



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

April 7, 2016

SUBJECT: FAP Route 10A (IL 111/IL 267)
Project HSR-010A(001)
Section 129-R-2-DM
Jersey County
Contract No. 76J48
Item No. 88, April 22, 2016 Letting
Addendum A

NOTICE TO PROSPECTIVE BIDDERS:

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

1. Replaced the Schedule of Prices
2. Revised the Table of Contents to the Special Provisions
3. Revised pages 1-3, 5-7, 9 and 16 of the Special Provisions
4. Deleted pages 10-15 of the Special Provisions
5. Added pages 48-98 to the Special Provisions
6. Revised sheets 2-12 of the Plans

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bidding proposal.

Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Very truly yours,

Maureen M. Addis, P.E.
Acting Bureau Chief of Design & Environment

A handwritten signature in black ink, appearing to read "Ted B. Walschleger" with a small "P.E." to the right.

By: Ted B. Walschleger, P. E.
Engineer of Project Management

cc: Jeffrey L. Keirn, Region 5, District 8; Tim Kell; Estimates

CWR/kf

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

76J48

State Job # - C-98-022-16

County Name - JERSEY - -

Code - 83 - -

District - 8 - -

Section Number - 129-R-2-DM

Project Number

HSR-010A/001/

*REVISED: APRIL 6, 2016

Route

FAP 10A

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
Z0007601	BLDG REMOV NO 1	L SUM	1.000				
Z0007602	BLDG REMOV NO 2	L SUM	1.000				
Z0007603	BLDG REMOV NO 3	L SUM	1.000				
Z0007604	BLDG REMOV NO 4	L SUM	1.000				
Z0007605	BLDG REMOV NO 5	L SUM	1.000				
Z0007606	BLDG REMOV NO 6	L SUM	1.000				
Z0007607	BLDG REMOV NO 7	L SUM	1.000				
Z0007608	BLDG REMOV NO 8	L SUM	1.000				
Z0007609	BLDG REMOV NO 9	L SUM	1.000				
Z0007610	BLDG REMOV NO 10	L SUM	1.000				
Z0007611	BLDG REMOV NO 11	L SUM	1.000				
Z0007612	BLDG REMOV NO 12	L SUM	1.000				
*ADD Z0007613	BLDG REMOV NO 13	L SUM	1.000				
*ADD Z0007614	BLDG REMOV NO 14	L SUM	1.000				
Z0049801	R&D FRIABL ASB BLD 1	L SUM	1.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
*DEL Z0049802	R&D FRIABL ASB BLD 2	L SUM	1.000				
Z0049803	R&D FRIABL ASB BLD 3	L SUM	1.000				
*DEL Z0049804	R&D FRIABL ASB BLD 4	L SUM	1.000				
*DEL Z0049805	R&D FRIABL ASB BLD 5	L SUM	1.000				
*DEL Z0049806	R&D FRIABL ASB BLD 6	L SUM	1.000				
*DEL Z0049807	R&D FRIABL ASB BLD 7	L SUM	1.000				
Z0049808	R&D FRIABL ASB BLD 8	L SUM	1.000				
*DEL Z0049809	R&D FRIABL ASB BLD 9	L SUM	1.000				
*DEL Z0049810	R&D FRIABL ASB BLD 10	L SUM	1.000				
*DEL Z0049811	R&D FRIABL ASB BLD 11	L SUM	1.000				
*DEL Z0049812	R&D FRIABL ASB BLD 12	L SUM	1.000				
Z0049901	R&D NON-FR ASB BLD 1	L SUM	1.000				
*DEL Z0049902	R&D NON-FR ASB BLD 2	L SUM	1.000				
Z0049903	R&D NON-FR ASB BLD 3	L SUM	1.000				
*DEL Z0049904	R&D NON-FR ASB BLD 4	L SUM	1.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
Z0049905	R&D NON-FR ASB BLD 5	L SUM	1.000				
*DEL Z0049906	R&D NON-FR ASB BLD 6	L SUM	1.000				
*DEL Z0049907	R&D NON-FR ASB BLD 7	L SUM	1.000				
Z0049908	R&D NON-FR ASB BLD 8	L SUM	1.000				
Z0049909	R&D NON-FR ASB BLD 9	L SUM	1.000				
*DEL Z0049910	R&D NON-FR ASB BLD 10	L SUM	1.000				
*DEL Z0049911	R&D NON-FR ASB BLD 11	L SUM	1.000				
Z0049912	R&D NON-FR ASB BLD 12	L SUM	1.000				
*REV 20100110	TREE REMOV 6-15	UNIT	97.000				
*REV 20100210	TREE REMOV OVER 15	UNIT	654.000				
*REV 25000110	SEEDING CL 1A	ACRE	3.000				
*REV 25000400	NITROGEN FERT NUTR	POUND	270.000				
*REV 25000500	PHOSPHORUS FERT NUTR	POUND	270.000				
*REV 25000600	POTASSIUM FERT NUTR	POUND	270.000				
*REV 25100115	MULCH METHOD 2	ACRE	6.000				

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*REVISED: APRIL 6, 2016

Route

FAP 10A

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
*REV 28000250	TEMP EROS CONTR SEED	POUND	300.000				
*REV 28000400	PERIMETER EROS BAR	FOOT	2,577.000				
67100100	MOBILIZATION	L SUM	1.000				

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Revised 4/7/16

STATE OF ILLINOIS

SPECIAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction," adopted April 1, 2016, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways," and the "Manual of Test Procedures for Materials" in effect on the date of invitation for bids, and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included herein which apply to and govern the construction of FAP Route 10A (IL 111/IL 267), Project HSR-010A(001), Section 129-R-2-DM, Jersey County, Contract No. 76J48 and in case of conflict with any part or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

LOCATION OF PROJECT

This project is located on and along IL 111 from south of N. Humbert Road to north of Woodgate Court.

DESCRIPTION OF PROJECT

This project includes the demolition of buildings along IL 111. Items of work include: Building Removal, Friable and Non-Friable Asbestos Removal, Mulching, Seeding and Tree Removal.

Revised 4/7/16

TRAFFIC CONTROL PLAN

Effective: July 12, 1993

Revised: May 12, 1997

Traffic control shall be in accordance with the applicable sections of the "Standard Specifications for Road and Bridge Construction", the applicable guidelines contained in the "National Manual on Uniform Traffic Control Devices for Streets and Highways", Illinois Supplement to the National Manual of Uniform Traffic Control Devices, these Special Provisions, and any special details and Highway Standards contained herein and in the plans.

Special attention is called to Articles 107.09 and 107.14 of the "Standard Specifications for Road and Bridge Construction" and the following Highway Standards relating to traffic control:

701001 701006 701011 701901

In addition, the following Special Provision(s) will also govern traffic control for this project:

Construction and Maintenance Sign Supports
Keeping Roads and Streets Open to Traffic

Revised 4/7/16

CONSTRUCTION AND MAINTENANCE SIGN SUPPORTS

Effective: April 21, 1981

Revised: November 1, 2006

This work shall be done according to Section 1106 of the Standard Specifications and Highway Standard 701901 except as herein modified.

All construction signs mounted on permanent support for use in temporary traffic control having an area of 10 square feet (1 square meter) or more shall be mounted on two 4 in x 4 in (100 mm x 100 mm) or two 4 in x 6 in (100 mm x 150 mm) wood posts.

Type A metal post (two for each sign) conforming to Article 1006.29 of the Standard Specifications may be used in lieu of wood posts. Type A metal posts used for these signs may be unfinished.

This work shall not be paid for separately; but shall be considered included in the cost of the traffic control items in this contract.

STATUS OF UTILITIES

UTILITIES TO BE DISCONNECTED

NAME AND ADDRESS OF UTILITY	TYPE	LOCATION	ESTIMATED DATE DISCONNECT COMPLETED
Village of Brighton 206 S. Main Street P.O. Box 458 Brighton, IL 62012	Water		Give three (3) days notice to disconnect services. Call 618-372-8484
Ameren Illinois 2600 N. Center P. O. Box 378 Maryville, IL 62062-0378	Gas & Electric		Give ten (10) days notice to disconnect services. Call 1-800-755-5000
Charter Communications, Inc. 941 Charter Commons Town & Country, MO 63017	Cable TV		Give five (5) days notice to disconnect services. Call 1-888-438-2427
AT&T Illinois Network Engineering 203 Goethe Street Floor 2 Collinsville, IL 62234	Communications		Call Business Office to place an order of removal 1-800-999-5445.
Piasa Township District P.O. Box 98 Brighton, IL 62012	Sanitary Sanitary Sewer		Give three (3) days notice to disconnect service. Call 618-409-6735.

Revised 4/7/16

REMOVAL OF MISCELLANEOUS ITEMS

The Contractor is advised that it is the intent of this provision that each parcel be cleared within the removal limits of all real property, chattel, debris and rubbish, such that, the property can be site graded, seeded and present a neat and clean appearance upon completion of this project. The Contractor will be required to remove all driveways, patios, sidewalk, miscellaneous sheds, pools, fountains, propane tanks, decks, abandoned cars or trucks, private power poles, signs, sign foundations and other miscellaneous item including debris and rubbish to the satisfaction and approval of the Engineer.

The Contractor is advised to inspect the various parcels involved prior to bidding as no additional compensation will be allowed for these items.

Removal of the items as herein specified and site grading will not be paid for separately, but considered as included in the contract lump sum price bid for BUILDING REMOVAL of the NO. specified for the various properties involved.

AIR CONDITIONERS

According to USEPA regulations of CFC's/Freon that is present in any AC units shall be recycled or reclaimed prior to commencing demolition activities. Upon removal of the Freon, the AC unit may be disposed of in the same manner as all other demolition debris.

The Contractor is advised to inspect the various pins involved prior to bidding as no additional compensation for reclamation of Freon from the AC units will be allowed of these items

Reclamation, removal and disposal of the AC units as herein specified will not be paid for separately, but considered as included in the contract lump sum price bid for BUILDING REMOVAL of the NO. specified from the various properties involved.

Revised 4/7/16

REMOVAL OF MISCELLANEOUS TREES AND SHRUBS

The Contractor is advised that it is the intent of this provision that each parcel within the removal limits be cleared of all trees, shrubbery, and landscaping items such that the property can be site graded, seeded and presented in a neat and clean appearance upon completion of this project. The Contractor is required to remove and dispose of all trees and shrubs.

The Contractor is advised to inspect the various parcels involved prior to bidding, as no additional compensation will be allowed of these items, except for Tree Removal (6 to 15 Unit Diameter) and Tree Removal (Over 15 Unit Diameter). All removal and disposal of trees (less than 6 unit Diameter), shrubbery and landscaping items will not be paid for separately, but considered as included in the contract lump sum price for BUILDING REMOVAL, of the NO. specified from the various properties involved.

Removal and disposal of the items per Tree Removal (6 to 15 Unit Diameter) and Tree Removal (Over 15 Unit Diameter) will be performed in accordance with Section 201 and shall be paid for at the contract unit price per unit for TREE REMOVAL (6 TO 15 UNIT DIAMETER) and TREE REMOVAL (OVER 15 UNIT DIAMETER).

Revised 4/7/16

BUILDING REMOVAL – NO ASBESTOS

General. This work shall consist of the complete removal and disposal of building(s) in its/their entirety, together with all foundations, retaining walls, and piers. This work also includes all incidental and collateral work necessary to complete the removal of the building(s) in a manner approved by the Engineer. Any holes, void resulting from the removal of foundations or basements, shall be filled with a suitable granular material as defined in Standard Specification, Article 1003.04 and 1004.05.

The building(s) are identified as follows:

<u>Bldg. No.</u>	<u>Parcel No.</u>	<u>Location</u>	<u>Description</u>
2	8T1S605	34025 Whispering Oaks Brighton, IL	927 sq ft mobile home
4	8T1S608	15441 State Highway 111 Brighton, IL	930 sq ft storage building on concrete slab
6	8T1S610	15377 State Highway 111 Brighton, IL	649 sq ft garage
7	8T1S613	33940 Albrite Street Brighton, IL	303 sq ft shed
10	8T1S614	33929 Albrite Street Brighton, IL	108 sq ft shed
11	8T1S615	33890 Woodgate Court Brighton, IL	139 sq ft shed
13	8T1S606	15485 State Highway 111 Brighton, IL	193 sq ft shed
14	8T1S606	33890 State Highway 111 Brighton, IL	567 sq ft shed

Revised 4/7/16

Basis of Payment: This work will be paid for at the contract lump sum unit price for BUILDING REMOVAL, numbers as listed above, which price shall be payment in full for complete removal of the buildings and structures and include any necessary backfilling and backfilling material as specified herein. The lump sum unit price(s) for this work shall represent the cost of demolition. Any salvage value shall be reflected in the contract unit price for this item.

Revised 4/7/16

Deleted pages 10-15

COMPLETION DATE (VIA CALENDAR DAYS) (BDE)

Effective: April 1, 2008

The Contractor shall complete all work on or before the completion date of this contract which will be based upon 40 calendar days.

The completion date will be determined by adding the specified number of calendar days to the date the Contractor begins work, or to the date ten days after execution of the contract, whichever is the earlier, unless a delayed start is granted by the Engineer.

Revised 4/7/16

SUBMITTAL OF EEO/LABOR DOCUMENTATION

Effective: April 2016

This work shall be done in accordance with Check Sheets No. 1, 3 and 5 of the IDOT Supplemental Specifications and Recurring Special Provisions and the "Weekly DBE Trucking Reports (BDE)" Special Provision, except as here-in modified.

PAYROLL AND STATEMENT OF COMPLIANCE:

Certified payroll, (FORM SBE 48 OR AN APPROVED FACSIMILE) and the Statement of Compliance, (FORM SBE 348) shall be submitted by two methods:

1. By Mail (United States Postal Service): The ORIGINAL of the certified payroll and the Statement of Compliance for the Prime Contractor and each Subcontractor shall be submitted by mail to the Regional Engineer for District 8.
2. Electronically: Scan both the ORIGINAL of the certified payroll and the Statement of Compliance to the same PDF file and email to the District at the email address designated by the District EEO Officer.

SBE 48 and SBE 348 forms shall be submitted weekly and will be considered late if received after midnight seven (7) business days after the payroll ending date.

WEEKLY DBE TRUCKING REPORT:

The Weekly DBE Trucking Report, (FORM SBE 723) shall be submitted electronically. Scan the form to a PDF file and email to the District at the email address designated by the District EEO Officer.

SBE 723 forms shall be submitted weekly and will be considered late if received after midnight ten (10) business days following the reporting period.

MONTHLY LABOR SUMMARY & MONTHLY CONTRACT ACTIVITY REPORTS:

The Monthly Labor Summary Report (MLSR) shall be submitted by one of two methods:

1. For contractors having IDOT contracts valued in the aggregate at \$250,000 or less, the report may be typed or clearly handwritten using Form D8 PI0148. Submit the ORIGINAL report by mail to the Regional Engineer for District Eight. Contractors also have the option of using the method #2 outlined below.

Added 4/7/16

2. For contractors having IDOT contracts valued in the aggregate at more than \$250,000, the report must be submitted in a specific "Fixed Length Comma Delimited ASCII Text File Format". This file shall be submitted by e-mail using specific file formatting criteria provided by the District EEO Officer. Contractors must submit a sample text file to District 8 for review at least fourteen (14) days prior to the start of construction.

The Monthly Contract Activity Report (MCAR) may be typed or clearly handwritten using Form D8 PI0149.

The Monthly Labor Summary Report and the Monthly Contract Activity Report shall be submitted concurrently. If the method of transmittal is method #1 above then both the MLSR and the MCAR shall be mailed together in the same envelope. If the method of transmittal is method #2 above then the MCAR shall be scanned to a .pdf file and attached to the email containing the MLSR .txt file.

The MLSR and MCAR must be submitted for each consecutive month, for the duration of the project, and will be considered late if received after midnight ten (10) calendar days following the reporting period.

REQUEST FOR APPROVAL OF SUBCONTRACTOR:

The ORIGINAL and one copy of the Request for Approval of Subcontractor (FORM BC 260A) shall be submitted to the District at the IDOT Preconstruction Conference.

SUBSTANCE ABUSE PREVENTION PROGRAM CERTIFICATION:

The ORIGINAL and one copy of the Substance Abuse Prevention Program Certification (FORM BC 261) shall be submitted to the District at the IDOT Preconstruction Conference.

The Contractor is required to follow submittal procedures as provided by the EEO Officer at the preconstruction conference and to follow all revisions to those procedures as issued thereafter.

If a report is rejected, it is the contractor's responsibility to make required adjustments and/or corrections and resubmit the report. Reports not submitted and accepted within the established timeframes will be considered late.

Disclosure of this information is necessary to accomplish the statutory purpose as outlined under 23CFR part 230 and 41CFR part 60.4 and the Illinois Human Rights Act. Disclosure of this information is REQUIRED. **Failure to comply with this special provision may result in the withholding of payments to the contractor, and/or cancellation, termination, or suspension of the contract in whole or part.**

Added 4/7/16

This Special Provision must be included in each subcontract agreement.

ALL HARD COPY FORMS TO BE SUBMITTED TO:

Region 5 Engineer
Illinois Department of Transportation
ATTN: EEO/LABOR OFFICE
1102 Eastport Plaza Drive
Collinsville, IL 62234-6198

Compliance with this Special Provision shall be included in the cost of the contract and no additional compensation will be allowed for any costs incurred.

BUILDING REMOVAL - NON-FRIABLE AND FRIABLE ASBESTOS ABATEMENT

This work shall consist of the complete removal and legal disposal off-site of building(s)/building materials in its/their entirety, together with all foundations, retaining walls, and piers.

