ADDENDUM

ATC PROJECT NO.: 007.62371.0021

PROJECT TITLE: 1526 K Building Remodel, Asbestos Abatement

PROJECT LOCATION: 1526 K Street, Lincoln, NE

BID DUE DATE/TIME: Thursday, March 1, 2012, 2:00 p.m. (CST)

ADDENDUM NO.: One

ISSUE DATE: February 24, 2012

1. SCOPE OF WORK

Bids Due

- The bid due date has been extended to March 1, 2012 at 2:00 PM (CST). Bids are to be sent to Mr. John Heacock no later than 2:00 PM.

  State of Nebraska
  521 South 14th Street, Suite 400
  Lincoln, Nebraska 68508
  E-mail: john.heacock@nebraska.gov

- The target date for Authorization to Proceed from the State is March 26, 2012 (or sooner), and abatement notifications shall be filed within 24 hours of Authorization to Proceed. The targeted start date for abatement activities on-site is anticipated to be April 9, 2012.

Revised Bid Form

- The bid form has been revised. Use the attached bid form in place of the original located in the specification book.
- An alternate has been added for encapsulating the air chases.

Encapsulation / Products

- The encapsulation product for the fire proofing material requires review and approval by the Owner prior to usage by the Contractor within the building.
- Where specified by the Owner, contractor shall use penetrating and bridging encapsulant.

Quantities

- The quantities of ACM to be removed are floor space measurements and do not reflect surface area of materials to be abated. It is the intent to remove all surface area of the material as described in the specifications and pre-bid meeting.

Demolition

- If asbestos flooring materials extend beneath cabinets or walls to remain, according to the demolition plans, the asbestos flooring shall be cleaned up to the cabinets and walls and shall remain under the cabinets or walls. The material that remains under the cabinet shall be noted in the supervisor's daily notes and submitted to the Owner or Owner's Representative.
- The demolition plans supersede the abatement plans.
- Three large cabinets in the basement level mail room shall be removed and disposed of under this contract.
- Interior walls that are scheduled for removal by the General Contractor that may be impacted by asbestos shall be removed in a manner sufficient to remove and clean the asbestos. An example of this scenario would be interior walls that have been attached to a beam with fire proofing or other asbestos material. The wall would be demolished by the abatement contractor in a manner sufficient to remove the asbestos.
- Abatement Contractor shall conduct partial or complete demolition of walls and ceilings identified on the demolition for the east stairwell closets to gain access to abate the structural fireproofing located above the ceiling. This shall be conducted to accommodate the installation of the new pipe risers
- Fire proofing material and overspray on the south beam of the 1968 Addition and in front of the brick wall shall be abated.

Thermal System Insulation (piping) Removal

- All piping shall be abated of insulation. This includes any piping that appears to be fiberglass with the exception of the basement mechanical rooms.

Demolition Drawings

- Updated architectural demolition drawings have been added to Submittal Exchange asbestos abatement contract documents and supersede any demolition plans provided at the pre-bid meeting and in the contract documents that have been printed and distributed by A&D Technical Supply.

Air Chase

- Bulk samples of the mortar and plaster in the air chase were submitted for analysis and did NOT contain asbestos (no asbestos detected).

1.4 FORM OF PROPOSAL

PROJECT: **Asbestos Abatement at 1526 Building**
1526 K Street, Lincoln, Nebraska 58508

OWNER:
Mr. Rodney Anderson
State of Nebraska
521 South 14th Street, suite 400
Lincoln, Nebraska 68508

OWNER's REPRESENTATIVE:
ATC Associates Inc.
11117 Mockingbird Drive
Omaha, Nebraska 68137

BIDS TO:
Mr. John F. Heacock
State of Nebraska
521 South 14th Street, Suite 400
Lincoln, Nebraska 68508
E-mail: john.heacock@nebraska.gov

NAME OF BIDDER: _____

ADDRESS OF BIDDER: _____

_____

_____

TELEPHONE NO: _____

FAX NO.: _____

1. PROPOSAL AMOUNTS

The undersigned, having familiarized himself with all local conditions to be encountered affecting the cost of the work and examined the contract documents prepared by State of Nebraska, and does hereby propose to furnish all labor, materials, equipment, supervision and necessary services to complete the work for the above project. All work is to be performed in accordance with the plans and specifications including any addenda noted herein. The cost of all work covered by this addenda is included in the lump sum price of this proposal.

Addendum No. _____ Date _____
Addendum No. _____ Date _____

Lump Sum Price

A. Completion of all work describe in this document.

$_____

In written amount_____

Price break down per area:		**No. of Days To Complete**
Basement Mech Rooms/Hall/Air Shafts	$_____	_____
4th Floor	$_____	_____
3rd Floor	$_____	_____
2nd Floor	$_____	_____
1st Floor	$_____	_____
Basement Level	$_____	_____

The undersigned agrees to complete all work within _____ work days following the award of the project.

Alternate #1:
Removal of approximately 2,800 SF transite panels on roof.

$_____

Alternate #2
Addition (+) or Deduction (-) for disposal of light fixtures, ballasts and lamps (not to clean & save lighting).

$_____

Alternate #3
Reduction for not cleaning the interior ducts and air handler as specified in #10.

$_____

Alternate #4
Addition or deduction to clean and encapsulate the air chases and to not perform asbestos abatement.

$_____

Asbestos Unit Prices

The unit prices given below are to be utilized to compute the adjustments to the Contract Sum resulting from scope of work addition/subtraction by Owner. A 24 hour response will be required for the abatement of these materials so the project is not delayed. These unit prices must be all inclusive, additional charges will not be considered for payment.

Labor

Supervisor/Foreman	$ _____ per hour
(Overtime)	$ _____ per hour
Laborer/Worker	$ _____ per hour
(Overtime)	$ _____ per hour

Unit Costs

Floor Tile (ACM)	$ _____ per sq.ft.
Floor Tile and Mastic (ACM)	$ _____ per sq.ft.
Floor Tile Under Carpet (ACM)	$ _____ per sq.ft.
Floor Tile and Mastic Under Carpet (ACM)	$ _____ per sq.ft.
Acoustical Ceiling Plaster (ACM)	$ _____ per sq.ft.
Transite Panels (ACM)	$ _____ per sq.ft.
Sprayed-on fireproofing (ACM)	$ _____ per sq.ft.
TSI Straight Run (ACM)	$ _____ per linear foot
TSI Fittings and Values (ACM)	$ _____ each

2. SUBCONTRACTS

The Bidder agrees that he will subcontract only for the following work and only to those Subcontractors named below:

Work	Description	Subcontractor

3. SCHEDULE

A. The Contractor shall commence work according to the contract schedule. **The Owner preferred schedule is to complete the scope of work in 135 work days.** An estimated timeframe is provided below in which to complete the work. Substantial completion dates shall be in accordance to the Owner's schedule. The current project (02/16/2012) construction schedule is provided in the attachments.

Stage 1: Approximately 70 work days
Basement Mechanical Rooms, Corridor & Air Chases, Third & Fourth Floors

Stage 2: Approximately 65 work days
Basement Remaining, First & Second Floors

Duct cleaning is anticipated to be conducted upon completion of each level.

PRE-BID CONFERENCE

JOB LOCATION: 1526 K Street, Lincoln, Nebraska **DATE OF WALK-THRU:** 2/22/2012

JOB NUMBER: 007.62371.0021 **TIME OF WALK-THRU:** 2:00 PM

	REPRESENTATIVE'S NAME	COMPANY NAME	E-MAIL ADDRESS / CONTACT INFO
1)	Tim Jacobsen	ATC	timjacobsen@ATCAssociates.com 402-697-9747
2)	MIKE Mitchell	ESA	MMitchell@esasite.com
3)	Todd Brummer.	ATC	Brummer7@ATC-Enviro.com 402 697-7487
4)	RON BRUCK	ESA	RBRUCK@ESASITE.Com 402-708-7633
5)	Doug Wheeler	GPA	douglas@wheelercontracting.com
6)	Mike Chavanu	GPAC	DMC@gpac.com 308 234-3350
7)	Paul Beckman	Beckman	pcb@beckmanninc.com
8)	John HEACOCK	SBD	JOHN.HEACOCK@NEBRASKA.GOV
9)	Roger Sleppard	New Horizons	roger@newhorizons-llc.com (402) 570-0658
10)	Brent Beckman	TCEP	bbeckman@clarkenviron.com 402 742-8284
11)	Mott Timmerman	McGill	motimmerman@hotmail.com 402 670 7377
12)			
13)			
14)			
15)			
16)			
17)			
18)			
19)			
20)			

Prepared for

State of Nebraska
521 South 14th Street, suite 400
Lincoln, Nebraska 68508

ASBESTOS ABATEMENT SPECIFICATIONS
1526 Building Remodel
1526 K Street
Lincoln, Nebraska 68508
ATC Project Number 007.62371.0021

Prepared by

11117 Mockingbird Drive
Omaha, Nebraska
(402) 679-9747

February 17, 2012

ASBESTOS ABATEMENT SPECIFICATIONS
1526 Building Remodel
1526 K Street
Lincoln, Nebraska 68506
State of Nebraska

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SECTION 00200 - INSTRUCTIONS TO BIDDERS

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Rev. Date: 01-31-12

INSTRUCTIONS TO BIDDERS

1. BID SECURITY

Each proposal must be accompanied by a bid bond or a certified or cashiers' check in the sum of five (5%) percent of the proposal, as a guarantee of good faith, drawn on a solvent bank and made payable to the order of the DAS/State Building Division, State of Nebraska, which will be retained by and may be forfeited to the DAS/State Building Division, State of Nebraska, as liquidated damage if such proposal is accepted, the Contract awarded, and the bidder or bidders fail to enter into a contract in form prescribed, with a satisfactory surety bond, within ten (10) days after such award is made.

The bid deposit of all except the three (3) lowest bidders may be returned within three (3) days after the opening of bids. The bid deposit of the three lowest bidders may be returned within 48 hours after the executed contract and required bonds have been finally approved by the Owner.

2. PLANS AND CONTRACT DOCUMENTS

Plans and Specifications (including Instructions to Bidders, General Conditions, and Special Provisions) and the Forms of Proposal, Contract and Bond, and all made a part of this Contract, are on file on Submittal Exchange and at the State Building Division, 521 S. 14th Street, Suite 400, Lincoln, NE 68508.

3. WORKING CONDITIONS

Bidders are required to inform themselves fully on the conditions relating to construction and labor under which the work shall be or is now being performed, and the Contractor must employ, so far as possible, such methods and means in the carrying out of his work as will not cause any interruption or interference with any other Contractor.

4. DRUG FREE WORK PLACE POLICY

The Contractor certifies that as a condition of the contract, neither the Contractor nor any employee of the Contractor shall engage in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance in conducting any activity covered by this contract. The DAS/State Building Division reserves the right to request a copy of the Contractor's Drug Free Work Place policy. The Contractor further agrees to insert a provision similar to this statement in all subcontracts for services required under this agreement. A copy of this policy on company Letterhead shall be submitted to the Owner prior to signing contracts.

5. OPEN COMPETITION

Whenever in these specifications a material or article is specified by using the specific description or name of a proprietary product or the name of a manufacturer or vendor, rather than by using descriptive detail of substance and function, any article which the DAS/State Building Division decides will perform the duties imposed adequately and to the same effectiveness, will be acceptable as a substitute in lieu of the material or article so specified.

6. INTERPRETATION OF CONTRACT DOCUMENTS

If any person contemplating submitting a bid for the proposed contract is in doubt as to the true meaning of any part of the plans, specifications, or other proposed contract documents, he may submit a written request for an interpretation thereof by the consulting Architect or Engineer or the DAS/State Building Division, whichever has prepared the documents. The person submitting the request will be responsible for its prompt delivery. Any interpretation of the proposed documents will be made only by Addendum duly issued and a copy of such Addendum will be mailed or delivered to each person receiving a set of such documents. The DAS/State Building Division will not be responsible for any other explanation or interpretations of the proposed documents. No such Addendum will be issued during the five (5) days immediately preceding the bid date.

7. PROPOSAL FORM

All proposals must be submitted on forms furnished by the State Building Division, State of Nebraska, and must be legibly written in ink or by typewriter. PROPOSAL FORMS will be provided in the Project Manual for use for submittal for this project. No alteration in proposals by erasure, interlineations, or insertions will be permitted.

8. FILING OF PROPOSALS

Each proposal shall be enclosed in a sealed envelope endorsed "Proposal for (Name Project, Letting Time and Name of Bidder)" and filed with the DAS/State Building Division, State of Nebraska, located at Lincoln, Nebraska, prior to the time set for the opening of bids. No bid will be considered which has not been filed with the DAS/State Building Division before the time set in the advertisement.
No bidder may submit more than one proposal. Two proposals under different names will not be received from one firm or corporation.

Filing proposals utilizing the FAX copy system will not be acceptable.

9. SIGNATURE OF BIDDERS

Each proposal must be signed in ink with the full name of each person, firm or corporation interested in it, together with their business address or place of residence.

Bids which are signed for a partnership should be signed in the form name by at least one of the partners or in the firm name by an attorney-in-fact. If signed by an attorney-in-fact, there should be attached to the bid a power of attorney evidencing authority to sign the bid, executed by the partners.

Bids which are signed for a corporation should have the correct corporate name there of and the signature of the president or other authorized officer of the corporation manually written below the corporation name following the words: "By_____."

10. WITHDRAWAL OF BIDS

Any bidder may withdraw his bid at any time prior to the scheduled time for receipt of bids.

11. ACCEPTANCE OF BIDS

The DAS/State Building Division, State of Nebraska, reserves the right to waive any technicalities or informalities in bids and to accept or reject any or all bids when the Building Division considers it to be for the best interests of the State of Nebraska.

Where bidders attempt to condition their bids by stipulations not contained in the proposed contract documents, such bids may be disregarded as not responsive to the terms of the proposed Contract.

In submitting the proposal, the bidder agrees that the proposal may not be withdrawn during the period of sixty (60) days following the date of opening of the bids.

12. ALTERNATE PROPOSALS

All alternate proposals, when requested in the Proposal Form, shall be subject to the Owner's acceptance or rejection until 45 days after the Contractor has in writing informed the DAS/State Building Division he is withdrawing the alternate proposals.

13. BASIS OF AWARD OF CONTRACTS

The DAS/State Building Division, State of Nebraska, will not award the Contract to any bidder who does not furnish upon request satisfactory evidence that he has the necessary ability and experience in work of this character, and necessary financial resources, facilities, and plant to enable him to prosecute the same successfully and promptly and complete it within the time required in the contract.

Contract award, if made, will be to the responsible bidder submitting the lowest acceptable bid.

The term "lowest acceptable bid" used in the above paragraph is defined as the accepted Proposal offering the lowest total price for the combination of base bid and any alternate bids selected by the DAS/State Building Division.

14. WHEN AWARD EFFECTIVE

The Contract shall be deemed as having been awarded when formal written notice of award shall have been duly served upon the intended awardee (i.e., the bidder to whom the Owner contemplates awarding the contract) by the DAS/State Building Division.

15. FORMAL CONTRACT AND CONTRACT SECURITY

The successful bidder or bidders will be required to enter into a formal contract with the DAS/State Building Division, State of Nebraska. Form of Contract shall be same as the sample included in the Project Manual.

The successful bidder or bidders shall furnish a surety bond in an amount at least equal to 100 percent of the contract price as security for the faithful performance of this contract and for the payment of all persons performing labor and furnishing material in connection with this Contract. The bond to be executed by an acceptable surety company or companies authorized to execute surety bonds in the State of Nebraska. Form of performance and payment bonds shall be AIA Document No. A-312, Performance Bond and Payment Bond.

16. TIME OF COMPLETION

The Contractor shall commence work under the Contract after signing of Contract by both parties and shall fully complete all work thereunder within the time limit designated in the specifications and to be made a part of the Contract.

17. NUMBER OF COUNTERPARTS OF CONTRACT AND BOND REQUIRED

There shall be executed one (1) copy of the Contract Performance and Payment Bond and three (3) counterparts of the Contract.

18. NON-RESIDENT CONTRACTORS--REGISTRATION

Non-resident firms shall comply with the registration requirements and payment of fees to the Tax Commissioner of the State of Nebraska as defined in Sections 77-3101 through 77-3112, Revised Reissue Statutes of Nebraska.

19. FAIR LABOR STANDARDS

The proposal and the form of Contract contain a statement that the bidder is complying with, and will continue to comply with, fair labor standards in the pursuit of his business and in the execution of the work contemplated in this proposal.

Fair labor standards shall be construed to mean such a scale of wages and conditions of employment as are paid and maintained by at least fifty percent of the contractors in the area in the same business or field of endeavor as the contractor filing this proposal.

20. EXEMPTION FROM PAYMENT OF NEBRASKA SALES/USE TAX

The Contractor is exempt from payment of the Nebraska Sales/Use Tax under the regulations of the Nebraska Department of Revenue Act of 1967. The DAS/State Building Division will issue an Appointment of Purchasing Agent form and Exemption Certificates to the Contractor

to be used for this project.

END OF SECTION 00200

GENERAL CONDITIONS

INDEX

Rev. Date 01/31/12

GENERAL CONDITIONS

1. DEFINITIONS

The "DAS/State Building Division," sometimes referred to as the Owner or Department, and the "Contractor" are those named as such in the Contract.

The "DAS/State Building Division" is the Department of Administrative Services (DAS)/State Building Division of the State of Nebraska.

The "Architect/Engineer" is the Architect/Engineer of the DAS/State Building Division. He may act personally or by and through such assistants as may be duly authorized to act for him; but whenever in these conditions the word "Architect/Engineer" is used, it shall be understood as referring to the Architect/Engineer appointed by the DAS/State Building Division and not to any assistant.

The "Consultant" is the consulting architect or engineer that the Department may have employed to perform professional services required for the planning and construction of this project.

The term "the work" or "Work of the Contractor" includes labor or materials or both, equipment, transportation, and other facilities necessary to complete the Contract.

The term "Subcontractor" as employed herein, includes any person, firm or corporation having a direct contract with the Contractor to supply labor or materials or both for work of the Contractor, but does not include those who merely furnish material or materials not fabricated to a special design according to the plans and specifications of this work.

The term "Surety" includes any person, firm or corporation that has executed, as surety, the Contractor's performance bond securing the performance of the Contract.

The words "Plans" and "Drawings" are used synonymously in this Contract.

Wherever the word "Approved", "Approval", "As selected", appear in the specifications, it shall mean approval or selection by the Consultant or Engineer.

2. DEFINITION OF NOTICE

Where in any of the Contract Documents there is any provision with respect to the giving of notice, such notice shall be deemed to have been given; as to the DAS/State Building Division, when written notice shall be delivered to the Administrator of the DAS/State Building Division, or shall have been placed in the United States Mail, first class postage prepaid, addressed to the Administrator of the DAS/State Building Division, as to the Contractor, when written notice shall be delivered to the chief representative of the Contractor at the site of the project or by mailing such written notice in the United States Mail, first class postage prepaid, addressed to the Contractor at the place stated as the address of his permanent place of business in the Proposal Form; as to the Surety on the performance bond, when a written notice is placed in the United States Mail, first class postage prepaid, addressed to the Surety at a home office of such Surety or to its agent or agents who executed such performance bond on behalf of such surety.

3. AUTHORITY OF THE CONSULTANT OR ARCHITECT/ENGINEER

The DAS/State Building Division may for professional service required for certain projects employ consulting architects or engineers -- in these documents referred to as the Consultant. The DAS/State Building Division on certain other projects may direct that the professional services be performed by the staff of the DAS/State Building Division under the direction of the Architect/Engineer. It will clearly be stated in the Advertisement for Bids, Special Conditions, and Contract, whether professional services are being performed by a Consultant or the Architect/Engineer.

Plans and Specifications: The Consultant or Architect/Engineer, working to serve the interests of the Owner, has prepared the plans and specifications and shall make written interpretations of them. He or she shall approve all samples of material which are specified to be submitted for approval, approve the use of any equipment offered in lieu of that mentioned in the specifications and shall check and approve all shop drawings and details. He or she shall make periodic inspections of the project work and shall decide the quality of the work and material incorporated therein. He or she shall decide all questions which may arise as to the fulfillment of the Contract by the Contractor. Decisions by the Consultant or Architect/Engineer with regard to plans and specifications, work and materials, and contract questions, shall be made after consultation with the Owner.

4. CONTRACTOR'S SUPERINTENDENT

During the course of the work on the site, the Contractor shall employ a competent superintendent and any necessary assistants, all satisfactory to the Consultant or the Architect/Engineer. The Superintendent shall not be changed except with the consent of the Consultant or the Architect/Engineer, unless the Superintendent proves to be unsatisfactory to the Contractor and ceased to be in his employ. The Superintendent shall represent the Contractor in his absence and all directions given by him shall be as binding as if given by the Contractor. All decisions by the Superintendent shall be confirmed in writing to the Contractor. Other directions by the Superintendent shall be so confirmed on written request in each case.

5. PLANS AND SPECIFICATIONS -- CORRELATION

The work shall be executed in strict conformity with the plans and specifications.

Plans, drawings, and specifications are cooperative and supplementary. Portions of the work which can best be illustrated by the plans and drawings may not be included in the specifications and portions of the work best described by the specifications may not be depicted on the plans or drawings. All items necessary to construct or erect a complete improvement, project, building or structure shall be furnished whether called for in the specifications or shown on the plans and drawings. Special conditions shall take priority over General Conditions: Detailed Specifications shall take priority over General Specifications and large scale drawings shall take priority over small scale drawings. In case of disagreement between the plans, drawings and specifications, or within any document itself, the better quality or quantity of work shall be estimated and the matter drawn to the attention of the Consultant or Architect/Engineer for decision.

6. SHOP DRAWINGS

All work on which shop drawings are required must be in strict accordance with such drawings when approved and no work for which shop drawings are required is to be started until after the approval of said drawings. Each shop drawing shall be submitted to the Consultant or Architect/Engineer in the quantity specified by the Consultant or Architect/Engineer. Sufficient quantity shall be submitted to provide three sets of all approved submittals to the Owner.

All shop drawings must be checked and completed in every respect, numbered consecutively, have the name of the project printed thereon, and each lot must be submitted accompanied by a

letter of transmission referring to the number of drawings and the name of project for identification and especially drawing the Consultant's or Architect/Engineer's attention to any modification of plans and specifications that may have been made.

The Contractor shall make any corrections required by the Consultant or Engineer and resubmit corrected sets to him for approval in the same quantity as the initial submittal.

After the shop drawings have been approved, any portion of shop drawings which modify the plans shall be rejected as soon as such modification is discovered unless said modification has been specifically pointed out to the Consultant or Architect/Engineer as stipulated above and specific approval secured. The approval of such shop drawings will be only general in character and shall in no way relieve the Contractor from any responsibility for the accuracy of the shop drawings or from proper fitting and construction of the work, or from the necessity of furnishing all materials and workmanship required by the drawings and specifications which may not be indicated on shop drawings when approved.

7. MATERIALS -- TESTS AND STANDARDS

Samples of materials selected by the Consultant or Architect/Engineer to be tested must be furnished by the Contractor. Tests will be made at no cost to the Contractor. Where not otherwise specified, all materials shall meet the American Standards for Testing of Materials (A.S.T.M.) Standard or tentative specifications for that material. The Contractor, when requested, shall furnish a sample of all material which shall be kept on the job as basis for comparison of material incorporated in the Work.

8. OBSOLETE EQUIPMENT

It is important that the DAS/State Building Division be protected as much as possible against the discontinuance of the make of equipment to be purchased, and that repair parts, and services of expert factory representatives, be made available if desired. Under these conditions the Contractor shall not furnish equipment not currently in production.

9. PATENTS

The Contractor and his Surety shall hold harmless the DAS/State Building Division, its officers, agents, and employees from liability of any nature or kind including costs and expenses, for or on account of any patented invention, articles or appliances manufactured or used in the performance of this Contract unless otherwise specifically stipulated in this Contract.

10. OTHER CONTRACTS

The DAS/State Building Division may award contracts for additional work and the Contractor shall fully cooperate with such other contractors and carefully fit his own work to that provided under the other contracts as may be directed by the Consultant or Architect/Engineer. If the Contractor commits or permits any act which interferes with the performance of work by any other contractor, this shall be grounds for termination of the contract.

11. ASSIGNMENT OF CONTRACT

The Contractor shall not assign this Contract or any part hereof without the written consent of the DAS/State Building Division. No assignment of this Contract shall be valid unless it contains a provision that the funds to be paid to the Assignee under the Assignment are subject to a prior lien for services rendered or materials supplied for the performance of work called for in said Contract in favor of all persons, firms, or corporations rendering such services or supplying such materials.

12. SUBCONTRACTING

The Contractor shall be fully responsible to the DAS/State Building Division for the acts and omissions of his subcontractors and of persons either directly or indirectly employed by them. The Contractor shall be responsible for assigning, coordinating, and achieving completion of all subcontracted work to satisfy all requirements of the Contract Documents in a timely and proper manner. All subcontracted work shall be subject to all requirements of the Contract Documents except those legal contractual duties for which only the Contractor has exclusive responsibility as specifically assigned by the Contract Documents. Nothing contained in the Contract shall create any Contractual relation between any subcontractor and the DAS/State Building Division. The attention of the Contractor and subcontractors are called to the Contract Documents which are part of this Contract. The Contractor must notify the DAS/State Building Division of each subcontract he intends to award, giving:

Name and address of subcontractor
Branch of work concerned
Total price of subcontract

No part of this Contract shall be sublet without prior approval of the DAS/State Building Division.

13. CONTRACTOR'S INSURANCE

The Contractor shall not commence work under this Contract until he or she has obtained all the insurance required hereunder and such insurance has been approved by the Owner nor shall the Contractor allow any subcontractor to commence work on his subcontract until all similar insurance required of the subcontractor has been obtained and approved by the Owner (or Contractor). Approval of the insurance by the Owner shall not relieve or decrease the liability of the Contractor hereunder.

If by the terms of any insurance a mandatory deductible is required, or if the Contractor elects to increase the mandatory deductible amount, the contractor shall be responsible for payment of the amount of the deductible in the event of a paid claim.

(a) WORKERS' COMPENSATION INSURANCE

The Contractor shall take out and maintain during the life of this Contract the statutory Workers' Compensation and Employer's Liability Insurance for all of his employees to be engaged in work on the project under this Contract and, in case any such work is sublet, the Contractor shall require the subcontractor similarly to provide Worker's Compensation and Employer's Liability Insurance for all of the latter's employees to be engaged in such work. This policy shall be written to meet the statutory requirements for the state in which the work is to be performed, including Occupational Disease. Where applicable, this policy shall provide USL&H coverage. This policy shall include a waiver of subrogation in favor of the Owner. The amounts of such insurance shall not be less than the limits stated hereinafter.

(b) COMMERCIAL GENERAL LIABILITY INSURANCE AND COMMERCIAL AUTOMOBILE LIABILITY INSURANCE

The Contractor shall take out and maintain during the life of this Contract such Commercial General Liability Insurance and Commercial Automobile Liability Insurance as shall protect him and any subcontractor performing work covered by this Contract from claims for damages for bodily injury, including death, as well as from claims for property damage, which may arise from operations under this Contract, whether such operation be by himself or by any subcontractor or by anyone directly or indirectly employed by either of them, and the amounts of such insurance shall not be less than limits stated hereinafter.

The Commercial General Liability Insurance shall be written on an occurrence basis, and provide Premises/Operations, Products/Completed Operations, Independent Contractors, Personal Injury and Contractual Liability coverages. The policy shall include the Owner, and others as required by the Contract Documents, as an Additional Insured. This policy shall be primary, and any insurance or self-insurance carried by the Owner shall be considered excess and non-contributory.

The Commercial Automobile Liability Insurance shall be written to cover all Owned, Non-owned and Hired vehicles.

(c) INSURANCE-BUILDER'S RISK

Unless otherwise provided, the Contractor shall purchase and maintain Builder's Risk Insurance for the entire value of the project and work site, from a company or companies lawfully authorized and licensed to do business in the jurisdiction in which the Project is located. This insurance shall be written to cover all risks of direct physical loss, and shall include interests of the Owner, the Contractor, and Sub-contractors in the Work. A loss insured under this insurance shall be adjusted with the Owner and made payable to the Owner as fiduciary for the insureds, as their interests may appear.

(d) INSURANCE COVERAGE AMOUNTS REQUIRED

.1	Workers' Compensation and Employer's Liability	
	Coverage A	Statutory
	Coverage B	
	Bodily Injury by Accident	$100,000 each accident
	Bodily Injury by Disease	$500,000 policy limit
	Bodily Injury by Disease	$100,000 each employee
.2	Commercial General Liability	
	General Aggregate	$2,000,000
	Products/Completed Operations Aggregate	$2,000,000
	Personal/Advertising Injury	$1,000,000 any one person
	Bodily Injury/Property Damage	$1,000,000 per occurrence
	Fire Damage	$50,000 any one fire
	Medical Payments	$5,000 any one person
.3	Commercial Automobile Liability	
	Bodily Injury/Property Damage	$1,000,000 combined single limit
.4	Umbrella/Excess Liability	
	Over primary insurance	$1,000,000 per occurrence
.5	Builder's Risk	100% of work completed values.

14. EVIDENCE OF COVERAGE

The Contractor shall furnish the Owner with a certificate of insurance coverage, which shall be submitted in duplicate to the Department of Administrative Services, Risk Management Division, 301 Centennial Mall South, Lincoln, NE 68508. These certificates shall include the name of the company, policy numbers, and effective dates, dates of expiration and amounts and types of coverage afforded. If the Owner is damaged by the failure of the Contractor to maintain such insurance, then the Contractor shall be responsible for all reasonable costs properly attributable thereto.

The following clauses or endorsements must be added to the certificates for the required types of insurance. If the clause or endorsement is placed on the reverse side of such certificate, the

signature of the official of the company who signs the certificate should follow it. All certificates must contain the following two clauses or endorsements:

"The insurance contract referred to herein provides complete coverage within the limits stated for the types of insurance mentioned covering all the insured's operations in connection with the insured's contract on the State of Nebraska 1526 Building Remodel – Asbestos Abatement."

"Said insurance contract also provides that it cannot be canceled by the insurer in less than thirty days after the insured has been given written notice of such cancellation."

15. PROTECTION OF PERSONS AND PROPERTY

The Contractor shall take all reasonable and proper precautions to protect persons and property from injury or damage resulting from his or her operation under this Contract. The requirements of the Nebraska Safety Codes adopted by the Nebraska State Department of Labor shall be applicable.

The Contractor shall protect all existing buildings, roadways, landscaping, and utilities against damage or interruption of services. It shall be the responsibility of the Contractor to correct health or safety hazards and repair property damage that results from their work. Such corrections shall be performed to restore conditions to at least the quality that existed at the time of commencement of this Work.

16. PROSECUTION OF THE WORK AND COMPLETION DATE

The work embraced in this Contract shall be started on the earliest possible date after the signing of contracts by both parties, and shall be carried on regularly and uninterruptedly thereafter, with such forces and by such means as will insure final completion of the entire Contract on or before the completion date set in the documents. The time of beginning, rate of progress and time of completion are essential conditions of the Contract.

The Contractor expressly agrees that in undertaking to complete the work within the Contract period fixed in the Contract Documents, he has taken into consideration and made allowances for all delays and hindrances incidental to such work, whether growing out of delays in securing materials or workmen, or otherwise.

Should the Contractor be delayed in the prosecution and completion of the work by a cause beyond his control, he shall have no claim or right of action for damages from the Owner for any such cause or delay. The Contractor may in such case be granted an extension of time specified for completion of the work as the Owner may award in writing on account of such delay; provided however, that claim for extension of time is made by the Contractor to the Owner, through the Consultant or Architect/Engineer, in writing, within two weeks from the time when such alleged cause for delay occurred. The Owner reserves the right to withhold granting of any time extensions until the stipulated Contract period is about to expire.

The Owner, at his discretion, may waive the above requirements and grant extensions of time for any reasons he deems valid. Time extensions will not be considered for weather delays unless the Contractor provides documentation of the days and hours his or her forces could not be on the job site due to the weather.

An extension of the Contract period may be granted by the Owner for any of the following reasons:

(a) Additional work resulting from modification of the plan for the project.
(b) Delays caused by the Owner.

(c) Other reasons beyond the control of the Contractor which in the Owners' judgment would justify such extension.

No extension of the Contract period will be allowed for variation between contract quantities and actual quantities which cannot be predetermined and which amount to less than twenty-five percent (25%) of the contract quantities.

17. SURVEY STAKES AND LEVELS

The Contractor, unless otherwise specified, will stake out the project work and shall furnish and maintain the batter boards, level, etc.

The Contractor must carefully preserve bench marks and reference points established by the Consultant or Architect/Engineer; in case of their destruction, the Contractor will replace them and be responsible for any mistakes that may be caused by their loss or disturbance.

18. USE OF JOB SITE

The Contractor shall confine his or her equipment, apparatus, the storage of materials, and operations of his or her workers to limits indicated by law, ordinance, permits, or directions of the DAS/State Building Division and shall not unnecessarily encumber the premises with his materials.

The Contractor shall not load or permit any part of a structure to be loaded with a weight that will endanger its safety. The Contractor shall enforce the Consultant's or Architect/Engineer's instructions regarding signs, advertisement, fires, and smoke.

19. LABOR

All labor shall be performed in best and most workmanlike manner by mechanics skilled in their respective trades. The standards of the work required throughout shall be of such quality as will produce only first class results.

Mechanics whose work is unsatisfactory to the Consultant or Architect/Engineer, or are considered to be unskilled or otherwise objectionable, shall be instantly dismissed from the work upon notice to the Contractor from the Consultant or Architect/Engineer.

Contractors and subcontractors employed upon the work shall be required to conform to the labor laws of the State of Nebraska, and the various acts amendatory and supplementary thereto; and to all other laws, ordinances, and legal requirements applicable thereto.

20. INSPECTION

The DAS/State Building Division, through its authorized representatives and agents, shall be permitted to inspect all work, materials, payrolls, records of personnel, invoices of materials, and any data and records.

The Architect/Engineer shall, at all times, have access to the work and the premises used by the Contractor and to all places of manufacture where materials are being made for use under this Contract, and shall have full facilities for determining that such materials are being made strictly in accordance with the plans and specifications.

21. DEFECTIVE WORK OR MATERIAL

Work or material not in accordance with the Plans and Specifications, or in any way defective shall be removed at once on order of the Consultant or Architect/Engineer. The Contractor shall replace

or rebuild at Contractor's own expense with satisfactory material and in a professional manner any work so removed and shall reimburse the DAS/State Building Division or any expense that it is put to by reason of extra work, and shall reimburse any other contractor who may incur expense caused by removal of the defective work.

22. TERMINATION FOR BREACH

In event that any of the provisions of this Contract are violated by the Contractor or any of his subcontractors, the DAS/State Building Division may serve written notice upon the Contractor and the Surety of its intention to terminate the Contract, and unless within ten (10) days after the serving of such notice upon the Contractor such violation shall cease and satisfactory arrangements for correction be made, the Contract shall, upon the expiration of said ten (10) days cease and terminate. In the event of any such termination, the DAS/State Building Division shall immediately serve notice thereof upon the Surety and the Contractor. The Owner may take over the work and prosecute the same to completion of Contract for the account and at the expense of the Contractor. The Contractor and his Surety shall be liable to the DAS/State Building Division for any excess cost occasioned the DAS/State Building Division thereby and in such event the DAS/State Building Division may take possession of and utilize in completing the work, such materials, appliances, and plant as may be on the site of the work and necessary therefore. Neither the Owner nor any member or employee thereof shall be in any way liable or accountable to the Contractor or his surety for the method by which the completion of the said work, or any portion thereof, may be accomplished or for the price paid therefore.

23. CONSTRUCTION REPORTS -- PAYMENT ESTIMATES

The Contractor shall submit to the Owner a schedule of values and quantities of materials and of other related items. The schedule(s) shall be in a form that correlates to the estimates upon which they are based, or as the Owner may require.

The Contractor shall submit to the Owner the following records on forms to be supplied by the Contractor (Notice - AIA Document forms shall be the latest edition):

(a) AIA Document G702, Application and Certification for Payment
(b) AIA Document G703, Continuation Sheet (Schedule of Values)

24. PAYMENT

So long as the work herein contracted for is carried out in accordance with the provisions of the Contract, the Contractor will, on or before the 25th day of each month, make an appropriate estimate of the value of the work performed during the month and the materials suitably stored on the work site, and shall prepare an Application And Certification For Payment and the Continuation Sheet and submit them to the Consultant. Within seven days after receipt of such Application And Certification For Payment it shall be approved either in whole or in part by the Consultant or Architect/Engineer, or disapproved. If disapproved, the Pay Application shall be corrected by the Contractor. Once a payment is approved, then the DAS/State Building Division will pay to the Contractor in State warrants, and in accordance with the payment provisions in the Agreement and these General Conditions, the amount approved, which shall be ninety percent (90%) of completed work and stored materials. The DAS/State Building Division may at any time reserve and retain payment as authorized in Provision #27 of these General Conditions. However, prior to final payment, the total paid to the Contractor shall not exceed ninety percent (90%) of the estimated value of the work performed and materials stored at the site.

