# COMPLETE THIS FORM WHEN DROPPING OFF ANY CORRESPONDENCE AND/OR PLANS TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS COUNTER:

Date: 3/25/22

To: Front Counter Incomplete
(Person's Name and Division)

No objections.
gb 4/6/22

From: Olaf Pedersen (Ramco) (301)-676-7477
(Your Name, Company Name and Telephone Number)

Subject: Project name Lincoln Tech Welding

Project site address 9325 Snowden River Pkwy, Columbia, MD

**Permit #** B22000830 **SDP #** _____

Other information pertinent to this project _____

✓ Please check the attachments below that you are submitting with this transmittal:

____ Letter of response to address plan review comment letter

____ Revised plans and/or revised details: When submitting for a complete **re-**review, **duplicate sets shall be submitted.**

____ Letter Summarizing Changes

____ Energy conservation calculations

✓ Copies of Full drawing set (be specific).

✓ Health Department Request ____ DPZ/ DED Request ____ Applicant's Request

____ Two sets of single family dwelling model plans to be placed on permanent file: Model name and/or #_____

____ Other _____

**Contact Person Information: (Required)**

Olaf Pedersen
**Please Print Name**

**Telephone No:** 301-676-7477

**E-Mail Address:** opedersen@ramcopermits

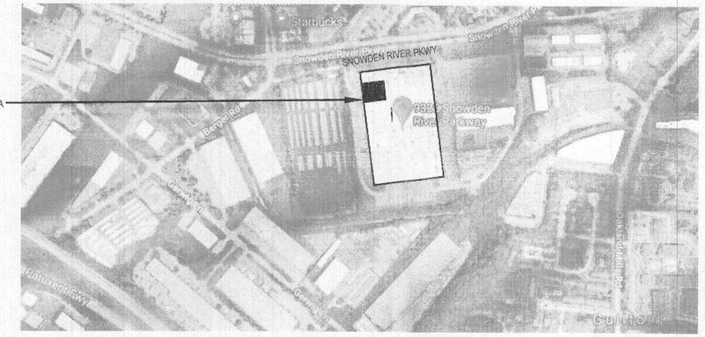
***PLEASE ASSURE ALL DOCUMENTS AND/OR REVISIONS ARE APPROPRIATELY SIGNED AND SEALED, IF NECESSARY, BY A LICENSED ARCHITECT OR ENGINEER. PLEASE BE ADVISED THAT INSUFFICIENT INFORMATION MAY RESULT IN THE DELAY OF REVIEW BY THE PLANS EXAMINER. THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS WILL CONTACT YOU IF THERE IS A PROBLEM. IN ADDITION, ONCE THE BUILDING PERMIT IS APPROVED BY THE PLAN REVIEW DIVISION AND ALL OTHER REQUIRED SIGNATORY AGENCIES, AND THE BUILDING PERMIT IS READY FOR ISSUANCE, THE PERMIT DIVISION WILL NOTIFY THE APPROPRIATE CONTACT PERSON FOR PERMIT PICK UP. ALL PERMIT STATUS INQUIRIES SHALL BE DIRECTED TO THE PERMIT DIVISION AT 410-313-2455. CODE RELATED QUESTIONS AND PLAN REVIEW INQUIRIES SHALL BE DIRECTED TO THE PLAN REVIEW DIVISION AT 410-313-2436. PLEASE ALLOW A MINIMUM OF FIVE (5) WORKING DAYS FOR ANY PLAN SUBMITTALS TO BE REVIEWED. THANK YOU.***

Received by _____

RECEIVED
MAR 24 2022
LICENSES & PERMITS DIVISION

White-Plan Review / Yellow-Applicant / Pink-Permit Division
t:\Operations\Updated forms\transmit.frm - Rev. 04/2014

# WELDING PROGRAM EXPANSION
# AT
# LINCOLN TECHNICAL INSTITUTE
# 9325 SNOWDEN RIVER PARKWAY
# COLUMBIA, MD 21046




AERIAL VIEW
NOT TO SCALE

## DRAWING LIST:

**COVER SHEET**

T-1 TITLE SHEET, BUILDING CODE & PROJECT INFORMATION, AND GENERAL NOTES

**SPECIFICATIONS**

SP-1 SPECIFICATIONS
SP-2 SPECIFICATIONS
SP-3 SPECIFICATIONS
SP-4 SPECIFICATIONS
SP-5 SPECIFICATIONS
~~SP-6 SPECIFICATIONS~~
~~SP-7 SPECIFICATIONS~~
~~SP-8 SPECIFICATIONS~~

**ARCHITECTURAL**

A-01 CONSTRUCTION FLOOR PLAN, LEGEND AND NOTES
A-02 EQUIPMENT LAYOUT, SCHEDULE AND NOTES
A-03 BOOTH DETAILS, LEGEND AND NOTES
A-04 PATIO PARTIAL SECTION AND ELEVATION

**MECHANICAL**

M-01 MECHANICAL FLOOR PLAN

**PLUMBING**

P-01 COMPRESSED AIR LAYOUT
P-02 WELDING GAS LAYOUT

**ELECTRICAL**

E-01 NOTES AND LEGEND
E-02 FLOOR PLAN, NEW WORK
E-03 FLOOR PLAN- LIGHTING
E-04 POWER RISER
E-05 PANEL SCHEDULES

## EXISTING BUILDING USE & AREA SUMMARY:

USE GROUP: B - EDUCATIONAL OCCUPANCIES FOR STUDENTS ABOVE THE 12TH GRADE
S1 - MODERATE-HAZARD STORAGE (MOTOR VEHICLE REPAIR GARAGES)

CONSTRUCTION TYPE: IIB (SECTION 602)

TABLE 503, ALLOWABLE HEIGHT & AREA OF BUILDING: --> TO REMAIN- NO CHANGE
4 STORIES ALLOWED (PER SECTION 504.2) - UNLIMITED AREA ALLOWED (PER SECTION 507)

EXISTING FLOOR AREA: ±84,213, SF --> TO REMAIN- NO CHANGE

WORK AREA: 3,100 SF

BUILDING HT: 25 FT ± (TWO STORY) --> NO CHANGE

TABLE 1015.1 MINIMUM NUMBER OF EXITS FOR OCC. LOAD
100 SF/OCC
1. - 31 PERSONS = 1 EXITS REQ'D --> COMPLIES
2. THIS WELDING SHOP IS EQUIPPED WITH 2 EXIT DOORS (SECTION 1019.1)
3. OCCUPANCY LOAD = 31 OCCUPANTS (3100 SF - 10OSF/PP; PER TABLE 1004.1.1)

EXISTING ZONING DATA:

EXISTING BUILDING HEIGHT, AREA & SETBACK TO REMAIN AS IS.
PROPOSED WORK IS INTERIOR RENOVATION, AND REQUIRED NO CHANGE TO EXISTING ZONING.

## PROJECT DESCRIPTION:

EXPANSION OF EXISTING WELDING PROGRAM LOCATED IN EXISTING BUILDING AS INDICATED ON THESE DESIGN DOCUMENTS.
THE BUILDING RENOVATIONS INCLUDES, BUT NOT LIMITED TO THE FOLLOWING:
1- NEW CMU WALLS
2- LIGHTING AND ELECTRICAL WORK
4- RE-CIRCULATING EXHAUST SYSTEM FOR WELDING STATIONS
5- PLUMBING DISTRIBUTION WORK

## PROJECT CONTACTS:

| TENANT: | ARCHITECT: |
|---|---|
| LINCOLN TECHNICAL INSTITUTE<br>9325 SNOWDEN RIVER PKWY,<br>COLUMBIA, MD 21046 | GARY MUSCIANO, RA, ARCHITECT<br>611 MAIN STREET<br>2ND FLOOR<br>BOONTON, NJ 07005<br>PROJECT CONTACT:<br>GARY MUSCIANO 973-538-3815 |

## REGULATORY REQUIREMENTS:

1. THE CONTRACTOR SHALL CONFORM TO ALL APPLICABLE LOCAL, COUNTY, STATE AND FEDERAL CODES, LAWS & REQUIREMENTS, MOST RECENTLY ADOPTED EDITIONS, INCLUDING, BUT NOT LIMITED TO:

**COLUMBIA, MD APPLICABLE BUILDING CODES:**

~~2018~~ INTERNATIONAL BUILDING CODE 2021
~~2018~~ INTERNATIONAL ENERGY CONSERVATION CODE 2021
~~2018~~ INTERNATIONAL MECHANICAL CODE 2021
~~2018~~ INTERNATIONAL PLUMBING CODE 2021
~~2018~~ NFPA 101 LIFE SAFETY CODE 2021
2020 NFPA 70 NATIONAL ELECTRICAL

PERMITS:
THE CONTRACTOR SHALL ARRANGE FOR, OBTAIN, AND PAY FOR ALL NECESSARY APPROVALS AND INSPECTIONS AND OBTAIN FINAL INSPECTION AND PERMIT "CLOSE-OUT".

LICENSES/INSURANCES:
SUBCONTRACTORS SHALL BE LICENSED, BONDED, INSURED, & CAPABLE OF PERFORMING QUALITY WORKMANSHIP.

APPROVALS:
THE CONTRACTOR SHALL ARRANGE FOR AND OBTAIN ALL INSPECTIONS, APPROVALS & CERTIFICATIONS OF OCCUPANCY.

CONTINUING OCCUPANCY:
1. CONTRACTORS ARE ALERTED TO THE FACT THAT OWNER WILL CONTINUE TO OCCUPY TH BUILDING DURING THIS CONTRACT, AND THAT THE FACILITY WILL REMAIN OPENED.

## GENERAL NOTES:

1. THE WORK COVERED BY THE DRAWINGS AND THE SPECIFICATIONS IS TO INCLUDE THE FURNISHING OF ALL MATERIALS, LABOR, EQUIPMENT, TOOLS, TAXES, TRANSPORTATION, UTILITIES, AND INCIDENTALS NECESSARY FOR THE COMPLETE INSTALLATION OF ALL SYSTEMS AS REQUIRED IN THE CONTRACT DOCUMENTS AND SPECIFIED HEREIN, UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL COMPLY WITH THE FEDERAL, STATE AND MUNICIPAL LAWS AND ORDINANCES.
3. DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY. MATERIAL OR EQUIPMENT NEED BE SHOWN ON ONLY ONE OR THE OTHER. EACH TRADE, SUPPLIER, OR SUBCONTRACTOR SHALL BE RESPONSIBLE TO EXAMINE THE ENTIRE SET OF DRAWINGS AND ALL SECTIONS OF THE SPECIFICATIONS TO DETERMINE WHAT MATERIALS, EQUIPMENT, ACCESSORIES, ETC. ARE NEEDED FOR A COMPLETE INSTALLATION.ALL INFORMATION FOR ALL TRADES CONTAINED WITH THE CONTRACT DOCUMENTS SHALL BE USED, TOGETHER AND IN CONCERT WITH ONE ANOTHER AS A WHOLE BODY OF INFORMATION FOR THE PROJECT. NO CONTRACTOR NOR SUBCONTRACTOR SHALL BE RELIEVED OF THE RESPONSIBILITY TO PROVIDE ALL ITEMS REQUIRED BY THE INFORMATION AND DESIGN INTENT INDICATED AND IMPLIED BY THE DOCUMENTS, REGARDLESS OF THE LOCATION OF THIS INFORMATION.
4. INDICATION OF SUBSTRATE AND CONFIGURATION OF CONCEALED ITEMS AND MATERIALS FOR GENERAL REFERENCE ONLY. THE CONTRACTOR SHALL NOT BE ENTITLED TO ADDITIONAL COMPENSATION FOR ANY VARIANCE BETWEEN ACTUAL EXISTING CONDITIONS AND THAT REFERENCED ON THE DRAWINGS.
5. ALL ITEMS LABELED 'EXISTING" ARE EXISTING "TO REMAIN" UNLESS OTHERWISE INDICATED AND NOT IN CONTRACT. ITEMS NOT LABELED "EXISTING" ARE TO BE PROVIDED BY CONTRACTOR.
6. THE TERM "PROVIDE" SHALL MEAN FURNISH AND INSTALL AS IT IS USED THROUGHOUT NOTES ON THE DRAWINGS AND IN THE SPECIFICATIONS.
7. CONTRACTOR TO FURNISH ALL MATERIALS, LABOR, SERVICES, ETC., TO COMPLETE WORK AS OUTLINED BY THESE CONTRACT DOCUMENTS.
8. ALL DIMENSIONS INDICATED ON THE DRAWINGS, OF EXISTING CONDITIONS, ARE APPROXIMATE AND SHALL BE VERIFIED TO THE CONTRACTOR'S SATISFACTION PRIOR TO SUBMITTING THEIR BID.
9. DETAILS AND SECTIONS ON THE DRAWINGS ARE SHOWN AT SPECIFIC LOCATIONS, AND INTENDED TO SHOW GENERAL REQUIREMENTS THROUGHOUT. DETAILS NOTED AS "TYPICAL" IMPLY ALL CONDITIONS ARE TO BE TREATED SIMILARLY.
10. WORK NOT INDICATED ON A PART OF THE DRAWING, BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
11. MINOR DETAILS OR INCIDENTAL ITEMS NOT USUALLY SHOWN OR SPECIFIED, BUT NECESSARY FOR A PROPER AND COMPLETE INSTALLATION OF ANY PART OF THE WORK, SHALL BE INCLUDED AS REQUIRED, AS IF THEY WERE INDICATED ON THE DRAWINGS.
12. THE CONTRACTOR SHALL VISIT THE SITE OF THE PROPOSED WORK, AND EXAMINE THE EXISTING CONDITIONS PRIOR TO BIDDING. THE CONTRACTOR SHALL COMPARE THE EXISTING CONDITIONS TO THE DESIGN INTENT OF THE CONTRACT DOCUMENTS AND SHALL NOTIFY THE ARCHITECT OF ALL DISCREPANCIES OR QUALIFICATIONS WHICH MAY ARISE BEFORE SUBMITTING A BID. FAILURE TO NOTIFY WILL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF PERFORMING THE WORK AS INTENDED BY THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL MAKE ALL CORRECTIONS REQUIRED DUE TO THEIR FAILURE TO COORDINATE SUCH DISCREPANCIES.
13. ALL WORK IS TO BE COORDINATED SO THAT NEW WORK CAN BEGIN IMMEDIATELY AFTER THE DEMOLITION AND/OR REMOVAL WORK HAS BEEN COMPLETED.
14. SUBCONTRACTORS ARE TO REVIEW ALL DRAWINGS, SPECIFICATIONS, AND DETAILS FOR ADDITIONAL WORK AND ARE RESPONSIBLE TO COORDINATE THEIR WORK WITH OTHER TRADES.
15. ANY ADDITIONAL WORK/CHANGES FROM THE ORIGINAL SCOPE OF WORK NECESSARY TO MAKE THE WORK OF EACH SUBCONTRACTOR CONFORM TO THE OVERALL PLAN AND THE WORK OF OTHER TRADES SHALL BE DONE AT THE APPROPRIATE CONTRACTOR'S EXPENSE.
16. ALL WORK SHALL BE INSTALLED, FIRSTLY, IN ACCORDANCE WITH ALL LAWS, CODES, ORDINANCES AND REQUIREMENTS OF THE GOVERNING AUTHORITIES, AND SECONDLY, IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH HEREIN, AND ALSO PER THE MANUFACTURER'S INSTALLATION REQUIREMENTS.
17. ALL WORKMEN SHALL BE SKILLED IN THEIR TRADES, & SHALL INSTALL MATERIALS IN STRICT COMPLIANCE WITH REGULATIONS, DRAWINGS & SPECIFICATIONS.
18. CONTRACTOR SHALL EMPLOY & PAY FOR THE SERVICES OF AN INDEPENDENT TESTING AGENCY TO PERFORM REQUIRED TESTING & INSPECTIONS.
19. ALL LABOR AND MATERIALS SHALL BE GUARANTEED FOR ONE (1) YEAR AFTER THE DATE OF FINAL ACCEPTANCE OF WORK OF THE PROJECT, BUT ANY LONGER GUARANTEES GIVEN BY MANUFACTURERS OR SUPPLIERS SHALL NOT BE LIMITED BY THE FOREGOING.
20. ALL MATERIALS SHALL BE NEW AND OF SPECIFIED QUALITY.
21. ALL MATERIALS, DEVICES AND EQUIPMENT SHALL CONFORM TO THE APPLICABLE STANDARDS OF ANSI, ASTM, NFPA, OSHA, AND UL. IN ANY INSTANCE WHERE THESE SPECIFICATIONS CALL FOR MATERIALS FOR CONSTRUCTION OF A BETTER QUALITY OR LARGER SIZE THAN REQUIRED BY THE CODES, THE PROVISIONS OF THESE SPECIFICATIONS SHALL TAKE PRECEDENCE. ALL WORK OF THIS PROJECT SHALL BE CAREFULLY COORDINATED WITH ALL INVOLVED TRADES. PROVIDE ALL NEEDFUL SAFETY DEVICES & PRECAUTIONS.
22. CONTRACTORS SHALL BID ON SPECIFIED PRODUCTS & SYSTEMS WITHOUT DEVIATION. EQUIVALENT PRODUCTS MAY BE SUBMITTED FOR CONSIDERATION DURING THE PRODUCT REVIEW/SUBMITTAL PERIOD; GENERALLY, ACCEPTABLE SUBSTITUTIONS ARE ACCOMPANIED BY A CREDIT TO THE OWNER.
23. ALL CONSTRUCTION AND EQUIPMENT SHALL BE PROTECTED BY EACH CONTRACTOR DURING THE ENTIRE PERFORMANCE OF THEIR WORK. AREAS DISTURBED OR DAMAGED BY THE CONTRACTORS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
24. ALL UNUSED MATERIALS AND DEBRIS SHALL BE LEGALLY DISPOSED OF, AWAY FROM THE PREMISES. NO ON SITE STORAGE, BURNING OR BURIAL OF DEBRIS SHALL BE ALLOWED.
25. GENERAL CONTRACTOR IS TO CAREFULLY SCHEDULE AND COORDINATE HIS WORK WITH OWNER SO AS NOT TO REASONABLY DISTURB BUILDING OPERATIONS AND WILL TO BE HELD RESPONSIBLE FOR ANY LOSSES INCURRED THEREBY.
26. CONTRACTOR IS TO COMPLY WITH THE RULES AND REGULATIONS OF THE OWNER FOR WORK HOURS. SAFE ACCESS AND EXIT FACILITIES FOR ALL EMPLOYEES & RESIDENTS ARE TO BE MAINTAINED DURING ALL PHASES OF THE WORK AS REQUIRED.
27. ALL CONTRACTORS MUST PROTECT ALL PROPERTY FROM DAMAGE OR LOSS DURING THE CONTRACT. ALL DAMAGED, LOST, OR OTHERWISE DISRUPTED PROPERTY IS TO BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER.
28. THE CONTRACTOR SHALL PROVIDE PROTECTION FOR THE PUBLIC, STAFF, CONSTRUCTION WORKERS IN AND AROUND THE CONSTRUCTION AREA, AND ADJACENT PROPERTY AND PERSONS. ADEQUATE BARRIERS SHALL BE PROVIDED TO EXERCISE CONTROL OF SAFE INGRESS AND EGRESS OF PREMISES. FIRE EXISTS SHALL AT NO TIME BE BLOCKED. BARRICADE ALL UNSAFE OR INJURIOUS CONDITIONS.
29. THE CONTRACTOR SHALL STORE MATERIALS ACCORDING TO THE MANUFACTURER'S RECOMMENDED PROCEDURES. ALL MATERIALS SHALL BE PROTECTED FROM INCLEMENT WEATHER.
30. CONTRACTORS ARE RESPONSIBLE FOR: SCHEDULING, THE PURCHASE, DELIVERY, RECEIVING, UNLOADING, STORAGE & SETTING IN PLACE OF ALL EQUIPMENT REQUIRED FOR THE PROJECT.
31. SUBCONTRACTORS ARE RESPONSIBLE FOR SAFEGUARDING OF ALL MATERIALS UNTIL INCORPORATED INTO THE WORK AND UNTIL ACCEPTANCE OF SUBSTANTIAL COMPLETION.
33. DRAWINGS SHOW THE GENERAL ARRANGEMENT & THE EXTENT OF THE WORK. EXACT LOCATION AND EQUIPMENT ARRANGEMENT SHALL BE DETERMINED BY THE PHYSICAL DIMENSIONS OF THE SITE AS PROVIDED BY SURVEY, FIELD MEASUREMENTS AND/OR AS DIRECTED BY THE ARCHITECT. CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE FOR THE FINAL INSTALLATION & LOCATION OF ALL WORK. REPORT ANY DISCREPANCIES TO ARCHITECT PRIOR TO START OF WORK.
34. ALL DIMENSIONS INDICATED ON THE DRAWINGS ARE FINISH FACE TO FINISH FACE, UNLESS OTHERWISE NOTED.
35. DO NOT SCALE DRAWINGS. USE CALCULATED DIMENSIONS ONLY.


Gary Musciano, RA, Architect
611 MAIN STREET
2ND FLOOR
BOONTON, NJ 07005
TELEPHONE (973) 538-3815
FAX (973) 538-4095


JAN 06 2021
ARCHITECT
No. 11039
STATE OF MARYLAND

GARY MUSCIANO, RA, PP

| | |
|---|---|
| NJ RA C-3378 | MI 1301549424 |
| NY RA 021987 | MN 46411 |
| CA 29549 | MO A2000005517 |
| CO 401634 | NV 5016 |
| CT 7947 | ND 9671 |
| DC ARC9352 | OHIO 9510025 |
| DE S5-0008189 | PA RA403281 |
| FL #00014044 | RI 3330 |
| GA RA 012886 | SC 8851 |
| IA RA 06041 | TN CERT. No. 105418 |
| LIRA 001.020561 | TEXAS 14017 |
| IN AR11300067 | UT 8473051-0301 |
| KS 5073 | VT 2529 |
| LA 5692 | VA 0401008254 |
| MD 11039 | WA 11037 |
| MA 40131 | NL CERT. of AFM No. AC480 |
| NJ PLANNER 4261 | |

CONSULTANTS

HERBST MUSCIANO LLC

REVISIONS

| NO.: | DATE: | |
|---|---|---|
| 2 | 1.05.22 | FOR PERMIT |
| 1 | 12.28.21 | FOR BIDDING |

SUBMISSIONS

APPROVALS:

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional Architect under the laws of the State of Maryland" License No:11039
Expiration Date: 06/18/2022

CLIENT / PROJECT:

LINCOLN TECH

DRAWING TITLE:

TITLE SHEET, BUILDING CODE, PROJECT INFO. & GENERAL NOTES

| | |
|---|---|
| PROJECT MANAGER: LR | SCALE: AS NOTED |
| DRAWN BY: LR | DATE: 11.12.2021 |
| CHECKED BY: GM | PROJECT NO.: 7780 |


THIS DESIGN IS COPYRIGHTED AND PROTECTED UNDER THE LAWS OF THE UNITED STATES OF AMERICA. ANY UNAUTHORIZED USE OF THE DOCUMENT WITHOUT WRITTEN CONSENT OF THE ARCHITECT IS PROHIBITED.


DRAWING NO.
T-01

06/2015

THIS WEDBLOCK FORMATTED FOR PLOTTING FULL SIZE 24" X 36", HALF SIZE AT 11" X 17"

SECTION 01 74 23 PROGRESS & FINAL CLEANING REQ'TS(CONTINUE)

I. BUILDING CLEANING: THE CONTRACTOR SHALL MAINTAIN THE SITE IN A CLEAN CONDITION AT ALL TIMES. AT THE END OF EACH WORKDAY CONTRACTOR SHALL GATHER ALL LOOSE TRASH AND DEBRIS FROM AROUND THE SITE AND PLACE IN TRASH CONTAINERS OR REMOVE FORM SITE. CONTRACTOR SHALL NOT STACK TRASH OR OTHER CONSTRUCTION DEBRIS ON THE GROUND OR IN THE OPEN. TRASH MUST BE PLACED INSIDE CLOSED CONTAINERS. IN NO EVENT SHALL TRASH OR DEBRIS BE ALLOWED TO BECOME AIRBORNE OR BE ALLOWED TO BLOW AROUND OR OFF SITE.

3.03 ROUTINE CLEANING:
A AT ALL TIMES. THE CONTRACTOR SHALL KEEP THE PROJECT SITE FREE FROM ACCUMULATION OF WASTE MATERIALS OR RUBBISH CAUSED BY CONSTRUCTION OPERATIONS; BY HIS EMPLOYEES; OR BY WORK. PROVIDE SUITABLE WASTE RECEPTACLES FOR TRASH AND CONSTRUCTION DEBRIS, AND ARRANGE FOR TRANSPORTATION AND LEGAL DISPOSAL OF MATERIALS OFF SITE.
B. BUILDINGS SHALL BE ROUTINELY CLEANED TO REMOVE ALL CONSTRUCTION DEBRIS, PACKING CRATES, WRAPPINGS, PACKING MATERIALS, OR OTHER TRASH. EACH TRADE SHALL BE RESPONSIBLE TO REMOVE TRASH AND DEBRIS RESULTING FROM HIS OPERATIONS.
C. THE ENTIRE SPACE OF BUILDING SHALL BE MAINTAINED IN A CLEAN CONDITION AT ALL TIMES. ONCE PARTITIONS HAVE BEEN INSTALLED, SPACES SHALL BE MAINTAINED IN A "BROOM-CLEAN" CONDITION. PRIOR TO INSTALLATION OF FINISHES AND PAINT, SPACES SHALL BE THOROUGHLY CLEANED OF TRASH AND DEBRIS AND FLOORS SWEPT. VACUUMED CLEAN AND MOPPED TO REMOVE DUST.
D. AT THE COMPLETION OF EACH DAY'S WORK, REMOVE RUBBISH FROM/ABOUT THE BUILDING AND LEGALLY DISPOSE OF THE RUBBISH IN ACCORDANCE WITH OWNER - LINCOLN TECH REQUIREMENTS & REGULATIONS.
E. ALL CONTRACTORS SHALL, AT ALL TIMES, KEEP THE PREMISES FREE FROM ACCUMULATIONS OF WASTE MATERIAL OR RUBBISH CAUSED BY HIS EMPLOYEES OR WORK. AT THE COMPLETION OF EACH DAY'S WORK, REMOVE RUBBISH FROM/ABOUT THE BUILDING AND LEGALLY DISPOSE OF THE RUBBISH IN ACCORDANCE WITH OWNER REQUIREMENTS & REGULATIONS.

