

## **Section 906.02.FP-O, Flood Plain Overlay District.**

### **906.02.A. Purpose**

The purpose of the FP-O Flood Plain Overlay District is to reduce the potential for property damage and hazards to life caused by flooding. The regulations are intended to implement and ensure consistency with the Pennsylvania Flood Plain Management Act and the National Flood Insurance Program.

The intent of this section is to:

1. Promote the general health, welfare, and safety of the community.
2. Encourage the utilization of appropriate construction practices in order to prevent or minimize flood damage in the future.
3. Minimize danger to public health by protecting water supply and natural drainage.
4. Reduce financial burdens imposed on the community, its governmental units, and its residents, by preventing excessive development in areas subject to flooding.
5. Comply with federal and state floodplain management requirements.

### **906.02.B. Applicability**

It shall be unlawful for any person, partnership, business or corporation to undertake, or cause to be undertaken, any construction or development anywhere within the flood plain unless zoning approval has been obtained from the Zoning Administrator and a permit has been issued by the Bureau of Building Inspection.

### **906.02.C Warning and Disclaimer of Liability**

The degree of flood protection sought by the provisions of this section is considered reasonable for regulatory purposes and is based on accepted engineering methods of study. Larger floods may occur or flood heights may be increased by man-made or natural causes, such as ice jams and bridge openings restricted by debris. This chapter does not imply that areas outside any identified floodplain areas, or that land uses permitted within such areas will be free from flooding or flood damages.

This section shall not create liability on the part of the City or any officer or employee thereof for any flood damages that result from reliance on this section or any administrative decision lawfully made thereunder.

### **906.02.D Administration**

#### *906.02.D.1 Floodplain Administrator*

The Zoning Administrator is hereby appointed to administer and enforce this section. The Zoning Administrator may: (a) Fulfill the duties and responsibilities set forth in these regulations, (b) Delegate duties and responsibilities set forth in these regulations to qualified technical personnel, plan examiners, inspectors, and other employees, or (c) Enter into a written agreement or written contract with another agency or private sector entity to administer specific provisions of these regulations.

Administration of any part of these regulations by another entity shall not relieve the community of its responsibilities pursuant to the participation requirements of the National Flood Insurance Program as set forth in the Code of Federal Regulations at 44 C.F.R. Section 59.22.

*906.02.D.2 Approvals Required*

Approval from the Zoning Administrator shall be required before any construction or development as defined in Article IX is undertaken within the flood plain overlay. Additional permits may be required at the determination of the Zoning Administrator for items not traditionally needing a building or occupancy permit, which include, but may not be limited to parking of recreation vehicles and storage of equipment and materials.

*906.02.D.3 Duties and Responsibilities of the Zoning Administrator*

- (a) No approval shall be granted until it has been determined that the proposed work to be undertaken will be in conformance with the requirements of this and all other applicable codes and ordinances.
- (b) Prior to issuance of zoning approval, the Zoning Administrator shall review the application for the permit to determine if all other necessary government permits required by state and federal laws have been obtained, such as those required by the Pennsylvania Sewage Facilities Act (Act 1966-537, as amended); the Pennsylvania Dam Safety and Encroachments Act (Act 1978-325, as amended); the Pennsylvania Clean Streams Act (Act 1937-394, as amended); and the U.S. Clean Water Act, Section 404, 33, U.S.C. 1344. No zoning approval shall be issued until this determination has been made.
- (c) The Zoning Administrator shall maintain in perpetuity all records associated with the requirements of this section including, but not limited to, finished construction elevation data, permitting, inspection and enforcement.
- (d) The Zoning Administrator is the official responsible for submitting a biennial report to FEMA concerning community participation in the National Flood Insurance Program.
- (e) The responsibility, authority and means to implement the commitments of the Zoning Administrator can be delegated from the person identified. However, the ultimate responsibility lies with the Zoning Administrator.

- (f) The Zoning Administrator shall delegate the consideration of the requirements of the Building Code in accordance with Title 10 to the Building Code Official.

*906.02.D.4. Application Procedures and Requirements*

- (a) In addition to the information required to apply for Zoning Vouchers and Building Permits, if any proposed construction or development is located entirely or partially within any identified floodplain area, applicants shall provide all the necessary information in sufficient detail and clarity to enable the Zoning Administrator to determine that:
  - (1) all such proposals are consistent with the need to minimize flood damage and conform with the requirements of this and all other applicable codes and ordinances;
  - (2) all utilities and facilities, such as sewer, gas, electrical and water systems are located and constructed to minimize or eliminate flood damage;
  - (3) adequate drainage is provided so as to reduce exposure to flood hazards;
  - (4) structures will be anchored to prevent floatation, collapse, or lateral movement;
  - (5) building materials are flood-resistant;
  - (6) appropriate practices that minimize flood damage have been used; and
  - (7) electrical, heating, ventilation, plumbing, air conditioning equipment, and other service facilities have been designed and located to prevent water entry or accumulation.
- (b) Applicants shall file the following minimum information plus any other pertinent information as may be required by the Zoning Administrator to make the above determination:
  - (1) A completed application form, in writing and submitted to the Zoning Administrator. The application shall contain the following:
    - (i) Name and address of applicant;
    - (ii) Name and address of owner of land on which proposed construction is to occur;
    - (iii) Name and address of contractor;
    - (iv) Site location including address;

