GENERAL CONSTRUCTION NOTES
PART 1 - GENERAL NOTES
1.1 ALL WORK SHALL CONFORM WITH THE APPLICABLE BUILDING CODES, REGULATIONS, OCCUPANCY PERMITS AND ORDINANCES. THE WORK. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, FEES, INSPECTIONS AND APPROVALS BY LOCAL AUTHORITIES HAVING JURISDICTION OVER THE PROJECT. VERIFY WITH ARCHITECTS. IN THE EVENT OF A CONFLICT BETWEEN THE CONSTRUCTION DOCUMENTS AND AN APPLICABLE CODE, CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONSTRUCTION MANAGER AND THE ARCHITECT FOR DIRECTION AND RESOLUTION. FAILURE TO NOTIFY EITHER OF THESE PARTIES PRIOR TO COMMENCEMENT OF THE WORK, SHALL MAKE THE CONTRACTOR RESPONSIBLE FOR ANY CORRECTIVE MEASURES NEEDED TO BRING THE PROBLEM INTO PROPER CONFORMANCE, WITHOUT ADDITIONAL COSTS OR CHARGES TO THE CONSTRUCTION MANAGER OR THE ARCHITECT. PROVIDE COPIES OF ALL TRANSACTIONS TO CONSTRUCTION MANAGER.
1.2 CONTRACTOR SHALL PROVIDE & MAINTAIN A REDLINED AS-BUILT CONSTRUCTION DOCUMENT SET AT THE SITE.
1.3 THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR, AND HAVE CONTROL OVER, ALL CONSTRUCTION MEANS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS IF THE WORK REQUIRED BY THE CONTRACT DOCUMENTS.
1.4 NO EQUIPMENT, MATERIALS, OR VEHICLES ARE TO BE STORED OR PARKED ON AREAS NOT WITHIN THE AREAS INDICATED AS BEING DEMOLISHED ON THE DRAWINGS. IF AREAS ARE DISTURBED OR DAMAGED, THE CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT AT CONTRACTORS EXPENSE.
1.5 CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SAFETY OF CONSTRUCTION PERSONNEL AND AUTHORIZED VISITORS.
1.6 SCOPE OF WORK OF ALL TRADES IS TO INCLUDE ALL MATERIALS AND LABOR AS REQUIRED TO TOTALLY COMPLETE THE PROJECT FROM INTERFACE WITH EXISTING CONSTRUCTION THROUGH CONFIGURATION AS INDICATED ON THE CONSTRUCTION DOCUMENTS. ALL WORK SHALL BE COMPLETE AND FUNCTIONAL, CONSISTENT WITH THE DESIGN INTENT AS EXPRESSED IN THESE DOCUMENTS, WHETHER SPECIFICALLY ADDRESSED IN THESE DOCUMENTS OR NOT. ANY QUESTIONS CONCERNING THE COMPLETENESS OF THE WORK SHALL BE ADDRESSED TO THE CONSTRUCTION MANAGER.
1.7 ALL WORK SHALL BE PERFORMED BY THE GENERAL CONTRACTOR UNLESS OTHERWISE NOTED. ALL REFERENCES TO THE "CONTRACTOR" INCLUDE THE GENERAL CONTRACTOR AND HIS SUBCONTRACTORS.
1.8 THE GENERAL CONTRACTOR SHALL SEE THAT ALL SUBCONTRACTORS RECEIVE COMPLETE SETS OF CONSTRUCTION DOCUMENTS COORDINATION OF THEIR WORK AND DESCRIPTION OF SCOPE. THE GENERAL CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR COORDINATION OF THE WORK WHEN COMPLETE SETS ARE NOT MADE AVAILABLE TO SUBCONTRACTORS.
1.9 THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACTS AND OMISSIONS OF THE CONTRACTOR'S EMPLOYEES, SUBCONTRACTORS AND THEIR AGENTS AND EMPLOYEES, AND ANY OTHER PERSONS PERFORMING ANY OF THE WORK UNDER A CONTRACT WITH THE CONTRACTOR.
1.10 CONTRACTOR SHALL NOT MAKE, CAUSED TO BE MADE, OR PERMIT A SUBCONTRACTOR TO MAKE ANY CHANGE TO WHAT IS SPECIFIED ON THE PLAN WITHOUT SPECIFIC AUTHORIZATION OF THE CONSTRUCTION MANAGER.
1.11 THE ARCHITECT IS NOT RESPONSIBLE FOR ERRORS, OMISSIONS OR DELAYS BY THE CONTRACTOR.
1.12 CONTRACTOR SHALL COORDINATE SCHEDULING, PROVISIONS FOR INSTALLATION, LOCATIONS AND THE ACTUAL INSTALLATION OF ITEMS FURNISHED BY CONSTRUCTION MANAGER OR BY OTHERS.