3.04. FINAL CLEANING:
A. SITE/BUILDING CLEANING: REMOVE CONSTRUCTION DEBRIS, BOXES, AND TRASH FROM THE SITE. REMOVE CONSTRUCTION STORAGE SHEDS & FIELD OFFICES, & RESTORE GRADE TO MATCH SURROUNDING CONDITION AND REMOVE EXCESS DIRT. PRIOR TO FINAL COMPLETION OR OWNER OCCUPANCY, THE CONTRACTOR SHALL CONDUCT AN INSPECTION OF SIGHT EXPOSED INTERIOR AND EXTERIOR SURFACES, AND ALL WORK AREAS, TO VERIFY THAT THE ENTIRE WORK AREA IS CLEAN.
B. CLEAN STRUCTURE AND INSPECT FOR DAMAGE:
1. REMOVE OIL, GREASE, PAINT DRIPPINGS, AND OTHER CONTAMINANTS FROM FLOORS, THEN MOP REPEATEDLY UNTIL THOROUGHLY CLEAN. REPLACE DAMAGED FLOORING.
2. CLEAN RESILIENT FLOORING WITH AN APPROVED CLEANER AND GIVE ONE (1) COAT LIQUID FLOOR POLISH AS RECOMMENDED BY THE FLOORING MANUFACTURER. POLISH TO A BUFFED APPEARANCE WITH POWERED FLOOR BUFFER.
3. CLEAN AND POLISH INSIDE AND OUTSIDE GLASS SURFACES. WASH WITH WINDOW CLEANER AND WATER, APPLY A COAT OF HIGH QUALITY GLASS POLISH AND WIPE CLEAN. DO NOT SCRATCH OR OTHERWISE MAR GLASS SURFACES.
4. CLEAN WALL SURFACES TO REMOVE DIRT OR SCUFF MARKS. REMOVE EXCESS ADHESIVE ALONG TOP EDGES OF WALL BASE.
5. SPOT PAINT MARS AND OTHER DAMAGE. IF SPOT-PAINTING DOES NOT BLEND INTO THE EXISTING COLOR AND TEXTURE OF THE SURROUNDING SURFACES, REPAINT WALL FROM INSIDE CORNER TO INSIDE CORNER. TOUCH UP DAMAGED SURFACES ON FACTORY FINISHED EQUIPMENT USING SPECIAL PAINT FURNISHED BY THE MANUFACTURER.
6. CLEAN LIGHT FIXTURES, SWITCH PLATES, CONDUITS AND PIPING.
7. REMOVE DIRT, OIL, GREASE, DUST AND OTHER CONTAMINANTS FROM FLOORS, EQUIPMENT AND APPARATUS IN MECHANICAL ROOMS.
8. CLEAN AND POLISH DOOR HARDWARE AND KICKPLATES.
9. INSPECT EXTERIOR PAINTED SURFACES. SPOT PAINT ANY DAMAGED SURFACES.
10. CLEAN PERMANENT FILTERS AND REPLACE DISPOSABLE FILTERS ON HEATING, VENTILATING, & AIR CONDITIONING SYSTEMS. CLEAN DUCTS, BLOWERS, AND COILS IF UNITS WERE OPERATED WITHOUT FILTERS DURING CONSTRUCTION.
11. VACUUM BOTTOM OF ALL ELECTRICAL PANELS.
12. VACUUM ALL AREAS BEHIND EQUIPMENT.
13. VACUUM CARPETS WITH POWERED FLOOR SWEEPERS TO REMOVE DIRT AND DUST. REMOVE GLUE OR OTHER SUBSTANCES FROM CARPET.
14. REMOVE ADHESIVE FROM SURFACES OF VINYL CORNER GUARDS.
15. ALIGN CEILING TILE TO FIT PROPERLY IN GRID AND REPLACE CRACKED OR DAMAGED TILE. REMOVE SMEAR MARKS AND OTHER DIRT FROM TILE AND CLEAN SURFACE OF GRID SYSTEM.
16. CLEAN PLUMBING FIXTURES, VALVES, AND TRIM. CLEAN TOILET SEATS AND COVERS. REMOVE LABELS AND ADHESIVE FROM FIXTURES. REMOVE FLOOR DRAINS AND CLEAN BASKETS OR BUCKETS. POLISH STRAINERS AND EXPOSED CHROME OR BRASS.
17. CLEAN AND POLISH CERAMIC TILE FLOORS AND WALL SURFACES TO REMOVE MILDEW OR OTHER STAINS. POINT DEFECTIVE JOINTS.
18. CLEAN ROOF AREAS OF DEBRIS; FLUSH ROOF DRAINAGE SYSTEMS WITH WATER UNTIL PIPES ARE CLEAR OF DEBRIS.
19. AS APPLICABLE, BROOM CLEAN EXTERIOR PAVED SURFACES AND RAKE CLEAN OTHER SURFACES OF THE GROUNDS TO REMOVE TRASH AND DEBRIS.
20. AT PROJECT COMPLETION, REMOVE AND LEGALLY DISPOSE OF ALL RUBBISH, WASTE MATERIAL & OTHER MATERIALS. REMOVE ALL TOOLS, SCAFFOLDING, SURPLUS MATERIAL, ETC. FROM/ABOUT THE BUILDING AND RESTORE
21. AT PROJECT COMPLETION, PROFESSIONALLY CLEAN THE BUILDING INCLUDING ALL SURFACES, FLOORS, WINDOWS, GRILLES, ETC. TAKE CARE THAT NO SURFACES ARE SCRATCHED, MARRED, OR DAMAGED EXISTING CONDITIONS DURING THE CLEANING OPERATION.
22. CONDUCT FINAL INSPECTION WITH OWNER'S REPRESENTATIVE. OBTAIN FINAL CLEANUP APPROVAL AND ACCEPTANCE, IN WRITING FROM THE OWNER'S REPRESENTATIVE. RE-CLEAN ANY AREAS NOT ACCEPTABLE TO THE OWNER.
C. AT PROJECT COMPLETION, REMOVE AND LEGALLY DISPOSE OF ALL RUBBISH, WASTE MATERIAL & OTHER MATERIALS. REMOVE ALL TOOLS, SCAFFOLDING, SURPLUS MATERIAL, ETC. FROM/ABOUT THE BUILDING. IN ACCORDANCE WITHE OWNER RULES & REGULATIONS. STORAGE, BURNING, OR SALE OF DEMOLISHED, REMOVED, AND/OR DISCARDED MATERIALS IS NOT TO BE PERMITTED ON THE PROJECT SITE.
D. PROFESSIONALLY CLEAN THE WORK AREA INCLUDING ALL VERTICAL SURFACES (WALLS, COLUMNS, ETC.), FLOORS, WINDOWS, GRILLES, ETC. TAKE CARE THAT NO SURFACES ARE SCRATCHED, MARRED, OR DAMAGED DURING THE CLEANING OPERATION. CONDUCT FINAL INSPECTION WITH OWNER'S REPRESENTATIVE & OBTAIN FINAL CLEANUP APPROVAL/ACCEPTANCE, IN WRITING FROM THE OWNER'S REPRESENTATIVE. RE-CLEAN ANY AREAS NOT ACCEPTABLE TO THE OWNER.
E. REMOVE AND LEGALLY DISPOSE OF ALL RUBBISH, WASTE MATERIAL & OTHER MATERIALS. REMOVE ALL TOOLS, SCAFFOLDING, SURPLUS MATERIAL, ETC. FROM/ABOUT THE BUILDING, IN ACCORDANCE WITH OWNER RULES AND REGULATIONS.
END OF SECTION

SECTION 01 78 00 CLOSEOUT SUBMITTALS
PART 1 GENERAL
A. WORK OF THIS SECTION INCLUDES:
1. PROJECT RECORD DOCUMENTS.
2. OPERATION AND MAINTENANCE DATA.
3. SUBMITTALS - FINAL SUBMITTALS OF THE FOLLOWING SHALL BE MADE (SUBMITTED) INCLUDING, BUT NOT LIMITED TO:
a. WARRANTIES (ALL TRADES)
b. TEST REPORTS SUCH AS:
I. FIRE SUPPRESSION SYSTEMS
II. FIRE AND SECURITY ALARM SYSTEMS
c. VALVE TAG SCHEDULES
d. ATTIC STOCK/SPARE PARTS:
I. PAINT- ONE GALLON OF EACH COLOR AND TYPE
e. PROJECT RECORD DOCUMENTS
f. MAINTENANCE MANUALS (ALL TRADES): THE EQUIPMENT MANUFACTURER AND/OR INSTALLING SUBCONTRACTOR SHALL PROVIDE THE SERVICES OF QUALIFIED FACTORY TRAINED TECHNICIAN(S)
1) TO SUPERVISE THE TESTING, STARTING-UP OF EQUIPMENT, ADJUSTING, BALANCING, ETC., ALL AS REQUIRED FOR PROPER OPERATION AND USE OF EQUIPMENT.
2) TO FULLY INSTRUCT THE OWNER'S OPERATING PERSONNEL IN THE PROPER OPERATION, MAINTENANCE AND SERVICE OF THE EQUIPMENT INSTALLED.
3) TO PROVIDE THREE (3) BOUND COPIES MAINTENANCE/ OPERATING MANUALS, SPECIAL TOOLS OR EQUIPMENT TO MAINTAIN INSTALLED EQUIPMENT. SPARE PARTS AND MATERIALS IN QUANTITIES REQUIRED OR SPECIFIED ELSEWHERE.
g. AS-BUILT DRAWINGS (ALL TRADES): THROUGHOUT THE PROGRESS OF CONSTRUCTION, THE CONTRACTOR OR SUBCONTRACTOR FOR EACH MAJOR TRADE CATEGORY (MECHANICAL, ELECTRICAL, ARCHITECTURAL, FIRE PROTECTION, PLUMBING, ETC.) SHALL KEEP A CURRENT, DETAILED, RECORD OF ALL CHANGES IN THE INSTALLATION OF THEIR OWN WORK FROM THE CONDITIONS, LOCATIONS AND LAYOUT SHOWN ON THE CONTRACT DRAWINGS AND/OR SHOP DRAWINGS. THIS REQUIREMENT DOES NOT AUTHORIZE ANY DEVIATIONS WITHOUT APPROVAL OF THE ARCHITECT. AT CONTRACT CLOSE-OUT, DELIVER REPRODUCIBLE (SEPIA) RECORD "AS-BUILT DOCUMENTS" AND CAD CD TO ARCHITECT.
h. APPROVED SHOP DRAWINGS (ALL TRADES)
i. EVIDENCE OF PAYMENT AND RELEASE OF LIENS
j. CERTIFICATE OF COMPLETION (ISSUED BY LOCAL & STATE AUTHORITIES)
4. FINAL CLEANUP ACCEPTANCE
5. PROJECT RECORD DOCUMENTS: SUBMIT DOCUMENTS TO ARCHITECT WITH CLAIM FOR FINAL APPLICATION FOR PAYMENT.
6. OPERATION AND MAINTENANCE DATA:
a. SUBMIT TWO COPIES OF PRELIMINARY DRAFT OR PROPOSED FORMATS AND OUTLINES OF CONTENTS FOR ARCHITECT'S REVIEW BEFORE START OF WORK.
b. FOR EQUIPMENT, OR COMPONENT PARTS OF EQUIPMENT PUT INTO SERVICE DURING CONSTRUCTION AND OPERATED BY OWNER, SUBMIT COMPLETED DOCUMENTS WITHIN TEN DAYS AFTER ACCEPTANCE.
c. SUBMIT ONE COPY OF COMPLETED DOCUMENTS 15 DAYS PRIOR TO FINAL INSPECTION. THIS COPY WILL BE REVIEWED AND RETURNED AFTER FINAL INSPECTION, WITH ARCHITECT'S COMMENTS. REVISE CONTENT OF ALL DOCUMENT SETS AS REQUIRED PRIOR TO FINAL SUBMISSION. SUBMIT TWO SETS OF REVISED FINAL DOCUMENTS IN FINAL FORM WITHIN 10 DAYS AFTER FINAL INSPECTION.
7. WARRANTIES AND BONDS:
a. FOR EQUIPMENT OR COMPONENT PARTS OF EQUIPMENT PUT INTO SERVICE DURING CONSTRUCTION WITH OWNER'S PERMISSION, SUBMIT DOCUMENTS WITHIN 10 DAYS AFTER ACCEPTANCE.
b. MAKE OTHER SUBMITTALS WITHIN 10 DAYS AFTER DATE OF SUBSTANTIAL COMPLETION, PRIOR TO FINAL APPLICATION FOR PAYMENT.
c. FOR ITEMS OF WORK FOR WHICH ACCEPTANCE IS DELAYED BEYOND DATE OF SUBSTANTIAL COMPLETION, SUBMIT WITHIN 10 DAYS AFTER ACCEPTANCE, LISTING THE DATE OF ACCEPTANCE AS THE BEGINNING OF THE WARRANTY PERIOD.
8. FIELD CHANGES OF DIMENSION AND DETAIL.
9. DETAILS NOT ON ORIGINAL CONTRACT DRAWINGS.
10. PROJECT MANUAL: PROVIDE THREE (3) BOUND COPIES, SPECIAL TOOLS OR EQUIPMENT TO MAINTAIN INSTALLED EQUIPMENT, SPARE PARTS AND MATERIALS IN QUANTITIES REQUIRED OR SPECIFIED ELSEWHERE.
11. WARRANTIES AND BONDS: OBTAIN WARRANTIES AND BONDS, EXECUTED IN DUPLICATE BY RESPONSIBLE SUBCONTRACTORS, SUPPLIERS, AND MANUFACTURERS, WITHIN 10 DAYS AFTER COMPLETION OF THE APPLICABLE ITEM OF WORK. EXCEPT FOR ITEMS PUT INTO USE WITH OWNER'S PERMISSION, LEAVE DATE OF BEGINNING OF TIME OF WARRANTY UNTIL THE DATE OF SUBSTANTIAL COMPLETION IS DETERMINED.

PART 2 PRODUCTS - NOT USED
PART 3 EXECUTION
A. PROJECT RECORD DOCUMENTS
1. MAINTAIN ON SITE (1) ONE SET OF THE FOLLOWING RECORD DOCUMENTS; RECORD ACTUAL REVISIONS TO THE WORK:
a. DRAWINGS.
b. ADDENDA.
c. CHANGE ORDERS AND OTHER MODIFICATIONS TO THE CONTRACT.
d. REVIEWED SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES.
e. MANUFACTURER'S INSTRUCTION FOR ASSEMBLY, INSTALLATION, AND ADJUSTING.
2. ENSURE ENTRIES ARE COMPLETE AND ACCURATE, ENABLING FUTURE REFERENCE BY OWNER.
3. VERIFY THAT DOCUMENTS ARE IN PROPER FORM, CONTAIN FULL INFORMATION, AND ARE NOTARIZED.
END OF SECTION

SECTION 01 80 00 CLOSEOUT PROCEDURES
PART 1 GENERAL
A. SECTION INCLUDES
1. FINAL INSPECTION:A FINAL WALK-THROUGH IN THE PRESENCE OF THE ARCHITECT WILL BE MADE AFTER THE GENERAL CONTRACTOR CERTIFIES THE WORK IS SUBSTANTIALLY COMPLETE. AN INSPECTION REPORT (PUNCH LIST) DESCRIBING ANY INCOMPLETE OR UNACCEPTABLE WORK WILL BE PREPARED. AFTER THE PUNCH LIST ITEMS HAVE BEEN 100% COMPLETED, A FOLLOW-UP INSPECTION WITH THE ARCHITECT AND OWNER IN ATTENDANCE WILL BE MADE.
2. EQUIPMENT START-UP:THE EQUIPMENT MANUFACTURER AND/OR INSTALLING SUBCONTRACTOR SHALL PROVIDE THE SERVICES OF QUALIFIED FACTORY TRAINED TECHNICIAN(S) TO SUPERVISE THE TESTING, STARTING-UP OF EQUIPMENT, ADJUSTING, BALANCING, ETC., ALL AS REQUIRED FOR PROPER OPERATION AND USE OF EQUIPMENT. AFTER THE ABOVE WORK AND SERVICES HAVE BEEN SATISFACTORILY PERFORMED, THE EQUIPMENT MANUFACTURER SHALL FURNISH THE SERVICE OF A QUALIFIED FACTORY TRAINED REPRESENTATIVE TO FULLY INSTRUCT THE OWNER'S OPERATING PERSONNEL IN THE PROPER OPERATION, MAINTENANCE AND SERVICE OF THE EQUIPMENT INSTALLED.
3. LOCAL AUTHORITIES APPROVAL/INSPECTION:THE CONTRACTOR SHALL ARRANGE FOR AND OBTAIN ALL INSPECTIONS AND OBTAIN ALL REQUIRED "CERTIFICATE OF OCCUPANCY" APPROVALS.
4. WARRANTIES:ALL LABOR AND MATERIALS SHALL BE GUARANTEED FOR ONE YEAR AFTER THE DATE OF FINAL ACCEPTANCE OF WORK OF THE PROJECT, BUT ANY LONGER GUARANTEES GIVEN BY MANUFACTURERS OR SUPPLIERS SHALL NOT BE LIMITED BY THE FOREGOING.
PART 2 PRODUCTS - NOT USED
PART 3 EXECUTION - NOT USED
END OF SECTION.

SECTION 02 13 00 SITE PREP, REMOVALS, AND TRASH DISPOSAL
PART 1 GENERAL
1.01 WORK INCLUDES: WORK OF THIS SECTION INCLUDES ALL LABOR, MATERIALS, EQUIPMENT, AND SERVICES NECESSARY TO COMPLETE THE SITE PREPARATION WORK AS REQUIRED; SHOWN ON THE DRAWINGS; AND SPECIFIED HEREIN, INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:
A. SELECTIVE DEMOLITION OF EXISTING SITE FEATURES, IF ANY, TO ACCOMMODATE THE INSTALLATION OF THE NEW FENCING AND GATES.
B. PROTECTION WORK FOR SITE BUILDING AND PERSONNEL.
C. LEGAL DISPOSAL OF ALL DEMOLISHED MATERIALS AND CONSTRUCTION WASTE MATERIALS.
D. BEFORE ANY SITE WORK BEGINS, AS PER NEW JERSEY CODES, THE CONTRACTOR MUST TELEPHONE "CALL BEFORE YOU DIG", A MINIMUM OF SEVEN DAYS BEFORE START OF WORK TO LOCATE ALL BURIED UTILITIES."
E. SITE WORK OF THIS SECTION INCLUDES ALL LABOR, MATERIALS, EQUIPMENT, AND SERVICES NECESSARY TO COMPLETE THE SITE CLEARING WORK AS REQUIRED AND SPECIFIED HEREIN INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:
1. SITE LAYOUT
2. CLEAN-UP

1.02 EXAMINATION AND ACCEPTANCE OF SITE
A. CONTRACTOR SHALL ASCERTAIN ALL ACTS CONCERNING CONDITIONS AT LOCATION OF PROJECT. CONSIDER FULLY THESE AND OTHER MATTERS, WHICH MAY IN ANY WAY AFFECT WORK UNDER THIS CONTRACT, AND MAKE NECESSARY INVESTIGATIONS RELATING THERETO.

1.03 PROTECTION OF EXISTING SITE
A. PROVIDE BARRICADES, COVERINGS, DUST PROTECTION, OR OTHER TYPES OF PROTECTION NECESSARY TO PREVENT DAMAGE TO SITE UTILITIES. EQUIPMENT, BUILDING FINISHES, ETC.. RESTORE ANY DAMAGE TO THE ORIGINAL CONDITION.
B. JOB CONDITIONS:
1. PROTECT IMPROVEMENTS ON ADJOINING PROPERTIES AND ON OWNER'S PROPERTY. PROTECT ANY EXISTING TREES AND VEGETATION.

PART 2-NOT USED
PART 3 EXECUTION
3.01 SITE PREPARATION
A. SECURE AND PAY FOR ALL REQUIRED PERMITS AND AUTHORIZATIONS.
B. EXECUTE WORK IN CAREFUL AND ORDERLY MANNER.
C. INSTALL AND MAINTAIN BARRICADES, WARNING SIGNS AND OTHER TEMPORARY DEVICES AS NECESSARY FOR THE PROPER, SAFE, AND EXPEDITIOUS EXECUTION OF THIS WORK.
D. PROVIDE PROTECTION FOR ALL AREAS WHERE NECESSARY TO PREVENT DAMAGE TO SAME, AND REPAIR DAMAGED AREAS AT NO COST TO THE OWNER.
E. SAFETY: MAINTAIN SAFE ACCESS AND EXIT FACILITIES FOR ALL OCCUPANTS AND WORKERS DURING ALL PHASES OF WORK AS REQUIRED BY JURISDICTIONAL AGENCIES. REVIEW ALL SAFETY MEASURES WITH THE OWNERS SITE REPRESENTATIVE.
F. PROVIDE AND PAY FOR ANY POLICE REQUIRED TO CONTROL TRAFFIC MADE NECESSARY BY CONSTRUCTION OPERATIONS.

3.02 SITE LAYOUT
A. LOCATE BENCHMARKS, MONUMENTS AND OTHER REFERENCE POINTS FOR EVALUATION AND LOCATION OF BUILDING AND PROPOSED FENCING. NOTIFY ARCHITECT OF APPARENT DISCREPANCIES IN INDICATED LOCATIONS. PROTECT REFERENCE POINTS FROM DISLOCATION OR DAMAGE. REPLACE OR REPAIR IMMEDIATELY ANY POINTS DAMAGED, DESTROYED OR DISLOCATED IN AN APPROVED MANNER.
B. VERIFY LOCATIONS OF HORIZONTAL REFERENCE POINTS. ACCURATELY LOCATE ALL NEW SITE IMPROVEMENTS ACCORDING TO CONTRACT DOCUMENTS.

3.03 SITE & BUILDING PROTECTION
A. TRAFFIC: DO NOT OBSTRUCT WALKS OR PUBLIC WAYS WITHOUT THE WRITTEN PERMISSION OF GOVERNING AUTHORITIES AND/OR OF THE OWNER. WHERE ROUTES ARE PERMITTED TO BE CLOSED, PROVIDE ALTERNATE ROUTES IF REQUIRED.
B. PROTECTION: PROVIDE FOR THE PROTECTION OF PERSONS PASSING AROUND OR THROUGH THE EXTERIOR AND INTERIOR BUILDING AREAS OF DEMOLITION AND CONSTRUCTION. PERFORM DEMOLITION SO AS TO PREVENT DAMAGE TO ADJACENT IMPROVEMENTS AND FACILITIES TO REMAIN. PROVIDE PROTECTIVE MEASURES TO ENSURE FREE AND SAFE PASSAGE OF PERSONS TO AND FROM OCCUPIED AREAS. PROTECT WALLS, FLOORS, AND OTHER NEW OR EXISTING WORK FROM DAMAGE DURING DEMOLITION AND CONSTRUCTION OPERATIONS. PROTECT EXISTING SITE APPURTENANCES AND LANDSCAPING TO REMAIN.

3.04 DISPOSAL AND REMOVAL OF WORK
A. REMOVAL FROM OWNER'S PROPERTY: REMOVE CONSTRUCTION WASTE MATERIALS AND EQUIPMENT, FROM OWNER'S PROPERTY AND DISPOSE OF OFF SITE, LEGALLY. BURNING ON OWNER'S PROPERTY IS NOT PERMITTED.
B. THE CONTRACTOR SHALL PROVIDE FOR THE DISPOSAL OF DEBRIS DURING THE COURSE OF THE WORK. REMOVAL OF SAME SHALL BE BY CONTAINER TO AN OFF-SITE LEGAL DISPOSAL AREA. THE CONTRACTOR SHALL ARRANGE TO HAVE A DEBRIS DISPOSAL CONTAINER ON-SITE IN AN AREA DESIGNATED BY THE OWNER'S REPRESENTATIVE FROM START OF DEMOLITION UNTIL COMPLETION OF CONSTRUCTION.
C. THE FINAL CLEANING OBLIGATIONS DO NOT MINIMIZE THE OBLIGATIONS OF THE CONTRACTOR TO MAINTAIN THE WORK AREA IN A CLEAN AND ORDERLY MANNER. COMBUSTIBLE PACKING MATERIALS SHALL BE REMOVED FROM THE WORK AREA ON A DAILY BASIS; NON-COMBUSTIBLE DEBRIS SHALL NOT BE ALLOWED TO ACCUMULATE.
END OF SECTION

SECTION 02 20 00 GENERAL DEMOLITION NOTES
PART 1 - GENERAL
1.01. WORK INCLUDES: PERFORM ALL DEMOLITION WORK THAT MAY BE REQUIRED OR NECESSARY FOR FULL AND COMPLETE EXECUTION OF THE WORK, WHETHER OR NOT SHOWN OR SPECIFIED.
A. EXACT EXTENT OF DEMOLITION MAY NOT BE FULLY INDICATED BY THE DRAWINGS.
B. DETERMINE THE NATURE & EXTENT OF DEMOLITION THAT WILL BE NECESSARY BY COMPARING THE CONTRACT DOCUMENTS WITH EXISTING CONDITIONS.
C. WHILE THE SIZE AND LOCATION OF THE NEW WORK & EQUIPMENT IN THE EXISTING BUILDING HAS BEEN INDICATED ON THE DRAWINGS AS ACCURATELY AS POSSIBLE, THE CONTRACTORS SHALL ADJUST AND ADAPT THEIR WORK TO MEET ALL ACTUAL CONDITIONS ON THE EXISTING PREMISES.
D. CONTRACTORS SHALL DISCONNECT & REMOVE EXISTING MATERIALS, EQUIPMENT, & ALL OTHER ITEMS WHICH ARE RENDERED OBSOLETE BY THESE ALTERATIONS & MODIFICATIONS.
E. DO NOT INCORPORATE USED MATERIALS INTO THE WORK (REMOVE AND LEGALLY DISPOSE OF).
F. THE CONTRACTOR IS TO SAFE-OFF AND CAP ALL EXISTING POWER & UTILITY LINES PRIOR TO THE START OF DEMOLITION AND/OR REMOVAL WORK.

1.02 SUBMITTALS:
A. PROVIDE A PROPOSED DEMOLITION ACTIVITIES :
1. SUBMIT PROPOSED DETAILED SCHEDULE OF DEMOLITION ACTIVITIES. INDICATE THE FOLLOWING:
B. STARTING & ENDING DATES FOR EACH ACTIVITY AS APPROPRIATE &
C. INTERRUPTION & RESTORATION OF UTILITY SERVICES.
1. SUBMITTAL OF PROPOSED DEMOLITION ACTIVITIES WILL BE REVIEWED BY THE OWNER & ARCHITECT TO DETERMINE THAT PROPOSED ACTIVITIES WILL NOT INTERFERE WITH THE OWNER'S OPERATIONS.
D. DIGITAL PHOTOGRAPHS: BEFORE STARTING WORK, FILE WITH THE OWNER & ARCHITECT PHOTOGRAPHS DOCUMENTING EXISTING CONDITIONS THAT LATER COULD BE MISTAKEN FOR DAMAGE CAUSED BY DEMOLITION OPERATIONS.

PART 2 - NOT USED
PART 3 - EXECUTION
3.01 DEMOLITION:
A. PERFORM WORK IN A SYSTEMATIC MANNER. DEMOLISH AND REMOVE EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION AND AS INDICATED IN THE CONTRACT DOCUMENTS. PERFORM SELECTIVE DEMOLITION USING METHODS WHICH ARE LEAST LIKELY TO DAMAGE WORK TO REMAIN AND WHICH WILL PROVIDE PROPER SURFACES FOR PATCHING. REMOVE DEBRIS DAILY.
B. ALL STATE AND LOCAL ORDINANCES ASSOCIATED WITH DEMOLITION AND DISPOSAL ARE TO BE COMPLIED WITH, ORDINANCES ASSOCIATED WITH NOISE OR DUST CONTROL RELATED TO DEMOLITION ARE ALSO TO BE COMPLIED WITH.
C. THE CONTRACTOR IS TO INCLUDE, IN THE SCOPE OF HIS WORK, ALL COSTS ASSOCIATED WITH THE DISCONNECTING AND REMOVAL OF CEILING GRIDS, LIGHTING FIXTURES, HVAC EQUIPMENT, PIPING, DUCTWORK, GRILLES, CONTROLS, AND ALL OTHER SUCH SIMILAR ITEMS AS INDICATED ON THE DEMOLITION DRAWINGS AND INCLUSIVE OF ALL RELATED ACCESSORY ITEMS (WIRING CONDUITS, HANGERS, FASTENERS, ETC.) WHICH MAY NOT BE SPECIFICALLY INDICATED. THE CONTRACTOR IS TO BE RESPONSIBLE FOR THE REMOVAL AND CLEANUP OF ALL DEBRIS ASSOCIATE WITH THE DEMOLITION OF HVAC ITEMS. THE CONTRACTOR IS TO PROVIDE ALL TEMPORARY ELECTRIC AND LIGHTING AS REQUIRED.
D. THE CONTRACTOR IS TO MAINTAIN THE INTEGRITY OF ALL EXISTING SYSTEMS TO REMAIN. THE CONTRACTOR IS TO EXERCISE CARE AND CAUTION IN REMOVING ALL EXISTING ITEMS NOTED TO BE REMOVED. THE CONTRACTOR IS TO FURNISH AND INSTALL ALL TEMPORARY BRACING, SHORING, CENTERING, BRACKETS, AND SIMILAR WORK AS NECESSARY FOR THE SUPPORT OF NEW OR EXISTING WORK AS REQUIRED.
E. ALL WIRING, DATA LINES, AND CONDUIT TO BE REMOVED ARE TO BE REMOVED BACK TO THE ORIGINATING POINT OR TO A POINT AT WHICH THE ITEM BECOMES SHARED WITH ITEMS TO REMAIN SUCH AS JUNCTION BOXES. ONLY THOSE EXISTING ELECTRICAL CONVENIENCE OUTLETS AND LIGHTING FIXTURES INDICATED TO REMAIN ARE TO BE LEFT ACTIVE.
F. ALL MECHANICAL AND ELECTRICAL EQUIPMENT, PIPING, DUCTWORK, CONDUIT, WIRING AND OTHER SUCH SIMILAR ITEMS, AS INDICATED OR FIELD VERIFIED BY THE CONTRACTOR AS SERVING AREAS OUTSIDE OF THE AREA OF NEW WORK, ARE NOT TO BE REMOVED, DAMAGED, OR IN ANY WAY BE ALTERED TO AFFECT THE AREAS SERVED.
G. STORAGE, BURNING, OR SALE OF DEMOLISHED, REMOVED, AND/OR DISCARDED MATERIALS IS NOT TO BE PERMITTED ON THE PROJECT SITE.
H. ALL MATERIALS DEMOLISHED, REMOVED, AND/OR DISCARDED ARE TO BECOME THE PROPERTY OF THE CONTRACTOR AND ARE TO BE REMOVED FROM THE PROJECT SITE TO AN APPROVED OFF-SITE LOCATION IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL CODES AND REGULATIONS. EXCEPT THOSE ITEMS TO BE REUSED OR RETURNED TO THE BUILDING OWNER OR AS OTHERWISE DIRECTED BY THE ARCHITECT PRIOR TO THE START OF THE DEMOLITION WORK.
I. IF ANY, MASONRY AND/OR CONCRETE, INTENDED TO BE REMOVED, IS TO BE REMOVED IN SMALL SECTIONS.
J. THE INTENT OF THE DEMOLITION INDICATED IS TO REMOVE AS MUCH OF THE WALLS, CEILINGS AND SYSTEMS INDICATED. SHOULD ELEMENTS OF SYSTEMS THAT MUST REMAIN LIE PIPING, ELECTRICAL SERVING ELEMENTS NOT SCHEDULED TO BE REMOVED) BE FOUND TO BE DEPENDENT UPON WALLS SCHEDULED TO BE REMOVED FOR SUPPORT, PROVIDE ADEQUATE SUPPORT OF THE AFFECTED SYSTEM ELEMENT.
K. ALL SANITARY WATER CONDUCTORS, PLUMBING AND ASSOCIATED VENT STACKS ARE TO REMAIN INTACT AND NOT BE DISTURBED THROUGHOUT THE DURATION OF THIS PROJECT, UNLESS OTHERWISE INDICATED.