The Contractor shall pay:

(1) for all transportation and utility services not later than the 20th day of the calendar month

following that in which such services are rendered;

(2) for all articles, tools, and other expendable equipment for at least 90% of cost thereof, not later than the 20th day of the calendar month following that in which such materials, tools, and equipment are delivered to and properly stored at the site of the project, and the balance of the cost thereof not later than the 30th day following the completion of that part of the work in which such materials, tools, and equipment are incorporated or used; and

(3) to each of his subcontractors not later than the 5th day following each payment to the Contractor, the respective amounts allowed the Contractor on account of the work performed by his subcontractors, to the extent of each such subcontractor's interest therein.

25. EXTRA, ADDITIONAL OR OMITTED WORK -- PAYMENT FOR

The DAS/State Building Division shall have the right at any time and without notice to the Sureties, to alter and modify the Plans and Specifications, thus making specific changes in the construction, details, or execution of the work. All changes in plans and specifications will be made by the DAS/State Building Division in writing. The Contractor shall make such alterations as may thus be ordered by the DAS/State Building Division and in case these changes increase or decrease the amount of work to be done under this Contract, equitable amounts in price and time will be added to or deducted from the Contract price and Contract time. The amount of such increase or decrease shall be agreed upon between the Owner and the Contractor BEFORE the changes are made.

When directed in writing by the Consultant or Architect/Engineer and with approval of the DAS/State Building Division, the Contractor shall furnish all material and labor not otherwise provided for by the terms of this Contract, but which may be connected with or necessary to the proper completion of the Work. Such material and labor shall be furnished and completed as part of this Contract and subject to its provisions. The payment for any such work shall be determined by agreement between the Owner and the Contractor before the extra work is commenced, either on the basis of the unit price, or a lump sum price, or on a limited cost-plus basis not to exceed the specified limit.

The payment for extra, additional or omitted work to be performed by the contractor or subcontractors using their own forces shall be as follows: for all labor and foreman in direct charge of the specific operations, including liability and workers' compensation, the Contractor shall receive the wage rate agreed upon in writing before starting such work, for each hour that said labor, teams and foreman are actually engaged in such work, to which shall be added an amount for profit and overhead combined equal to 10% of the sum thereof. The wages of any foreman or time keeper, who is employed partly on "cost-plus" work and partly on other work, shall be prorated between the two classes of work according to the number of employees employed on each class of work as shown by the payroll.

For all materials being permanently incorporated or installed into the Work, the Contractor shall receive the actual cost of such material delivered to the Work, including freight and handling charges as shown by original receipted bills, to which cost shall be added a sum equal to an amount of 10% thereof for profit and overhead combined as agreed to in advance by the Owner.

If it is necessary for the Contractor to rent equipment in the performance of such work, he will be allowed the actual rental price paid, if reasonable, for the actual time that such equipment is in use on the work and to which sum 10% shall be added for profit and overhead combined.

For contractors and subcontractors, prices submitted by their respective subcontractors for labor, materials, rentals, overhead and profit may be marked up a maximum of 5%.

No claims for extra work will be allowed unless accompanied by a written Change Order from the Consultant or Architect/Engineer and approved by the DAS/State Building Division authorizing such extra work and defining the agreed basis of payment. Change Orders shall be documented on AIA Form G701 prepared by the Consultant or Architect/Engineer.

The Contractor shall, immediately after completing extra work, file with the Architect/Engineer, in writing, all claims for extra work performed. If the Contractor fails to make such claims within 30 days, Contractor's right to extra pay for such work shall be deemed to have been waived and forfeited and he or she shall not be entitled to any payment on account of such extra work.

26. CONTRACTOR'S PAYMENTS FOR LABOR AND MATERIALS

The Contractor shall pay for all labor and materials used or furnished in the performance of this Contract. Before final payment, the Contractor must certify that all bills for labor and materials have been paid. In event he is requested and fails to furnish satisfactory evidence, the DAS/State Building Division may withhold any payments until it is satisfied that all such claims have been paid.

27. OWNER'S RIGHT TO WITHHOLD PAYMENT AND MAKE APPLICATION THEREOF

In addition to the payment to be retained by the DAS/State Building Division under the preceding provisions of these General Conditions, the DAS/State Building Division may withhold a sufficient amount of any payment otherwise due to the Contractor to cover:

(a) payments that may be earned or due for just claims for labor or materials furnished in and about the performance of the work on the project under this Contract;

(b) for defective work not remedied, and for damage to existing conditions or new work not remedied; and

(c) for failure of the Contractor to make proper payments to his subcontractor.

The DAS/State Building Division shall disburse and shall have the right to act as agent for the Contractor in disbursing such funds as have been withheld pursuant to this paragraph to the party or parties who are entitled to payment therefrom. The DAS/State Building Division will render to the Contractor a proper accounting of all such funds disbursed on behalf of the Contractor.

28. CLEAN UP

On or before the completion of the work, the Contractor shall clean all parts of the Work under his Contract. He or she shall remove all rubbish and all his materials, tools, and equipment from the construction site, leaving the site in a condition as good or better than that existing at commencement of the Work.

The Contractor shall from time to time clean up and remove from the project rubbish and debris resulting from his work, and shall at completion of the Work remove all construction materials and equipment, leaving the project and site clean.

29. FINAL INSPECTION

When the work has been substantially completed, the Contractor shall notify the Consultant or Architect/Engineer, in writing, that the work is ready for final inspection and testing on a definite date and time as stated in such notice. The notice shall be given at least ten (10) days in advance

of said date.

After the final inspection has been completed, the Consultant or Architect/Engineer shall present to the Contractor and the DAS/State Building Division a report ("punch list") listing all deficiencies found in the inspection of the Contractor's work which are to be corrected. The Contractor shall immediately make the required corrections to remove the deficiencies reported by the Consultant or Architect/Engineer. When the deficiencies have been removed, the Contractor shall request in writing a reinspection of the work by the Consultant or Architect/Engineer.

30. FINAL PAYMENT

As soon as practical after completion and acceptance of the Work, the Contractor shall prepare a final payment statement showing the final payment due. After approval by the Contractor, the Consultant or Architect/Engineer and the DAS/State Building Division, the final payment shall be processed in accordance with the payment provisions of the Agreement and the General Conditions.

31. GUARANTEE OF WORK

(a) Except as otherwise specified all work shall be guaranteed by the Contractor against defects resulting from the use of inferior materials, equipment or workmanship for one year from the date of final completion of the Contract.

(b) If, within any guarantee period, repairs or changes are required in connection with the guaranteed work, which, in the opinion of the Consultant or Architect/Engineer are rendered necessary as a result of the use of materials, equipment, or workmanship which are inferior, defective, or not in accordance with the Contract, the Contractor shall, promptly upon receipt of notice from the Owner, and without expense to the Owner:

(1) Place in satisfactory condition all of such guaranteed work, correct all defects therein, and
(2) Make good all damages to the building or project work, or equipment or contents thereof, which, in the opinion of the Consultant or Architect/Engineer is the result of the use of materials, equipment or workmanship which are inferior, defective, or not in accordance with the terms of the Contract; and
(3) Make good any work or materials, or the equipment and contents of said building or project work disturbed in fulfilling any such guarantee.

(c) In any case where fulfilling the requirements of the Contract, and guarantees, the Contractor disturbs any work guaranteed under another contract, he shall restore such disturbed work to a condition satisfactory to the Consultant or Architect/Engineer and guarantee such restored work to the same extent as it was guaranteed under such other contract.

(d) If the Contractor, 30 days after notice, fails to comply with the terms of the guarantee, the Owner may have defects corrected and the Contractor and Contractor’s Surety shall be liable for all expenses incurred.

(e) All special guarantees applicable to definite parts of the work that may be required by the Contract Documents shall be subject to the terms of Provision #31(a) through (e) during the first year of the life of such guarantee.

32. UNEMPLOYMENT COMPENSATION FUND

The Contractor shall make payments to the Unemployment Compensation Fund of the State of Nebraska all contributions and interest due under the provisions of Section 48-601 to 48-669,

Revised Reissue Statute of Nebraska, on wages paid to individuals employed in the performance of this Contract as required by Section 48-657, Revise Reissued Statute of Nebraska.

Under the requirements of Section 48-657, Revised Reissue Statute of Nebraska, the Das/State Building Division cannot make payment to the Contractor on the final three percent (3%) of the Contract without first receiving from the Contractor a written clearance from the Commissioner of Labor certifying that all payments then due for contributions or interest which may have arisen under such Contract have been made by the Contractor, or his subcontractors, to the Unemployment Compensation Fund.

33. PRECONSTRUCTION CONFERENCE

A preconstruction conference shall be scheduled before starting construction, no later than 15 days after the date of the Agreement. It shall be held at the project site, or other convenient location. The meeting shall review responsibilities and personnel assignments of the Owner, Contractor, and the Consultant.

Authorized representatives of the Owner, Contractor, and the Consultant shall attend the preconstruction conference, as will the Contractor's superintendent, major subcontractors, manufacturers, suppliers, and other parties integral to the completion of the Work. All participants shall be familiar with the project and authorized to make decisions for the entities they represent.

The preconstruction conference will include discussion of items necessary for project progress and successful completion, such as: construction scheduling; critical work sequencing; designation of responsible personnel; procedures for processing field decisions and change orders; procedures for processing Applications for Payment; distribution of Contract Documents; submission of Shop Drawings and product data a samples; preparation of record documents; use of the premises; parking availability; office, work, and storage areas; equipment deliveries and priorities; safety and first aid procedures; security; housekeeping; working hours; and other matters deemed important by the Owner.

34. WORK ELIGIBILITY STATUS OF EMPLOYEES

The Contractor is required and hereby agrees to use a federal immigration verification system to determine the work eligibility status of new employees physically performing services within the State of Nebraska. A federal immigration verification system means the electronic verification of the work authorization program authorized by the Illegal Immigration Reform and Immigrant Responsibility Act of 1996, 8 U.S.C. 1324a, known as the E-Verify Program, or an equivalent federal program designated by the United States Department of Homeland Security or other federal agency authorized to verify the work eligibility status of a newly hired employee.

If the Contractor is an individual or sole proprietorship, the following applies:

1. The Contractor must complete the United States Citizenship Attestation Form, available on the Department of Administrative Services website at www.das.state.ne.us.
2. If the Contractor indicates on such attestation form that he or she is a qualified alien, the Contractor agrees to provide the US Citizenship and Immigration Services documentation required to verify the Contractor's lawful presence in the United States using the Systematic Alien Verification for Entitlements (SAVE) Program.

3. The Contractor understands and agrees that lawful presence in the United States is required and the Contractor may be disqualified or the contract terminated if such lawful presence cannot be verified as required by Neb. Rev. Stat. §4-108.

END OF GENERAL CONDITIONS

SECTION 008000 – SPECIAL CONDITIONS

1. The following sections of the GENERAL CONDITIONS shall be deleted in full unless otherwise noted:

2. PROFESSIONAL SERVICES

   N/A

3. SANITARY FACILITIES

   The existing sanitary facilities within the building are available for use by the workmen. Sanitary facilities shall be kept clean throughout the duration of the Contract.

4. UTILITIES

   Water and electrical service is available for the Contractor's use at no extra cost to the Contractor. The Contractor shall furnish his own connecting lines, pipes, hoses, etc., from the source made available by the Owner.

5. SPECIAL REQUIREMENTS FOR STATE BUILDING DIVISION CONSTRUCTION CONTRACTS

   The Contractor, upon signing the Contract, agrees to comply with the following Special Requirements:

   FAIR LABOR STANDARDS
   The undersigned states that he is complying with, and will continue to comply with, fair labor standards in pursuit of his business and in the execution of this Agreement.

   NON-DISCRIMINATION IN EMPLOYMENT
   The undersigned agrees that in performance of this Agreement neither he nor his subcontractors will discriminate against any of their employees or applicants for employment concerning the employees' or applicants' hire, tenure, terms, conditions, or privileges of employment based on the employees' or applicants' race, color, religion, sex, marital status, age, disability, or national origin.

   DRUG FREE WORK PLACE POLICY
   The Contractor certifies that as a condition of the Agreement neither the Contractor nor any employee of the Contractor shall engage in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance in conducting any activity covered by this Agreement. The Department of Administrative Services reserves the right to request a copy of the Contractor's Drug Free Workplace policy. The Contractor further agrees to insert a provision similar to this statement in all subcontracts for services required under this Agreement.

AMERICANS WITH DISABILITIES ACT
All provisions of this Agreement are subject to the Americans With Disabilities Act (29 C.F.R. 1601, 28 C.F.R. 35).

CONTRACT AGREEMENT SOLICITATION STATEMENT
As per requirements of Sections 81-1716 through 81-1719, Revised Statutes of Nebraska, 1943, the Contractor warrants that he has not employed or retained any company or person, other than bonafide employees working for him, to solicit or secure this agreement and that he has not paid, or agreed to pay, any person, company, corporation, individual, or firm, other than a bonafide employee working solely for him, any fee, commission, percentage, gift, or any other consideration contingent upon or resulting from the award for the making of this agreement.

6. PRE-CONSTRUCTION CONFERENCE

Prior to commencement of on-site work, the Contractor and any Subcontractors shall meet at the project site with the SBD Project Manager and representatives of the Facility for the purpose of reviewing the materials, methods, and procedures to be followed in performing the work in compliance with the Contract Documents.
NOTICE: All listed materials approval submittals shall be approved by the SBD Project Manager before the Pre-Construction Conference is scheduled.

7. SUBSTITUTE MATERIAL SPECIFICATIONS

If the Contractor desires to substitute any material for that specified in these project documents, the Contractor shall submit specifications for each substitute material to the SBD Project Manager for approval before bid opening. Such submittals shall be made in time to be received by the SBD Project Manager a minimum of seven (7) working days before the bids due date to allow for examination and notification of action to prospective bidders.

8. AIA DOCUMENTS

American Institute of Architects (A.I.A) Documents referred to in the project documents are available at: A.I.A. Nebraska, 102 Architecture Hall, University of Nebraska, P.O. Box 8045, Lincoln, NE 68501-0045; Telephone Number (402) 472-1456.

9. CONSTRUCTION SCHEDULE

The Contractor shall submit a detailed complete construction project schedule to the Engineer for review and approval within (4) weeks of receipt of the signed Contract. The schedule shall include proposed construction start and completion dates, as well as all major construction project milestones. Schedule shall include all project work including Subcontractor work.
The proposed construction schedule is as follows:
Abate Basement Mechanical Rooms, 3rd and 4th floors from March 26, 2012 through June 19, 2012.
Abate 1st and 2nd floors and Basement finished spaces from June 21, 2012 through October 26, 2012.

10. PERMITS, INSPECTIONS, AND FEES

The Contractor shall be responsible for acquisition of and payment for all permits required by Authorities having jurisdiction over this project site. The Contractor shall also be responsible for scheduling and attendance of all Inspections required upon completion of the work and shall pay all fees associated with such inspections.

11. PROGRESS MEETINGS

After start of on-site construction work, progress meetings shall be scheduled at dates and times agreeable to the Contractor, Engineer, and representatives of the facility. Meetings may be held for purposes of discussion of issues including but not limited to construction progress, resolving construction problems, schedule, security and changes.

END OF SECTION 008000

ASBESTOS ABATEMENT SPECIFICATIONS
1526 Building
State of Nebraska

SECTION 1

GENERAL REQUIREMENTS

1.1 All references to "Owner" in this document shall mean **State of Nebraska**. All references to "Owner's Representative" in this document shall mean **ATC Associates Inc**.

1.2 All bidders shall visit the project site before bidding to acquaint themselves with the condition existing. NO claim for extras will be allowed on any item for a failure to satisfy this request.

1.3 All quantities in these asbestos abatement specifications are for bidding purposes only, the contractor is responsible for quantifying the materials in the scope-of-work during the pre-bid site visit. Any discrepancies should be brought to the attention of Owner's Representative as soon as possible and before the bid due date. ACM found inside the work areas shall be the responsibility of the Contractor for abatement at no additional cost to the Owner.

1.4 The Contractor is responsible for security of the work areas in the facility. The contractor shall limit entry into all work areas to their personnel, the Owner's Representative (tech staff, project management), pre-authorized Owner representatives, and governmental regulatory personnel legally entitled to inspect the project.

1.5 All Contractors' employees shall abide by federal, state and local laws and by State of Nebraska's policies while on the project.

1.6 The Contractor's employees are restricted to those areas of the building and grounds directly included in the project. Entry to all other areas is forbidden. Any employee whose conduct is judged unfit by the Owner and/or Owner's Representative shall not be permitted to work on this project.

1.7 Any communications regarding this project shall be directed to the Owner's representative. The Owner's representative for this project is:

ATC Associates Inc.
11117 Mockingbird Drive
Omaha, Nebraska, 68137
PH: 402-679-9747
FX: 402-597-8532

1.8 No other Contractors shall be permitted to perform work in designated asbestos abatement work areas until the asbestos hazard abatement work has been completed.

1.9 Asbestos abatement activities shall be in full accordance with the **Asbestos Abatement Specifications** (Specifications) on file at the office of the Owner at 521 South 14th Street, suite 400, Lincoln, Nebraska 68508.

1.10 Unless otherwise specified, all references to "Contractor" shall mean the licensed asbestos business entity contractor chosen to complete this project.

1.11 Pre-Job Submittals –

The following list of items to be submitted and approved by Owner's Representative prior to start of work:

- A copy of the original Nebraska DHHS and EPA NOTIFICATION OF INTENT TO RENOVATE AND DEMOLISH form.
- Current Contractor Business Entity license to perform asbestos projects in the State of Nebraska.
- Current DHHS Asbestos Abatement Worker or Asbestos Abatement Contractor Supervisor cards for all workers assigned to this project.
- Worker training documentation, medical examinations, fit tests, certifications and training courses relevant to the Project.
- Name proposed landfill disposal location for project asbestos waste, including site address, phone number and contact name.
- Project Work Plan including methods of removal, setup, safety plan, and procedures for completing the description of work.
- Certificates of General Liability and Pollution Liability Insurance with ***State of Nebraska*** named as "additional insured", as follows: see **General Conditions**.

1.12 The prevalent airborne fiber concentration outside the work area shall not become elevated above or equal to 0.01 fibers per cubic centimeter of air (f/cc) using phase contrast microscopy (PCM). If elevated fiber concentrations are detected during the course of this Project, the Contractor shall be required to stop work, to HEPA-vacuum and/or wet clean these areas to the satisfaction of the Owner and the Owner's Representative at the Contractor's expense.

1.13 The Contractor shall bear the full analytical costs, including transportation costs, if it is necessary to confirm and document the airborne asbestos fiber concentrations inside or outside the work area by transmission electron microscopy (TEM) for a rush turn around.

1.14 If the prevalent airborne fiber concentrations inside the work area exceed 1.0 f/cc for an eight-hour time weighted average (TWA_8) exposure sample, during any phase of

this Project, the Contractor shall Stop Work and implement response measures to reduce airborne fiber concentrations to a level less than 1.0 f/cc TWA_8 inside the work area. The contractor is exempt from this requirement if Type "C" supplied air respirators are used.

1.15 Should the Owner's Representative find repeated occurrences of non-conformance with Specifications by the Contractor, official reprimands shall be issued. The Owner shall make the final decision as to whether dismissal is warranted.

1.16 Should the Contractor *fail* the final clearance air sample criteria via PCM and/or TEM, all cost resulting from additional testing and inspections shall be borne by the Contractor. *The cost for failed visual inspections or failed air tests shall be $500.00 per visit.*

1.17 All waste (i.e., brick, metal, mortar, ballast, asbestos waste, etc.) requiring drums must be placed inside the containers on-site by the Contractor. Bags used to secure asbestos-containing waste shall be 6-mil polyethylene. Complete original waste disposal documentation must be submitted to the Owner's Representative immediately after landfill receipt. Documentation must show date/time waste left job site to date/time waste was disposed of at the approved certified landfill. Any layovers between leaving the job site (i.e., stored on the contractors property, etc.) and disposal date must be documented as well.

1.18 If the Contractor uses leased or rented vehicles to transport asbestos-containing waste from the job site, a signed statement from the lease/rental company must be submitted to Owner's Representative stating that the company is aware that their vehicle is being used to transport asbestos-containing waste. All carriers transporting asbestos-containing waste shall be lined with two layers of 6-mil polyethylene. All workers involved in asbestos load-out activities shall wear respirators and protective clothing appropriate to the exposure. **NOTE:** Contractor shall be responsible for securing appropriate permits required by the City of Lincoln and/or the State of Nebraska to place any dumpster(s) on streets or in the parking lot.

1.19 The Contractor shall remove all rubbish and debris incidental to this project periodically from the State of Nebraska property. No trash or debris shall be allowed to be stored except in closed, covered, and locked dumpsters or roll-off boxes.

1.20 Should improper or imperfect materials and/or faulty workmanship be evident, whether before or after inclusion into the work, the contractor shall, upon notification by Owner's Representative, cause the removal of the objectionable materials and or workmanship. The proper materials and/or workmanship shall be installed or accomplished without delay, without additional cost to the Owner.

1.21 The contractor shall furnish all scaffolding, machinery, transportation, tools, utensils, etc., necessary for the proper accomplishment of the project. All items shall be suitable for the use intended, and used in a safe manner, in accordance with OSHA Standard 29 CFR 1926.

1.22 The contractor shall insure his workmen in accordance with state and federal law, and shall hold the Owner and the Owner's Representative harmless for all damage to life

or limb incurred during, or as a result of, the execution of this work under these specifications.

1.23 The Contractor shall maintain a temporary office on-site staffed by their authorized agent(s) each workday. Copies of permits, abatement specifications, marked up to date with all revisions and required regulation shall be kept in this office.

1.24 Unskilled, careless, and otherwise objectionable employees shall be removed by the contractor upon receiving a written request from the Owner's Representative.

1.25 The Contractor's employees are required to evacuate the Owner's buildings during building emergencies (i.e., fire alarms, fire, etc.).

1.26 All the Contractor's employees shall abide by applicable federal, state and local laws and by the Owner's policies while on the premises.

1.27 The Contractor is responsible for providing a non-leaking hose hookup to the on-site local potable water supply to perform the abatement activities.

1.28 The Contractor will protect all non-abatement adjacent areas from water and physical damage.

1.29 Post Job Submittals - The Contractor is responsible for providing required submittals to the Owner's Representative within fifteen (15) days from the time of completion of abatement covered under this contract. The contents of the submittal shall contain the following:

- Original waste disposal receipts (REGULATED ASBESTOS MATERIAL - WASTE SHIPMENT RECORD) signed by appropriate persons
- Contractor license for the State of Nebraska
- EPA Notifications (including all revisions)
- Daily log of project activities (including quantities of materials removed)
- Current fit tests, medical clearances and training certificates for all workers and/or supervisors on the jobsite
- Any governmental correspondence related to this project
- Material Data Sheet for each surfactant, encapsulant or other products used on the project (additional products not submitted prior to start)
- Copies of OSHA air sampling results for the duration of the project.

END OF SECTION 1 - GENERAL REQUIREMENTS

SECTION 2

TECHNICAL HAZARD REMEDIATION SPECIFICATIONS SCOPE OF WORK

PART 1 - WORK TO BE PERFORMED

1.1 DESCRIPTION OF WORK

This Project involves the removal and proper disposal of specific National Emission Standard for Hazardous Air Pollutants (NESHAPS) Regulated Asbestos Containing Materials (ACM) from the former Assurity Building, located at 1526 K Street in Lincoln, Nebraska. The removal work will not include the replacement of specified materials removed. A summary of material to be removed and approximate quantities is:

1. **Spray Applied Fireproofing on beams, decking and overspray (Basement, 1st, 2nd, 3rd, 4th Floors) – approximately 52,000 square feet (SF)**
2. **Spray Applied Acoustical Finish on plaster with overspray (Basement, 1st, 2nd, 3rd, 4th Floors) – approximately 40,000 SF**
3. **Black Floor Mastic under Carpet (4th Floor Addition) – approximately 10,480 SF**
4. **Flooring: 12" Floor Tile and Mastic under carpet throughout) – approximately 5,175 SF**
   9" Floor Tile (mastic negative) – approximately 15,000 SF
5. **Thermal System Insulation Piping & Fittings (Throughout all floors) – approximately 4,000 LF and 1,000 MF**
6. **TSI on Tanks, Boilers, Flue, Gaskets (Basement) – approximately 1,000 SF**
7. **Mechanical Room Ceiling Plaster (1968 Addition Mechanical Room) – approximately 225 SF**
8. **Black Sink Undercoating (4th South 1954 Kitchen) – approximately 2 SF**
9. **Transite Roof Panel – Broken Panel and Debris – approximately 48 SF**
10. **Clean the remaining ventilation systems (ducts, interior of the air handler, below floor return air tunnel, return air chases and all components of the air handling unit exposed to air flow including but not limited to the interior AHU housing, access doors, dampers, perforated liner, cooling coil and supply fan) in accordance with National Air Duct Cleaning Association *ACR Standard: Assessment, Cleaning and Restoration of HVAC Systems, 2006 Edition.***
11. **Selective demolition and disposal as needed to facilitate the asbestos abatement.**

1.2 OWNER'S REPRESENTATIVE

The Owner's Representative: ATC Associates Inc.

1.3 SUBSTANTIAL COMPLETION DATES

Project Time Frame

Project Activity:	Date
Pre-Bid Meeting:	February 22, 2012 at 2:00 PM
Bid Due Date	February 28, 2012 at 2:00 PM
Bid Opening (Submitted to State of Nebraska)	February 28, 2012 at 2:00 PM
Authorization to Proceed	March 26, 2012
Preferred Project End Date	September 28, 2012

1.4 FORM OF PROPOSAL

PROJECT: **Asbestos Abatement at 1526 Building**

OWNER:
Mr. Rodney Anderson
State of Nebraska
521 South 14th Street, suite 400
Lincoln, Nebraska 68508

OWNER's REPRESENTATIVE:
ATC Associates Inc.
11117 Mockingbird Drive
Omaha, Nebraska 68137

BIDS TO:
Mr. John F. Heacock
State of Nebraska
521 South 14th Street, Suite 400
Lincoln, Nebraska 68508
E-mail: john.heacock@nebraska.gov

NAME OF BIDDER: _____

ADDRESS OF BIDDER: _____

_____

_____

TELEPHONE NO: _____

FAX NO.: _____

1. PROPOSAL AMOUNTS

The undersigned, having familiarized himself with all local conditions to be encountered affecting the cost of the work and examined the contract documents prepared by State of Nebraska, and does hereby propose to furnish all labor, materials, equipment, supervision and necessary services to complete the work for the above project. All work is to be performed in accordance with the plans and specifications including any addenda noted herein. The cost of all work covered by this addenda is included in the lump sum price of this proposal.

Addendum No. _____ Date _____
Addendum No. _____ Date _____

Lump Sum Price

A. Completion of all work describe in this document.

$_____

In written amount_____

Price break down per area:		**No. of Days To Complete**
Basement Mech Rooms/Hall/Air Shafts	$_____	_____
4th Floor	$_____	_____
3rd Floor	$_____	_____
2nd Floor	$_____	_____
1st Floor	$_____	_____
Basement Level	$_____	_____

The undersigned agrees to complete all work within _____ calendar days following the award of the project.

Alternate #1:
Removal of approximately 2,800 SF transite panels on roof.

$_____

Alternate #2
Reduction for disposal of light fixtures, ballasts and lamps (not to clean & save lighting).

$_____

Alternate #3
Reduction for not cleaning the interior ducts and air handler as specified in #10.

$_____

Asbestos Unit Prices

The unit prices given below are to be utilized to compute the adjustments to the Contract Sum resulting from scope of work addition/subtraction by Owner. A 24 hour response will be required for the abatement of these materials so the project is not delayed. These unit prices must be all inclusive, additional charges will not be considered for payment.

Labor

Supervisor/Foreman	$ _____ per hour
(Overtime)	$ _____ per hour
Laborer/Worker	$ _____ per hour
(Overtime)	$ _____ per hour

Unit Costs

Floor Tile (ACM)	$ _____ per sq.ft.
Floor Tile and Mastic (ACM)	$ _____ per sq.ft.
Floor Tile Under Carpet (ACM)	$ _____ per sq.ft.
Floor Tile and Mastic Under Carpet (ACM)	$ _____ per sq.ft.
Acoustical Ceiling Plaster (ACM)	$ _____ per sq.ft.
Transite Panels (ACM)	$ _____ per sq.ft.
Sprayed-on fireproofing (ACM)	$ _____ per sq.ft.
TSI Straight Run (ACM)	$ _____ per linear foot
TSI Fittings and Values (ACM)	$ _____ each

2. SUBCONTRACTS

The Bidder agrees that he will subcontract only for the following work and only to those Subcontractors named below:

Work	Description	Subcontractor
_____	_____	_____
_____	_____	_____
_____	_____	_____

3. SCHEDULE

A. The Contractor shall commence work according to the contract schedule. **The Owner preferred schedule is to complete the scope of work in 135 work days.** An estimated timeframe is provided below in which to complete the work. Substantial completion dates shall be in accordance to the Owner's schedule. The current project (02/16/2012) construction schedule is provided in the attachments.

Stage 1: Approximately 70 work days
Basement Mechanical Rooms, Corridor & Air Chases, Third & Fourth Floors

Stage 2: Approximately 65 work days
Basement Remaining, First & Second Floors

Duct cleaning is anticipated to be conducted upon completion of each level.

4. GENERAL AGREEMENTS

A. The Bidder agrees that he has had an opportunity to examine the site and has examined the technical specifications, and that he has carefully prepared his Proposal upon the basis thereof, and that he has carefully examined and checked this Proposal and the materials, equipment, and labor required there under, and cost thereof, and his figures therefore, and hereby states that the amount or amounts set forth in this Proposal is, or are, correct and that no mistake or error has occurred in this proposal or in the Bidder's computations upon which this Proposal is based. The bidder is responsible for verifying the quantities listed in Section 1.1 (Description of Work), anticipating the potential encounter and removal of hidden materials (e.g. pipe insulation, covered flooring) within the scope of work and determining the cost of the lump sum bid based on their own estimated quantities during the walkthrough.

B. The Bidder agrees that this bid shall not be withdrawn for a period of 90 calendar days and after the scheduled closing time for receiving bids.

C. The Bidder understands that the Owner will not be liable for any amount in excess of the lump sum bid, except as expressly stated in written Change Orders duly executed and delivered by the Owner.

D. The Bidder declares that in preparing this bid, he has assured himself of the availability of all labor, materials and products to meet the substantial completion date.

E. The Bidder understands that the Owner reserves the right to waive any technicality in any bids and to accept proposals in whole or in part.

5. CHANGE IN WORK

A. The undersigned agrees the lump sum cost provided includes all labor, materials, and time required to complete the project detailed within section 1.1 Scope of Work.

6. ACCEPTANCE OF PROPOSAL

The Undersigned agrees to execute a Contract, provided that we are notified of the acceptance of our Proposal within the Substantial Completion dates provided.

ADDRESS, LEGAL STATUS AND SIGNATURE OF BIDDER

The undersigned Bidder does hereby designate the address given below as the legal address to which all notices, directions, or other communications may be served or mailed:

Name of Company _____
Street _____
City _____ State _____ Zip Code _____
Phone No. _____

The undersigned Bidder does hereby declare that the Bidder has the legal status checked below:

_____Individual
_____Co-partnership
_____Corporation incorporated under the
Laws of the State of _____

The names and addresses of all persons indicated as Partners or as President, Secretary and Treasurer of a Corporation in this Proposal are as follows:

Name	Address

This Proposal is submitted in the name of:

Name of Contractor: _____

Signed By: _____

Title: _____

Signed and sealed this _____day of _____ 2012.

PART 2 - GENERAL

2.1 SCOPE

This Project involves the removal and proper disposal of State of Nebraska and NESHAP-Regulated asbestos-containing materials (ACM) located within 1526 K Street (1526 Buidling Remodel) owned by the State of Nebraska. The abatement and demolition work will require completion of activities in two stages. The first stage consisting of approximately 70 work days will be located in the basement level mechanical rooms, boiler room, pedestrian hallway to the main elevators, air chases, fourth and third floors to remove the ACM. The second stage will commence immediately upon completion of the first stage and consist of approximately 65 work days to complete the subsequent areas: second floor, first floor and the remaining basement areas. It is anticipated the duct cleaning will be conducted upon completion of the abatement work for level. The schedule for the alternate on the roof will be determined at a later date.

2.2 DESCRIPTION OF WORK

2.2.1 Work Specified - The Contractor shall furnish all labor, materials, employee training, services, insurance, and equipment in accordance with requirements of this Specification to complete demolition, asbestos removal and decontamination of designated areas of the 1526 Building listed under Section 1.1 (the Work).

2.2.2 Methods - The Owner's Representative shall approve all removal methods prior to allowing Work to begin. The Contractor shall be responsible for removing all materials and equipment necessary to access ACMs scheduled for removal. The Contractor shall be responsible for decontamination of all surfaces throughout the work area after gross removal of ACMs. The removal Work shall require the Contractor to demolish all necessary building materials such as ceiling grid, ceiling tile and hangars to remove all ACMs.

2.2.3 Scaffolding Platform - Scaffolding shall meet all federal and state requirements including:

OSHA General Industry Standards
29 CFR 1910.28 Subpart D (Safety Requirements for Scaffolding)

OSHA Construction Standards
29 CFR 1926.450, 451, 452 and 454 Subpart L (Scaffolds)

The American National Standards Institute (ANSI) Inc., Safety Requirements for Scaffolding. ANSI A10.8-1977, 1977.

2.2.4 Water Damage - The Contractor shall be responsible for preventing any water from leaking out of the containments. If water leaks occur during abatement, all work should cease until water leaks are stopped and the moisture is cleaned up according to the Owner's satisfaction. Contractor should take extra care to prevent water leakage into lower levels and/or cable trays, penetrations or similar features. Upon completion of abatement activities in each work area the cable trays will be inspected for water damage, pooled water, or asbestos residue, and shall be cleaned by the Contractor to the Owner's satisfaction if any is found. The Contractor shall be responsible for protecting these features.

2.2.5 Contractor Safety - Piping, hanger iron and other roof structures shall not be used to support workers during the removal effort. The Contractor shall be held liable for injuries and/or damages that result from violation of these Specifications. The contractor shall prepare a site-specific safety plan which describes the methods of abatement involving this work specifically. The plan is to be submitted to the Owner or Owners Representative for review and formal approval at least seven days before commencing site preparation or asbestos removal.

2.2.6 Patent Indemnification - The Contractor shall pay all license fees and royalties and assume all cost incident to the use in the performance of Work or the incorporation in the Work of any invention, design, process, product or device which is the subject of patent rights held by others. The Contractor shall indemnify and hold harmless the Owner, Owner's Representative and anyone directly or indirectly employed by them from and against all claims, damages, losses and expenses, including attorneys' fees and court and arbitration cost arising out of any infringement of patent rights incident to the use in performance of the Work of any invention, design, process, product or device specified or not specified in the Contract Documents, and shall defend all such claims in connection with any alleged infringement of such rights.

2.2.7 Electrical – The Contractor shall be responsible for disconnecting the electrical service at the panel. All wiring within the work area shall be removed back to the panel by the Contractor.

2.2.8 Carpeting – The Contractor shall be responsible for the removal and disposal of all carpeting within the building. Miscellaneous flooring and adhesive materials containing asbestos shall be removed and disposed of by the Contractor. Non asbestos carpet glues and mastics shall remain to be removed by others.

2.2.8 Furniture, etc. – The Contractor shall remove all non-contaminated furniture, movable equipment, etc. from the work areas prior to performing the Work unless otherwise specified by the Owner.

2.2.9 Cabinetry, etc. – The Contractor shall adequately protect or remove cabinetry as identified or specified by the Owner.

2.2.10 Electrical – The Contractor shall be responsible for disconnecting the electrical service at the panel. All wiring above the ceiling of the work area shall be removed back to the panel by the Contractor.

2.2.11 Electrical Floor Receptacles – The electrical receptacles on/in the floor (AKA "dog house" or "tombstones") shall be saved for re-use. The Contractor shall be responsible for de-energizing the service to the receptacles and wiring shall remain in place. The Contractor shall disconnect the dog house, store, and wrap the wires to be left in place or protect and remain in place. The Contractor shall be responsible for protection of the existing floor penetration and the receptacle for re-use by the Owner.

2.2.12 Wall-Mounted Clocks - The Contractor shall protect the wall-mounted clocks and other objects fixed to the walls located in the original building unless otherwise specified by the Owner.

