUMBER: 2010-5068 NONE X-1710-G301

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