3.02. REPAIRS AND PATCHING:
A. PERFORM REPAIRS IN ACCORDANCE WITH PATCHING REQUIREMENTS SPECIFIED AS "CUTTING AND PATCHING" IN THIS SECTION AND AS REQUIRED FOR AN ACCEPTABLE PROJECT.
1. ALL HOLES IN EXISTING WALL AND CEILING SURFACES CAUSED BY DEMOLITION AND/OR REMOVAL WORK ARE TO BE PATCHED AND DRESSED SO AS TO MATCH IMMEDIATE EXISTING ADJACENT SURFACES IN REGARDS TO MATERIAL, FINISH, TEXTURE, COLOR, AND APPEARANCE.
2. ALL FINISH SURFACES ARE TO BE WORKMANLIKE IN APPEARANCE AND UNIFORM IN COLOR. SURFACES ARE TO BE STRAIGHT, TRUE, AND SATISFACTORY TO THE ARCHITECT.
3. STRUCTURAL MEMBERS SHALL NOT BE CUT EXCEPT BY WRITTEN AUTHORITY OF ARCHITECT. WORK DONE CONTRARY TO SUCH AUTHORITY IS AT THE CONTRACTOR'S RISK, SUBJECT TO REPLACEMENT AT HIS OWN EXPENSE IF SO DIRECTED. AIR HAMMERS MAY NOT BE USED. OPENINGS SHALL BE MADE BY CORING, SAWING OR OTHER METHODS AS REVIEWED BY ARCHITECT. MAINTAIN INTEGRITY OF FIRE-RATED ASSEMBLIES.
4. PROVIDE SAME PRODUCTS OR TYPES OF CONSTRUCTION AS THAT IN THE SHELL STRUCTURE, AS NEEDED TO PATCH, EXTEND, OR MATCH THE SHELL WORK. GENERALLY, CONTRACT DOCUMENTS WILL NOT NECESSARILY DEFINE ALL PRODUCTS OR ALL STANDARDS OF WORKMANSHIP PRESENT IN THE SHELL CONSTRUCTION. CONTRACTOR SHALL DETERMINE PRODUCTS BY INSPECTION AND ANY NECESSARY TESTING, AND WORKMANSHIP BY USE OF THE SHELL AS A SAMPLE OF COMPARISON.
5. PRESENCE OF A PRODUCT, FINISH, OR TYPE OF CONSTRUCTION THAT REQUIRES PATCHING, EXTENDING, OR MATCHING SHALL BE PERFORMED AS NECESSARY TO MAKE WORK COMPLETE AND CONSISTENT TO IDENTICAL STANDARDS OF QUALITY.
B. SUBMITTALS: SUBMIT A DETAILED SCHEDULE ON THE REQUIRED CUTTING AND PATCHING WILL BE PERFORMED. INCLUDE THE FOLLOWING INFORMATION:
1. EXTENT: DESCRIBE CUTTING AND PATCHING, SHOW HOW THEY WILL BE PERFORMED, AND INDICATE WHY THEY CANNOT BE AVOIDED.

SECTION 06 10 00 ROUGH CARPENTRY(CONTINUE)

2.03 ACCESSORIES
A. FASTENERS AND ANCHORS:
1. FASTENERS: HOT-DIPPED GALVANIZED STEEL FOR HIGH HUMIDITY AND TREATED WOOD LOCATIONS, UNFINISHED STEEL ELSEWHERE.
2. DRYWALL SCREWS: BUGLE HEAD, HARDENED STEEL, POWER DRIVEN TYPE, LENGTH THREE TIMES THICKNESS OF SHEATHING.
3. ANCHORS: TOGGLE BOLT TYPE FOR ANCHORAGE TO HOLLOW MASONRY.
B. HARDWARE: ALL ITEMS OF ROUGH HARDWARE OF EVERY DESCRIPTION INCLUDING NAILS, SPIKES, SCREWS, BOLTS, ANCHORS, TIES, EXPANSION SHIELDS AND BOLTS, STRAP IRONS AND OTHER ITEMS WHICH ARE REQUIRED TO ASSEMBLE OR SECURE THE WORK SHOWN OR SPECIFIED HEREIN SHALL BE FURNISHED AS NEEDED.

2.04 FACTORY WOOD TREATMENT
A. FIRE RETARDANT TREATMENT: AWPA TREATMENT C20, EXTERIOR TYPE, CHEMICAL TREATMENT PRESSURE IMPREGNATED; CAPABLE OF PROVIDING A MAXIMUM FLAME SPREAD/SMOKE DEVELOPMENT RATING OF 25 UL CLASS "FR-S". PROVIDE "DRICON" MANUFACTURED BY KOPPERS.
1. ALL INTERIOR WOOD MATERIAL SHALL BE FIRE RETARDANT TREATED TO COMPLY WITH THE AWPB STANDARDS FOR PRESSURE IMPREGNATION WITH FIRE RETARDANT CHEMICALS TO ACHIEVE A FLAME SPREAD RATING OF NOT MORE THAN 25 (U.L. CLASS "FR-S") WHEN TESTED IN ACCORDANCE WITH UL TEST 723 OR ASTM E84. AFTER TREATMENT, KILN DRY TO A MOISTURE CONTENT OF 15 PERCENT. IF WOOD IS TO BE PAINTED OR FINISHED, KILN DRY TO A MOISTURE CONTENT OF 12 PERCENT. TREATMENT SHALL BE EQUAL TO "FLAMEPROOF LHC" MADE BY OSMOSE OR "DRICON" MADE BY KOPPERS. PROVIDE U.L. APPROVED IDENTIFICATION ON TREATED MATERIALS. DO NOT RIPSAW OR PLANE SURFACES OF FIRE RETARDANT TREATED WOOD.
B. PRESSURE TREATMENT OF LUMBER ABOVE GRADE: AWPA TREATMENT C2 USING WATERBORNE PRESERVATIVE TO 0.25 LB/CU FT RETENTION.
1. KILN DRY AFTER TREATMENT TO MAXIMUM MOISTURE CONTENT OF 19 PERCENT.
2. TREAT WOOD IN CONTACT WITH ROOFING, FLASHING , OR WATERPROOFING.
3. TREAT WOOD IN CONTACT WITH MASONRY, OR CONCRETE.

PART 3 - EXECUTION
3.01 FRAMING INSTALLATION
A. SET MEMBERS LEVEL, PLUMB, AND TRUE TO LINE.
B. COMPLY WITH MEMBER SIZES, SPACING, AND CONFIGURATIONS INDICATED, AND FASTENER SIZE AND SPACING INDICATED, BUT NOT LESS THAN REQUIRED BY APPLICABLE CODES , AND AFPA WCD 1 T11.
C. PROVIDE MISCELLANEOUS MEMBERS AS INDICATED OR AS REQUIRED TO SUPPORT FINISHES, FIXTURES, SPECIALTY ITEMS, AND TRIM.

3.02 INSTALLATION OF ACCESSORIES AND MISCELLANEOUS WOOD
A. BLOCKING AND MISCELLANEOUS WOOD:
1. FURNISH AND INSTALL AIL WOOD GROUNDS, FURRING, BLOCKING, CURBS, BUCKS, NAILERS, ETC., THAT MAY BE NECESSARY AND REQUIRED IN CONNECTION WITH THE CARPENTRY AND WITH THE WORK DESCRIBED FOR ANY OTHER TRADES AND INCLUDING REQUIRED CARPENTRY FOR ELECTRICAL FIXTURES. ALL BLOCKING AND NAILERS SHALL BE CONTINUOUS WHEREVER REQUIRED, WHETHER OR NOT SO INDICATED.
2. BLOCKING SHALL BE AS REQUIRED FOR THE PROPER INSTALLATION OF THE FINISHED WORK AND FOR ITEMS IN MECHANICAL SECTIONS AS REQUIRED. BLOCKING, EDGINGS, STOPS, NAILING STRIPS, ETC., SHALL BE CONTINUOUS, UNLESS DISTINCTLY NOTED OTHERWISE.
3. FASTENING FOR WOOD GROUNDS, FURRING AND BLOCKING SHALL BE OF METAL AND OF TYPE AND SPACING AS BEST SUITED TO CONDITIONS. HARDENED STEEL NAILS, EXPANSION SCREWS, TOGGLE BOLTS, SELF-CLINCHING NAILS, METAL PLUGS, INSERTS OR SIMILAR FASTENINGS SHALL BE USED, OF SUITABLE TYPE AND SIZE TO DRAW THE MEMBERS INTO PLACE AND SECURELY HOLD SAME.
B. ROUGH LUMBER FOR ROOFING CURBS AND SHEET METAL:
1. FURNISH AND INSTALL ALL WOOD NAILING STRIPS AND WOOD BLOCKING REQUIRED IN CONNECTION WITH RESPECTIVE TYPES OF ROOFING, VENTS, FLASHINGS, AND SHEET METAL WORK, USING PRESERVATIVE TREATED WOOD AS HEREIN BEFORE SPECIFIED.
2. ALL NAILING STRIPS AND BLOCKING SHALL BE CARRIED OUT IN ACCORDANCE WITH THE PRINTED INSTALLATION INSTRUCTIONS, AND/OR RECOMMENDATIONS OF THE ACCEPTED MANUFACTURER OF THE ROOFING MATERIALS, AND IN COORDINATION AND COOPERATION WITH THE SHEET METAL WORK TRADES.
3. ALL BLOCKING AND NAILING STRIPS SHALL BE FIRMLY SECURED IN PLACE USING COUNTER BORED BOLT AND NUT FASTENINGS, OR SECURED BY ANY OTHER PROPOSED FLUSH SURFACED FASTENINGS.
4. WOOD NAILING STRIPS OR BLOCKING REQUIRED TO BE EMBEDDED IN CONCRETE WORK SHALL BE FURNISHED IN TIME DUE FOR PLACING, PRIOR TO START OF CONCRETE OPERATIONS.

3.03 TOLERANCES
A. MEMBERS: 1/4 INCH FROM TRUE POSITION, MAXIMUM.
B. SURFACE FLATNESS: 1/8 INCH IN 10 FEET MAXIMUM, AND 1/4 INCH IN 30 FEET MAXIMUM.
END OF SECTION

SECTION 06 20 00 FINISH CARPENTRY
PART 1 - GENERAL
1.01 WORK OF THIS SECTION INCLUDES
A. FINISH CARPENTRY ITEMS.
B. DOOR AND FRAME INSTALLATION.
C. INSTALLATION OF HARDWARE AND ATTACHMENT ACCESSORIES.
D. PROVIDE AND INSTALL CASEWORK AND ACCESSORIES

1.02 REFERENCES
A. ASTM E 84 - STANDARD TEST METHOD FOR SURFACE BURNING CHARACTERISTICS OF BUILDING MATERIALS; 2005.
B. AWI P-200 - ARCHITECTURAL WOODWORK QUALITY STANDARDS ILLUSTRATED; ARCHITECTURAL WOODWORK INSTITUTE; 2003 EDITION.
C. BHMA A156.9 - AMERICAN NATIONAL STANDARD FOR CABINET HARDWARE; BUILDERS HARDWARE MANUFACTURERS ASSOCIATION; 2003 (ANSI/BHMA A156.9).

1.03 SUBMITTALS
A. PRODUCT DATA:
1. PROVIDE DATA ON FIRE RETARDANT TREATMENT MATERIALS AND APPLICATION INSTRUCTIONS.

1.04 QUALITY ASSURANCE
A. PERFORM WORK IN ACCORDANCE WITH AWI ARCHITECTURAL WOODWORK QUALITY STANDARDS ILLUSTRATED, CUSTOM GRADE.
B. SHOP FABRICATE CARPENTRY WORK TO THE EXTENT FEASIBLE AND WHERE SHOP FABRICATION WILL RESULT IN BETTER WORKMANSHIP THAN FEASIBLE FOR ON-SITE FABRICATION.

1.05 REGULATORY REQUIREMENTS
A. CONFORM TO APPLICABLE CODE FOR FIRE RETARDANT REQUIREMENTS.

1.06 DELIVERY, STORAGE, AND PROTECTION
A. PROTECT WORK FROM MOISTURE AND ALL DAMAGE.
B. KEEP MATERIALS DRY DURING DELIVERY AND STORAGE. PROTECT AGAINST EXPOSURE TO WEATHER AND CONTACT WITH DAMP OR WET SURFACES. STACK LUMBER AND PLYWOOD, AND PROVIDE AIR CIRCULATION WITHIN STACKS.

1.07 PROJECT CONDITIONS
A. SEQUENCE INSTALLATION TO ENSURE UTILITY CONNECTIONS ARE ACHIEVED IN AN ORDERLY AND EXPEDITIOUS MANNER.
B. COORDINATE THE WORK WITH PLUMBING ROUGH-IN, ELECTRICAL ROUGH-IN, AND INSTALLATION OF ASSOCIATED AND ADJACENT COMPONENTS.
C. INSTALLER MUST EXAMINE THE SUBSTRATES AND SUPPORTING STRUCTURE AND THE CONDITIONS UNDER WHICH THE CARPENTRY WORK IS TO BE INSTALLED, AND NOTIFY THE CONTRACTOR IN WRITING OF CONDITIONS DETRIMENTAL TO THE WORK. DO NOT PROCEED WITH THE INSTALLATION UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED IN A MANNER ACCEPTABLE TO THE INSTALLER AND THE ARCHITECT.

PART 2 - PRODUCTS
2.01 LUMBER MATERIALS
A. SOFTWOOD LUMBER: DOUGLAS FIR OR SOUTHERN PINE SPECIES, MAXIMUM MOISTURE CONTENT OF 6 PERCENT; OF SUITABLE QUALITY FOR A PAINTED FINISH.

2.02 ADHESIVE
A. ADHESIVE: TYPE RECOMMENDED BY LAMINATE MANUFACTURER TO SUIT APPLICATION; MANUFACTURED BY RECOMMENDED INDUSTRY STANDARDS.

2.03 WOOD TREATMENT
A. FIRE RETARDANT TREATMENT (FR-S TYPE): CHEMICALLY TREATED AND PRESSURE IMPREGNATED; CAPABLE OF PROVIDING FLAME SPREAD INDEX OF 25, MAXIMUM, AND SMOKE DEVELOPED INDEX OF 450, MAXIMUM, WHEN TESTED IN ACCORDANCE WITH ASTM E84; DRICON MANUFACTURED BY KOPPERS.
1. ALL INTERIOR WOOD MATERIAL SHALL BE FIRE RETARDANT TREATED TO COMPLY WITH THE AWPB STANDARDS FOR PRESSURE IMPREGNATION WITH FIRE RETARDANT CHEMICALS TO ACHIEVE A FLAME SPREAD RATING OF NOT MORE THAN 25 (U.L. CLASS "FR-S") WHEN TESTED IN ACCORDANCE WITH UL TEST 723 OR ASTM E84. AFTER TREATMENT, KILN DRY TO A MOISTURE CONTENT OF 15 PERCENT. IF WOOD IS TO BE PAINTED OR FINISHED, KILN DRY TO A MOISTURE CONTENT OF 12 PERCENT. TREATMENT SHALL BE EQUAL TO "FLAMEPROOF LHC" MADE BY OSMOSE OR "DRICON" MADE BY KOPPERS. PROVIDE U.L. APPROVED IDENTIFICATION ON TREATED MATERIALS. DO NOT RIPSAW OR PLANE SURFACES OF FIRE RETARDANT TREATED WOOD.
B. PROVIDE IDENTIFICATION ON FIRE RETARDANT TREATED MATERIAL.
C. DELIVER FIRE RETARDANT TREATED MATERIALS CUT TO REQUIRED SIZES. MINIMIZE FIELD CUTTING.
D. REDRY WOOD AFTER PRESSURE TREATMENT TO MAXIMUM 15 PERCENT MOISTURE CONTENT.

2.04 WOOD FINISHING
A. SAND WORK SMOOTH AND SET EXPOSED NAILS AND SCREWS.
B. APPLY WOOD FILLER IN EXPOSED NAIL AND SCREW INDENTATIONS.
C. PRIME PAINT SURFACES IN CONTACT WITH CEMENTITIOUS MATERIALS.
D. BACK PRIME WOODWORK ITEMS TO BE FIELD FINISHED, PRIOR TO INSTALLATION.

PART 3 - EXECUTION
3.01 EXAMINATION
A. VERIFY ADEQUACY OF BACKING AND SUPPORT FRAMING.
B. VERIFY MECHANICAL, ELECTRICAL, AND BUILDING ITEMS AFFECTING WORK OF THIS SECTION ARE PLACED AND READY TO RECEIVE THIS WORK.

3.02 INSTALLATION: GENERAL
A. SET AND SECURE MATERIALS AND COMPONENTS IN PLACE, PLUMB AND LEVEL.
B. CAREFULLY SCRIBE WORK ABUTTING OTHER COMPONENTS, WITH MAXIMUM GAPS OF 1/32 INCH. DO NOT USE ADDITIONAL OVERLAY TRIM TO CONCEAL LARGER GAPS. MITER ALL 90° INTERSECTIONS.
C. INSTALL HARDWARE SUPPLIED BY DIVISION 8 IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

3.03 ERECTION TOLERANCES
A. MAXIMUM VARIATION FROM TRUE POSITION: 1/16 INCH.
B. MAXIMUM OFFSET FROM TRUE ALIGNMENT WITH ABUTTING MATERIALS: 1/32 INCH.
END OF SECTION

SECTION 06 41 16 - PLASTIC-LAMINATE-FACED CASEWORK
PART 1 - GENERAL
1.01 SUMMARY
A. SECTION INCLUDES:
1. PLASTIC-LAMINATE-FACED ARCHITECTURAL CABINETS.
B. RELATED SECTION:
1. SECTION 06 10 00 - ROUGH CARPENTRY (FOR WOOD FURRING, BLOCKING, ETC.)
2. SECTION 06 60 10 - PLASTIC LAMINATE PANEL

1.02 ACTION SUBMITTALS
A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT, INCLUDING PANEL PRODUCTS HIGH-PRESSURE DECORATIVE LAMINATE AND CABINET HARDWARE AND ACCESSORIES.
B. SHOP DRAWINGS: SHOW LOCATION OF EACH ITEM, DIMENSIONED PLANS AND ELEVATIONS, LARGE-SCALE DETAILS, ATTACHMENT DEVICES, AND OTHER COMPONENTS.
1. SHOW LOCATIONS AND SIZES OF FURRING, BLOCKING, AND HANGING STRIPS, INCLUDING CONCEALED BLOCKING AND REINFORCEMENT SPECIFIED IN OTHER SECTIONS.
2. SHOW LOCATIONS AND SIZES OF CUTOUTS AND HOLES FOR ELECTRICAL SWITCHES AND OUTLETS AND OTHER ITEMS INSTALLED IN ARCHITECTURAL PLASTIC-LAMINATE CABINETS.
C. SAMPLES FOR VERIFICATION:
1. PLASTIC LAMINATES, 8 BY 10 INCHES, FOR EACH TYPE, COLOR, PATTERN, AND SURFACE FINISH, WITH ONE SAMPLE APPLIED TO CORE MATERIAL AND SPECIFIED EDGE MATERIAL APPLIED TO ONE EDGE.
2. THERMOSET DECORATIVE PANELS, 8 BY 10 INCHES, FOR EACH COLOR, PATTERN, AND SURFACE FINISH, WITH EDGE BANDING ON ONE EDGE.

1.03 INFORMATIONAL SUBMITTALS
A. QUALIFICATION DATA: FOR FABRICATOR.
B. WOODWORK QUALITY STANDARD COMPLIANCE CERTIFICATES: AWI QUALITY CERTIFICATION PROGRAM CERTIFICATES.
C. EVALUATION REPORTS: FOR FIRE-RETARDANT - TREATED MATERIALS, FROM ICC-ES.

1.04 QUALITY ASSURANCE
A. FABRICATOR QUALIFICATIONS: SHOP THAT EMPLOYS SKILLED WORKERS WHO CUSTOM FABRICATE PRODUCTS SIMILAR TO THOSE REQUIRED FOR THIS PROJECT AND WHOSE PRODUCTS HAVE A RECORD OF SUCCESSFUL IN-SERVICE PERFORMANCE.
B. TESTING AGENCY QUALIFICATIONS: FOR TESTING AGENCY PROVIDING CLASSIFICATION MARKING FOR FIRE- RETARDANT-TREATED MATERIAL, AN INSPECTION AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION THAT PERIODICALLY PERFORMS INSPECTIONS TO VERIFY THAT THE MATERIAL BEARING THE CLASSIFICATION MARKING IS REPRESENTATIVE OF THE MATERIAL TESTED.

1.05 DELIVERY, STORAGE, AND HANDLING
A. DO NOT DELIVER CABINETS UNTIL PAINTING AND SIMILAR OPERATIONS THAT COULD DAMAGE WOODWORK HAVE BEEN COMPLETED IN INSTALLATION AREAS. IF CABINETS MUST BE STORED IN OTHER THAN INSTALLATION AREAS, STORE ONLY IN AREAS WHERE ENVIRONMENTAL CONDITIONS COMPLY WITH REQUIREMENTS SPECIFIED IN "FIELD CONDITIONS" ARTICLE.

1.06 FIELD CONDITIONS
A. ENVIRONMENTAL LIMITATIONS: DO NOT DELIVER OR INSTALL CABINETS UNTIL BUILDING IS ENCLOSED, WET WORK IS COMPLETE, AND HVAC SYSTEM IS OPERATING AND MAINTAINING TEMPERATURE AND RELATIVE HUMIDITY AT OCCUPANCY LEVELS DURING THE REMAINDER OF THE CONSTRUCTION PERIOD.
B. FIELD MEASUREMENTS: WHERE CABINETS ARE INDICATED TO FIT TO OTHER CONSTRUCTION, VERIFY DIMENSIONS OF OTHER CONSTRUCTION BY FIELD MEASUREMENTS BEFORE FABRICATION, AND INDICATE MEASUREMENTS ON SHOP DRAWINGS. COORDINATE FABRICATION SCHEDULE WITH CONSTRUCTION PROGRESS TO AVOID DELAYING THE WORK.
1. LOCATE CONCEALED FRAMING, BLOCKING, AND REINFORCEMENTS THAT SUPPORT CABINETS BY FIELD MEASUREMENTS BEFORE BEING ENCLOSED, AND INDICATE MEASUREMENTS ON SHOP DRAWINGS.
C. ESTABLISHED DIMENSIONS: WHERE CABINETS ARE INDICATED TO FIT TO OTHER CONSTRUCTION, ESTABLISH DIMENSIONS FOR AREAS WHERE CABINETS ARE TO FIT. PROVIDE ALLOWANCE FOR TRIMMING AT SITE, AND COORDINATE CONSTRUCTION TO ENSURE THAT ACTUAL DIMENSIONS CORRESPOND TO ESTABLISHED DIMENSIONS.

1.07 COORDINATION
A. COORDINATE SIZES AND LOCATIONS OF FRAMING, BLOCKING, FURRING, REINFORCEMENTS, AND OTHER RELATED UNITS OF WORK SPECIFIED IN OTHER SECTIONS TO ENSURE THAT CABINETS CAN BE SUPPORTED AND INSTALLED AS INDICATED.

PART 2 - PRODUCTS
2.01 WALL & BASE CABINETS - "CUSTOM GRADE"
A. CONSTRUCTION TYPE: TYPE A (FRAMELESS), EUROPEAN-STYLE
B. DOOR INTERFACE: STYLE 1 - FLUSH OVERLAY (MINIMAL/NO REVEAL)
C. DOORS & DRAWER FRONTS TO BE FLUSH WITH SQUARE, APPLIED EDGE
D. INTEGRAL TOE CLEARANCE TO BE 4" MINIMUM

2.02 SURFACES
A. ALL SURFACES SHALL BE HPDL OF THICKNESS & TYPE INDICATED, AND AS MANUFACTURED BY FORMICA.
1. SUBSTITUTION OF AN EQUIVALENT PRODUCT SHALL BE APPROVED BY ARCHITECT.
B. EXPOSED EXTERIOR SURFACES SHALL BE GRADE 10/HGS (.048").
C. EXPOSED INTERIOR SURFACES (INTERIOR OF OPEN CASEWORK) SHALL BE GRADE 10/HGS (.048")
D. SEMI-EXPOSED SURFACES (AS SEEN WHEN DOORS ARE OPEN) SHALL BE GRADE 10/HGS (.048")
E. CONCEALED SURFACES (BACKSIDE, UNDERSIDE OF CABINET) SHALL BE FINISHED IN GRADE CS/CLS (.02")
F. ALL SHELF EDGES & SURFACES SHALL BE FULLY FINISHED.
G. ALL LAMINATE COLORS & STYLES TO BE AS INDICATED ON DRAWINGS.

2.03 CABINET HARDWARE
A. ALL HARDWARE TO MEET ANSI/BHMA STANDARDS. GRADE 2 (MINIMUM).
B. HINGES TO BE EUROPEAN STYLE, SEMI-CONCEALED FOR FRAME-LESS. OVERLAY DOORS: BHMA A156.9, B01521
C. WIRE PULLS TO BE BACK MOUNTED, SOLID METAL, 3 INCHES (NOMINAL) LONG, AND 5/16 INCH (MINIMUM) DIA.: BHMA 156.9, BO2012.
E. ADJUSTABLE SHELF STANDARDS AND SUPPORTS TO BE BORED-HOLE-WITH-PIN TYPE, 5MM METAL PIN
G. DRAWER SLIDES TO BE GRADE 1, SELF-CLOSING, SIDE-MOUNTED, FULL-EXTENSION, BALL-BEARING TYPE: BHMA A156.9.
H. DOOR AND DRAWER SILENCERS: BHMA A156.16, L03011.
I. EXPOSED HARDWARE FINISHES:
1. SATIN CHROMIUM PLATED: BHMA 626 FOR BRASS OR BRONZE BASE; BHMA 652 FOR STEEL BASE.
J. CONCEALED HARDWARE FINISHES:
1. PROVIDE MANUFACTURER'S STANDARD FINISH THAT COMPLIES WITH PRODUCT CLASS REQUIREMENTS IN BHMA A156.9.

2.04 COUNTERTOPS (IF APPLICABLE - AS PER DRAWINGS)
A. HPDL ON BUILT-UP PLYWOOD OR MDF SUBSTRATE, 1-1/4" THICK, WITH FORMICA'S "IDEAL EDGE®" BULLNOSE
B. ALL LAMINATE COLORS TO BE AS INDICATED ON DRAWINGS.

2.05 BACKSPLASH (IF APPLICABLE - AS PER DRAWINGS)
A. HPDL ON PLYWOOD OR MDF SUBSTRATE, 3/4" THICK, 4" HIGH WITH SQUARE EDGES.
B. ALL LAMINATE COLORS TO BE AS INDICATED ON DRAWINGS.

2.06 CLOSET FIT-OUT
A. HPDL ON PLYWOOD OR MDF SUBSTRATE, 1" THICK WITH SQUARE EDGES.
B. ALL LAMINATE COLORS TO BE AS INDICATED ON DRAWINGS.

2.07 MISCELLANEOUS MATERIALS
A. FURRING, BLOCKING, SHIMS, AND HANGING STRIPS: SEE SECTION 06 10 00.
B. ANCHORS: SELECT MATERIAL, TYPE, SIZE, AND FINISH REQUIRED FOR EACH SUBSTRATE FOR SECURE ANCHORAGE. PROVIDE METAL EXPANSION SLEEVES OR EXPANSION BOLTS FOR POST-INSTALLED ANCHORS. USE NONFERROUS -METAL OR HOT -DIP GALVANIZED ANCHORS AND INSERTS AT INSIDE FACE OF EXTERIOR WALLS AND AT FLOORS.