1.13 OTHER CONTRACTORS AND THEIR SUBCONTRACTORS MAY BE WORKING ON THE PREMISES SIMULTANEOUS WITH THE DURATION OF THE CONTRACT. NO ACTION SHALL BE TAKEN ON THE PART OF THIS CONTRACTOR ON THE PREMISES, UNION OR NON-UNION.
1.14 COOPERATE WITH ALL TRADES ON THE PROJECT NOT UNDER CONTRACT TO THE GENERAL CONTRACTOR (I.E. TELEPHONE, COMPUTER INSTALLERS, ETC.). ANY CHANGES OR DELAYS ARISING FROM CONFLICTS BETWEEN SUCH TRADES SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
1.15 DO NOT SCALE DRAWINGS, FOLLOW WRITTEN DIMENSIONS OR KEYED NOTES ONLY. CONTACT ARCHITECT IMMEDIATELY FOR CLARIFICATION IF REQUIRED. VERIFY DIMENSIONS IN THE FIELD. LARGE SCALE DETAILS GOVERN OVER SMALL SCALE DETAILS.
1.16 ALL WALL DIMENSIONS ARE AS FOLLOWS UNLESS NOTED OTHERWISE:
A. FINISHED FACE OF PARTITION / WALL.
B. CENTER LINE OF WALL EQUALS CENTER LINE OF MULLION.
C. TO TOP OF FINISH SLAB AT FLOORS.
D. TO BOTTOM OF FINISH AT CEILINGS
1.17 "MINIMUM" OR "MIN." AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION IS SLIGHTLY ADJUSTABLE BUT MAY NOT VARY TO A DIMENSION OR QUANTITY LESS THEN THAT SHOWN WITHOUT THE APPROVAL OF ARCHITECT. "MAXIMUM" OR "MAX." AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION IS SLIGHTLY ADJUSTABLE BUT MAY NOT VARY TO A DIMENSION OR QUANTITY GREATER THAN THAT SHOWN WITHOUT THE APPROVAL OF ARCHITECT.
1.18 "TYPICAL" OR "TYP." AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION OR DIMENSION IS THE SAME OR REPRESENTATIVE FOR SIMILAR CONDITIONS THROUGHOUT.
1.19 "MATCH EXIST." AS USED IN THE DOCUMENTS SHALL MEAN THAT THE CONDITION OR MATERIAL IS TO SEAMLESSLY MATCH THE SURROUNDING OR PRESCRIBE MATERIAL IN STYLE, PROFILE, COLOR, TEXTURE AND, WHERE POSSIBLE.
1.20 "ALIGN" AS USED IN THESE DOCUMENTS SHALL MEAN TO ACCURATELY LOCATE AND FINISH FACES IN THE SAME PLANE, AND/OR TO INSTALL NEW CONSTRUCTION ADJACENT TO EXISTING CONSTRUCTION WITHOUT ANY VISIBLE JOINTS OR SURFACE IRREGULARITIES.
1.21 ANY DISCREPANCIES AS TO LOCATION BETWEEN THE ARCHITECTURAL AND ENGINEERING DRAWINGS OR BETWEEN THE DRAWINGS AND EXISTING FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATIONS. WORK INSTALLED IN CONFLICT WITH THE CONTRACT DOCUMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE AND SHALL NOT IMPACT THE SCHEDULE.
1.22 "CLEAR" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE DIMENSION IS NOT ADJUSTABLE WITHOUT THE APPROVAL OF THE ARCHITECT. CLEAR DIMENSIONS SHALL BE ACCURATE TO FINISH WALL MATERIAL. CONTACT ARCHITECT PRIOR TO CONSTRUCTION IF FIELD CONDITIONS DO NOT ACCOMMODATE SAID DIMENSION.
1.23 THE GENERAL CONTRACTOR SHALL VERIFY SIZE, LOCATION AND CHARACTERISTICS OF ALL WORK AND EQUIPMENT SUPPLIED BY THE TENANT OR OTHERS, WITH THE MANUFACTURER OR SUPPLIER PRIOR TO THE START OF RELATED WORK.
1.24 INSTALL AND MAINTAIN ALL NECESSARY COVERINGS, PROTECTIVE ENCLOSURES, TEMPORARY DOORS AND PARTITIONS AND DUST BARRIERS TO PROTECT ALL OCCUPANTS AND REPLACE ANY DAMAGES CAUSED BY IMPROPER PROTECTION AT NO ADDITIONAL CHARGE TO TENANT.
1.25 WARRANT TO THE TENANT THAT ALL MATERIALS AND EQUIPMENT FURNISHED AND INSTALLED UNDER THIS CONTRACT SHALL BE NEW, UNLESS OTHERWISE FREE FROM FAULTS AND DEFECTS AND CONFORMS WITH THE CONTRACT DOCUMENTS.