- (v) Listing of other permits required;
  - (vi) Brief description of proposed work and estimated cost, including a breakout of cost of proposed improvement and the market value of the building before the damage occurred where appropriate; and
  - (vii) A plan of the site showing the exact size and location of the proposed construction as well as any existing buildings or structures.
- (2) A plan of the entire site, clearly and legibly drawn at a scale of one (1) inch being equal to one hundred (100) feet or less, showing the following:
- (i) north arrow, scale, and date;
  - (ii) topographic contour lines;
  - (iii) the location of all existing and proposed buildings, structures, and other improvements, including the location of any existing or proposed subdivision and development;
  - (iv) the location of all existing streets, drives, and other access ways; and
  - (v) the location of any existing bodies of water or watercourses, identified floodplain areas, and, if available, information pertaining to the floodway, and the flow of water including direction and velocities.
- (3) Plans of all proposed buildings, structures and other improvements, drawn at suitable scale showing the following:
- (i) the proposed lowest floor elevation of any proposed building based upon North American Vertical Datum of 1988;
  - (ii) the elevation of the base flood; and
  - (iii) supplemental information as may be necessary under the Building Code in accordance with Title 10.
- (4) The following data and documentation:
- (i) if available, information concerning flood depths, pressures, velocities, impact and uplift forces and other factors associated with a base flood; and Floodway Area (See 906.02.E.2.a) when combined with all other existing and anticipated development, will not increase the base flood elevation at any point;
  - (ii) documentation, certified by a registered professional engineer or architect, to show that the cumulative effect of any proposed

development within an AE Area/District without floodway (See Section 906.02.E.2.b) when combined with all other existing and anticipated development, will not increase the base flood elevation more than one (1) foot at any point within the community;

- (iii) a document, certified by a registered professional engineer or architect, which states that the proposed construction or development has been adequately designed to withstand the pressures, velocities, impact and uplift forces associated with the base flood. Such statement shall include a description of the type and extent of flood proofing measures which have been incorporated into the design of the structure and/or the development;
- (iv) detailed information needed to determine compliance with Section 906.02.F.3.f, Storage, and Section 906.02.F.4, Development Which May Endanger Human Life, including:
  - A. the amount, location and purpose of any materials or substances referred to in Sections 906.02.F.3.f. and 906.02.F.4 which are intended to be used, produced, stored or otherwise maintained on site;
  - B. a description of the safeguards incorporated into the design of the proposed structure to prevent leaks or spills of the dangerous materials or substances listed in 906.02.F.4 during a base flood;
- (v) the appropriate component of the Department of Environmental Protection's Planning Module for Land Development;
- (vi) where any excavation or grading is proposed, a plan meeting the requirements of the Department of Environmental Protection, to implement and maintain erosion and sedimentation control; and
- (vii) completed Elevation Certificate based on construction drawings.

#### *906.02. D.5 Review of Application by Others*

A copy of all plans and applications for any proposed construction or development in any identified floodplain area to be considered for approval may be submitted by the Zoning Administrator to any other appropriate agencies and/or individuals (e.g. Planning Commission, etc.) for review and comment.

#### *906.02.D.6 Changes*

After approval is issued by the Zoning Administrator, no changes of any kind shall be made to the application, permit or any of the plans, specifications or other documents submitted with the application without the written consent or approval of the Zoning Administrator. Requests for any such change shall be in writing, and shall be submitted by the applicant to Zoning Administrator for consideration.

### **906.02.E Identification of Flood Plain Areas**

906.02.E.1 *Identification*

The identified floodplain area shall be:

- (a) any areas of City, classified as Special Flood Hazard Areas (SFHAs) in the Flood Insurance Study (FIS) and the accompanying Flood Insurance Rate Maps (FIRMs) dated September 26, 2014 and issued by the Federal Emergency Management Agency (FEMA) or the most recent revision thereof, including all digital data developed as part of the Flood Insurance Study, and
- (b) any Community Identified Flood Hazard Areas.

The above referenced FIS and FIRMs, and any subsequent revisions and amendments are hereby adopted by City and declared to be a part of this section.