2.08 FABRICATION
A. SAND FIRE-RETARDANT-TREATED WOOD LIGHTLY TO REMOVE RAISED GRAIN ON EXPOSED SURFACES BEFORE FABRICATION.
B. FABRICATE CABINETS TO DIMENSIONS, PROFILES, AND DETAILS INDICATED.
C. COMPLETE FABRICATION, INCLUDING ASSEMBLY AND HARDWARE APPLICATION, TO MAXIMUM EXTENT POSSIBLE BEFORE SHIPMENT TO PROJECT SITE. DISASSEMBLE COMPONENTS ONLY AS NECESSARY FOR SHIPMENT AND INSTALLATION. WHERE NECESSARY FOR FITTING AT SITE, PROVIDE AMPLE ALLOWANCE FOR SCRIBING, TRIMMING, AND FITTING.
D. SHOP -CUT OPENINGS TO MAXIMUM EXTENT POSSIBLE TO RECEIVE HARDWARE, APPLIANCES, ELECTRICAL WORK, AND SIMILAR ITEMS. LOCATE OPENINGS ACCURATELY AND USE TEMPLATES OR ROUGHING -IN DIAGRAMS TO PRODUCE ACCURATELY SIZED AND SHAPED OPENINGS. SAND EDGES OF CUTOUTS TO REMOVE SPLINTERS AND BURRS.

PART 3 - EXECUTION
3.01 PREPARATION
A. BEFORE INSTALLATION, CONDITION CABINETS TO AVERAGE PREVAILING HUMIDITY CONDITIONS

3.02 INSTALLATION
A. ASSEMBLE CABINETS AND COMPLETE FABRICATION AT PROJECT SITE TO THE EXTENT THAT IT WAS NOT COMPLETED IN THE SHOP.
B. INSTALL CABINETS LEVEL, PLUMB, TRUE, AND STRAIGHT. SHIM AS REQUIRED WITH CONCEALED SHIMS. INSTALL LEVEL AND PLUMB TO A TOLERANCE OF 1/8 INCH IN 96 INCHES.
C. SCRIBE AND CUT CABINETS TO FIT ADJOINING WORK, REFINISH CUT SURFACES, AND REPAIR DAMAGED FINISH AT CUTS.
D. ANCHOR CABINETS TO ANCHORS OR BLOCKING BUILT IN OR DIRECTLY ATTACHED TO SUBSTRATES. SECURE WITH COUNTERSUNK, CONCEALED FASTENERS AND BLIND NAILING. USE FINE FINISHING NAILS OR FINISHING SCREWS FOR EXPOSED FASTENING, COUNTERSUNK AND FILLED FLUSH WITH WOODWORK.
1. USE FILLER MATCHING FINISH OF ITEMS BEING INSTALLED.
E. CABINETS: INSTALL WITHOUT DISTORTION SO DOORS AND DRAWERS FIT OPENINGS PROPERLY AND ARE ACCURATELY ALIGNED. ADJUST HARDWARE TO CENTER DOORS AND DRAWERS IN OPENINGS AND TO PROVIDE UNENCUMBERED OPERATION. COMPLETE INSTALLATION OF HARDWARE AND ACCESSORY ITEMS AS INDICATED.
1. INSTALL CABINETS WITH NO MORE THAN 1/8 INCH IN 96-INCH SAG, BOW, OR OTHER VARIATION FROM A STRAIGHT LINE.
2. FASTEN WALL CABINETS THROUGH BACK, NEAR TOP AND BOTTOM, AND AT ENDS NOT MORE THAN 16 INCHES O.C. WITH NO. 10 WAFER-HEAD SCREWS SIZED FOR NOT LESS THAN 1-1/2-INCH PENETRATION INTO WOOD FRAMING, BLOCKING, OR HANGING STRIPS.

3.03 ADJUSTING AND CLEANING
A. REPAIR DAMAGED AND DEFECTIVE CABINETS, WHERE POSSIBLE, TO ELIMINATE FUNCTIONAL AND VISUAL DEFECTS; WHERE NOT POSSIBLE TO REPAIR, REPLACE WOODWORK. ADJUST JOINERY FOR UNIFORM APPEARANCE.
B. CLEAN, LUBRICATE, AND ADJUST HARDWARE.
C. CLEAN CABINETS ON EXPOSED AND SEMIEXPOSED SURFACES.
END OF SECTION.

SECTION 07 90 00- SEALANT WORK
PART 1.00 - GENERAL
1.01 WORK INCLUDES: ALL LABOR, MATERIALS, EQUIPMENT & SERVICES NECESSARY TO COMPLETE THE "SEALANT WORK" AS SHOWN ON THE DRAWINGS & SPECIFIED HEREIN, INCLUDING BUT NOT LIMITED TO, THE FOLLOWING:
1. EXTERIOR WALL JOINTS AT WALL PANEL JOINT, EXPANSION JOINTS, OPENINGS IN EXTERIOR WALLS, ETC.
2. INTERIOR JOINTS BETWEEN ITEMS OF EQUIPMENT & OTHER CONSTRUCTION.
3. ALL EXTERIOR AND INTERIOR OTHER JOINTS REQUIRED TO BE SEALED TO PROVIDE A POSITIVE BARRIER AGAINST PENETRATION OF AIR & MOISTURE.

1.02 SUBMITTALS
A. SHOP DRAWINGS: SUBMIT SHOWING ALL JOINT CONDITIONS, INDICATING RELATION OF ADJACENT MATERIALS, ALL SEALANT MATERIALS (SEALANT, BACKING, PRIMERS, ETC.) & METHOD OF INSTALLATION.
B. SAMPLES - SUBMIT: COLOR SAMPLES OF SEALANTS;
C. MANUFACTURER'S LITERATURE: SUBMIT TECHNICAL AND INSTALLATION INFORMATION FOR:
1. SEALANT MATERIALS.
2. BACKING RODS.

1.03 WARRANTY
A. THE CONTRACTOR SHALL SUBMIT, IN WRITING, A WARRANT THAT ALL SEALANT WORK EXECUTED UNDER THIS SECTION SHALL BE FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF FIVE (5) YEARS FROM DATE OF ACCEPTANCE OF THE PROJECT, & HE SHALL REMEDY ANY DEFECTS IN THE SEALANT WORK DURING THE WARRANTY PERIOD.

PART 2 - PRODUCTS
2.01 SEALANT MATERIALS
A. EXTERIOR WALL SEALANT: PROVIDE ONE OF THE FOLLOWING:
1. ONE PART LOW MODULUS SILICONE SEALANT EQUAL TO "SILIPRUF" MADE BY GENERAL ELECTRIC, OR "790 SILICONE BUILDING SEALANT" MADE BY DOW CORNING CO., CONFORMING TO FED.LLL SPEC. TT-S-01543A, CLASS A.
2. TWO-PART NON-SAG POLYURETHANE SEALANT EQUAL TO "DYMERIC" MADE BY TREMCO MFG. CO., OR DYNATROL II® MADE BY PECORA, OR APPROVED EQUAL, CONFORMING TO FED. SPEC.TT-S-00227E, TYPE II, CLASS A.
B. INTERIOR WALL SEALANT (EXCEPT AS OTHERWISE NOTED ABOVE): PROVIDE A ONE-PART ACRYLIC BASED SEALANT CONFORMING TO FED. SPEC. TT-S-00230A, EQUAL TO "737 ACRYLIC SEALANT, OR "MONO" MADE BY TREMCO OR "60 + UNICRYLIC" MADE BY PECORA.
C COLORS: COLORS OF SEALANT AS SELECTED BY THE ARCHITECT.

2.02 MISCELLANEOUS MATERIALS
A. BACK-UP MATERIALS: PROVIDE BACK-UP MATERIALS AND PREFORMED JOINT FILLERS, NON-STAINING, NONABSORBENT, COMPATIBLE WITH SEALANT AND PRIMER, AND OF A RESILIENT NATURE, EQUAL TO "DENVER FOAM" OR ETHAFOAM" CLOSED CELL POLYURETHANE ROD, 30% WIDER THAN JOINT WIDTH. MATERIALS IMPREGNATED WITH OIL, BITUMEN OR SIMILAR MATERIALS SHALL NOT BE USED. PROVIDE BACK-UP MATERIALS ONLY AS RECOMMENDED BY SEALANT MFR. IN WRITING.
B. PROVIDE BOND BREAKERS, WHERE REQUIRED, OF POLYETHYLENE TAPE AS RECOMMENDED BY MANUFACTURER OF SEALANT.
C. PROVIDE PRIMERS RECOMMENDED BY THE SEALANT MANUFACTURER FOR EACH MATERIAL TO RECEIVE SEALANT. NOTE THAT EACH JOINT MUST BE PRIMED PRIOR TO SEALING.
D. PROVIDE SOLVENTS, CLEANING AGENTS AND OTHER ACCESSORY MATERIALS AS RECOMMENDED BY SEALANT MANUFACTURER.
E. MATERIALS SHALL BE DELIVERED TO THE JOB IN SEALED CONTAINERS WITH MANUFACTURER'S ORIGINAL LABELS ATTACHED. MATERIALS SHALL BE USED PER MANUFACTURER'S PRINTED INSTRUCTIONS.

PART 3 - EXECUTION
3.01 INSPECTION
A. EXAMINE THE AREAS AND CONDITIONS WHERE SEALING IS TO BE INSTALLED AND NOTIFY THE ARCHITECT OF CONDITIONS DETRIMENTAL TO THE PROPER AND TIMELY COMPLETION OF THE WORK. DO NOT PROCEED WITH THE WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED BY THE CONTRACTOR IN A MANNER ACCEPTABLE TO THE ARCHITECT.

3.02 INSTALLATION
A. APPLY SEALANT UNDER PRESSURE WITH A HAND OR POWER ACTUATED GUN OR OTHER APPROPRIATED MEANS. GUN SHALL HAVE NOZZLE OF PROPER SIZE AND PROVIDE SUFFICIENT PRESSURE TO COMPLETELY FILL JOINTS AS DETAILED. NEATLY POINT OR TOOL ALL JOINTS TO PROVIDE A ACCEPTABLE APPROVED CONTOUR JOINT.
B. PREPARATION AND APPLICATION:
1. THOROUGHLY CLEAN ALL JOINTS, REMOVING ALL FOREIGN MATTER SUCH AS DUST, OIL, GREASE, WATER, SURFACE DIRT AND FROST. SEALANT MUST BE APPLIED TO THE BASE SURFACE. PREVIOUSLY APPLIED PAINT OR FILM MUST BE ENTIRELY REMOVED.
2. JOINT SIZE & SEALANT SIZE: JOINTS TO RECEIVE SEALANT SHALL BE AT LEAST 1/4" WIDE, IN JOINTS 1/4" TO 3/8" WIDE, SEALANT SHALL BE 1/4" DEEP. IN JOINTS WIDER THAN 3/8" & UP TO 1" WIDE, SEALANT DEPTH SHALL BE ONE-HALF THE JOINT WIDTH. FOR JOINTS WIDER THAN 1", SEALANT DEPTH SHALL BE AS RECOMMENDED BY SEALANT MANUFACTURER.
END OF SECTION


Gary Musciano, RA, Architect
511 MAIN STREET
2ND FLOOR
BOONTON, NJ 07005
TELEPHONE (973) 538-3815
FAX (973) 538-4095

JAN 06 2021
ARCHITECT No. 11039 STATE OF MARYLAND

GARY MUSCIANO, RA, BP

NJ RA C-8978 | MI 13031454/24
NY RA 02-667 | MN 48411
CA 24649 | MO A2030405517
CO 401604 | NV 5915
CT 7547 | NC 3671
DC A4020532 | OHIO 9010926
DE S5-0008180 | PA RA032281
FL A/R0014044 | RI 2606
GA RA 013598 | SC 8651
IA RA 03841 | TN CERT. No.105458
IL RA 001-020531 | TEXAS 15417
IN A/R11300067 | UT A/R/R51-13031
KS 5373 | VT 2526
LA 9890 | VA 0401008254
MD 11039 | WA 11037
MA 12131 | WV CERT. of AUTH. No. AC-839
NJ PLANNER 4551


CONSULTANTS

HERBST MUSCIANO LLC

| NO.: | DATE: | REVISIONS |
|---|---|---|
| 2 | 1.05.22 | FOR PERMIT |
| 1 | 12.28.21 | FOR BIDDING |

NO.: DATE: SUBMISSIONS

APPROVALS:

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional Architect under the laws of the State of Maryland" License No:11039
Expiration Date: 06/18/2022

CLIENT / PROJECT:

LINCOLN TECH®

DRAWING TITLE:

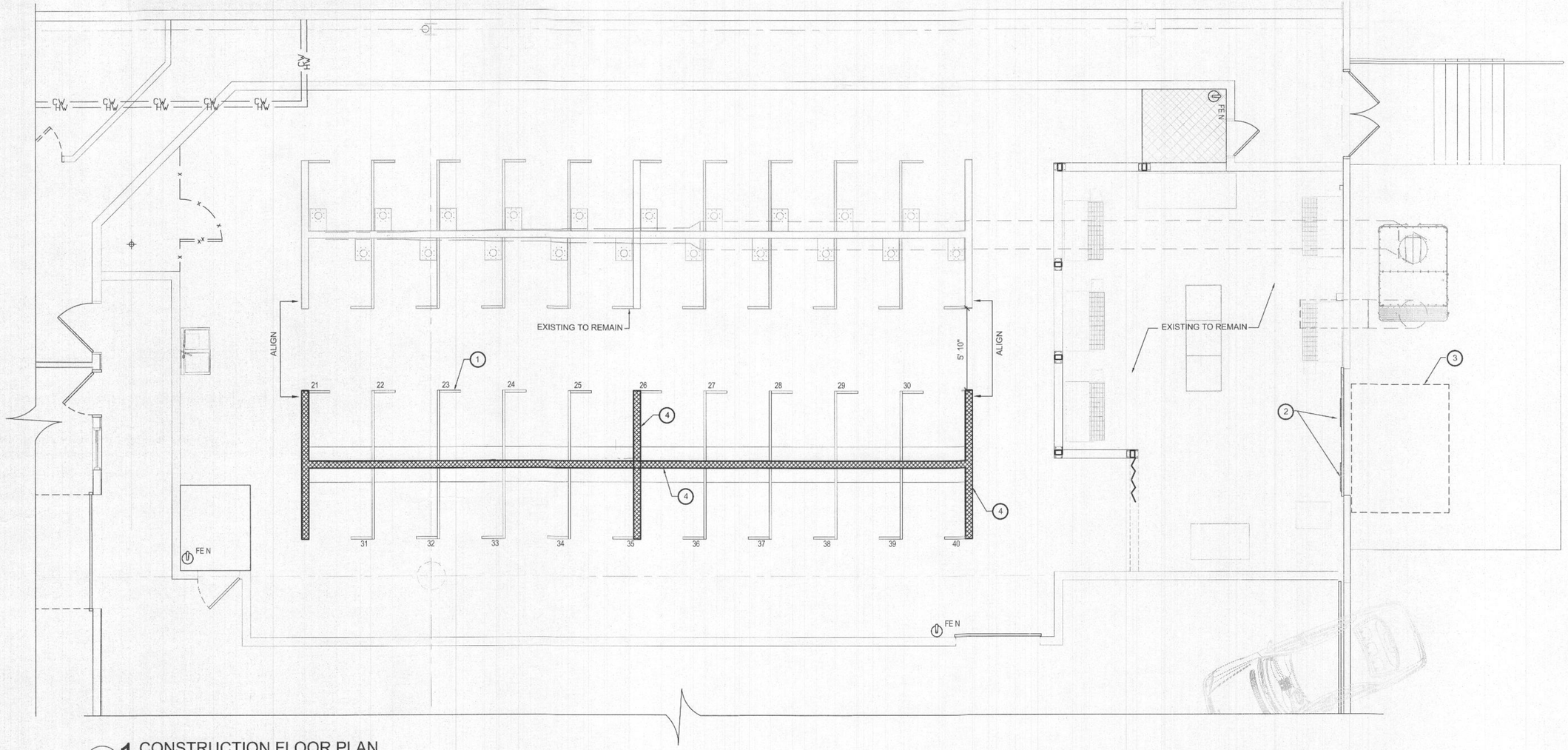
SPECIFICATIONS

PROJECT MANAGER: LR | SCALE: AS NOTED
DRAWN BY: LR | DATE: 11.12.2021
CHECKED BY: GM | PROJECT NO.: 7780


THIS DESIGN IS COPYRIGHTED AND PROTECTED UNDER THE LAWS OF THE UNITED STATES OF AMERICA. ANY UNAUTHORIZED USE OF THE DOCUMENT WITHOUT WRITTEN CONSENT OF THE ARCHITECT IS PROHIBITED.


DRAWING NO.
SP-05
06/2016

THIS TITLEBLOCK FORMATTED FOR PLOTTING FULL SIZE ON 24X36 PAPER




## 1 CONSTRUCTION FLOOR PLAN

0 2' 4' 8' 12'

## CONSTRUCTION PLAN KEYED NOTES:

1. NEW WELDING BOOTHS. REFER TO SHEET A-03 FOR DETAILS.
2. GC TO PROVIDE NEW WALL PENETRATIONS FOR MILLER'S DUCTWORK. GC TO COORDINATE WITH MILLER FOR EXACT LOCATION. SEE A-04 FOR MORE DETAILS.
3. GC TO COORDINATE WITH MILLER IN ORDER TO PROVIDE ROOF PENETRATIONS/FLASHING AS REQUIRED FOR NEW DUCTWORK FROM NEW FILTAIR UNIT.
4. NEW CMU WALL. SEE A-04 FOR DETAILS.


Gary Musciano, RA, Architect

611 MAIN STREET
2ND FLOOR
BOONTON, NJ 07005
TELEPHONE (973) 538-3815
FAX (973) 538-4066


JAN 0 6 2021

ARCHITECT No. 11039 GARY J. MUSCIANO STATE OF MARYLAND

GARY MUSCIANO, RA, PP

| | |
|---|---|
| NJ RA C-6378 | MI 1301045424 |
| NY RA 021687 | MN 48411 |
| CA 20548 | MO A2009005517 |
| CO 421824 | NV 5015 |
| CT 7547 | NC 9671 |
| DC ARC9052 | OH O 35 19925 |
| DE S5-0000193 | PA RA403361 |
| FL AR0014044 | R: 2030 |
| GA RA 012998 | SC 8864 |
| IL RA 001 0020531 | TN CERT. No.105438 |
| IN AR 11 300067 | TEXAS 15417 |
| KS 5073 | UT 5470051-0301 |
| LA 5690 | VT 2526 |
| MD 11139 | VA 0401006254 |
| MA 10331 | WA 11037 |
| NJ PLANNER 4351 | N.J. CERT. #AUTH. No. AC400 |

CONSULTANTS

HERBST MUSCIANO LLC

REVISIONS

| NO.: | DATE: | |
|---|---|---|

| NO.: | DATE: | SUBMISSIONS |
|---|---|---|
| 2 | 1.05.22 | FOR PERMIT |
| 1 | 12.28.21 | FOR BIDDING |

APPROVALS:

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional Architect under the laws of the State of Maryland" License No:11039
Expiration Date: 06/18/2022

CLIENT / PROJECT:

LINCOLN TECH

DRAWING TITLE:

CONSTRUCTION FLOOR PLAN, LEGEND AND NOTES

| | |
|---|---|
| PROJECT MANAGER: LR | SCALE: AS NOTED |
| DRAWN BY: LR | DATE: 11.12.2021 |
| CHECKED BY: GM | PROJECT NO.: 7780 |

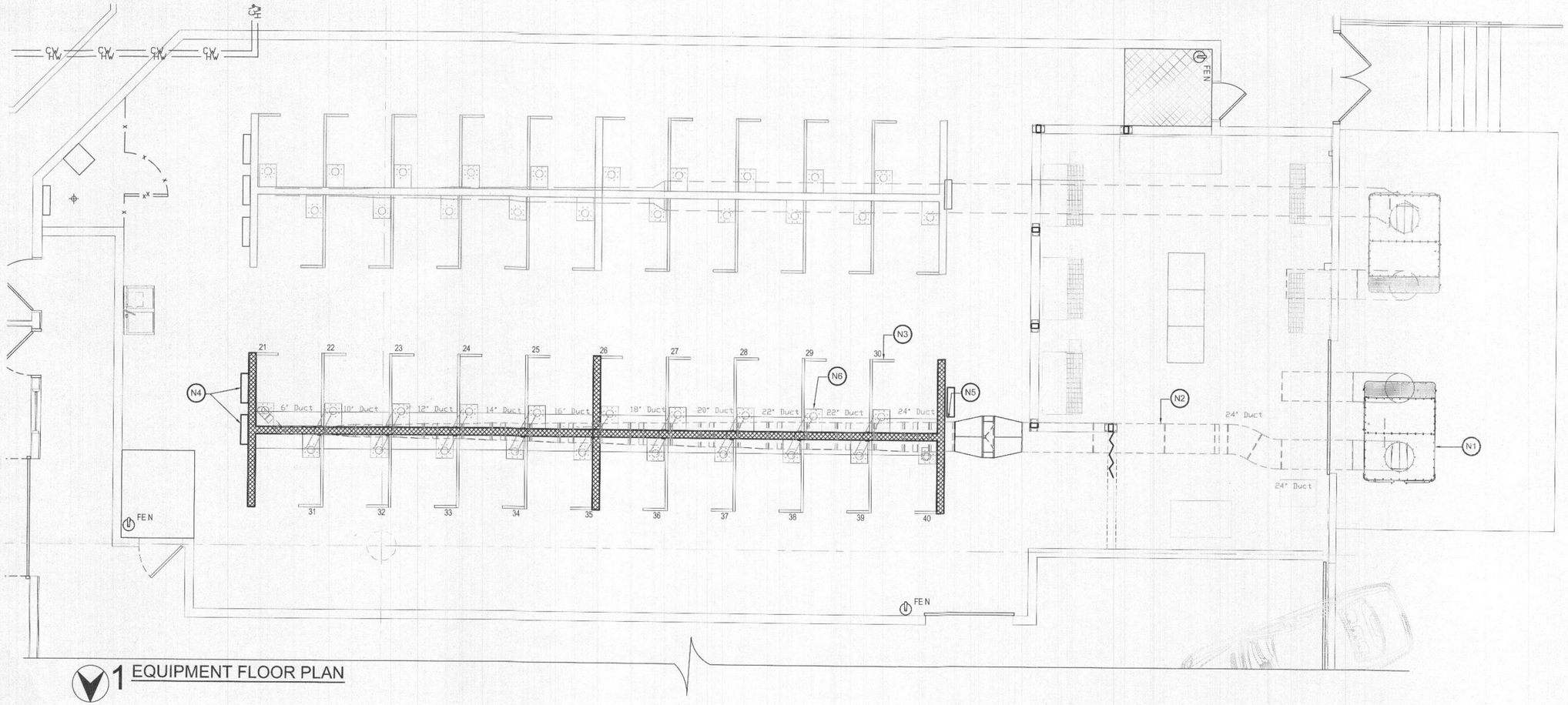

THIS DESIGN IS COPYRIGHTED AND PROTECTED UNDER THE LAWS OF THE UNITED STATES OF AMERICA. ANY UNAUTHORIZED USE OF THE DOCUMENT WITHOUT WRITTEN CONSENT OF THE ARCHITECT IS PROHIBITED.


DRAWING NO.

A-01

06/2018

PLOTTED ON JAN 4, 2022 AT 1:17 PM




# 1 EQUIPMENT FLOOR PLAN

## EQUIPMENT PLAN KEYED NOTES:

N1 NEW FILTAIR 1200. DELIVERED AND INSTALLED BY MILLER. GC TO PROVIDE POWER AND COMPRESSED SUPPLY. FINAL EQUIPMENT CONNECTIONS BY GC.

N2 PROPOSED WELDING BOOTH EXTRACTION OVERHEAD DUCT, FURNISH AND INSTALLED BY MILLER. GC TO COORDINATE WALL PENETRATIONS AND ROUTING WITH MILLER

N3 TYP. WELDING BOOTH. FURNISHED AND INSTALLED BY OWNER'S VENDOR. GC TO COORDINATE WITH VENDOR FOR INSTALLATION OF POWER, COMPRESSED AIR, RECEPTACLES INSIDE BOOTHS. SEE A-03 FOR DETAILS

N4 NEW ELECTRICAL PANELS TO BE MOUNTED ON NEW CMU PARTITION. SEE ELECTRICAL DRAWINGS

N5 NEW MILLER FILTAIR MAIN CONTROL PANEL TO BE MOUNTED ON CMU WALL. PANEL TO BE FURNISH AND INSTALLED BY MILLER. GC TO PROVIDE POWER & CONTROL WIRING TO CONTROL PANEL. SEE ELECTRICAL DRAWINGS FOR DETAILS.

N6 NEW FUME EXTRACTOR ARMS/BRACKETS TO BE FURNISHED AND INSTALLED BY MILLER. GC TO COORDINATE FOR ACCESS AND INSTALLATION TIMES.

| FURNITURE & EQUIPMENT SCHEDULE LIST | | QUANTITY | MANUFACTURER MODEL NUMBER / UNIT WEIGHT | FURNISHED BY | INSTALLED BY | ELECTRICAL REQUIREMENTS | COMPRESSED AIR REQUIREMENTS | NOTES: |
|---|---|---|---|---|---|---|---|---|
| SYMBOL | ITEM | | | | | | | |
| A1 | WELDING BOOTH | 20 | | LTI | LTI | | | SEE A-03 FOR DETAILS |
| A2 | EXTRACTION ARM | 20 | MILLER 301242 | LTI | MILLER | | | SEE A-03 FOR DETAILS |
| A3 | RE-CIRCULATING AIR SYSTEM | 1 | FILTAIR 1200 300903003 | LTI | MILLER | 30HP, 460/3/60 INPUT @40 FLA | 90-100 PSI @ 18 SCFM | EXACT LOCATION TO BE COORDINATED WITH PATIO STRUCTURE ABOVE. |
| A4 | MILLER WELDER TIG/STICK | 5 | MILLER DYNASTY 280 | LTI | GC | 12A@480V,1P | | ELECTRICIAN TO PROVIDE MALE/FEMAIL PLUGS FOR WELDER/PLASMA CUTTER WHIPS (TOTAL OF 26). COORDINATE MALE /FEMALE PLUGS. SEE E DRAWINGS |
| A5 | MILLER WELDER MIG | 5 | MILLERMATIC 252 | LTI | GC | 21A@480V,1P | | |
| A6 | MILLER WELDER | 15 | XMT 350 | LTI | GC | 30A@480V,1P | | |
| A7 | SPECTRUM PLASMA | 2 | SPECTRUM 875 | LTI | GC | | | |
| A8 | | | | | | | | |
| A9 | | | | | | | | |

FURNITURE & EQUIPMENT NOTES

SPECIAL NOTES FOR EQUIPMENT LAYOUT REQUIREMENTS:

-CONTRACTOR IS RESPONSIBLE FOR THE FINAL CONNECTION TO ALL EQUIPMENT UNLESS OTHERWISE NOTED. CONTRACTOR IS RESPONSIBLE FOR THE DELIVERY, TRANSPORTATION, STORAGE, RECEIVING, UNLOADING AND INSTALLING

-CONTRACTOR MUST VERIFY WITH EQUIPMENT MANUFACTURERS PRIOR OF LAYOUT OF ALL EQUIPMENT POSITIONS, SIZES, AND POWER / COMPRESSED AIR PIPING LOCATIONS AND FINAL CONNECTION LOCATIONS.

SPECIAL NOTES FOR POWER AND COMPRESSOR AIR REQUIREMENTS:

THE ELECTRICAL AND PLUMBING CONTRACTOR SHALL PROVIDE THE ELECTRIC AND COMPRESSED AIR REQUIREMENTS TO THE EQUIPMENT LOCATIONS AS NOTED AND SHOWN IN A ORGANIZED AND NEAT MANNER. ALL CONDUIT RUNS ARE TO BE CONCEALED. THE ELECTRICAL AND PLUMBING CONTRACTOR ARE RESPONSIBLE FOR FINAL CONNECTIONS TO ALL EQUIPMENT BEING INSTALLED. COORDINATE WITH EQUIPMENT MANUFACTURER FOR EXACT REQUIREMENTS AND LOCATIONS BEFORE ROUTING NEW LINES.