2.2.13 Window Treatments and Fence – The Owner shall remove all blinds throughout the building and the fence located on the fourth floor.

2.2.14 Lighting Panels Surface Mounted – Surface mounted light fixtures within the work area are to be disposed of unless otherwise specified by the Owner. The Contractor shall be responsible to hire an electrical contractor to de-energize all lighting and associated wiring prior to removal and disposal. The Contractor shall remove and dispose of all lights and wiring that have been abandoned above lay-in ceilings. Disposal should be according to State and Federal regulations for PCB ballasts and fluorescent tubes.

2.2.15 Lighting Panels Troughed or Lay-In Style – All troughed/lay-in lighting shall be de-energized and disconnected leaving as much wiring at each fixture as possible for maximum flexibility when either reinstalling the existing lights or installing new lights. The light fixtures are to be cleaned and stored. Storage shall include palletized and shrink wrapped to be stored on the floor originated or at the Owner's direction. The Contractor shall remove all light tubes from the assembly and properly dispose of the tubes according to State and Federal regulations. The Contractor shall maintain the lighting fixtures current condition and take necessary care in the dismantling, cleaning and storage to minimize damages. The Contractor shall remove and dispose of the ceiling grid in its entirety. Alternate 1 provides the owner a consideration for the cost savings associated with the Contractor to dispose of the lights compared to re-use as needed.

2.2.16 Above Ceiling Demolition – The Contractor shall remove and discard all 2'x4' ceiling panels, diffusers, electrical wirings and fixtures in the lay-in acoustical ceiling. All hangers shall be removed and discarded if the duct is called out to be removed in the demolition plans. The exception may be the light fixtures which are addressed in an alternate bid (see above).

2.2.17 Demolition - It is the responsibility of the Contractor to review the demolition plans to identify features (walls, etc) that will be saved to prevent discrepancies between the remediation specifications and the future plans for the building.

2.2.18 Fire Proofing on Perimeter – The Contractor shall remove structural fire proofing up to the interior perimeter beam (approximately last trough or 4-6") or as directed by the Owner. A penetrating encapsulant shall be used on the remaining fire proofing and then shall be sealed with poly prior to gross removal. The poly shall be removed after final clearance is achieved.

2.2.19 Encapsulation – Any remaining fire proofing shall be encapsulated with a penetrating encapsulant according to manufacturer instructions.

2.2.20 Fire Proofing within the Air Chases – The fire proofing and overspray in the two air shafts will be abated from the tunnel to the roof deck. The mechanical system shall be turned off during the work. The insulation covering the ducts within the air shafts shall be protected and saved. The air shaft shall be cleaned in its entirety. Access shall be through the existing return air louvers. Additional access through the walls is being considered and will be verified by the Owner after review by a structural engineer. Contractor shall salvage existing louvers and decorative wood to be reinstalled by others. Storage will be directed by the Owner.

2.2.21 False Floors – The Contractor shall be responsible for the removal and disposal of all false or raised floors within the work areas. Asbestos-containing flooring materials should be anticipated underneath the false or raised floor that will need to be removed by the Contractor. The Contractor shall remove walls if asbestos flooring is under the wall and the wall is scheduled for demolition according to the demolition plans.

2.2.22 Pipe Coverings – The Contractor shall remove all asbestos and non-asbestos pipe coverings within full containment areas such as fire proofing and spray applied acoustical plaster material or unless otherwise directed by the Owner. In areas where there is no fire proofing or spray applied material being removed, non-asbestos pipe coverings will be protected and remain (e.g. fiberglass pipe coverings in the 1968 Addition mechanical room).

2.2.23 Duct Insulation – The Owner has specified selective demolition on duct work throughout the building. The Contractor shall remove the specified duct within work areas that is to be demolished; however, the duct that will remain in place will be stripped of the non-asbestos insulation and protected for the duration of the abatement project.

2.2.24 Overspray – All accessible overspray shall be removed by the Contractor. Overspray that is considered outside the work areas and inaccessible will be documented on the daily notes of the supervisor to be turned into the Owner upon completion of the project.

2.2.25 Pneumatic Systems – Pneumatic system above the ceilings shall be demolished at the discretion of the Contractor. Contractor shall check the mechanical plans to verify pneumatic systems to remain. Any disconnect shall be air tight.

2.2.26 Fire Protection Systems – The Contractor shall be responsible for draining the fire sprinklers and disconnect the electrical for any associated fire equipment such as smoke detectors and alarms. The smoke detectors and alarms in the ceiling system will be thrown away. The Contractor will protect the fire sprinkler piping and heads. The Contractor shall provide a fire watch if required by city codes.

2.2.27 Elevator – The Contractor shall have use of the service elevator (south elevator) and shall protect the elevator as necessary to prevent damage to surface finishes. Any damage will be at the expense of the Contractor. Furthermore, any maintenance or operation deficiencies of the elevator identified during Contractor usage will be repaired at the expense of the Contractor through deduction of the Contractor's final payment if necessary.

2.2.28 Case work – The case work and cabinets mounted to the floor / wall in the mail room in the basement is to be removed and discarded.

2.2.29 Mechanical Room Plaster Ceiling – The Contractor shall create an approximate 15'x17' opening in the asbestos ceiling within the "Addition" mechanical room in the basement as shown in the drawings. Contractor shall seal and protect the edge of the remaining plaster to prevent future damage. A unit cost will be used to remove the fire proofing above the plaster ceiling after access is made. All existing damage to the asbestos ceiling plaster within the room shall be repaired and cleaned. The repair shall be conducted in accordance to industry standards for the repair of damaged asbestos plaster.

2.2.30 Locating Asbestos Pipe Insulation – The Contractor shall remove all accessible asbestos pipe insulation within chases through existing access panels. In some cases, the Contractor may need to remove walls or make additional access into walls to access and remove pipe and duct insulation. Proposed access points shall be approved by the Owner. The holes shall be repaired by others.

2.2.31 Materials <1% Asbestos – Materials in the building that are not designated for removal may contain less than one percent asbestos. The General Contractor will hire an abatement contractor if necessary to remove plaster where needed and required by OSHA after the abatement contract has concluded.

2.2.32 Proposed Sprinkler Chases – The Contractor shall abate all asbestos that will be encountered within the proposed sprinkler chases.

2.2.33 East Stairwell Closets – The Contractor shall demolish the east stairwell closet ceilings for proposed pipe risers. The existing plaster ceiling will be demolished and fire proofing abated from the beams and deck above.

2.2.34 Ducts to Remain – The Contractor shall remove and dispose of all duct insulation with the exception of the air chases and the lower level (basement) mechanical rooms.

2.2.35 Cleaning of Ventilation Systems – The Contractor shall submit an alternate bid price for cleaning the remaining ventilation system including the following: return air tunnel, return air chases, all components of the air handling unit exposed to air flow including but not limited to the entire interior of the AHU housing, access doors, dampers, perforated liner, cooling coil, and supply fan. Cleaning shall be conducted in accordance with National Air Duct Cleaning Association *ACR Standard: Assessment, Cleaning and Restoration of HVAC Systems, 2006 Edition.*

2.2.36 Dust Sampling – The Contractor shall collect a sufficient number of samples of settled dust from within the duct system to identify asbestos hazards prior to performing Article 2.2.35. The results will be provided to the Owner within 24 hours of receipt.

2.3 TERMINOLOGY AND DEFINITIONS

2.3.1 Abatement - Procedures to control fiber release from asbestos-containing materials, i.e., removal, encapsulation, or enclosure.

2.3.2 Air Lock - A system for permitting ingress or egress without permitting air movement between a contaminated area or an uncontaminated area, typically consisting of two contained doorways at least 6 feet (2 meters) apart.

2.3.3 Air Monitoring - The process of measuring the fiber content of a specific volume of air in a stated period of time. Phase contrast microscopy in accordance with NIOSH Method No. 7400 is the prescribed method of sampling and analysis.

2.3.4 Air Sampling Technician - A person trained and experienced in air sampling techniques and schemes who performs air sampling.

2.3.5 Amended Water - Water to which a surfactant has been added.

2.3.6 American Industrial Hygiene Association (AIHA) - A professional organization of Industrial Hygienists, which develops and maintains laboratory accreditation programs and industry standards.

2.3.7 Asbestos Hazard Emergency Response Act (AHERA) - Congressional Act which requires local education agencies to identify friable and non-friable asbestos-containing building materials (ACBM) in public and private elementary and secondary schools; submit management plans to the Governor of their state; implement management plans in a timely manner; and maintain complete records of any action involving the disturbance of ACBM.

2.3.8 Authorized Visitor - The building owner or his representatives, air sampling technician, asbestos project manager, Owner's Representative, or a representative of any regulatory or other agency having jurisdiction over the project.

2.3.9 Barrier - Plastic sheeting and/or other materials used along with the floors, ceilings, and walls of a structure to form an isolated Work environment that separates the contaminated work area from the uncontaminated area.

2.3.10 Bridging Encapsulant - A liquid designed to form a tough membrane over the surface of asbestos-containing materials.

2.3.11 Building Owner – State of Nebraska

2.3.12 Certified Industrial Hygienist (C.I.H.) - A person with competence certification in Industrial Hygiene who meets the requirements of the American Board of Industrial Hygiene.

2.3.13 Clean Room - An uncontaminated area or room that is part of the workers' decontamination enclosure system, with provisions for storage of workers' street clothes and protective equipment.

2.3.14 Competent Person - A Contractor's employee (typically the foreman or superintendent) by virtue of his education and experience who is capable of operating an asbestos hazard abatement project in accordance with current Federal, State and local laws and regulations. Duties of the competent person are as defined in 29 CFR 1910.120 and 1926.1101.

2.3.15 Contaminated - Containing or coated with asbestos.

2.3.16 Curtained Doorway - A device to allow ingress or egress from one room to another while minimizing air movement between the rooms, typically constructed by placing two overlapping sheets of plastic over an existing or temporarily formed doorway, securing the vertical edge of one sheet along one vertical side of the doorway, and securing the vertical edge of the other sheet along the opposite vertical side of the doorway. Two curtained doorways spaced a minimum of 6 feet (2 meters) apart form an air lock.

2.3.17 Decontamination Enclosure System - A series of connected rooms, with curtained doorways between any two adjacent rooms, for the decontamination of workers or of materials and equipment. A decontamination enclosure system always contains at least one airlock.

2.3.18 Encapsulant - A liquid material that can be applied to asbestos-containing materials or cleaned substrates following the removal of asbestos-containing materials to control the possible release of residual asbestos fibers from the material by creating a membrane over the surface.

2.3.19 Encapsulation - All herein specified procedures necessary to coat asbestos-containing materials with a penetrating or bridging encapsulant to control the possible release of asbestos fibers into the ambient air.

2.3.20 Equipment Decontamination Enclosure System - A decontamination enclosure system for materials and equipment, typically consisting of a designated area of the work area, a washroom, a holding area, and an uncontaminated area.

2.3.21 Equipment Room - A contaminated area or room that is part of the worker decontamination enclosure system, with provisions for storage of contaminated clothing and equipment.

2.3.22 Facility Component - Any pipe, duct, boiler, tank, fan, engines, or furnace at or in a facility, or any structural member of a facility.

2.3.23 Fixed Object - A piece of equipment or furniture in the work area that cannot be removed from the work area.

2.3.24 Glovebag Technique - A method with limited applications for removing small amounts of asbestos-containing material from HVAC ducts, piping runs, valves, joints, elbows, and other uneven surfaces in an uncontaminated (plasticized) work area. The glovebag assembly is a manufactured or fabricated device consisting of a glovebag (typically constructed of 6-mil transparent plastic); two inward-projecting, long-sleeve, rubber gloves; one inward-projecting water wand sleeve; an internal tool pouch; and an attached, labeled receptacle for asbestos waste. The glovebag is constructed and installed in such a manner that it surrounds the object or area to be decontaminated and contains all asbestos fibers released during the removal process. All workers who are permitted to use the glovebag technique must be highly trained, experienced, and skilled in this method.

2.3.25 Ground Fault Circuit Interrupters - A fast-acting circuit breaker that senses small imbalances in circuits caused by current leakage and shut off electricity in just a fraction of a second.

2.3.26 HEPA Filter - A high-efficiency particulate air (absolute) filter capable of trapping and retaining 99.97 percent of asbestos fibers greater than 0.3 micrometer in length.

2.3.27 HEPA Vacuum - High-efficiency particulate air (absolute) filtered vacuuming equipment with a filter system capable of collecting and retaining asbestos fibers. Filters should be 99.97 percent efficient for retaining 0.3-micrometer particles or larger.

2.3.28 Holding Area - A chamber between the washroom and an uncontaminated area in the equipment decontamination enclosure system. The holding area comprises an air lock.

2.3.29 Movable Object - A piece of equipment or furniture in the work area that can be removed from the work area.

2.3.30 Negative Pressure Ventilation System - A local exhaust system capable of maintaining a detectable pressure differential across containment barriers relative to adjacent unsealed areas.

2.3.31 NESHAPS - The National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61).

2.3.32 NIOSH - The National Institute for Occupational Safety and Health.

2.3.33 OSHA - Occupational Safety and Health Administration.

2.3.34 Penetrating Encapsulant - A liquid designed to saturate the material, thereby binding asbestos fibers to one another and to other substances in the material.

2.3.35 Plasticize - To cover floors, walls, etc., with plastic sheets as herein specified.

2.3.36 Removal - All herein specified procedures necessary to strip or clean up asbestos-containing materials from designated areas and to dispose of these materials at an acceptable disposal site.

2.3.37 Shower Room - A room between the clean room and the equipment room in the worker decontamination enclosure system, with hot and cold (or warm) running water and suitably arranged for complete showering during decontamination. The shower room comprises an airlock between contaminated and clean areas.

2.3.38 Staging Area - Either the holding area or an area near the waste-transfer airlock where containerized asbestos waste has been placed prior to removal from the work area.

2.3.39 Stripping - All herein specified procedures necessary to remove asbestos-containing materials or asbestos-contaminated materials from their substrate or from any component of the facility.

2.3.40 Substrate - The underlying surface or material (piping, duct, boilers, tanks, chase floors, etc.) to which asbestos-containing material has been applied.

2.3.41 Surfactant - A chemical wetting agent added to water to improve penetration.

2.3.42 Thermal System Insulation - Insulation used to prevent heat loss from pipes, boilers, tanks, breeching, heat exchangers, etc.

2.3.43 Owner's Representative – Individual or Company designated as the Owner's Representative; and responsible for ensuring compliance with the Project Specifications.

2.3.44 Washroom - A room between the work area and the holding area in the equipment decontamination enclosure system. A washroom comprises an air lock.

2.3.45 Wet Cleaning - The process of eliminating asbestos contamination from building surfaces and objects by using cloths, mops, or other cleaning tools that have been dampened with water, and then disposing of these cleaning tools as asbestos-contaminated waste.

2.3.46 Work Area - Designated rooms, spaces, or areas of the project in which asbestos abatement actions are to be undertaken or which may be contaminated as a result of such abatement actions. A contained work area is one that has been sealed, plasticized, and equipped with a decontamination enclosure system. An isolated work area is a controlled-access work area that has been isolated by plastic curtains and in which the openings to the outside are sealed with plastic sheeting. An isolated work area is not an airtight containment area and is not equipped with a decontamination enclosure system.

2.3.47 Worker Decontamination Enclosure System - A decontamination enclosure system for workers, typically consisting of a clean room, a shower room, and an equipment room.

2.4 APPLICABLE REFERENCE DOCUMENTS

The current issue of each document shall govern. If there is a conflict among requirements or with these Specifications, the more stringent requirement shall apply.

2.4.1 Regulations - Compliance is required in strict accordance with applicable Federal, State, municipal, and local regulations.

2.4.1.1 Title 29, Code of Federal Regulations, Section 1910.1001, General Industry Standard for Asbestos.

2.4.1.2 Title 29, Code of Federal Regulations Section 1926.1101, Construction Industry Standard for Asbestos.

2.4.1.3 Title 29, Code of Federal Regulations Section 1910.134, General Industry Standard for Respiratory Protection.

2.4.1.4 Title 29, Code of Federal Regulations Section 1926.59, Construction Industry Standard for Hazard Communication.

2.4.1.5 Title 29, Code of Federal Regulations Section 1910.1200, General Industry Standard for Hazard Communication.

2.4.1.6 Title 29, Section 1910.1025, General Industry Standard for Lead.

2.4.1.7 Title 29, Section 1910.1000, Occupational Safety and Health Standards.

2.4.1.8 Title 29, Section 1910.120, Hazardous Waste Operations and Emergency Response.

2.4.1.9 Title 29 Section 1926.404, Electrical

2.4.1.9 Title 40, Code of Federal Regulations, Part 61, Subpart A.

2.4.1.10 Title 40, Code of Federal Regulations, Part 763, Asbestos.

2.4.1.11 Title 49, Code of Federal Regulations, Hazardous Materials Transportation Regulations, U.S. Department of Transportation (DOT).

2.4.2 Guidance Documents

2.4.2.1 Asbestos-Containing Materials in School Buildings: A Guidance Document, Part 1. Office of Toxic Substances, U.S. EPA, Washington, D.C. 1979.

2.4.2.2 Asbestos-Containing Materials in School Buildings: A Guidance Document, Part 2. Office of Toxic Substances, U.S. EPA, Washington, D.C. 1979.

2.4.2.3 Guidance for Controlling Friable Asbestos-Containing Materials in Buildings: Washington, D.C. Office of Pesticides and Toxic Substances, U.S. EPA. 1983.

2.4.3 Codes and Standards

2.4.3.1 ANSI - American National Standards Institute, ANSI Z 9.2, Fundamentals Governing the Design and Operation of Local Exhaust Systems.

2.4.3.2 NEC - National Electric Code. Any Work involving electrical equipment in a facility shall be performed in strict accordance with the National Electric Code.

2.5 AIR MONITORING

2.5.1 General

2.5.1.1 The performance and execution of the Work shall be closely monitored by the Owner's Representative as needed. The surveillance shall include the work area and the surroundings to document full compliance with this Specification and all applicable regulations. Full cooperation and support shall be provided to the Owner and the Owner's Representative and their technicians throughout the abatement process. Monitoring shall include data review from air samples collected on the job site. Inspections shall include standard operating procedures, engineering control systems, respiratory protection devices, transportation and disposal of materials, decontamination facilities and procedures, and any other aspects of the abatement process that may impact the health and safety of people and quality of the environment.

2.5.1.2 The Contractor shall conduct personal exposure, excursion and area monitoring inside the work area throughout all phases of this Project including preparation of the work area as specified on Table II. Exposure air monitoring shall be conducted to document full compliance with 29 CFR 1926.1101 and to evaluate the adequacy of 1) the type of respiratory protection used by workers, 2) work practices and engineering controls, and 3) containment barriers and decontamination procedures.

2.5.2 Asbestos Exposure Monitoring Schedule and Sampling Strategy

At a minimum, the air monitoring schedule and sampling strategy for asbestos-related work shall be conducted as follows:

TABLE II - ASBESTOS EXPOSURE MONITORING SCHEDULE

Phase of Abatement Project	When to Sample	Type of Sample	Minimum # of Employees*	Location
PREPARATION				
During cleaning and preparation of work area	Each day of operation	Personal Excursion	1* 1*	Inside work area Inside work area
REMOVAL	Each day of operation	Personal Excursion	1* 1*	Inside work area Inside work area
DECONTAMINATION	Each day of operation	Personal Excursion	1* 1*	Inside work area Inside work area

***NOTE:** At a minimum, one out of four workers involved in asbestos hazard abatement activities (25% of work force) shall be monitored during all preparation, gross removal, decontamination and load-out phases of this Project. Short-term excursion limit (STEL) samples shall be also be collected based upon activity type and/or at the request of the Owner's Representative.

2.5.3 Methods of Collection and Analysis

2.5.3.1 All air monitoring shall be conducted in accordance with 29 CFR 1926.1101 and Appendix A of the Standard. The recommended sampling period shall be 7 to 8 hours, except on abbreviated work shifts. The flow rate for the sampling pump shall be 0.5 to 2.5 liters/minute. Sampling pumps shall be checked daily by the Contractor at the beginning and end of each sample duration for proper flow-rate calibration.

2.5.3.2 The personal exposure Air Sampling Data Sheets will be completed daily with all required entries and calculations.

2.5.3.3 Sampling results for asbestos related Work will be reported to the Contractor within twenty-four hours of their collection.

2.5.3.4 The minimum number of employees and areas to monitor indicated on Table II shall not be interpreted as the total number of samples to be collected and analyzed each day. Multiple personal or area samples may have to be collected during the 7 to 8 hour work shift to accurately characterize a worker's exposure level. The number of samples collected shall depend on the degree of airborne contamination in the work area and the effectiveness of work practices and engineering controls. Overloaded filter samples or filter holder cassettes containing loose particulate matter are unacceptable. The air samples must be properly collected and representative of actual concentrations in each work area.

NOTE: Failure to comply with the exposure monitoring per 29 CFR 1926.1101, **and** this Specification shall constitute nonconformance with this Specification and result in work stoppage at the Contractors expense **or** possible dismissal from the project.

2.6 PERSONNEL PROTECTION

2.6.1 Worker Instruction - Prior to commencement of this Project, all workers shall be instructed and shall be made knowledgeable in the areas described in Article 2.7.1.

2.6.2 Respiratory Equipment - All workers shall be provided with personally issued and marked respiratory equipment approved by NIOSH and suitable for the asbestos exposure level in each work area according to 29 CFR 1926.1101. At a minimum, all workers performing asbestos abatement activities shall wear Half-face air-purifying respirators equipped with HEPA filters shall be allowed for work only when the exposure monitoring results are representative of existing exposure levels and below 0.1 f/cc over the TWA_8. Single use or reusable disposable respirators are not acceptable and shall not be used on this Project. Sufficient filter cartridges or pads for replacement shall be provided as required by the worker, applicable regulations, or as bound into this specification. If prevalent airborne fiber concentrations inside any asbestos work area exceed 1.0 f/cc over the TWA_8, the Contractor shall stop work and implement the following:

A. Use Full-Face Type "C" air supplied respirators in positive pressure (constant flow) or pressure demand modes. All air hose connections shall be equipped with a HEPA filtered disconnect system in the event of compressor failure or the exhaustion of air in the reserve tanks. At the minimum, Type "C" air supply shall provide the following:

- A continuous sufficient supply of air.
- Supplied air that meets Grade D requirements as specified by the Compressed Gas Association.
- An adequate volume of air to allow for escape from the work area.
- Worker comfort and safety.
- NIOSH approved respirators and supply hoses.

Compressed air systems shall be designed to provide air volumes and pressures to accommodate respirator manufacturer's specifications. Only breathing air compressors shall be used and may be either gasoline or electric powered; however, electric powered compressors are preferred. The compressor shall also be equipped with in-line air purifying sorbent beds and filters that remove moisture, odors, oils, hydrocarbons, heat, and carbon monoxide. The compressor shall be equipped with a carbon monoxide monitor and shall be checked daily as specified by the manufacturer. The carbon monoxide monitor should be equipped with a visible and audible alarm to alert the operator of a high carbon monoxide level in the supply air. The compressed air system shall also be equipped with a reserve tank or reservoir. The volume of air in the reserve tank should provide for adequate escape time for employees in the work area. All Type "C" air line respiratory equipment shall be approved as an entire unit by NIOSH. This includes respirator face piece, regulator, and airline. Any alterations of the respirator or subcomponents are strictly forbidden and void any approval by NIOSH.

B. Engineering controls to reduce airborne contaminants to reduce the TWA_8 below the levels specified.

2.6.3 Protective Clothing - Per 29 CFR 1926.1101 and/or 1910.120, workers and all authorized persons on-site shall be provided with sufficient sets of protective full-body clothing. Such clothing shall consist of full-body coveralls, rubber gloves, face shields, vented goggles and headgear. Eye protection, safety belts, steel toe safety shoes and hard hats shall be provided as required by applicable safety regulations. Non-disposable protective clothing and footwear shall be left in the contaminated equipment room until the end of the abatement Work, at which time such items shall be properly disposed. Disposable protective clothing, headgear, and footwear shall be provided as needed and/or requested by the Owners Representative.

2.6.4 Visitor Protection - Authorized visitors shall be provided by the Contractor with suitable respirators with new filters or cartridges and protective clothing, headgear, eye protection, safety belts, and footwear, as described in Article 2.6.3, whenever they are required to enter the work area, to a maximum of three sets per day.

2.6.5 Protection Procedures - The Contractor shall provide and prominently post the decontamination and work practices to be followed by workers in the clean/change area as described in Article 2.6.6.

2.6.6 Worker Protection Procedures - All Abatement

2.6.6.1 Each worker and authorized visitor shall, prior to entering the work area: remove street clothes in the clean change room and don the required respiratory equipment and clean protective clothing before entering the decontamination chamber entrance to the work area; except workers that intend to re-wear contaminated protective clothing stored in the equipment room shall enter the equipment room wearing only respirators.

2.6.6.2 Each worker and authorized visitor shall, each time he leaves the work area: remove gross contamination from clothing before leaving the work area; proceed to the equipment room and remove all clothing except respirators; still wearing the respirator, proceed naked to the showers; clean the outside of the respirator with soap and water while showering; remove the respirator; thoroughly shampoo and wash himself; if the filters require replacement, remove filters, wet them, and dispose of them in the container provided for the purpose; and wash and rinse the inside of the respirator face piece.

2.6.6.3 Following showering and drying off, each worker and authorized visitor shall proceed directly to the clean change room and dress in clean clothes at the end of each day's work, or before eating or drinking. Before re-entering the work area from the clean change room, each worker and authorized visitor shall put on a clean respirator with filters and shall dress in clean protective clothing; except workers that intend to re-wear contaminated protective clothing stored in the equipment room shall enter the equipment room wearing only respirators.

2.6.6.4 Contaminated work footwear shall be stored in the equipment room when not in use in the work area. After the asbestos and lead abatement process is completed, footwear shall be disposed of as contaminated waste or cleaned thoroughly inside and out with soap and water before being removed from the work area. Contaminated protective clothing shall be stored in the equipment room for reuse or placed in receptacles for disposal with other asbestos-contaminated materials.

2.6.6.5 Workers removing waste containers from the equipment decontamination enclosure shall enter the holding area from outside wearing a respirator and dressed in clean coveralls. Workers shall not use this system as a means to leave or enter the work area.

2.6.6.6 Workers shall be fully protected with respirators and protective clothing immediately prior to the first disturbance of contaminated material, and until final cleanup is completed and approved.

2.6.6.7 Workers shall not eat, drink, or chew gum or tobacco at the Project site except in the established break room or outside of the building.

2.7 EQUIPMENT REMOVAL PROCEDURES

2.7.1 Cleaning - Clean external surfaces of contaminated containers and equipment thoroughly by wet mopping, or using a HEPA-filtered vacuum before moving such items into the decontamination enclosure system washroom for final cleaning and removal to uncontaminated areas. Ensure that personnel do not leave work areas through the equipment decontamination enclosure system.

2.8 EMERGENCY PRECAUTIONS

2.8.1 The Contractor shall establish (and clearly mark) emergency and fire exits from the work area. Emergency procedures shall be in written form and prominently posted in the clean change room immediately outside the worker decontamination enclosure system.

2.8.2 The Contractor shall be responsible for providing a minimum of one fire extinguisher, rated not less than 2A, for each three thousand square feet of containment area in accordance with 29 CFR 1926.150. Travel distance from any point inside the work area to the nearest fire extinguisher shall not exceed one hundred feet. **NOTE:** Substitution of a fire extinguisher with a half-inch garden hose not exceeding one hundred feet in length shall be permitted provided the number of hoses is equivalent to the required number of fire extinguishers.

2.8.3 Local Medical emergency personnel shall be notified prior to commencement of abatement activities for the potential of handling contaminated or injured workmen and shall be advised on safe decontamination.

2.8.4 Employees shall be trained in evacuation procedures in the event of work area emergencies.

2.8.4.1 For non-life-threatening situations, employees injured or otherwise incapacitated shall decontaminate themselves following normal procedures with assistance from fellow workers, if necessary, before exiting the work area to obtain proper medical treatment.

2.8.4.2 For life-threatening injury, worker decontamination shall take least priority after measures to stabilize the injured worker, remove him from the work area, and secure proper medical treatment.

2.8.5 Telephone numbers of all emergency response personnel shall be prominently posted in the clean/change room outside the worker decontamination enclosure system along with location of the nearest telephone.

2.9 SITE SECURITY

2.9.1 The Contractor shall post warning signs at designated entrances to each work area as required by 29 CFR 1926.1101 and/or 29 CFR 1910.1000.

2.9.2 Entry into the work area by unauthorized individuals shall be reported immediately to the Owner's Representative by the Contractor. The Contractor shall maintain a sign-in sheet for all visitors to each abatement site.

2.9.3 The Contractor shall have control of site security at all times during abatement activities in order to protect work efforts and equipment.

2.10 PARKING -

2.10.1 The north lot may be used for contractor parking and dumpsters. Contractor will need to coordinate with State of Nebraska for specific locations or dedicated space prior to commencing work.

PART 3 - MATERIALS AND EQUIPMENT

3.1 MATERIALS

3.1.1 Material Delivery - All materials shall be delivered in the original packages, containers, or bundles bearing the name of the manufacturer and the brand name. MSDS sheets shall be required for all materials brought on-site by the Contractor.

3.1.1.2 All materials subject to damage shall be stored off the ground, away from wet or damp surfaces, and under sufficient cover to prevent damage or contamination.

3.1.1.3 Damaged or deteriorating materials shall not be used and shall be removed from the premises. Material that becomes contaminated with asbestos hall be disposed of in accordance with this Specification.

3.1.2 Plastic Sheeting - Plastic sheeting for all walls and stationary objects shall be a minimum of 6-mil thick. All plastic sheeting shall be sized in appropriate lengths and widths to minimize the frequency of joints.

3.1.2.1 Plastic sheeting used for worker decontamination enclosure systems shall be black in color.

3.1.3 Tape - Must be capable of sealing joints of adjacent plastic sheets, capable of attaching plastic sheets to finished or unfinished surfaces of dissimilar materials, and capable of adhering under dry and wet conditions, including use of amended water.

3.1.4 Surfactant - A surfactant shall consist of 50 percent polyoxyethylene ether and 50 percent polyoxyethylene ester, or equivalent, and shall be mixed with water to provide a concentration of 1 ounce surfactant to 5 gallons of water, or according to manufacturer's Specifications.

3.1.5 Impermeable Containers - Must be suitable for receiving and retaining any asbestos-containing and/or contaminated materials. Metal or fiber drums with tight-fitting lids are required for all asbestos-containing wastes, i.e., metal lathe, wire, metal jackets, etc. Plastic bags, 6-mil thick, are acceptable for friable asbestos, fiberglass insulation without metal components that could tear the bags. All asbestos-containing waste shall be labeled in accordance with 29 CFR 1926.1101, 49 CFR Parts 171 and 172 and 40 CFR Part 61, Subpart A. All containers shall be both air and watertight.

3.1.6 Encapsulants - Encapsulating sealants shall be bridging or penetrating sealants such as Cafco "Bond Seal," or an approved equivalent.

3.1.6.1 Encapsulants selected for use by the Contractor shall be one of those demonstrating effective performance under the tests conducted by Battelle Laboratories.

3.1.6.2 The encapsulant shall not add any toxic substances and should not break down under direct flame impingement to release any toxic gases or an undue amount of smoke.

3.1.6.3 The encapsulant shall be capable of adhering to the substrate surface.

3.1.6.4 The encapsulant shall be applicable with minimum effort and skill.

3.1.6.5 The encapsulant shall have impact resistance, flexibility, and resistance to penetration in withstanding physical contact.

3.1.6.6 The encapsulant shall be water insoluble when cured.

3.1.6.7 The encapsulant shall be nontoxic and free of toxic fumes during application.

3.1.7 Warning Labels and Signs - As required by 29 CFR 1926.1101 and/or 29 CFR 1910.1000.

3.1.8 Glovebags - Glovebags shall be made of 6-mil thick plastic and shall be seamless at the bottom as specified in 29 CFR 1926.1101.

3.1.9 Plexiglas - The Contractor shall install Plexiglas partitions in doorways or openings adjacent to an asbestos hazard abatement work area, when feasible, to enable asbestos hazard abatement activities to be observed by the Owner's Representatives and/or other visitors without entering the work area. The Plexiglas partitions shall be a minimum size of 2' x 2'. The Owner shall determine the number of Plexiglas partitions.

3.1.10 Other Materials - The Contractor shall provide all other materials, such as lumber, nails, and hardware that may be required to construct and dismantle the decontamination units and the barriers that isolate the work area.

3.2 TOOLS AND EQUIPMENT

3.2.1 The Contractor shall provide suitable tools and equipment for all phases of work for this Project.

3.2.1.1 Air movement equipment - High efficiency particulate air (absolute) filtration equipment in compliance with ANSI Z 9.2, Local Exhaust Ventilation. No air movement system or air equipment shall discharge asbestos fibers outside the work area into the building.

3.2.1.2 A negative air pressure differential shall be established in the work area by means of mechanical exhaust equipment (air filtration devices) in order to keep airborne fibers confined to the work area, decrease humidity and temperature, reduce fiber levels in the work area, and achieve acceptable final air monitoring results. The mechanical equipment shall exhaust through a HEPA filter to the outside of the building and or to an area accepted by the Owner or Owner's representative. The equipment shall remain in operation twenty-four hours a day until decontamination of the work area and final air sampling and analysis is completed.

3.2.1.3 Contractors who use a negative-air-pressure system should ensure the system operates according to the required standards referenced in this document.

3.2.2 Airless Sprayer - An airless sprayer shall be used for the application of amended water and encapsulants.

3.2.3 Scaffolding and Ladders - Scaffolding and ladders shall be used as required to accomplish work specified in Part 1 and shall meet or exceed all applicable OSHA requirements and safety regulations.

3.2.4 Vacuums - All vacuums utilized to clean up asbestos-containing materials in the work area shall be equipped with HEPA filters.

3.2.5 Miscellaneous Tools and Equipment - The Contractor shall provide all other tools suitable for the stripping, removal, and encapsulation of asbestos-containing materials. These tools include, but are not limited to, scrapers, wire cutters, brushes, sprayers, sponges, utility knives, flexible wire saws, shovels, and brooms.

3.2.6 Digital Pressure Differential Meter - The Contractor shall install a digital pressure differential gauge with a strip chart recorder to continuously measure the pressure differential between the clean area and work area. A pressure differential meter will be required for each separate containment.

3.2.7 Use of Owner's Tools and Equipment - No tools or equipment of the Owner shall be used by the Contractor, unless permission in writing is granted by the Owner’s Representatives.

PART 4 - EXECUTION

4.1 SEQUENCE OF EXECUTION

4.1.1 Work Area Sequence - The sequence of execution for each work area involving asbestos abatement activities utilizing conventional total containment methods shall occur in the following order:

4.1.1.1 Prepare the work area per Article 4.2.

4.1.1.2 Strip and remove asbestos-containing materials in the specified areas per Articles 4.3.1, 4.3.2, 4.3.3, and 4.3.4.

4.1.1.3 Remove and discard asbestos-containing waste generated from abatement activities per Article 4.4. Removal and disposal of all asbestos-containing materials shall be performed concurrently with stripping.

4.1.1.4 Decontaminate and clean work area per Articles 4.5 and 4.6.

4.1.1.5 Encapsulate building surfaces with an approved sealant as specified per Article 4.7.

4.1.1.6 Establish final clearance criteria for each work area per Article 4.8.

4.1.2 Work Area Sequence - The sequence of execution for each work area involving asbestos abatement activities utilizing glovebag methods shall occur in the following order:

4.1.2.1 Prepare the work area per Article 4.2, excluding Article 4.2.1.4 (HEPA vacuum shall be source of pressure differential). If it is determined by the on-site Owner's Representative that a contiguous decontamination unit is not feasible, a centrally located decontamination unit shall be required in the areas where glovebag and/or cut and wrap methods are used. The on-site Owner's Representative shall determine the number of decontamination stations.

4.1.2.2 Install glovebags on asbestos-containing material according to the manufacturer's instructions and this Specification if required.

4.1.2.3 Strip and remove asbestos-containing materials in the specified areas per Article 4.3.3.

4.1.2.4 Remove and discard asbestos-containing waste generated from abatement activities per Article 4.4. Removal and disposal of all asbestos-containing materials shall be performed concurrently with stripping.

4.1.2.5 Establish Clearance criteria as specified per Article 4.8.

4.1.3 Work Area Sequence - The sequence of execution for the removal of asbestos-containing materials by modified containment methods shall occur in the following order:

4.1.3.1 Prepare all work areas per Article 4.2.

4.1.3.2 Strip and remove asbestos-containing materials in designated area per Article 4.3.4.

4.1.3.3 Remove and discard asbestos-containing waste generated from abatement activities per Article 4.4. Removal and disposal of asbestos-containing materials shall be performed concurrently with the stripping.