1.26 CONTRACTOR SHALL FULLY ACQUAINT HIMSELF WITH THE CONDITIONS OF THE CONTRACT, LOCAL CONDITIONS RELATING TO LOCATION, ACCESSIBILITY AND GENERAL CHARACTER OF THE CONSTRUCTION SITE AND LOCAL LABOR CONDITIONS SO THAT HE UNDERSTANDS THE NATURE, EXTENT, DIFFICULTIES AND RESTRICTIONS RELATED TO THE EXECUTION OF THE WORK.
1.27 INVESTIGATE JOB SITE TO COMPARE CONTRACT DOCUMENTS AND EXISTING CONDITIONS. INCLUDE COST FOR ALL WORK DESCRIBED IN CONTRACT DOCUMENTS AND REQUIRED OR IMPLIED BY EXISTING CONDITIONS. NOTIFY ARCHITECT OF ANY CONFLICTS BETWEEN EXISTING CONDITIONS AND NEW WORK, OMISSIONS OR CONFLICTS IN THE DRAWINGS AND ANY RESTRICTIONS RELATED TO THE EXECUTION OF THE WORK.
1.28 PROCURE MATERIALS SO AS NOT TO DELAY SUBSTANTIAL COMPLETION. NOTIFY CONSTRUCTION MANAGER WITHIN 5 DAYS OF EXECUTION OF CONTRACT OF ANY MATERIAL DELIVERY WHICH WOULD DELAY COMPLETION OF CONTRACT.
1.29 CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR VERIFYING AND LOCATING ALL UNDERGROUND OR UNDERSLAB UTILITIES, ETC. PRIOR TO START OF CONSTRUCTION.
1.31 EXAMINE ALL SURFACES TO DETERMINE THAT THEY ARE SOUND, DRY, CLEAN AND READY TO RECEIVE FINISHES OR MILLWORK PRIOR TO INSTALLATION. START OF INSTALLATION SHALL IMPLY ACCEPTANCE OF SUBSTRATE AND SHALL NOT BE GROUNDS FOR CLAIMS IMPROPER PERFORMANCE OF INSTALLED MATERIALS. ADVISE ARCHITECT OF ANY EXISTING CONSTRUCTION NOT LEVEL, SMOOTH AND PLUMB WITHIN INDUSTRY STANDARDS PRIOR TO START OF CONSTRUCTION WHICH WILL BE DETRIMENTAL TO THE PROPER AND TIMELY EXECUTION OF THAT INSTALLERS WORK.
1.32 PERFORM ALL WORK AND INSTALL MATERIALS IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS AND IN A MANNER CONSISTENT WITH INDUSTRY STANDARDS OF WORKMANSHIP.
1.33 ACCESS PANELS SHALL BE INSTALLED FLUSH WITH THE PARTITION UNLESS NOTED OTHERWISE. PARTITION DEPTH SHALL BE ADJUSTED TO ACCOMMODATE DEPTH OF THE RECESSED ITEM. COORDINATE WITH THE ARCHITECT.
1.35 WORK DAMAGED DURING CONSTRUCTION OR NOT CONFORMING TO SPECIFIED STANDARDS, TOLERANCE OR MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION SHALL BE REPLACED AT NO ADDITIONAL COST TO THE TENANT.
1.36 OBTAIN THE CONSTRUCTION MANAGER'S WRITTEN AUTHORIZATION BEFORE ANY WORK IS PERFORMED OR MATERIAL ORDERED WHICH INVOLVES EXTRA COST OVER AND ABOVE CONTRACT PRICE.

PART 2 - EXISTING CONDITIONS NOTES
2.1 PROTECT FINISH MATERIALS AND EXISTING EQUIPMENT IN OR ADJACENT TO AREAS OF WORK. REPAIR OR REPLACE FINISHES AND EQUIPMENT DAMAGED DURING CONSTRUCTION.
2.2 WHERE WALLS, CEILINGS OR FLOORS ARE PATCHED, EXTENDED OR REPAIRED, MATCH EXISTING MATERIAL, SIZE, PATTERN, TEXTURE & COLOR UNLESS INDICATED OTHERWISE.
2.3 PROTECT ALL EXISTING CONDITIONS TO REMAIN. ALL CONSTRUCTION/CONDITION WHICH IS DAMAGED DUE TO DEMOLITION OR OTHERWISE IN NEED OF REPAIR SHALL BE PATCHED TO MATCH ADJACENT CONSTRUCTION.