This work includes all incidental and collateral work necessary to complete the removal of the building(s) in a manner approved by the Engineer. Any holes or voids resulting from the removal of foundations or basements as determined by the Engineer, shall be filled with a suitable granular material as defined in Standard Specification, Article 1003.04 and 1004.05.

The building(s) are identified as follows:

<u>Bldg. No.</u>	<u>Parcel No.</u>	<u>Location</u>	<u>Description</u>
1	8T1S604	15545 State Highway 111 Brighton, IL	3,247 sq ft house on walk-out basement
3	8T1S606	15485 State Highway Brighton, IL	1,562 sq ft house on walk-out basement
8	8T1S613	33940 Albrite Street Brighton, IL	1,619 sq ft house on crawl space

Discontinuance of Utilities: The Contractor shall arrange for the discontinuance of all utility services and the removal of the metering devices that serve the building(s) according to the respective requirements and regulations of the City, County, or utility companies involved. The Contractor shall disconnect and seal, in an approved manner, all service outlets that serve any building(s) he/she is to remove.

Added 4/7/16

Signs: Immediately upon execution of the contract and prior to the wrecking of any structures, the Contractor shall be required to paint or stencil, in contrasting colors of an oil base paint, on all four sides of each residence and two opposite sides of other structures, the following sign:

PROPERTY ACQUIRED FOR
HIGHWAY CONSTRUCTION
TO BE DEMOLISHED BY THE
IL DEPARTMENT OF TRANSPORTATION

VANDALS WILL BE PROSECUTED

The signs shall be positioned in a prominent location on the structure so that they can be easily seen and read and at a sufficient height to prevent defacing. The Contractor shall not paint signs nor start demolition of any building(s) prior to the time that the State becomes the owner of the respective building(s).

All friable asbestos shall be removed from the building(s) prior to demolition. The Contractor has the option of removing the non-friable asbestos prior to demolition or demolishing the building(s) with the non-friable asbestos in place. Refer to the sections of this Special Provision titled "Asbestos Abatement (General Conditions)", "Removal and Disposal of Friable Asbestos Building No. 1,3,8", and "Removal and Disposal of Non-Friable Asbestos Building No. 1,3,8" contained herein.

Basis of Payment: This work will be paid for at the contract lump sum unit price for BUILDING REMOVAL, numbers as listed above, which price shall be payment in full for complete removal of the buildings and structures, including any necessary backfilling material as specified herein. The lump sum unit price(s) for this work shall represent the cost of demolition and disposal assuming all asbestos, friable and non-friable, is removed prior to demolition. Any salvage value shall be reflected in the contract unit price for this item.

EXPLANATION OF BIDDING TERMS: Three separate contract unit price items have been established for the removal of each building. They are:

BUILDING REMOVAL NO. 1,3,8

REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 1,3,8

REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 1,3,8

The Contractor shall have two options available for the removal and disposal of the non-friable asbestos.

The pay item for removal and disposal of non-friable asbestos will not be deleted regardless of the option chosen by the Contractor.

Added 4/7/16

ASBESTOS ABATEMENT (GENERAL CONDITIONS): This work consists of the removal and disposal of friable and non-friable asbestos from the building(s) to be demolished. All work shall be done according to the requirements of the U.S. Environmental Protection Agency (USEPA), the Illinois Environmental Protection Agency (IEPA), the Occupational Safety and Health Administration (OSHA), the Special Provisions for "Removal and Disposal of Friable Asbestos, Building No. 1,3,8" and "Removal and Disposal of Non-Friable Asbestos, Building No. 1,3,8", and as outlined herein.

Sketches indicating the location of Asbestos Containing Material (ACM) are included in Appendix A, B, and C. The quantities are given only for information and it shall be the Contractor's responsibility to determine the exact quantities prior to submitting his/her bid.

The work involved in the removal and disposal of friable asbestos, and non-friable asbestos if done prior to demolition, shall be performed by a Contractor or Sub-Contractor prequalified with the Illinois Capital Development Board.

The Contractor shall provide a shipping manifest, similar to the one included in Appendix D, to the Engineer for the disposal of all ACM wastes.

Permits: The Contractor shall apply for permit(s) in compliance with applicable regulations of the Illinois Environmental Protection Agency. Any and all other permits required by other federal, state, or local agencies for carrying on the work shall be the responsibility of the Contractor. Copies of these permits shall be sent to the district office and the Engineer.

Notifications: The "Demolition/Renovation Notice" form, which can be obtained from the IEPA office, shall be completed and submitted to the address listed below at least ten days prior to commencement of any asbestos removal or demolition activity. Separate notices shall be sent for the asbestos removal work and the building demolition if they are done as separate operations.

Asbestos Demolition/Renovation Coordinator
Illinois Environmental Protection Agency
Division of Air Pollution Control
P. O. Box 19276
Springfield, Illinois 62794-9276
(217)785-1743

Notices shall be updated if there is a change in the starting date or the amount of asbestos changes by more than 20 percent.

Added 4/7/16

Submittals:

- A. All submittals and notices shall be made to the Engineer, except where otherwise specified herein.
- B. Submittals that shall be made prior to start of work:
 1. Submittals required under Asbestos Abatement Experience.
 2. Submit documentation indicating that all employees have had medical examinations and instruction on the hazards of asbestos exposure, on use and fitting of respirators, on protective dress, on use of showers, on entry and exit from work areas, and on all aspects of work procedures and protective measures as specified in Worker Protection Procedures.
 3. Submit manufacturer's certification stating that vacuums, ventilation equipment, and other equipment required to contain airborne fibers conform to ANSI 29.2.
 4. Submit to the Engineer the brand name, manufacturer, and specification of all sealants or surfactants to be used. Testing under existing conditions will be required at the direction of the Engineer.
 5. Submit proof that all required permits, site locations, and arrangements for transport and disposal of asbestos-containing or asbestos-contaminated materials, supplies, and the like have been obtained (i.e., a letter of authorization to utilize designated landfill).
 6. Submit a list of penalties, including liquidated damages, incurred through non-compliance with asbestos abatement project specifications.
 7. Submit a detailed plan of the procedures proposed for use in complying with the requirements of this specification. Include in the plan the location and layout of decontamination units, the sequencing of work, the respiratory protection plan to be used during this work, a site safety plan, a disposal plan including the location of an approved disposal site, and a detailed description of the methods to be used to control pollution. The plan shall be submitted to the Engineer prior to the start of work.
 8. Submit proof of written notification and compliance with Paragraph "Notifications".

Added 4/7/16

C. Submittals that shall be made upon completion of abatement work:

1. Submit copies of all waste chain-of-custodies, trip tickets, and disposal receipts for all asbestos waste materials removed from the work area;
2. Submit daily copies of work site entry logbooks with information on worker and visitor access;
3. Submit logs documenting filter changes on respirators, HEPA vacuums, negative pressure ventilation units, and other engineering controls; and
4. Submit results of any bulk material analysis and air sampling data collected during the course of the abatement including results of any on-site testing by any federal, state, or local agency.

Certificate of Insurance:

- A. The Contractor shall document general liability insurance for personal injury, occupational disease and sickness or death, and property damage.
- B. The Contractor shall document current Workmen's Compensation Insurance coverage.
- C. The Contractor shall supply insurance certificates as specified by the Department.

Asbestos Abatement Experience:

- A. Company Experience: Prior to starting work, the Contractor shall supply evidence that he/she has been prequalified with the Illinois Capital Development Board and that he/she has been included on the Illinois Department of Public Health's list of approved Contractors.
- B. Personnel Experience:
 1. For Superintendent, the Contractor shall supply:
 - a. Evidence of knowledge of applicable regulations in safety and environmental protection is required as well as training in asbestos abatement as evidenced by the successful completion of a training course in supervision of asbestos abatement as specified in 40 CFR 763, Subpart E, Appendix C, EPA Model Contractor Accreditation Plan. A copy of the certificate of successful completion shall be provided to the Engineer prior to the start of work.
 - b. Documentation of experience with abatement work in a supervisory position as evidenced through supervising at least two asbestos abatement projects; provide names, contact, phone number, and locations of two projects in which the individual(s) has worked in a supervisory capacity.

Added 4/7/16

2. For workers involved in the removal of friable and non-friable asbestos, the Contractor shall provide training as evidenced by the participation and successful completion of an accredited training course for asbestos abatement workers as specified in 40 CFR 763, Subpart E, Appendix C, EPA Model Contractor Accreditation Plan. A copy of the certificate of successful completion shall be provided to all employees who will be working on this project.

ABATEMENT AIR MONITORING: The Contractor shall comply with the following:

- A. Personal Monitoring: All personal monitoring shall be conducted per specifications listed in OSHA regulation, Title 29, Code of Federal Regulation 1926.58. All area sampling shall be conducted according to 40 CFR Part 763.90. All air monitoring equipment shall be calibrated and maintained in proper operating condition. Excursion limits shall be monitored daily. Personal monitoring is the responsibility of the Contractor. Additional personal samples may be required by the Engineer at any time during the project.
- B. Contained Work Areas for Removal of Friable Asbestos: Area samples shall be collected for the department within the work area daily. A minimum of one sample shall be taken outside of the abatement area removal operations. The Engineer will also have the option to require additional personal samples and/or clearance samples during this type of work.
- C. Interior Non-Friable Asbestos-Containing Materials: The Contractor shall perform personal air monitoring during removal of all nonfriable Transite and floor tile removal operations. The Engineer will also have the option to require additional personal samples and/or clearance samples during this type of work.
- D. Exterior Non-Friable Asbestos-Containing Materials: The Contractor shall perform personal air monitoring during removal of all nonfriable cementitious panels, piping, roofing felts, and built up roofing materials that contain asbestos.

The Contractor shall conduct down wind area sampling to monitor airborne fiber levels at a frequency of no less than three per day.

- E. Air Monitoring Professional
 1. All air sampling shall be conducted by a qualified Air Sampling Professional supplied by the Contractor. The Air Sampling Professional shall submit documentation of successful completion of the National Institute for Occupational Safety and Health (NIOSH) course #582 - "Sampling and Evaluating Airborne Asbestos Dust".
 2. Air sampling shall be conducted according to NIOSH Method 7400. The results of these tests shall be provided to the Engineer within 24 hours of the collection of air samples.

REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 1,3,,8: This work consists of the removal and disposal of all friable asbestos from the building(s) prior to demolition. The work shall be done according to the Special Provision titled "Asbestos Abatement (General Conditions)" and as outlined herein.

This work will be paid for at the contract unit price per lump sum for REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 1,3,8, as shown, which price shall include furnishing all labor, materials, equipment and services required to remove and dispose of the friable asbestos.

REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 1,3,8: The Contractor has the option of removing and disposing of the non-friable asbestos prior to demolition of the building(s) or demolishing the building(s) with the non-friable asbestos in place.

Option #1 - If the Contractor chooses to remove all non-friable asbestos prior to demolition, the work shall be done according to the Special Provision titled "Asbestos Abatement (General Conditions)".

Option #2 - If the Contractor chooses to demolish the building(s) with the non-friable asbestos in place, the following provisions shall apply:

1. Continuously wet all non-friable ACM and other building debris with water during demolition.
2. Dispose of all demolition debris as asbestos containing material by placing it in lined, covered transport haulers and placing it in an approved landfill.

This work will be paid for at the contract unit price per lump sum for REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 1,3,8, as shown.

The cost for this work shall be determined as follows:

Option #1 - Actual cost of removal and disposal of non-friable asbestos.

Option #2 - The difference in cost between removing and disposing of the building if all non-friable asbestos is left in place and removing and disposing of the building assuming all non-friable asbestos is removed prior to demolition.

The cost of removing and disposing of the building(s), assuming all asbestos, friable and non-friable is removed first, shall be represented by the pay item "BUILDING REMOVAL NO. 1,3,8"

Regardless of the option chosen by the Contractor, this pay item will not be deleted, nor will the pay item BUILDING REMOVAL NO. 1,3,8 be deleted.

Added 4/7/16

APPENDIX A

BUILDING NO. 1 - NON-FRIABLE AND FRIABLE ASBESTOS ABATEMENT

SITE INFORMATION:

Route:	<u>FAP 10</u>	Address:	<u>15545 State Highway 111</u>
County:	<u>Jersey</u>	Address:	
IDOT Job No:	<u>R-98-002-14</u>	City, State Zip	<u>Brighton, Illinois 62012</u>
Section:	<u>129-R-2-HSR</u>	Property Type:	<u>Commercial Business</u>
Parcel No:	<u>8T1S604</u>	Construction Date:	<u>Circa 1962</u>
IDOT Work Order No:	<u>593</u>	Building Size (sqft):	<u>2,750 SF</u>

Asbestos Containing Materials	
Survey Date	<u>March 11, 2016</u>
By Whom:	<u>PSI, Inc.</u> <u>Tom Novatka</u> <u>100-08002</u>
Firm	
Inspector	
IDPH License No.	
Results	
Number of Material Types Sampled:	<u>14</u>
Number of Samples Collected:	<u>42</u>
Number of Materials Testing Positive:	<u>3</u>
Was Friable ACM Found?	<u>Yes</u>
Were Roofing Materials Sampled?	<u>Yes</u>
Are There Unique State or Local Requirements?	<u>Yes</u>
Laboratory Utilized:	
Name:	<u>STAT Analysis Corporation</u>
Address:	<u>2242 West Harrison Street</u> <u>Chicago, Illinois 60612</u>
Building Access Limitations:	
<u>None</u>	

Added 4/7/16

**ACM SURVEY RESULTS - Parcel No. 8T1S604
 Existing Mohawks Pub
 15545 State Highway 111
 Brighton, Illinois 62012**

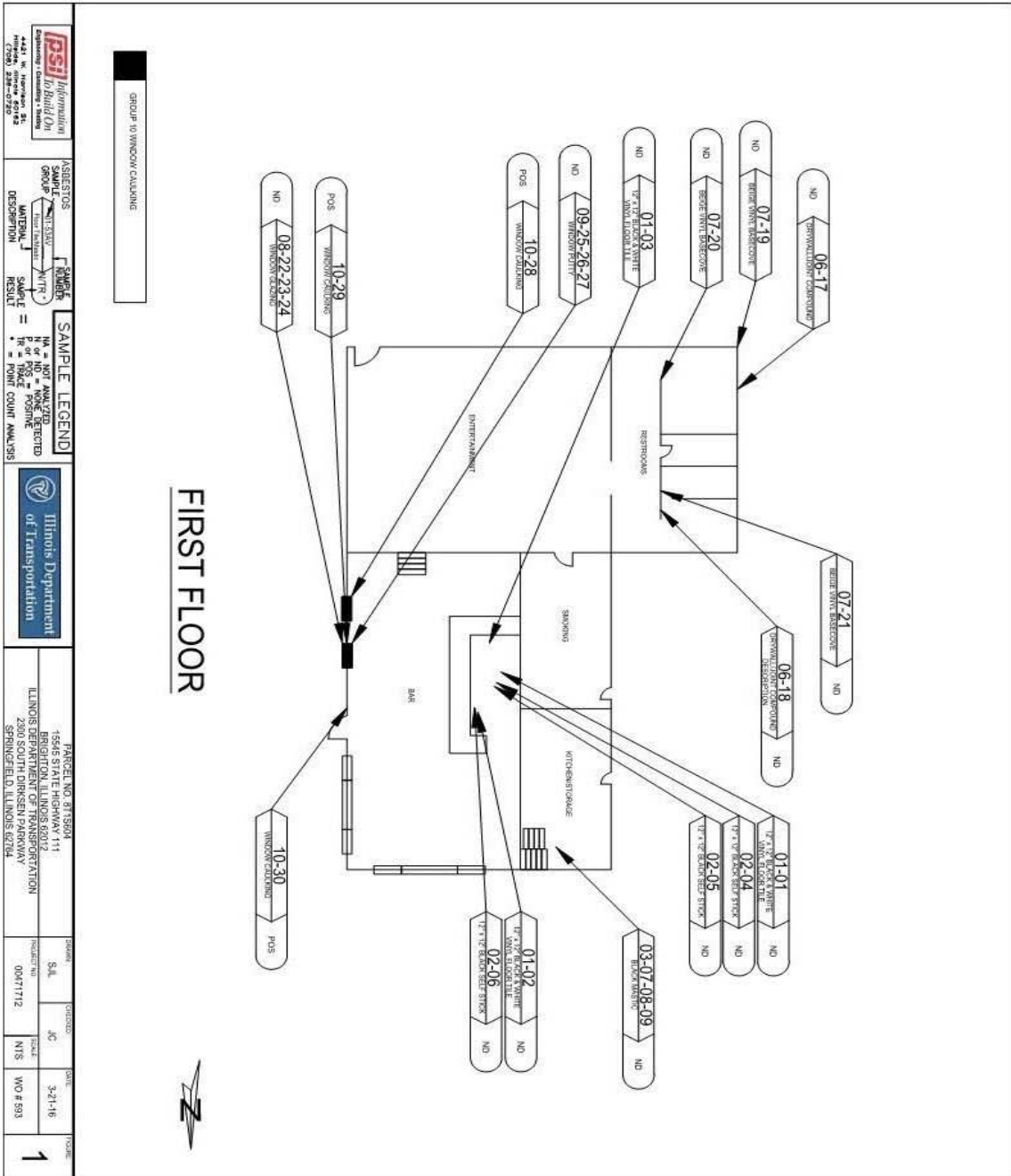
The following homogeneous building material types were sampled as part of this survey and their results are summarized in the table below:

MTL #	MATERIAL DESCRIPTION	LOCATION	F/NF ¹	COND. ²	% ACM ³	# SAMPLES	QUANTITY (ENG/MET)
01	12" x 12" black and white marble pattern vinyl floor tile/mastic	Behind bar	NF	Good	ND/ND	3	180 SF 16.7 SM
02	12" x 12" black self-stick vinyl floor tile	Behind bar	NF	Good	ND	3	22 SF 2.0 SM
03	Black mastic	Kitchen, storage	NF	Good	ND	3	5 SF 0.5 SM
04	Duct seam tape	Basement	F	Good	10-15%	3	8 LF 2.4 LM
05	Stucco Surfacing	Basement, north area	F	Good	ND	3	360 SF 33.4 SM
06	Drywall/joint compound	Throughout	F	Good	ND/ND	3	2,700 SF 250.8 SM
07	4" beige vinyl basecove/mastic	Restroom	NF	Good	ND/ND	3	80 LF 24.4 LM
08	Window glazing	Bar windows	NF	Good	ND	3	240 LF 73.2 LM
09	Window putty	Storm window seal	NF	Good	ND	3	60 LF 18.3 LM
10	Window caulking	Windows set in entrance door	NF	Good	1-5%	3	55 LF 16.8 LM
11	Rolled roof sheeting	South and southwest roofs	NF	Good	ND	3	1,165 SF 108.2 SM
12	Roofing shingles	Roof	NF	Good	ND	3	2,550 SF 223.3 SM
13	Black sealant	Rolled roof vents	NF	Good	ND	3	4 SF 0.4 SM
14	Black sealant	Chimney seals	NF	Good	5-10%	3	35 LF 10.7 LM
TOTAL QUANTITY OF ACM							98 LF
ESTIMATED ABATEMENT COST							\$2,064.00

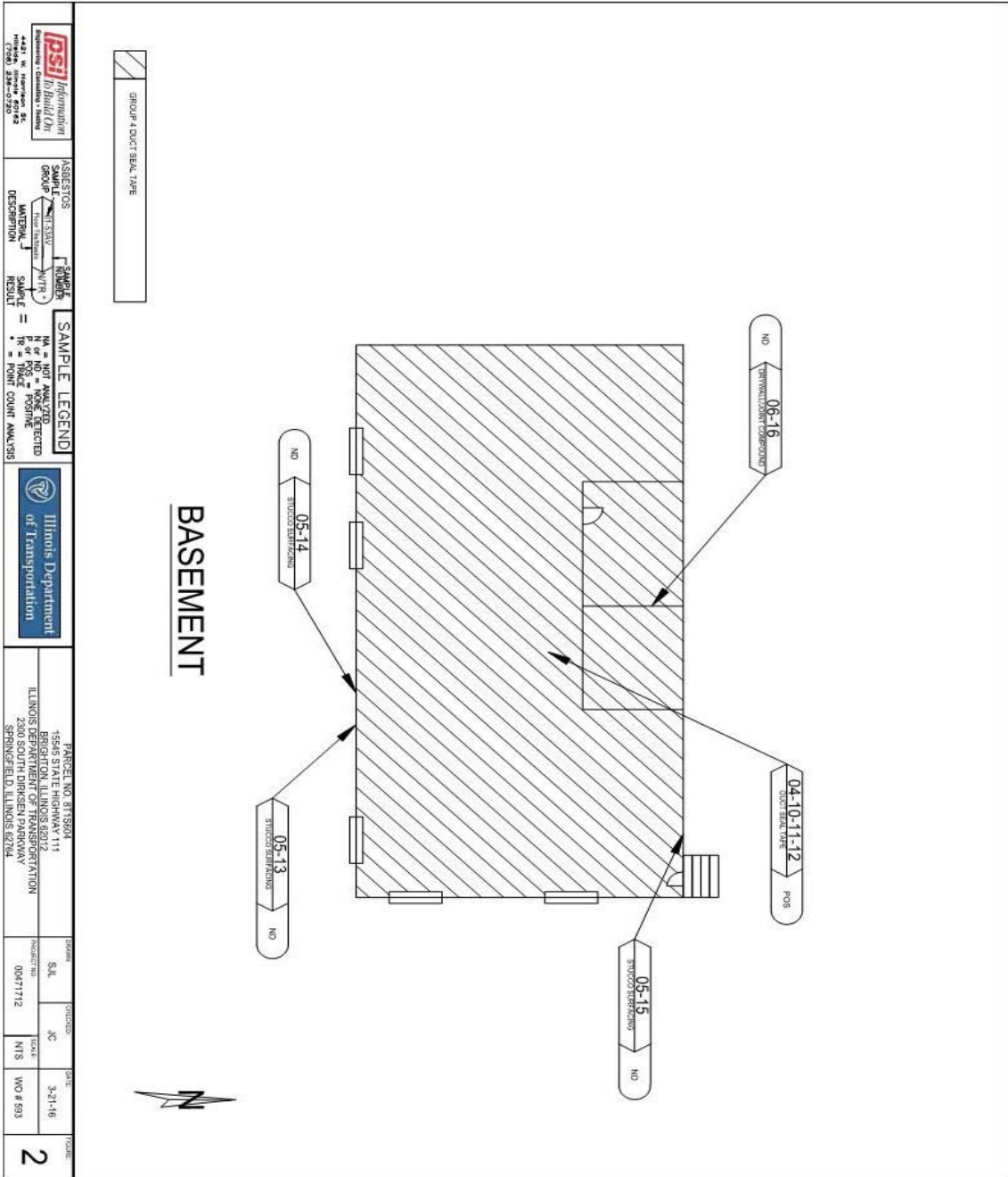
¹ F = Friable; NF = Nonfriable
² Cond. = Condition Of Materials
³ ND = None Detected
 * Point Count Analysis

Friability is further defined in section 4.
 Either good, fair or poor.

Added 4/7/16



Added 4/7/16



Added 4/7/16

APPENDIX B

BUILDING NO. 3 - NON-FRIABLE AND FRIABLE ASBESTOS ABATEMENT

SITE INFORMATION:

Route:	<u>FAP 10A</u>	Address:	<u>15485 State Highway 111</u>
County:	<u>Jersey</u>	Address:	
IDOT Job No:	<u>R-98-002-14</u>	City, State Zip	<u>Brighton, Illinois 62012</u>
Section:	<u>129-R-2-HSR</u>	Property Type:	<u>Single Family Residence</u>
Parcel No:	<u>8T1S606</u>	Construction Date:	<u>Circa 1939</u>
IDOT Work Order No:	<u>588</u>	Building Size (sqft):	<u>1,623 SF</u>

Asbestos Containing Materials	
Survey Date	<u>March 9, 2016</u>
By Whom:	<u>PSI, Inc.</u> <u>Tom Novatka</u> <u>100-08002</u>
Firm	
Inspector	
IDPH License No.	
Results	
Number of Material Types Sampled:	<u>9</u>
Number of Samples Collected:	<u>29</u>
Number of Materials Testing Positive:	<u>3</u>
Was Friable ACM Found?	<u>Yes</u>
Were Roofing Materials Sampled?	<u>Yes</u>
Are There Unique State or Local Requirements?	<u>Yes</u>
Laboratory Utilized:	
Name:	<u>STAT Analysis Corporation</u>
Address:	<u>2242 West Harrison Street</u> <u>Chicago, Illinois 60612</u>
Building Access Limitations:	
<u>None</u>	

Added 4/7/16

ACM SURVEY RESULTS - Parcel No. 8T1S606
Single Family Residence
15485 State Highway 111
Brighton, Illinois 62012

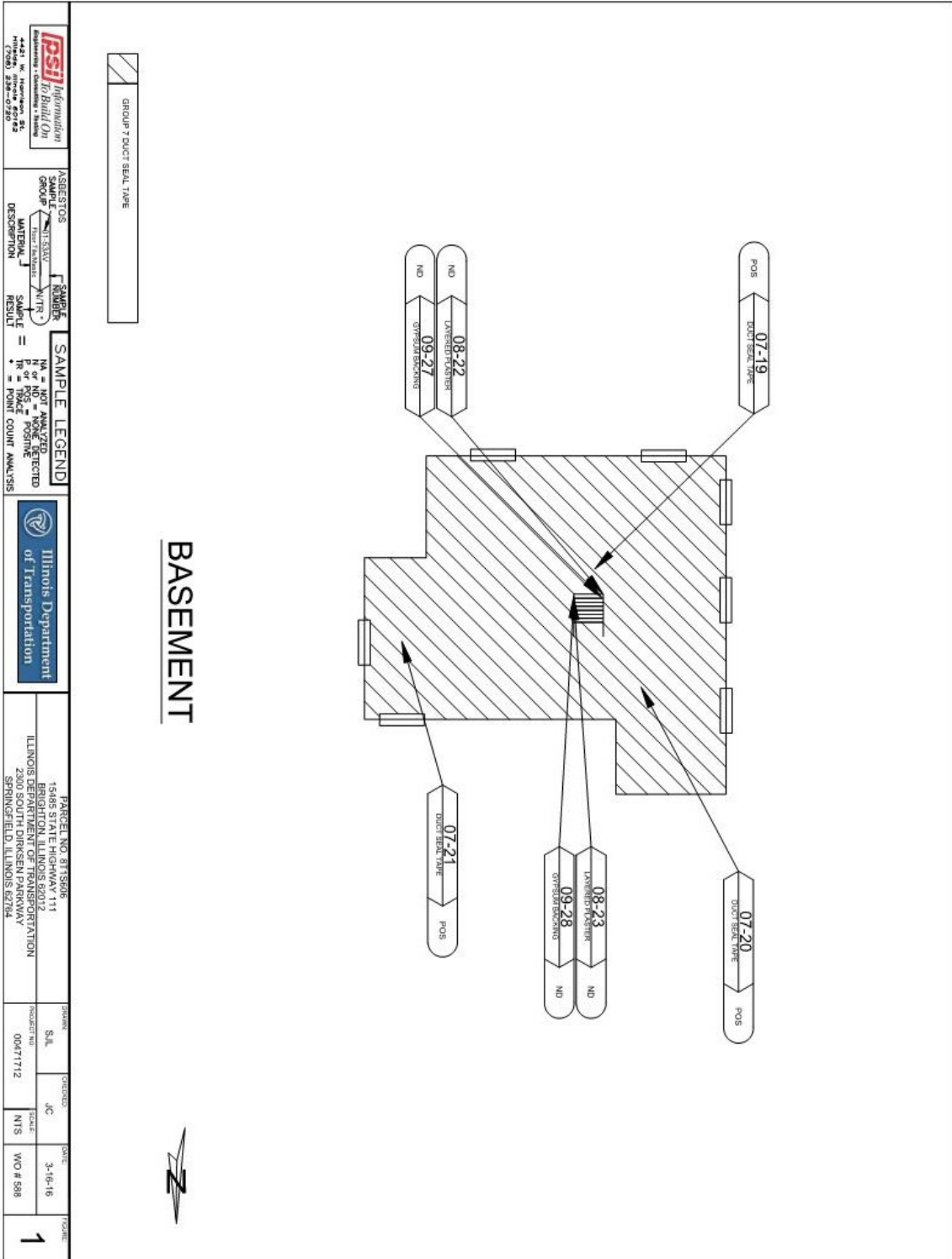
The following homogeneous building material types were sampled as part of this survey and their results are summarized in the table below:

MTL #	MATERIAL DESCRIPTION	LOCATION	F/NF ¹	COND. ²	% ACM ³	# SAMPLES	QUANTITY (ENG/MET)
01	Roofing shingles with backing	Roof	NF	Good	ND/ND	3	1,750 SF 162.6 SM
02	Black sealant	Building chimney	NF	Good	5-10%	3	12 LF 3.7 LM
03	Transite siding	House exterior, below vinyl siding	NF	Good	60-65%	3	2,200 SF 204.4 SM
04	Window glazing	Basement windows	NF	Good	ND	3	35 LF 10.7 LM
05	Drywall/joint compound	Den, ½ bath	F	Good	ND/ND	3	1,550 SF 144.0 SM
06	White with square pattern vinyl sheet flooring	½ bath, den closet	NF	Good	ND	3	20 SF 1.9 SM
07	Duct seam tape	Basement	F	Good	60-65%	3	80 LF 24.4 LM
08	Layered plaster	First floor	NF	Good	ND	3	3,000 SF 278.7 SM
09	Gypsum backing board	Behind plaster walls	F	Good	ND	3	3,000 SF 278.7 SM
TOTAL QUANTITY OF ACM							92 LF 2,200 SF
ESTIMATED ABATEMENT COST							\$15,182.00

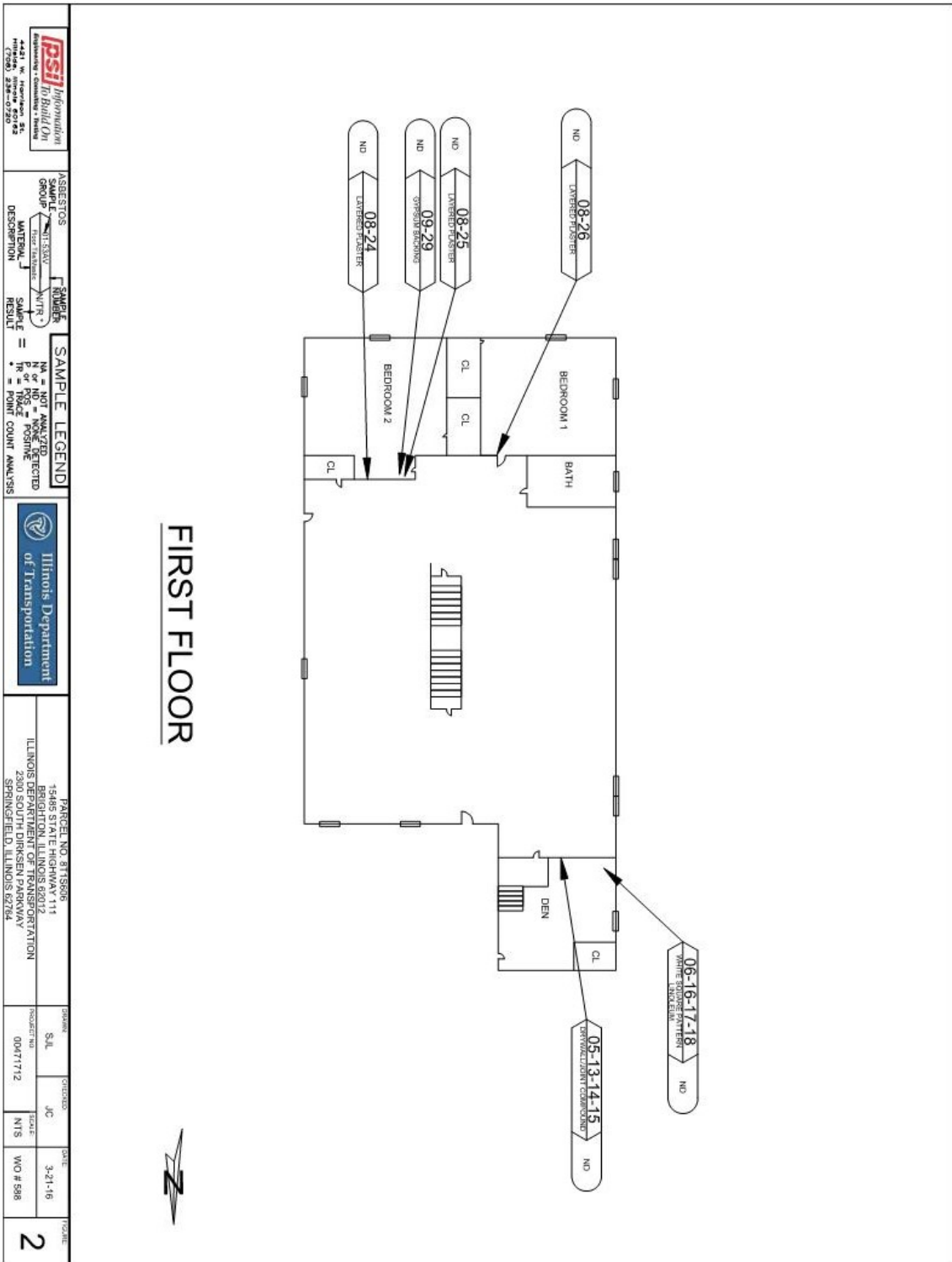
¹ F = Friable; NF = Nonfriable
² Cond. = Condition Of Materials
³ ND = None Detected
 * Point Count Analysis

Friability is further defined in section 4.
 Either good, fair or poor.