4.1.3.4 Decontaminate and clean work area per Articles 4.5 and 4.6.

4.1.3.5 Encapsulate building surfaces with an approved sealant per Article 4.7.

4.1.3.6 Establish final clearance criteria for each work area per Article 4.8.

4.2 WORK AREA PREPARATION - Prepare the work area in the order in which they are presented below:

4.2.1 Place opaque or black plastic over all windows into the work area.

4.2.1.1 Shut down and lock out electric power to all work areas where applicable. Provide temporary power and lighting, as specified in applicable electrical code requirements. As a minimum, one (1) 200 watt halogen light per every 500 square feet shall be provided in common work space areas (i.e., classrooms, hallways, etc.) and (1) 200 watt halogen light per every 200 square feet for crawl space and pipe tunnel work areas. Provide temporary lighting and ground-fault interrupt circuits as a power source for electrical equipment. A certified electrician shall perform all modifications to the building's electrical system.

4.2.1.2 Shut down and isolate heating, cooling, and ventilating air systems such as, but not limited to, fans, air handlers, and unit ventilators to prevent contamination of the units and fiber dispersal to other areas of the facility. Seal all electrical components and equipment tightly to prevent moisture or water damage. Ventilation duct vents within the work area shall be sealed with tape and 6-mil plastic sheeting.

4.2.1.4 Remove all movable objects from the work area, except where the movable furniture is laden with contamination.

4.2.1.5 Install HEPA-filtered air movement devices into the work area and vent exhaust ducts through openings to the outside of the building, where feasible. Seal openings around exhaust ducts. Exhaust from the negative air movement equipment shall not be allowed to be released within the buildings. All HEPA filtered air movement equipment shall be maintained per Article

4.2.1.6 Introduce scaffolding, ladders, and other large equipment into the work area and install the worker decontamination enclosure system per Article 4.2.2. Once the decontamination enclosure system is in place, it shall be used as specified for the entrance and exit of all personnel and equipment.

4.2.1.7 Seal off all openings (including but not limited to corridors, doorways, windows, skylight, ducts, grilles, cable trays, floor outlets, diffusers, and any other penetrations of the work area) with 6-mil plastic sheeting sealed with tape. Doorways and corridors that will not be used for passage during the work must be sealed with barriers per Article 4.2.2.3.

4.2.1.8 Pre-clean contaminated movable objects (such as desks and chairs, etc.) within the work area using HEPA-filtered vacuums and wet cleaning methods. Remove the decontaminated furniture from the work area and store in an uncontaminated part of the building.

4.2.1.9 Pre-clean fixed objects within the proposed work area (such as but not limited to shelving, bookcases, hot-water heaters, pumps, radiators, unit ventilators, fans, ductwork, and motors) using HEPA-filtered vacuums and/or wet cleaning methods as appropriate, and enclose with 4-mil (minimum) plastic sheeting sealed with tape.

4.2.1.10 Remove, wet wipe and/or HEPA vacuum ceiling mounted objects (such as lights, speakers, and other items not previously sealed off) that interfere with asbestos-abatement activities. Any item remaining in the work area shall be enclosed with 6-mil plastic sheeting sealed with tape.

4.2.1.11 For total containment work areas cover all floors with plastic sheeting sealed with tape. Use a minimum of two layers of 6-mil plastic on wood and tiled floors, and one layer of 6-mil on concrete or dirt floors. Cover floors with plastic extending at least twelve inches up on all walls. Cover all walls with 6-mil plastic sheeting and overlap floor sheeting by at least twenty-four inches.

4.2.2 Decontamination Enclosure Systems

4.2.2.1 General - Build suitable framing and/or use existing rooms connected with framed-in tunnels, if necessary, and line with plastic sealed with tape at all lap joints for all enclosures and decontamination enclosure systems rooms. Either existing rooms outside of the work area or specially framed and sealed temporary areas shall be used for the decontamination enclosure system. Convenience and proximity to the work area shall be the determining factors. In all cases, access between contaminated and uncontaminated rooms or areas shall be through an airlock, as described in Section 2.3.

4.2.2.2 Worker Decontamination Enclosure System - Per 29 CFR 1926.1101, construct a worker decontamination enclosure system contiguous to indoor work areas and central to outdoor work areas that consists of six totally enclosed chambers as follows:

- An equipment room with two curtained doorways: one to the work area and one to the shower room.
- A three (3) foot airlock chamber
- A shower room with two curtained doorways; one to the equipment room and one to the clean room. One shower shall be provided for every ten (10) workers or fraction thereof as required by 29 CFR 1910.141(d)(3). To ensure against potential leakage, a metal pan with a minimum three-inch lip shall be installed underneath each shower facility. Ensure soap is available at all times in the shower room. The shower wastewater shall be drained, collected, and filtered through a system with at least 5 to 10 micron particle size collection capability. **NOTE:** A system containing a series of several filters with progressively smaller pore sizes is recommended to avoid rapid clogging of filtration system by large

particles. All expended filters shall be discarded as contaminated waste. Filtered water may be discharged to a sanitary or storm sewer drain.

- A three (3) foot airlock chamber

- A clean room with one curtained doorway into the shower and one entrance or exit to uncontaminated areas of the building. The clean room shall have sufficient space for storage of workers' street clothes, towels, and other uncontaminated items.

- A three (3) foot airlock chamber

Use black plastic for the walls and curtains of the worker decontamination enclosure system to ensure the privacy of the workers.

4.2.2.3 Equipment Decontamination Enclosure System - The purpose of this area is to provide a means of decontaminating drums, scaffolding, material containers, vacuum and spray equipment, and other tools and equipment for which the worker decontamination system is not suitable. The Contractor shall provide or construct an equipment decontamination enclosure system contiguous to the work area that consist of two totally enclosed chambers as follows:

- A washroom, constituting an airlock, with a curtained doorway to a designated area of the work area and a curtained doorway to the holding area. This area shall be the same as the equipment room in the worker decontamination enclosure system. The washroom wastewater shall be drained, collected, and filtered through a system with at least 5 to 10 micron particle size collection capability. **NOTE:** A system containing a series of several filters with progressively smaller pore sizes is recommended to avoid rapid clogging of filtration system by large particles. All expended filters shall be discarded as contaminated waste. Filtered water may be discharged to a sanitary or storm sewer drain.

- A holding area, constituting an airlock, with curtained doorway to an uncontaminated area. This area shall be the same area as the shower room in the worker decontamination system.

4.2.2.4 Separation of Work Areas - The Contractor shall use air and watertight barriers to separate the parts of the facility required to remain free of contamination from the parts of the facility that shall undergo asbestos hazard abatement work. The barriers shall be constructed as follows:

- Build suitable wood or metal frame.

- Cover the inside and outside of the frame with plywood and/or 6-mil plastic sheeting sealed with tape as specified.

- Plexiglas partitions shall be installed to enable asbestos hazard abatement activities to be observed in rooms adjacent to the work area. Curtains may not be installed over the window to obscure the view.

4.2.2.5 Maintenance of Enclosure Systems:

- Ensure that barriers and plastic linings are effectively sealed and taped. Repair damaged barriers and remedy defects immediately upon discovery.
- Visually inspect enclosures at the beginning, during and following each work shift.
- Use smoke methods to determine the effectiveness of barriers when directed by the Owner and/or EPM.

4.2.2.6 Abatement work shall not commence until:

- Arrangements have been made and approval granted for disposal of asbestos waste at an acceptable site.
- Work areas and decontamination enclosure systems and parts of the building required to remain uncontaminated are effectively segregated. The on-site Owner's Representative shall inspect the work area enclosure system to document that it is both air and watertight. Any deficiencies noted by the Owner's Representative should be corrected.
- Tools, equipment, and material waste receptors are on hand.

4.2.3 Air Filtration System

4.2.3.1 A pressure differential between the outside and inside work area shall be maintained at all times while abatement activity is in progress. The Contractor shall not allow any airflow out of the work area except through HEPA filtered air filtration devices.

4.2.3.2 A pressure differential in the work area is required as outlined in 29 CFR 1926.1101, Appendix F. At a minimum, the air filtration devices shall provide for a complete air change every ten minutes. Calculations used to determine the number of units required shall be based on current performance and not rated capacity. **NOTE*:** If actual CFMs are not measured, eighty percent of the rated capacity shall be used.

4.2.3.2.1 The following formula shall be used for estimating the number of air filtration devices:

$$\text{Number of units needed} = \frac{\text{ft.}^2 \text{ of work area x height of ceiling in ft.}}{\text{10 minutes x cfm* capacity of units}}$$

4.2.3.3 The pressure differential shall be maintained so that the movement of tools, equipment, employees and waste containers through the decontamination enclosure systems do not result in air flow out of the work area.

4.2.3.4 Air circulation throughout the work area shall be maintained by the air filtration devices to reduce dead air spaces and provide appropriate ventilation inside the work area.

The Contractor shall install a pressure differential meter with a strip or dial chart recorder as described in Article 3.2.6. The meter and strip and/or dial chart recorder must show a measurable pressure differentiate between the work area and adjacent areas at a minimum of -0.02 inches of water. If the Contractor cannot maintain an adequate pressure differentiate inside the work area all Work shall be stopped until the problem is corrected.

4.2.3.5 The Owner's Representative shall collect air samples outdoors where the air filtration devices discharge air. If the air sample analyses indicate that the air filtration devices are discharging fiber concentrations outside of the building in concentrations higher than typical outdoor ambient concentrations, the Contractor shall immediately repair or replace the defective unit or the defective components to eliminate the discharge of fibers from the work area.

4.2.3.6 Air filtration devices shall not discharge air outside the building near pedestrian walkways.

4.3 WORK AREA REMOVAL AND DECONTAMINATION PROCEDURES

4.3.1 The Contractor shall follow all applicable State and Federal regulations related to asbestos work area removal and decontamination.

4.4 REMOVAL AND DISPOSAL OF CONTAMINATED WASTE

4.4.1 The Contractor shall follow all applicable State and Federal regulations related to asbestos removal and disposal of contaminated waste.

4.5 CLEANUP AND DECONTAMINATION OF THE WORK AREA

4.5.1 Asbestos Cleanup - Remove visible accumulations of asbestos material and debris. Wet-clean all surfaces within the work area. Cleanup and decontaminate the work area in accordance to all applicable State and Federal regulations.

4.6 DETERMINING ASBESTOS ABATEMENT COMPLETION

4.6.1 Visual Inspection

4.6.1.1 The Owner's representative shall visually inspect each abatement area with the Contractor's Supervisor or representative.

4.6.1.2 The Owner's Representative shall conduct a thorough first visual inspection of each work area after the Contractor has indicated that all asbestos-containing materials have been completely removed. The first inspection shall be conducted before the plastic sheets have been cleaned with damp mops and cloths, but after all gross debris has been cleaned up and prior to the spray application of colored sealant to exposed surfaces.

4.6.1.3 Items to be checked during the first visual inspection include, but are not limited to, the following:

- The adequacy of the removal of asbestos-containing material and/or other contaminants from the substrates.

- The presence of adhering material or accumulated material on exposed surfaces.

- Only after the work area has passed the first visual inspection shall the Contractor be permitted to apply colored sealant materials.

4.6.1.4 After the work area has passed the first visual inspection; the Contractor shall apply an approved sealant to exposed surfaces per Section 4.7 and clean all surfaces in the work area and any other contaminated areas with water and/or with HEPA-filtered vacuum equipment. The Contractor shall wait for the sealant to dry and dust to settle.

4.6.1.5 The Owner's Representative shall conduct a second visual inspection of the work area following application of the sealant. Items to be checked during the second visual inspection shall include, but are not limited to, the following:

- Cleanliness of the work area and decontamination areas; accumulations of loose dust or debris on plastic sheets covering surfaces and floors.

- Complete coverage of the exposed surfaces by the sealant.

- The Owner's Representative shall, at their discretion, use an electric leaf blower during the inspection to dislodge or discover any hidden debris that should have been removed. It is strongly recommended that the Contractor perform this procedure himself before notifying the Owner's Representative that the area is clean and ready for inspection. If visible dust or debris is discovered during the inspection, the Contractor shall wet-clean the entire work area again until the Owner and Owner's Representative is satisfied that all visible dust and debris has been removed.

If any accumulation of dust or debris is observed, the Contractor shall be required to wet-clean and/or HEPA vacuum the work area again and pass another visual inspection.

4.6.1.6 After the work area has passed the second visual inspection, the Contractor shall remove the plastic sheets from floors and walls. The windows, doors, and HVAC vents shall remain sealed. All HEPA-filtered air filtration and decontamination enclosure systems shall remain in service. After an adequate settling period of 24 hours, the Contractor shall wet-clean and/or HEPA vacuum all objects and substrates within the work area.

4.6.1.7 The Owner's Representative shall conduct a third visual inspection of the work area to document that the walls, floors, and all exposed surfaces are dust free following the final cleaning procedure. After the work area has passed the third visual inspection, the Owner's Representative as shall perform final air monitoring described in Article 4.8. Only after the work area has met the final air testing criteria shall the Contractor be permitted to proceed to the next phase of work.

4.7 SEALANT APPLICATION FOR LOCKDOWN

4.7.1 In all areas from where asbestos-containing materials were removed from metal surfaces (ceiling grid, pipes, etc.), an approved encapsulant/sealant shall be used to lock down any residual airborne asbestos fibers to the substrate in prevention of subsequent dispersion or re-suspension.

4.7.2 The sealant shall be applied with low pressure airless spray equipment and applied in strict accordance to manufacturer's Specifications.

4.7.3 The Contractor shall apply a thin, visible, contiguous film of sealant to all areas specified. Additional applications shall be required if the first application does not adequately cover the substrates or lockdown residual airborne asbestos fibers.

4.8 FINAL AIR MONITORING

4.8.1 Final air tests shall be performed to determine and document air quality upon completion of asbestos hazard abatement activities. The Owner's Representative shall perform the final air tests after the work area has passed the final visual inspection. Leaf blowers shall be used to circulate air throughout the work area during the testing procedures to simulate possible building use conditions. The samples shall be collected using high-volume electric sampling pumps calibrated to a maximum flow rate of 10 liters/minute. Final clearance air samples shall be collected and analyzed by phase contrast microscopy (PCM) and/or transmission electron microscopy (TEM):

4.8.1.2 Regulated work area final clearance concentrations by PCM - Final air samples shall be collected from several locations within the work area and in adjacent equipment and worker decontamination areas. At least five (5) inside area samples shall be collected and analyzed by PCM using NIOSH Method No. 7400 Revision 3; 'A' rules. If any air sample concentration within the work area is greater than 0.01 f/cc, the Contractor shall re-clean the work area with HEPA-filtered vacuum equipment, damp cloths and mops. Additional sets of air samples for the entire work area shall be collected and analyzed by the Owner's Representative at the Contractor's expense until the acceptable fiber concentrations are achieved. If the fiber levels in the work area still exceed acceptable levels the Contractor shall be required to re-clean and pay for the additional air monitoring.

Regulated and or contained work area where final clearance concentrations are obtained for TEM analysis: Final air samples shall be collected from five (5) locations within the work area and five (5) outside the work area at the source of the makeup air. The average of the inside work area samples must be below 70 s/mm^2. One (1) field/trip blank will also be submitted for quality control measures.

END OF
SECTION 2 TECHNICAL HAZARD REMEDIATION SPECIFICATIONS

APPENDIX A

INVENTORY TABLE OF ASBESTOS-CONTAINING MATERIALS

TABLE 1 State of Nebraska 1526 Building Lincoln, Nebraska			
Level	**Location**	**Material Type**	**Approximate Quantity**
Stage I Basement Level (Addition & Original Building)	Addition Corridor to Elevators	Structural Fireproofing & Overspray	600 SF
	Original Corridor to Elevator	Spray Applied Acoustical Ceiling & Overspray	500 SF
	Addition Mechanical Room	Fittings	140 MF
	Addition Mechanical Room	Plaster Ceiling	225 SF
	Original Boiler Room	Pipe Insulation (Mill board, Air Cell)	850 LF
	Original Boiler Room	Fittings	200 MF
	Original Boiler Room	Tank Insulation	875 SF
	Original Boiler Room	Gasket	2 SF
	Original Mechanical Room adjacent to Kitchen	Pipe Insulation (Mill board, Air Cell)	60 LF
	Original Mechanical Room adjacent to Kitchen	Fittings	25 MF
	Original Mechanical Room	Fittings	100 MF
	Original Mechanical Room	Pipe Insulation (Mill board, Air Cell)	500 LF
	Original Mechanical Room adjacent to Kitchen	Floor Tile	700 SF
Stage I Fourth Floor (Addition)	Throughout	Structural Fireproofing & Overspray	11,155 SF
	Throughout Under Carpet	Floor Mastic (Black) under Carpet	10,480 SF
	Throughout	Mudded Fittings	8 MF
	Throughout	2’x4’ Light	145 Fixtures
Stage I Fourth Floor (Original)	Throughout	Spray Applied Acoustical Ceiling & Overspray	8,405
	Mechanical Room	Pipe Insulation (Mill board, Air Cell)	60 LF
	Mechanical Room	Hard Packed Fittings on Elbows and Valves	40 MF
	Above Ceiling & Chases	Pipe Insulation (Mill board, Air Cell)	400 LF
	Above Ceiling & Chases	Hard Packed Fittings on Elbows and Valves	45 MF
	Throughout	2’x4’ Light	130 Fixtures
Stage I	Throughout	Structural Fireproofing & Overspray	11,155 SF

TABLE 1 State of Nebraska 1526 Building Lincoln, Nebraska			
Level	**Location**	**Material Type**	**Approximate Quantity**
Third Floor Addition	Throughout	Mudded Fittings	6 MF
	Throughout	2'x4' Light	142 Fixtures
Stage I Third Floor Original	Throughout	Spray Applied Acoustical Ceiling & Overspray	8,405
	Mechanical Room	Pipe Insulation (Mill board, Air Cell)	100 LF
	Mechanical Room	Hard Packed Fittings on Elbows and Valves	40 MF
	Above Ceiling & Chases	Pipe Insulation (Mill board, Air Cell)	400 LF
	Above Ceiling & Chases	Hard Packed Fittings on Elbows and Valves	35 MF
	West Side Under Carpet	9" Floor Tile (Green)	2,859 SF
	West Side Under Raised Floor	9" Floor Tile (Green)	720 SF
	Throughout	2'x4' Light	140 Fixtures
Stage 2 Second Floor Addition	Throughout	Structural Fireproofing & Overspray	11,155 SF
	Throughout	Mudded Fittings	6 MF
	Throughout	2'x4' Light	136 Fixtures
Stage 2 Second Floor Original	Throughout	Spray Applied Acoustical Ceiling & Overspray	8,405 SF
	Under Carpet	Floor Tile	4,000 SF
	Mechanical Room	Pipe Insulation (Mill board, Air Cell)	100 LF
	Mechanical Room	Hard Packed Fittings on Elbows and Valve	30 MF
	Throughout	Pipe Insulation (Mill board, Air Cell)	400 LF
	Throughout	Hard Packed Fittings on Elbows and Valve	35 MF
	Throughout	2'x4' Light	105 Fixtures
Stage 2 First Floor Addition	Throughout	Structural Fireproofing & Overspray	10,480 SF
	Throughout	Mudded Fittings	6 MF
	Throughout	2'x4' Light	141 Fixtures
Stage 2 First Floor Original	Throughout	Spray Applied Acoustical Ceiling & Overspray	6,713 SF
	Throughout Original	Pipe Insulation (Mill board, Air Cell)	400 LF
	Throughout Original	Hard Packed Fittings on Elbows and Valves	40 MF

TABLE 1 State of Nebraska 1526 Building Lincoln, Nebraska			
Level	**Location**	**Material Type**	**Approximate Quantity**
	Mechanical Room & Adjoining Room	Pipe Insulation (Mill board, Air Cell)	150 LF
	Mechanical Room & Adjoining Room	Hard Packed Fittings on Elbows and Valves	20 MF
	Mechanical / Computer Room	Floor Tile	700 SF
	Throughout	2'x4' Light	121 Fixtures
Stage 2 Basement Level Addition	Throughout	Structural Fireproofing & Overspray	6,448 SF
	North Garage Rooms	Hard Packed Fittings on Elbows and Valves	34 MF
	Mail Room & Adjoining	12" & 9" Floor Tile and Mastic	5,175 SF
	SW Closet	Sheet Flooring	100 SF
Stage 2 Basement Level Original	Throughout	Spray Applied Acoustical Ceiling & Overspray	5,994 SF
	Throughout	Pipe Insulation (Mill board, Air Cell)	500 LF
	Throughout	Mudded Fittings	80 MF
	Corridor, Cafeteria, Records Storage	Floor Tile	6,120 SF
Roof	Roof	Transite Panel Windbreak for Cooling Tower	2,800 SF
Roof	Roof	Damaged Transite Panel	48 SF
Outside	Window Well	Transite Debris	15 SF

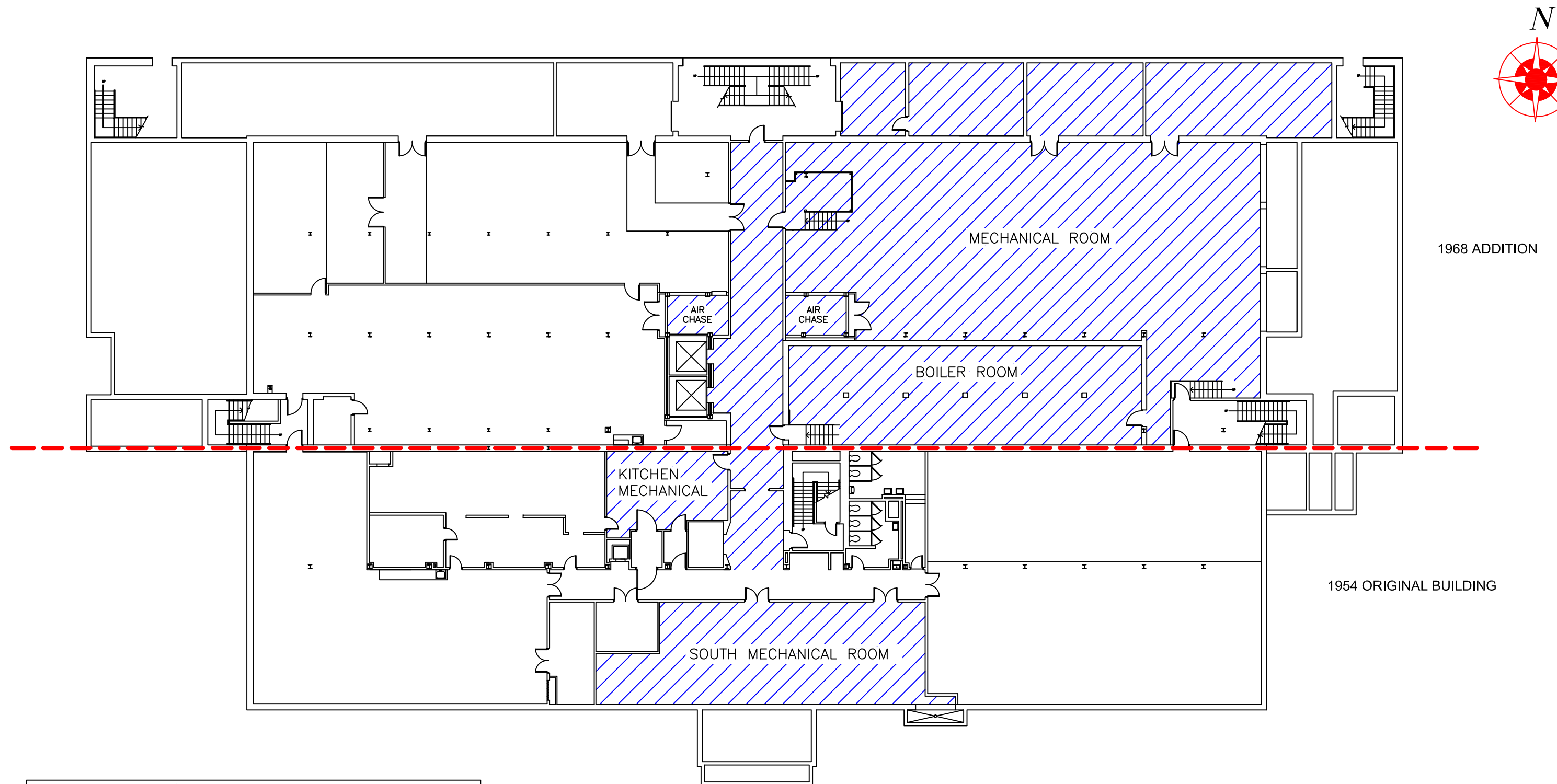
Table 1 Key:
PL=Plaster NAD=No Asbestos Detected SF=Square Feet
NA=Not Analyzed LF=Linear Feet MF=Mudded Fitting

Notes:

1. Materials <1% asbestos are not included as these materials do not meet the definition of an asbestos containing material (ACM).
2. Quantities are approximate and field verification is recommended.
3. Includes quantities of materials that were accessible during the time of the building survey. Other materials may be hidden or concealed such as flooring or piping and shall be removed under this document.

ENCLOSURE A

ASBESTOS MATERIAL LOCATIONS FOR ABATEMENT



STAGING PLAN

- STAGE 1 - AS SHOWN & 4TH, AND 3RD FLOORS
- STAGE 2 - 2ND AND 1ST FLOORS, AND REMAINING BASEMENT

(STAGE 1 INCLUDES ENTIRE AIR CHASES)

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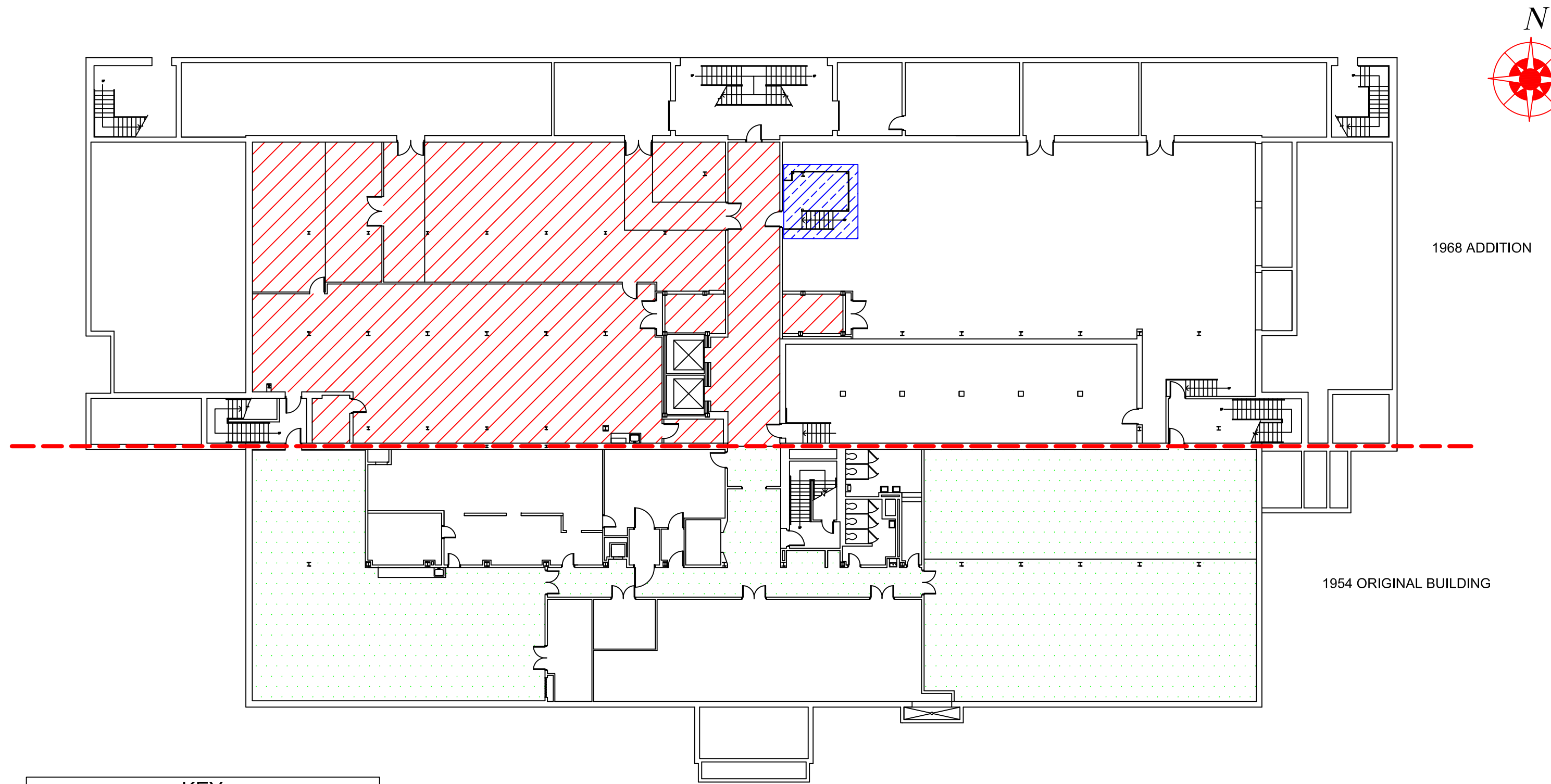
DRAWING TITLE
PHASING PLAN
1526 K STREET
LINCOLN, NEBRASKA 68108

SCALE: *NOT TO SCALE*

JOB NUMBER	DWN BY	DATE	CAD FILE	SHEET
07.62371.0021	*JDJ*	*2/15/2012*	*FILE*	*ACM-1*



KEY

▨	STRUCTURAL AND DECK FIRE PROOFING AND OVERSPRAY	6,448 S.F.
▨	SPRAY-APPLIED ACOUSTICAL FINISH AND OVERSPRAY	5,994 S.F.
▨	15'x15' ACOUSTICAL CEILING TO BE ABATED	

(QUANTITIES PROVIDED ARE APPROXIMATES)

NOTES

- DISCONNECT ELECTRICAL AND INSTALL TEMPORARY LIGHTING.
- CLEAN AND REMOVE 2'X4' LIGHTING AND STORE. (APPROXIMATELY 110 LIGHTS).
- REMOVE ALL CEILING PANELS AND GRID.
- REMOVE THE PLASTER CEILING SYSTEM IN ITS ENTIRETY AND OVERSPRAY.
- REMOVE FIRE PROOFING ON BEAMS, DECKING AND OVERSPRAY.
- REMOVE FIRE PROOFING UP TO THE INTERIOR PERIMETER BEAM, ENCAPSULATE REMAINING MATERIAL AND SEAL FOR PREPARATION OF ABATEMENT.

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DRAWING TITLE
BASEMENT CEILING PLAN
1526 K STREET
LINCOLN, NEBRASKA 68108

SCALE: *NOT TO SCALE*

JOB NUMBER	DWN BY	DATE	CAD FILE	SHEET
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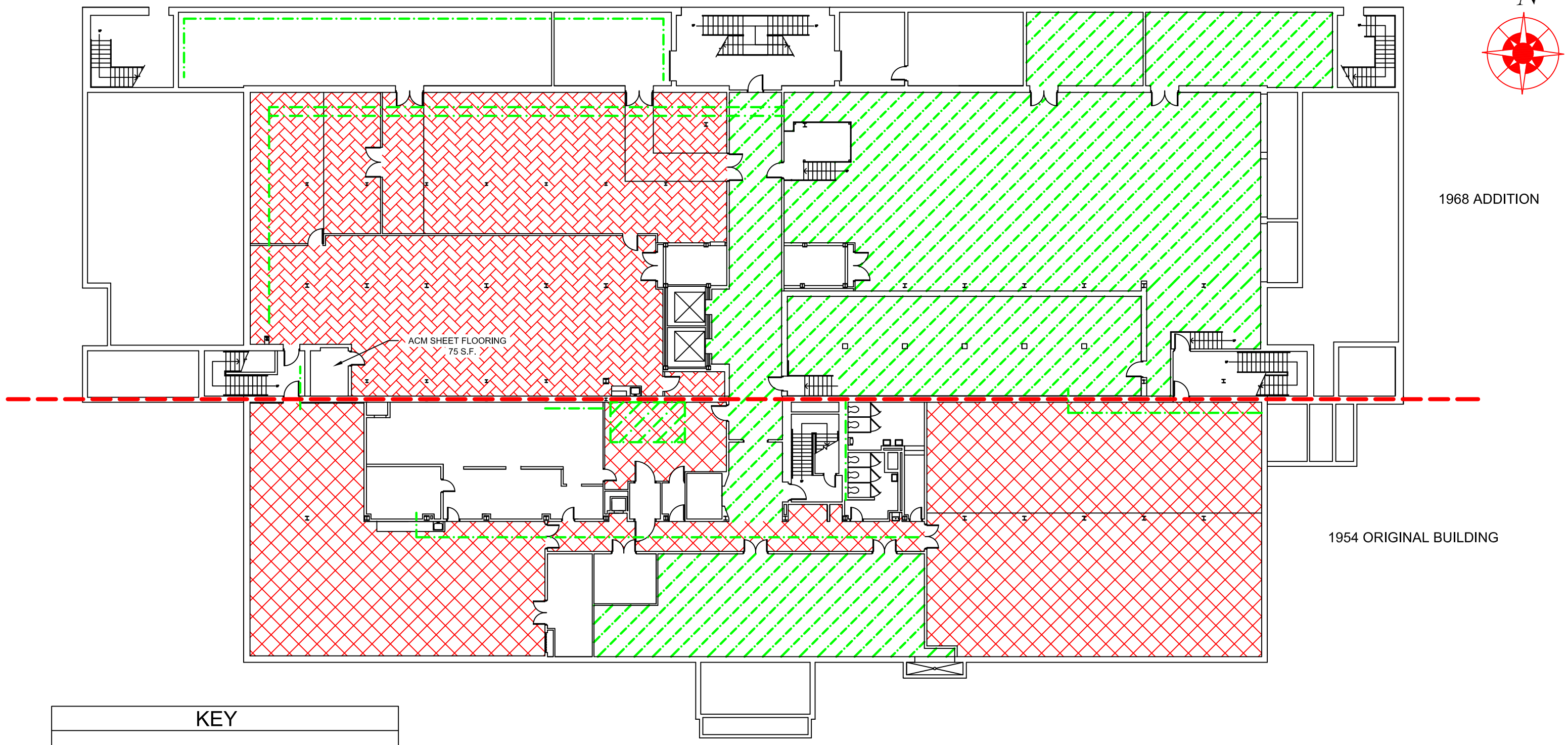

KEY

	9" & 12" FLOOR TILE & MASTIC (BLACK)	5,175 S.F.
	9"x9" FLOOR TILE	6,120 S.F.
	TSI PIPE RUNS/FITTINGS (MILLBOARD, AIR CELL, FIBERGLASS, HARD FITTINGS) (ADDITION: 140 MF)(ORIGINAL THROUGHOUT: 630' & 207 FITTINGS) (ORIGINAL BOILER: 850' PIPE, 200 FITTINGS, 850 S.F. TANKS)	

(QUANTITIES PROVIDED ARE APPROXIMATES)

NOTES

- REMOVE ALL CARPETING
- REMOVE ALL ASBESTOS FLOORING AND MASTIC
- REMOVE ALL TSI (ASBESTOS & NON-ASBESTOS) ABOVE CEILINGS AND IN PIPE CHASES. SEE MECHANICAL AND DEMOLITION PLAN FOR ADDITIONAL PIPE LOCATIONS.
- REMOVE CASEWORK AS NEEDED

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DRAWING TITLE
BASEMENT FLOORING PLAN
1526 K STREET
LINCOLN, NEBRASKA 68108

SCALE *NOT TO SCALE*

JOB NUMBER	DWN BY	DATE	CAD FILE	SHEET
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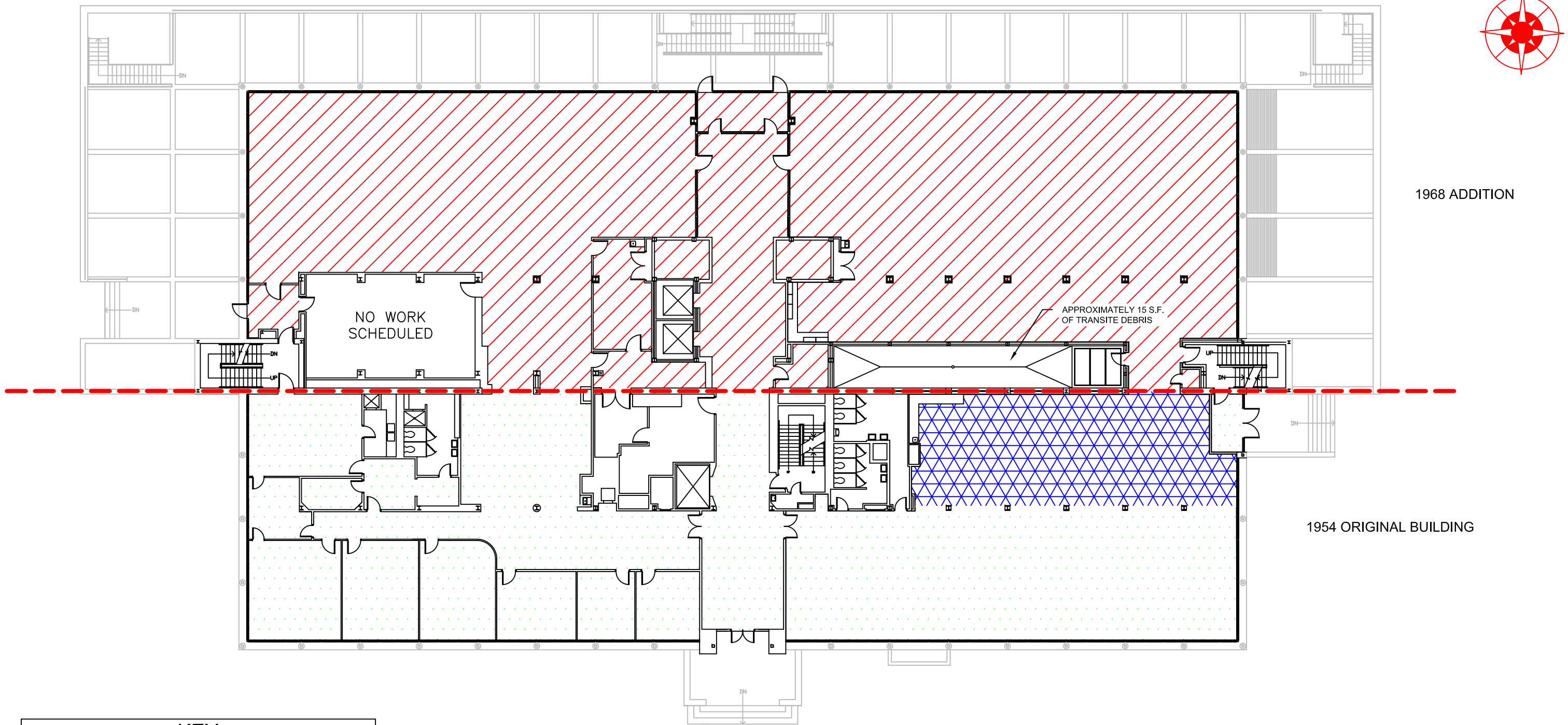

KEY

—	STRUCTURAL AND DECK FIRE PROOFING AND OVERSPRAY	10,480 S.F.
—	SPRAY-APPLIED ACOUSTICAL FINISH AND OVERSPRAY	6,713 S.F.
—	PREVIOUSLY ABATED SPRAY APPLIED ACOUSTICAL FINISH	1,489 S.F.