2.4 IF NECESSARY TO ACHIEVE HOMOGENEOUS FINISH, REFINISH/REPLACE FINISH MATERIALS TO FIRST NATURAL EDGE OR CORNER. CONTRACTOR SHALL TAKE PRECAUTIONS TO MAINTAIN & PROTECT EXISTING SYSTEMS AND FINISHES WHICH ARE TO REMAIN. ANY DAMAGES TO SUCH SYSTEMS & FINISHES SHALL BE IMMEDIATELY REPAIRED IN A MANNER ACCEPTABLE TO THE CONSTRUCTION MANAGER. IF SATISFACTORY REPAIRS CANNOT BE MADE, CONTRACTOR SHALL REPLACE SYSTEMS AND FINISHES WITH LIKE NEW QUALITY CONSTRUCTION ACCEPTABLE TO THE CONSTRUCTION MANAGER. ALL REPAIRS AND REPLACEMENT COSTS SHALL BE THE FINANCIAL RESPONSIBILITY OF THE CONTRACTOR. WHERE WALLS, EQUIPMENT OR OTHER COMPONENTS ARE REMOVED, PATCH AND REPAIR REMAINING SURFACES TO MATCH ADJACENT.
2.5 THE GENERAL CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL WORK WITH THE CONSTRUCTION MANAGER AND THE BASE BUILDING OWNER. THE WORK OF ALL TRADES AND VENDORS IS TO BE COORDINATED BY THE GENERAL CONTRACTOR.
2.6 THE OWNER WILL MAINTAIN DAILY OPERATIONS OF THE FACILITY DURING CONSTRUCTION. THE CONTRACTOR WILL COORDINATE WORK AFFECTING DAILY OPERATIONS W/CONSTRUCTION MANAGER. AT NO TIME IS THE CONTRACTOR'S ACTIVITY TO PREVENT DAILY OPERATIONS OF FACILITY.
2.7 CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO MINIMIZE DISRUPTION OF EXISTING BUILDING FUNCTIONS DURING CONSTRUCTION. ANY MAJOR DISRUPTIVE WORK SHOULD BE DONE AFTER BUSINESS HOURS. COORDINATE WITH BUILDING OWNER AND CONSTRUCTION MANAGER. DISRUPTIONS INCLUDE BUT ARE NOT LIMITED TO EXCESSIVE NOISE.
2.8 ALL EXISTING LIFE-SAFETY SYSTEMS (ALARMS, EMERGENCY LIGHTING, FIRE PROTECTION, ETC.) SHALL REMAIN IN OPERATION TO THE MAXIMUM EXTENT POSSIBLE. ALL FIRE PROTECTION SYSTEMS SHALL BE OPERATIONAL DURING ALL NON-CONSTRUCTION TIMES. MAINTAIN ALL EXITS, EXIT LIGHTING, FIRE PROTECTIVE DEVICES AND LIFE SAFETY SYSTEMS IN WORKING ORDER.

SECTION 01100 - SUMMARY
PART 1 - GENERAL
1.1 WORK COVERED BY CONTRACT DOCUMENTS
A. THE WORK CONSISTS OF THE FOLLOWING:
1. THE WORK INCLUDES DEMOLITION AND REMODELING OF A LEASED FACILITY (THE PROJECT SITE). THE CONTRACTOR SHALL PERFORM ALL WORK REQUIRED FOR COMPLETION OF THE PROJECT.
1.2 WORK UNDER OTHER CONTRACTS
A. GENERAL: COOPERATE FULLY WITH SEPARATE CONTRACTORS SO WORK ON THOSE CONTRACTS MAY BE CARRIED OUT SMOOTHLY, WITHOUT INTERFERING WITH OR DELAYING WORK UNDER THIS CONTRACT. COORDINATE THE WORK OF THIS CONTRACT WITH WORK PERFORMED UNDER SEPARATE CONTRACTS.
1.3 USE OF PREMISES
A. GENERAL: CONTRACTOR SHALL HAVE FULL USE OF PREMISES FOR CONSTRUCTION OPERATIONS, INCLUDING USE OF PROJECT SITE, DURING CONSTRUCTION PERIOD. CONTRACTOR'S USE OF PREMISES IS LIMITED ONLY BY OWNER'S RIGHT TO PERFORM WORK OR TO RETAIN OTHER CONTRACTORS ON PORTIONS OF PROJECT.
1.4 OWNER'S OCCUPANCY REQUIREMENTS
A. OWNER OCCUPANCY OF COMPLETED AREAS OF CONSTRUCTION: OWNER RESERVES THE RIGHT TO OCCUPY AND TO PLACE AND INSTALL EQUIPMENT IN COMPLETED AREAS OF BUILDING, BEFORE SUBSTANTIAL COMPLETION, PROVIDED SUCH OCCUPANCY DOES NOT INTERFERE WITH COMPLETION OF THE WORK. SUCH PLACEMENT OF EQUIPMENT AND PARTIAL OCCUPANCY SHALL NOT CONSTITUTE ACCEPTANCE OF THE TOTAL WORK.