906.02.E.2 *Description and Special Requirements of Identified Floodplain Areas*

The identified floodplain area shall consist of the following specific areas:

- (a) The Floodway Area shall be those areas identified in the FIS and the FIRM as floodway and which represent the channel of a watercourse and the adjacent land areas that must be reserved in order to discharge the base flood without increasing the water surface elevation by more than one (1) foot at any point. This term shall also include floodway areas which have been identified in other available studies or sources of information for those Special Flood Hazard Areas where no floodway has been identified in the FIS and FIRM.
  - (i) Within any floodway area, no encroachments, including fill, new construction, substantial improvements, or other development shall be permitted unless it has been demonstrated through hydrologic and hydraulic analysis performed in accordance with standard engineering practice that the proposed encroachment would not result in any increase in flood levels within the community during the occurrence of the base flood discharge.
  - (ii) Within any floodway area, no new construction or development shall be allowed, unless the appropriate permit is obtained from the Department of Environmental Protection Regional Office.
- (b) The AE Area/District shall be those areas identified as an AE Zone on the FIRM included in the FIS prepared by FEMA for which base flood elevations have been provided.
  - (i) The AE Area adjacent to the floodway shall be those areas identified as an AE Zone on the FIRM included in the FIS prepared by FEMA for which base flood elevations have been provided and a floodway has been delineated.
- (c) The A Area/District shall be those areas identified as an A Zone on the FIRM included in the FIS prepared by FEMA and for which no base flood elevations have been provided. For these areas, elevation and floodway information from other

Federal, State, or other acceptable sources shall be used when available. Where other acceptable information is not available, the base flood elevation shall be determined by using the elevation of a point on the boundary of the identified floodplain area which is nearest the construction site.

In lieu of the above, the municipality may require the applicant to determine the elevation with hydrologic and hydraulic engineering techniques. Hydrologic and hydraulic analyses shall be undertaken only by professional engineers or others of demonstrated qualifications, who shall certify that the technical methods used correctly reflect currently accepted technical concepts. Studies, analyses, computations, etc., shall be submitted in sufficient detail to allow a thorough technical review by the municipality.

- (d) Community Identified Flood Hazard Areas shall be those areas where the City has identified local flood hazard or ponding areas, as delineated and adopted on a “Local Flood Hazard Map” using best available topographic data and locally derived information such as flood of record, historic high water marks, soils or approximate study methodologies.

#### *906.02.E.3 Changes in Identification of Area*

The Identified Floodplain Area may be revised or modified by the City where studies or information provided by a qualified agency or person documents the need for such revision. However, prior to any such change to the Special Flood Hazard Area, approval must be obtained from FEMA. Additionally, as soon as practicable, but not later than six (6) months after the date such information becomes available, a community shall notify FEMA of the changes to the Special Flood Hazard Area by submitting technical or scientific data. See Section 906.02.F.1.b for situations where FEMA notification is required.

### **906.02.F Technical Provisions**

#### *906.02.F.1 General*

- (a) Alteration or Relocation of Watercourse

- (1) No encroachment, alteration, or improvement of any kind shall be made to any watercourse until all adjacent municipalities which may be affected by such action have been notified by the municipality, and until all required permits or approvals have first been obtained from the Department of Environmental Protection Regional Office.
- (2) No encroachment, alteration, or improvement of any kind shall be made to any watercourse unless it can be shown that the activity will not reduce or impede the flood carrying capacity of the watercourse in any way.
- (3) In addition, FEMA and the Pennsylvania Department of Community and Economic Development, shall be notified prior to any alteration or relocation of any watercourse.

- (b) When the following encroachments are permitted: any development that causes a rise in the base flood elevations within the floodway; any development occurring in Zones A1-30 and Zone AE without a designated floodway, which will cause a rise of more than one foot in the base flood elevation; or alteration or relocation of a stream (including but not limited to installing culverts and bridges), the Applicant shall (as per 44 CFR Part 65.12):
- (1) apply to FEMA for conditional approval of such action prior to permitting the encroachments to occur.
  - (2) Upon receipt of the Administrator's conditional approval of map change and prior to approving the proposed encroachments, the City shall provide evidence to FEMA of the adoption of floodplain management ordinances incorporating the increased base flood elevations and / or revised floodway reflecting the post-project condition.
  - (3) Upon completion of the proposed encroachments, the City shall provide as-built certifications. FEMA will initiate a final map revision upon receipt of such certifications in accordance with 44 CFR Part 67.
- (c) Any new construction, development, uses or activities allowed within any identified floodplain area shall be undertaken in strict compliance with the provisions contained in this section and any other applicable codes, ordinances and regulations.

*906.02.F.2 Elevation and Floodproofing Requirements*

(a) Residential Structures

- (1) In AE, A1-30, and AH Zones, any new construction or substantial improvement shall have the lowest floor (including basement) elevated up to, or above, the regulatory flood elevation as defined in Section 906.02.J.
- (2) In A Zones, where there are no Base Flood Elevations specified on the FIRM, any new construction or substantial improvement shall have the lowest floor (including basement) elevated up to, or above, the regulatory flood elevation determined in accordance with Section 906.02.E.2.b.
- (3) The design and construction standards and specifications contained in the Building Code in accordance with Title 10 and ASCE 24 shall be utilized, where they are more restrictive.