(QUANTITIES PROVIDED ARE APPROXIMATES)

NOTES

- DISCONNECT ELECTRICAL AND INSTALL TEMPORARY LIGHTING.
- CLEAN AND REMOVE 2'X4' LIGHTING AND STORE. (APPROXIMATELY 262 LIGHTS).
- REMOVE ALL CEILING PANELS AND GRID.
- REMOVE THE PLASTER CEILING SYSTEM IN ITS ENTIRETY AND OVERSPRAY.
- REMOVE FIRE PROOFING ON BEAMS, DECKING AND OVERSPRAY.
- REMOVE FIRE PROOFING UP TO THE INTERIOR PERIMETER BEAM, ENCAPSULATE REMAINING MATERIAL AND SEAL FOR PREPARATION OF ABATEMENT.

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DRAWING TITLE
1ST FLOOR CEILING PLAN
1526 K STREET
LINCOLN, NEBRASKA 68108

SCALE *NOT TO SCALE*

JOB NUMBER	DWN BY	DATE	CAD FILE	SHEET
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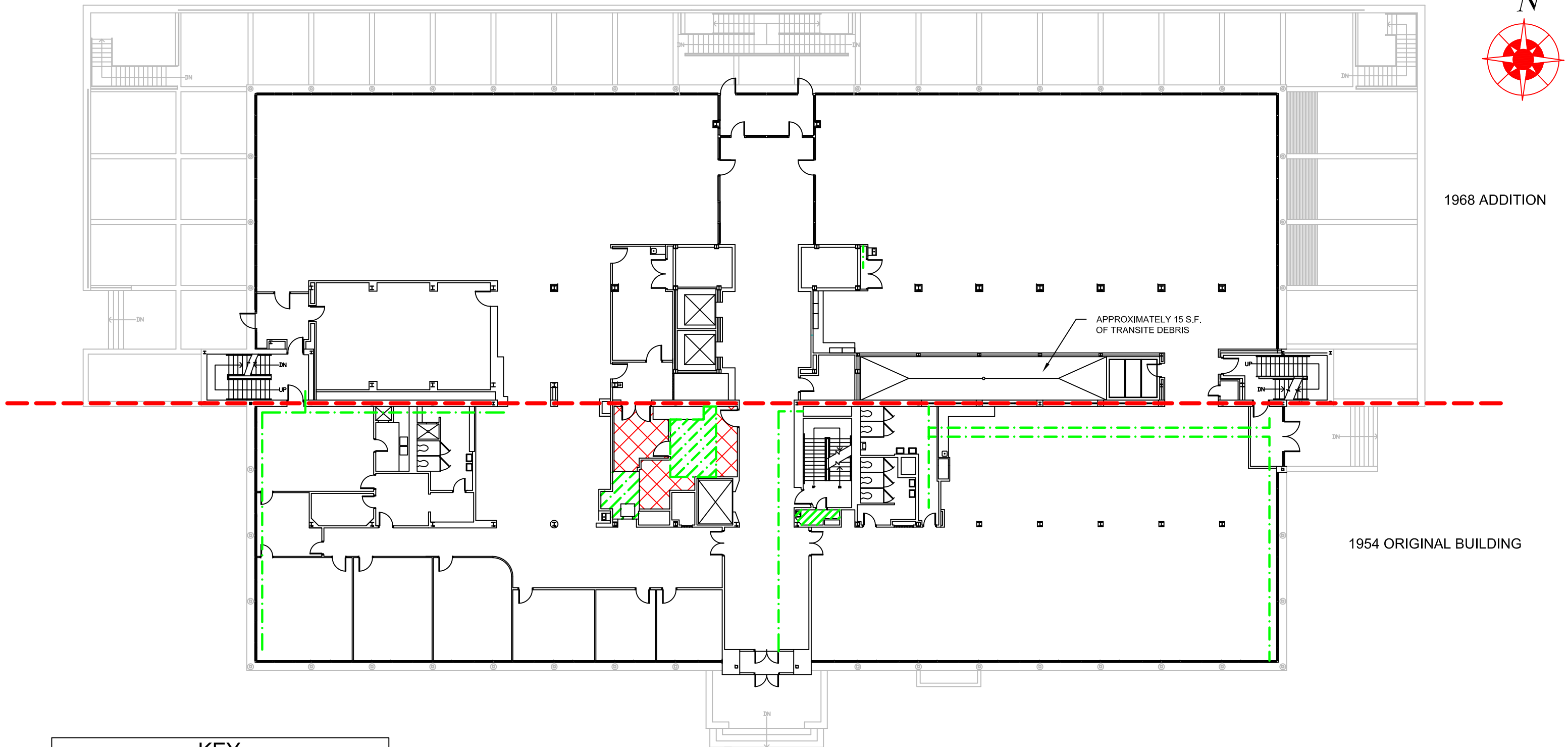

KEY

▨	9"x9" FLOOR TILE	700 S.F.
— · — · —	TSI PIPE RUNS/FITTINGS (MILLBOARD, AIR CELL, FIBERGLASS, HARD FITTINGS) (ADDITION: 6 MF)(ORIGINAL: 400' & 40 FITTINGS) (MECHANICAL ROOM & ADJOINING ROOM: 150' PIPE & 20 FITTINGS)	

(QUANTITIES PROVIDED ARE APPROXIMATES)

NOTES

- REMOVE ALL CARPETING.
- REMOVE ALL ASBESTOS FLOORING AND MASTIC.
- REMOVE ALL TSI (ASBESTOS & NON-ASBESTOS) ABOVE CEILINGS AND IN PIPE CHASES. SEE MECHANICAL AND DEMOLITION PLAN FOR ADDITIONAL PIPE LOCATIONS.

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DRAWING TITLE
1ST FLOOR FLOORING PLAN
1526 K STREET
LINCOLN, NEBRASKA 68108

SCALE *NOT TO SCALE*

JOB NUMBER	DWN BY	DATE	CAD FILE	SHEET
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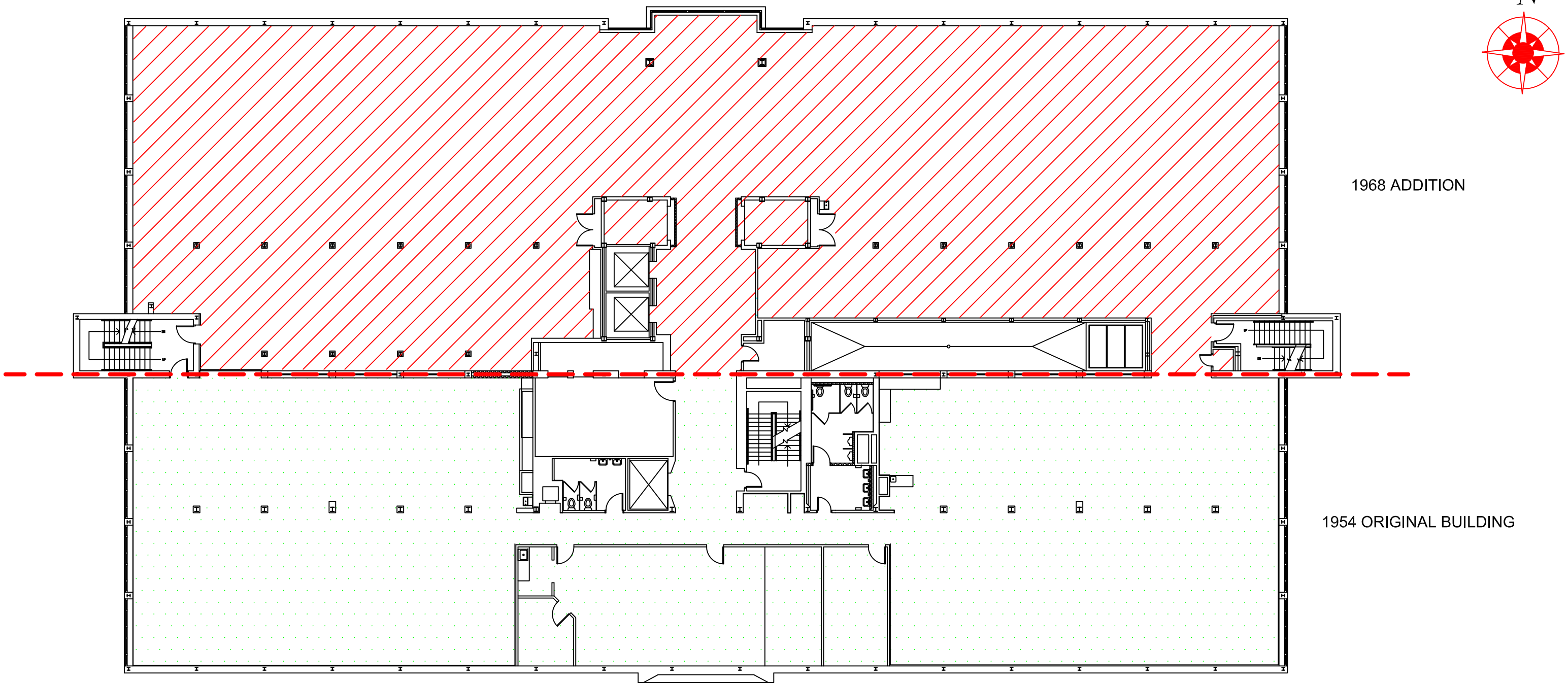

KEY

	STRUCTURAL & DECK FIRE PROOFING AND OVERSPRAY	11,155 S.F.
	SPRAY-APPLIED ACOUSTICAL FINISH AND OVERSPRAY	8,405 S.F.

(QUANTITIES PROVIDED ARE APPROXIMATES)

NOTES

- DISCONNECT ELECTRICAL AND INSTALL TEMPORARY LIGHTING.
- CLEAN AND REMOVE 2'X4' LIGHTING AND STORE. (APPROXIMATELY 241 LIGHTS).
- REMOVE ALL CEILING PANELS AND GRID.
- REMOVE THE PLASTER CEILING SYSTEM IN ITS ENTIRETY AND OVERSPRAY.
- REMOVE FIRE PROOFING ON BEAMS, DECKING AND OVERSPRAY.
- REMOVE FIRE PROOFING UP TO THE INTERIOR PERIMETER BEAM, ENCAPSULATE REMAINING MATERIAL AND SEAL FOR PREPARATION OF ABATEMENT.

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DRAWING TITLE
2ND FLOOR CEILING PLAN
1526 K STREET
LINCOLN, NEBRASKA 68108

SCALE *NOT TO SCALE*

JOB NUMBER	DWN BY	DATE	CAD FILE	SHEET
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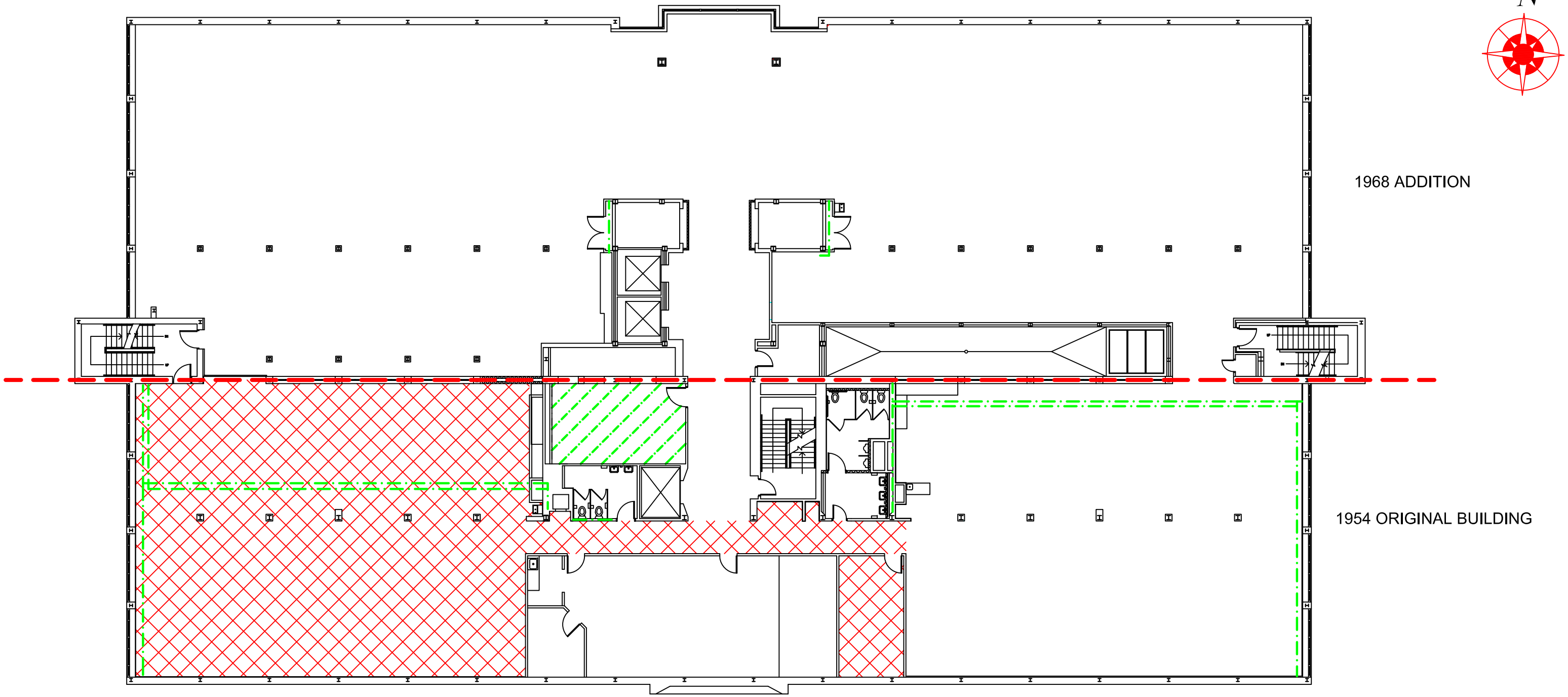

KEY

9"x9" FLOOR TILE (GREEN)	4,000 S.F.
TSI PIPE RUNS/FITTINGS (MILLBOARD, AIR CELL, FIBERGLASS, HARD FITTINGS) (ADDITION: 6 MF)(ORIGINAL: 400' & 35 FITTINGS) (MECHANICAL ROOM: 100' PIPE & 30 FITTINGS)	

(QUANTITIES PROVIDED ARE APPROXIMATES)

NOTES

- REMOVE ALL CARPETING
- REMOVE ALL ASBESTOS FLOORING AND MASTIC
- REMOVE ALL TSI (ASBESTOS & NON-ASBESTOS) ABOVE CEILINGS AND IN PIPE CHASES. SEE MECHANICAL AND DEMOLITION PLAN FOR ADDITIONAL PIPE LOCATIONS.

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DRAWING TITLE
2ND FLOOR FLOORING PLAN
1526 K STREET
LINCOLN, NEBRASKA 68108

SCALE *NOT TO SCALE*

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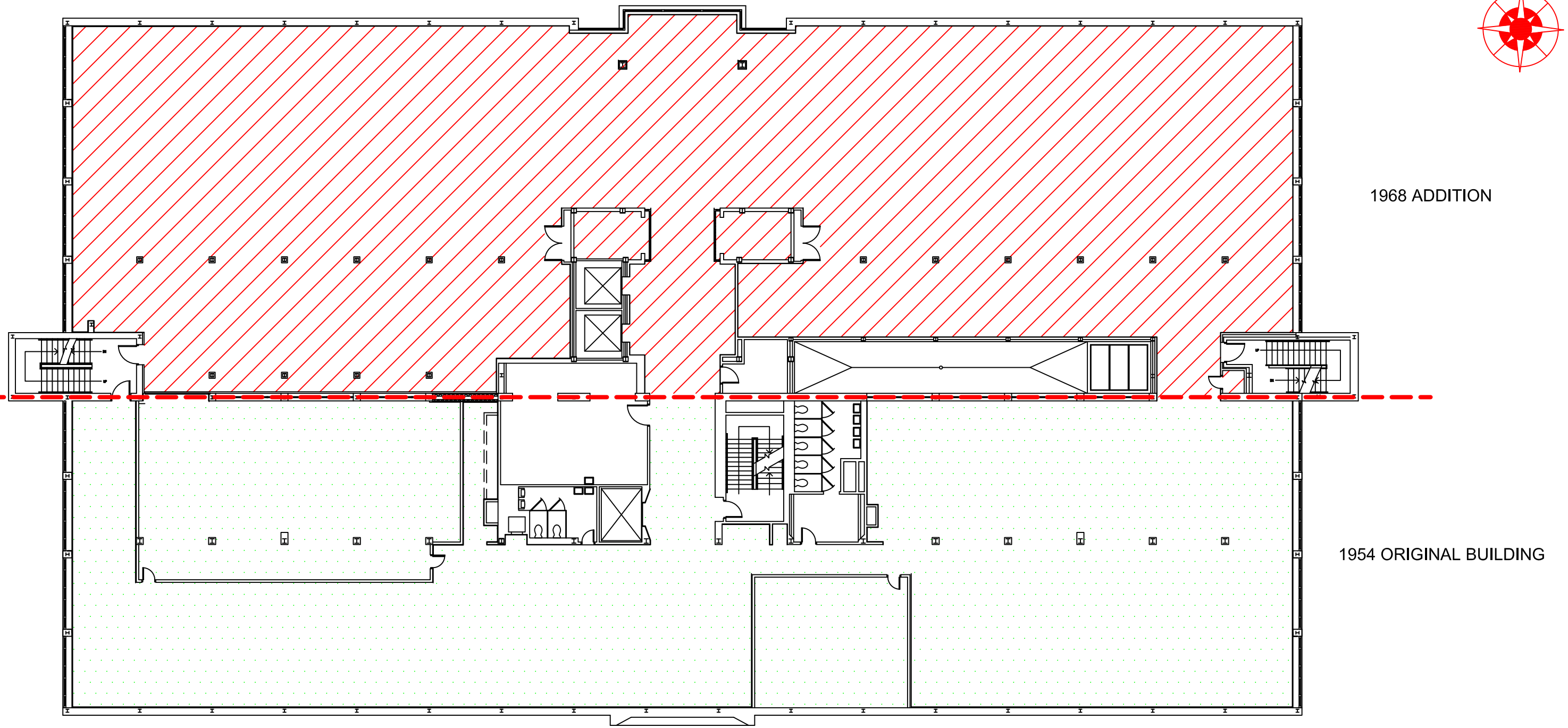

KEY

▨	STRUCTURAL & DECK FIRE PROOFING AND OVERSPRAY	11,155 S.F.
▩	SPRAY-APPLIED ACOUSTICAL FINISH AND OVERSPRAY	8,405 S.F.

(QUANTITIES PROVIDED ARE APPROXIMATES)

NOTES

- DISCONNECT ELECTRICAL AND INSTALL TEMPORARY LIGHTING.
- CLEAN AND REMOVE 2'X4' LIGHTING AND STORE. (APPROXIMATELY 282 LIGHTS).
- REMOVE ALL CEILING PANELS AND GRID.
- REMOVE THE PLASTER CEILING SYSTEM IN ITS ENTIRETY AND OVERSPRAY.
- REMOVE FIRE PROOFING ON BEAMS, DECKING AND OVERSPRAY.
- REMOVE FIRE PROOFING UP TO THE INTERIOR PERIMETER BEAM, ENCAPSULATE REMAINING MATERIAL AND SEAL FOR PREPARATION OF ABATEMENT.

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DRAWING TITLE
3RD FLOOR CEILING PLAN
1526 K STREET
LINCOLN, NEBRASKA 68108

SCALE *NOT TO SCALE*

JOB NUMBER	DWN BY	DATE	CAD FILE	SHEET
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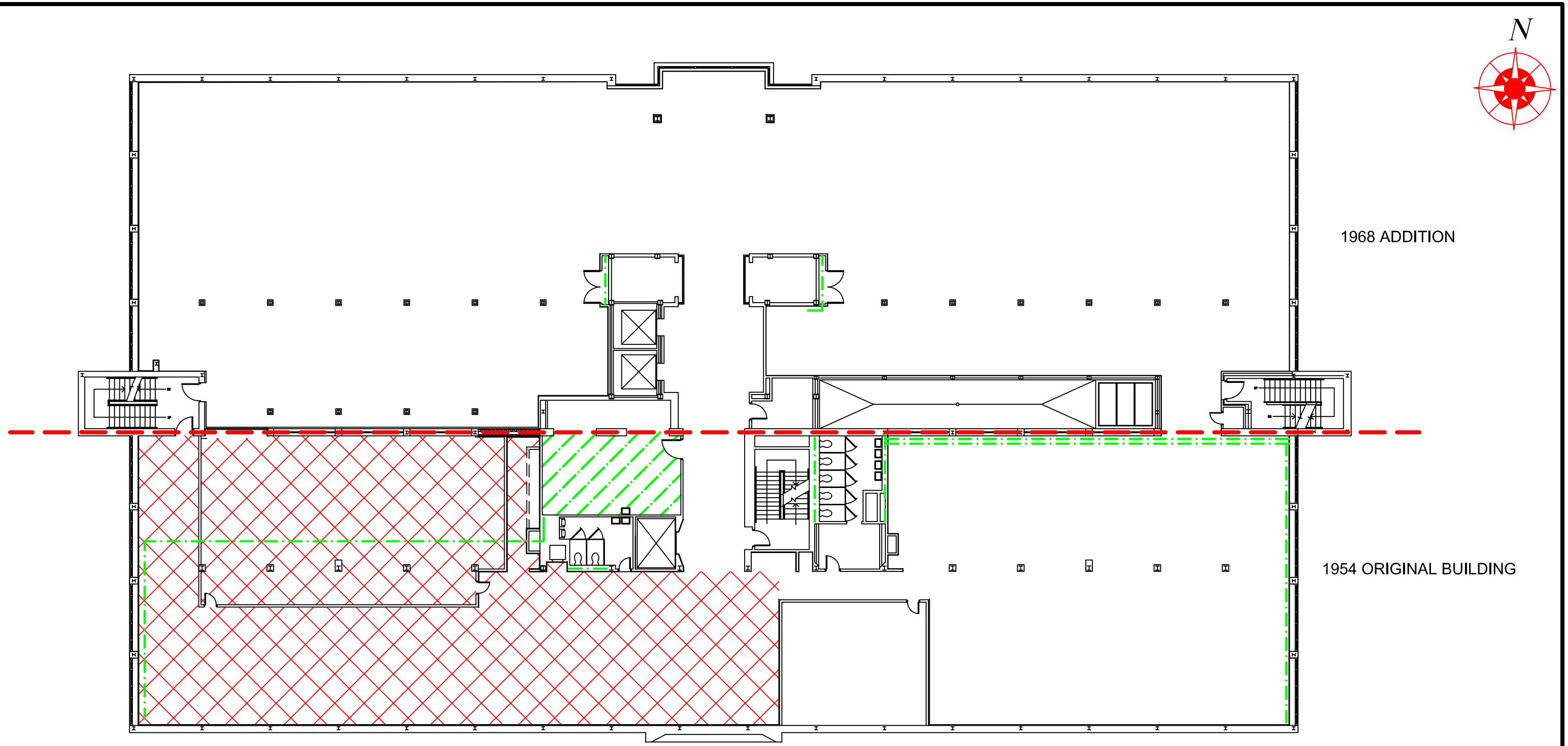

KEY

9"x9" FLOOR TILE (GREEN)	3,579 S.F.
TSI PIPE RUNS/FITTINGS (MILLBOARD, AIR CELL, FIBERGLASS, HARD FITTINGS) (ADDITION: 6 MF)(ORIGINAL: 400' & 35 FITTINGS) (MECHANICAL ROOM: 100' PIPE & 40 FITTINGS)	

(QUANTITIES PROVIDED ARE APPROXIMATES)

NOTES

- REMOVE ALL CARPETING
- REMOVE ALL ASBESTOS FLOORING AND MASTIC
- REMOVE ALL TSI (ASBESTOS & NON-ASBESTOS) ABOVE CEILINGS AND IN PIPE CHASES. SEE MECHANICAL AND DEMOLITION PLAN FOR ADDITIONAL PIPE LOCATIONS.

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DRAWING TITLE
3RD FLOOR FLOORING PLAN
1526 K STREET
LINCOLN, NEBRASKA 68108

SCALE *NOT TO SCALE*

JOB NUMBER	DWN BY	DATE	CAD FILE	SHEET
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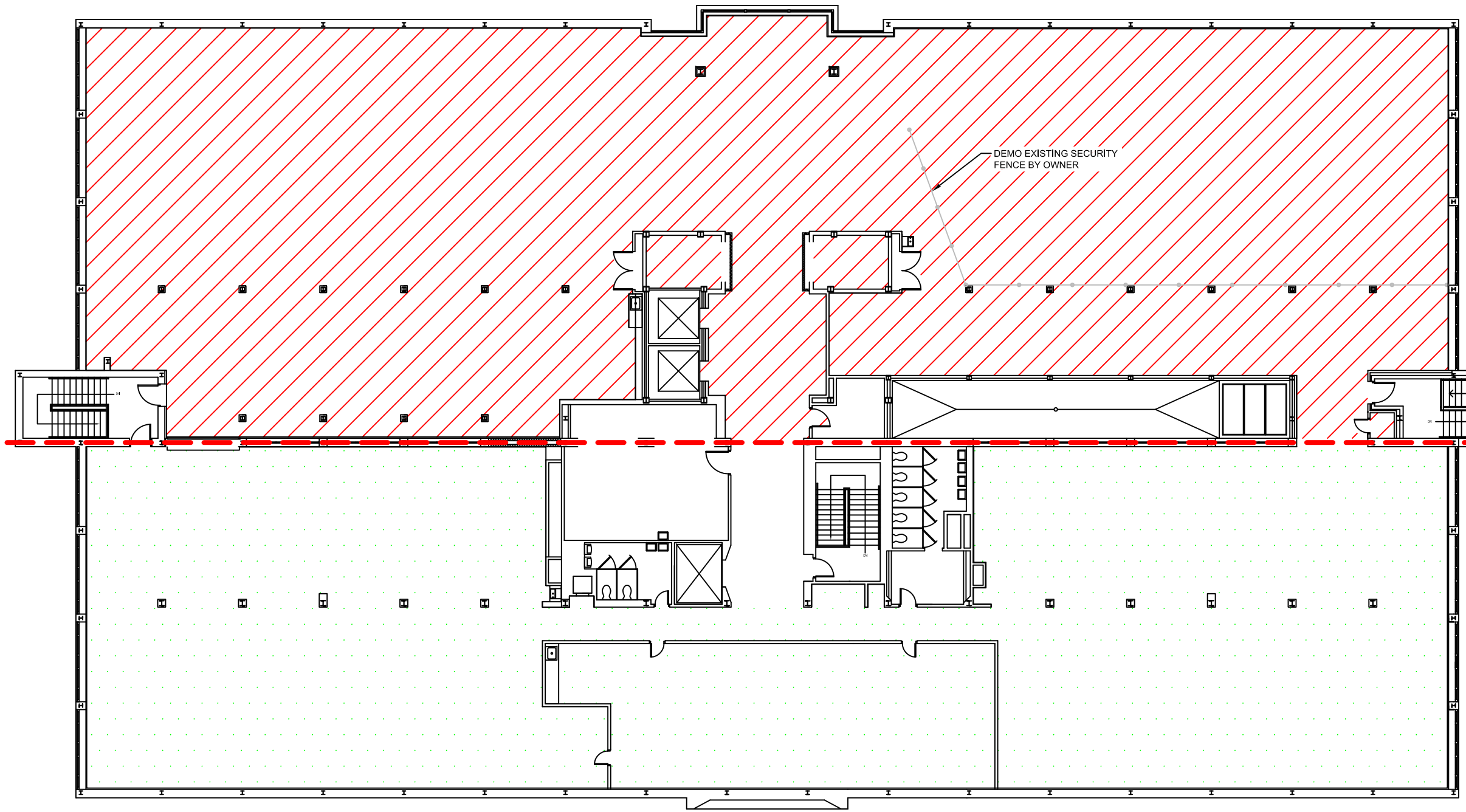


N

1968 ADDITION

1954 ORIGINAL BUILDING

KEY

—	STRUCTURAL FIRE PROOFING AND OVERSPRAY	11,155 S.F.
—	SPRAY-APPLIED ACOUSTICAL FINISH AND OVERSPRAY	8,405 S.F.

(QUANTITIES PROVIDED ARE APPROXIMATES)

NOTES

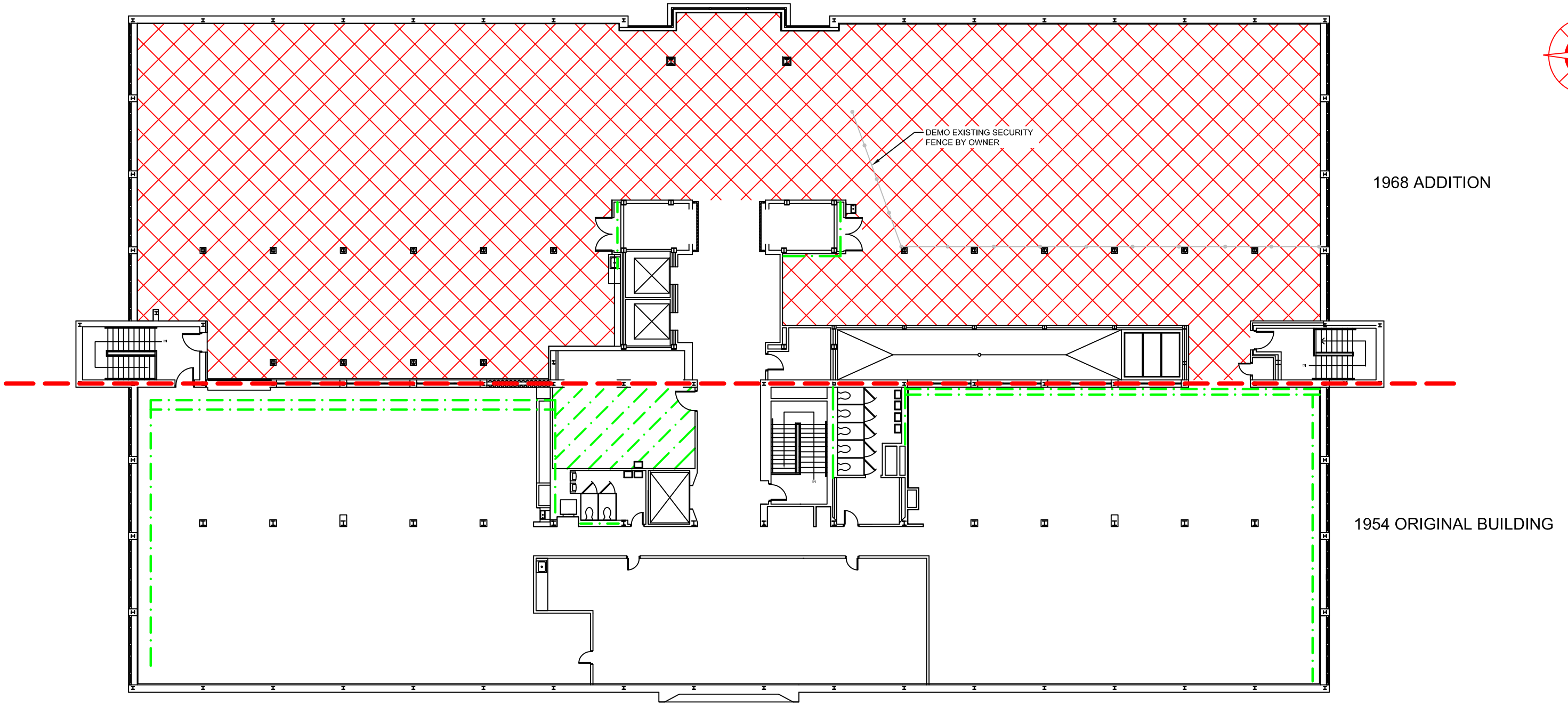
- DISCONNECT ELECTRICAL AND INSTALL TEMPORARY LIGHTING.
- CLEAN AND REMOVE 2'X4' LIGHTING AND STORE. (APPROXIMATELY 275 LIGHTS).
- REMOVE ALL CEILING PANELS AND GRID.
- REMOVE THE PLASTER CEILING SYSTEM IN ITS ENTIRETY AND OVERSPRAY.
- REMOVE FIRE PROOFING ON BEAMS, DECKING AND OVERSPRAY.
- REMOVE FIRE PROOFING UP TO THE INTERIOR PERIMETER BEAM, ENCAPSULATE REMAINING MATERIAL AND SEAL FOR PREPARATION OF ABATEMENT.

ATC ASSOCIATES INC.
11117 MOCKINGBIRD DRIVE
OMAHA, NE 68137
(402) 697-9747
FAX (402) 597-8532

DRAWING TITLE
FOURTH FLOOR CEILING PLAN
1526 K STREET
LINCOLN, NEBRASKA 68508

SCALE *NOT TO SCALE*

JOB NUMBER	DWN BY	DATE	CAD FILE	SHEET
07.62371.0021	*JDJ*	*2/16/2012*	*FILE*	*ACM-10*



KEY

BLACK FLOOR MASTIC UNDER CARPET : 10,480 S.F.

TSI PIPE RUNS/FITTINGS (MILLBOARD, AIR CELL, FIBERGLASS, HARD FITTINGS)
(ADDITION: 8 MF)(ORIGINAL: 400' & 45 FITTINGS)
(MECHANICAL ROOM: 60' PIPE & 40 FITTINGS)

(QUANTITIES PROVIDED ARE APPROXIMATES)

NOTES

- REMOVE ALL CARPETING
- REMOVE ALL ASBESTOS FLOORING AND MASTIC
- REMOVE ALL TSI (ASBESTOS & NON-ASBESTOS) ABOVE CEILINGS AND IN PIPE CHASES. SEE MECHANICAL AND DEMOLITION PLAN FOR ADDITIONAL PIPE LOCATIONS.