SECTION 01500 - TEMPORARY FACILITIES AND CONTROLS
PART 1 - GENERAL
1.1 SUMMARY
A. THIS SECTION INCLUDES REQUIREMENTS FOR TEMPORARY UTILITIES, SUPPORT FACILITIES, AND SECURITY AND PROTECTION FACILITIES.
1.2 USE CHARGES
A. GENERAL: COST OR USE CHARGES FOR TEMPORARY FACILITIES SHALL BE INCLUDED IN THE CONTRACT SUM. ALLOW OTHER ENTITIES TO USE TEMPORARY SERVICES AND FACILITIES WITHOUT COST, INCLUDING, BUT NOT LIMITED TO, OWNER'S CONSTRUCTION FORCES, ARCHITECT, OCCUPANTS OF PROJECT, TESTING AGENCIES, AND AUTHORITIES HAVING JURISDICTION.
B. WATER SERVICE: WATER FROM OWNER'S EXISTING WATER SYSTEM IS AVAILABLE FOR USE WITHOUT METERING AND WITHOUT PAYMENT OF USE CHARGES. PROVIDE CONNECTIONS AND EXTENSIONS OF SERVICES AS REQUIRED FOR CONSTRUCTION OPERATIONS.
C. ELECTRIC POWER SERVICE: ELECTRIC POWER FROM OWNER'S EXISTING SYSTEM IS AVAILABLE FOR USE WITHOUT METERING AND WITHOUT PAYMENT OF USE CHARGES. PROVIDE CONNECTIONS AND EXTENSIONS OF SERVICES AS REQUIRED FOR CONSTRUCTION OPERATIONS.
1.3 QUALITY ASSURANCE
A. ELECTRIC SERVICE: COMPLY WITH NECA, NEMA AND UL STANDARDS AND REGULATIONS FOR TEMPORARY ELECTRIC SERVICE. INSTALL SERVICE TO COMPLY WITH NFPA 70.
B. TESTS AND INSPECTIONS: ARRANGE FOR AUTHORITIES HAVING JURISDICTION TO TEST AND INSPECT EACH TEMPORARY UTILITY BEFORE USE. OBTAIN REQUIRED CERTIFICATIONS AND PERMITS.
1.4 PROJECT CONDITIONS
A. TEMPORARY USE OF PERMANENT FACILITIES: INSTALLER OF EACH PERMANENT SERVICE SHALL ASSUME RESPONSIBILITY FOR OPERATION, MAINTENANCE, AND PROTECTION OF EACH PERMANENT SERVICE DURING ITS USE AS A CONSTRUCTION FACILITY BEFORE OWNER'S ACCEPTANCE, REGARDLESS OF PREVIOUSLY ASSIGNED RESPONSIBILITIES.

PART 2 - PRODUCTS
2.1 EQUIPMENT
A. FIRE EXTINGUISHERS: PORTABLE, UL RATED; WITH CLASS AND EXTINGUISHING AGENT AS REQUIRED BY LOCATIONS AND CLASS OF FIRE EXPOSURES.
B. HEATING EQUIPMENT: UNLESS OWNER AUTHORIZES USE OF PERMANENT HEATING SYSTEM, PROVIDE VENTED, SELF-CONTAINED, LIQUID-PROPANE-GAS OR FUEL-OIL HEATERS WITH INDIVIDUAL SPACE THERMOSTATIC CONTROL.
1. USE OF GASOLINE-BURNING SPACE HEATERS, OPEN-FLAME HEATERS, OR SALAMANDER-TYPE HEATING UNITS IS PROHIBITED.
2. HEATING UNITS: LISTED AND LABELED FOR TYPE OF FUEL BEING CONSUMED, BY A TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION, AND MARKED FOR INTENDED USE.
PART 3 - EXECUTION
3.1 INSTALLATION, GENERAL
A. LOCATE FACILITIES WHERE THEY WILL SERVE PROJECT ADEQUATELY AND RESULT IN MINIMUM INTERFERENCE WITH PERFORMANCE OF THE WORK. RELOCATE AND MODIFY FACILITIES AS REQUIRED BY PROGRESS OF THE WORK.
B. PROVIDE EACH FACILITY READY FOR USE WHEN NEEDED TO AVOID DELAY. DO NOT REMOVE UNTIL FACILITIES ARE NO LONGER NEEDED OR ARE REPLACED BY AUTHORIZED USE OF COMPLETED PERMANENT FACILITIES.