Gary Musciano, RA, Architect
611 MAIN STREET
2ND FLOOR
BOONTON, NJ 07005
TELEPHONE (973) 538-3815
FAX (973) 538-4095


JAN 0 6 2021

ARCHITECT No. 11039 STATE OF MARYLAND

GARY MUSCIANO, RA GA

NJ RA C-6076
NY RA 021687
CA 22649
CO 401804
CT 7547
DC ARC06052
DE S5-0008193
FL ARC0014044
GA RA 012086
IA RA 06841
IL RA 001.020501
IN AR11300067
KS 3073
LA 5890
MD 11039
MA 12131
NJ PLANNER 4351
MI 1301045424
MN 48411
MO A2008005517
NV 5015
NC 9871
OHIO 0543925
PA 084002261
RI 2030
SC 8851
TN CERT. No. 125438
TEXAS 15417
UT 8470351-0301
VT 2529
VA 0401023254
WA 11037
NJ CERT. of AUTH. No. AC-038

CONSULTANTS

HERBST MUSCIANO LLC

REVISIONS

| NO.: | DATE: | |
|---|---|---|

SUBMISSIONS

| NO.: | DATE: | |
|---|---|---|
| 2 | 1.05.22 | FOR PERMIT |
| 1 | 12.28.21 | FOR BIDDING |

APPROVALS:

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional Architect under the laws of the State of Maryland" License No:11039
Expiration Date: 06/18/2022

CLIENT / PROJECT:

LINCOLN TECH®

DRAWING TITLE:

EQUIPMENT FLOOR PLAN, LEGEND AND NOTES

| PROJECT MANAGER: | SCALE: |
|---|---|
| LR | AS NOTED |
| DRAWN BY: LR | DATE: 11.12.2021 |
| CHECKED BY: GM | PROJECT NO.: 7780 |
| DRAWING NO. | A-02 |


THIS DESIGN IS COPYRIGHTED AND PROTECTED UNDER THE LAWS OF THE UNITED STATES OF AMERICA. ANY UNAUTHORIZED USE OF THE DOCUMENT WITHOUT WRITTEN CONSENT OF THE ARCHITECT IS PROHIBITED.


06/2016

THIS TITLE BLOCK DYNAMIZED FOR PLOTTING FULL SIZE AT 22" X 34", HALF SIZE AT 11" X 17"

0 GENERAL REQUIREMENTS
0 SUMMARY OF WORK
AL

THIS SECTION, AS SHOWN OR SPECIFIED, SHALL BE IN ACCORDANCE WITH
NTS OF THE CONTRACT DOCUMENTS.
ERAL CONDITIONS FOR THE CONTRACT FOR CONSTRUCTION, AMERICAN
CHITECTS AIA FOCUMENT A201. 1997, ARTICLES 1 THROUGH 14 INCLUSIVE,
DE A PART OF THE CONTRACT DOCUMENTS. WHERE ANY ARTICLE OF THE
NDITIONS IS SUPPLEMENTED. THE AIA PROVISIONS OF SUCH ARTICLE
I EFFECT. ALL SUPPLEMENTARY PROVISIONS BEING CONSIDERED AS
. WHERE ANY ARTICLE OF THE AIA GENERAL CONDITIONS IS AMENDED,
RSEDED, PROVISIONS OF SUCH ARTICLE NOT SO SPECIFICALLY AMENDED,
RSEDED SHALL REMAIN IN EFFECT.
ECIFIED UNDER OTHER DIVISIONS ("OTHER WORK"): I.E., DIVISION 15 -
DIVISION 16 - ELECTRICAL. SHALL BE THE RESPONSIBILITY OF EACH
DE. ALL TRADES SHALL COORDINATE THEIR RESPECTIVE OPERATIONS
AL CONTRACTOR.

DED
ION INCLUDES:
NT.
DUTIES.

EMENT
ECT IN THESE SPECIFICATIONS AND RELATED DRAWINGS, DESCRIBE THE
OR THE CONSTRUCTION OF DESIGNATED WORK FOR THE INTERIOR
ERATION FOR LINCOLN TECH, INCLUDING:RELOCATION OF COLLISION
MS & EQUIPMENT.
RACTOR SHALL FURNISH ALL PLANT, LABOR, EQUIPMENT, MATERIALS,
RANSPORTATION REQUIRED TO PERFORM THE WORK, ALL IN STRICT
H DRAWINGS AND SPECIFICATIONS. WORK SHALL BE IN COMPLIANCE
ES AND ORDINANCES AS WELL AS LOCAL, STATE AND FEDERAL
EFFECT AT THE PLACE OF WORK.
TRUCTION SITE / BUILDING IS PRESENTLY DEVELOPED. UTILITIES EXIST
VIDE UTILITIES FROM THEIR POINT OF TERMINATION TO THE
T WITHIN THE BUILDING. CONTRACTOR SHALL REPAIR ANY DAMAGE TO
PUBLIC OR PRIVATE, INCLUDING ROADWAYS, STREETS, CURBS,
THER COMPONENTS RESULTING FROM, OR ASSOCIATED WITH, THE
E UTILITIES AND/OR ANY RELATED WORK.
OF WORK SHALL BE ALL WORK NECESSARY TO COMPLY WITH THE
F THE DRAWINGS AND ALL SECTIONS OF THE SPECIFICATIONS AND WILL
LIMITED TO, THE FOLLOWING:
HITECTURAL WORK, INTERIOR FINISHES AND
N WORK.
CTRICAL WORK.
C WORK.
ALARM/DETECTION WORK.
NKLER WORK.
MBING WORK
RDINATE WORK WITH OTHER CONTRACTORS ON-SITE.
RDINATE ALL WORK WITH LINCOLN TECH REPRESENTATIVES.
OTHER REQUIREMENTS AND CONDITIONS OF THE BASE BID CONTRACT
Y.
AND SPECIFICATIONS DO NOT INDICATE OR DESCRIBE ALL OF THE WORK
PLETE THE PROJECT. ADDITIONAL DETAILS REQUIRED FOR THE
ATION OF SELECTED PRODUCTS ARE TO BE PROVIDED BY THE
COORDINATED WITH THE ARCHITECT. IN ADDITION TO DESCRIPTIONS IN
CUMENTS, MANUFACTURER'S PRINTED INSTRUCTIONS CONCERNING
INSTALLATION OF THEIR PRODUCTS SHALL BE CONSIDERED A PART OF
QUIREMENTS. IN THE EVENT THAT MANUFACTURER RECOMMENDS
TION PROCEDURES BE ACCOMPLISHED PRIOR TO INSTALLATION OF
HE CONTRACTOR SHALL INCLUDE SUCH PREPARATION AS A PART OF
S OWN COST, IF SPECIFIED OR NOT.

ONTRACTOR SHALL COMPLY WITH THE RULES & REGULATIONS OF THE
COLN TECH) FOR SITE ACCESS AND WORK HOURS.
ONTRACTOR SHALL STORE HIS APPARATUS,
SUPPLIES, AND EQUIPMENT IN SUCH ORDERLY FASHION AT THE SITE OF
S WILL NOT UNDULY INTERFERE WITH THE PROGRESS OF THE WORK
OPERATIONS BY THE OWNER. THE CONTRACTOR SHALL PROVIDE
SECURITY FENCING, AS REQUIRED TO SEPARATE THE WORK SPACE
CHOOL USE SPACE. OBTAIN APPROVAL FROM OWNER FOR TEMPORARY
CATION. ALL SECURITY FENCING SHALL BE PROVIDED AND PAY FOR BY
CTOR.
AREAS WILL BE AVAILABLE ON SITE. THE CONTRACTOR'S USE OF THE
RESTRICTED TO THE AREAS INVOLVED IN THE WORK AREA ONLY. THE
R SHALL SEE THAT STOCKPILES OF MATERIALS AND STORAGE OF
RE KEPT TO A MINIMUM AND NEATLY STORED WHERE DIRECTED BY
ND THE ARCHITECT. SITE STORAGE AREAS ARE LIMITED TO WITHIN
REA. THE CONTRACTOR MUST ACCOUNT FOR LIMITED SITE STORAGE
AREA AS PART OF HIS BASE BID. THE OWNER IS NOT RESPONSIBLE
ERIALS, TOOLS, OR EQUIPMENT OF THE CONTRACTOR.
WORK IS TO BE EXECUTED IN AREAS OCCUPIED BY THE OWNER, THE
R SHALL INFORM THE OWNER IN ADVANCE OF THE AREAS SCHEDULED
ED ON, SO THAT, THE OWNER'S PERSONNEL MAY MAKE PROPER
NS TO PROTECT EQUIPMENT AND RECORDS. THE OWNER WILL
OCCUPY THE EXISTING BUILDING DURING THE CONSTRUCTION

THE OWNER WILL ENDEAVOR TO COOPERATE WITH THE
ACTOR'S OPERATIONS WHEN THE CONTRACTOR HAS NOTIFIED THE
R IN ADVANCE OF NEED FOR CHANGES IN OPERATIONS IN ORDER TO
MMODATE CONSTRUCTION OPERATIONS. CONDUCT THE WORK SO AS
SE THE LEAST INTERFERENCE WITH THE OWNER'S OPERATIONS.
THE BALANCE OF THE SCHOOL BUILDING IS OFF LIMITS TO ALL
RUCTION PERSONNEL. CONSTRUCTION PERSONNEL SHALL USE THE
SITE ENTRANCES IN ACCORDANCE WITH OWNER RULES &
ATIONS.
ACCESS TO SITE WILL BE LIMITED; OBTAIN OWNER'S APPROVAL OF
SED ROUTES OF ACCESS. ALL STREET AND DRIVE AREAS
GHOUT AND ADJACENT TO THE PROPERTY MUST BE KEPT FREE OF
STRUCTIONS.
ALL DELIVERIES BY THE CONTRACTORS TO BE APPROVED IN ADVANCE
COORDINATED WITH THE OWNER PRIOR TO THE DELIVERY DATE.
THE CONTRACTOR SHALL BE RESPONSIBLE FOR APPROVAL AND
NATE WITH LOCAL AUTHORITIES AS TO WHICH ROUTES ARE CAPABLE
DLING HEAVY TRUCK TRAFFIC.
IGNS: PROVIDE APPROVED TEMPORARY SIGNS ADEQUATE TO
VISITORS. OBTAIN APPROVAL AND COORDINATE WITH LOCAL
ITIES AS REQUIRED. DO NOT INSTALL OR ALLOW TO BE INSTALLED,
THER THAN SPECIFIED SIGN(S) AND SIGNS IDENTIFYING THE
AL ENTITIES INVOLVED IN THE PROJECT.
HEN THE FOLLOWING MUST BE MODIFIED, PROVIDE ALTERNATE
ES ACCEPTABLE TO THE OWNER:
EMERGENCY MEANS OF EGRESS.
ENTRANCES WHICH MUST REMAIN OPEN.
UTILITIES WHICH MUST REMAIN IN OPERATION.
INFORMATIONAL SIGNAGE.
MENTAL PROTECTION PROCEDURES: PROVIDE
BLISH PROCEDURES, AND CONDUCT CONSTRUCTION ACTIVITIES IN
CH WILL ENSURE COMPLIANCE WITH OWNER'S ENVIRONMENTAL
ENT AND OTHER REGULATIONS CONTROLLING CONSTRUCTION
ROJECT SITE. DESIGNATE ONE PERSON, THE CONSTRUCTION
NT OR OTHER, TO ENFORCE STRICT DISCIPLINE ON ACTIVITIES
NERATION OF WASTES, POLLUTION OF AIR/WATER/SOIL
NOISE, AND SIMILAR HARMFUL OR DELETERIOUS EFFECTS WHICH
REGULATIONS OR REASONABLY IRRITATE PERSONS AT OR IN
JECT SITE.
TECH INTENDS TO OCCUPY THE PROJECT UPON SUBSTANTIAL
CHEDULE THE WORK TO ACCOMMODATE LINCOLN'S OCCUPANCY

1.04 CONTRACTOR'S DUTIES
A. PROVIDE AND PAY FOR:
1. LABOR, MATERIALS AND EQUIPMENT.
2. TOOLS, CONSTRUCTION EQUIPMENT AND MACHINERY.
3. OTHER FACILITIES AND SERVICES NECESSARY FOR PROPER EXECUTION AND COMPLETION OF THE WORK.
4. THE CONTRACTOR SHALL PROVIDE & PAY FOR ALL REQUIRED DUMPSTER, CONTAINERS, AND EQUIPMENT FOR DEMOLITION/ CONSTRUCTION. & CLEAN-UP REMOVAL WORK.
5. PROVIDE A QUALIFIED AND EXPERIENCED FULL TIME SITE SUPERVISOR WHILE THE DURATION OF THE ONGOING PROJECT.
6. CONTRACTOR TO PAY FOR ALL EXPENSES RELATED TO THE RELOCATING OF EQUIPMENT FROM BUILDING 62 TO 128 INCLUDING BUT NOT LIMITED TO:TRANSPORTATION, DIS-ASSEMBLE, RE-ASSEMBLE, ETC
B. PAY LEGALLY REQUIRED SALES, CONSUMER AND USE TAXES, EXCEPT AS MAY BE SPECIFICALLY EXCLUDED BY THE GENERAL PROVISIONS.
C. SECURE AND PAY FOR, AS NECESSARY FOR PROPER EXECUTION AND COMPLETION OF WORK, & AS APPLICABLE AT TIME OF RECEIPT OF BIDS:
1. ALL REQUIRED BUILDING CONSTRUCTION PERMITS AND OTHER APPLICABLE PERMITS.
2. GOVERNMENT FEES AND CHARGES.
3. LICENSES.
D. GIVE REQUIRED NOTICES.
E. PROMPTLY SUBMIT WRITTEN NOTICE TO ARCHITECT OF OBSERVED VARIANCE OF CONTRACT DOCUMENTS FROM LEGAL REQUIREMENTS.
F. COORDINATION: THE GENERAL CONTRACTOR SHALL COORDINATE ALL WORK AND FOR COORDINATING ALL CONTRACTORS' SCHEDULES.
1. THE GENERAL CONTRACTOR SHALL PREPARE AND SUBMIT FOR APPROVAL TO THE ARCHITECT & OWNER, A DETAILED CONSTRUCTION PROGRESS SCHEDULE INCLUDING ALL PHASES AND TRADES OF THE REQUIRED WORK.
2. EACH PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING REPORTING WITH OTHER CONTRACTORS. IN PREPARATION OF SCHEDULES, TAKE INTO ACCOUNT THE TIME ALLOWED OR REQUIRED FOR THE ARCHITECT'S ADMINISTRATIVE PROCEDURES. NOTIFY ENTITY RESPONSIBLE FOR COORDINATION OF SCHEDULES PROMPTLY WHEN PROBLEMS ARE ANTICIPATED IN MEETING SCHEDULE DATES.
3. EACH PRIME CONTRACTOR SHALL COORDINATE HIS ACTIVITIES WITH THE ACTIVITIES OF OTHER CONTRACTORS.
4. IF NECESSARY, INFORM EACH PARTY INVOLVED, IN WRITING, OF PROCEDURES REQUIRED FOR COORDINATION; INCLUDE REQUIREMENTS FOR GIVING NOTICE, SUBMITTING REPORTS, AND ATTENDING MEETINGS.
5. INFORM THE OWNER WHEN COORDINATION OF HIS WORK IS REQUIRED.

PART 2 - PRODUCTS
2.01 MATERIALS: PROVIDE MATERIALS AND PRODUCTS PER THE INDIVIDUAL SECTIONS OF THE SPECIFICATIONS.

PART 3 - EXECUTION
3.01 ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THESE CONTRACT DOCUMENTS.

3.02 GUARANTEES: THE CONTRACTOR SHALL PROVIDE THE FOLLOWING:
ALL WORK: ONE (1) FULL YEAR - LABOR/MATERIALS OR GUARANTEES PROVIDED BY THE CONTRACTOR; ALL SUB-CONTRACTORS, TRADES, SUPPLIERS, PRODUCT MANUFACTURERS, BUT NOT LESS THAN ONE (1) YEAR FROM THE SUBSTANTIAL COMPLETION CERTIFICATE DATE & (NOT SHIPPED DATE).
END OF SECTION.

SECTION 01 12 00 SUMMARY OF "OTHER WORK"
PART 1 - GENERAL
1.01 THE MECHANICAL AND ELECTRICAL DRAWINGS ARE DIAGRAMMATIC AND SHALL BE FOLLOWED AS CLOSELY AS ACTUAL CONSTRUCTION OF THE BUILDING AND AS THE WORK OF OTHER TRADES WILL PERMIT. ALL CHANGES FROM THE DRAWINGS NECESSARY TO MAKE THE WORK OF EACH SUBCONTRACTOR CONFORM TO THE BUILDING CONSTRUCTION AND THE WORK OF OTHER TRADES SHALL BE DONE AT THE APPROPRIATE CONTRACTOR'S EXPENSE. PROVIDE EQUIPMENT CONCRETE PADS AS REQUIRED BY MECHANICAL & ELECTRICAL TRADES.

1.02 CAREFULLY CHECK AND COORDINATE THE LOCATION AND THE LEVEL OF ALL PIPES, DUCTS, ETC. RUN PRELIMINARY LEVELS SO THAT POTENTIAL CONFLICTS IN ALL LOCATIONS WILL BE AVOIDED. THE ARCHITECT RESERVES THE RIGHT TO CHANGE THE LOCATION OF ANY EQUIPMENT 5 FEET, AND ANY PIPING, DUCTWORK, CONDUIT, ETC., 10 FEET IN ANY DIRECTION WITHOUT EXTRA CHARGE, PROVIDED SUCH CHANGES ARE MADE BEFORE INSTALLATION.

1.03 CONTRACTOR SHALL PREPARE MEP COORDINATION SHOP DRAWINGS.
END OF SECTION

SECTION 01 13 00 DEFINITIONS
- "USER/TENANT" OR "PROJECT OWNER", AS REFERENCED IN THE CONTRACT DOCUMENTS, AND HEREINAFTER CALLED "OWNER", SHALL IMPLY LINCOLN TECHNICAL INSTITUTE.
- "CONTRACTOR", AS REFERENCED IN THE CONTRACT DOCUMENTS, SHALL IMPLY THE GENERAL CONTRACTOR, A SUB-CONTRACTOR, A SUB-SUB-CONTRACTOR AND/OR AN EQUIPMENT VENDOR.
- "ARCHITECT/ENGINEER/DESIGN PROFESSIONAL" AS REFERENCED IN THESE CONTRACT DOCUMENTS AND HEREINAFTER CALLED "ARCHITECT", SHALL IMPLY GARY MUSCIANO, RA ARCHITECTS FOR WORK AS REPRESENTED IN DRAWINGS LABELED TSP, AND A.
END OF SECTION

SECTION 01 14 16 COORDINATION WITH OCCUPANTS

THE CONTRACTOR SHALL BE ADVISED THAT OWNER & ITS OCCUPANTS WILL CONTINUE TO OCCUPY THE EXISTING BUILDING DURING THIS CONTRACT. THE CONTRACTOR IS TO CAREFULLY SCHEDULE AND COORDINATE HIS WORK SO AS NOT TO REASONABLY DISTURB ANY OCCUPANT IN THE BUILDING AND IS TO BE HELD RESPONSIBLE FOR ANY OWNER-RELATED COSTS INCURRED THEREBY. THE CONTRACTOR IS TO COMPLY WITH THE OWNER'S RULES AND REGULATIONS FOR WORK HOURS.
END OF SECTION

SECTION 01 18 00 PRE-BID SUMMARY
THE WORK COVERED BY THE DRAWINGS AND THE SPECIFICATIONS IS TO INCLUDE THE FURNISHING OF ALL MATERIALS, LABOR, EQUIPMENT, TOOLS, TAXES, TRANSPORTATION, UTILITIES, AND INCIDENTALS NECESSARY FOR THE COMPLETE INSTALLATION OF ALL SYSTEMS AS REQUIRED IN THE CONTRACT DOCUMENTS AND SPECIFIED HEREIN, UNLESS OTHERWISE NOTED.
EACH CONTRACTOR SHALL VISIT AND INSPECT THE SITE, AND SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS IN THE AREAS DESIGNATED ON THE PLANS PRIOR TO BIDDING, AND COVER IN HIS BID ALL NECESSARY WORK TO BE PERFORMED. NO EXTRA CHARGES SHALL BE ACCEPTED BY THE OWNER FOR WORK THAT MUST BE PERFORMED DUE TO THE CONTRACTORS FAILURE TO VERIFY THE EXISTING CONDITIONS.
BUILDING PLANS ARE BASED ON RECORD DRAWINGS PROVIDED BY THE OWNER AND, BY THEIR NATURE, MAY NOT NECESSARILY REVEAL ALL CONDITIONS THAT EXIST AT THE PROJECT SITE. IMMEDIATELY NOTIFY THE ARCHITECT OF DISCREPANCIES OR OMISSIONS IN THE BID DOCUMENTS.
END OF SECTION

SECTION 01 19 00 BIDDING
THE SUBMISSION OF A BID IS TO BE CONSTRUED AS EVIDENCE THAT A THOROUGH FIELD EXAMINATION OF THE PROJECT SITE HAS BEEN MADE. FAILURE OF THE CONTRACTOR TO FAMILIARIZE HIMSELF WITH THE DRAWINGS RELATING TO THE WORK, THE CONDITIONS EXISTING AT THE BUILDING. AND/OR THE POSSIBLE DIFFICULTIES THAT MAY BE ENCOUNTERED IN THE EXECUTION OF THE WORK UNDER THE CONTRACT WILL NOT RELIEVE HIM OF HIS OBLIGATION TO FURNISH ALL MATERIALS AND LABOR NECESSARY TO CARRY OUT THE PROVISIONS OF THE DRAWINGS AND TO COMPLETE THE CONTEMPLATED WORK FOR THE CONSIDERATION SET FORTH IN HIS BID.
COMMENCEMENT OF THE WORK BY THE CONTRACTOR WILL BE CONSIDERED AS ACCEPTANCE THAT ALL SUBSTRATES ARE ACCEPTABLE. CONTRACTOR SHALL BEAR THE COST OF FORESEEABLE REMEDIAL WORK.
CLARIFICATIONS MAY BE REQUESTED OF THE ARCHITECT UP TO 7 DAYS PRIOR TO BID DATE.
THE CONTRACTOR SHALL INCLUDE IN HIS BID, ALL COSTS ASSOCIATED WITH PROVIDING ALL REQUIRED DUMPSTERS, CONTAINERS, AND EQUIPMENT FOR DEMOLITION, CONSTRUCTION, AND/OR CLEAN-UP/REMOVAL WORK.
SUBSTITUTION DURING BID PERIOD: THE SUBCONTRACTOR IS REQUIRED TO BID, AS SPECIFIED, ON THE DRAWINGS WITHOUT DEVIATION. CONTRACTORS ARE INVITED TO SUBMIT SUBSTITUTIONS FROM THE BASE BID, ONLY IF THE SUBSTITUTIONS ARE APPROVED BY THE ARCHITECT AND OWNER PRIOR TO SUBMITTING THE BID.
ADDENDA: ADDENDA MAY BE ISSUED DURING THE BID PERIOD. ADDENDA BECOME PART OF THE CONTRACT DOCUMENTS. RESULTANT COSTS SHALL BE INCLUDED IN BID.
END OF SECTION

SECTION 01 20 00 PRICE & PAYMENT PROCEDURES
PART 1 - GENERAL
1.01 WORK OF THIS SECTION INCLUDES:
A. PROCEDURES FOR PREPARATION AND SUBMITTAL OF APPLICATIONS FOR PROGRESS PAYMENTS.
B. SCHEDULE OF VALUES
1. SUBMIT A PRINTED SCHEDULE ON AIA FORM G703 - APPLICATION AND CERTIFICATE FOR PAYMENT CONTINUATION SHEET. CONTRACTOR'S STANDARD FORM OR ELECTRONIC MEDIA PRINTOUT WILL BE CONSIDERED.REVISE SCHEDULE TO LIST APPROVED CHANGE ORDERS, WITH EACH APPLICATION FOR PAYMENT.
C. APPLICATIONS FOR PROGRESS PAYMENTS
1. PAYMENT PERIOD: SUBMIT AT INTERVALS STIPULATED IN THE AGREEMENT.
2. PRESENT REQUIRED INFORMATION IN TYPEWRITTEN FORM.
3. FORM: AIA G702 APPLICATION AND CERTIFICATE FOR PAYMENT AND AIA G703 - CONTINUATION SHEET, INCLUDING CONTINUATION SHEETS WHEN REQUIRED.
4. FOR EACH ITEM, PROVIDE A COLUMN FOR LISTING EACH OF THE FOLLOWING:
a. ITEM NUMBER.
b. DESCRIPTION OF WORK.
c. SCHEDULED VALUES.
d. PREVIOUS APPLICATIONS.
e. WORK IN PLACE AND STORED MATERIALS UNDER THIS APPLICATION.
f. AUTHORIZED CHANGE ORDERS.
g. TOTAL COMPLETED AND STORED TO DATE.
h. PERCENTAGE OF COMPLETION.
i. BALANCE TO FINISH.
j. RETAINAGE.
5. EXECUTE CERTIFICATION BY SIGNATURE OF AUTHORIZED OFFICER.
6. USE DATA FROM APPROVED SCHEDULE OF VALUES. PROVIDE DOLLAR VALUE IN EACH COLUMN FOR EACH LINE ITEM FOR PORTION OF WORK PERFORMED AND FOR STORED PRODUCTS.
7. LIST EACH AUTHORIZED CHANGE ORDER AS A SEPARATE LINE ITEM, LISTING CHANGE ORDER NUMBER AND DOLLAR AMOUNT AS FOR AN ORIGINAL ITEM OF WORK.
8. SUBMIT THREE COPIES OF EACH APPLICATION FOR PAYMENT.
9. INCLUDE THE FOLLOWING WITH THE APPLICATION:
a. CONSTRUCTION PROGRESS SCHEDULE, REVISED AND CURRENT AS SPECIFIED IN SECTION 01300.
b. WHEN ARCHITECT REQUIRES SUBSTANTIATING INFORMATION, SUBMIT DATA JUSTIFYING DOLLAR AMOUNTS IN QUESTION. PROVIDE ONE COPY OF DATA WITH COVER LETTER FOR EACH COPY OF SUBMITTAL.
c. SHOW APPLICATION NUMBER AND DATE, AND LINE ITEM BY NUMBER AND DESCRIPTION.
d. MODIFICATION PROCEDURES
1) SUBMIT NAME OF THE INDIVIDUAL AUTHORIZED TO RECEIVE CHANGE DOCUMENTS AND WHO WILL BE RESPONSIBLE FOR INFORMING OTHERS IN GENERAL CONTRACTOR'S EMPLOY OR SUBCONTRACTORS OF CHANGES TO THE WORK.
2) ARCHITECT WILL ADVISE OF MINOR CHANGES IN THE WORK NOT INVOLVING AN ADJUSTMENT TO CONTRACT SUM OR CONTRACT TIME AS AUTHORIZED BY THE CONDITIONS OF THE CONTRACT BY ISSUING SUPPLEMENTAL INSTRUCTIONS ON AIA FORM G710.
e. CONSTRUCTION CHANGE DIRECTIVE: ARCHITECT MAY ISSUE A DOCUMENT, SIGNED BY OWNER, INSTRUCTING GENERAL CONTRACTOR TO PROCEED WITH A CHANGE IN THE WORK, FOR SUBSEQUENT INCLUSION IN A CHANGE ORDER.
f. PROPOSAL REQUEST: ARCHITECT MAY ISSUE A DOCUMENT WHICH INCLUDES A DETAILED DESCRIPTION OF A PROPOSED CHANGE WITH SUPPLEMENTARY OR REVISED DRAWINGS AND SPECIFICATIONS, A CHANGE IN CONTRACT TIME FOR EXECUTING THE CHANGE. GENERAL CONTRACTOR SHALL PREPARE AND SUBMIT A FIXED PRICE QUOTATION WITHIN 7 DAYS.
g. GENERAL CONTRACTOR MAY PROPOSE A CHANGE BY SUBMITTING A REQUEST FOR CHANGE TO ARCHITECT, DESCRIBING THE PROPOSED CHANGE AND ITS FULL EFFECT ON THE WORK, WITH A STATEMENT DESCRIBING THE REASON FOR THE CHANGE, AND THE EFFECT ON THE CONTRACT SUM AND CONTRACT TIME WITH FULL DOCUMENTATION.
1) DOCUMENT ANY REQUESTED SUBSTITUTIONS IN ACCORDANCE WITH SECTION 01600.
h. COMPUTATION OF CHANGE IN CONTRACT AMOUNT:
FOR CHANGE REQUESTED BY GENERAL CONTRACTOR, THE AMOUNT WILL BE BASED ON THE GENERAL CONTRACTOR'S REQUEST FOR A CHANGE ORDER AS APPROVED BY ARCHITECT.
1) FOR PRE-DETERMINED UNIT PRICES AND QUANTITIES, THE AMOUNT WILL BASED ON THE FIXED UNIT PRICES.
2) SUBSTANTIATION OF COSTS: PROVIDE FULL INFORMATION REQUIRED FOR EVALUATION.
aa. ON REQUEST, PROVIDE FOLLOWING DATA:
QUANTITIES OF PRODUCTS. LABOR, AND EQUIPMENT. TAXES, INSURANCE, AND BONDS. OVERHEAD AND PROFIT.
JUSTIFICATION FOR ANY CHANGE IN CONTRACT TIME. CREDIT FOR DELETIONS FROM CONTRACT, SIMILARLY DOCUMENTED.
bb. FOR TIME AND MATERIAL WORK, SUBMIT ITEMIZED ACCOUNT AND SUPPORTING DATA AFTER COMPLETION OF CHANGE, WITHIN TIME LIMITS INDICATED IN THE CONDITIONS OF THE CONTRACT.
i. EXECUTION OF CHANGE ORDERS: GENERAL CONTRACTOR WILL ISSUE CHANGE ORDERS FOR SIGNATURES OF PARTIES AS PROVIDED IN THE CONDITIONS OF THE CONTRACT ON AIA G701.
1) AFTER EXECUTION OF CHANGE ORDER, GENERAL CONTRACTOR WILL PROMPTLY REVISE SCHEDULE OF VALUES AND APPLICATION FOR PAYMENT FORMS TO RECORD EACH AUTHORIZED CHANGE ORDER AS A SEPARATE LINE ITEM AND ADJUST THE CONTRACT SUM.
2) PROMPTLY REVISE PROGRESS SCHEDULES TO REFLECT ANY CHANGE IN CONTRACT TIME. REVISE SUB-SCHEDULES TO ADJUST TIMES FOR OTHER ITEMS OF WORK AFFECTED BY THE CHANGE, AND RESUBMIT.
j. APPLICATION FOR FINAL PAYMENT
1) PREPARE APPLICATION FOR FINAL PAYMENT AS SPECIFIED FOR PROGRESS PAYMENTS, IDENTIFYING TOTAL ADJUSTED CONTRACT SUM, PREVIOUS PAYMENTS, AND SUM REMAINING DUE.
2) APPLICATION FOR FINAL PAYMENT WILL NOT BE CONSIDERED UNTIL THE FOLLOWING HAVE BEEN ACCOMPLISHED:ALL CLOSEOUT PROCEDURES SPECIFIED IN SECTION 01700.
PART 2 PRODUCTS - NOT USED
PART 3 EXECUTION - NOT USED
END OF SECTION

SECTION 01 30 00 ADMINISTRATIVE REQUIREMENTS
PART 1 - GENERAL
1.01 WORK INCLUDED
A. THE CONTRACTOR SHALL PERFORM ALL ADMINISTRATIVE FUNCTIONS NECESSARY TO ASCERTAIN THAT THE WORK CONFORMS TO THE CONTRACT DOCUMENTS AND THE GENERAL CONDITIONS.