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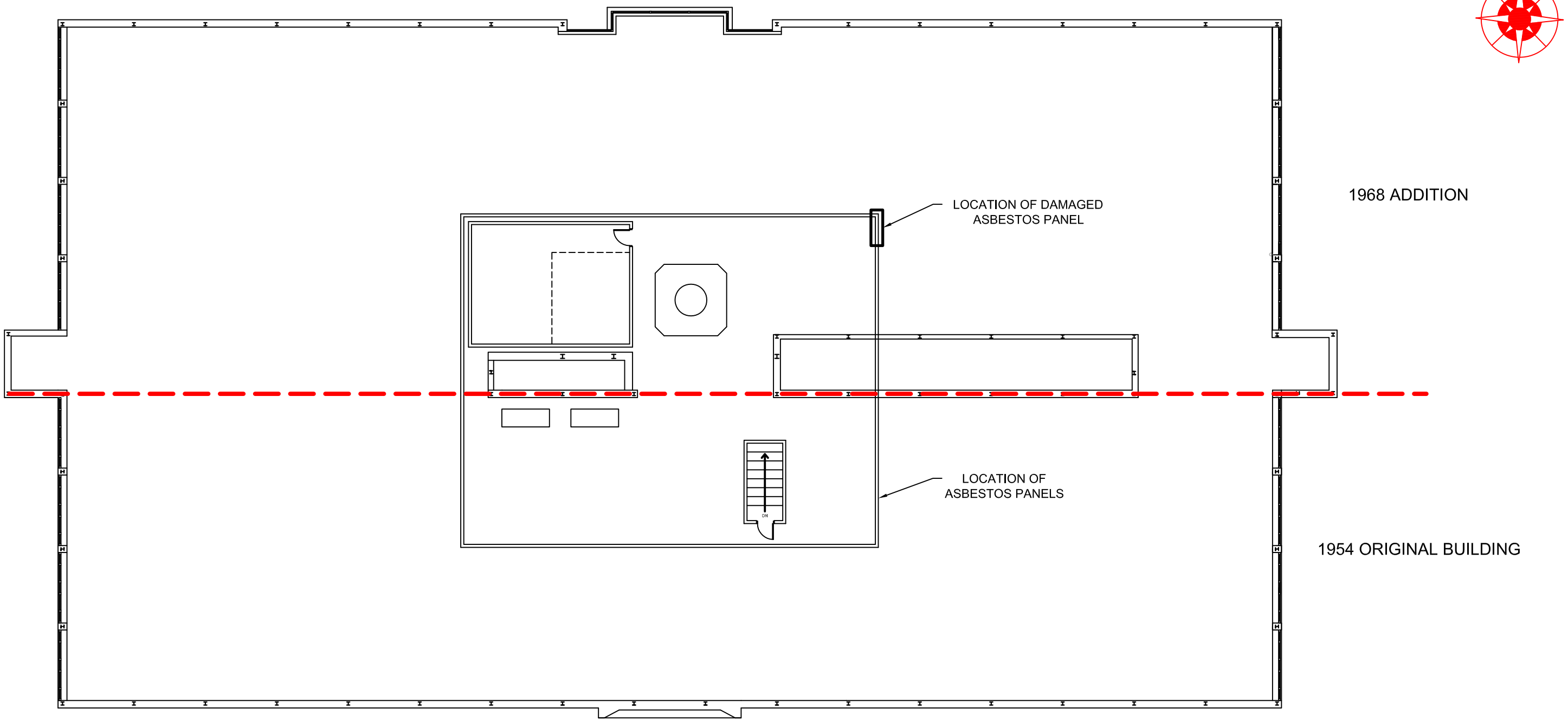
1526 K STREET
LINCOLN, NEBRASKA 68508

SCALE: *NOT TO SCALE*

JOB NUMBER	DWN BY	DATE	CAD FILE	SHEET
07.62371.0021	*JDJ*	*2/16/2012*	*FILE*	*ACM-11*



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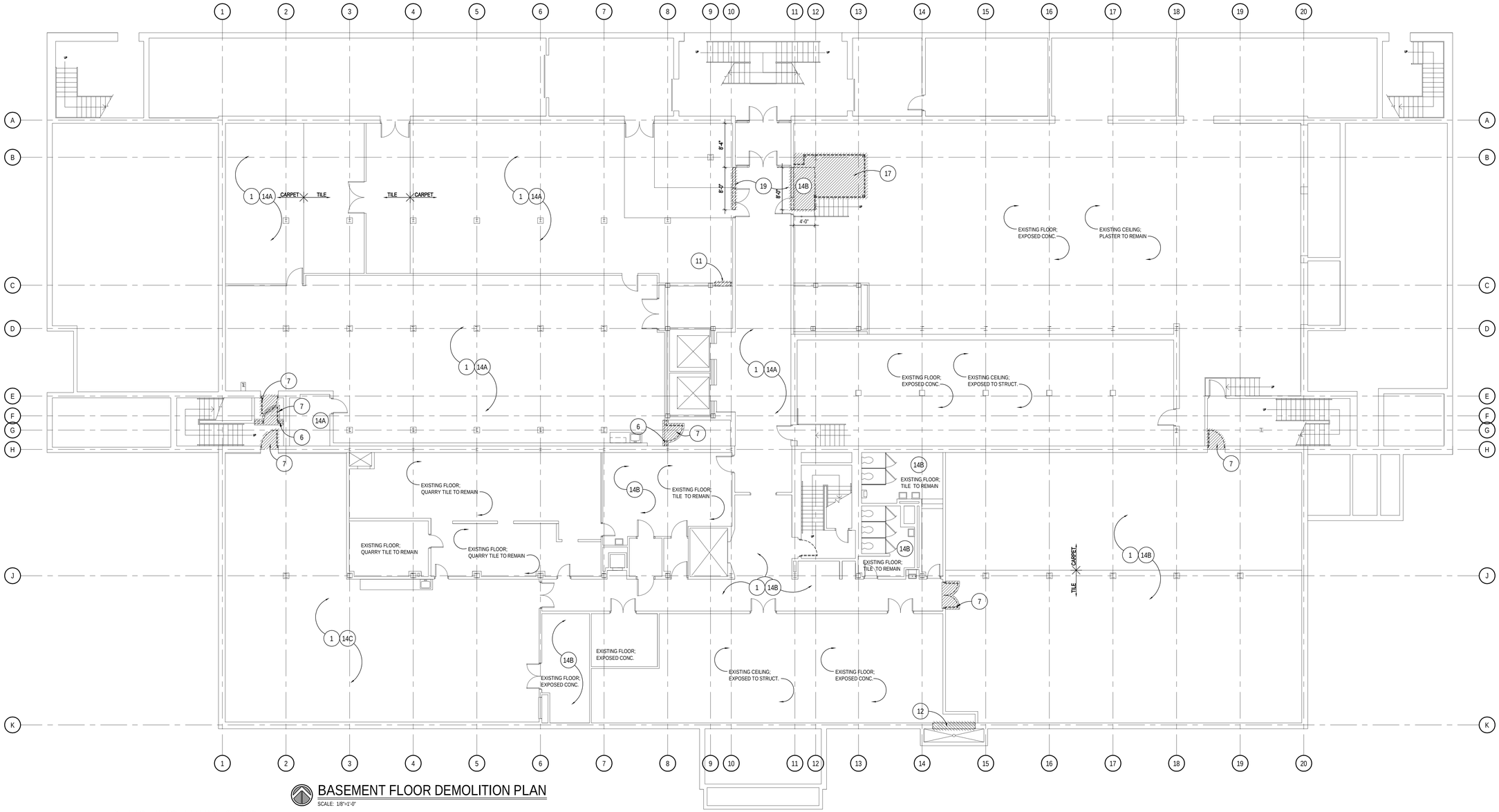
DRAWING TITLE
ROOF PLAN
1526 K STREET
LINCOLN, NEBRASKA 68508

SCALE *NOT TO SCALE*

JOB NUMBER	DWN BY	DATE	CAD FILE	SHEET
07.62371.0021	*JDJ*	*2/16/2012*	*FILE*	*ACM-12*

ENCLOSURE B

KEY ARCHITECTURAL AND MECHANICAL DEMOLITION PLANS
(ADDITIONAL PLANS FOR REVIEW ARE ON
SUBMITTAL EXCHANGE
PROJECT NUMBER 1046)



BASEMENT FLOOR DEMOLITION PLAN

SCALE: 1/8"=1'-0"

DEMOLITION KEYNOTES

(DENOTED ON PLANS AS ⓘ)

1. REMOVE EXISTING FLOOR FINISH TO SLAB IN ENTIRE ROOM (BY OTHERS)
2. REMOVE ALL WALL FINISH/ TILING AND MASTIC/GROUT FROM SUBSTRATE @ ALL WALLS IN ROOM- PREPARE SURFACES FOR NEW FINISHES, TYP.
3. REMOVE ALL PLUMBING FIXTURES AND ALL SUPPLY AND WASTE PIPING BACK TO MAINS- SEE MECHANICAL
4. REMOVE MECHANICAL HEATING UNIT- SEE MECHANICAL
5. REMOVE ALL TOILET PARTITIONS, MIRRORS, DISPENSERS, AND MOUNTING BRACKETS ETC.
6. REMOVE WALL PARTITION IN ITS ENTIRETY FROM FLOOR TO CEILING TO THE EXTENT SHOWN (STRUCTURAL STEEL TO REMAIN)
7. REMOVE DOOR & FRAME
8. REMOVE OPERABLE WINDOW SECTION ONLY FROM WINDOW SYSTEM. PROTECT & SALVAGE ADJACENT INTERIOR & EXTERIOR FINISH SURFACES, AND CLEAN & PREPARE FRAMES FOR REPLACEMENT INSULATING GLASS UNITS. REMOVE CAULKING FROM ENTIRE WINDOW PERIMETER. PREP FOR NEW CAULKING
9. CREATE OPENING IN PARTITION FOR DOOR & FRAME
10. REMOVE WOOD BATTENS (SALVAGE FOR REUSE) & PLYWOOD VENEER (SALVAGE FOR REUSE) (WOOD TRIMMED CORNERS TO REMAIN @ CHASE SIDES), METAL LOUVERS, & HOLLOW METAL FRAME @ CHASE OPENING
11. REMOVE RETURN AIR GRILLE & PREPARE OPENING FOR INFILL CONSTRUCTION
12. EXISTING LOUVER TO REMAIN; BLANK OFF THE EXISTING LOUVER; SEE MECHANICAL DRAWINGS.
13. REMOVE WATER FEATURE & REPAIR AND REFINISH FLOORING TO MATCH EXISTING.

14A. REMOVE ALL AREAS OF SUSPENDED LAY-IN ACOUSTICAL PANEL CEILING SYSTEM IN ITS ENTIRETY. (BY OTHERS)

14B. REMOVE ALL AREAS OF PLASTER CEILING SYSTEM IN ITS ENTIRETY. (BY OTHERS)

14C. REMOVE ALL AREAS OF SUSPENDED LAY-IN ACOUSTICAL PANEL CEILING SYSTEM AND ALL AREAS OF THE ABOVE PLASTER CEILING SYSTEM IN THEIR ENTIRETY. (BY OTHERS)

15. REMOVE MECHANICAL VENTILATOR/ DUCTWORK/ CONDENSER DOWN TO CURBING. PREPARE CURB FOR INSTALLATION OF SHEET METAL CAP.
16. REMOVE FLUE DOWN TO CURBING. PREPARE CURB FOR INSTALLATION OF SHEET METAL CAP.
17. REMOVE WOOD FRAME PLATFORM CONSTRUCTION- ADJACENT STEEL STAIR SYSTEM TO REMAIN
18. CREATE OPENING IN STRUCTURAL FLOOR SYSTEM TO EXTENT SHOWN
19. CREATE 2-COURSE HIGH OPENING IN CMU WALL ABOVE CEILING
20. REMOVE WINDOW FRAME SYSTEM & SILL IN ITS ENTIRETY- PREPARE OPENING FOR INFILL FRAMING/ FINISH.
21. REMOVE WINDOW FRAME SYSTEM, SILL, AND WALL CONSTRUCTION BELOW TO EXTENT SHOWN
22. REMOVE ROOFING SYSTEM AND GUARDRAIL @ PERIMETER OF OPEN SHAFT-PREPARE ADJACENT ROOFING/ STRUCTURE FOR INFILL CONSTRUCTION AND ROOFING TIE-IN.
23. REMOVE EXISTING COLUMN COVER IN ITS ENTIRETY FROM FLOOR TO CEILING TO THE EXTENT SHOWN (STRUCTURAL STEEL TO REMAIN)
24. REMOVE PLYWOOD VENEER WALL FINISH (SALVAGE FOR REUSE). PREPARE WALL FOR REFINISH.
25. REMOVE EXISTING DUMBWAITER SYSTEM AND WALLS ASSOCIATED WITH IT IN IT'S ENTIRETY. REPAIR ADJACENT WALLS FOR REFINISH.
26. REMOVE SOFFIT / BULKHEAD AND WALL PARTITION ABOVE IN THEIR ENTIRETY TO CEILING TO THE EXTENT SHOWN. (STRUCTURAL STEEL TO REMAIN).
27. REMOVE LOWER & UPPER CASEWORK IN THEIR ENTIRETY TO THE EXTENT SHOWN. REPAIR WALL AND ADJACENT WALLS FOR REFINISH.
28. REMOVE ELEVATED FLOORING PLATFORM IN ITS ENTIRETY TO THE EXTENT SHOWN. REPAIR ADJACENT WALLS FOR REFINISH.
29. REMOVE METAL WALL PANELING AND ALL FRAMING ASSOCIATED WITH WALL PANEL IN ITS ENTIRETY; REPAIR ANY HOLES OR DAMAGED WALLS ADJACENT TO DEMOLITION OF WALL PANELS.
30. REMOVE FIXED WINDOW SECTION ONLY FROM WINDOW SYSTEM. PROTECT & SALVAGE ADJACENT INTERIOR & EXTERIOR FINISH SURFACES, AND CLEAN & PREPARE FRAMES FOR REPLACEMENT INSULATING GLASS UNITS. REMOVE CAULKING FROM ENTIRE WINDOW PERIMETER. PREP FOR NEW CAULKING
31. REMOVE RETURN AIR GRILLE & FINISH EXISTING OPENING TO MATCH ADJACENT FINISH.
32. REMOVE STOREFRONT WINDOW SYSTEM IN IT'S ENTIRETY
33. REMOVE CABINET TYPE DOORS AND ALL ASSOCIATED HARDWARE AND SALVAGE FOR REINSTALLMENT.

GENERAL DEMOLITION NOTE ITEMS

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS SHOWN ON THE PLANS PRIOR TO DEMOLITION. ANY DEVIATIONS IN THE EXISTING CONDITIONS OR DIMENSIONS INDICATED SHALL BE COORDINATED WITH THE ARCHITECT/ENGINEER AND OWNER IN ORDER TO MODIFY THE PLANS ACCORDINGLY.
2. THE CONTRACTOR IS RESPONSIBLE FOR PRODUCING WEATHER TIGHT CONSTRUCTION.THE EXISTING BUILDING SHALL BE PROTECTED FROM WEATHER AT ALL TIMES. OPENINGS AND PENETRATIONS SHALL BE PROTECTED WITH DURABLE, INSULATED TEMPORARY CONSTRUCTION. COORDINATE SECURITY REQUIREMENTS WITH THE OWNER.
3. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING ITEMS NOT BEING REMOVED FROM PROJECT AREA. ANY DAMAGE THAT MAY OCCUR FROM WORK UNDER THIS CONTRACT SHALL BE RESTORED TO ITS ORIGINAL CONDITION OR REPLACED.
4. THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER IF DEMOLITION WORK APPEARS TO AFFECT THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING BEFORE PROCEEDING.
5. THE GENERAL CONTRACTOR TO COORDINATE ALL DEMOLITION WORK BETWEEN ALL TRADES. AREAS OF WORK SHALL BE KEPT CLEAN AND SAFE. DISPOSE OF DEBRIS DAILY AND CLEAN AREAS OR WORK UPON COMPLETION.
6. ALL WORK TO BE COORDINATED WITH THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATION OF ALL WORK WITH THE OWNER.
7. OWNER HAS RIGHT TO CLAIM ANY MATERIALS AND/OR EQUIPMENT THAT IS SCHEDULED TO BE DEMOLISHED OR REMOVED FROM THE SITE.
8. EXISTING STRUCTURE (INCLUDING KICKERS AND CROSS BRACING) SHALL NOT BE REMOVED OR MODIFIED, UNLESS SPECIFICALLY NOTED.
9. SEE INTERIOR SPACE PLANNING SHEETS FOR DEMOLITION OF INTERIOR PARTITIONS/ CEILINGS NOT INDICATED ON THIS PLAN.
10. DEMOLITION SHALL BE PERFORMED WHERE REQUIRED TO FACILITATE NEW WORK, WHETHER SPECIFICALLY INDICATED IN DEMOLITION PLAN/ NOTES OR NOT.
11. DEMOLITION OF HAZARDOUS MATERIAL (ACM) BY OWNER UNDER SEPARATE CONTRACT. COORDINATE WITH OWNER.
12. SEE MECHANICAL DEMOLITION PLANS FOR FURTHER INFORMATION PERTAINING TO DEMOLITION OF MECHANICAL ITEMS.

GENERAL CONSTRUCTION PREPARATION NOTES

1. WHERE NEW WALLS ARE TO ALIGN WITH EXISTING WALLS PREPARE WALL FOR NEW FINISHES. GLAZE ENTIRE SURFACE WITH DRY WALL COMPOUND AS REQUIRED TO ACHIEVE A CONSISTENT SMOOTH FINISH.
2. ALL AREAS WHERE CEILING GRID AND PANELS WERE REMOVED COMPLETELY, PREPARE WALLS FOR NEW FINISHES. GLAZE ENTIRE SURFACE WITH DRY WALL COMPOUND TO ACHIEVE A CONSISTENT SMOOTH FINISH.
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Kansas City, Missouri

95% Design Review Submittal

Nebraska
Administrative Services
1526 Building Remodel

1526 K Street
Lincoln, NE

TCEP No.: 155-056-10

March 12, 2012

DRAFT
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Basement Floor Demolition Plan

A0.0

Plot Time Stamp: 2 / 21 / 2012 11:02:53 AM
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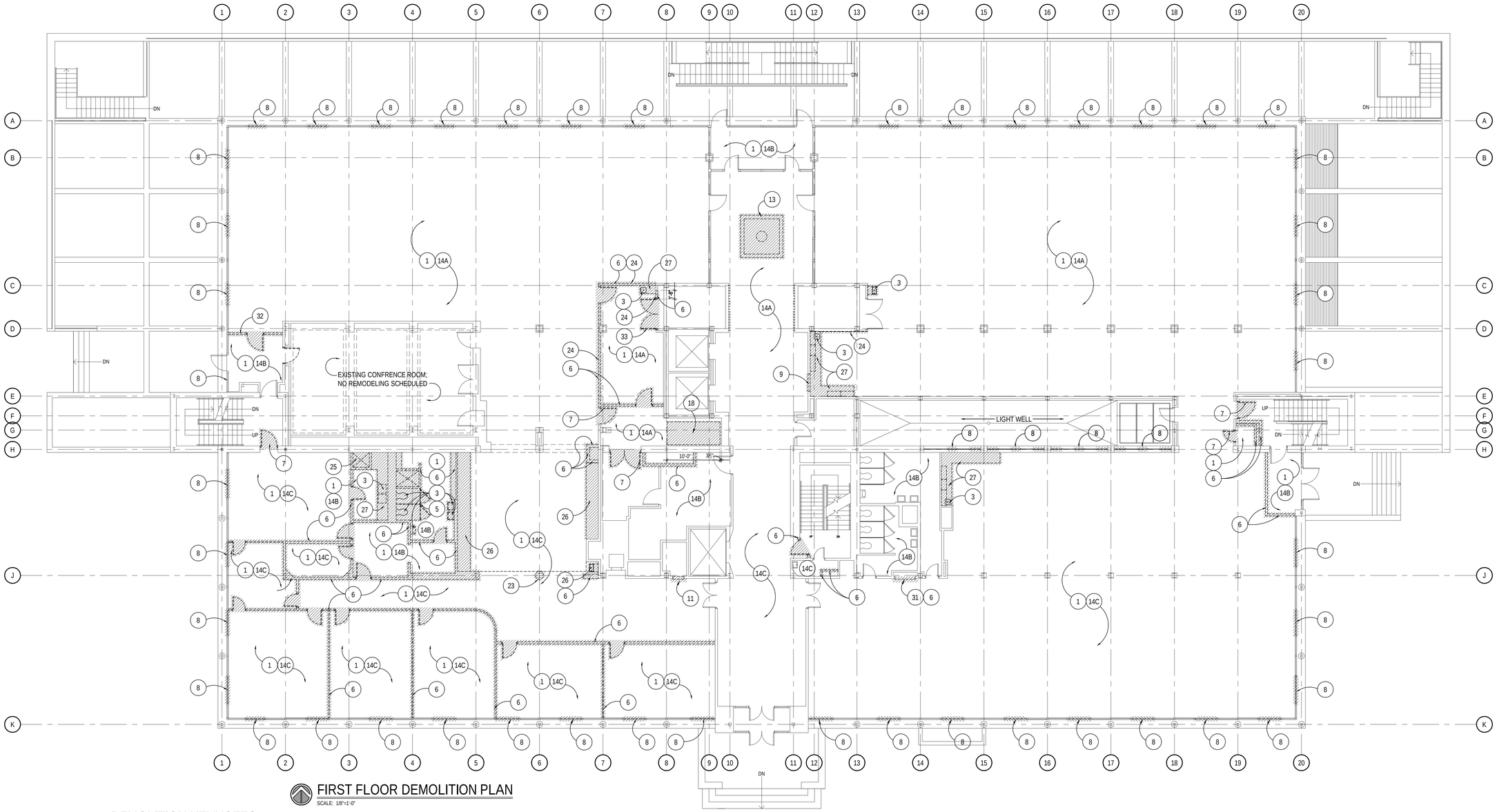

FIRST FLOOR DEMOLITION PLAN

SCALE: 1/8"=1'-0"

DEMOLITION KEYNOTES

(DENOTED ON PLANS AS ⓘ)

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GENERAL CONSTRUCTION PREPARATION NOTES

1. WHERE NEW WALLS ARE TO ALIGN WITH EXISTING WALLS PREPARE WALL FOR NEW FINISHES. GLAZE ENTIRE SURFACE WITH DRY WALL COMPOUND AS REQUIRED TO ACHIEVE A CONSISTENT SMOOTH FINISH.
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Kansas City, Missouri

95% Design Review Submittal

Nebraska
Administrative Services
1526 Building Remodel

1526 K Street
Lincoln, NE

TCEP No.: 155-056-10

March 12, 2012

DRAFT
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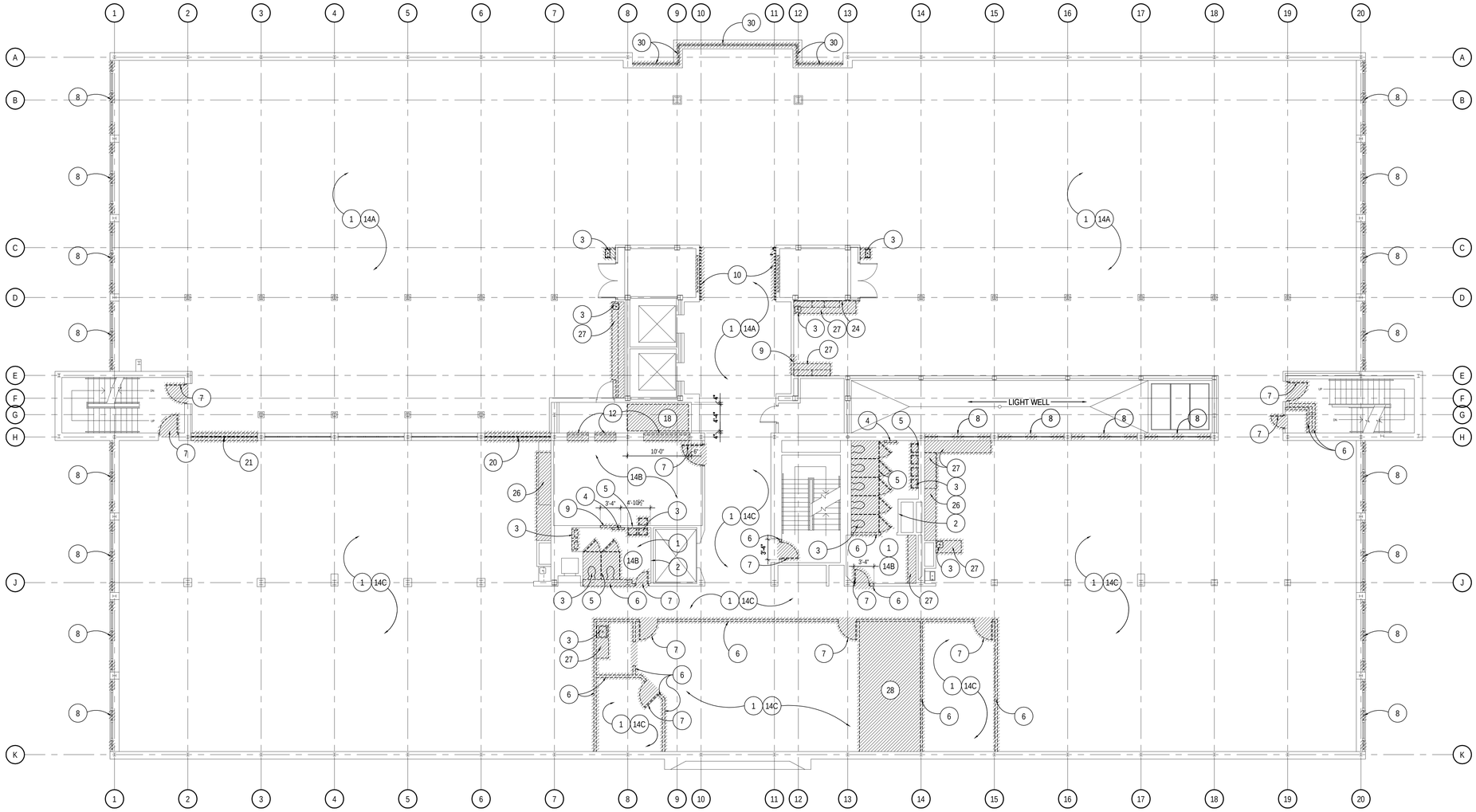
First Floor
Demolition Plan

A0.1



SECOND FLOOR DEMOLITION PLAN

SCALE: 1/8"=1'-0"

DEMOLITION KEYNOTES

(DENOTED ON PLANS AS ⓘ)

1. REMOVE EXISTING FLOOR FINISH TO SLAB IN ENTIRE ROOM (BY OTHERS)
2. REMOVE ALL WALL FINISH/ TILING AND MASTIC/GROUT FROM SUBSTRATE @ ALL WALLS IN ROOM- PREPARE SURFACES FOR NEW FINISHES, TYP.
3. REMOVE ALL PLUMBING FIXTURES AND ALL SUPPLY AND WASTE PIPING BACK TO MAINS- SEE MECHANICAL
4. REMOVE MECHANICAL HEATING UNIT- SEE MECHANICAL
5. REMOVE ALL TOILET PARTITIONS, MIRRORS, DISPENSERS, AND MOUNTING BRACKETS ETC.
6. REMOVE WALL PARTITION IN ITS ENTIRETY FROM FLOOR TO CEILING TO THE EXTENT SHOWN (STRUCTURAL STEEL TO REMAIN)
7. REMOVE DOOR & FRAME
8. REMOVE OPERABLE WINDOW SECTION ONLY FROM WINDOW SYSTEM. PROTECT & SALVAGE ADJACENT INTERIOR & EXTERIOR FINISH SURFACES, AND CLEAN & PREPARE FRAMES FOR REPLACEMENT INSULATING GLASS UNITS. REMOVE CAULKING FROM ENTIRE WINDOW PERIMETER. PREP FOR NEW CAULKING
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11. REMOVE RETURN AIR GRILLE & PREPARE OPENING FOR INFILL CONSTRUCTION
12. EXISTING LOUVER TO REMAIN; BLANK OFF THE EXISTING LOUVER; SEE MECHANICAL DRAWINGS.
13. REMOVE WATER FEATURE & REPAIR AND REFINISH FLOORING TO MATCH EXISTING.

14A. REMOVE ALL AREAS OF SUSPENDED LAY-IN ACOUSTICAL PANEL CEILING SYSTEM IN ITS ENTIRETY. (BY OTHERS)

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14C. REMOVE ALL AREAS OF SUSPENDED LAY-IN ACOUSTICAL PANEL CEILING SYSTEM AND ALL AREAS OF THE ABOVE PLASTER CEILING SYSTEM IN THEIR ENTIRETY. (BY OTHERS)

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29. REMOVE METAL WALL PANELING AND ALL FRAMING ASSOCIATED WITH WALL PANEL IN ITS ENTIRETY. REPAIR ANY HOLES OR DAMAGED WALLS ADJACENT TO DEMOLITION OF WALL PANELS.
30. REMOVE FIXED WINDOW SECTION ONLY FROM WINDOW SYSTEM. PROTECT & SALVAGE ADJACENT INTERIOR & EXTERIOR FINISH SURFACES, AND CLEAN & PREPARE FRAMES FOR REPLACEMENT INSULATING GLASS UNITS. REMOVE CAULKING FROM ENTIRE WINDOW PERIMETER. PREP FOR NEW CAULKING
31. REMOVE RETURN AIR GRILLE & FINISH EXISTING OPENING TO MATCH ADJACENT FINISH.
32. REMOVE STOREFRONT WINDOW SYSTEM IN IT'S ENTIRETY
33. REMOVE CABINET TYPE DOORS AND ALL ASSOCIATED HARDWARE AND SALVAGE FOR REINSTALLMENT.

GENERAL DEMOLITION NOTE ITEMS

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS SHOWN ON THE PLANS PRIOR TO DEMOLITION. ANY DEVIATIONS IN THE EXISTING CONDITIONS OR DIMENSIONS INDICATED SHALL BE COORDINATED WITH THE ARCHITECT/ENGINEER AND OWNER IN ORDER TO MODIFY THE PLANS ACCORDINGLY.
2. THE CONTRACTOR IS RESPONSIBLE FOR PRODUCING WEATHER TIGHT CONSTRUCTION;THE EXISTING BUILDING SHALL BE PROTECTED FROM WEATHER AT ALL TIMES. OPENINGS AND PENETRATIONS SHALL BE PROTECTED WITH DURABLE, INSULATED TEMPORARY CONSTRUCTION. COORDINATE SECURITY REQUIREMENTS WITH THE OWNER.
3. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING ITEMS NOT BEING REMOVED FROM PROJECT AREA. ANY DAMAGE THAT MAY OCCUR FROM WORK UNDER THIS CONTRACT SHALL BE RESTORED TO ITS ORIGINAL CONDITION OR REPLACED.
4. THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER IF DEMOLITION WORK APPEARS TO AFFECT THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING BEFORE PROCEEDING.
5. THE GENERAL CONTRACTOR TO COORDINATE ALL DEMOLITION WORK BETWEEN ALL TRADES. AREAS OF WORK SHALL BE KEPT CLEAN AND SAFE. DISPOSE OF DEBRIS DAILY AND CLEAN AREAS OR WORK UPON COMPLETION.
6. ALL WORK TO BE COORDINATED WITH THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATION OF ALL WORK WITH THE OWNER.
7. OWNER HAS RIGHT TO CLAIM ANY MATERIALS AND/OR EQUIPMENT THAT IS SCHEDULED TO BE DEMOLISHED OR REMOVED FROM THE SITE.
8. EXISTING STRUCTURE (INCLUDING KICKERS AND CROSS BRACING) SHALL NOT BE REMOVED OR MODIFIED, UNLESS SPECIFICALLY NOTED.
9. SEE INTERIOR SPACE PLANNING SHEETS FOR DEMOLITION OF INTERIOR PARTITIONS/ CEILINGS NOT INDICATED ON THIS PLAN.
10. DEMOLITION SHALL BE PERFORMED WHERE REQUIRED TO FACILITATE NEW WORK, WHETHER SPECIFICALLY INDICATED IN DEMOLITION PLAN/ NOTES OR NOT.
11. DEMOLITION OF HAZARDOUS MATERIAL (ACM) BY OWNER UNDER SEPARATE CONTRACT. COORDINATE WITH OWNER.
12. SEE MECHANICAL DEMOLITION PLANS FOR FURTHER INFORMATION PERTAINING TO DEMOLITION OF MECHANICAL ITEMS.

GENERAL CONSTRUCTION PREPARATION NOTES

1. WHERE NEW WALLS ARE TO ALIGN WITH EXISTING WALLS PREPARE WALL FOR NEW FINISHES. GLAZE ENTIRE SURFACE WITH DRY WALL COMPOUND AS REQUIRED TO ACHIEVE A CONSISTENT SMOOTH FINISH.
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95% Design Review Submittal

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1526 Building Remodel

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Lincoln, NE

TCEP No.: 155-056-10

March 12, 2012

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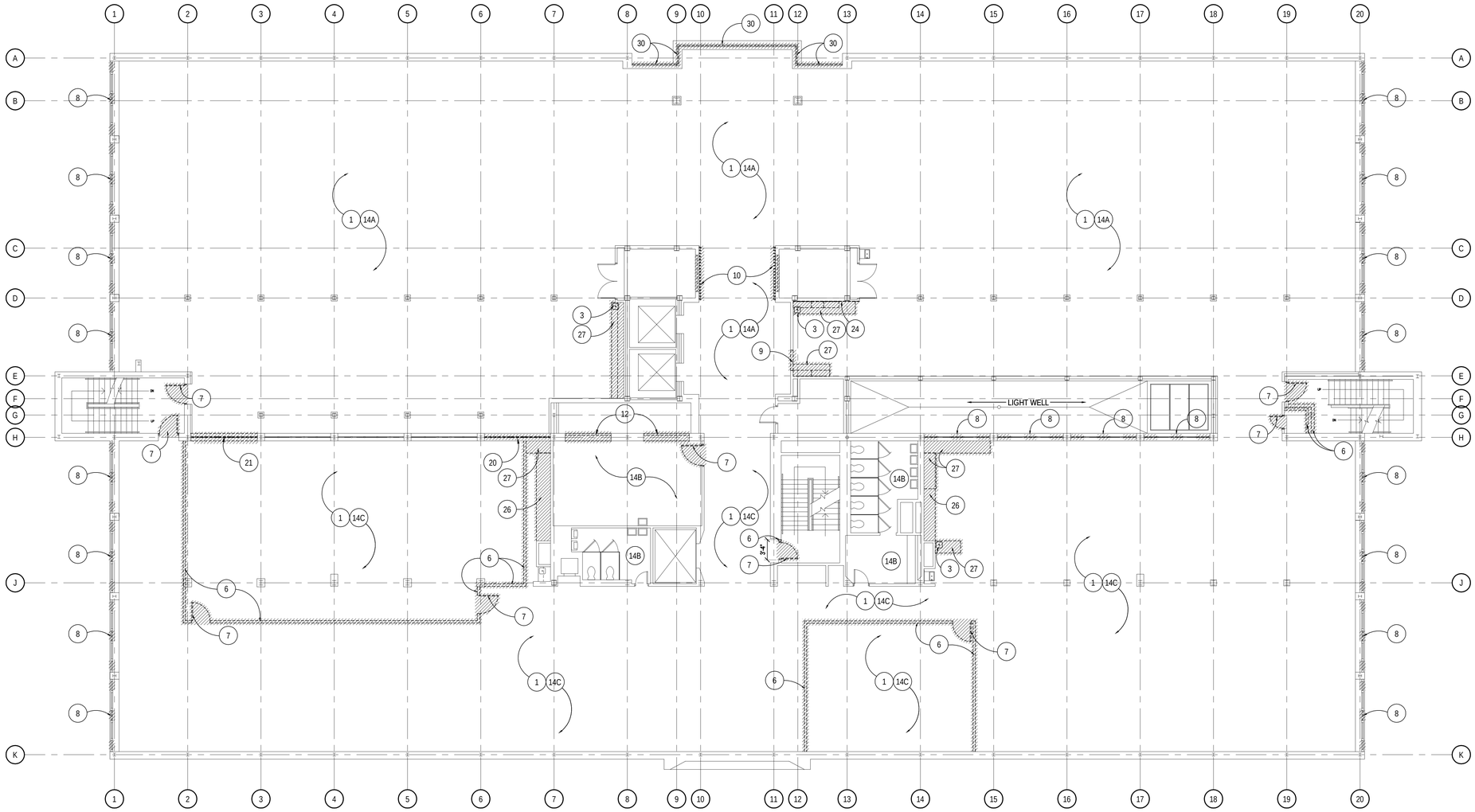
Second Floor
Demolition Plan

A0.2

Plot Time Stamp: 2 / 21 / 2012 11:00:08 AM
File Location/Name: I:\155-056-10 DAS - Former Assurity Building Remodel\3) Active Work\3) Auto\CAD\155056-A02.dwg



THIRD FLOOR DEMOLITION PLAN

SCALE: 1/8"=1'-0"

DEMOLITION KEYNOTES

(DENOTED ON PLANS AS ⓓ)

1. REMOVE EXISTING FLOOR FINISH TO SLAB IN ENTIRE ROOM (BY OTHERS)
2. REMOVE ALL WALL FINISH/ TILING AND MASTIC/GROUT FROM SUBSTRATE @ ALL WALLS IN ROOM- PREPARE SURFACES FOR NEW FINISHES, TYP.
3. REMOVE ALL PLUMBING FIXTURES AND ALL SUPPLY AND WASTE PIPING BACK TO MAINS- SEE MECHANICAL
4. REMOVE MECHANICAL HEATING UNIT- SEE MECHANICAL
5. REMOVE ALL TOILET PARTITIONS, MIRRORS, DISPENSERS, AND MOUNTING BRACKETS ETC.
6. REMOVE WALL PARTITION IN ITS ENTIRETY FROM FLOOR TO CEILING TO THE EXTENT SHOWN (STRUCTURAL STEEL TO REMAIN)
7. REMOVE DOOR & FRAME
8. REMOVE OPERABLE WINDOW SECTION ONLY FROM WINDOW SYSTEM. PROTECT & SALVAGE ADJACENT INTERIOR & EXTERIOR FINISH SURFACES, AND CLEAN & PREPARE FRAMES FOR REPLACEMENT INSULATING GLASS UNITS. REMOVE CAULKING FROM ENTIRE WINDOW PERIMETER. PREP FOR NEW CAULKING
9. CREATE OPENING IN PARTITION FOR DOOR & FRAME
10. REMOVE WOOD BATTENS (SALVAGE FOR REUSE) & PLYWOOD VENEER (SALVAGE FOR REUSE) (WOOD TRIMMED CORNERS TO REMAIN @ CHASE SIDES), METAL LOUVERS, & HOLLOW METAL FRAME @ CHASE OPENING
11. REMOVE RETURN AIR GRILLE & PREPARE OPENING FOR INFILL CONSTRUCTION
12. EXISTING LOUVER TO REMAIN; BLANK OFF THE EXISTING LOUVER; SEE MECHANICAL DRAWINGS.
13. REMOVE WATER FEATURE & REPAIR AND REFINISH FLOORING TO MATCH EXISTING.