3.2 SECURITY AND PROTECTION FACILITIES INSTALLATION
A. ENVIRONMENTAL PROTECTION: PROVIDE PROTECTION, OPERATE TEMPORARY FACILITIES, AND CONDUCT CONSTRUCTION IN WAYS AND BY METHODS THAT COMPLY WITH ENVIRONMENTAL REGULATIONS AND THAT MINIMIZE POSSIBLE AIR, WATERWAY, AND SUBSOIL CONTAMINATION OR POLLUTION OR OTHER UNDESIRABLE EFFECTS.
B. SECURITY ENCLOSURE AND LOCKUP: INSTALL SUBSTANTIAL TEMPORARY ENCLOSURE AROUND PARTIALLY COMPLETED AREAS OF CONSTRUCTION. PROVIDE LOCKABLE ENTRANCES TO PREVENT UNAUTHORIZED ENTRANCE, VANDALISM, THEFT, AND SIMILAR VIOLATIONS OF SECURITY.
C. BARRICADES, WARNING SIGNS, AND LIGHTS: COMPLY WITH REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION FOR ERECTING STRUCTURALLY ADEQUATE BARRICADES, INCLUDING WARNING SIGNS AND LIGHTING.
D. TEMPORARY ENCLOSURES: PROVIDE TEMPORARY ENCLOSURES FOR PROTECTION OF CONSTRUCTION, IN PROGRESS AND COMPLETED, FROM EXPOSURE, FOUL WEATHER, OTHER CONSTRUCTION OPERATIONS, AND SIMILAR ACTIVITIES. PROVIDE TEMPORARY WEATHERTIGHT ENCLOSURE FOR BUILDING EXTERIOR.
E. TEMPORARY FIRE PROTECTION: INSTALL AND MAINTAIN TEMPORARY FIRE-PROTECTION FACILITIES OF TYPES NEEDED TO PROTECT AGAINST REASONABLY PREDICTABLE AND CONTROLLABLE FIRE LOSSES. COMPLY WITH NFPA 241.
1. PROHIBIT SMOKING IN CONSTRUCTION AREAS.
3.3 OPERATION, TERMINATION, AND REMOVAL
A. SUPERVISION: ENFORCE STRICT DISCIPLINE IN USE OF TEMPORARY FACILITIES. TO MINIMIZE WASTE AND ABUSE, LIMIT AVAILABILITY OF TEMPORARY FACILITIES TO ESSENTIAL AND INTENDED USES.
B. MAINTENANCE: MAINTAIN FACILITIES IN GOOD OPERATING CONDITION UNTIL REMOVAL.
1. MAINTAIN OPERATION OF TEMPORARY ENCLOSURES, HEATING, COOLING, HUMIDITY CONTROL, VENTILATION, AND SIMILAR FACILITIES ON A 24-HOUR BASIS WHERE REQUIRED TO ACHIEVE INDICATED RESULTS AND TO AVOID POSSIBILITY OF DAMAGE.
C. TEMPORARY FACILITY CHANGEOVER: DO NOT CHANGE OVER FROM USING TEMPORARY SECURITY AND PROTECTION FACILITIES TO PERMANENT FACILITIES UNTIL SUBSTANTIAL COMPLETION.
D. TERMINATION AND REMOVAL: REMOVE EACH TEMPORARY FACILITY WHEN NEED FOR ITS SERVICE HAS ENDED, WHEN IT HAS BEEN REPLACED BY AUTHORIZED USE OF A PERMANENT FACILITY, OR NO LATER THAN SUBSTANTIAL COMPLETION. COMPLETE OR, IF NECESSARY, RESTORE PERMANENT CONSTRUCTION THAT MAY HAVE BEEN DELAYED BECAUSE OF INTERFERENCE WITH TEMPORARY FACILITY. REPAIR DAMAGED WORK, CLEAN EXPOSED SURFACES, AND REPLACE CONSTRUCTION THAT CANNOT BE SATISFACTORILY REPAIRED.
1. MATERIALS AND FACILITIES THAT CONSTITUTE TEMPORARY FACILITIES ARE PROPERTY OF CONTRACTOR. OWNER RESERVES RIGHT TO TAKE POSSESSION OF PROJECT IDENTIFICATION SIGNS.
2. AT SUBSTANTIAL COMPLETION, CLEAN AND RENOVATE PERMANENT FACILITIES USED DURING CONSTRUCTION PERIOD.

SECTION 01600 - PRODUCT REQUIREMENTS
PART 1 - GENERAL
1.1 SUMMARY
A. THIS SECTION INCLUDES ADMINISTRATIVE AND PROCEDURAL REQUIREMENTS FOR SELECTION OF PRODUCTS FOR USE IN PROJECT; PRODUCT DELIVERY, STORAGE, AND HANDLING; MANUFACTURERS' STANDARD WARRANTIES ON PRODUCTS; SPECIAL WARRANTIES; PRODUCT SUBSTITUTIONS; AND COMPARABLE PRODUCTS.