(b) Non-residential Structures

- (1) In AE, A1-30 and AH Zones, any new construction or substantial improvement of a non-residential structure shall have the lowest floor (including basement) elevated up to, or above, the regulatory flood elevation, or be designed and constructed so that the space enclosed below the regulatory flood elevation:

- (i) is floodproofed so that the structure is watertight with walls substantially impermeable to the passage of water and,
    - (ii) has structural components with the capability of resisting hydrostatic and hydrodynamic loads and effects of buoyancy.
  - (2) In A Zones, where there no Base Flood Elevations are specified on the FIRM, any new construction or substantial improvement shall have the lowest floor (including basement) elevated or completely floodproofed up to, or above, the regulatory flood elevation determined in accordance with Section 906.02.E.2.c.
  - (3) Any non-residential structure, or part thereof, made watertight below the regulatory flood elevation shall be floodproofed in accordance with the WI or W2 space classification standards contained in the publication entitled "Flood-Proofing Regulations" published by the U.S. Army Corps of Engineers (June 1972, as amended March 1992) or with some other equivalent standard. All plans and specifications for such floodproofing shall be accompanied by a statement certified by a registered professional engineer or architect which states that the proposed design and methods of construction are in conformance with the above referenced standards.
  - (4) The design and construction standards and specifications contained Building Code in accordance with Title 10 and ASCE 24 shall be utilized, where they are more restrictive.
- (c) Space below the lowest floor
- (1) Fully enclosed space below the lowest floor (excluding basements) which will be used solely for the parking of a vehicle, building access, or incidental storage in an area other than a basement, shall be designed and constructed to allow for the automatic entry and exit of flood waters for the purpose of equalizing hydrostatic forces on exterior walls. The term "fully enclosed space" also includes crawl spaces.
  - (2) Designs for meeting this requirement must either be certified by a registered professional engineer or architect, or meet or exceed the following minimum criteria:
    - (i) a minimum of two openings having a net total area of not less than one (1) square inch for every square foot of enclosed space.
    - (ii) the bottom of all openings shall be no higher than one (1) foot above grade.
    - (iii) openings may be equipped with screens, louvers, or other coverings or

devices provided that they permit the automatic entry and exit of floodwaters.

(d) Historic Structures

Historic structures as defined in Section 906.02.J undergoing repair or rehabilitation that would constitute a substantial improvement as defined in this section, must comply with all requirements in this section that do not preclude the structure's continued designation as a historic structure. Documentation that a specific section requirement will cause removal of the structure from the National Register of Historic Places or the State Inventory of Historic places must be obtained from the Secretary of the Interior or the State Historic Preservation Officer. Any exemption from Code requirements will be the minimum necessary to preserve the historic character and design of the structure.

(e) Accessory structures

Structures accessory to a principal building need not be elevated or floodproofed to remain dry, but shall comply, at a minimum, with the following requirements:

- (1) the structure shall not be designed or used for human habitation, but shall be limited to the parking of vehicles, or to the storage of tools, material, and equipment related to the principal use or activity;
- (2) floor area shall not exceed 200 square feet;
- (3) the structure will have a low damage potential;
- (4) the structure will be located on the site so as to cause the least obstruction to the flow of flood waters;
- (5) power lines, wiring, and outlets will be elevated to the regulatory flood elevation;
- (6) permanently affixed utility equipment and appliances such as furnaces, heaters, washers, dryers, etc. are prohibited;
- (7) sanitary facilities are prohibited; and
- (8) the structure shall be adequately anchored to prevent flotation, collapse, and lateral movement and shall be designed to automatically provide for the entry and exit of floodwater for the purpose of equalizing hydrostatic forces on the walls. Designs for meeting this requirement must either be certified by a registered professional engineer or architect, or meet or exceed the following minimum criteria:
  - (i) a minimum of two openings having a net total area of not less than one (1) square inch for every square foot of enclosed space.
  - (ii) the bottom of all openings shall be no higher than one (1) foot above grade.

- (iii) openings may be equipped with screens, louvers, etc. or other coverings or devices provided that they permit the automatic entry and exit of flood waters.

*906.02.F.3 Design and Construction Standards*

The following minimum standards shall apply for all construction and development proposed within any identified floodplain area:

(a) Fill

If fill is used, it shall:

- (1) extend laterally at least fifteen (15) feet beyond the building line from all points;
- (2) consist of soil or small rock materials only - Sanitary Landfills shall not be permitted;
- (3) be compacted to provide the necessary permeability and resistance to erosion, scouring, or settling;
- (4) be no steeper than one (1) vertical to two (2) horizontal feet unless substantiated data justifying steeper slopes are submitted to, and approved by the Floodplain Administrator; and
- (5) be used to the extent to which it does not adversely affect adjacent properties.