14A. REMOVE ALL AREAS OF SUSPENDED LAY-IN ACOUSTICAL PANEL CEILING SYSTEM IN ITS ENTIRETY. (BY OTHERS)

14B. REMOVE ALL AREAS OF PLASTER CEILING SYSTEM IN ITS ENTIRETY. (BY OTHERS)

14C. REMOVE ALL AREAS OF SUSPENDED LAY-IN ACOUSTICAL PANEL CEILING SYSTEM AND ALL AREAS OF THE ABOVE PLASTER CEILING SYSTEM IN THEIR ENTIRETY. (BY OTHERS)

15. REMOVE MECHANICAL VENTILATOR/ DUCTWORK/ CONDENSER DOWN TO CURBING. PREPARE CURB FOR INSTALLATION OF SHEET METAL CAP.
16. REMOVE FLUE DOWN TO CURBING. PREPARE CURB FOR INSTALLATION OF SHEET METAL CAP.
17. REMOVE WOOD FRAME PLATFORM CONSTRUCTION- ADJACENT STEEL STAIR SYSTEM TO REMAIN
18. CREATE OPENING IN STRUCTURAL FLOOR SYSTEM TO EXTENT SHOWN
19. CREATE 2-COURSE HIGH OPENING IN CMU WALL ABOVE CEILING
20. REMOVE WINDOW FRAME SYSTEM & SILL IN ITS ENTIRETY- PREPARE OPENING FOR INFILL FRAMING/ FINISH.
21. REMOVE WINDOW FRAME SYSTEM, SILL, AND WALL CONSTRUCTION BELOW TO EXTENT SHOWN
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23. REMOVE EXISTING COLUMN COVER IN ITS ENTIRETY FROM FLOOR TO CEILING TO THE EXTENT SHOWN (STRUCTURAL STEEL TO REMAIN)
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March 12, 2012

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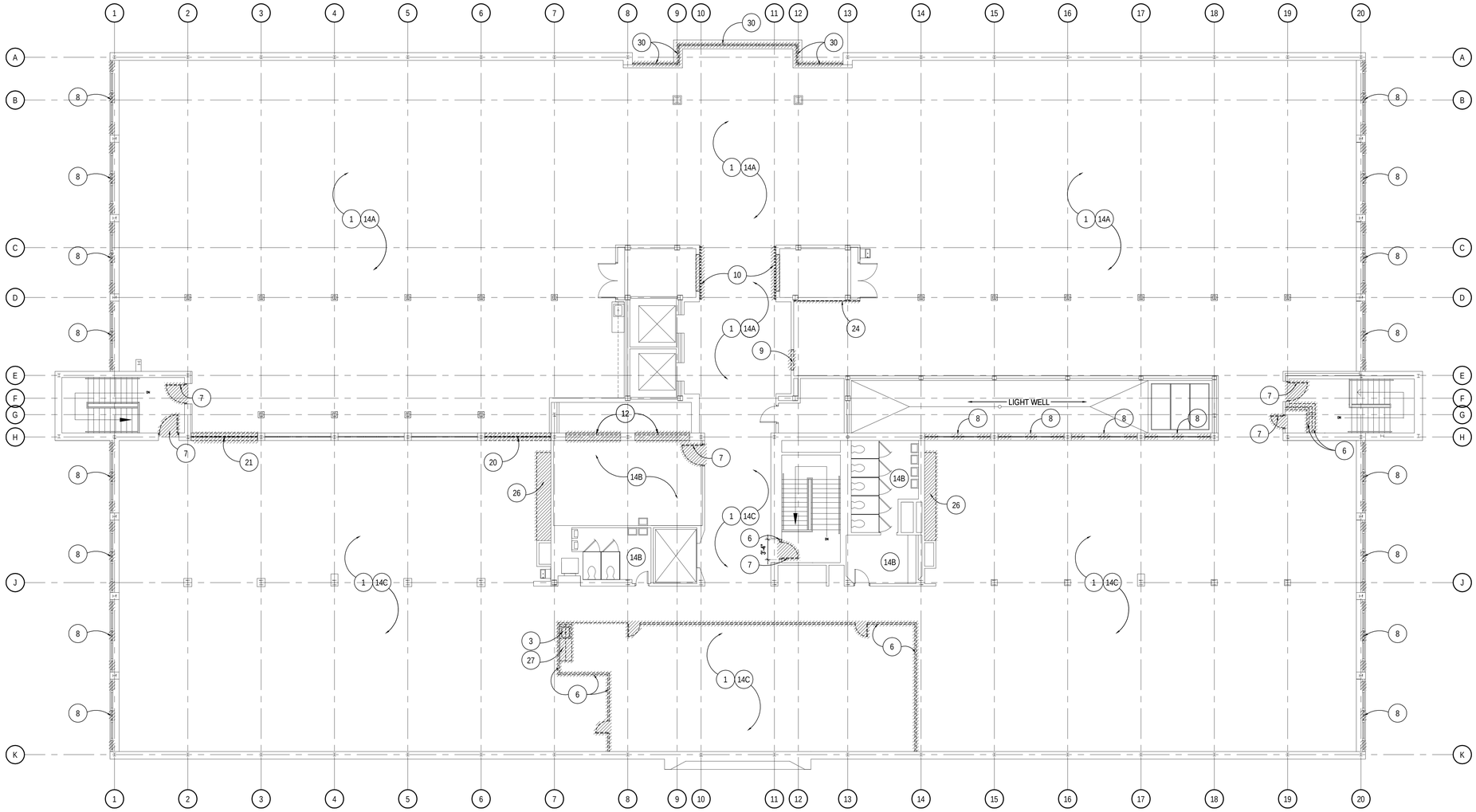
Third Floor
Demolition Plan

A0.3



FOURTH FLOOR DEMOLITION PLAN

SCALE: 1/8"=1'-0"

DEMOLITION KEYNOTES

(DENOTED ON PLANS AS ⟨X⟩)

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March 12, 2012

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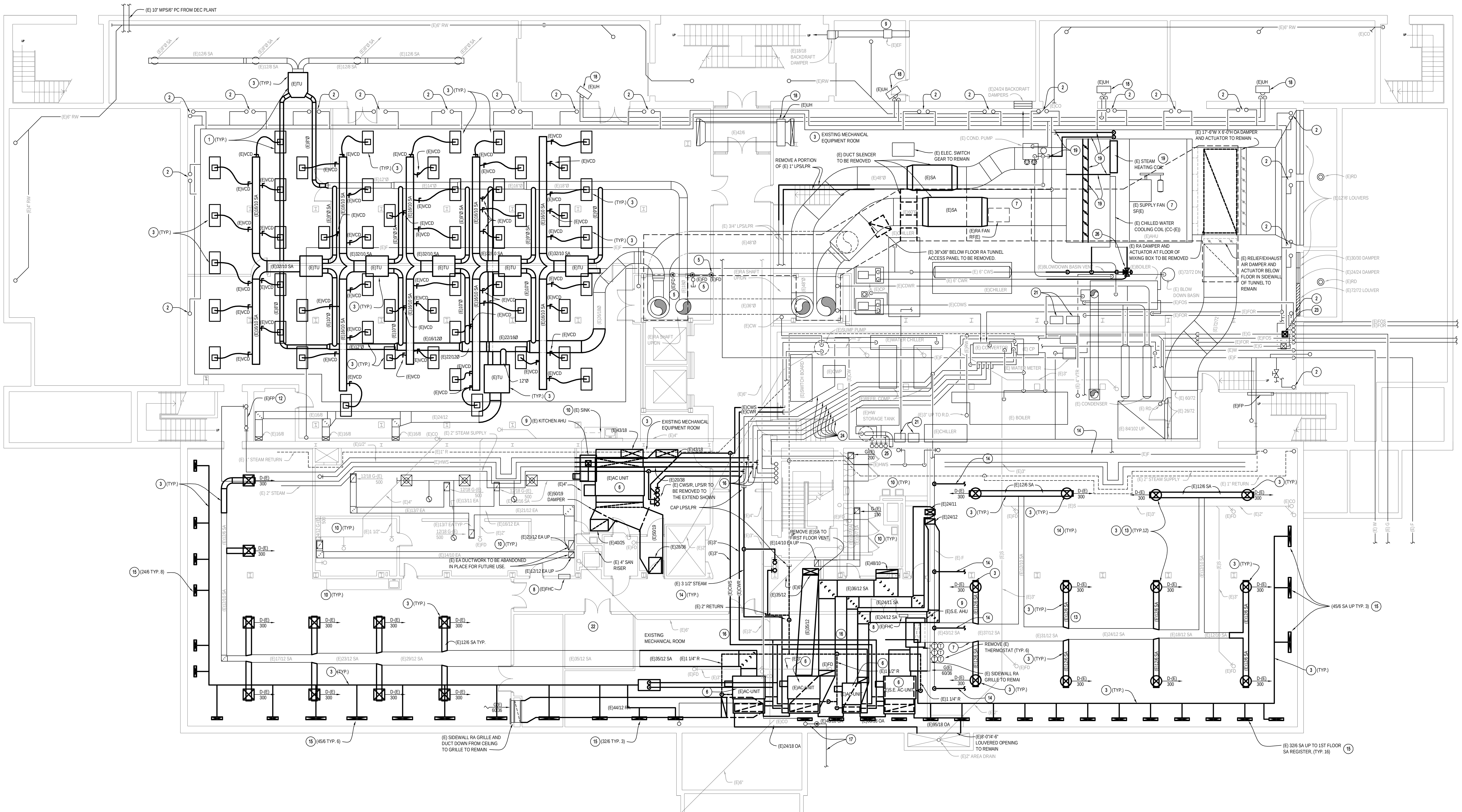
Fourth Floor
Demolition Plan

A0.4

Plot Time Stamp: 2 / 21 / 2012 11:01:03 AM
File Location/Name: I:\155-056-10 DAS - Former Assurity Building Remodel\3) Active Work\3) AutoCAD\155056-A04.dwg



BASEMENT MECHANICAL DEMOLITION PLAN

SCALE: 1/8"=1'-0"

PLAN NOTES:

1. EXISTING MECHANICAL EQUIPMENT SHOWN WITH DARK/BOLD LINES AND TEXT TO BE REMOVED. EXISTING MECHANICAL EQUIPMENT SHOWN WITH LIGHT LINES AND TEXT TO REMAIN.
2. EXISTING FINTUBE PIPING UP TO EXISTING HEATER AND CABINET TO REMAIN.
3. ALL EXISTING DUAL DUCT BOXES, ASSOCIATED LIGHT TROFFER DIFFUSERS, AND ALL DUCTWORK, DIFFUSERS, AND DUCT INSULATION SHOWN TO BE REMOVED OUTSIDE OF CHASES AND MECHANICAL EQUIPMENT ROOMS TO BE REMOVED BY THE ASBESTOS ABATEMENT CONTRACT. ALL MECHANICAL EQUIPMENT SHOWN TO BE REMOVED IN THE EXISTING MECHANICAL EQUIPMENT ROOMS. ALL PIPING SHOWN TO BE REMOVED AND EXISTING UNUSED ACCESSIBLE PNEUMATIC TUBING THROUGHOUT THE ENTIRE BUILDING TO BE REMOVED UNDER THIS CONTRACT.
4. EXISTING ELECTRICAL ROOM EXHAUST FAN AND ASSOCIATED DUCTWORK AND ELECTRICAL TO REMAIN.
5. EXISTING FIRE DAMPER TO REMAIN. REMOVE PORTION OF BOTTOM OF DUCT TO INSTALL FIRE DAMPER ACCESS DOOR DOWNSTREAM OF FIRE DAMPER IN ALL SA DUCTWORK LEAVING CHASE.
6. EXISTING AHU AND ALL ASSOCIATED DUCTWORK, GRILLES, DIFFUSERS, ELECTRICAL, PIPING, CONTROLS, AND DAMPERS TO BE REMOVED TO THE EXTENT SHOWN. REMOVE (E) PIPING BACK TO RISER/MAINS AND PNEUMATIC TUBING AND CAP AT MAINS.
7. EXISTING RA AND SA FAN AND ALL ASSOCIATED DUCTWORK, AND ELECTRICAL TO REMAIN. EXISTING FAN MOTORS TO REMAIN AND HAVE VFD'S ADDED BY FMS CONTRACTOR.
8. EXISTING FIRE HOSE CABINET, HOSE VALVE, AND PIPING TO BE CAPPED AND REMOVED.
9. EXISTING AHU BLOWER COIL AND ALL ASSOCIATED PIPING AND ELECTRICAL TO BE REMOVED. EXISTING DUCTWORK TO REMAIN FOR REUSE TO THE EXTENT SHOWN.
10. EXISTING WATER CLOSETS, LAVATORY, FLOOR DRAIN, ROOF DRAIN, SINK, AND/OR DRINKING FOUNTAIN, AND ALL ASSOCIATED PIPING TO REMAIN.
11. EXISTING PLUMBING FIXTURE TO BE REMOVED. REMOVE ALL ASSOCIATED PIPING BACK TO NEAREST MAIN AND CAP.
12. EXISTING HEATING HOT WATER FINNED TUBE HEATER AND PORTION OF (E) PIPING TO REMAIN. PIPING TO BE REMOVED TO NEW HEATING HOT WATER SYSTEM ABOVE SOUTH CEILING AND MADE READY FOR RECONNECTION TO NEW HEATING HOT WATER PIPING TO BE INSTALLED IN CEILING PLENUM BELOW.
13. EXISTING SA DIFFUSER AND SA DUCTWORK BRANCH TAKE-OFF TO BE CAPPED AND REMOVED TO THE EXTENT SHOWN. PORTION OF EXISTING SA DUCTWORK TO REMAIN FOR REUSE WITH NEW CEILING DIFFUSER TO BE INSTALLED IN NEW LAY-IN TILE CEILING.
14. EXISTING FIRE SPRINKLER PIPING MAINS TO REMAIN WITH NEW FIRE SPRINKLER PIPING INSTALLED ABOVE NEW LAYIN CEILING IN THIS AREA.
15. EXISTING SA UP TO 1ST FLOOR SA REGISTER AND ALL ASSOCIATED DUCTWORK, COOLING COIL, PIPING, AND BASEMENT FCU TO BE REMOVED. FIELD VERIFY EXISTING DUCT SIZES AND ROUTING. GENERAL CONTRACTOR TO INFILL EXISTING FLOOR OPENINGS IN PREPARATION FOR NEW 1ST FLOOR FLOORING AS DETAILED ON ARCHITECTURAL PLAN.
16. CAP AND REMOVE ALL EXISTING ABANDONED CWS/CWR, HWS/HWR, AND LPS/LPR PIPING TO SOUTH AHU'S AND PIPING IN EXISTING SOUTH MERS.
17. EXISTING LAWN SPRINKLER SYSTEM BFP PUMP, METER, CONTROLS, AND PIPING TO REMAIN.
18. EXISTING STEAM UNIT HEATER AND ALL ASSOCIATED PIPING AND PNEUMATIC CONTROLS TO REMAIN.
19. EXISTING AHU STEAM HEATING COIL AND ALL ASSOCIATED BRANCH PIPING AND PIPING ACCESSORIES TO COIL TO BE CAPPED AND REMOVED. REMOVE (E) HEATING AND COOLING COIL DISCHARGE DAMPERS AND DIVIDER PANEL BETWEEN HOT DECK AND COLD DECK DOWNSTREAM OF COILS.
20. REROUTE PORTION OF EXISTING STEAM HEATING PIPING NEAR CEILING AS NECESSARY FOR INSTALLATION OF NEW RA DUCTWORK AND PIPING TO BE INSTALLED IN THIS AREA.
21. EXISTING PNEUMATIC CONTROL AIR COMPRESSOR AND DRYER TO REMAIN FOR REUSE.
22. EXISTING ELEVATOR EQUIPMENT ROOM MECHANICAL SYSTEMS TO REMAIN.
23. EXISTING GAS METER SERVING HEATER TO REMAIN. CAP AND REMOVE EXISTING GAS METER SERVING BOILER, COORDINATE WITH GAS COMPANY.
24. EXISTING CWS/CWR, LPS/LPR, AND HWS/HWR IN MER TO REMAIN.
25. EXISTING 3" CW, 1 1/2" HW, AND 1" HWR TO SOUTH PORTION OF BUILDING TO REMAIN.
26. EXISTING 3-WAY PNEUMATIC CONTROL VALVE SERVING EXISTING CHILLED WATER COIL AND PORTION OF EXISTING 6" CWS/CWR PIPING TO BE REMOVED AS NECESSARY FOR NEW CONSTRUCTION AND REPLACED WITH NEW 3-WAY DDC ELECTRONIC CHILLED WATER CONTROL VALVE AND PIPING AS SHOWN ON SHEET M3.1.

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Basement Mechanical
Demolition Plan

M0.1

Plot Time Stamp: 2 / 16 / 2012 10:56:35 AM
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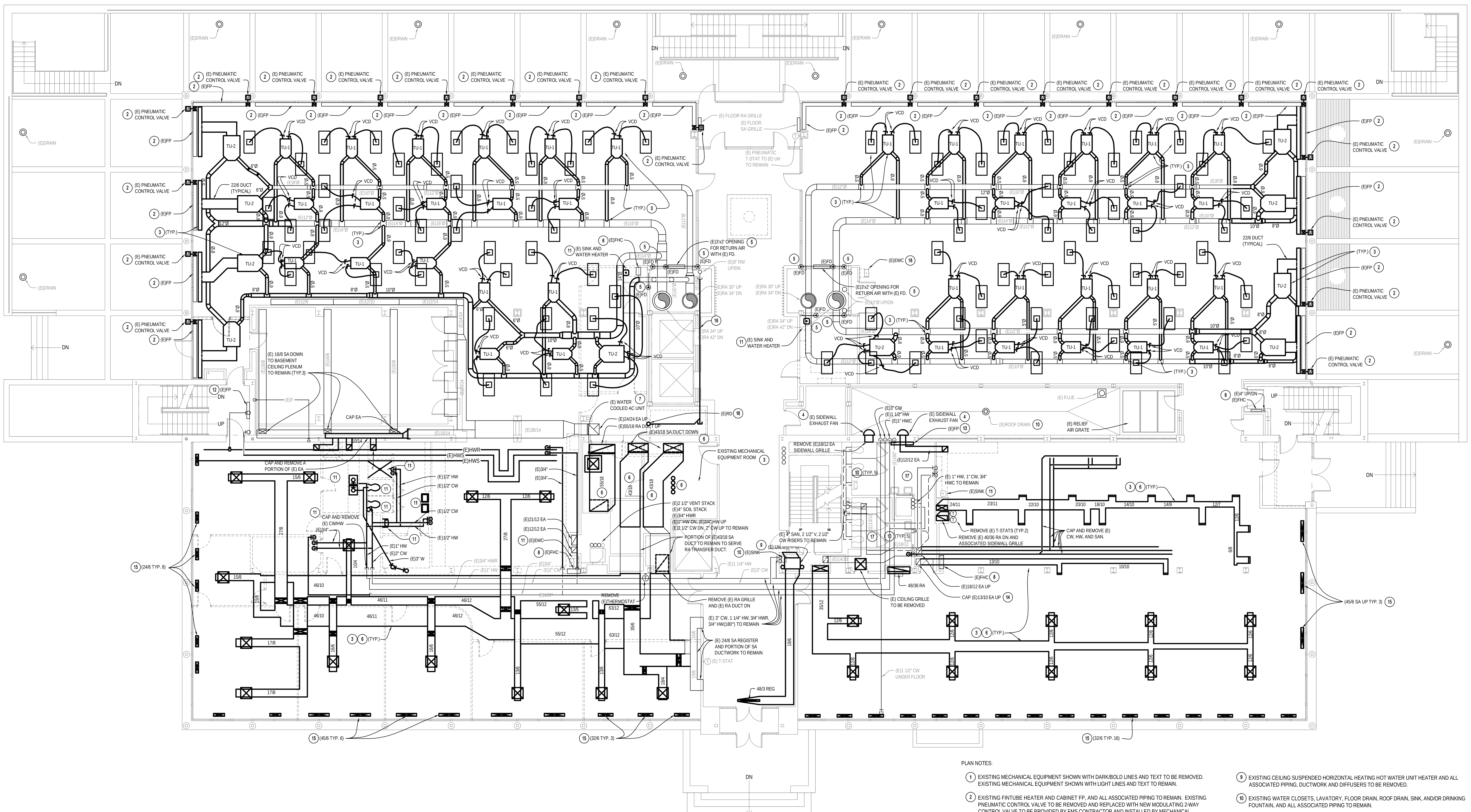

FIRST FLOOR MECHANICAL DEMOLITION PLAN

SCALE: 1/8"=1'-0"

PLAN NOTES:

1. EXISTING MECHANICAL EQUIPMENT SHOWN WITH DARK/BOLD LINES AND TEXT TO BE REMOVED. EXISTING MECHANICAL EQUIPMENT SHOWN WITH LIGHT LINES AND TEXT TO REMAIN.
2. EXISTING FINTUBE HEATER AND CABINET FP, AND ALL ASSOCIATED PIPING TO REMAIN. EXISTING PNEUMATIC CONTROL VALVE TO BE REMOVED AND REPLACED WITH NEW MODULATING 2-WAY CONTROL VALVE TO BE PROVIDED BY FMS CONTRACTOR AND INSTALLED BY MECHANICAL CONTRACTOR.
3. ALL EXISTING DUAL DUCT BOXES, ASSOCIATED LIGHT TROFFER DIFFUSERS, AND ALL DUCTWORK, DIFFUSERS, AND DUCT INSULATION SHOWN TO BE REMOVED OUTSIDE OF CHASES AND MECHANICAL EQUIPMENT ROOMS TO BE REMOVED BY THE ASBESTOS ABATEMENT CONTRACT. ALL MECHANICAL EQUIPMENT SHOWN TO BE REMOVED IN THE EXISTING MECHANICAL EQUIPMENT ROOMS. ALL PIPING SHOWN TO BE REMOVED AND EXISTING UNUSED ACCESSIBLE PNEUMATIC TUBING THROUGHOUT THE ENTIRE BUILDING TO BE REMOVED UNDER THIS CONTRACT.
4. EXISTING SIDEWALL EXHAUST FAN AND ASSOCIATED DUCTWORK AND ELECTRICAL TO BE REMOVED. INFILL WALL OPENING WITH INSULATION AND PROVIDE SEALED ALUMINUM SHEETMETAL. CAP ON EXTERIOR SURFACE OF WALL.
5. EXISTING FIRE DAMPER TO REMAIN. REMOVE PORTION OF BOTTOM OF DUCT TO INSTALL FIRE DAMPER ACCESS DOOR DOWNSTREAM OF FIRE DAMPER IN ALL SA DUCTWORK LEAVING CHASE.
6. EXISTING DUCTWORK, GRILLES, DIFFUSERS, ELECTRICAL, PIPING, CONTROLS, AND DAMPERS TO BE REMOVED UNLESS OTHERWISE NOTED. REMOVE (E) PNEUMATIC TUBING AND CAP AT MAINS.
7. EXISTING WATER COOLED FCU AND ALL ASSOCIATED DUCTWORK, PIPING, AND ELECTRICAL TO BE REMOVED.
8. EXISTING FIRE HOSE CABINET, HOSE VALVE, AND PIPING TO BE CAPPED AND REMOVED.
9. EXISTING CEILING SUSPENDED HORIZONTAL HEATING HOT WATER UNIT HEATER AND ALL ASSOCIATED PIPING, DUCTWORK AND DIFFUSERS TO BE REMOVED.
10. EXISTING WATER CLOSETS, LAVATORY, FLOOR DRAIN, ROOF DRAIN, SINK, AND/OR DRINKING FOUNTAIN, AND ALL ASSOCIATED PIPING TO REMAIN.
11. EXISTING PLUMBING FIXTURE TO BE REMOVED. REMOVE ALL ASSOCIATED WATER, WASTE, AND VENT PIPING BACK TO NEAREST MAIN AND CAP.
12. EXISTING HEATING HOT WATER FINNED TUBE HEATER AND PORTION OF (E) PIPING TO REMAIN. PIPING TO BE REMOVED TO NEW HEATING HOT WATER SYSTEM ABOVE SOUTH CEILING AND MADE READY FOR RECONNECTION TO NEW HEATING HOT WATER PIPING TO BE INSTALLED IN CEILING PLENUM BELOW.
13. EXISTING FINTUBE HEATER AND CABINET AND ALL ASSOCIATED PIPING TO BE REMOVED. CAP EXISTING PNEUMATIC TUBING AND PIPING BACK AT NEAREST MAIN.
14. EXISTING 13/10 EA UP. CAP AT CEILING FOR FUTURE USE.
15. EXISTING FLOOR SA REGISTER AND ALL ASSOCIATED DUCTWORK, COOLING COIL, PIPING, AND BASEMENT FCU TO BE REMOVED. FIELD VERIFY EXISTING DUCT SIZES AND ROUTING. GENERAL CONTRACTOR TO INFILL EXISTING FLOOR OPENINGS IN PREPARATION FOR NEW 1ST FLOOR FLOORING AS DETAILED ON ARCHITECTURAL PLAN.
16. REMOVE EXISTING BOTTOM OF AIR SHAFT ROOF DRAIN AND ASSOCIATED PIPING BACK TO RISER/MAIN AND CAP.
17. REMOVE ALL SAN PIPING ABOVE CEILING SERVING DEMOLISHED SECOND FLOOR RESTROOMS ABOVE, BACK TO RISERS AND MAKE READY FOR REUSE TO SERVE NEW 2ND FLOOR RESTROOMS.
18. RELOCATE EXISTING EWC TO NEW LOCATION SHOWN ON SHEET M2.2.

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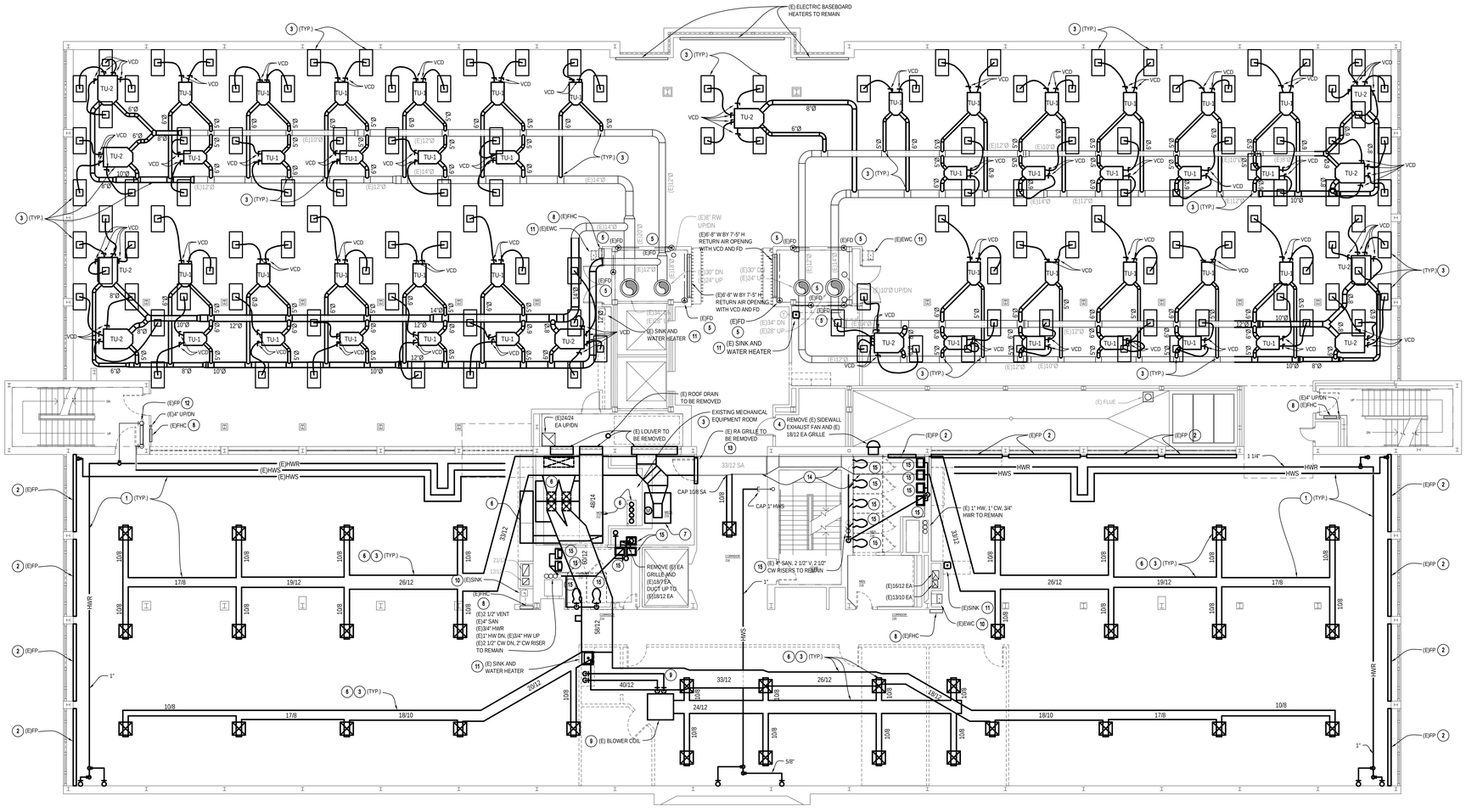
First Floor Mechanical
Demolition Plan

M0.2



SECOND FLOOR MECHANICAL DEMOLITION PLAN

SCALE: 1/8"=1'-0"

PLAN NOTES:

1. EXISTING MECHANICAL EQUIPMENT SHOWN WITH DARK/BOLD LINES AND TEXT TO BE REMOVED. EXISTING MECHANICAL EQUIPMENT SHOWN WITH LIGHT LINES AND TEXT TO REMAIN.
2. EXISTING FINTUBE HEATER AND CABINET FP, AND ALL ASSOCIATED PIPING TO BE REMOVED. CAP EXISTING PNEUMATIC TUBING AND PIPING BACK AT NEAREST MAINS.
3. ALL EXISTING DUAL DUCT BOXES, ASSOCIATED LIGHT TROFFER DIFFUSERS, AND ALL DUCTWORK, DIFFUSERS, AND DUCT INSULATION SHOWN TO BE REMOVED OUTSIDE OF CHASES AND MECHANICAL EQUIPMENT ROOMS TO BE REMOVED BY THE ASBESTOS ABATEMENT CONTRACT. ALL MECHANICAL EQUIPMENT SHOWN TO BE REMOVED IN THE EXISTING MECHANICAL EQUIPMENT ROOMS. ALL PIPING SHOWN TO BE REMOVED AND EXISTING UNUSED ACCESSIBLE PNEUMATIC TUBING THROUGHOUT THE ENTIRE BUILDING TO BE REMOVED UNDER THIS CONTRACT.
4. EXISTING SIDEWALL EXHAUST FAN AND ASSOCIATED DUCTWORK AND ELECTRICAL TO BE REMOVED. INFILL WALL OPENING WITH INSULATION AND PROVIDE SEALED ALUMINUM SHEETMETAL CAP ON EXTERIOR SURFACE OF WALL.
5. EXISTING FIRE DAMPER TO REMAIN. REMOVE PORTION OF BOTTOM OF SA DUCT TO INSTALL FIRE DAMPER ACCESS DOOR DOWNSTREAM OF FIRE DAMPER IN ALL SA DUCTWORK LEAVING CHASE.
6. EXISTING AHU AND ALL ASSOCIATED DUCTWORK, GRILLES, DIFFUSERS, ELECTRICAL, PIPING, CONTROLS, AND DAMPERS TO BE REMOVED. REMOVE (E) PNEUMATIC TUBING AND CAP AT MAINS.
7. EXISTING RA FAN AND ALL ASSOCIATED DUCTWORK, DAMPERS, AND ELECTRICAL TO BE REMOVED.
8. EXISTING FIRE HOSE CABINET, HOSE VALVE, AND PIPING TO BE CAPPED AND REMOVED.
9. EXISTING CEILING SUSPENDED HORIZONTAL AHU BLOWER COIL AND ALL ASSOCIATED DUCTWORK, DIFFUSERS, AND ASSOCIATED PIPING AND ELECTRICAL TO BE REMOVED.
10. EXISTING WATER CLOSETS, LAVATORY, FLOOR DRAIN, ROOF DRAIN, SINK, AND/OR DRINKING FOUNTAIN, AND ALL ASSOCIATED PIPING TO REMAIN.
11. EXISTING PLUMBING FIXTURE TO BE REMOVED. REMOVE ALL ASSOCIATED PIPING BACK TO NEAREST MAIN AND CAP.
12. EXISTING HEATING HOT WATER FINNED TUBE HEATER AND PORTION OF (E) PIPING TO REMAIN, PIPING TO BE REMOVED TO NEW HEATING HOT WATER SYSTEM ABOVE SOUTH CEILING AND MADE READY FOR RECONNECTION TO NEW HEATING HOT WATER PIPING TO BE INSTALLED IN CEILING PLENUM BELOW.
13. EXISTING RA GRILLE ABOVE DOOR TO BE REMOVED.
14. EXISTING 33/12 SA ACROSS RESTROOM, CORRIDOR, AND STAIRS TO REMAIN TO SERVE AS RA TRANSFER DUCT FROM SOUTHEAST PORTION OF BUILDING CEILING PLENUM.
15. REMOVE EXISTING PLUMBING FIXTURES AND ALL ASSOCIATED PIPING AS NECESSARY FOR REROUTING TO NEW 2ND FLOOR RESTROOMS. EXISTING PIPING TO REMAIN TO SERVE ALL OTHER PLUMBING FIXTURES ON ALL OTHER LEVELS.