1.2 DEFINITIONS
A. PRODUCTS: ITEMS PURCHASED FOR INCORPORATING INTO THE WORK, WHETHER PURCHASED FOR PROJECT OR TAKEN FROM PREVIOUSLY PURCHASED STOCK. THE TERM "PRODUCT" INCLUDES THE TERMS "MATERIAL," "EQUIPMENT," "SYSTEM," AND TERMS OF SIMILAR INTENT.
1. NAMED PRODUCTS: ITEMS IDENTIFIED BY MANUFACTURER'S PRODUCT NAME, INCLUDING MAKE OR MODEL NUMBER OR OTHER DESIGNATION SHOWN OR LISTED IN MANUFACTURER'S PUBLISHED PRODUCT LITERATURE, THAT IS CURRENT AS OF DATE OF THE CONTRACT DOCUMENTS.
2. COMPARABLE PRODUCT: PRODUCT THAT IS DEMONSTRATED AND APPROVED THROUGH SUBMITTAL PROCESS, OR WHERE INDICATED AS A PRODUCT SUBSTITUTION, TO HAVE THE INDICATED QUALITIES RELATED TO TYPE, FUNCTION, DIMENSION, IN-SERVICE PERFORMANCE, PHYSICAL PROPERTIES, APPEARANCE, AND OTHER CHARACTERISTICS THAT EQUAL OR EXCEED THOSE OF SPECIFIED PRODUCT.
B. SUBSTITUTIONS: CHANGES IN PRODUCTS, MATERIALS, EQUIPMENT, AND METHODS OF CONSTRUCTION FROM THOSE REQUIRED BY THE CONTRACT DOCUMENTS AND PROPOSED BY CONTRACTOR.
1.3 SUBMITTALS
A. SUBSTITUTION REQUESTS: SUBMIT THREE COPIES OF EACH REQUEST FOR CONSIDERATION. IDENTIFY PRODUCT OR FABRICATION OR INSTALLATION METHOD TO BE REPLACED. INCLUDE SPECIFICATION SECTION NUMBER AND TITLE AND DRAWING NUMBERS AND TITLES.
B. COMPARABLE PRODUCT REQUESTS: SUBMIT THREE COPIES OF EACH REQUEST FOR CONSIDERATION. IDENTIFY PRODUCT OR FABRICATION OR INSTALLATION METHOD TO BE REPLACED. INCLUDE SPECIFICATION SECTION NUMBER AND TITLE AND DRAWING NUMBERS AND TITLES.
1.4 QUALITY ASSURANCE
A. COMPATIBILITY OPTIONS: IF CONTRACTOR IS OPTION OF SELECTING BETWEEN TWO OR MORE PRODUCTS FOR USE ON PROJECT, PRODUCT SELECTED SHALL BE COMPATIBLE WITH PRODUCTS PREVIOUSLY SELECTED, EVEN IF PREVIOUSLY SELECTED PRODUCTS WERE ALSO OPTIONS.
1.5 PRODUCT DELIVERY, STORAGE, AND HANDLING
A. DELIVER, STORE, AND HANDLE PRODUCTS USING MEANS AND METHODS THAT WILL PREVENT DAMAGE, DETERIORATION, AND LOSS, INCLUDING THEFT. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.
B. DELIVERY AND HANDLING:
1. SCHEDULE DELIVERY TO MINIMIZE LONG-TERM STORAGE AT PROJECT SITE AND TO PREVENT OVERCROWDING OF CONSTRUCTION SPACES.
2. COORDINATE DELIVERY WITH INSTALLATION TIME TO ENSURE MINIMUM HOLDING TIME FOR ITEMS THAT ARE FLAMMABLE, HAZARDOUS, EASILY DAMAGED, OR SENSITIVE TO DETERIORATION, THEFT, AND OTHER LOSSES.
3. DELIVER PRODUCTS TO PROJECT SITE IN AN UNDAMAGED CONDITION IN MANUFACTURER'S ORIGINAL SEALED CONTAINER OR OTHER PACKAGING SYSTEM, COMPLETE WITH LABELS AND INSTRUCTIONS FOR HANDLING, STORING, UNPACKING, PROTECTING, AND INSTALLING.
4. INSPECT PRODUCTS ON DELIVERY TO ENSURE COMPLIANCE WITH THE CONTRACT DOCUMENTS AND TO ENSURE THAT PRODUCTS ARE UNDAMAGED AND PROPERLY PROTECTED.