Added 4/7/16



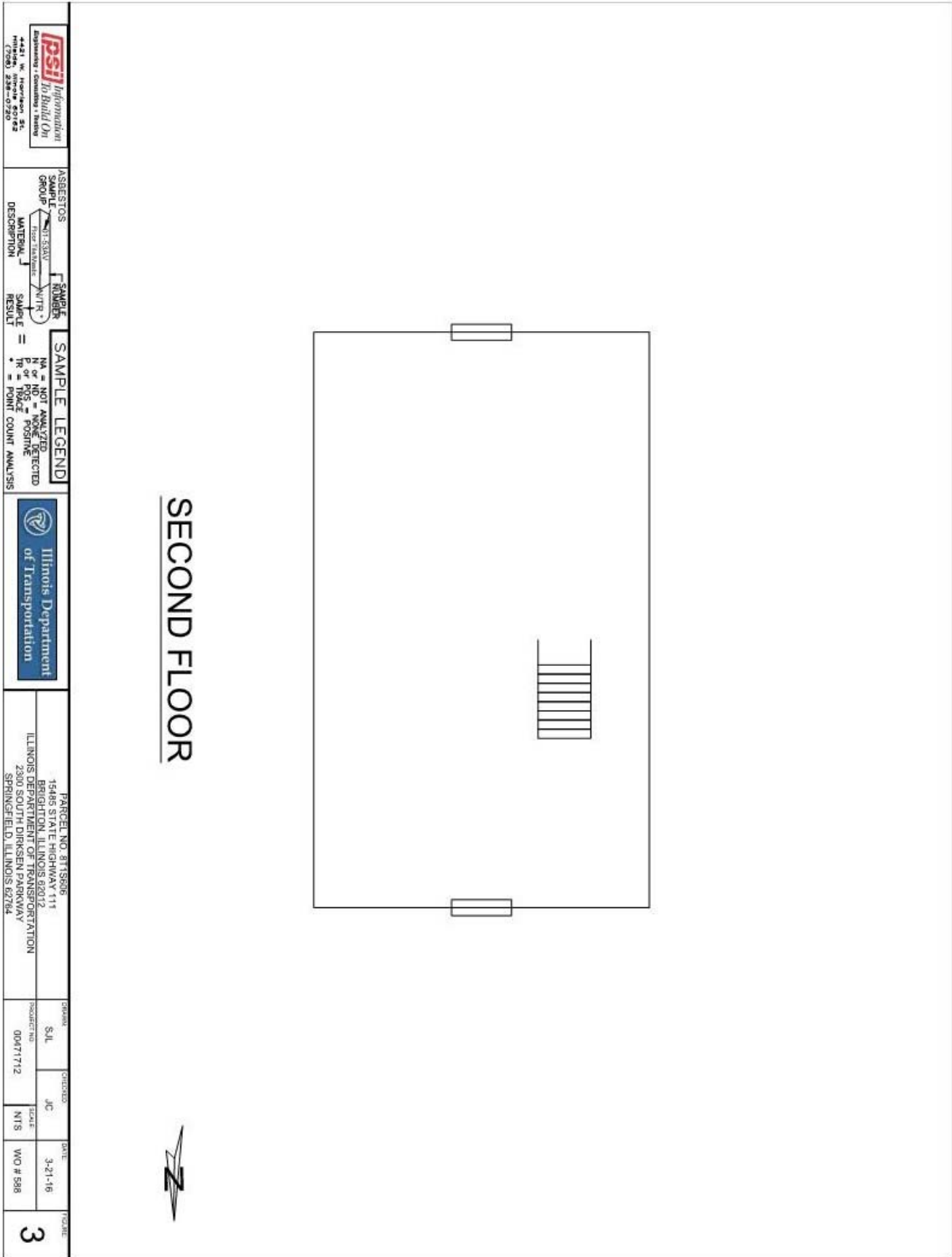
Added 4/7/16



FIRST FLOOR

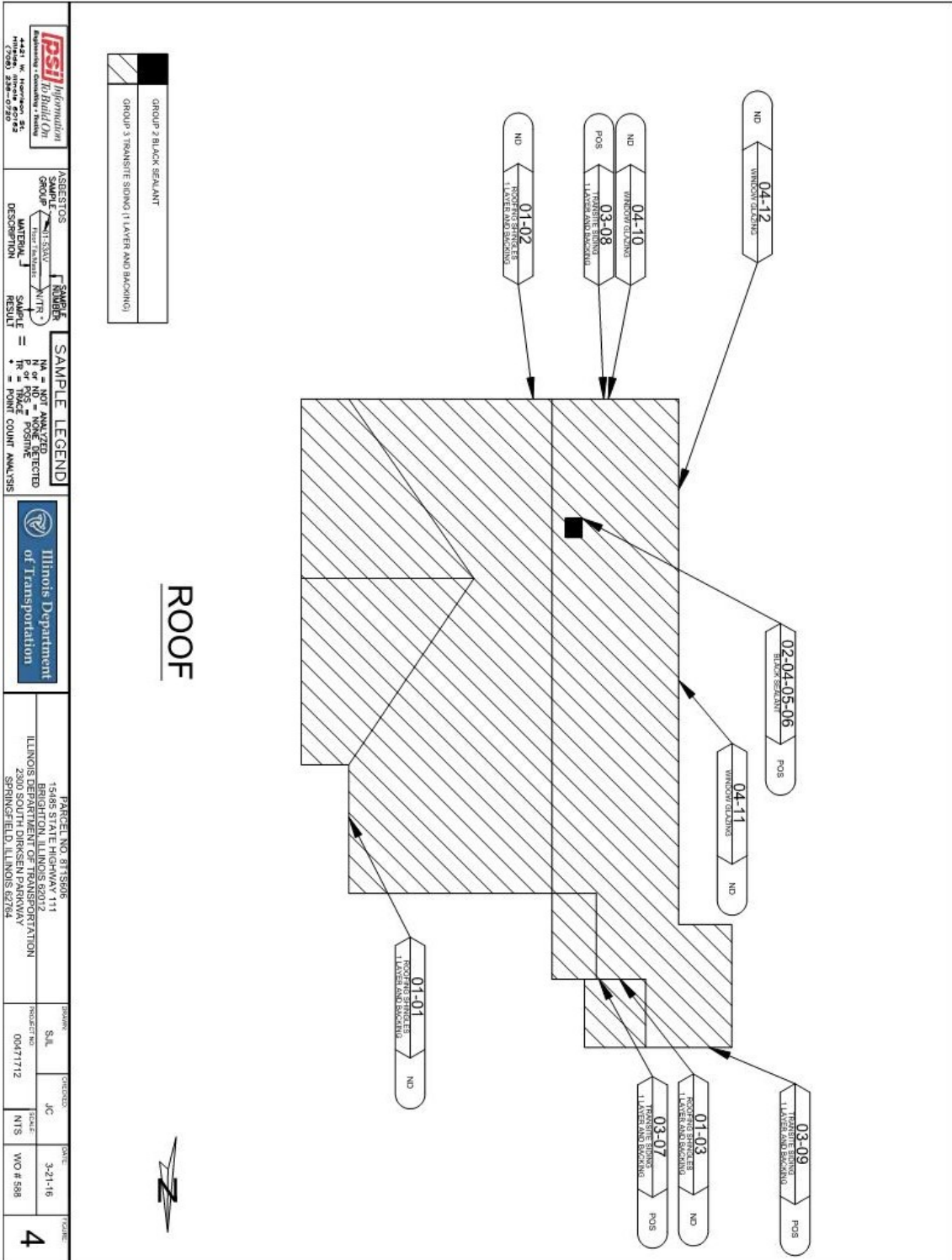
PSI Information Building On 4421 W. Northland St. Chicago, IL 60641 (773) 254-0720		ASBESTOS SAMPLE GROUP: MIXED MATERIAL: VITR DESCRIPTION:		SAMPLE LEGEND NO. = NOT ANALYZED ND = NOT DETECTED * = POINT COUNT ANALYSIS	
PARCEL NO. 8175856 15485 STATE HIGHWAY 114 BENTON, ILLINOIS 62412 ILLINOIS DEPARTMENT OF TRANSPORTATION 2300 SOUTH DIRKSEN PARKWAY SPRINGFIELD, ILLINOIS 62764		DRAWN: S.J.L. CHECKED: J.C. DATE: 3-21-16 SCALE: 1/8" = 1'-0" N.T.S. W.O. # 588		PROJECT: 2	

Added 4/7/16



PSI Information 4421 W. Northbrook St. Northbrook, IL 60062 (708) 237-0500		ASBESTOS SAMPLE GROUP: <input type="checkbox"/> FLOOR MATS MATERIAL: <input type="checkbox"/> FLOOR MATS DESCRIPTION: <input type="checkbox"/> FLOOR MATS SAMPLE NUMBER: <input type="checkbox"/> FLOOR MATS RESULT: <input type="checkbox"/> FLOOR MATS	
SAMPLE LEGEND NI = NOT ANALYZED ND = NOT DETECTED P = POSITIVE * = POINT COUNT ANALYSIS		Illinois Department of Transportation	
PARCEL NO. 8115868 15485 STATE HIGHWAY 111 ERICHTON, ILLINOIS 62022 ILLINOIS DEPARTMENT OF TRANSPORTATION 2300 SOUTH DIRKSEN PARKWAY SPRINGFIELD, ILLINOIS 62784		DRAWN S.J.L. CHECKED J.C. DATE 3-21-16	SCALE 1" = 10'-0" DATE 3-21-16
3		DATE 3-21-16	

Added 4/7/16



Added 4/7/16

APPENDIX C

BUILDING NO. 8 - NON-FRIABLE AND FRIABLE ASBESTOS ABATEMENT

SITE INFORMATION:

Route:	<u>FAP 10</u>	Address:	<u>33940 Albrite Street</u>
County:	<u>Jersey</u>	Address:	
IDOT Job No:	<u>R-98-002-14</u>	City, State Zip	<u>Brighton, Illinois 62012</u>
Section: Parcel	<u>High Speed Rail</u>	Property Type:	<u>Single Family Residence</u>
No:	<u>8T1S613</u>	Construction Date:	<u>1962</u>
IDOT Work Order No:	<u>564</u>	Building Size (sqft):	<u>1,310 SF</u>

Asbestos Containing Materials		
Survey Date	<u>March 3, 2016</u>	
By Whom:	<u>PSI, Inc.</u>	Firm
<u>Tom Novatka</u>		Inspector
<u>100-08002</u>		IDPH License No.
Results		
Number of Material Types Sampled:	<u>12</u>	
Number of Samples Collected:	<u>40</u>	
Number of Materials Testing Positive:	<u>4</u>	
Was Friable ACM Found?	<u>Yes</u>	
Were Roofing Materials Sampled?	<u>Yes</u>	
Are There Unique State or Local Requirements?	<u>Yes</u>	
Laboratory Utilized:		
Name:	<u>STAT Analysis Corporation</u>	
Address:	<u>2242 West Harrison Street</u>	
	<u>Chicago, Illinois 60612</u>	
Building Access Limitations:		
	<u>None</u>	

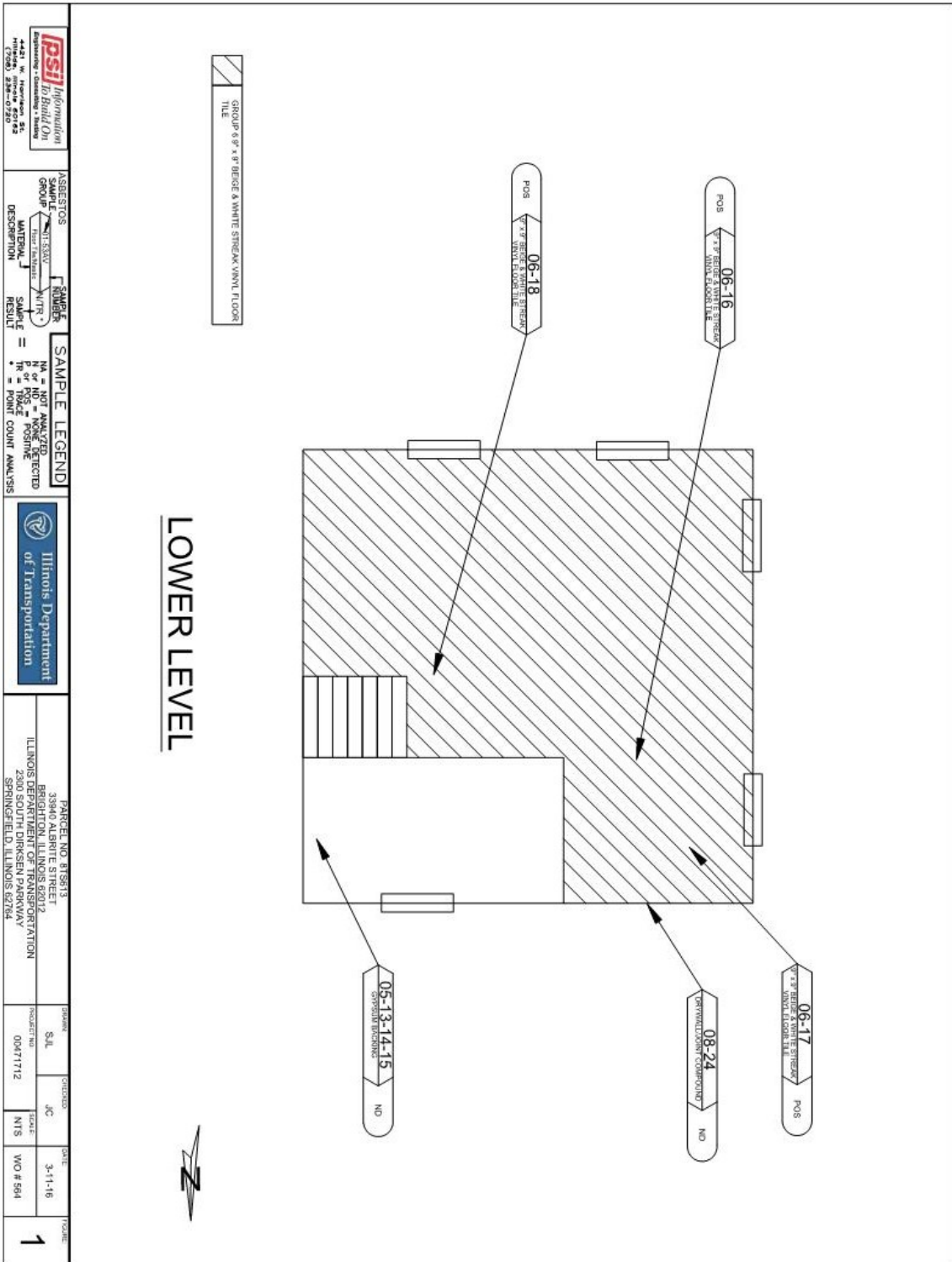
Added 4/7/16

ACM SURVEY RESULTS - Parcel No. 8T1S613
Single Family Residence
33940 Albrite Street
Brighton, Illinois 62012

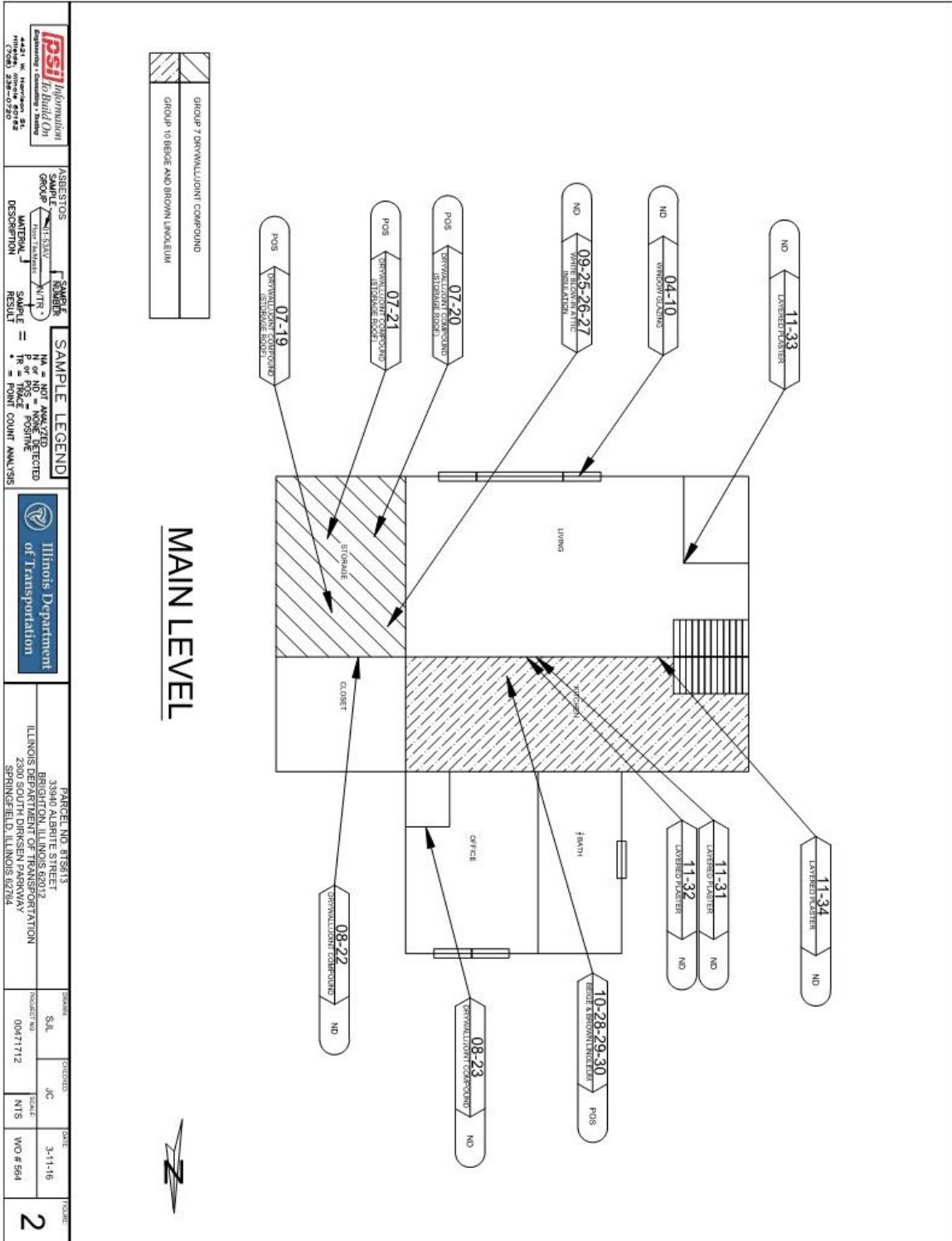
The following homogeneous building material types were sampled as part of this survey and their results are summarized in the table below:

MTL #	MATERIAL DESCRIPTION	LOCATION	F/NF ¹	COND. ²	% ACM ³	# SAMPLES	QUANTITY (ENG/MET)
01	Roofing shingles with backing	House roof	NF	Good	ND	3	2,300 SF 213.7 SM
02	Black sealant	House roof, chimney and vent flashing	NF	Good	ND	3	10 LF 3.0 LM
03	Multi-layer roofing shingles with backing	Shed extension	NF	Good	ND	3	130 SF 12.1 SM
04	Window glazing	House windows	NF	Good	ND	3	265 LF 80.8 LM
05	Gypsum backing	Throughout, with plaster	NF	Good	ND	3	5,300 SF 492.4 SM
06	9" x 9" beige with white streaks vinyl floor tile/mastic	Lower level	NF	Good	Tile 5-10% Mastic ND	3	450 SF 41.8 SM
07	Drywall/joint compound	Garage storage ceiling	F	Good	Drywall ND Joint Compound 1-5%	3	265 SF 24.6 SM
08	Drywall/joint compound	Closet, office, restroom and lower level	F	Good	ND	3	1,365 SF 126.8 SM
09	White blow-in attic insulation	Attic, mid-level roof	F	Good	ND	3	540 SF 50.2 SM
10	Beige and brown vinyl sheet flooring	Kitchen	NF	Good	5-10%	3	185 SF 17.2 SM
11	Layered plaster	Throughout	NF	Good	ND	7	5,300 SF 492.4 SM
12	Carpet mastic/beige vinyl sheet flooring	Restroom	NF	Good	5-10%	3	40 SF 3.7 SM
TOTAL QUANTITY OF ACM							940 SF
ESTIMATED ABATEMENT COST							\$6,640.00

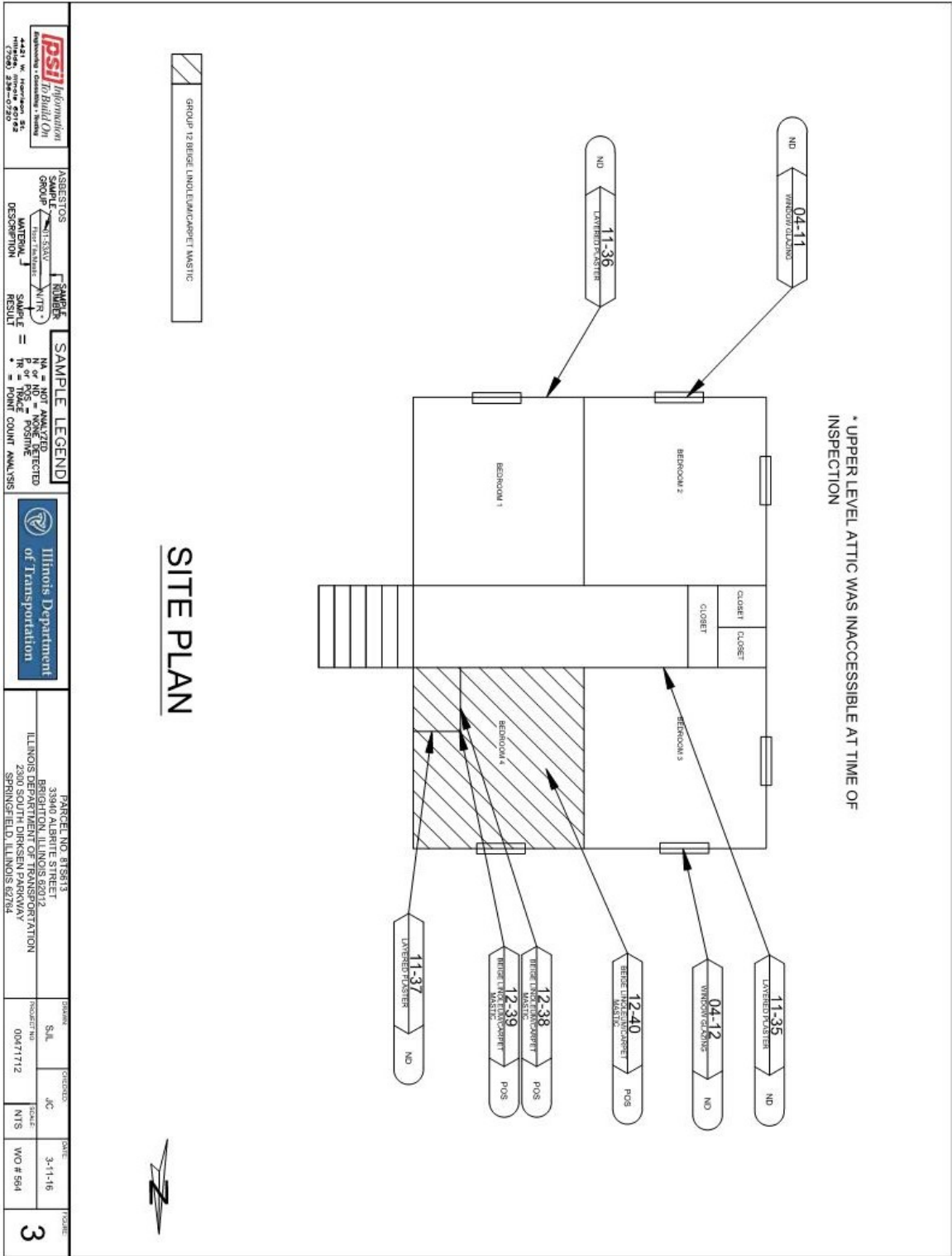
¹ F = Friable; NF = Nonfriable Friability is further defined in section 4.
² Cond. = Condition Of Materials Either good, fair or poor.
³ ND = None Detected
 * Point Count Analysis



Added 4/7/16

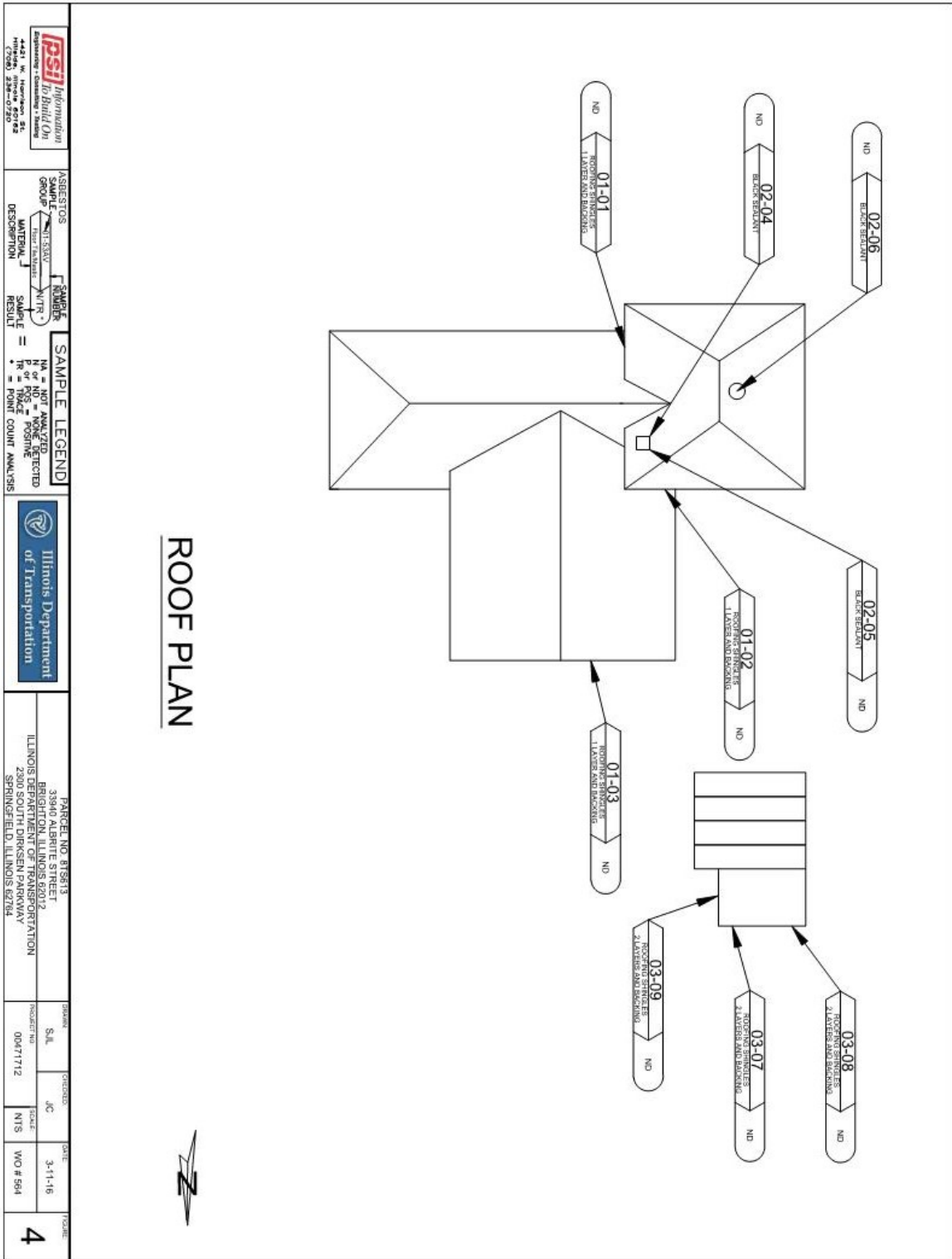


Added 4/7/16



PSI Information 4421 W. Harrison St. Springfield, IL 62760 Phone: 217-422-0720		ASBESTOS SAMPLE GROUP: <u>11-36</u> MATERIAL: <u>LATH/PLASTER</u> DESCRIPTION:		SAMPLE LEGEND ND = NOT ANALYZED POS = POSITIVE N/A = NOT APPLICABLE	
PARCEL NO. 8175813 33940 ALBERT STREET DEPARTMENT OF TRANSPORTATION ILLINOIS DEPARTMENT OF TRANSPORTATION 2300 SOUTH DIRKSEN PARKWAY SPRINGFIELD, ILLINOIS 62764		SHEET: S.L. PROJECT NO: 00471712	ORDERED: JC DATE: 3-11-16	SCALE: NTS W/O # 564	TOTAL: 3

Added 4/7/16



PSI Information For Build On Department - Consulting - Testing 4441 W. Henderson St. Chicago, IL 60641 (773) 238-0220	ASBESTOS		SAMPLE GROUP	NUMBER NTR	SAMPLE RESULT
	MATERIAL DESCRIPTION	SAMPLE RESULT	SAMPLE RESULT	SAMPLE RESULT	SAMPLE RESULT
SAMPLE LEGEND					
NA = NOT ANALYZED N = NOT DETECTED P = POSITIVE * = POINT COUNT ANALYSIS					
Illinois Department of Transportation			PARCEL NO. 815813 3940 ALBERT STREET ILLINOIS DEPARTMENT OF TRANSPORTATION 2000 SOUTH DIRKSEN PARKWAY SPRINGFIELD, ILLINOIS 62784		
DRAWN S.J.L.		CHECKED J.C.		DATE 3-11-16	
PROJECT NO. 00671712		SCALE NTS		WORK SHEET NO. 4	

Added 4/7/16

APPENDIX D

SHIPPING MANIFEST Generator

1. Work Site Name and Mailing Address		Owner's Name	Owner's Telephone No.
2. Operator's Name and Address			Operator's Telephone No
3. Waste Disposal Site (WDS) Name Mailing Address, and Physical Site Location			WDS Telephone No.
4. Name and Address of Responsible Agency			
5. Description of Materials			
6. Containers	No.	Type	
7. Total Quantity	M ³	(Yd ³)	
8. Special Handling Instructions and Additional Information			
9. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.			
Printed/Typed Name & Title		Signature	Month Day Year
Transporter			
10. Transporter 1 (Acknowledgement of Receipt of Materials)			
Printed/Typed Name & Title		Signature	Month Day Year
Address and Telephone No.			
11. Transporter 2 (Acknowledgement of Receipt of Materials)			
Printed/Typed Name & Title		Signature	Month Day Year
Address and Telephone No.			
Disposal Site			
12. Discrepancy Indication Space			
Certification of Receipt of Asbestos Materials Covered By This Manifest Except As Noted in Item 12			
Printed/Typed Name & Title		Signature	Month Day Year

Added 4/7/16

BUILDING REMOVAL - NON-FRIABLE ASBESTOS ABATEMENT

This Special Provision will apply only to those buildings identified by the Department or Contractor to contain asbestos.

This work shall consist of the complete removal and legal disposal off-site of building(s)/building materials in its/their entirety, together with all foundations, retaining walls, and piers. The Contractor has the option of removing the non-friable asbestos prior to demolition or demolishing the building(s) with the non-friable asbestos in place.

This work includes all incidental and collateral work necessary to complete the removal of the building(s) in a manner approved by the Engineer. Any holes or voids resulting from the removal of foundations or basements as determined by the Engineer, shall be filled with a suitable granular material as defined in Standard Specification, Article 1003.04 and 1004.05.

The building(s) are identified as follows:

<u>Bldg. No.</u>	<u>Parcel No.</u>	<u>Location</u>	<u>Description</u>
5	8T1S610	15377 State Highway 111 Brighton, IL	1,568 sq ft house on walk-out basement
9	8T1S614	33929 Albrite Street Brighton, IL	2,062 sq ft house on walk-out basement
12	8T1S615	33890 Woodgate Court Brighton, IL	1,667 sq ft house on walk-out basement

Discontinuance of Utilities: The Contractor shall arrange for the discontinuance of all utility services and the removal of the metering devices that serve the building(s) according to the respective requirements and regulations of the City, County, or utility companies involved. The Contractor shall disconnect and seal, in an approved manner, all service outlets that serve any building(s) he/she is to remove.

Signs: Immediately upon execution of the contract and prior to the wrecking of any structures, the Contractor shall be required to paint or stencil, in contrasting colors of an oil base paint, on all four sides of each residence and two opposite sides of other structures, the following sign:

PROPERTY ACQUIRED FOR
HIGHWAY CONSTRUCTION
TO BE DEMOLISHED BY THE

IL DEPARTMENT OF TRANSPORTATION

VANDALS WILL BE PROSECUTED

Added 4/7/16

The signs shall be positioned in a prominent location on the structure so that they can be easily seen and read and at a sufficient height to prevent defacing. The Contractor shall not paint signs nor start demolition of any building(s) prior to the time that the State becomes the owner of the respective building(s).

The Contractor has the option of removing the non-friable asbestos prior to demolition or demolishing the building(s) with the non-friable asbestos in place. Refer to the Special Provisions titled "Asbestos Abatement (General Conditions)" and "Removal and Disposal of Non-Friable Asbestos Building No. 5,9,12" contained herein.

Basis of Payment: This work will be paid for at the contract lump sum unit price for BUILDING REMOVAL, numbers as listed above, which price shall be payment in full for complete removal of the buildings and structures, including any necessary backfilling material as specified herein. The lump sum unit price(s) for this work shall represent the cost of demolition and disposal assuming all non-friable asbestos is removed prior to demolition. Any salvage value shall be reflected in the contract unit price for this item.

EXPLANATION OF BIDDING TERMS: Two separate contract unit price items have been established for the removal of each building. They are:

1. BUILDING REMOVAL NO. 5,9,12
2. REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 5,9,12

The Contractor shall have two options available for the removal and disposal of the non-friable asbestos.

The pay item for removal and disposal of non-friable asbestos will not be deleted regardless of the option chosen by the Contractor.

ASBESTOS ABATEMENT (GENERAL CONDITIONS): This work consists of the removal and disposal of non-friable asbestos from the building(s) to be demolished. All work shall be done according to the requirements of the U.S. Environmental Protection Agency (USEPA), the Illinois Environmental Protection Agency (IEPA), the Occupational Safety and Health Administration (OSHA), the Special Provision for "Removal and Disposal of Non-Friable Asbestos, Building No. 5,9,12," and as outlined herein.

Sketches indicating the location of Asbestos Containing Material (ACM) are included in this specification herein. The quantities are given only for information and it shall be the Contractor's responsibility to determine the exact quantities prior to submitting his/her bid.

The work involved in the removal and disposal of non-friable asbestos if done prior to demolition, shall be performed by a Contractor or Sub-Contractor prequalified with the Illinois Capital Development Board.

The Contractor shall provide a shipping manifest, similar to the one included herein, to the Engineer for the disposal of all ACM wastes.

Added 4/7/16

Permits: The Contractor shall apply for permit(s) in compliance with applicable regulations of the Illinois Environmental Protection Agency. Any and all other permits required by other federal, state, or local agencies for carrying on the work shall be the responsibility of the Contractor. Copies of the permit(s) shall be sent to the district office and the Engineer.

Notifications: The "Demolition/Renovation Notice" form, which can be obtained from the IEPA office, shall be completed and submitted to the address listed below at least ten days prior to commencement of any asbestos removal or demolition activity. Separate notices shall be sent for the asbestos removal work and the building demolition if they are done as separate operations.