(b) Drainage Facilities

Storm drainage facilities shall be designed to convey the flow of storm water runoff in a safe and efficient manner. The system shall ensure proper drainage along streets, and provide positive drainage away from buildings. The system shall also be designed to prevent the discharge of excess runoff onto adjacent properties.

(c) Water and Sanitary Sewer Facilities and Systems

- (1) All new or replacement water supply and sanitary sewer facilities and systems shall be located, designed and constructed to minimize or eliminate flood damages and the infiltration of flood waters.
- (2) Sanitary sewer facilities and systems shall be designed to prevent the discharge of untreated sewage into flood waters.
- (3) No part of any on-site waste disposal system shall be located within any identified floodplain area except in strict compliance with all State and local regulations for such systems. If any such system is permitted, it shall be

located so as to avoid impairment to it, or contamination from it, during a flood.

- (4) The design and construction provisions of the UCC and FEMA #348, "Protecting Building Utilities From Flood Damages" and "The International Private Sewage Disposal Code" shall be utilized.

(d) Other Utilities

All other utilities such as gas lines, electrical and telephone systems shall be located, elevated (where possible) and constructed to minimize the chance of impairment during a flood.

(e) Streets

The finished elevation of all new streets shall be no more than one (1) foot below the Regulatory Flood Elevation.

(f) Storage

All materials that are buoyant, flammable, explosive, or in times of flooding, could be injurious to human, animal, or plant life, and not listed in Section 906.02.F.4, Development Which May Endanger Human Life, shall be stored at or above the Regulatory Flood Elevation or floodproofed to the maximum extent possible.

(g) Placement of Buildings and Structures

All buildings and structures shall be designed, located, and constructed so as to offer the minimum obstruction to the flow of water and shall be designed to have a minimum effect upon the flow and height of flood water.

(h) Anchoring

- (1) All buildings and structures shall be firmly anchored in accordance with accepted engineering practices to prevent flotation, collapse, or lateral movement.
- (2) All air ducts, large pipes, storage tanks, and other similar objects or components located below the regulatory flood elevation shall be securely anchored or affixed.

(i) Floors, Walls, and Ceilings

- (1) Wood flooring used at or below the Regulatory Flood Elevation shall be installed to accommodate a lateral expansion of the flooring, perpendicular to the flooring grain without causing structural damage to the building.
- (2) Plywood used at or below the regulatory flood elevation shall be of a "marine" or "water-resistant" variety.

(3) Walls and ceilings at or below the regulatory flood elevation shall be designed and constructed of materials that are "water-resistant" and will withstand inundation.

(4) Windows, doors, and other components at or below the regulatory flood elevation shall be made of metal or other "water-resistant" material.

(j) Paints and Adhesives

(1) Paints and other finishes used at or below the regulatory flood elevation shall be of "marine" or "water-resistant" quality.

(2) Adhesives used at or below the regulatory flood elevation shall be of a "marine" or "water-resistant" variety.

(3) All wooden components (doors, trim, cabinets, etc.) used at or below the regulatory flood elevation shall be finished with a "marine" or "water-resistant" paint or other finishing material.

(k) Electrical Components

(1) Electrical distribution panels shall be at least three (3) feet above the base flood elevation.

(2) Separate electrical circuits shall serve lower levels and shall be dropped from above.

(l) Equipment

Water heaters, furnaces, air conditioning and ventilating units, and other electrical, mechanical or utility equipment or apparatus shall not be located below the regulatory flood elevation.

(m) Fuel Supply Systems

All gas and oil supply systems shall be designed to prevent the infiltration of flood waters into the system and discharges from the system into flood waters. Additional provisions shall be made for the drainage of these systems in the event that flood water infiltration occurs.

(n) Building Code Coordination

The Standards and Specifications contained Title 10- Building, including adoption of the Uniform Construction Code 34 PA Code (Chapters 401-405), as amended and not limited to the following provisions shall apply to the above and other sections and sub-sections of this section, to the extent that they are more restrictive and supplement the requirements of this section.

International Building Code (IBC) 2009 or the latest edition thereof: Secs. 801, 1202, 1403, 1603, 1605, 1612, 3402, and Appendix G.

International Residential Building Code (IRC) 2009 or the latest edition thereof: Secs. R104, R105, R109, R322, Appendix E, and Appendix J.

*906.02.F.4 Development Which May Endanger Human Life*

- (a) In accordance with the Pennsylvania Flood Plain Management Act, and the regulations adopted by the Department of Community and Economic Development as required by the Act, any new or substantially improved structure which:
- (1) will be used for the production or storage of any of the following dangerous materials or substances; or,
  - (2) will be used for any activity requiring the maintenance of a supply of more than 550 gallons, or other comparable volume, of any of the following dangerous materials or substances on the premises; or,
  - (3) will involve the production, storage, or use of any amount of radioactive substances;

shall be subject to the provisions of this section, in addition to all other applicable provisions. The following list of materials and substances are considered dangerous to human life:

- Acetone
- Ammonia
- Benzene
- Calcium carbide
- Carbon disulfide
- Celluloid
- Chlorine
- Hydrochloric acid
- Hydrocyanic acid
- Magnesium
- Nitric acid and oxides of nitrogen
- Petroleum products (gasoline, fuel oil, etc.)
- Phosphorus
- Potassium
- Sodium
- Sulphur and sulphur products
- Pesticides (including insecticides, fungicides, and rodenticides)
- Radioactive substances, insofar as such substances are not otherwise regulated.