C. STORAGE:
1. STORE PRODUCTS TO ALLOW FOR INSPECTION AND MEASUREMENT OF QUANTITY OR COUNTING OF UNITS.
2. STORE PRODUCTS THAT ARE SUBJECT TO DAMAGE BY THE ELEMENTS, UNDER COVER IN A WEATHERTIGHT ENCLOSURE ABOVE GROUND, WITH VENTILATION ADEQUATE TO PREVENT CONDENSATION.
3. STORE CEMENTITIOUS PRODUCTS AND MATERIALS ON ELEVATED PLATFORMS.
4. COMPLY WITH PRODUCT MANUFACTURER'S WRITTEN INSTRUCTIONS FOR TEMPERATURE, HUMIDITY, VENTILATION, AND WEATHER-PROTECTION REQUIREMENTS FOR STORAGE.
5. PROTECT STORED PRODUCTS FROM DAMAGE AND LIQUIDS FROM FREEZING.
1.6 PRODUCT WARRANTIES
A. WARRANTIES SPECIFIED IN OTHER SECTIONS SHALL BE IN ADDITION TO, AND RUN CONCURRENT WITH, OTHER WARRANTIES REQUIRED BY THE CONTRACT DOCUMENTS. MANUFACTURER'S DISCLAIMERS AND LIMITATIONS ON PRODUCT WARRANTIES DO NOT RELIEVE CONTRACTOR OF OBLIGATIONS UNDER REQUIREMENTS OF THE CONTRACT DOCUMENTS.

SECTION 01700 - EXECUTION REQUIREMENTS
PART 1 - GENERAL
1.1 SUMMARY
A. THIS SECTION INCLUDES GENERAL PROCEDURAL REQUIREMENTS GOVERNING EXECUTION OF THE WORK INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:
1. CONSTRUCTION LAYOUT.
2. GENERAL INSTALLATION OF PRODUCTS.
3. PROGRESS CLEANING.
4. PROTECTION OF INSTALLED CONSTRUCTION.
5. CORRECTION OF THE WORK.
PART 2 - EXECUTION
2.1 EXAMINATION
A. EXISTING CONDITIONS: THE EXISTENCE AND LOCATION OF SITE IMPROVEMENTS, UTILITIES, AND OTHER CONSTRUCTION
B. INDICATED AS EXISTING ARE NOT GUARANTEED. BEFORE BEGINNING WORK, INVESTIGATE AND VERIFY THE EXISTENCE AND LOCATION OF MECHANICAL AND ELECTRICAL SYSTEMS AND OTHER CONSTRUCTION AFFECTING THE WORK.
1. BEFORE CONSTRUCTION, VERIFY THE LOCATION AND POINTS OF CONNECTION OF UTILITY SERVICES.
2. FURNISH LOCATION DATA FOR WORK RELATED TO PROJECT THAT MUST BE PERFORMED BY PUBLIC UTILITIES SERVING PROJECT SITE.
C. ACCEPTANCE OF CONDITIONS: EXAMINE SUBSTRATES, AREAS, AND CONDITIONS, WITH INSTALLER OR APPLICATOR PRESENT WHERE INDICATED, FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES AND OTHER CONDITIONS AFFECTING PERFORMANCE. RECORD OBSERVATIONS.
1. VERIFY COMPATIBILITY WITH AND SUITABILITY OF SUBSTRATES, INCLUDING COMPATIBILITY WITH EXISTING FINISHES OR PRIMERS.
2. EXAMINE ROUGHING-IN FOR MECHANICAL AND ELECTRICAL SYSTEMS TO VERIFY ACTUAL LOCATIONS OF CONNECTIONS BEFORE EQUIPMENT AND FIXTURE INSTALLATION.
3. EXAMINE WALLS, FLOORS, AND ROOFS FOR SUITABLE CONDITIONS WHERE PRODUCTS AND SYSTEMS ARE TO BE INSTALLED.
4. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED. PROCEEDING WITH THE WORK INDICATES ACCEPTANCE OF SURFACES AND CONDITIONS.

2.2 PREPARATION
A. FIELD MEASUREMENTS: TAKE FIELD MEASUREMENTS AS REQUIRED TO FIT THE WORK PROPERLY. RECHECK MEASUREMENTS BEFORE INSTALLING EACH PRODUCT. WHERE PORTIONS OF THE WORK ARE INDICATED TO FIT TO OTHER CONSTRUCTION, VERIFY DIMENSIONS OF OTHER CONSTRUCTION BY FIELD MEASUREMENTS BEFORE FABRICATION. COORDINATE FABRICATION SCHEDULE WITH CONSTRUCTION PROGRESS TO AVOID DELAYING THE WORK.
B. SPACE REQUIREMENTS: VERIFY SPACE REQUIREMENTS AND DIMENSIONS OF ITEMS SHOWN DIAGRAMMATICALLY ON DRAWINGS.
C. REVIEW OF CONTRACT DOCUMENTS A