Asbestos Demolition/Renovation Coordinator
Illinois Environmental Protection Agency Division of Air Pollution Control
P. O. Box 19276
Springfield, Illinois 62794-9276
(217) 785-1743

Notices shall be updated if there is a change in the starting date or the amount of asbestos changes by more than 20 percent.

Submittals:

- A. All submittals and notices shall be made to the Engineer except where otherwise specified herein.
- B. Submittals that shall be made prior to start of work:
 1. Submittals required under Asbestos Abatement Experience.
 2. Submit documentation indicating that all employees have had medical examinations and instruction on the hazards of asbestos exposure, on use and fitting of respirators, on protective dress, on use of showers, on entry and exit from work areas, and on all aspects of work procedures and protective measures as specified in Worker Protection Procedures.
 3. Submit manufacturer's certification stating that vacuums, ventilation equipment, and other equipment required to contain airborne fibers conform to ANSI 29.2.
 4. Submit to the Engineer the brand name, manufacturer, and specification of all sealants or surfactants to be used. Testing under existing conditions will be required at the direction of the Engineer.
 5. Submit proof that all required permits, site locations, and arrangements for transport and disposal of asbestos-containing or asbestos-contaminated materials, supplies, and the like have been obtained (i.e., a letter of authorization to utilize designated landfill).

6. Submit a list of penalties, including liquidated damages, incurred through non-compliance with asbestos abatement project specifications.
 7. Submit a detailed plan of the procedures proposed for use in complying with the requirements of this specification. Include in the plan the location and layout of decontamination units, the sequencing of work, the respiratory protection plan to be used during this work, a site safety plan, a disposal plan including the location of an approved disposal site, and a detailed description of the methods to be used to control pollution. The plan shall be submitted to the Engineer prior to the start of work.
 8. Submit proof of written notification and compliance with the "Notifications" paragraph.
- C. Submittals that shall be made upon completion of abatement work:
1. Submit copies of all waste chain-of-custodies, trip tickets, and disposal receipts for all asbestos waste materials removed from the work area;
 2. Submit daily copies of work site entry logbooks with information on worker and visitor access;
 3. Submit logs documenting filter changes on respirators, HEPA vacuums, negative pressure ventilation units, and other engineering controls; and
 4. Submit results of any bulk material analysis and air sampling data collected during the course of the abatement including results of any on-site testing by any federal, state, or local agency.

Certificate of Insurance:

- A. The Contractor shall document general liability insurance for personal injury, occupational disease and sickness or death, and property damage.
- B. The Contractor shall document current Workmen's Compensation Insurance coverage.
- C. The Contractor shall supply insurance certificates as specified by the Department.

Asbestos Abatement Experience:

- A. Company Experience. Prior to starting work, the Contractor shall supply evidence that he/she has been prequalified with the Illinois Capital Development Board and that he/she has been included on the Illinois Department of Public Health's list of approved Contractors.

Added 4/7/16

B. Personnel Experience:

1. For Superintendent, the Contractor shall supply:
 - a. Evidence of knowledge of applicable regulations in safety and environmental protection is required as well as training in asbestos abatement as evidenced by the successful completion of a training course in supervision of asbestos abatement as specified in 40 CFR 763, Subpart E, Appendix C, EPA Model Contractor Accreditation Plan. A copy of the certificate of successful completion shall be provided to the Engineer prior to the start of work.
 - b. Documentation of experience with abatement work in a supervisory position as evidenced through supervising at least two asbestos abatement projects; provide names, contact, phone number, and locations of two projects in which the individual(s) has worked in a supervisory capacity.
2. For workers involved in the removal of asbestos, the Contractor shall provide training as evidenced by the participation and successful completion of an accredited training course for asbestos abatement workers as specified in 40 CFR 763, Subpart E, Appendix C, EPA Model Contractor Accreditation Plan. A copy of the certificate of successful completion shall be provided to all employees who will be working on this project.

ABATEMENT AIR MONITORING: The Contractor shall comply with the following:

- A. Personal Monitoring. All personal monitoring shall be conducted per specifications listed in OSHA regulation, Title 29, Code of Federal Regulation 1926.58. All area sampling shall be conducted according to 40 CFR Part 763.90. All air monitoring equipment shall be calibrated and maintained in proper operating condition. Excursion limits shall be monitored daily. Personal monitoring is the responsibility of the Contractor. Additional personal samples may be required by the Engineer at any time during the project.
- B. Interior Non-Friable Asbestos-Containing Materials. The Contractor shall perform personal air monitoring during removal of all non-friable Transite and floor tile removal operations. The Engineer will also have the option to require additional personal samples and/or clearance samples during this type of work.
- C. Exterior Non-Friable Asbestos-Containing Materials. The Contractor shall perform personal air monitoring during removal of all non-friable cementitious panels, piping, roofing felts, and built up roofing materials that contain asbestos.

Added 4/7/16

The Contractor shall conduct down wind area sampling to monitor airborne fiber levels at a frequency of no less than three per day.

D. Air Monitoring Professional

1. All air sampling shall be conducted by a qualified Air Sampling Professional supplied by the Contractor. The Air Sampling Professional shall submit documentation of successful completion of the National Institute for Occupational Safety and Health (NIOSH) course #582 - "Sampling and Evaluating Airborne Asbestos Dust".
2. Air sampling shall be conducted according to NIOSH Method 7400. The results of these tests shall be provided to the Engineer within 24 hours of the collection of air samples.

REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 5.9.12: The Contractor has the option of removing and disposing of the non-friable asbestos prior to demolition of the building(s) or demolishing the building(s) with the non-friable asbestos in place.

Option #1 - If the Contractor chooses to remove all non-friable asbestos prior to demolition, the work shall be done according to the Special Provision titled "Asbestos Abatement (General Conditions)".

Option #2 - If the Contractor chooses to demolish the building(s) with the non-friable asbestos in place, the following provisions shall apply:

1. Continuously wet all non-friable ACM and other building debris with water during demolition.
2. Dispose of all demolition debris as asbestos containing material by placing it in lined, covered transport haulers and placing it in an approved landfill.

This work will be paid for at the contract unit price per lump sum for REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 5.9.12, as shown.

The cost for this work shall be determined as follows:

Option #1 - Actual cost of removal and disposal of non-friable asbestos.

Option #2 - The difference in cost between removing and disposing of the building if all non-friable asbestos is left in place and removing and disposing of the building assuming all non-friable asbestos is removed prior to demolition.

The cost of removing and disposing of the building(s), assuming all non-friable asbestos is removed first, shall be represented by the pay item "BUILDING REMOVAL NO. 5.9.12"

Regardless of the option chosen by the Contractor, this pay item will not be deleted, nor will the pay item BUILDING REMOVAL NO. 5.9.12 be deleted.

Added 4/7/16

BUILDING NO. 5 - NON-FRIABLE ASBESTOS ABATEMENT

SECTION 1
 1.1 Survey Summary Sheet

SITE INFORMATION:

Route:	<u>FAP 10A</u>	Address:	<u>15377 State Highway 111</u>
County:	<u>Jersey</u>	Address:	
IDOT Job No:	<u>R-98-002-14</u>	City, State Zip:	<u>Brighton, Illinois 62012</u>
Section:	<u>129-2-HSR</u>	Property Type:	<u>Single Family Residence</u>
Parcel No:	<u>8T1S610</u>	Construction Date:	<u>1954</u>
IDOT Work Order No:	<u>589</u>	Building Size (sqft):	<u>1,020 SF</u>

Asbestos Containing Materials	
Survey Date	<u>March 2, 2016</u>
By Whom:	<u>PSI, Inc.</u> <u>Tom Novatka</u> <u>100-08002</u>
	Firm Inspector IDPH License No.
Results	
Number of Material Types Sampled:	<u>11</u>
Number of Samples Collected:	<u>35</u>
Number of Materials Testing Positive:	<u>1</u>
Was Friable ACM Found?	<u>No</u>
Were Roofing Materials Sampled?	<u>Yes</u>
Are There Unique State or Local Requirements?	<u>Yes</u>
Laboratory Utilized:	
Name:	<u>STAT Analysis Corporation</u>
Address:	<u>2242 West Harrison Street</u> <u>Chicago, Illinois 62012</u>
Building Access Limitations:	
<u>None</u>	

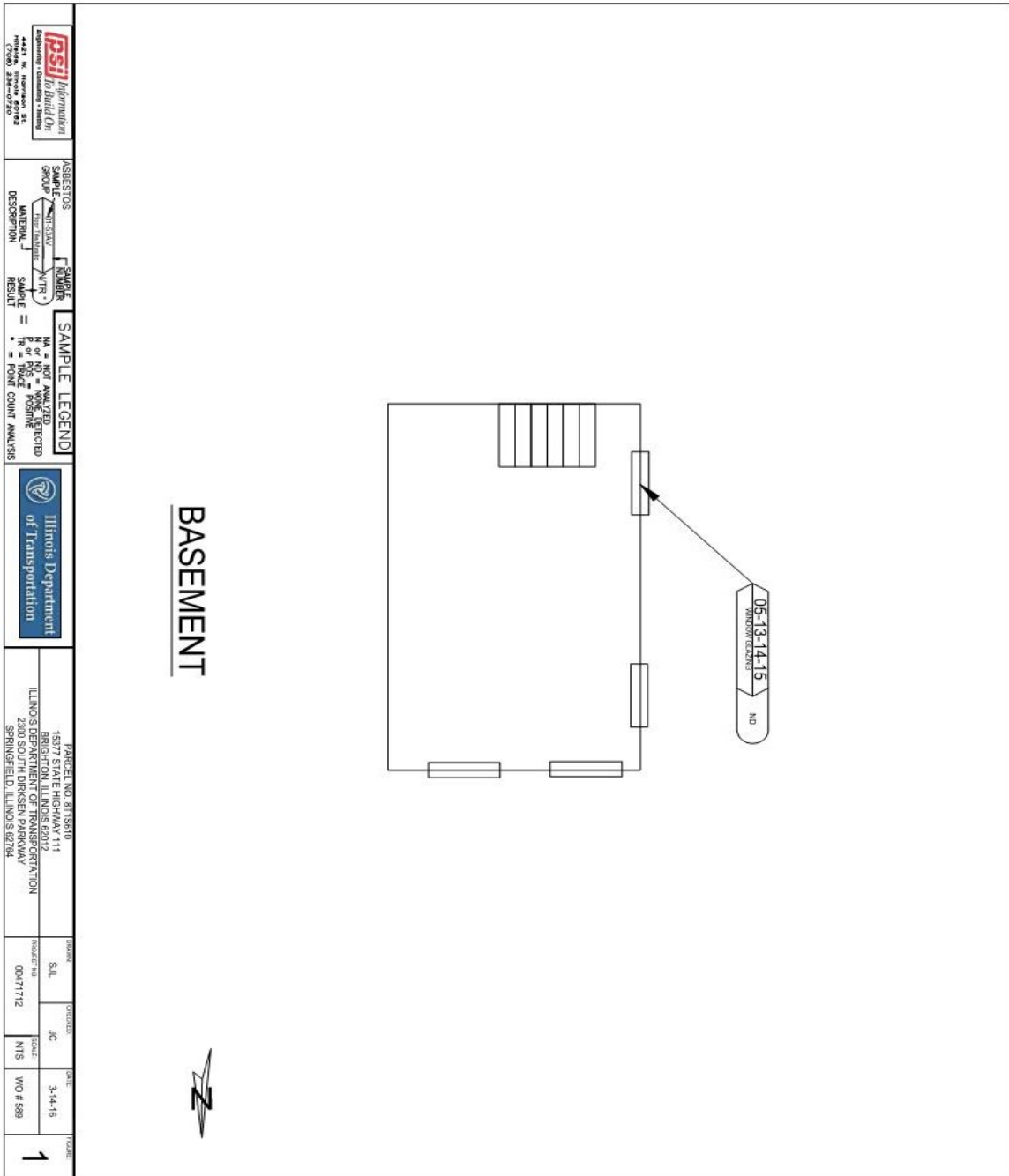
SECTION 1
 1.2 Survey Summary & Results

ACM SURVEY RESULTS - Parcel No. 8T1S610
Single Family Residence
15377 State Highway 111
Brighton, Illinois 62012

The following homogeneous building material types were sampled as part of this survey and their results are summarized in the table below:

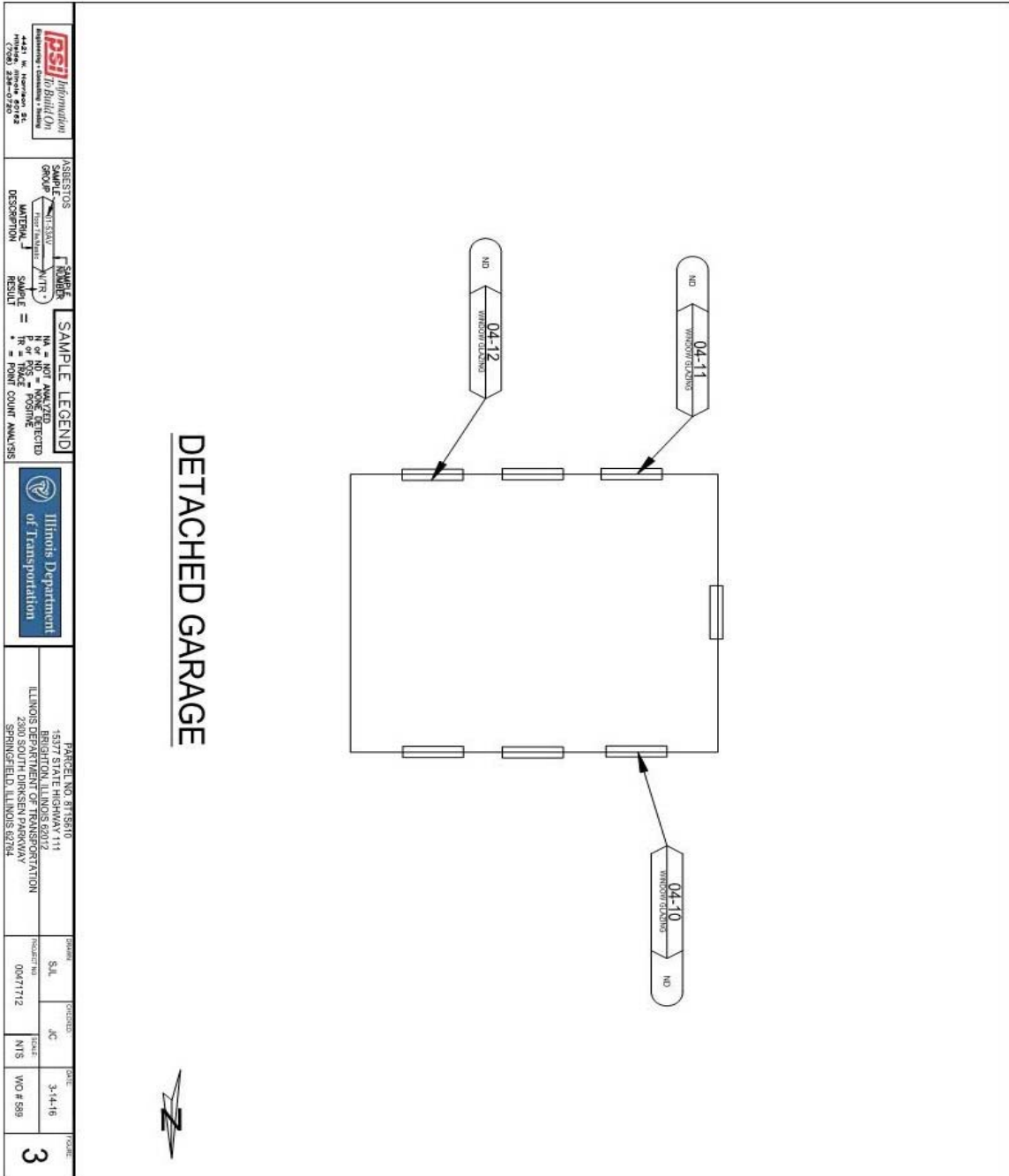
MTL #	MATERIAL DESCRIPTION	LOCATION	F/NF ¹	COND. ²	% ACM ³	# SAMPLES	QUANTITY (ENG/MET)
01	Roofing shingles	House roof	NF	Good	ND	3	3,000 SF 278.7 SM
02	Window glazing	House and attached garage windows	NF	Good	5-10%	3	100 LF 30.5 LM
03	Roofing shingles	Detached garage	NF	Good	ND	3	745 SF 69.2 SM
04	Window glazing	Detached garage windows	NF	Good	ND	3	48 SF 4.5 SM
05	Window glazing	Basement windows	NF	Good	ND	3	45 LF 13.7 LM
06	Brown wool blown-in insulation	Attic	NF	Good	ND	3	960 SF 89.2 SM
07	Unfinished drywall	Garage, south wall	F	Good	ND	3	135 SF 12.5 SM
08	Beige, square pattern vinyl sheet flooring	Bathroom	NF	Good	ND	3	22 SF 2.0 SM
09	Gypsum backing panel	Ceilings and walls	F	Good	ND	3	2,950 SF 274.1 SM
10	Layered plaster	Ceilings and walls	NF	Good	ND	3	2,950 SF 274.1 SM
11	Backing panel	Kitchen, below ceramic tile	F	Good	ND	3	210 SF
TOTAL QUANTITY OF ACM							100 LF
ESTIMATED ABATEMENT COST							\$700.00

¹ F = Friable; NF = Nonfriable Friability is further defined in section 4.
² Cond. = Condition of Materials Either good, fair or poor.
³ ND = None Detected
 * Point Count Analysis