1.02 QUALITY ASSURANCE
A. THE OWNER RESERVES THE RIGHT FOR TRIAL USAGE OF ANY MATERIAL OR EQUIPMENT FOR THE PURPOSES OF TESTING THE EQUIPMENT OR ASCERTAINING THAT THE EQUIPMENT MEETS THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. SUCH TRIAL USAGE SHALL NOT BE CONSTRUED AS EVIDENCE OF ACCEPTANCE BY THE OWNER, AND NO CLAIM WILL BE ALLOWED FOR DAMAGE RESULTING FROM TRIAL USAGE. TEMPORARY OR TRIAL USAGE SHALL IN NO WAY AFFECT THE STARTING DATE FOR WARRANTIES OR GUARANTEES.

1.03 SUBMITTALS FOR REVIEW
CONTRACTOR TO PROVIDE SHOP DRAWINGS AND SUBMITTAL DATA AS FOLLOWS:
A. SHOP DRAWINGS: FOR ALL NEW PRODUCTS & MATERIALS FOR ALL TRADES: THE CONTRACTOR SHALL SUBMIT A 24" X 36" OR LARGER FOUR (4 MIN.) GOOD QUALITY REPRODUCIBLE BLACK-LINE PRINTS TO THE ARCHITECT FOR THEIR REVIEW, & COMMENTS BEFORE ANY WORK IS BEGUN.
B. MANUFACTURERS DATA AND MSDS DOCUMENTATION: SUBMIT FOUR (4 MIN.) COPIES OF EACH UNIT OF WORK OR SYSTEM TO THE ARCHITECT FOR REVIEW AND APPROVAL. CLEARLY IDENTIFY AND MARK EACH COPY TO SHOW WHICH CHOICES AND OPTIONS ARE APPLICABLE TO PROJECT - DO NOT SEND DATA SHEETS WITHOUT MARKING THE PROPER PRODUCT FOR APPROVAL / REVIEW. INCLUDE MANUFACTURER'S STANDARD PRINTED RECOMMENDATIONS FOR APPLICATION/USE, & INFORMATION (SEALS. LABELS, ETC.) THAT UNITS SUBMITTED COMPLY WITH NATIONALLY RECOGNIZED STANDARDS.
C. INFORMATIONAL SUBMITTALS TO INCLUDE: DESIGN DATA; CERTIFICATES; TEST REPORTS; INSPECTION REPORTS; MANUFACTURER'S INSTRUCTIONS; MANUFACTURER'S FIELD REPORTS; OTHER TYPES INDICATED. SUBMIT SIX COPIES.
D. SUBMITTALS FOR PROJECT CLOSEOUT: SUBMIT THREE SETS AT PROJECT CLOSEOUT INCLUDES: PROJECT RECORD AS-BUILT DRAWINGS / PRODUCT SUBMITTALS / DOCUMENTS; OPERATION AND MAINTENANCE DATA; WARRANTIES; BONDS; OTHER TYPES AS INDICATED.
E. NUMBER OF COPIES OF SUBMITTALS: DOCUMENTS FOR REVIEW:SMALL SIZE SHEETS, NOT LARGER THAN 8-1/2 X 11 INCHES:SUBMIT THE NUMBER OF COPIES WHICH THE THE CONTRACTOR REQUIRES, PLUS TWO COPIES WHICH WILL BE RETAINED BY THE HERBST-MUSCIANO. LARGER SHEETS, NOT LARGER THAN 22X 34: SUBMIT THE NUMBER OF OPAQUE REPRODUCTIONS WHICH THE CONTRACTOR REQUIRES, PLUS TWO COPIES WHICH WILL BE RETAINED BY HERBST-MUSCIANO LLC.

1.04 SUBMITTAL PROCEDURES
A. TRANSMIT EACH SUBMITTAL WITH CONTRACTOR TRANSMITTAL. AIA FORM G810 OR APPROVED EQUAL.
B. SEQUENTIALLY NUMBER THE TRANSMITTAL FORM. REVISE SUBMITTALS WITH ORIGINAL NUMBER AND A SEQUENTIAL ALPHABETIC SUFFIX.
C. IDENTIFY PROJECT, THE CONTRACTOR, SUBCONTRACTOR OR SUPPLIER; PERTINENT DRAWING AND DETAIL NUMBER, AND SPECIFICATION SECTION NUMBER, AS APPROPRIATE ON EACH COPY.
D. APPLY THE CONTRACTOR'S STAMP, SIGNED OR INITIALED CERTIFYING THAT REVIEW, APPROVAL, VERIFICATION OF PRODUCTS REQUIRED, FIELD DIMENSIONS. ADJACENT CONSTRUCTION WORK, AND COORDINATION OF INFORMATION IS IN ACCORDANCE WITH THE REQUIREMENTS OF THE WORK AND CONTRACT DOCUMENTS. WITHOUT CONTRACTOR'S STAMP - NO REVIEW BY A/E
E. DELIVER SUBMITTALS TO HERBST-MUSCIANO LLC AT BUSINESS ADDRESS.
F. SCHEDULE SUBMITTALS TO EXPEDITE THE PROJECT, AND COORDINATE SUBMISSION OF RELATED ITEMS.
G. FOR EACH SUBMITTAL FOR REVIEW, ALLOW 10 DAYS EXCLUDING DELIVERY TIME TO AND FROM THE CONTRACTOR.
H. IDENTIFY VARIATIONS FROM CONTRACT DOCUMENTS AND PRODUCT OR SYSTEM LIMITATIONS, WHICH MAY BE DETRIMENTAL TO SUCCESSFUL PERFORMANCE OF THE COMPLETED WORK.
I. PROVIDE SPACE FOR THE CONTRACTOR AND HERBST-MUSCIANO LLC "REVIEW" STAMPS.
J. WHEN REVISED FOR RESUBMISSION, IDENTIFY ALL CHANGES MADE SINCE PREVIOUS SUBMISSION.
K. DISTRIBUTE COPIES OF REVIEWED SUBMITTALS AS APPROPRIATE. INSTRUCT PARTIES TO PROMPTLY REPORT ANY INABILITY TO COMPLY WITH REQUIREMENTS.
L. SUBMITTALS NOT REQUESTED WILL NOT BE RECOGNIZED OR PROCESSED.
M. CONTRACTOR'S RESPONSIBILITY FOR ERRORS, OMISSIONS, AND/OR DEVIATIONS IN SUBMITTALS FROM CONTRACT DOCUMENTS SHALL NOT BE RELIEVED BY ARCHITECT'S REVIEW.
N. CONTRACTOR SHALL KEEP COPIES OF ALL SHOP DRAWINGS ON-SITE AT ALL TIMES FOR REFERENCE BY ALL TRADES / CONTRACTORS.

1.05 STANDARDS AND REFERENCES
A. OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION (OSHA) 29CRF1910 "SAFETY & HEALTH STANDARD"
B. AMERICANS WITH DISABILITIES ACT (ADA) PUBLIC LAW 102-336.
C. CONSUMER PRODUCT SAFETY COMMISSION "ARCHITECTURAL GLAZING MATERIAL: 16 CRF PART 1201
D. BARRIER-FREE SUBCODE 5:23-7 & ANSI 117.1-2003
E. CONNECTICUT CONSTRUCTION CODES (IBC- 2012 EDITION)

1.06 JOB CONDITIONS
A. PERMITS: OBTAIN ANY NECESSARY CERTIFICATES OR LICENSES AND PAY ALL PERMIT FEES NECESSARY FOR THE EXECUTION OF THE WORK. MAKE ARRANGEMENTS WITH PRIVATE UTILITY COMPANIES AND PAY FOR ANY PERMITS OR CONNECTIONS FEES NECESSARY TO OBTAIN SERVICE.
B. ORDINANCES: WORK SHALL BE IN STRICT COMPLIANCE AND IN ACCORDANCE WITH THE REQUIREMENTS OF LOCAL, STATE, FEDERAL, AND MUNICIPAL CODES & ORDINANCES, AS WELL AS ANY OTHER GOVERNMENTAL AUTHORITIES WHO HAVE LAWFUL JURISDICTION OVER THE WORK.
C. TRADES AND SUB-CONTRACTS: ALL WORK SHALL BE PERFORMED AS AN INTEGRAL PART OF THE PROJECT. ANY REFERENCE TO WORKMEN, INSTALLER, TRADES, SUBCONTRACTOR, OR OTHER SIMILAR EXPRESSIONS SHALL BE INTERPRETED AS APPLYING TO THE VARIOUS TRADES EMPLOYED ON THE PROJECT BY THE GENERAL CONTRACTOR AND SUBJECT TO HIS DIRECTION AND SUPERINTENDENT.
D. DIVISION OF WORK: NO ATTEMPT HAS BEEN MADE TO DIVIDE THE DRAWINGS INTO AREAS OF RESPONSIBILITY FOR THE VARIOUS TRADES. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO D

SECTION 01 30 00 ADMINISTRATIVE REQUIREMENTS (CONTINUE)

2.02 DEFECTIVE MATERIALS
A. ANY MATERIALS THAT HAVE BEEN FOUND NOT TO BE IN COMPLIANCE WITH THE CONTRACT DOCUMENTS SHALL BE REMOVED FROM THE SITE IMMEDIATELY AFTER NOTIFICATION BY THE ARCHITECT, UNLESS ARRANGEMENTS HAVE BEEN MADE TO ALLOW REPAIR OF THE PRODUCT AT THE CONSTRUCTION SITE.

PART 3 - EXECUTION
3.01 PROGRESS SCHEDULES
A. UNLESS OTHERWISE NOTED ON BIDDING DOCUMENTS, CONTRACTOR SHALL SUBMIT FIVE (5) COPIES OF HIS WORK PROGRESS SCHEDULE WITHIN FIVE (5) DAYS AFTER THE NOTICE TO PROCEED. THE SCHEDULE SHALL INCLUDE THE DATE ON WHICH WORK WILL BE STARTED ON EACH MAJOR ACTIVITY AND THE ANTICIPATED DATE FOR THE COMPLETION OF THE ACTIVITY. THE SCHEDULE IS TO BE IN THE FORM OF A TIME SCALED BAR CHART OR CRITICAL PATH CHART WHICH INDICATES GRAPHICALLY THE WORK SCHEDULED AT ANY TIME DURING THE PROJECT. THE GRAPH IS TO INDICATE THE ACTIVITY, START AND STOP DATES AND SHALL CLEARLY INDICATE BY GRAPHICAL MEANS, THE CRITICAL PATH FOR WORK TO COMPLETE THE PROJECT
B. ARRANGE SCHEDULE WITH NOTATIONS TO SHOW HOW SEQUENCE OF WORK IS AFFECTED BY REQUIREMENTS FOR WORK BY SEPARATE CONTRACTORS, WORK BY OWNER, IF ANY, LONG-LEAD PURCHASED MATERIALS, AND LIMITATIONS OF CONTINUED OCCUPANCIES, NON-INTERRUPTIBLE SERVICES, PARTIAL OCCUPANCY PRIOR TO SUBSTANTIAL COMPLETION, SITE RESTRICTIONS, SEASONAL VARIATIONS, ENVIRONMENTAL CONTROL, AND SIMILAR PROVISIONS OF THE TOTAL PROJECT.
C. AS THE WORK PROGRESSES, THE CONTRACTOR SHALL ENTER ON THE CHART THE ACTUAL PROGRESS AT THE END OF EACH PARTIAL PAYMENT PERIOD. THE SCHEDULE SHALL BE REVISED TO INDICATE ANY ADJUSTMENTS IN CONTRACT TIME APPROVED BY CHANGE ORDER. SUBMIT COPY OF THE UPDATED PROGRESS SCHEDULE WITH EACH PERIODICAL ESTIMATE FOR PARTIAL PAYMENT.
D. AT ANY TIME THE PROJECT SCHEDULE INDICATES THAT THE CONTRACTOR HAS FALLEN MORE THAN TEN (10) DAYS BEHIND SCHEDULE, THE CONTRACTOR SHALL SUBMIT A WRITTEN NOTICE TO OWNER THAT INDICATES THE ACTION THAT THE CONTRACTOR PROPOSES TO TAKE TO BRING THE PROJECT BACK ON SCHEDULE.

3.02 PAYMENT SCHEDULE
A. "SCHEDULE OF VALUES"
1. UNLESS OTHERWISE NOTED ON BIDDING DOCUMENTS, THE CONTRACTOR SHALL PREPARE AND SUBMIT SCHEDULE OF VALUES WITHIN FIVE (5) DAYS AFTER "NOTICE TO PROCEED" TO THE ARCHITECT FOR REVIEW AND APPROVAL. USE ON APPROVED OWNER FORMS, IF NOT AVAILABLE, USE AIA DOCUMENT G703. PROVIDE BREAKDOWN OF THE CONTRACT SUM IN SUFFICIENT DETAIL TO FACILITATE CONTINUED EVALUATION OF PAYMENT REQUESTS. PROVIDE A BREAKDOWN FOR ANY ITEMS WHICH MAY BE REQUESTED BY THE ARCHITECT. THIS SCHEDULE SHALL BE INITIALLY SUBMITTED IN ROUGH DRAFT FORM FOR REVIEW BY THE ARCHITECT. UPON APPROVAL SUBMIT THE SCHEDULE OF VALUES AS A RECORD SET.
2. FORMAT: SUBMIT LINE ITEMS FOR ALL PHASES, MATERIALS, ETC OF THE WORK. IDENTIFY EACH LINE ITEM COST WITH NUMBER AND TITLE OF THE SPECIFICATION SECTION. IDENTIFY SITE MOBILIZATION, DEMOBILIZATION, CLOSEOUT DOCUMENTS, AND GENERAL CONDITIONS.
3. INCLUDE SEPARATELY FROM EACH LINE ITEM, A DIRECT PROPORTIONAL AMOUNT OF THE CONTRACTOR'S OVERHEAD AND PROFIT.
4. REVISE SCHEDULE TO LIST APPROVED CHANGE ORDERS, WITH EACH APPLICATION FOR PAYMENT.
5. CONTRACTOR SHALL SUBMIT AN UPDATED SCHEDULE OF VALUES ALONG WITH EACH MONTH'S REQUEST FOR PARTIAL PAYMENT IN ACCORDANCE WITH GENERAL CONDITIONS. PRIOR TO SUBMITTAL OF FIRST APPLICATION FOR PAYMENT, CONTRACTOR SHALL SUBMIT A PAYMENT SCHEDULE, WHICH IDENTIFIES THE APPROXIMATE AMOUNT OF EACH MONTHLY APPLICATION FOR PAYMENT. THIS LIST IS FOR THE OWNER'S CONVENIENCE FOR ARRANGING FOR FUNDS AND WILL NOT LIMIT ACTUAL FUNDS FOR MONTHLY PAYMENT REQUESTS. FUNDS ESTIMATED FOR THIS PURPOSE SHALL BE CONTRACTOR'S BEST "GOOD FAITH EFFORT". THIS SCHEDULE WILL BE REVIEWED AND UPDATED EACH THREE MONTHS TO REFLECT CURRENT ESTIMATE OF FUNDS NEEDED.
B. PAYMENT REQUESTS:
1. THE PAYMENT REQUEST CYCLE IS TO BE REGULAR. EACH APPLICATION MUST BE CONSISTENT WITH PREVIOUS APPLICATIONS AND PAYMENTS. CERTAIN APPLICATIONS FOR PAYMENT, SUCH AS THE INITIAL APPLICATION, THE APPLICATION AT SUBSTANTIAL COMPLETION, AND THE FINAL PAYMENT APPLICATION INVOLVE ADDITIONAL REQUIREMENTS.
2. APPLICATION FORM: USE OWNER'S FORMS-IF NOT AVAILABLE, USE AIA DOCUMENT G702 AND CONTINUATION SHEET G703. ALSO, INCLUDE RELEASE OF WAIVER FOR SUB-CONTRACTOR WORK.
3. APPLICATION PREPARATION: COMPLETE EVERY ENTRY PROVIDED FOR ON THE FORM, INCLUDING NOTARIZATION AND EXECUTION BY AUTHORIZED PERSONS. INCOMPLETE APPLICATIONS WILL BE RETURNED BY THE ARCHITECT WITHOUT ACTION. ENTRIES MUST MATCH CURRENT DATA OF THE SCHEDULE OF VALUES, AND SHALL BE CORRELATED WITH PREVIOUS APPLICATIONS. LISTING MUST INCLUDE AMOUNTS OF CHANGE ORDERS ISSUED PRIOR TO THE LAST DAY OF THE "PERIOD OF CONSTRUCTION" COVERED BY APPLICATION.
C. FINAL PAYMENT APPLICATION:
THE ADMINISTRATIVE ACTIONS AND SUBMITTALS WHICH MUST PRECEDE OR COINCIDE WITH SUBMITTAL OF FINAL PAYMENT APPLICATION CAN BE SUMMARIZED AS FOLLOWS, BUT NOT NECESSARILY BY WAY OF LIMITATION.
1. COMPLETION OF PROJECT CLOSEOUT REQUIREMENTS, INCLUDING ALL WARRANTIES.
2. COMPLETION OF ITEMS SPECIFIED FOR COMPLETION BEYOND TIME OF SUBSTANTIAL COMPLETION (REGARDLESS OF WHETHER SPECIAL PAYMENT APPLICATION WAS PREVIOUSLY MADE.)
3. ASSURANCE, SATISFACTORY TO OWNER THAT UNSETTLED CLAIMS WILL BE SETTLED AND THAT WORK NOT ACTUALLY COMPLETED AND ACCEPTED WILL BE COMPLETED WITHOUT UNDUE DELAY.
4. TRANSMITTAL OF REQUIRED PROJECT CONSTRUCTION RECORDS/CLOSEOUT DOCUMENTS TO OWNER. (DWG TSP-1, SECTION 01040, 103.E)
5. PROOF, SATISFACTORY TO OWNER, THAT TAXES, FEES AND SIMILAR OBLIGATIONS OF CONTRACTOR HAVE BEEN PAID.
6. REMOVAL OF TEMPORARY FACILITIES, SERVICES, SURPLUS MATERIALS, RUBBISH AND SIMILAR ELEMENTS.
7. CHANGE OVER OF DOOR LOCKS AND OTHER CONTRACTOR'S ACCESS PROVISIONS TO OWNER'S PROPERTY.
8. FINAL CLEANING UP IS ACCEPTABLE TO THE OWNER AND SIGNED OFF.
9. CONTRACTOR'S AFFIDAVIT OF RELEASE OF LIENS (AIA DOC. G706A).
10. CONTRACTOR'S AFFIDAVIT OF PAYMENT OF DEBTS & CLAIMS (AIA DOCUMENT G706).
11. SUBMIT AFFIDAVIT'S OF ITEM 9, AND 10 ABOVE FROM (BY) ALL SUB-CONTRACTORS WORK.
12. CONTRACTOR SUBMIT STATEMENT THAT ALL WORK IS PERFORMED IN ACCORDANCE WITH LOCAL & STATE CONSTRUCTION CODES.

3.03 REQUEST FOR INFORMATION (RFI)
A. CONTRACTOR SHALL USE THE PROCEDURES LISTED HEREIN FOR OBTAINING PROJECT INFORMATION. WHEN CONTRACTOR FINDS IT NECESSARY TO REQUEST ADDITIONAL INFORMATION, INTERPRETATIONS OF THE CONTRACT DOCUMENTS, OR WHEN THERE APPEARS TO BE A CONFLICT BETWEEN THE DRAWINGS AND SPECIFICATIONS, HE SHALL IDENTIFY THE CONFLICT AND REQUEST CLARIFICATION IN WRITING. USING THE FORMS OR FORMAT DETERMINED BY THE ARCHITECT. ALL RFIS SHALL BE COPIED TO THE ARCHITECT'S PROJECT MANAGER.

3.04 CONTRACTOR'S MODIFICATION REQUEST
A. NO CHANGE IN THE CONTRACT DOCUMENTS WILL BE PERMITTED UNLESS APPROVED IN WRITING BY THE OWNER. SUBMIT A REQUEST TO THE ARCHITECT FOR APPROVAL FOR ANY CHANGE OR DEVIATION TO THE CONTRACT DOCUMENTS BY USING A CONTRACTOR'S MODIFICATION REQUEST (CMR) FORM.
B. EACH CMR SHALL BE DATED AND HAVE AN UNIQUE TRACKING NUMBER ASSIGNED TO IT.

3.05 SUBSTITUTIONS
A. A SUBSTITUTION IS ANY PRODUCT NOT MENTIONED BY NAME, MANUFACTURER AND/OR MODEL NUMBER IN THE CONTRACT DOCUMENT, AND WHICH IS NOT FOLLOWED BY THE PHRASES "OR EQUAL" OR "OR APPROVED" EQUAL".
B. A SUBSTITUTION IS CONSIDERED TO BE A DEVIATION TO THE CONTRACT DOCUMENTS AND MUST BE SUBMITTED TO THE ARCHITECT FOR APPROVAL ON A CMR FORM INITIATED BY THE CONTRACTOR.
C. SUBSTITUTIONS GENERALLY WILL BE ACCOMPANIED BY A CREDIT TO THE OWNER.

3.06 CHANGE ORDERS ("CO")
A. ANY MODIFICATIONS TO THE CONTRACT DOCUMENTS MADE AFTER THE AGREEMENT IS EXECUTED MUST BE ACCOMPANIED BY A CHANGE ORDER, APPROVED AND SIGNED BY OWNER. CHANGE ORDERS WILL BE INITIATED BY THE A/E, USING AIA DOCUMENT G709, PROPOSAL REQUEST. THE A/E WILL PREPARE A CHANGE ORDER, USING OWNER'S FORM OR AIA DOCUMENT G701. NO WORK IS TO PROCEED ON MODIFICATIONS COVERED BY CHANGE ORDER UNTIL OWNER HAVE APPROVED AND EXECUTED THE DOCUMENT.

3.07 DAILY REPORTS
A. DAILY REPORTS: CONTRACTOR FOR GENERAL CONSTRUCTION SHALL PREPARE A DAILY REPORT, RECORDING THE FOLLOWING INFORMATION CONCERNING EVENTS AT THE SITE; & SUBMIT DUPLICATE COPIES TO OWNER'S REPRESENTATIVE, AT REGULAR INTERVALS NOT EXCEEDING WEEKLY INTERVALS.
1. LIST OF PRIME CONTRACTORS, SUBCONTRACTORS AND SEPARATE NON-PRIME CONTRACTORS AT THE SITE.
2. APPROXIMATE COUNT OF PERSONNEL AT THE SITE.
3. HIGH/LOW TEMPERATURES, GENERAL WEATHER CONDITIONS.
4. ACCIDENTS (REFER TO ACCIDENT REPORTS)
5. MEETINGS AND OTHER SIGNIFICANT DECISIONS.
6. UNUSUAL EVENTS (REFER TO SPECIAL REPORTS).
7. STOPPAGES, DELAYS, SHORTAGES, LOSSES.
8. EMERGENCY PROCEDURES, FIELD ORDERS.
9. ORDERS/REQUESTS BY GOVERNING AUTHORITIES.
10. CHANGE ORDERS RECEIVED, IMPLEMENTED.
11. SERVICES CONNECTED, DISCONNECTED.

END OF SECTION

SECTION 01 31 00 PROJECT MANAGEMENT & COORDINATION
PART 1 - GENERAL
1.01 WORK INCLUDES:
A. PERFORM THE ADMINISTRATIVE JOB SITE RELATED TASKS NECESSARY FOR THE PROPER CONDUCT OF THE WORK AS INDICATED IN THIS SECTION AND COMPLY W/GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION.

1.02 QUALITY ASSURANCE:
A. WORKMANSHIP: ALL WORK UNDER THIS CONTRACT SHALL BE PERFORMED IN A SKILLFUL AND WORKMANLIKE MANNER. CONTRACTOR SHALL EMPLOY COMPETENT WORKMEN, SKILLED IN THE OCCUPATION FOR WHICH THEY ARE EMPLOYED. ARCHITECT AND/OR OWNER'S REPRESENTATIVE SHALL BE THE FINAL AUTHORITY TO DETERMINE IF THE QUALITY OF WORK IS ACCEPTABLE. ARCHITECT AND/OR OWNER'S REPRESENTATIVE MAY REQUIRE, IN WRITING, THAT THE CONTRACTOR REMOVE FROM THE WORK ANY EMPLOYEE ARCHITECT AND/OR OWNER'S REPRESENTATIVE DEEMS INCOMPETENT, CARELESS, OR OTHERWISE OBJECTIONABLE. CONTRACTOR SHALL PROMPTLY REMOVE ANY EMPLOYEE SO DESIGNATED.
B. COORDINATION: THE CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES EMPLOYED ON THE PROJECT TO ASCERTAIN THAT WORK OF EACH IS IN HARMONY WITH WORK INSTALLED BY OTHER TRADES. AVOID CONFLICTS BETWEEN TRADES. ASSIGN SPECIFIC LOCATIONS FOR THE INSTALLATION OF EACH SYSTEMS & SET PRECEDENTS FOR ONE SYSTEM OVER THE OTHERS.
1. SUBCONTRACTORS SHALL COORDINATE THEIR WORK WITH THAT OF OTHER TRADES AND FULLY COOPERATE WITH THE GENERAL CONTRACTOR. OTHER SUBCONTRACTORS, AND SUPPLIERS TOWARD THE COMPLETION OF THE ENTIRE CONSTRUCTION IN AN ORDERLY FASHION. SUBCONTRACTORS SHALL PERFORM THEIR OPERATIONS IN SUCH MANNER AS TO PROTECT THE WORK OF OTHERS, SHALL PERFORM ALL SUCH FITTING AND PATCHING AS NECESSARY TO CONNECT AND FIT THEIR WORK WITH THE WORK OF OTHERS, SHALL PERMIT AND FACILITATE INSPECTIONS BY OWNER, ARCHITECT, GENERAL CONTRACTOR AND GOVERNMENTAL AUTHORITIES AT ALL REASONABLE TIMES, AND SHALL FOLLOW THE GENERAL CONTRACTOR'S DIRECTIONS IN THE PERFORMANCE OF THE WORK.
C. FIELD MEASUREMENTS:
1. CONTRACTOR IS RESPONSIBLE FOR MAKING COMPLETE FIELD MEASUREMENTS AND TO CHECK ALL DIMENSIONS AT THE JOB SITE FOR COMPONENTS REQUIRING FIT TO SURROUNDING CONDITIONS. CHECK SHOP DRAWINGS/INDICATE THE ACTUAL DIMENSION AVAILABLE AT ALL LOCATIONS.
2. IN THE EVENT THAT FIELD MEASUREMENTS ARE DIFFERENT FROM DIMENSIONS NOTED ON THE DRAWINGS, NOTIFY THE ARCHITECT FOR ADJUSTMENTS BEFORE PROCEEDING WITH THE WORK. NOTIFY ANY SUPPLIER WHOSE PRODUCT MIGHT BE AFFECTED BY THE DIMENSION VARIANCE, AND COORDINATE ANY MODIFICATIONS THAT MAY BE NECESSARY.
3. CAREFULLY CHECK AND COORDINATE THE LOCATION AND THE LEVEL OF ALL PIPES, DUCTS, ETC. RUN PRELIMINARY LEVELS AND CHECK WITH ALL OTHER CONTRACTORS SO THAT POTENTIAL CONFLICTS IN ALL LOCATIONS WILL BE AVOIDED. WHERE CONFLICTS OCCUR, THE ARCHITECT RESERVES THE RIGHT TO CHANGE THE LOCATION OF ANY EQUIPMENT 5 FEET, AND ANY PIPING, DUCTWORK, CONDUIT, ETC., 10 FEET IN ANY DIRECTION WITHOUT EXTRA CHARGE, PROVIDED SUCH CHANGES ARE MADE BEFORE INSTALLATION.
D. SUBMITTALS: SUBMITTALS SHALL BE IN ACCORDANCE AND SHALL INCLUDE COPIES OF MANUFACTURER'S PRINTED INSTRUCTIONS FOR INSTALLATION OF PRODUCTS AS WELL AS APPROVED SHOP DRAWINGS, SAMPLES AND OTHER SUBMITTALS.
E. SUPERINTENDENT: CONTRACTOR MUST HIRE A QUALIFIED AND EXPERIENCE PROJECT SUPERINTENDENT PERMANENTLY ASSIGNED TO THIS PROJECT. THE SUPERINTENDENT MUST BE ON SITE DURING ALL WORK OPERATIONS.