- (b) Within any Floodway Area, any structure of the kind described in Subsection A.,

above, shall be prohibited. Where permitted within any Identified Floodplain Area, any new or substantially improved residential structure of the kind described in Section 906.02.F.4.a above, shall be elevated to remain completely dry up to at least one and one half (1 ½) feet above base flood elevation and built in accordance with Sections 906.02.F.1, 906.02.F.2, and 906.02.F.3.

(c) Where permitted within any Identified Floodplain Area, any new or substantially improved non-residential structure of the kind described in Section 906.02.F.4 above, shall be built in accordance with Sections 906.02.F.1, 906.02.F.2, and 906.02.F.3 including:

- (1) elevated, or designed and constructed to remain completely dry up to at least one and one half (1 ½) feet above base flood elevation, and
- (2) designed to prevent pollution from the structure or activity during the course of a base flood.

Any such structure, or part thereof, that will be built below the regulatory flood elevation shall be designed and constructed in accordance with the standards for completely dry floodproofing contained in the publication "Flood-Proofing Regulations (U.S. Army Corps of Engineers, June 1972 as amended March 1992), or with some other equivalent watertight standard.

*906.02.F.5 Special Requirements for Subdivisions and Development*

All subdivision proposals and development proposals containing at least 50 lots or at least 5 acres, whichever is the lesser, in Identified Floodplain Areas where base flood elevation data are not available, shall be supported by hydrologic and hydraulic engineering analyses that determine base flood elevations and floodway information. The analyses shall be prepared by a licensed professional engineer in a format required by FEMA for a Conditional Letter of Map Revision and Letter of Map Revision. Submittal requirements and processing fees shall be the responsibility of the applicant.

*906.02.F.6 Special Requirements for Manufactured Homes*

- (a) Within any Floodway Area/District, manufactured homes shall be prohibited. If a variance is obtained in accordance with the criteria in Section 906.02.I, then the following provisions apply:
- (b) Where permitted within any Identified Floodplain Area, all manufactured homes, and any improvements thereto, shall be:
  - (1) placed on a permanent foundation;
  - (2) elevated so that the lowest floor of the manufactured home is at least one and one half (1 ½) feet above base flood elevation;
  - (3) anchored to resist flotation, collapse, or lateral movement; and

- (4) have all ductwork and utilities including HVAC/heat pump elevated to the Regulatory Flood Elevation.
- (c) Installation of manufactured homes shall be done in accordance with the manufacturers' installation instructions as provided by the manufacturer. Where the applicant cannot provide the above information, the requirements of Appendix E of the 2009 "International Residential Building Code" or the "U.S. Department of Housing and Urban Development's Permanent Foundations for Manufactured Housing," 1984 Edition, draft or latest revision thereto and 34 PA Code Chapter 401-405 shall apply.
- (d) Consideration shall be given to the installation requirements of the Building Code, as prescribed in Title 10- Building, as amended where appropriate and/or applicable to units where the manufacturers' standards for anchoring cannot be provided or were not established for the proposed unit(s) installation.

*906.02.F.7 Special Requirements for Recreational Vehicles*

Recreational vehicles in Zones A, A1-30, AH and AE must either:

- (a) be on the site for fewer than 180 consecutive days, and
- (b) be fully licensed and ready for highway use, or
- (c) meet the permit requirements for manufactured homes in Section 906.02.F.6.

**906.02.G Activities Requiring Special Permits**

*906.02.G.1 General*

In accordance with the administrative regulations promulgated by the Department of Community and Economic Development to implement the Pennsylvania Flood Plain Management Act, the following activities shall be prohibited within any Identified Floodplain Area unless a Special Permit has been issued by the City.

- (a) The commencement of any of the following activities; or the construction, enlargement, or expansion of any structure used, or intended to be used, for any of the following activities:
  - (1) Hospitals
  - (2) Nursing homes (which include Assisted Living facilities, Housing for the Elderly, Personal Care Residences, Community Home, or other uses as determined by the Zoning Administrator)
  - (3) Correctional Facilities

906.02.G.2 *Application Requirements for Special Permits*

Applicants for Special Permits shall provide five copies of the following items:

- (a) A completed Application as prescribed by the Zoning Administrator.
- (b) A small scale map showing the vicinity in which the proposed site is located.
- (c) Detailed Site Plan of the entire site that meets the requirements of Section 922.01.D.2 A, clearly and legibly drawn at a scale of one (1) inch being equal to one hundred (100) feet or less, showing the following:
  - (1) topography based upon the North American Vertical Datum (NAVD) of 1988, showing existing and proposed contours at intervals of two (2) feet;
  - (2) the location of all existing streets, drives, other access ways, and parking areas, with information concerning widths, pavement types and construction, and elevations;
  - (3) the location of any existing bodies of water or watercourses, buildings, structures and other public or private facilities, including railroad tracks and facilities, and any other natural and man-made features affecting, or affected by, the proposed activity or development;
  - (3) the location of the floodplain boundary line, information and spot elevations concerning the base flood elevation, and information concerning the flow of water including direction and velocities;
  - (4) the location of all proposed buildings, structures, utilities, and any other improvements; and
  - (5) any other information which the municipality considers necessary for adequate review of the application.
- (d) Plans of all proposed buildings, structures and other improvements, clearly and legibly drawn at suitable scale showing the following:
  - (1) sufficiently detailed architectural or engineering drawings, including floor plans, sections, and exterior building elevations, as appropriate;
  - (2) for any proposed building, the elevation of the lowest floor (including basement) and, as required, the elevation of any other floor;
  - (3) complete information concerning flood depths, pressures, velocities, impact and uplift forces, and other factors associated with the base flood;
  - (4) detailed information concerning any proposed floodproofing measures;

- (5) cross section drawings for all proposed streets, drives, other accessways, and parking areas, showing all rights-of-way and pavement widths;
  - (6) profile drawings for all proposed streets, drives, and vehicular accessways including existing and proposed grades; and
  - (7) plans and profiles of all proposed sanitary and storm sewer systems, water supply systems, and any other utilities and facilities.
- (e) The following data and documentation:
- (1) certification from a registered professional engineer, architect, or landscape architect that the proposed construction has been adequately designed to protect against damage from the base flood;
  - (2) a statement, certified by a registered professional engineer, architect, landscape architect, or other qualified person which contains a complete and accurate description of the nature and extent of pollution that might possibly occur from the development during the course of a base flood, including a statement concerning the effects such pollution may have on human life;
  - (3) a statement certified by a registered professional engineer, architect, or landscape architect, which contains a complete and accurate description of the effects the proposed development will have on base flood elevation and flows;
  - (4) a statement, certified by a registered professional engineer, architect, or landscape architect, which contains a complete and accurate description of the kinds and amounts of any loose buoyant materials or debris that may possibly exist or be located on the site below the base flood elevation and the effects such materials and debris may have on base flood elevation and flows;
  - (5) the appropriate component of the Department of Environmental Protection's "Planning Module for Land Development;"
  - (6) where any excavation or grading is proposed, a plan meeting the requirements of the Department of Environmental Protection to implement and maintain erosion and sedimentation control;
  - (7) any other applicable permits such as, but not limited to, a permit for any activity regulated by the Department of Environmental Protection under Section 302 of Act 1978-166; and
  - (8) an evacuation plan which fully explains the manner in which the site will be safely evacuated before or during the course of a base flood.

*906.02.G.3 Application Review Procedures*

Upon the Zoning Administrator's receipt of an application for a Special Permit the following procedures shall apply in addition to those of Section 906.02.D:

- (a) Promptly upon determining that an application is complete, the Zoning Administrator shall schedule a public hearing before the Planning Commission and notify the applicant of the hearing date. The application shall be reviewed as a Project Development Plan as per section 922.10 except that the criteria for review shall be provisions 906.02.F of this section.
- (b) If the Planning Commission and/or City approves an application, it shall file written notification, together with the application and all pertinent information, with the Department of Community and Economic Development, by registered or certified mail, within five (5) working days after the date of approval.
- (c) Before issuing the Special Permit, the Zoning Administrator shall allow the Department of Community and Economic Development thirty (30) days, after receipt of the notification by the Department, to review the application and decision made by Council.
- (d) If the Zoning Administrator does not receive any communication from the Department of Community and Economic Development during the thirty (30) day review period, it may issue a Special Permit to the applicant.
- (e) If the Department of Community and Economic Development should decide to disapprove an application, it shall notify the Zoning Administrator and the applicant, in writing, of the reasons for the disapproval, and the Zoning Administrator shall not issue the Special Permit.

*906.02.G.4 Special Technical Requirements*

- (a) In addition to the requirements of Section 906.02.F, the following minimum requirements shall also apply to any proposed development requiring a Special Permit. If there is any conflict between any of the following requirements and those in Section 906.02.F or in any other code, ordinance, or regulation, the more restrictive provision shall apply.
- (b) No application for a Special Permit shall be approved unless it can be determined that the structure or activity will be located, constructed and maintained in a manner which will:
  - (1) Fully protect the health and safety of the general public and any occupants of the structure. At a minimum, all new structures shall be designed, located, and constructed so that:
    - (i) the structure will survive inundation by waters of the base flood without any lateral movement or damage to either the structure itself, or to any of its equipment or contents below the BFE.
    - (ii) the lowest floor (including basement) will be elevated to at least one and one half (1 ½) feet above base flood elevation.