PSI Information Engineering & Consulting Services 4421 W. Newmark St. Chicago, IL 60641 (773) 338-0220		ASBESTOS SAMPLE GROUP: <input checked="" type="checkbox"/> AIR / <input type="checkbox"/> SURFACE MATERIAL: <input type="checkbox"/> FIBERGLASS / <input type="checkbox"/> OTHER DESCRIPTION: _____ SAMPLE RESULT: _____		SAMPLE LEGEND NM = NOT ANALYZED N = NO. OF POSITIVE P = POINT COUNT ANALYSIS	
Illinois Department of Transportation		PARCEL NO. 8175810 1577 STATE HIGHWAY 111 REGIONAL ILLINOIS TRANSPORTATION 2000 SOUTH DUNSMEN PARKWAY SPRINGFIELD, ILLINOIS 62794		DRAWN S.J.L. CHECKED J.C. DATE 3-14-16	SCALE N.T.S. WO # 589 NO. 1

Added 4/7/16



PSI Information
 444 W. Harrison St.
 Chicago, IL 60605
 (773) 234-0720

ASBESTOS
 SAMPLE LOCATION: WINDOW GLASSING
 MATERIAL: AIR
 DESCRIPTION: RESULT

SAMPLE LEGEND
 N/A = NOT ANALYZED
 ND = NONE DETECTED
 P = POSITIVE
 * = POINT COUNT ANALYSIS

PARCEL NO. 8715810
 15377 STATE HIGHWAY 111
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 2300 SOUTH DIRPSEN PARKWAY
 SPRINGFIELD, ILLINOIS 62714

DATE: 3-14-16
 PROJECT NO: 0047112
 SCALE: NTS
 SHEET NO: 3

Added 4/7/16

BUILDING NO. 9 - NON-FRIABLE ASBESTOS ABATEMENT

SECTION 1
 1.1 Survey Summary Sheet

SITE INFORMATION:

Route:	<u>FAP 10A</u>	Address:	<u>33929 Albrite Street</u>
County:	<u>Jersey</u>	Address:	
IDOT Job No:	<u>R-98-002-14</u>	City, State Zip:	<u>Brighton, Illinois 62012</u>
Section:	<u>129-R-2-HSR</u>	Property Type:	<u>Single Family Residence</u>
Parcel No:	<u>8T1S614</u>	Construction Date:	<u>Circa 1958</u>
IDOT Work Order No:	<u>590</u>	Building Size (sqft):	<u>1,350 SF</u>

Asbestos Containing Materials	
Survey Date	<u>March 1, 2016</u>
By Whom:	<u>PSI, Inc.</u> <u>Tom Novatka</u> <u>100-08002</u>
	Firm Inspector IDPH License No.
Results	
Number of Material Types Sampled:	<u>17</u>
Number of Samples Collected:	<u>53</u>
Number of Materials Testing Positive:	<u>4</u>
Was Friable ACM Found?	<u>No</u>
Were Roofing Materials Sampled?	<u>Yes</u>
Are There Unique State or Local Requirements?	<u>Yes</u>
Laboratory Utilized:	
Name:	<u>STAT Analysis Corporation</u>
Address:	<u>2242 West Harrison Street</u> <u>Chicago, Illinois 60612</u>
Building Access Limitations:	
<u>None</u>	

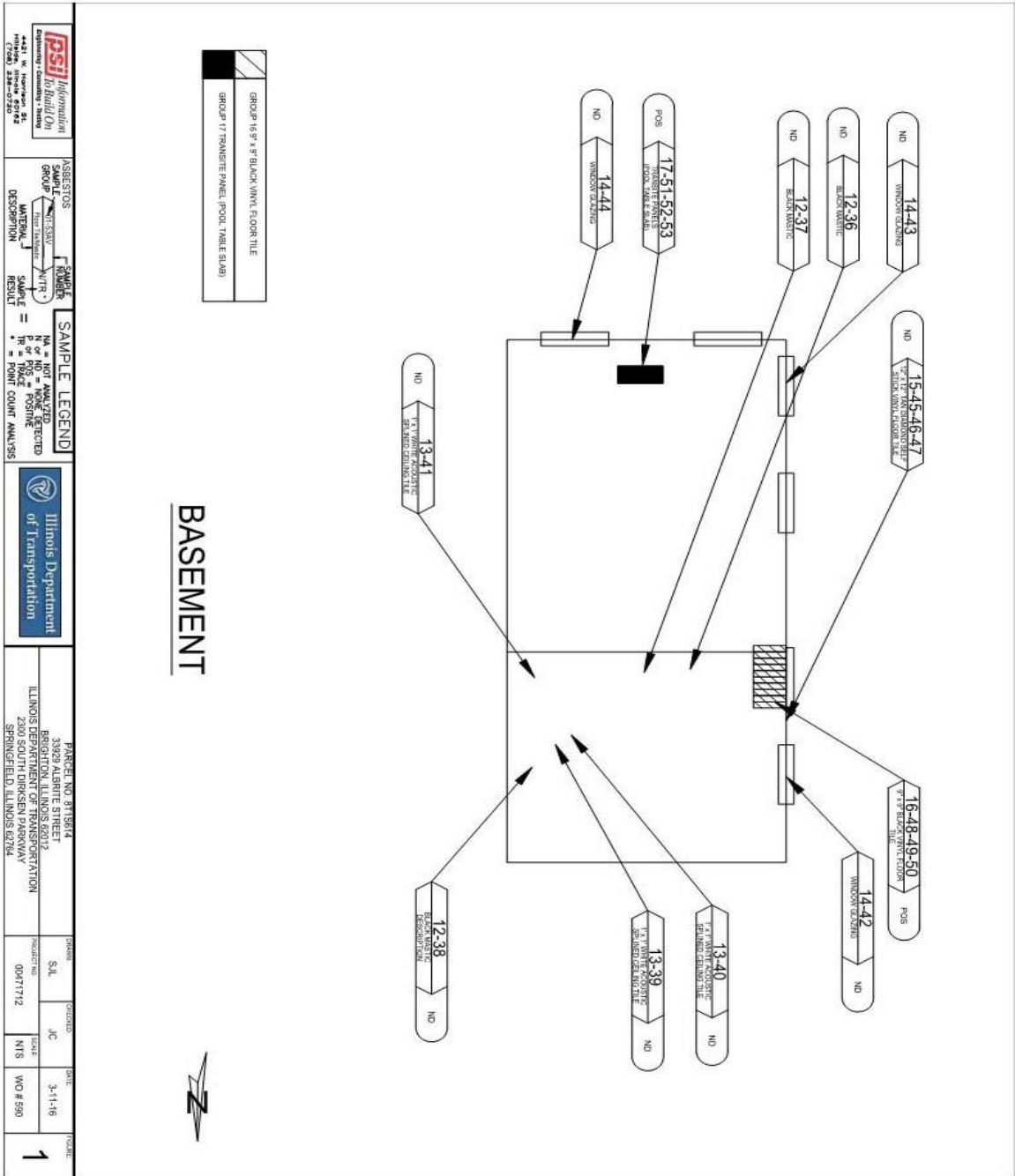
SECTION 1
 1.2 Survey Summary & Results

ACM SURVEY RESULTS - Parcel No. 8T1S614
Single Family Residence
33929 Albrite Street
Brighton, Illinois 62012

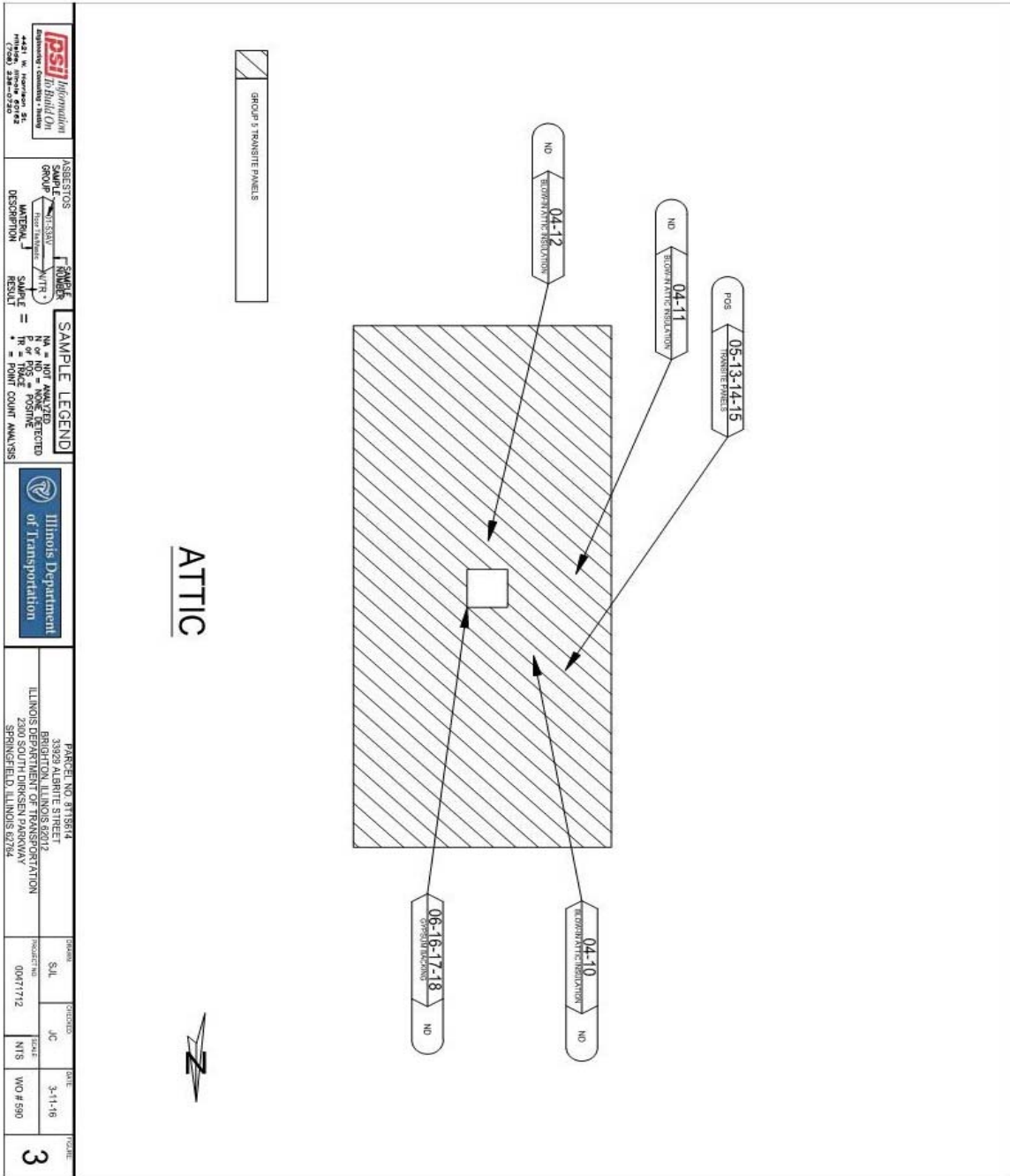
The following homogeneous building material types were sampled as part of this survey and their results are summarized in the table below:

MTL #	MATERIAL DESCRIPTION	LOCATION	F/NF ¹	COND. ²	% ACM ³	# SAMPLES	QUANTITY (ENG/MET)
01	Roofing shingles with backing	House and garage roof	NF	Good	ND/ND	3	2,250 SF 209.0 SM
02	Window glazing	Garage and living room windows	NF	Good	ND	3	180 LF 54.9 LM
03	Chimney flashing	House roof	NF	Good	ND	3	14 LF 4.3 LM
04	Blown-in attic insulation	House attic	F	Good	ND	3	1,350 SF 125.4 SM
05	Transite panels	In attic on north and south sides of raised roof over den	NF	Good	60-65%	3	25 SF 2.3 SM
06	Gypsum backing	Behind plaster walls	F	Good	ND	3	4,250 SF 394.8 SM
07	Layered plaster	House walls and ceilings	NF	Good	ND	5	4,250 SF 394.8 SM
08	Beige vinyl floor tile/mastic	Kitchen	NF	Good	ND/ND/ND	3	175 SF 16.3 SM
09	Tan vinyl floor tile with brown and white streaks vinyl floor tile/mastic	Den	NF	Good	1-5%	3	165 SF 15.3 SM
10	White with square pattern vinyl sheet flooring	Bathroom	NF	Good	ND	3	50 SF 4.6 SM
11	Drywall/joint compound	Garage	F	Good	ND/ND	3	850 SF 79.0 SM
12	Black mastic	Basement	NF	Good	ND	3	250 SF 23.2 SM
13	1' x 1' white acoustic splined ceiling tile	Basement	F	Good	ND	3	75 SF 7.0 SM
14	Window glazing	Basement windows	NF	Good	ND	3	96 LF 29.3 LM
15	12" x 12" tan diamond pattern self-stick vinyl floor tile	Stairs to basement	NF	Good	ND	3	28 SF 2.6 SM
16	9" x 9" black with multi-color spots vinyl floor tile/mastic	Stairs to basement	NF	Good	1-5	3	28 SF 2.6 SM
17	Transite panel	Pool table slab against south wall in basement	NF	Good	60-65%	3	65 SF 6.0 SM
TOTAL QUANTITY OF ACM							283 SF
ESTIMATED ABATEMENT COST							\$2,896.50

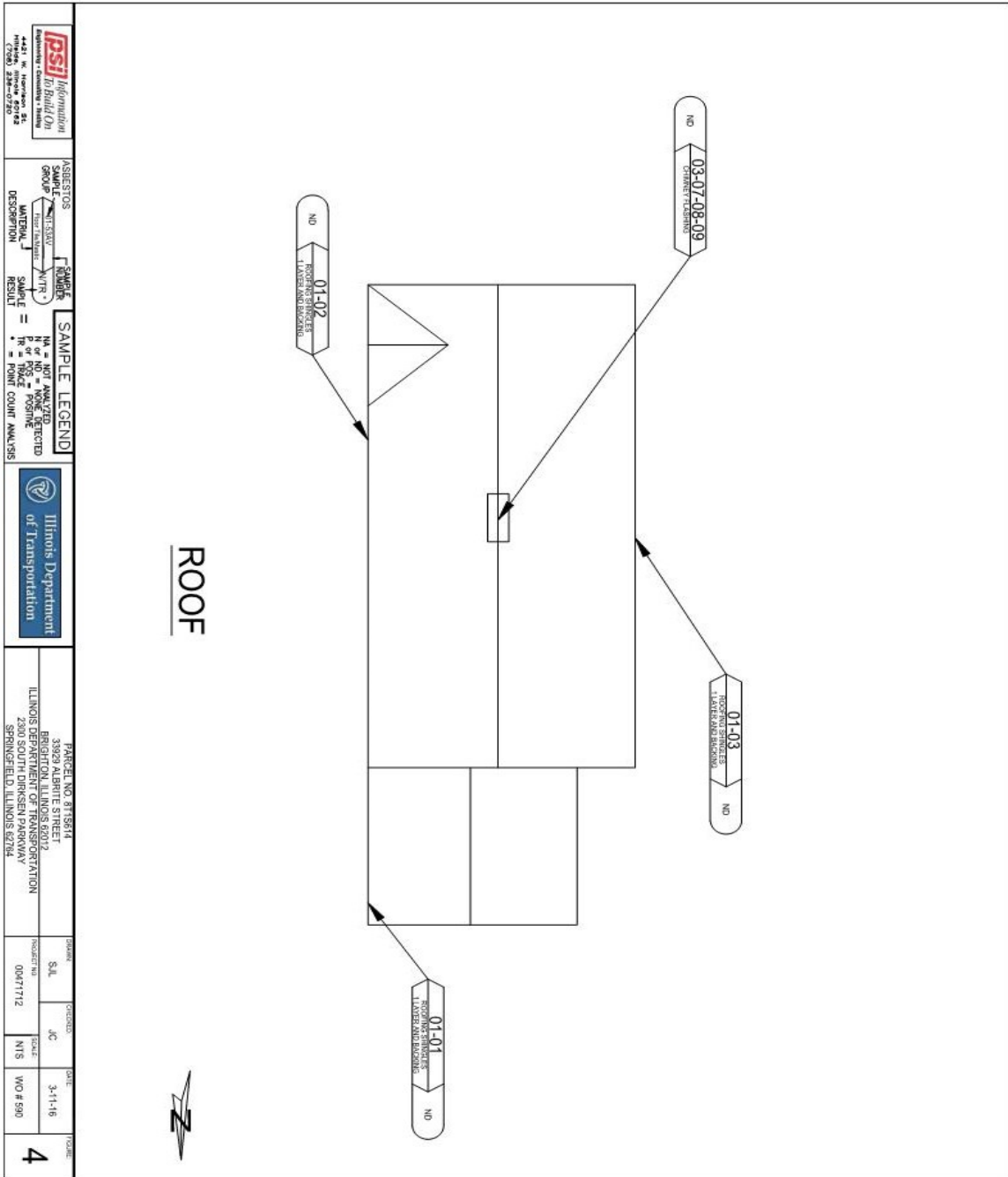
¹ F = Friable; NF = Nonfriable Friability is further defined in section 4.
² Cond. = Condition Of Materials Either good, fair or poor.
³ ND = None Detected
 * Point Count Analysis



Added 4/7/16



Added 4/7/16



Added 4/7/16

BUILDING NO. 12 - NON-FRIABLE ASBESTOS ABATEMENT

SECTION 1
 1.1 Survey Summary Sheet

SITE INFORMATION:

Route:	<u>FAP 10A</u>	Address:	<u>33890 Woodgate Drive</u>
County:	<u>Jersey</u>	Address:	
IDOT Job No:	<u>R-98-002-14</u>	City, State Zip	<u>Brighton, Illinois 62012</u>
Section:	<u>129-R-2-HSR</u>	Property Type:	<u>Single Family Residence</u>
Parcel No:	<u>8T1S615</u>	Construction Date:	<u>1962</u>
IDOT Work Order No:	<u>591</u>	Building Size (sqft):	<u>1,100 SF</u>

Asbestos Containing Materials	
Survey Date	<u>March 10, 2016</u>
By Whom:	<u>PSI, Inc.</u> <u>Tom Novatka</u> <u>100-08002</u>
Firm	
Inspector	
IDPH License No.	
Results	
Number of Material Types Sampled:	<u>19</u>
Number of Samples Collected:	<u>59</u>
Number of Materials Testing Positive:	<u>7</u>
Was Friable ACM Found?	<u>No</u>
Were Roofing Materials Sampled?	<u>Yes</u>
Are There Unique State or Local Requirements?	<u>Yes</u>
Laboratory Utilized:	
Name:	<u>STAT Analysis Corporation</u>
Address:	<u>33890 Woodgate Drive</u> <u>Chicago, Illinois 62012</u>
Building Access Limitations:	
<u>None</u>	

SECTION 1
 1.2 Survey Summary & Results

ACM SURVEY RESULTS - Parcel No. 8T1S615
Single Family Residence
33890 Woodgate Drive
Brighton, Illinois 62012

The following homogeneous building material types were sampled as part of this survey and their results are summarized in the table below:

MTL #	MATERIAL DESCRIPTION	LOCATION	F/NF ¹	COND. ²	% ACM ³	# SAMPLES	QUANTITY (ENG/MET)
01	Roofing shingles with backing	Roof	NF	Good	ND/ND	3	1,700 SF 157.9 SM
02	Black sealant	Building, roof vents	NF	Good	5-10%	3	10 LF 3.0 LM
03	White caulking	Garage and rear door	NF	Good	1-5%	3	28 LF 8.5 LM
04	White window caulking	Building windows	NF	Good	1-5%	3	150 LF 45.7 LM
05	Roofing shingles	Storage shed	NF	Good	ND	3	210 SF 19.5 SM
06	White with square flower pattern vinyl sheet flooring	Top layer - Kitchen and rear entry	NF	Good	ND	3	165 SF 15.3 SM
07	Tan vinyl sheet flooring	Lower layer - Kitchen and rear entry	NF	Good	ND	3	165 SF 15.3 SM
08	12" x 12" white with square pattern self-stick vinyl floor tile	Top layer - Restroom	NF	Good	ND	3	40 SF 3.7 SM
09	White vinyl sheet flooring	Lower layer - Restroom	NF	Good	5-10%	3	40 SF 3.7 SM
10	Blue vinyl sheet flooring	Restroom, closet	NF	Good	5-10%	3	4 SF 0.4 SM
11	White with square and flower pattern vinyl sheet flooring	Front entrance	NF	Good	ND	3	15 SF 1.4 SM
12	Gypsum backing	Behind plaster walls and ceilings	F	Good	ND	3	4,400 SF 408.8 SM
13	Blown-in insulation	Attic and exterior walls	F	Good	ND	3	2,400 SF 223.0 SM
14	4" Black vinyl basecove/mastic	Kitchen	NF	Good	ND/ND	3	12 LF 3.7 LM

¹ F = Friable; NF = Nonfriable Friability is further defined in section 4.
² Cond. = Condition Of Materials Either good, fair or poor.
³ ND = None Detected
 * Point Count Analysis

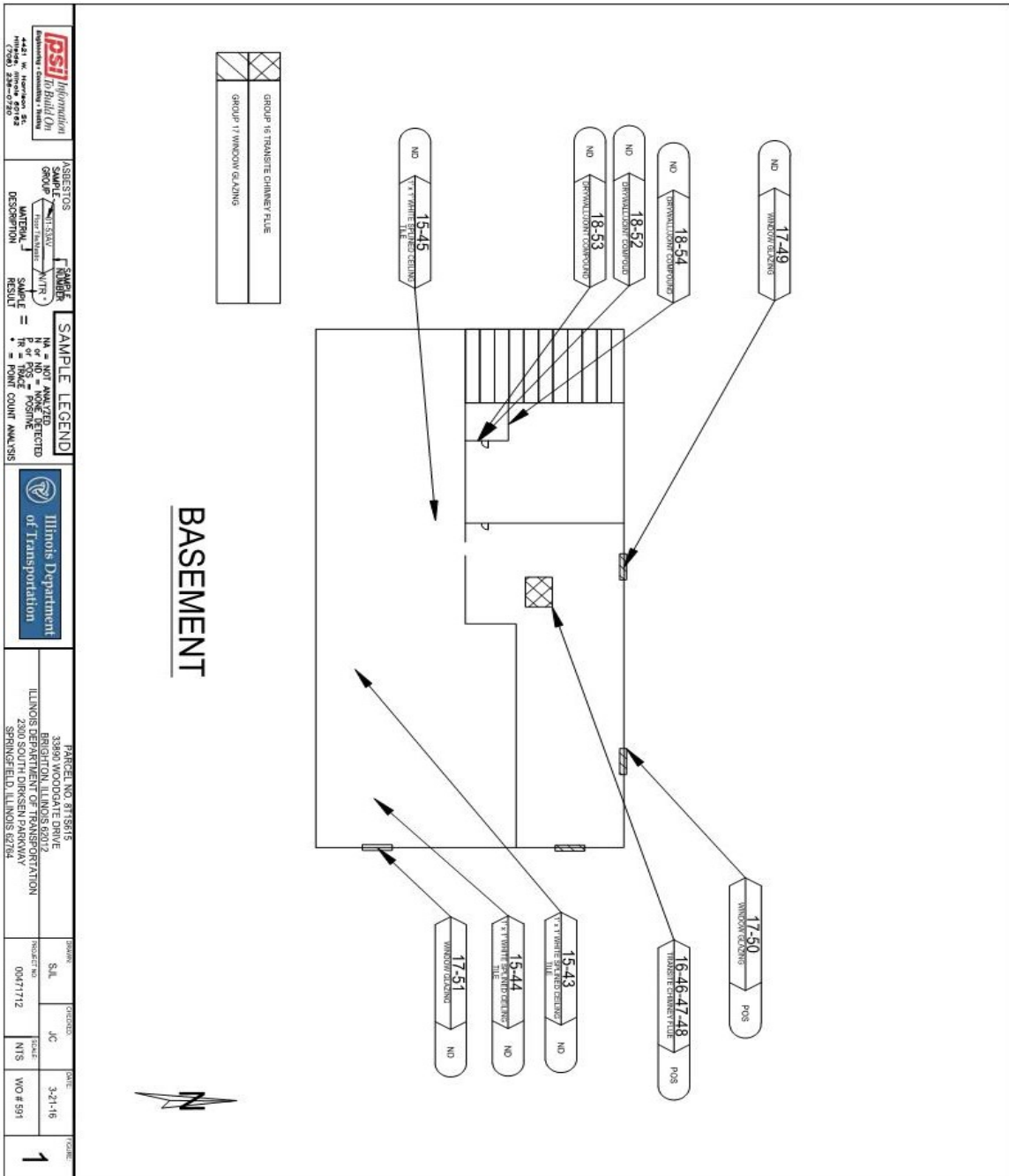
SECTION 1
 1.2 Survey Summary & Results

ACM SURVEY RESULTS - Parcel No. 8T1S615
Single Family Residence
33890 Woodgate Drive
Brighton, Illinois 62012

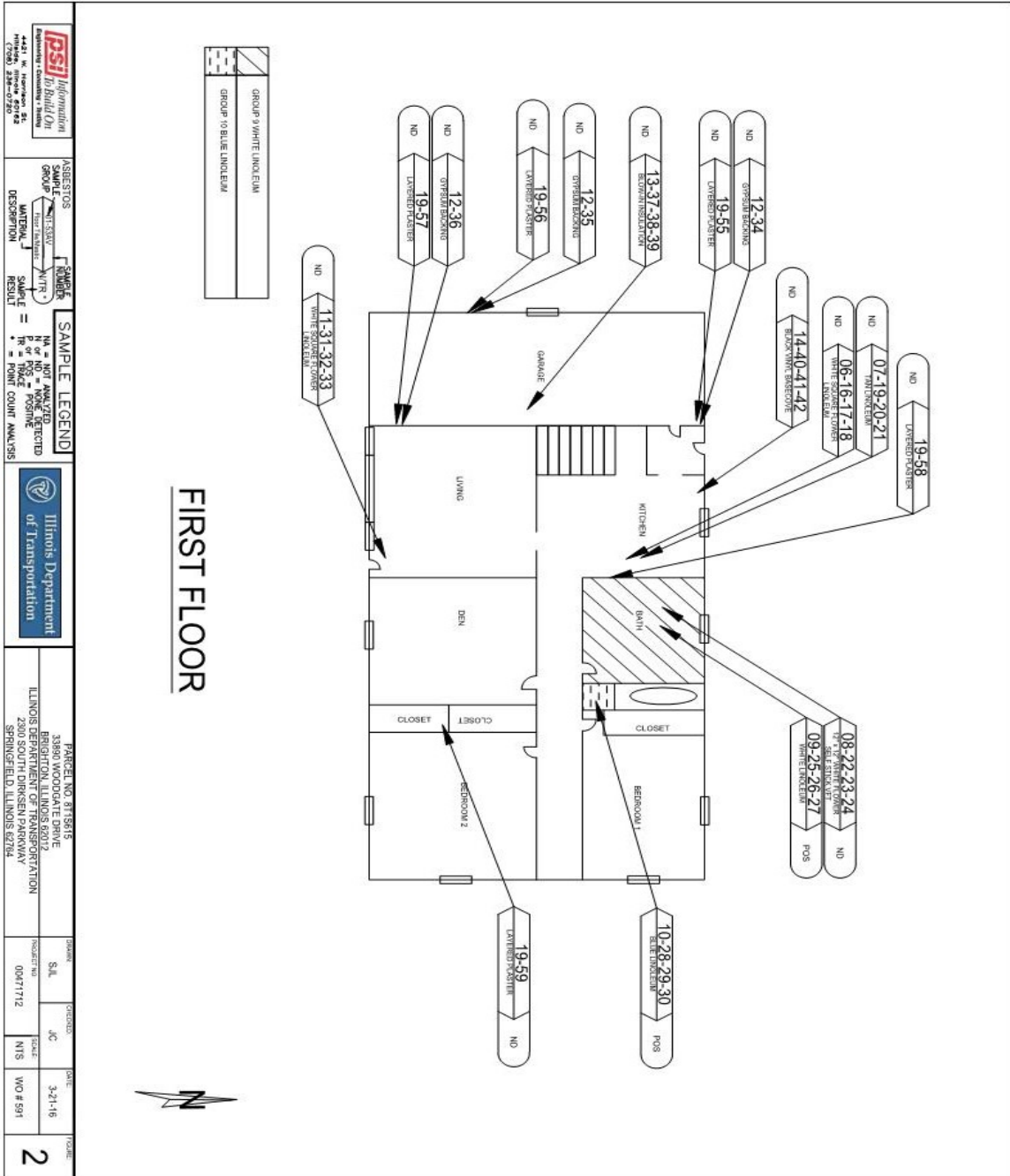
The following homogeneous building material types were sampled as part of this survey and their results are summarized in the table below:

MTL #	MATERIAL DESCRIPTION	LOCATION	F/NF ¹	COND. ²	% ACM ³	# SAMPLES	QUANTITY (ENG/MET)
15	1' x 1' white splined ceiling tile	Basement	F	Good	ND	3	435 SF 40.4 SM
16	6' transite chimney flue	Basement furnace vent up through attic	NF	Good	20-25%	3	12 LF 3.7 LM
17	Window glazing	Basement windows	NF	Good	1-5%	3	32 LF 9.89 LM
18	Drywall/joint compound	Basement closet	F	Good	ND/ND	3	245 SF 22.8 SM
19	Layered plaster	House and garage, ceiling and walls	NF	Good	ND	5	4,400 SF 408.8 SM
TOTAL QUANTITY OF ACM							232 LF 44 SF
ESTIMATED ABATEMENT COST							\$2,772.00

¹ F = Friable; NF = Nonfriable Friability is further defined in section 4.
² Cond. = Condition Of Materials Either good, fair or poor.
³ ND = None Detected
 * Point Count Analysis



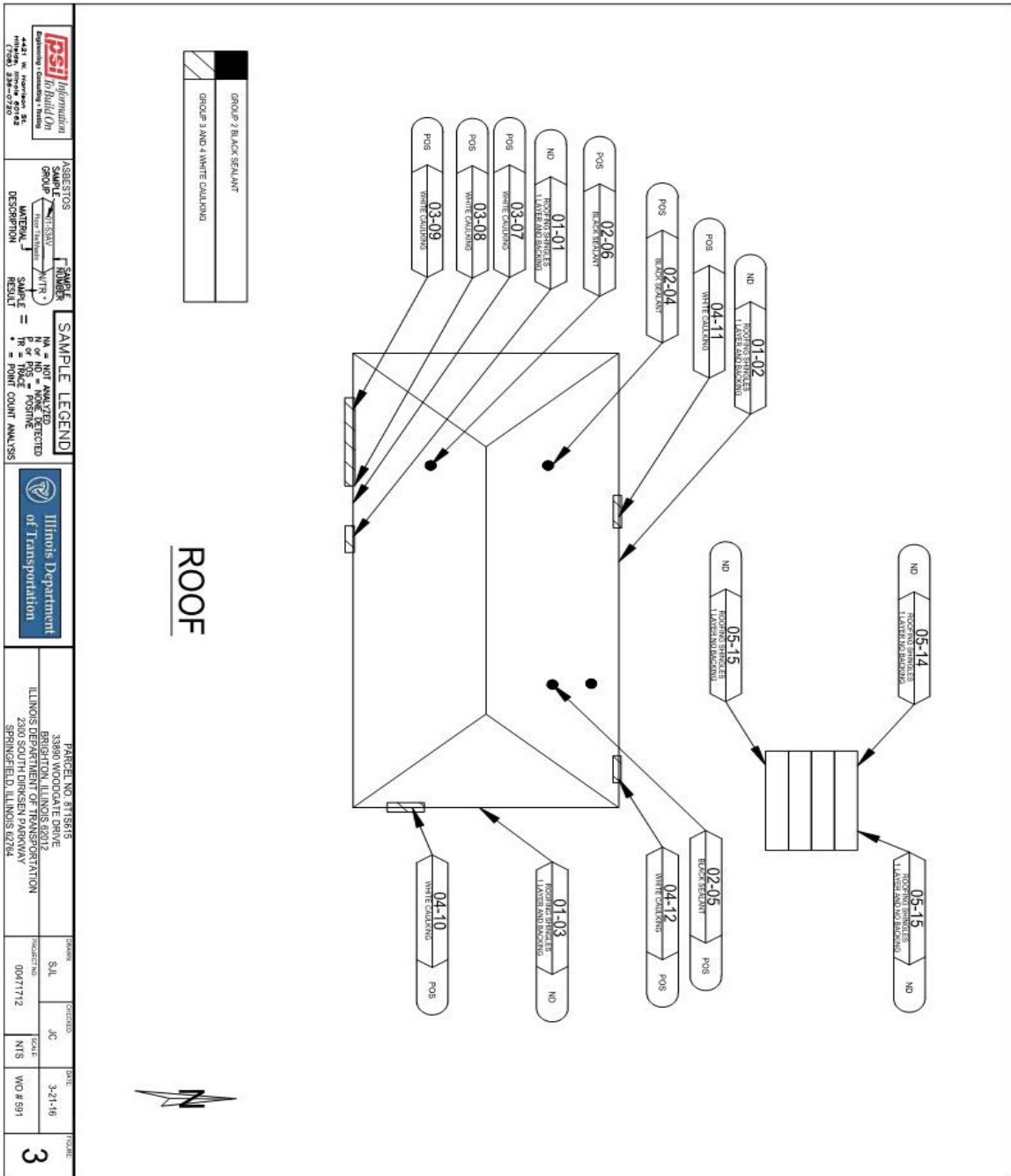
Added 4/7/16



FIRST FLOOR

Information Building On 4421 W. Harrison St. Chicago, IL 60641 (773) 238-0720		ASBESTOS SAMPLE GROUP: <input type="checkbox"/> MTL/SLV <input type="checkbox"/> VTR MATERIAL: <input type="checkbox"/> MTL/SLV <input type="checkbox"/> VTR DESCRIPTION: <input type="checkbox"/> MTL/SLV <input type="checkbox"/> VTR RESULT: <input type="checkbox"/> POSITIVE <input type="checkbox"/> NONE DETECTED	
SAMPLE LEGEND M = NOT ANALYZED H = NOT ANALYZED R = NOT ANALYZED P = POINT COUNT ANALYSIS		Illinois Department of Transportation	
PARCEL NO. 8175815 33890 WOODLAKE DRIVE SPRINGFIELD, ILLINOIS 62784 ILLINOIS DEPARTMENT OF TRANSPORTATION 2290 SOUTH DIRKSEN PARKWAY SPRINGFIELD, ILLINOIS 62784		DRAWN: S.L. CHECKED: J.C. DATE: 3-21-16	PROJECT NO: 00471712 MTS WO # 591
		TOTAL: 2	

Added 4/7/16



Added 4/7/16