1.03 STANDARDS AND REFERENCES
A. COMPLY WITH APPLICABLE CONSTRUCTION INDUSTRY STANDARDS AS IF BOUND OR COPIED DIRECTLY INTO THE CONTRACT DOCUMENTS REGARDLESS OF LACK OF REFERENCE IN THE CONTRACT DOCUMENTS. APPLY PROVISIONS OF THE CONTRACT DOCUMENTS WHERE CONTRACT DOCUMENTS INCLUDE MORE STRINGENT REQUIREMENTS THAN THE REFERENCED STANDARDS.
1. STANDARDS REFERENCED DIRECTLY IN THE CONTRACT DOCUMENTS TAKE PRECEDENCE OVER STANDARDS THAT ARE NOT REFERENCED BUT RECOGNIZED IN THE CONSTRUCTION INDUSTRY AS APPLICABLE.
2. COMPLY WITH STANDARDS NOT REFERENCED BUT RECOGNIZED IN THE CONSTRUCTION INDUSTRY AS APPLICABLE FOR PERFORMANCE OF THE WORK EXCEPT AS OTHERWISE LIMITED BY THE CONTRACT DOCUMENTS. THE ARCHITECT SHALL DETERMINE WHETHER CODE OR STANDARD IS APPLICABLE, OR WHICH OF SEVERAL ARE APPLICABLE.
B. WHEN A STANDARD IS REFERRED IN AN INDIVIDUAL SPECIFICATION SECTION BUT IS NOT LISTED BY TITLE AND DATE, IT SHALL BE UNDERSTOOD THAT THE REFERENCE REFERS TO THE LATEST EDITION WITH ALL AMENDMENTS.
C. TRADE ASSOCIATION NAMES AND TITLE OF GENERAL STANDARDS ARE FREQUENTLY ABBREVIATED. ACRONYMS OR ABBREVIATIONS USED IN THE CONTRACT DOCUMENTS MEAN THE RECOGNIZED NAME OF TRADE ASSOCIATION. STANDARDS GENERATING ORGANIZATION, AUTHORITY HAVING JURISDICTION, OR OTHER ENTITY APPLICABLE IN THE CONTEXT OF THE CONTRACT DOCUMENTS. REFER TO "ENCYCLOPEDIA OF ASSOCIATIONS," PUBLISHED BY GALE RESEARCH COMPANY.
D. MAKE COPIES OF REFERENCE STANDARDS AVAILABLE AS REQUESTED BY ARCHITECT OR OWNER.

1.04 DELIVERY HANDLING AND STORAGE
A. DELIVERY OF MATERIALS SHALL BE IN ACCORDANCE WITH THE CONTRACTOR'S SCHEDULE OF WORK. MATERIAL SHALL BE DELIVERED TO THE SITE IN SEQUENCE WITH THE WORK BEING PERFORMED TO PREVENT DELAYS. MATERIALS SHALL NOT BE DELIVERED TO THE SITE EXCESSIVELY LONG IN ADVANCE OF THEIR NEED, UNLESS SPACE HAS BEEN PROVIDED FOR STORAGE OF THE MATERIALS.
B. PACKAGED MATERIALS SHALL BE DELIVERED TO SITE IN ORIGINAL UNDAMAGED CONTAINERS WITH IDENTIFYING LABELS ATTACHED. MATERIALS SHALL REMAIN IN PACKAGES OR OTHER CONTAINERS UNTIL INSTALLED, EXCEPT THAT CONTRACTOR MAY OPEN CARTONS AS NECESSARY TO CHECK FOR DAMAGE OR TO VERIFY INVOICES. AFTER EXAMINATION, RESEAL CARTONS AND STORE UNTIL USED.
C. PROVIDE SUITABLE STORAGE AND APPROPRIATE SECURITY FOR ALL MATERIALS. EQUIPMENT NOT AFFECTED BY WEATHER CONDITIONS MAY BE STORED OUTDOORS ON RAISED PLATFORMS ABOVE GRADE AND COVERED WITH WEATHER RESISTANT COVERINGS. LIGHTWEIGHT MATERIALS SHALL BE WEIGHTED TO PREVENT WIND DAMAGE.
D. EQUIPMENT THAT MIGHT BE AFFECTED BY THE WEATHER, INCLUDING ELECTRICAL COMPONENTS AND FINISH MATERIALS SHALL BE STORED UNDER COVER INSIDE BUILDINGS OR INSIDE STORAGE SHEDS.
E. FURNISH AND MAINTAIN DOLLIES, LIFTS, HOISTS, CRANES AND OTHER EQUIPMENT AS NECESSARY TO UNLOAD AND HANDLE MATERIALS AND EQUIPMENT AT THE CONSTRUCTION SITE. EQUIPMENT SHALL BE MAINTAINED IN A SAFE AND SUBSTANTIAL MANNER AND SHALL MEET THE REQUIREMENTS OF STATE AND LOCAL AUTHORITIES AND BE APPROVED BY CONTRACTOR'S INSURANCE CARRIER.
F. EQUIPMENT SHALL BE STORED IN A MANNER TO PREVENT OVERLOADING ANY PART OF THE STRUCTURE, NOR SHALL STORAGE INTERFERE WITH THE TIMELY EXECUTION OF THE WORK, OR INTERFERE WITH THE SAFE EXECUTION OF THE WORK.
G. FLAMMABLE MATERIALS, EXPLOSIVES, OR OTHER HAZARDOUS MATERIALS WILL NOT BE STORED INSIDE THE BUILDING OR ON SITE AT ANY TIME.

1.05 JOB CONDITIONS
A. REFERENCE DATA AND CONTROL POINTS: THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE LAYOUT OF THE WORK.THE CONTRACTOR SHALL ESTABLISH A PERMANENT BENCHMARK AND HORIZONTAL CONTROL POINTS, WHICH SHALL BE MAINTAINED UNTIL THE PROJECT IS COMPLETE. ESTABLISH SECONDARY BENCHMARKS AS REQUIRED TO CONTROL CONSTRUCTION GRADES. PERIODICALLY VERIFY SECONDARY REFERENCE POINTS AGAINST THE PERMANENT BENCHMARK. CONTRACTOR SHALL AT HIS OWN EXPENSE ESTABLISH LINES AND ELEVATIONS AS NEEDED DURING CONSTRUCTION, INCLUDING FURNISHING THE SERVICES OF COMPETENT PROFESSIONAL PERSONNEL, AND EQUIPMENT, INCLUDING ACCURATE SURVEYING INSTRUMENTS, STAKES, PLATFORMS, TOOLS, AND OTHER MATERIALS AS MAY BE REQUIRED.
B. CONTRACTORS USE OF PROJECT SITE:
1. CONTRACTOR SHALL LIMIT THE USE OF THE SITE FOR WORK AND STORAGE TO THOSE AREAS DESIGNATED FOR HIS USE. HE SHALL COORDINATE THE DESIGNATED SPACE AS DIRECTED BY THE ARCHITECT AND SHALL ASSIGN AREAS FOR MATERIAL STORAGE FOR HIS SUBCONTRACTORS.
2. PARKING FOR EQUIPMENT AND EMPLOYEES VEHICLES SHALL BE IN DESIGNATED AREAS ONLY, AND COMPLY WITH OWNER'S RULES AND REGULATIONS. CONTRACTOR SHALL INSTRUCT HIS EMPLOYEES IN TRAVEL ROUTES AND PARKING REQUIREMENTS.
3. ANY DAMAGE TO THE EXISTING FACILITIES, INCLUDING CONTAMINATION, CAUSED BY THE CONTRACTOR OR HIS SUBCONTRACTOR, SUPPLIES, MATERIALS, EQUIPMENT OR EMPLOYEES SHALL BE REPAIRED OR CORRECTED AT HIS EXPENSE TO A CONDITION THAT EXISTED PRIOR TO HIS OCCUPANCY OF THE SITE.
C. FIRE PROTECTION:
1. MAINTAIN FIRE EXTINGUISHERS AT CONSTRUCTION SITE IN SUFFICIENT NUMBER TO ADEQUATELY PROTECT THE STRUCTURES DURING CONSTRUCTION. PROVIDE AT LEAST ONE FIRE EXTINGUISHER AT EACH CONSTRUCTION OFFICE. PROVIDE AT LEAST ONE FIRE EXTINGUISHER FOR WELDERS OR OTHER TRADES USING OPEN FLAMES IN THE EXECUTION OF THEIR WORK.
2. MAINTAIN THE TELEPHONE NUMBER OF THE LOCAL FIRE DEPARTMENT. KEEP NUMBER POSTED CONSPICUOUSLY NEAR TELEPHONE.

1.06 SPECIFICATION TERMINOLOGY
A. THE USE OF THE TERMS "ARCHITECT / ENGINEER" SHALL MEAN HERBST MUSCIANO, LLC. 611 MAIN STREET. SECOND FLOOR SUITE, BOONTON, NJ 07005, OR ITS DESIGNATED REPRESENTATIVE.
B. THE TERM "OWNER" IMPLIES LINCOLN TECHNICAL INSTITUTE AND LINCOLN EDUCATIONAL SERVICES
C. THE TERM "CONTRACTOR" SHALL MEAN GENERAL CONTRACTOR FOR OVERSEEING OF THE CONSTRUCTION.
D. "REQUIRE" AND WORDS OF SIMILAR VALUE SHALL MEAN AS REQUIRED TO COMPLETE THE WORK, UNLESS OTHERWISE STATED.
E. "PERFORM" SHALL MEAN CONTRACTOR: AT HIS OWN EXPENSE, SHALL PERFORM OPERATIONS NECESSARY TO COMPLETE WORK.
F. "PROVIDE" SHALL MEAN CONTRACTOR, AT HIS OWN EXPENSE, SHALL FURNISH AND INSTALL WORK COMPLETE IN PLACE AND READY FOR USE.
G. "OTHER ACCEPTABLE MANUFACTURER", "APPROVED EQUAL", OR WORDS OF SIMILAR MEANING SHALL BE UNDERSTOOD TO BE FOLLOWED BY EXPRESSION "IN SOLE OPINION OF THE OWNER" EVEN THOUGH SUCH WORDS MAY NOT APPEAR IN PRINT, UNLESS OTHERWISE STATED.
H. "ACCEPTANCE", "ACCEPTABLE", OR WORDS OF SIMILAR MEANING SHALL MEAN ACCEPTABLE TO ARCHITECT OR OWNER. OWNER SHALL HAVE JURISDICTION AND MAY OVERRIDE DECISIONS OF OTHERS
I. "AT NO EXTRA COST TO OWNER", "WITH NO EXTRA COMPENSATION TO CONTRACTOR", "AT CONTRACTOR'S OWN EXPENSE, OR WORDS OF SIMILAR MEANING SHALL BE UNDERSTOOD TO MEAN THAT THE CONTRACTOR SHALL PERFORM OR PROVIDE SPECIFIED OPERATION OF WORK AT NO INCREASE TO CONTRACT SUM STATED IN EXECUTED CONTRACT.
J. "ACCEPTED" WHERE USED IN CONJUNCTION WITH ARCHITECT'S ACTION ON CONTRACTOR'S SUBMITTALS, AND REQUESTS, IS LIMITED TO RESPONSIBILITIES AND DUTIES OF ARCHITECT. SUCH APPROVAL DOES NOT RELEASE CONTRACTOR FROM RESPONSIBILITY TO FULFILL CONTRACT DOCUMENT REQUIREMENTS.
K. "REGULATION" INCLUDES LAWS, STATUTES, ORDINANCES, AND LAWFUL ORDERS ISSUED BY AUTHORITIES HAVING JURISDICTION, AS WELL AS. RULES, CONVENTIONS, AND AGREEMENTS WITHIN CONSTRUCTION INDUSTRY THAT CONTROL PERFORMANCE OF WORK, WHETHER THEY ARE LAWFULLY IMPOSED BY AUTHORITIES HAVING JURISDICTION OR NOT.
L. "INSTALLER" IS AN ENTITY ENGAGED BY CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR FOR PERFORMANCE OF PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCE IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.
M. THE TERM "EXPERIENCED," WHEN USED WITH THE TERM "INSTALLER", MEANS HAVING A MINIMUM FIVE (5) PREVIOUS PROJECT SIMILAR IN SIZE AND SCOPE TO THIS PROJECT, AND FAMILIAR WITH PRECAUTIONS REQUIRED, AND HAS COMPLIED WITH REQUIREMENTS OF AUTHORITY HAVING JURISDICTION.
N. "PROJECT SITE" IS THE SPACE AVAILABLE TO THE CONTRACTOR FOR PERFORMANCE OF WORK, EITHER EXCLUSIVELY OR IN CONJUNCTION WITH OTHERS PERFORMING CONSTRUCTION AS PART OF THE PROJECT. EXTENT OF PROJECT SITE IS SHOWN ON CONTRACT DRAWINGS, AND MAY OR MAY NOT BE IDENTICAL WITH DESCRIPTION OF LAND UPON WHICH THE PROJECT IS TO BE BUILT.
O. "TESTING LABORATORY" IS AN INDEPENDENT ENTITY IS ENGAGED TO PERFORM SPECIFIC INSPECTIONS OR TESTS, EITHER AT THE PROJECT SITE OR ELSEWHERE, AND TO REPORT ON, TO INTERPRET RESULTS OF THOSE INSPECTIONS OR TESTS AS REQUIRED.
P. "BOD" MEANS BENEFICIAL OCCUPANCY DATE WHICH IS THE DATE OF SUBSTANTIAL COMPLETION/CERTIFICATE OF OCCUPANCY
Q. GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION MEANS THE CONDITIONS AS ISSUED BY THE OWNER UNDER THE SIGNED CONTRACT FOR CONSTRUCTION.

PART 2 - PRODUCTS
2.01 MATERIALS
A. MATERIALS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE INDIVIDUAL SECTIONS. ALL MATERIALS SHALL BE NEW AND OF THE QUALITY INTENDED.

PART 3 - EXECUTION
3.01 PROTECTION OF PROPERTY
A. PROTECT EXISTING STRUCTURES FROM DAMAGE DURING DEMOLITION. ANY BUILDING OR STRUCTURE THAT IS DAMAGED IN THE PERFORMANCE OF THIS CONTRACT SHALL BE RESTORED TO THE CONDITION MATCHING THE EXISTING STRUCTURE BEFORE DAMAGE.

3.02 STREETS AND ROADWAYS
A. MAINTAIN HIGHWAYS, STREETS AND THOROUGHFARES ACCESSIBLE AT ALL TIMES. DO NOT BLOCK ENTRANCES, DRIVEWAYS, AND FIRE LANES, LOADING DOCKS OR OTHER ACCESS AREAS. DO NOT BLOCK OR OTHERWISE INTERFERE WITH PATHWAYS TO BUILDING ENTRANCES OR EXITS.
B. IN THE EVENT THAT A STREET OR ROADWAY MUST BE BLOCKED DURING CONSTRUCTION, FIRST OBTAIN THE APPROVAL OF THE PROPER AUTHORITIES, AND THEN USE NO MORE OF THE AVAILABLE SPACE AS IS NECESSARY. REPAIR DAMAGE RESULTING FOR ACTIVITIES UNDER THIS CONTRACT AND RESTORE THE PAVEMENTS TO THE SAME CONDITION AS EXISTED BEFORE USAGE.

3.03 PRECAUTIONS DURING CONSTRUCTION
A. PROTECT EXISTING STRUCTURES FROM DAMAGE DURING CONSTRUCTION. IN THE EVENT THAT DAMAGE TAKES OCCUR, CONTRACTOR SHALL RESTORE THE STRUCTURE OR UTILITY TO ITS ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
B. REPAIR OR REPLACE STREET, DRIVEWAYS, FENCES, DRAINAGE STRUCTURES, SIDEWALKS, OR CURBS AND GUTTERS DAMAGED BY WORK UNDER THIS CONTRACT. STRUCTURES SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THE ORIGINAL CONDITION, AND SHALL BE OF A SIMILAR DESIGN CONSTRUCTED OF SIMILAR MATERIALS.

3.04 DISRUPTION TO SERVICES
A. IF ANY, DISRUPTION TO EXISTING UTILITIES, PIPING, OR ELECTRICAL SERVICES MUST BE HELD TO A MINIMUM. CONTRACTOR SHALL CAREFULLY PLAN WORK IN A MANNER THAT SUCH DISRUPTIONS ARE COORDINATED WITH THE ARCHITECT AND OWNER.
B. STORM SEWERS AND SANITARY SEWERS SHALL BE MAINTAINED IN SERVICE AT ALL TIMES. IN THE EVENT THAT BYPASSES NECESSARY TO DISRUPT ONE OF THE UTILITIES, PROVIDE TEMPORARY SERVICE AROUND THE CONSTRUCTION OR OTHERWISE CONSTRUCT THE STRUCTURE IN A MANNER THAT THE FLOW IS NOT CURTAILED.

3.05 SCAFFOLDING
A. CONTRACTOR SHALL FURNISH AND MAINTAIN SCAFFOLDING AS NEEDED DURING CONSTRUCTION. SCAFFOLDING SHALL BE SUBSTANTIAL AND SECURE, MEETING ALL REQUIREMENTS OF THE CONTRACTORS' INSURANCE AGENCY, LOCAL, STATE AND FEDERAL SAFETY REQUIREMENTS AND MUST CONFORM TO OCCUPATIONAL SAFETY AND HEALTH STANDARDS. (OSHA)

3.06 RLASTING NO BLASTING WILL BE PERMITTED AT THIS SITE.

3.07 WEATHER PROTECTION
A. PROVIDE AND MAINTAIN WINTER AND WEATHER PROTECTION WITH TARPAULINS OR POLYETHYLENE FILM SUPPORTED ON AND SECURED TO TEMPORARY FRAMEWORK AND SCAFFOLDING TO PROTECT ALL PARTS OF THE STRUCTURE AND CONTENTS FROM DAMAGE BY THE ELEMENTS, AND TO ENABLE NECESSARY CONCRETE AND OTHER WORK TO PROCEED IN COLD WEATHER.
B. TEMPORARY WEATHER CLOSURES SHALL BE INSTALLED, MAINTAINED AND SUBSEQUENTLY REMOVED AT EXTERIOR WALLS, PARAPETS, AND ROOF CONSTRUCTION. THESE CLOSURES SHALL BE INSTALLED

SECTION 01 50 00 TEMPORARY FACILITIES AND CONTROLS(CONTINUE)

F. SHUTDOWNS, TIE-INS OR ANY OTHER WORK AFFECTING THE OPERATION OF EXISTING BUILDING SYSTEMS OR ANY CRITICAL SERVICES SUCH AS ELECTRICAL SYSTEMS, HVAC OPERATION, SPRINKLER WORK, FIRE DETECTION SYSTEMS, ETC. SHALL BE PERFORMED IN ACCORDANCE WIOWNER RULES, REGULATIONS, & APPROVALS AND SHALL BE PERFORMED WITHIN THE HOURS AGREED UPON BY THE OWNER. ALL WORK ON THESE SYSTEMS CAN ONLY TAKE PLACE AFTER SCHEDULING WITH & RECEIVING APPROVAL FROM THE OWNER. DURATION OF ALL WORK ON CRITICAL BUILDING SERVICES SHALL BE KEPT TO THE MINIMUM.
G. ALL ACTIVE MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION SYSTEMS, INTENDED TO REMAIN, ARE TO BE FULLY PROTECTED FROM DAMAGE THROUGHOUT THIS PROJECT. EXISTING EXITS, EXIT LIGHTING, FIRE PROTECTION DEVICES, & ALARMS ARE TO BE CONTINUOUSLY MAINTAINED. ALL CONTRACTOR SHALL MAINTAIN A CLEAR PATH OF TRAVEL FOR UNOBSTRUCTED EGRESS IN THE CASE OF FIRE OR OTHER EMERGENCY IN ACCORDANCE WITH OWNER RULES, REGULATIONS, AND APPROVALS.

1.02 WORK INCLUDED
A. WORK OF THIS SECTION INCLUDES ALL LABOR, MATERIALS, EQUIPMENT AND SERVICES NECESSARY TO PROVIDE ALL NECESSARY TEMPORARY SERVICES AND PROCEDURES AS SHOWN ON THE DRAWINGS AND SPECIFIED HEREIN, INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:
1. TEMPORARY WATER & SANITARY FACILITIES.
2. TEMPORARY LIGHTING AND ELECTRICAL SERVICES.
3. TEMPORARY FACILITIES FOR THE CONSTRUCTION PERSONNEL.
4. TEMPORARY STORAGE FACILITIES.
5. TEMPORARY AND BUILDING PROTECTION

1.03. TEMPORARY UTILITIES: THE CONTRACTORS SHALL PROVIDE ALL REQUIRED TEMPORARY UTILITIES AND IF REQUIRED, PAY ASSOCIATED FEES & OPERATING COSTS. THE CONTRACTORS SHALL ARRANGE & COORDINATE FOR ALL REQUIRED TEMPORARY UTILITIES COMPLYING WITH OWNER (LINCOLN TECH.) REQUIREMENTS.] AND AT NO ADDITIONAL INCURRED COST TO OWNER.

1.04 JOB CONDITIONS
A. MAINTAIN TEMPORARY FACILITIES AND CONTROLS IN PROPER AND SAFE CONDITIONS THROUGHOUT THE PROGRESS OF THE WORK. MOVE, RELOCATE, RECONFIGURE TEMPORARY FACILITIES AS NECESSARY TO ACCOMMODATE PROGRESS OF THE WORK AND CONFORM TO OWNER SITE STAFF NEEDS.
B. EXACT LOCATION OF BUILDINGS AND SHEDS SHALL BE DETERMINED BY THE CONTRACTOR, SUBJECT TO OWNER OR ARCHITECT'S APPROVAL.
C. CONTRACTOR SHALL PAY FOR ALL UTILITIES USED BY TEMPORARY FACILITIES DURING CONSTRUCTION AND UNTIL SUCH TIME AS ESTABLISHED BY THE CERTIFICATE OF SUBSTANTIAL COMPLETION.
D. REMOVE ALL TEMPORARY FACILITIES AT COMPLETION OF THE PROJECT. RESTORE ANY DAMAGE CAUSED BY TEMPORARY FACILITIES.

PART 2 - PRODUCTS
2.01 TEMPORARY STORAGE BUILDINGS
A. AS REQUIRED, AND IF PERMITTED BY THE OWNER, FURNISH STORAGE BUILDINGS OF ADEQUATE SIZE TO STORE ANY MATERIALS OR EQUIPMENT DELIVERED TO THE SITE THAT MIGHT BE AFFECTED BY WEATHER. STORAGE SHEDS SHALL BE EITHER PREFABRICATED BUILDINGS OR MOBILE TRAILERS. CONTRACTOR SHALL PAY FOR THESE CHARGES.

2.02 TEMPORARY SANITARY FACILITIES
A. THE GENERAL CONTRACTOR SHALL PROVIDE FOR SEPARATE SANITARY FACILITIES FOR THE WORKERS AS REQUIRED BY OSHA AND IN ACCORDANCE WITH OWNER (LINCOLN TECH) & LOCAL HEALTH DEPARTMENT REQUIREMENTS AND REGULATIONS. PROVIDE PORTABLE SANITARY FACILITIES AT THE JOB SITE FROM THE COMMENCEMENT OF THE PROJECT TO ITS CONCLUSION. THESE FACILITIES SHALL BE MAINTAINED IN A CLEAN AND SANITARY CONDITION AT ALL TIMES, AND SHALL COMPLY WITH THE LOCAL HEALTH AUTHORITY REQUIREMENTS. CONTRACTOR SHALL PAY FOR THESE CHARGES.
B. THE CONTRACTOR'S WORKMEN SHALL USE THESE SANITARY FACILITIES AT ALL TIMES. REST ROOMS WITHIN EXISTING OWNER OCCUPIED BUILDINGS SHALL NOT BE USED. PORTABLE TOILETS SHALL BE MAINTAINED AND CLEANED ON A REGULAR BASIS.

2.03 TEMPORARY WATER
A. THE TEMPORARY WATER SOURCE (CONNECTION POINT) SHALL BE PROVIDED AT THE SITE FOR THE CONTRACTOR USE, PROVIDED THE USAGE IS TYPICAL USE AND NOT EXCESSIVE. IF REQUIRED BY THE OWNER, CONTRACTOR SHALL PAY FOR WATER CHARGES.

2.04 TEMPORARY LIGHTING
A. THE CONTRACTOR SHALL PROVIDE TEMPORARY LIGHTING TO ADEQUATELY PROVIDE SUFFICIENT LIGHTING TO MAKE THE SITE/BUILDING SAFE DURING DAYTIME & NIGHTTIME USE. THE CONTRACTOR IS TO PROVIDE TEMPORARY LIGHTING INSIDE THE BUILDING. LIGHTING IS TO BE ADEQUATE TO PERFORM WORK WITHIN ANY SPACE & ARE TO BE LEFT IN POSITION IN SUCH A MANNER THAT EVERY SPACE HAS TEMPORARY LIGHTING AT ALL TIMES.
B. TEMPORARY LIGHTING IS TO BE REMOVED ONCE PERMANENT LIGHTING IS IN SERVICE. THE CONTRACTOR SHALL PAY FOR ELECTRIC CHARGES. AT ANY TIME THAT WORK WILL BE PERFORMED OUTSIDE THE STRUCTURE AT NIGHT, THE CONTRACTOR WILL PROVIDE PORTABLE FLOODLIGHTS ADEQUATE FOR THE PURPOSE INTENDED.

2.05 TEMPORARY TELEPHONE
A. THE CONTRACTOR SHALL ARRANGE FOR TEMPORARY SEPARATE TELEPHONE SERVICE TO THE CONTRACTOR'S FIELD OFFICES (IF REQUIRED) AND PAY FOR ALL CHARGES. CONTRACTOR SHALL PAY HIS OWN TELEPHONE CHARGES.

2.06 TEMPORARY HEAT (IF REQUIRED)
A. PROVIDE ALL HEATING DEVICES NEEDED TO PROTECT THE BUILDING DURING CONSTRUCTION. PROVIDE ALL FUEL NEEDED TO SERVICE THE HEATING DEVICES. HEATING DEVICES SHALL BE ATTENDED AT ALL TIMES. IN NO EVENT SHALL HEATERS ALLOWED TO BE OPERATE OVERNIGHT WITHOUT SOMEONE IN ATTENDANCE. CONTRACTOR SHALL PAY FOR HEATING CHARGES.
B. MASONRY SHALL BE PROTECTED AT ALL TIMES DURING THE PLACING, SETTING AND CURING OF MASONRY TO INSURE THE SPACE TEMPERATURE IS MAINTAINED AT A TEMPERATURE OF NOT LESS THAN FOURTY DEGREES

2.07 TEMPORARY ELECTRICAL POWER
A. THE TEMPORARY ELECTRICAL SOURCE (CONNECTION POINT) SHALL BE PROVIDED AT THE SITE FOR THE CONTRACTOR USE, PROVIDED THE USAGE IS TYPICAL USE AND NOT EXCESSIVE. IF REQUIRED BY THE OWNER, CONTRACTOR SHALL PAY FOR ELECTRIC CHARGES.
B. THE CONTRACTOR SHALL PROVIDE TEMPORARY GROUNDED POWER DISTRIBUTION SYSTEM WITH OVERLOAD PROTECTION, SUFFICIENT TO ACCOMMODATE CONSTRUCTION OPERATIONS REQUIRING POWER, USE OF POWER TOOLS, LIGHTING, ETC. TO THE PROJECT WORK AREA POINTS WITHIN THE CONSTRUCTION SITE (BUILDING) AS REQUIRED. ALL EXTENSIONS OF TEMPORARY POWER SHALL COMPLY WITH LIFE AND SAFETY CODES AND REQUIREMENTS OF OSHA AND THE NEC.