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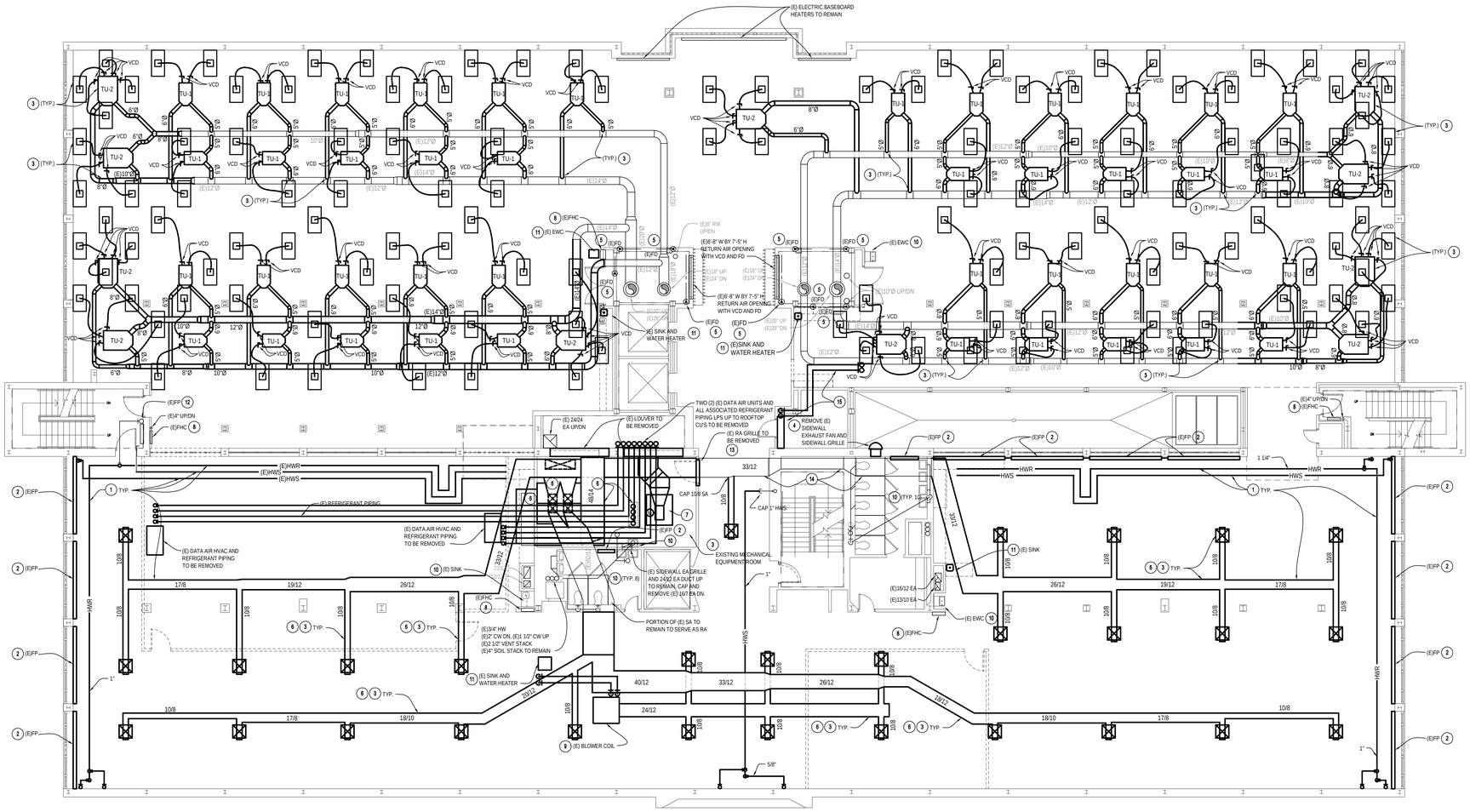
Second Floor
Mechanical Demolition
Plan

M0.3

Plot Time Stamp: 2 / 16 / 2012 10:54:58 AM
File Location/Name: I:\155-056-10 DAS - Former Assurity Building Remodel\13) Active Work\3) AutoCAD\Asbestos Abatement Contract DWGs\155056-M03.dwg



THIRD FLOOR MECHANICAL DEMOLITION PLAN

SCALE: 1/8"=1'-0"

PLAN NOTES:

1. EXISTING MECHANICAL EQUIPMENT SHOWN WITH DARK/BOLD LINES AND TEXT TO BE REMOVED. EXISTING MECHANICAL EQUIPMENT SHOWN WITH LIGHT LINES AND TEXT TO REMAIN.
2. EXISTING FINTUBE HEATER AND CABINET FP, AND ALL ASSOCIATED PIPING TO BE REMOVED. CAP EXISTING PNEUMATIC TUBING AND PIPING BACK AT NEAREST MAINS.
3. ALL EXISTING DUAL DUCT BOXES, ASSOCIATED LIGHT TROFFER DIFFUSERS, AND ALL DUCTWORK, DIFFUSERS, AND DUCT INSULATION SHOWN TO BE REMOVED OUTSIDE OF CHASES AND MECHANICAL EQUIPMENT ROOMS TO BE REMOVED BY THE ASBESTOS ABATEMENT CONTRACT. ALL MECHANICAL EQUIPMENT SHOWN TO BE REMOVED IN THE EXISTING MECHANICAL EQUIPMENT ROOMS. ALL PIPING SHOWN TO BE REMOVED AND EXISTING UNUSED ACCESSIBLE PNEUMATIC TUBING THROUGHOUT THE ENTIRE BUILDING TO BE REMOVED UNDER THIS CONTRACT.
4. EXISTING SIDEWALL EXHAUST FAN AND ASSOCIATED DUCTWORK AND ELECTRICAL TO BE REMOVED. INFILL WALL OPENING WITH INSULATION AND PROVIDE SEALED ALUMINUM SHEETMETAL. CAP ON EXTERIOR SURFACE OF WALL.
5. EXISTING FIRE DAMPER TO REMAIN. REMOVE PORTION OF BOTTOM OF SA DUCT TO INSTALL FIRE DAMPER ACCESS DOOR DOWNSTREAM OF FIRE DAMPER IN ALL SA DUCTWORK LEAVING CHASE.
6. EXISTING AHU AND ALL ASSOCIATED DUCTWORK, GRILLES, DIFFUSERS, ELECTRICAL, EXPANSION TANK, PIPING, CONTROLS, AND DAMPERS TO BE REMOVED. REMOVE (E) PNEUMATIC TUBING AND CAP AT MAINS.
7. EXISTING RA FAN AND ALL ASSOCIATED DUCTWORK, DAMPERS, AND ELECTRICAL TO BE REMOVED.
8. EXISTING FIRE HOSE CABINET, HOSE VALVE, AND PIPING TO BE CAPPED AND REMOVED.
9. EXISTING CEILING SUSPENDED HORIZONTAL AHU BLOWER COIL AND ALL ASSOCIATED DUCTWORK, DIFFUSERS, AND ASSOCIATED PIPING AND ELECTRICAL TO BE REMOVED.
10. EXISTING WATER CLOSETS, LAVATORY, FLOOR DRAIN, ROOF DRAIN, SINK, AND/OR DRINKING FOUNTAIN, AND ALL ASSOCIATED PIPING TO REMAIN.
11. EXISTING PLUMBING FIXTURE TO BE REMOVED. REMOVE ALL ASSOCIATED PIPING BACK TO NEAREST MAIN AND CAP.
12. EXISTING HEATING HOT WATER FINNED TUBE HEATER AND PORTION OF (E) PIPING TO REMAIN. PIPING TO BE REMOVED TO NEW HEATING HOT WATER SYSTEM ABOVE SOUTH CEILING AND MADE READY FOR RECONNECTION TO NEW HEATING HOT WATER PIPING TO BE INSTALLED IN CEILING PLENUM BELOW.
13. EXISTING RA GRILLE ABOVE DOOR TO BE REMOVED.
14. EXISTING 33/12 SA ACROSS RESTROOM, CORRIDOR, AND STAIRS TO REMAIN TO SERVE AS RA TRANSFER DUCT FROM SOUTHEAST PORTION OF BUILDING CEILING PLENUM.
15. EXISTING DX BLOWER COIL AND ALL ASSOCIATED REFRIGERANT, CONDENSATE DRAIN PIPING AND ELECTRICAL TO BE REMOVED.

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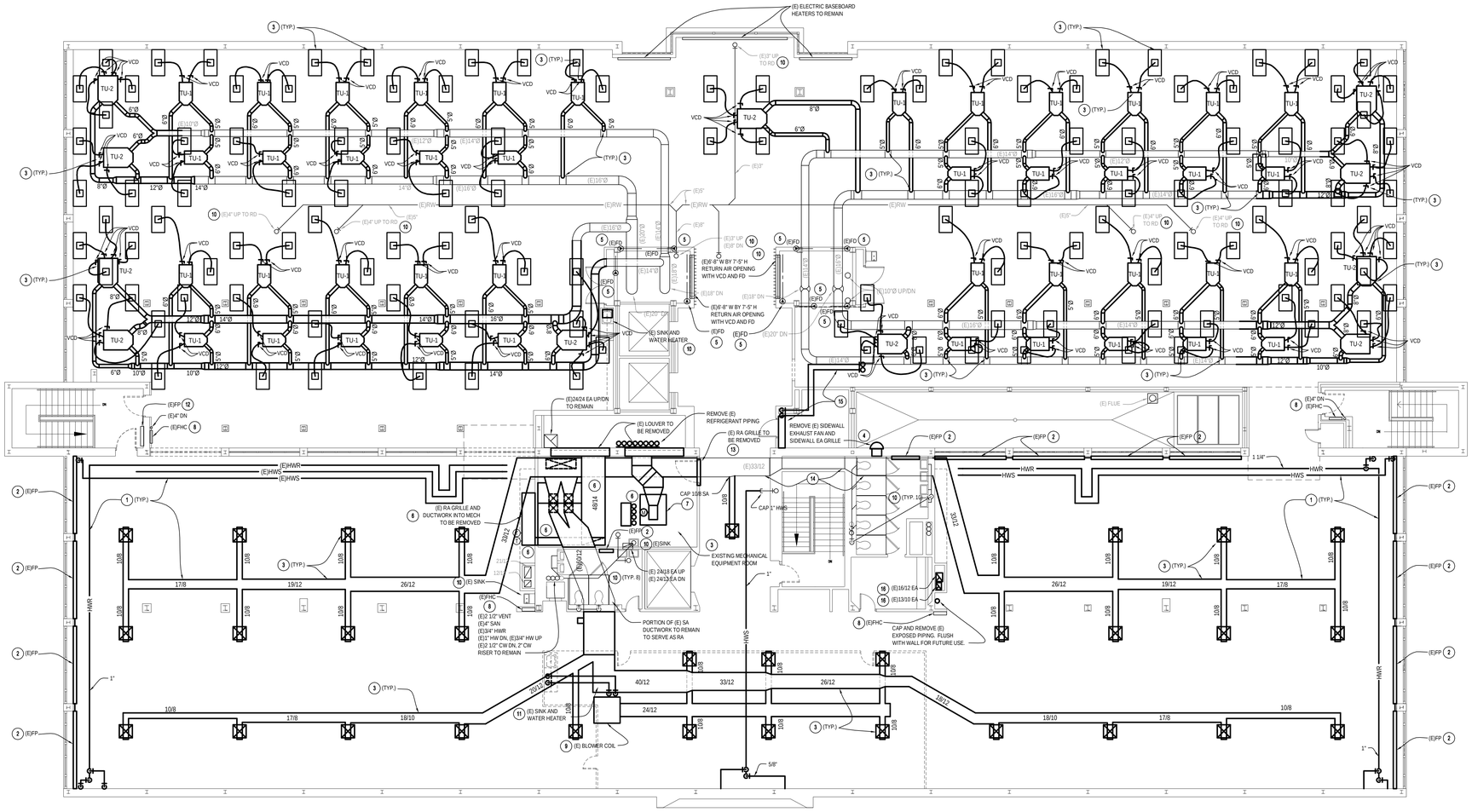
Third Floor Mechanical Demolition Plan

M0.4

Plot Time Stamp: 2 / 16 / 2012 10:54:23 AM
File Location/Name: I:\155-056-10 DAS - Former Assurity Building Remodel\3) Active Work\3) AutoCAD\Asbestos Abatement Contract DWGs\155056-M04.dwg



FOURTH FLOOR MECHANICAL DEMOLITION PLAN

SCALE: 1/8"=1'-0"

PLAN NOTES:

1. EXISTING MECHANICAL EQUIPMENT SHOWN WITH DARK/BOLD LINES AND TEXT TO BE REMOVED. EXISTING MECHANICAL EQUIPMENT SHOWN WITH LIGHT LINES AND TEXT TO REMAIN.
2. EXISTING FINTUBE HEATER AND CABINET FP, AND ALL ASSOCIATED PIPING TO BE REMOVED. CAP EXISTING PNEUMATIC TUBING AND PIPING BACK AT NEAREST MAINS.
3. ALL EXISTING DUAL DUCT BOXES, ASSOCIATED LIGHT TROFFER DIFFUSERS, AND ALL DUCTWORK, DIFFUSERS, AND DUCT INSULATION SHOWN TO BE REMOVED OUTSIDE OF CHASES AND MECHANICAL EQUIPMENT ROOMS TO BE REMOVED BY THE ASBESTOS ABATEMENT CONTRACT. ALL MECHANICAL EQUIPMENT SHOWN TO BE REMOVED IN THE EXISTING MECHANICAL EQUIPMENT ROOMS. ALL PIPING SHOWN TO BE REMOVED AND EXISTING UNUSED ACCESSIBLE PNEUMATIC TUBING THROUGHOUT THE ENTIRE BUILDING TO BE REMOVED UNDER THIS CONTRACT.
4. EXISTING SIDEWALL EXHAUST FAN AND ASSOCIATED DUCTWORK AND ELECTRICAL TO BE REMOVED. INFILL WALL OPENING WITH INSULATION AND PROVIDE SEALED ALUMINUM SHEETMETAL. CAP ON EXTERIOR SURFACE OF WALL.
5. EXISTING FIRE DAMPER TO REMAIN. REMOVE PORTION OF BOTTOM OF SA DUCT TO INSTALL FIRE DAMPER ACCESS DOOR DOWNSTREAM OF FIRE DAMPER IN ALL SA DUCTWORK LEAVING CHASE.
6. EXISTING AHU AND ALL ASSOCIATED DUCTWORK, GRILLES, DIFFUSERS, ELECTRICAL, EXPANSION TANK, PIPING, CONTROLS, AND DAMPERS TO BE REMOVED. REMOVE (E) PNEUMATIC TUBING AND CAP AT MAINS.
7. EXISTING RA FAN AND ALL ASSOCIATED DUCTWORK, DAMPERS, AND ELECTRICAL TO BE REMOVED.
8. EXISTING FIRE HOSE CABINET, HOSE VALVE, AND PIPING TO BE CAPPED AND REMOVED.
9. EXISTING CEILING SUSPENDED HORIZONTAL AHU BLOWER COIL AND ALL ASSOCIATED DUCTWORK, DIFFUSERS, AND ASSOCIATED PIPING AND ELECTRICAL TO BE REMOVED.
10. EXISTING WATER CLOSETS, LAVATORY, FLOOR DRAIN, ROOF DRAIN, SINK, AND/OR DRINKING FOUNTAIN, AND ALL ASSOCIATED PIPING TO REMAIN.
11. EXISTING PLUMBING FIXTURE TO BE REMOVED. REMOVE ALL ASSOCIATED PIPING BACK TO NEAREST MAIN AND CAP.
12. EXISTING HEATING HOT WATER FINNED TUBE HEATER AND PORTION OF (E) PIPING TO REMAIN. PIPING TO BE REMOVED TO NEW HEATING HOT WATER SYSTEM ABOVE SOUTH CEILING AND MADE READY FOR RECONNECTION TO NEW HEATING HOT WATER PIPING TO BE INSTALLED IN CEILING PLENUM BELOW.
13. EXISTING RA GRILLE ABOVE DOOR TO BE REMOVED.
14. EXISTING 33/12 SA ACROSS RESTROOM, CORRIDOR, AND STAIRS TO REMAIN TO SERVE AS RA TRANSFER DUCT FROM SOUTHEAST PORTION OF BUILDING CEILING PLENUM.
15. EXISTING DX BLOWER COIL AND ALL ASSOCIATED REFRIGERANT, CONDENSATE DRAIN PIPING AND ELECTRICAL TO BE REMOVED.
16. REMOVE PORTION OF 16/12 EA AND 13/10 EA UP THRU ROOF.

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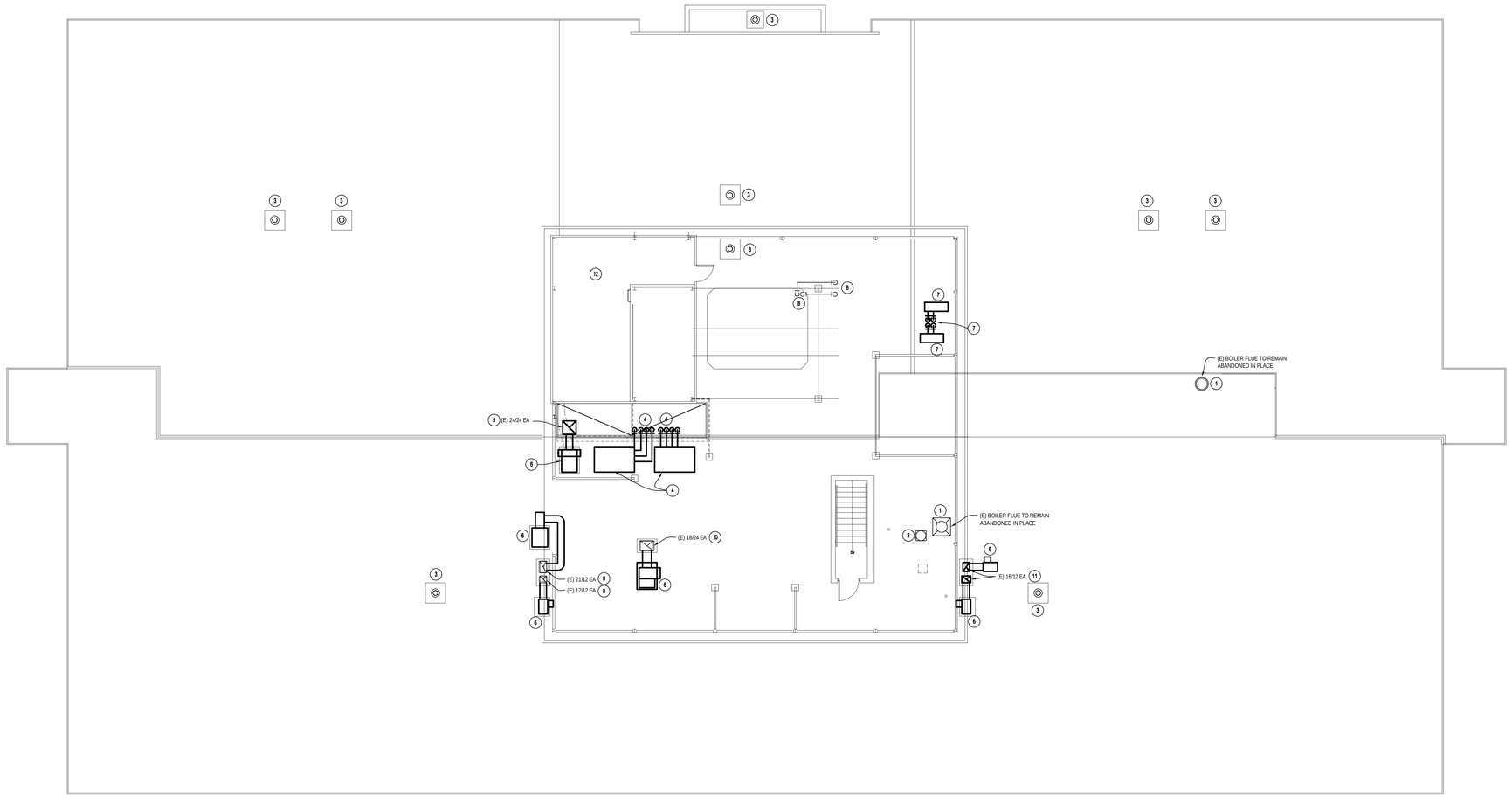
Fourth Floor Mechanical Demolition Plan

M0.5

Plot Time Stamp: 2 / 16 / 2012 10:53:06 AM
File Location/Name: I:\155-056-10 DAS - Former Assurity Building Remodel\3) Active Work\3) AutoCAD\ Asbestos Abatement Contract DWGs\155056-M05.dwg



ROOF MECHANICAL DEMOLITION PLAN

SCALE: 1/8"=1'-0"

PLAN NOTES:

1. EXISTING BOILER FLUES TO REMAIN ABANDONED IN PLACE.
2. EXISTING WATER HEATER FLUE TO REMAIN AS IS.
3. EXISTING ROOF DRAIN AND ALL ASSOCIATED PIPING TO REMAIN AS IS.
4. TWO (2) EXISTING 3RD FLOOR COMPUTER ROOM DATA AIR ROOFTOP CONDENSING UNITS AND ALL ASSOCIATED PIPING AND ELECTRICAL TO BE REMOVED.
5. EXISTING 24/24 EA DOWN IN AIR SHAFT TO REMAIN. TOP OF DUCT TO BE REMOVED AS NECESSARY TO BE EXTENDED UP TO NEW EF-1.
6. EXISTING EXHAUST FAN AND ALL UNUSED DUCTWORK ABOVE ROOF TO BE REMOVED.
7. EXISTING ROOFTOP CONDENSING UNIT AND ALL ASSOCIATED REFRIGERANT PIPING AND ELECTRICAL TO BE REMOVED.
8. EXISTING COOLING TOWER AND ALL ASSOCIATED PIPING TO REMAIN AS IS.
9. EXISTING 12/12 EA AND 21/12 EA FROM BASEMENT OLD KITCHEN AREA TO REMAIN ABANDONED IN PLACE, CAPPED, AND SEALED WEATHER TIGHT FOR FUTURE USE.
10. EXISTING 18/24 EA DOWN TO REMAIN AND BE CONNECTED TO NEW ROOFTOP EF-2.
11. EXISTING 16/12 EA AND 13/10 EA DOWN TO BE REMOVED DOWN TO 4TH FLOOR CEILING. INFILL ROOF OPENING. COORDINATE ROOF REPAIR WITH GENERAL CONTRACTOR.
12. ALL EXISTING EQUIPMENT IN ELEVATOR EQUIPMENT ROOM TO REMAIN AS IS.

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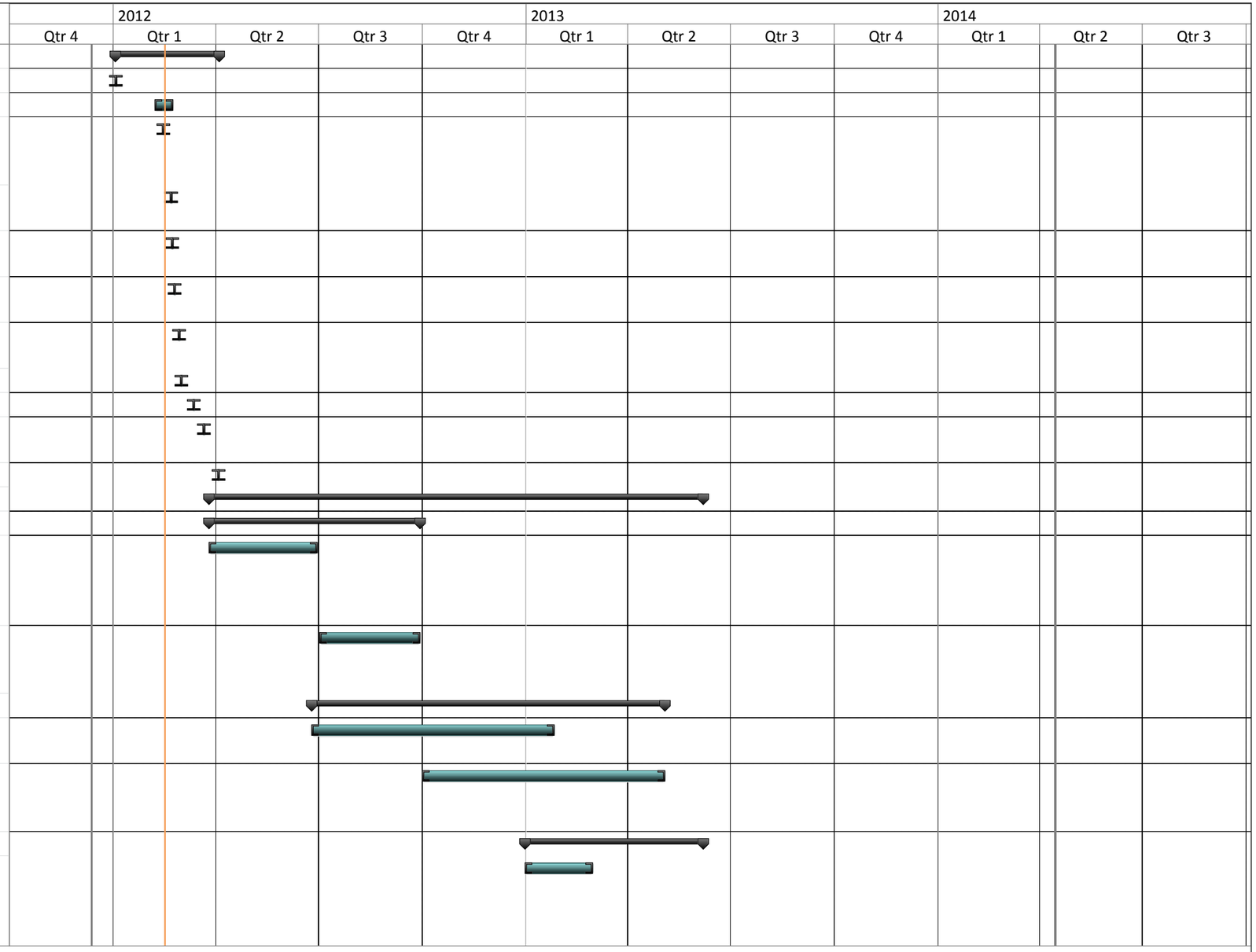
Roof Mechanical Demolition Plan

M0.6

ENCLOSURE C

CONSTRUCTION SCHEDULE

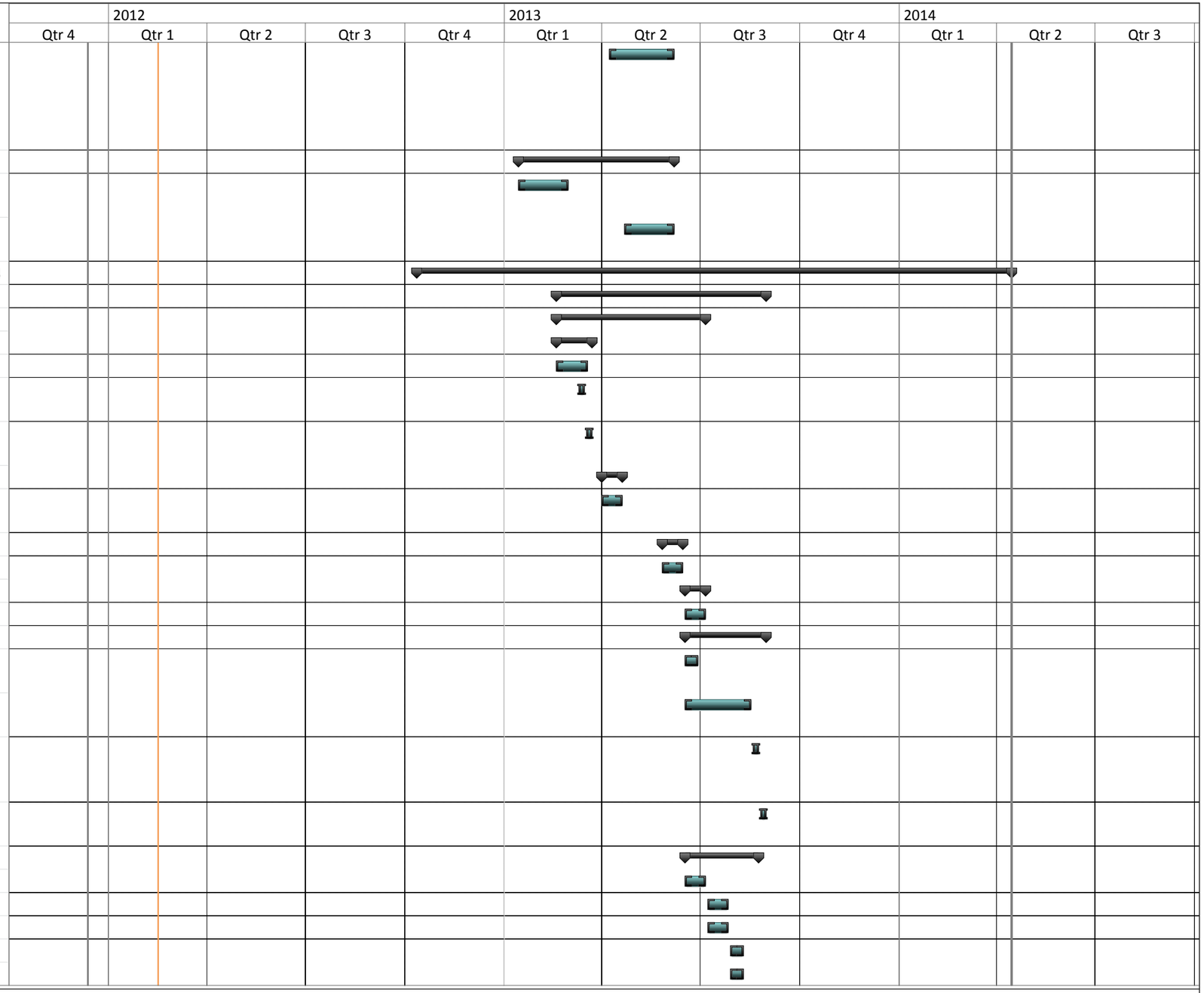
ID	Task Mode	Task Name	Duration	Start	Finish
1		**Design Phase**	**66 days**	**Tue 1/3/12**	**Tue 4/3/12**
2		SBD takes over building	1 day	Tue 1/3/12	Tue 1/3/12
3		95% GC plan review	12 days	Tue 2/7/12	Wed 2/22/12
4		Meeting with Abatement consultant and AE to discuss coordination	1 day	Tue 2/14/12	Tue 2/14/12
5		Abatement scope of work plans are available	1 day	Tue 2/21/12	Tue 2/21/12
6		Pre-bid conference for Abatement	1 day	Wed 2/22/12	Wed 2/22/12
7		95% GC plan review meeting	1 day	Fri 2/24/12	Fri 2/24/12
8		Receive bids for abatement	1 day	Tue 2/28/12	Tue 2/28/12
9		Assurity vacates building	1 day	Thu 3/1/12	Thu 3/1/12
10		100% GC plans available	1 day	Mon 3/12/12	Mon 3/12/12
11		Pre-bid conference for GC work	1 day	Wed 3/21/12	Wed 3/21/12
12		Receive bids for GC work	1 day	Tue 4/3/12	Tue 4/3/12
13		**Construction phase**	**314 days**	**Mon 3/26/12**	**Thu 6/6/13**
14		**ACM Abatement**	**135 days**	**Mon 3/26/12**	**Fri 9/28/12**
15		Abate 3rd and 4th floors and Basement Mech/Boiler/Hall/Air Chases	70 days	Mon 3/26/12	Fri 6/29/12
16		Abate 1st and 2nd Floors and remaining basement areas	65 days	Mon 7/2/12	Fri 9/28/12
17		**General Construction**	**225 days**	**Mon 6/25/12**	**Fri 5/3/13**
18		3rd and 4th floors, Basement Mechanical	155 days	Mon 6/25/12	Fri 1/25/13
19		1st, 2nd floors and Basement finished spaces	155 days	Mon 10/1/12	Fri 5/3/13
20		**SBD related work**	**114 days**	**Mon 12/31/12**	**Thu 6/6/13**
21		Carpet, demountable walls, interior signs, card access, security on 3rd and 4th floors	44 days	Mon 12/31/12	Thu 2/28/13



Project: Assurity schedule_2-16-1
Date: Thu 2/16/12

Task	Project Summary	Inactive Milestone	Manual Summary Rollup	Deadline
Split	External Tasks	Inactive Summary	Manual Summary	Progress
Milestone	External Milestone	Manual Task	Start-only	
Summary	Inactive Task	Duration-only	Finish-only	

ID	Task Mode	Task Name	Duration	Start	Finish
22		Carpet, demountable walls, interior signs, card access, security on 1st, 2nd and basement finished spaces	44 days	Mon 4/8/13	Thu 6/6/13
23		**Telecom related work**	**104 days**	**Mon 1/14/13**	**Thu 6/6/13**
24		Work area outlets 3rd and 4th	34 days	Mon 1/14/13	Thu 2/28/13
25		Work area outlets 1st, 2nd and basement	34 days	Mon 4/22/13	Thu 6/6/13
26		**Postconstruction Phase**	**392 days**	**Fri 10/12/12**	**Mon 4/14/14**
27		**Moving**	**140 days**	**Mon 2/18/13**	**Fri 8/30/13**
28		**1526 Building**	**100 days**	**Mon 2/18/13**	**Fri 7/5/13**
29		**4th floor**	**25 days**	**Mon 2/18/13**	**Fri 3/22/13**
30		Retirement	21 days	Mon 2/18/13	Mon 3/18/13
31		Investment Council	5 days	Mon 3/11/13	Fri 3/15/13
32		Public Accountancy	5 days	Mon 3/18/13	Fri 3/22/13
33		**3rd floor**	**15 days**	**Mon 4/1/13**	**Fri 4/19/13**
34		Banking and Finance	15 days	Mon 4/1/13	Fri 4/19/13
35		**2nd floor**	**15 days**	**Mon 5/27/13**	**Fri 6/14/13**
36		Admin Services	15 days	Mon 5/27/13	Fri 6/14/13
37		**1st floor**	**15 days**	**Mon 6/17/13**	**Fri 7/5/13**
38		Admin Services	15 days	Mon 6/17/13	Fri 7/5/13
39		**Exec Building**	**55 days**	**Mon 6/17/13**	**Fri 8/30/13**
40		Dept of Energy to 3rd floor	10 days	Mon 6/17/13	Fri 6/28/13
41		Remodel 4th and 5th floors	45 days	Mon 6/17/13	Fri 8/16/13
42		Real Estate Commission to 5th floor	5 days	Mon 8/19/13	Fri 8/23/13
43		Foster Care Review Board to 4th floor	5 days	Mon 8/26/13	Fri 8/30/13
44		**NSOB**	**50 days**	**Mon 6/17/13**	**Fri 8/23/13**
45		Remodel SE quad	15 days	Mon 6/17/13	Fri 7/5/13
46		Remodel NE quad	15 days	Mon 7/8/13	Fri 7/26/13
47		DMV to SE quad	15 days	Mon 7/8/13	Fri 7/26/13
48		HHS to NE quad	10 days	Mon 7/29/13	Fri 8/9/13
49		Remodel NW quad	10 days	Mon 7/29/13	Fri 8/9/13



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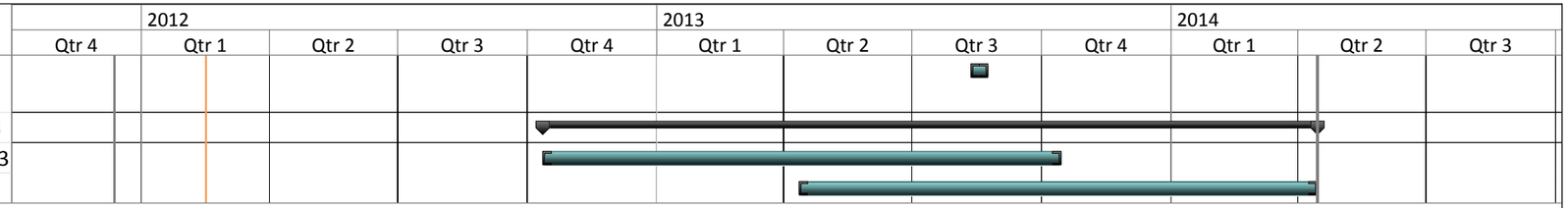
Task	Project Summary	Inactive Milestone	Manual Summary Rollup	Deadline
Split	External Tasks	Inactive Summary	Manual Summary	Progress
Milestone	External Milestone	Manual Task	Start-only	
Summary	Inactive Task	Duration-only	Finish-only	

ID	Task Mode	Task Name	Duration	Start	Finish
50		Treasurer to NW quad	10 days	Mon 8/12/13	Fri 8/23/13
51		**Warranty**	**392 days**	**Fri 10/12/12**	**Mon 4/14/14**
52		3rd and 4th floors	262 days	Fri 10/12/12	Mon 10/14/13
53		1st, 2nd and basement	262 days	Fri 4/12/13	Mon 4/14/14



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Task		Project Summary		Inactive Milestone		Manual Summary Rollup		Deadline	
Split		External Tasks		Inactive Summary		Manual Summary		Progress	
Milestone		External Milestone		Manual Task		Start-only			
Summary		Inactive Task		Duration-only		Finish-only			