2.08 BARRIERS
A. THE CONTRACTOR SHALL PROVIDE BARRIERS REQUIRED TO PREVENT PUBLIC ENTRY TO CONSTRUCTION AREAS AND TO PROTECT EXISTING FACILITIES AND ADJACENT PROPERTIES FROM DAMAGE FROM CONSTRUCTION OPERATIONS.

2.10 SCAFFOLDING
A. CONTRACTOR TO PROVIDE ALL SCAFFOLDING AND CONSTRUCTION AIDS REQUIRED FOR THE COMPLETION OF THE WORK AND FOR PROTECTION OF THE WORKMEN AND THE PUBLIC, INCLUDING GUARDRAILS, LIGHTS AND PLATFORMS. SCAFFOLDING SHALL BE SUBSTANTIAL AND SECURE, MEETING ALL REQUIREMENTS OF THE CONTRACTORS' INSURANCE AGENCY, LOCAL, STATE AND FEDERAL SAFETY REQUIREMENTS AND MUST CONFORM TO OCCUPATIONAL SAFETY AND HEALTH STANDARDS (OSHA). PROVIDE BARRIERS REQUIRED TO PREVENT UNAUTHORIZED ENTRY TO CONSTRUCTION AREAS.

2.11 SITE ACCESS
A. PROVIDE ACCESS TO THE SITE FROM PUBLIC THOROUGHFARES. REPAIR ALL DAMAGE TO EXISTING PROPERTY, ROADS AND PARKING AREAS BY JOB RELATED VEHICLES OR PERSONNEL AT NO COST TO THE OWNER. THE TEMPORARY PARKING AREA SHALL BE KEPT CLEAN FROM ALL CONSTRUCTION DEBRIS, DIRT AND MUD. ARCHITECT AND/OR OWNER'S SITE INSPECTOR SHALL BE THE SOLE JUDGE OF WHETHER THIS AREA IS ADEQUATELY CLEANED AND MAINTAINED.

2.13 ENVIRONMENTAL PROTECTION
A. PROVIDE PROTECTION, OPERATE TEMPORARY FACILITIES AND CONDUCT CONSTRUCTION IN WAYS AND BY METHODS THAT COMPLY WITH ENVIRONMENTAL REGULATIONS, AND MINIMIZE THE POSSIBILITY THAT AIR, WATERWAYS AND SUBSOIL MIGHT BE CONTAMINATED OR POLLUTED, OR THAT OTHER UNDESIRABLE EFFECTS MIGHT RESULT. AVOID USE OF TOOLS AND EQUIPMENT WHICH PRODUCE HARMFUL NOISE. RESTRICT USE OF NOISE MAKING TOOLS AND EQUIPMENT TO HOURS THAT WILL MINIMIZE COMPLAINTS FROM PERSONS OR FIRMS NEAR THE SITE.

2.14 TEMPORARY FIRE EXTINGUISHERS
A. PROVIDE TYPE ABC EXTINGUISHERS AT LOCATIONS REASONABLE EFFECTIVE IN EXTINGUISHING FIRES. BY PERSONNEL AT PROJECT SITE. COMPLY WITH NFPA NO. 10. POST WARNING AND QUICK-INSTRUCTIONS AT EACH EXTINGUISHER, AND INSTRUCT PERSONNEL ON PROPER USE. POST FIRE DEPARTMENT CALL NUMBER ON EACH TELEPHONE AT PROJECT SITE.

2.15 PROTECTION OF BUILDING AND OWNER'S PROPERTY:
A. UPON ENTERING ON THE OWNER'S PROPERTY, THE CONTRACTOR SHALL ASSUME COMPLETE CARE AND CUSTODY OF THE BUILDING RELATING TO RESPONSIBILITY FOR THE PROTECTION OF THE BUILDING FROM DAMAGE DUE TO WEATHER, MOISTURE AND WIND, AND DAMAGE TO EXISTING BUILDING & ROOF PRIOR AND DURING TO THE PROPOSED WORK INSTALLATION.
B. THE GENERAL CONTRACTOR SHALL MAINTAIN COMPLETE DUST CONTROL DURING THE DEMOLITION AND CONSTRUCTION PROCESS. PROVIDE FIRE-RETARDANT PLASTIC DUST PARTITIONS TO SEPARATE CONSTRUCTION AREAS FROM ACTIVE WORK AREAS AND OTHER NON-WORK AREAS. PROTECT ALL EQUIPMENT/FURNISHINGS TO THE SATISFACTION OF THE OWNER & ARCHITECT. PROTECT ALL HVAC DUCTS AS REQUIRED. ALL DUSTS PARTITIONS ARE NOT TO INTERFERE WITH BUILDING EGRESS. DISMANTLE ALL DUST PARTITIONS AT JOB COMPLETION.
C. PROTECT EXISTING WORK AND PROPERTY FROM DAMAGE DURING THE COURSE OF THE WORK. BE PREPARED FOR ALL WEATHER AND OTHER CONTINGENCIES AS PRUDENCE MAY DICTATE. TEMPORARY PROTECTION MUST BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
D. ALL CONTRACTORS MUST PROTECT ALL PROPERTY AND FINISHES FROM DAMAGE OR LOSS DURING THE CONTRACT. REPAIR OR REPLACE ALL DAMAGED, LOST, OR OTHERWISE DISRUPTED PROPERTY TO THE SATISFACTION OF THE OWNER AND ARCHITECT. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO PROTECT ALL EXISTING WORK AREAS DURING THE CONSTRUCTION PROJECT. IF DAMAGED OCCURS TO THE EXISTING BUILDING, THE CONTRACTOR MUST BE REPAIRED THE DAMAGED WORK AT THE CONTRACTORS EXPENSE.
E. THE CONTRACTOR SHALL COORDINATE THE EXTERIOR BUILDING ENVELOPE AND ROOFING SCHEDULE WITH THE OWNER & ARCHITECT AND, AT ALL TIMES, PROTECT THE EXISTING BUILDING AND ITS INTERIOR FROM WEATHER INFILTRATION & DAMAGE. PROCEED WITH THE EXTERIOR BUILDING ENVELOPE AND ROOFING WORK ONLY WHEN CURRENT AND FORECASTED WEATHER CONDITIONS WILL PERMIT WORK TO BE PERFORMED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS & WARRANTY REQUIREMENTS.
F. ALL CONTRACTORS MAINTAIN THE PREMISES IN A NEAT AND ORDERLY CONDITION DURING THIS CONTRACT. DISPOSE OF ALL DEBRIS AT THE END OF EACH DAYS WORK. CONTROL THE MIGRATION OF DUST TO OTHER AREAS OF THE BUILDING & INTOTHROUGHOUT THE HVAC SYSTEM IN ACCORDANCE WITH OWNER - LINCOLN TECH REQUIREMENTS & REGULATIONS.
G. BUILDING ACCESS: THE GENERAL CONTRACTOR SHALL PROVIDE SAFE ACCESS TO ALL EQUIPMENT AND WORK AREAS. TO AID IN MAINTAINING SITE SECURITY, THE CONTRACTOR SHALL COORDINATE THE ACTIVITIES OF WORKERS WITH THE OWNER & ARCHITECT. THE CONTRACTOR SHALL PROVIDE NOTICE TO THE OWNER AND ARCHITECT OF PROPOSED ACTIVITIES AND DURATIONS.
H. THE CONTRACTORS SHALL MAINTAIN A CLEAR PATH OF TRAVEL TO ALL EXITS WITHIN THE BUILDING AND PROVIDE FOR SAFE TRAVEL FROM THE STREET TO THE EXISTING ENTRY. ALL EXISTING EXITS WITHIN THE BUILDING, WAYS OF APPROACH THERETO, AND WAY OF TRAVEL FROM THE EXIT INTO THE STREET SHALL BE CONTINUOUSLY MAINTAINED FREE FROM ALL OBSTRUCTIONS AND IMPEDIMENTS FOR UNOBSTRUCTED EGRESS IN THE CASE OF FIRE OR OTHER EMERGENCY IN ACCORDANCE WITHE OWNER-LINCOLN TECH RULES, REGULATIONS, & APPROVALS.

2.16 TEMPORARY PROTECTION:
A. PROVIDE TEMPORARY PROTECTION AS REQUIRED TO PRESERVE EXISTING ITEMS INDICATED TO REMAIN AND RESTORE ALL DAMAGED WORK TO THE CONDITION EXISTING PRIOR TO THE START OF THE WORK, UNLESS OTHERWISE INDICATED.
B. CONTROL DUST AND DIRT CAUSED BY THE EXECUTION OF THE WORK. ALL AREAS OUTSIDE THE DEMOLITION AND/OR REMOVAL WORK AREA ARE TO BE KEPT CLEAN FROM DIRT, DUST, AND DEBRIS THROUGHOUT THE DURATION OF THIS PROJECT.
C. ALL ACTIVE MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION SYSTEMS, INTENDED TO REMAIN, ARE TO BE FULLY PROTECTED FROM DAMAGE THROUGHOUT THIS PROJECT.
D. THE GENERAL CONTRACTOR IS TO ERECT ALL NECESSARY FLAME PROOF PLASTIC DROP CLOTHS AND/OR TEMPORARY PARTITIONS TO PROTECT ADJACENT BUILDING AREAS AND EQUIPMENT WHILE THE WORK IS IN PROGRESS.
E. ALL ADJACENT WORK IS TO BE PROTECTED FROM DAMAGE CAUSED BY DEMOLITION AND/OR REMOVAL WORK, ANY DAMAGE IS TO BE THE FINANCIAL RESPONSIBILITY OF THE CONTRACTOR.
F. THE CONTRACTOR IS TO PROVIDE ALL TEMPORARY ELECTRIC AND LIGHTING AS REQUIRED.
G. THE CONTRACTOR IS TO MAINTAIN THE INTEGRITY OF ALL EXISTING SYSTEMS TO REMAIN. DURING THE ENTIRE PERIOD OF DEMOLITION AND CONSTRUCTION WORK, ALL EXISTING EXITS, EXIT LIGHTING, FIRE PROTECTION DEVICES, & ALARMS ARE TO BE CONTINUOUSLY MAINTAINED.

2.16. UTILITY SHUTDOWNS AND TIE-INS
A. SHUTDOWNS, TIE-INS OR ANY OTHER WORK AFFECTING THE OPERATION OF EXISTING EQUIPMENT OR ANY CRITICAL SERVICES SUCH AS ELECTRICAL SYSTEMS, HVAC OPERATION, FIRE ALARM DETECTION SYSTEMS, WATER SYSEMS, ETC. SHALL BE PERFORMED WITHIN THE HOURS AGREED UPON BY THE OWNER-LINCOLN TECH. WORK ON THESE SYSTEMS CAN ONLY TAKE PLACE AFTER SCHEDULING WITH AND RECEIVING APPROVAL FROM THE OWNER. DURATION OF ALL WORK ON CRITICAL SERVICES SHALL BE KEPT TO THE MINIMUM NECESSARY TO PERFORM THE WORK REQUIRED.

PART 3 - EXECUTION
3.01 LOCATION OF TEMPORARY FACILITIES
A. LOCATION OF ALL TEMPORARY FACILITIES SHALL BE DETERMINED IN ADVANCE THE CONTRACTOR WITH THE PERMISSION AND APPROVAL OF THE OWNER. FACILITIES SHALL BE LOCATED IN AN AREA THAT WILL NOT INTERFERE WITH ANY WORK TO BE PERFORMED UNDER THIS CONTRACT. REVIEW SITE CONDITIONS AND FACTORS, WHICH AFFECT CONSTRUCTION PROCEDURES AND TEMPORARY FACILITIES, INCLUDING ADJACENT PROPERTIES AND PUBLIC FACILITIES, WHICH MAY BE AFFECTED BY EXECUTION OF THE WORK.
B. INSTALL TEMPORARY FACILITIES IN A NEAT AND ORDERLY MANNER. MAINTAIN CLEAN, SERVICE AND REPAIR FACILITIES TO PROVIDE CONTINUOUS USAGE.

3.02 REMOVAL OF TEMPORARY FACILITIES
A. AT THE CONCLUSION OF THE PROJECT, TEMPORARY BUILDINGS, SHED, AND TEMPORARY UTILITIES SHALL BE REMOVED AND THE SITE RESTORED TO ORIGINAL CONDITION. OR FINISHED IN ACCORDANCE WITH THE DRAWINGS.

3.03 DISPOSAL
A. ALL CONTRACTORS TO MAINTAIN THE PREMISES IN A NEAT & ORDERLY CONDITION DURING THIS CONTRACT. LEGALLY DISPOSE OF ALL DEBRIS AT THE END OF EACH DAY'S WORK.
B. THE GENERAL CONTRACTOR SHALL PROVIDE FOR THE DISPOSAL OF DEBRIS DURING THE COURSE OF THE WORK. REMOVAL OF SAME SHALL BE BY CONTAINER TO AN OFF-SITE LEGAL DISPOSAL AREA. THE GENERAL CONTRACTOR SHALL ARRANGE TO HAVE A DEBRIS DISPOSAL CONTAINER ON-SITE IN AN AREA DESIGNATED BY THE OWNER'S REPRESENTATIVE FROM START OF DEMOLITION UNTIL COMPLETION OF CONSTRUCTION.
C. THE FINAL CLEANING OBLIGATIONS DO NOT MINIMIZE THE OBLIGATIONS OF THE CONTRACTOR TO MAINTAIN THE WORK AREA IN A CLEAN AND ORDERLY MANNER. COMBUSTIBLE PACKING MATERIALS SHALL BE REMOVED FROM THE WORK AREA ON A DAILY BASIS; NONCOMBUSTIBLE DEBRIS SHALL NOT BE ALLOWED TO ACCUMULATE.
D. LACK OF ADHERENCE TO THE REQUIREMENTS OF PARAGRAPH B ABOVE WILL RESULT IN THE REMOVAL OF DEBRIS BY OTHERS AND CHARGING THE COST OF THAT EFFORT AGAINST THE CONTRACT.
END OF SECTION

SECTION 01 56 50 SECURITY MEASURES
PART 1 GENERAL
THE GENERAL CONTRACTOR SHALL COORDINATE ALL WORK WITH APPROVAL OF OWNER & MAINTAIN SITE SECURITY. THE CONTRACTOR SHALL COORDINATE THE ACTIVITIES OF WORKERS AND SHALL PROVIDE NOTICE (SCHEDULE) TO THE OWNER OF ALL PROPOSED WORK ACTIVITIES & DURATION OF TIME REQUIRED FOR EACH ACTIVITY.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION
1. SECURITY PROCEDURES
a. LIMIT ACCESS TO THE SITE TO PERSONS INVOLVED IN THE CONSTRUCTION WORK.
b. PROVIDE SECURE STORAGE FOR ANY MATERIALS FOR WHICH THE OWNER HAS MADE PAYMENT AND WHICH ARE STORED ON SITE.
c. SECURE COMPLETED WORK AS REQUIRED TO PREVENT LOSS.
d. THE CONTRACTOR IS RESPONSIBLE FOR SITE SECURITY OF THE CONSTRUCTION PROJECT FOR THE ENTIRE CONSTRUCTION PERIOD.
e. PROTECT WORK AND LINCOLN TECH'S OPERATIONS FROM THEFT, VANDALISM, AND UNAUTHORIZED ENTRY.
f. INITIATE PROGRAM AT PROJECT MOBILIZATION.
g. MAINTAIN PROGRAM THROUGHOUT CONSTRUCTION PERIOD UNTIL LINCOLN'S OCCUPANCY.
h. RESTRICT ENTRANCE OF PERSONS AND VEHICLES INTO PROJECT SITE.
i. ALLOW ENTRANCE ONLY TO AUTHORIZED PERSONS WITH PROPER IDENTIFICATION. FOR WORK TO BE EXECUTED IN AREAS OCCUPIED BY THE OWNER OR OWNER'S EQUIPMENT, THE CONTRACTOR SHALL INFORM THE OWNER WELL IN ADVANCE (MIN. 72 HOURS). SO THAT, THE OWNER'S PERSONNEL MAY MAKE PROPER PREPARATIONS TO PROTECT EQUIPMENT AND RECORDS.
j. SECURITY PROVISIONS:
I. THE TYPES OF TEMPORARY SECURITY AND PROTECTION PROVISIONS REQUIRED INCLUDE, BUT NOT LIMITED TO THE FOLLOWING FIRE PROTECTION, TEMPORARY ENCLOSURES, GUARDRAILS, BARRICADES, WARNING SIGNS/LIGHTS, SAFETY DEVICES, SITE ENCLOSURE FENCE, BUILDING ENCLOSURE/LOCKUP, WATCHMAN SERVICE, PERSONNEL SECURITY PROGRAM (THEFT PREVENTION), ENVIRONMENTAL PROTECTION, AND SIMILAR PROVISIONS INTENDED TO MINIMIZE PROPERTY LOSSES, PERSONAL INJURIES AND CLAIMS FOR DAMAGES AT PROJECT SITE. PROVIDE SECURITY/PROTECTION SERVICES AND SYSTEMS IN COORDINATION WITH ACTIVITIES AND IN A MANNER TO ACHIEVE 24-HOUR, 7-DAY-PER-WEEK EFFECTIVENESS.
II. FIRE EXTINGUISHERS: PROVIDE TYPES, SIZES, NUMBERS AND LOCATIONS AS REQUIRED BY THE LOCAL FIRE SUB-CODE OFFICIAL/AUTHORITIES, BY PERSONNEL AT PROJECT SITE. POST WARNING AND QUICK-INSTRUCTIONS AT EACH EXTINGUISHER LOCATION, AND INSTRUCT ALL PERSONNEL AT PROJECT SITE. AT TIME OF THEIR FIRST ARRIVAL, ON PROPER USE OF EXTINGUISHERS AND OTHER AVAILABLE FACILITIES AT PROJECT SITE. POST LOCAL FIRE DEPARTMENT CALL NUMBER ON EACH TELEPHONE AT PROJECT SITE.
END OF SECTION

SECTION 01 60 00 PRODUCT REQUIREMENTS
PART 1 - GENERAL
A. ALL MATERIALS, DEVICES AND EQUIPMENT SHALL BE NEW AND CONFORM TO THE APPLICABLE STANDARDS OF ANSI. ASTM, NFPA, OSHA, AND UL. IN ANY INSTANCE WHERE THESE SPECIFICATIONS CALL FOR MATERIALS FOR CONSTRUCTION OF A BETTER QUALITY OR LARGER SIZE THAN REQUIRED BY THE CODES, THE PROVISIONS OF THESE SPECIFICATIONS SHALL TAKE PRECEDENCE. MATERIALS SHALL BE NEW AND OF SPECIFIED QUALITY. FABRICATED COMPONENTS SHALL BE OF PRESCRIBED STRENGTH AND PERFORM THE TASK FOR WHICH THEY WERE INTENDED. FAILURE OF A PART UNDER NORMAL OPERATING CONDITIONS IS SUFFICIENT REASON TO REJECT THE ENTIRE COMPONENT.
B. PRODUCT SUBSTITUTIONS DURING CONSTRUCTION MAY NOT BE MADE WITHOUT ARCHITECT'S PRIOR APPROVAL.
C. NO ASBESTOS-CONTAINING MATERIALS (ACM) WILL BE PERMITTED FOR THIS PROJECT. CONTRACTOR SHALL FURNISH A TYPEWRITTEN AND NOTARIZED STATEMENT THAT TO HIS KNOWLEDGE NO ACM WAS INSTALLED ON THE PROJECT.
D. ANY MATERIALS FOUND NOT TO BE IN COMPLIANCE WITH THE CONTRACT DOCUMENTS SHALL BE REJECTED. UNLESS ARRANGEMENTS HAVE BEEN MADE TO ALLOW REPAIR OF THE PRODUCT AT THE CONSTRUCTION SITE.
E. ALL EQUIPMENT AND MATERIALS SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS, COMPLETE WITH ALL NECESSARY FITTINGS, HANGERS, ANCHORS, SUPPORTS, TRIM, PIPING, INSULATION, ETC. NECESSARY FOR A COMPLETE, OPERATIONAL INSTALLATION. UNLESS OTHERWISE SPECIFICALLY DIRECTED BY THE CONTRACT DOCUMENTS.
F. THE REMOVAL OF, OR MODIFICATIONS, TO ANY HAZARDOUS MATERIAL IS NOT A PART OF THIS CONTRACT. SHOULD ANY SUSPECT HAZARDOUS MATERIAL BE ENCOUNTERED, NOTIFY THE ARCHITECT AND OWNER IMMEDIATELY.
PART 2 PRODUCTS - NOT USED
PART 3 EXECUTION - NOT USED
END OF SECTION

SECTION 01 65 00 DELIVERY HANDLING AND STORAGE
PART 1 - GENERAL
A. SUBCONTRACTORS ARE RESPONSIBLE FOR SAFEGUARDING OF ALL MATERIALS UNTIL INCORPORATED INTO THE WORK AND UNTIL ACCEPTANCE OF SUBSTANTIAL COMPLETION.
B. THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING THE PURCHASE, DELIVERY, RECEIVING, UNLOADING, UNCRATING, STORING, SETTING IN PLACE, AND PROTECTING ALL NEW EQUIPMENT/MATERIALS FURNISHED BY THE CONTRACTOR, AND FURNISHED BY THE OWNER.
C. DELIVERY OF MATERIALS SHALL BE IN ACCORDANCE WITH THE CONTRACTOR'S SCHEDULE OF WORK. MATERIAL SHALL BE DELIVERED TO THE SITE IN SEQUENCE WITH THE WORK BEING PERFORMED TO PREVENT DELAYS. MATERIALS SHALL NOT BE DELIVERED TO THE SITE EXCESSIVELY LONG IN ADVANCE OF THEIR NEED, UNLESS SPACE HAS BEEN PROVIDED FOR STORAGE OF THE MATERIALS.
D. PACKAGED MATERIALS SHALL BE DELIVERED TO SITE IN ORIGINAL UNDAMAGED CONTAINERS WITH IDENTIFYING LABELS ATTACHED. MATERIALS SHALL REMAIN IN PACKAGES OR OTHER CONTAINERS UNTIL INSTALLED, EXCEPT THAT CONTRACTOR MAY OPEN CARTONS AS NECESSARY TO CHECK FOR DAMAGE OR TO VERIFY INVOICES. AFTER EXAMINATION, RESEAL CARTONS AND STORE UNTIL USED.
E. PROVIDE SUITABLE STORAGE AND APPROPRIATE SECURITY FOR ALL MATERIALS, EQUIPMENT NOT AFFECTED BY WEATHER CONDITIONS MAY BE STORED OUTDOORS ON RAISED PLATFORMS ABOVE GRADE AND COVERED WITH WEATHER RESISTANT COVERINGS. LIGHTWEIGHT MATERIALS SHALL BE WEIGHTED TO PREVENT WIND DAMAGE. EQUIPMENT THAT MIGHT BE AFFECTED BY THE WEATHER, INCLUDING ELECTRICAL COMPONENTS AND FINISH MATERIALS SHALL BE STORED UNDER COVER INSIDE BUILDINGS OR INSIDE STORAGE SHEDS.
F. FURNISH AND MAINTAIN DOLLIES, LIFTS, HOISTS, CRANES AND OTHER EQUIPMENT AS NECESSARY TO UNLOAD AND HANDLE MATERIALS AND EQUIPMENT AT THE CONSTRUCTION SITE. EQUIPMENT SHALL BE MAINTAINED IN A SAFE AND SUBSTANTIAL MANNER AND SHALL MEET THE REQUIREMENTS OF STATE AND LOCAL AUTHORITIES AND BE APPROVED BY CONTRACTOR'S INSURANCE CARRIER.
G. EQUIPMENT SHALL BE STORED IN A MANNER TO PREVENT OVERLOADING ANY PART OF THE STRUCTURE. NOR SHALL STORAGE INTERFERE WITH THE TIMELY EXECUTION OF THE WORK, OR INTERFERE WITH THE SAFE EXECUTION OF THE WORK.

PART 2 PRODUCTS - NOT USED
PART 3 EXECUTION - NOT USED

END OF SECTION

SECTION 01 70 00 EXECUTION REQUIREMENTS
PART 1 GENERAL
A. SECTION INCLUDES
1. EXAMINATION, PREPARATION, AND GENERAL INSTALLATION PROCEDURES.
2. PRE-INSTALLATION MEETINGS.
3. SURVEYING FOR LAYING OUT THE WORK.
4. CUTTING & PATCHING.
B. IT IS THE INTENT OF THE CONTRACT DOCUMENTS TO PROVIDE A COMPLETE, LAWFUL, AND FUNCTIONAL INSTALLATION. IN THE EVENT THAT ADDITIONAL DETAILS OR SPECIAL CONSTRUCTION IS REQUIRED, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL MATERIAL AND EQUIPMENT WHICH IS USUALLY FURNISHED WITH SUCH SYSTEMS IN ORDER TO COMPLETE THE INSTALLATION, WHETHER SPECIFICALLY INDICATED OR NOT.
C. DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY. MATERIAL OR EQUIPMENT NEED BE SHOWN ON ONLY ONE OR THE OTHER. EACH TRADE, SUPPLIER, OR SUBCONTRACTOR SHALL BE RESPONSIBLE TO EXAMINE THE ENTIRE SET OF DRAWINGS AND ALL SECTIONS OF THE SPECIFICATIONS. GENERALLY, THE DRAWINGS ESTABLISH THE LOCATION, QUANTITY AND RELATIONSHIP OF THE PARTS OF THE WORK; THE SPECIFICATIONS DEFINE THE TYPE AND QUALITY OF MATERIALS AND WORKMANSHIP. WORK DESCRIBED IN ONE SHALL BE INCLUDED AS IF FULLY PROVIDED FOR IN BOTH.
D. DISCREPANCIES SHOWN ON DIFFERENT PLANS, OR BETWEEN PLANS AND SPECIFICATIONS, SHALL BE BROUGHT PROMPTLY TO THE ATTENTION OF THE ARCHITECT FOR RESOLUTION. IN CASE OF CONFLICT BETWEEN THE DRAWING AND SPECIFICATIONS OR WITHIN EITHER DOCUMENT, THE ARCHITECT WILL DETERMINE THE INTENT. IN GENERAL, THE MORE STRINGENT REQUIREMENT REQUIRING THE GREATER QUANTITY OR QUALITY AND/OR RESULTING IN THE HIGHER COST SHALL GOVERN WITHOUT FURTHER COST TO THE OWNER.
E. NO ATTEMPT HAS BEEN MADE TO DIVIDE THE DRAWINGS INTO AREAS OF RESPONSIBILITY FOR THE VARIOUS TRADES. IT IS TO BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO REVIEW THE ENTIRE SET OF CONTRACT DOCUMENTS, INCLUDING BUT NOT NECESSARILY LIMITED TO ALL THE ARCHITECTURAL (A), SITE, STRUCTURAL, MECHANICAL (M), PLUMBING (P), FIRE PROTECTION (FP), ELECTRICAL (E) DRAWINGS AND SPECIFICATIONS, AND DIVIDE THE WORK AMONG HIS SUBCONTRACTORS. HE IS TO BE FULLY RESPONSIBLE FOR THE COORDINATION OF ANY TRADE USED ON THIS PROJECT.
F. DRAWINGS & SPECIFICATIONS CANNOT INDICATE OR DESCRIBE ALL OF THE WORK REQUIRED TO COMPLETE THE PROJECT. ADDITIONAL DETAILS REQUIRED FOR THE CORRECT INSTALLATION OF SELECTED PRODUCTS ARE TO BE PROVIDED BY THE CONTRACTOR & COORDINATED WITH THE ARCHITECT. IN ADDITION TO THE CONTRACT DOCUMENTS, MANUFACTURER'S PRINTED INSTRUCTIONS CONCERNING PREPARATION & INSTALLATION OF THEIR PRODUCTS SHALL BE CONSIDERED A PART OF THE CONTRACT REQUIREMENTS. IN THE EVENT THAT MANUFACTURER RECOMMENDS CERTAIN PREPARATION PROCEDURES BE ACCOMPLISHED PRIOR TO INSTALLATION OF THEIR PRODUCT, THE CONTRACTOR SHALL INCLUDE SUCH PREPARATION AS A PART OF THE PROJECT AT HIS OWN COST, IF SPECIFIED OR NOT.
G. SUBCONTRACTORS MUST FAMILIARIZE THEMSELVES WITH ALL APPLICABLE CONTRACT DO