(iii)the occupants of the structure can remain inside for an indefinite period of time and be safely evacuated at any time during the base flood.

(2) Prevent any significant possibility of pollution, increased flood levels or flows, or debris endangering life and property.

(c) All hydrologic and hydraulic analyses shall be undertaken only by professional engineers or others of demonstrated qualifications, who shall certify that the technical methods used correctly reflect currently accepted technical concepts. Studies, analyses, computations, etc. shall be submitted in sufficient detail to allow a thorough technical review by the Zoning Administrator, Planning Commission, and the Department of Community and Economic Development.

## **906.02.H Existing Structures In Identified Floodplain Areas**

### *906.02.H.1 Existing Structures*

The provisions of this section do not require any changes or improvements to be made to lawfully existing structures. However, when an improvement is made to any existing structure, the provisions of Section 906.02.H.2 shall apply.

### *906.02.H.2 Improvements*

The following provisions shall apply whenever any improvement is made to an existing structure located within any Identified Floodplain Area:

- (a) No expansion or enlargement of an existing structure shall be allowed within any Floodway Area/District that would cause any increase in BFE.
- (b) No expansion or enlargement of an existing structure shall be allowed within AE Area/District without floodway that would, together with all other existing and anticipated development, increase the BFE more than one (1) foot at any point.
- (c) Any modification, alteration, reconstruction, or improvement of any kind to an existing structure to an extent or amount of fifty (50) percent or more of its market value, shall constitute a substantial improvement and shall be undertaken only in full compliance with the provisions of this section .
- (d) The above activity shall also address the requirements of the Building Code, as prescribed in Title 10 – Building.

## **906.02.I Variances**

### *906.02.I.1 Variance Procedures and Conditions*

Requests for variances shall be considered by the Zoning Board of Adjustment in accordance with the procedures contained in Section 922.09 and the following:

- (a) No variance shall be granted for any construction, development, use, or activity within any Floodway Area/District that would cause any increase in the BFE.
- (b) No variance shall be granted for any construction, development, use, or activity within any AE Area/District without floodway that would, together with all other existing and anticipated development, increase the BFE more than one (1) foot at any point.
- (c) Except for a possible modification of the regulatory flood elevation requirement involved, no variance shall be granted for any of the other requirements pertaining specifically to development regulated by Special Permit (or Prohibited Activities) (906.02.G) or to Development Which May Endanger Human Life (Section 906.02.F.4).
- (d) In reviewing any request for a variance, in addition to the considerations of Section 922.09.E., the Zoning Board of Adjustment shall consider, that the granting of the variance will:
  - (1) neither result in an unacceptable or prohibited increase in flood heights, additional threats to public safety, or extraordinary public expense,
  - (2) nor create nuisances, cause fraud on, or victimize the public, or conflict with any other applicable state or local ordinances and regulations
- (e) Whenever a variance is granted, the Zoning Board of Adjustment shall notify the applicant in writing that:
  - (1) The granting of the variance may result in increased premium rates for flood insurance.
  - (2) Such variances may increase the risks to life and property.
- (f) A complete record of all variance requests and related actions shall be maintained by the Zoning Administrator. In addition, a report of all variances granted during the year shall be included in the annual report to the FEMA.

Notwithstanding any of the above, however, all structures shall be designed and constructed so as to have the capability of resisting the one-percent (1%) annual chance flood.

**906.02.J Definitions**

*906.02.J.1 General*

Unless specifically defined below, words and phrases used in this section shall be interpreted in accordance with Section 926.

906.02.J.2 *Specific Definitions*

- (a) **Base flood** means a flood which has a one percent chance of being equaled or exceeded in any given year (also called the "100-year flood" or one-percent (1%) annual chance flood).
- (b) **Base flood discharge** means the volume of water resulting from a Base Flood as it passes a given location within a given time, usually expressed in cubic feet per second (cfs).
- (c) **Base flood elevation (BFE)** means the elevation shown on the Flood Insurance Rate Map (FIRM) for Zones AE, AH, A1-30 that indicates the water surface elevation resulting from a flood that has a 1-percent or greater chance of being equaled or exceeded in any given year.
- (d) **Basement** means any area of the building having its floor below ground level on all sides.
- (e) **Building** means a combination of materials to form a permanent structure having walls and a roof. Included shall be all manufactured homes and trailers to be used for human habitation.
- (f) **Development** means any man-made change to improved or unimproved real estate, including but not limited to the construction, reconstruction, renovation, repair, expansion, or alteration of buildings or other structures; the placement of manufactured homes; streets, and other paving; utilities; filling, grading and excavation; mining; dredging; drilling operations; storage of equipment or materials; and the subdivision of land.
- (g) **Existing manufactured home park or subdivision** means a manufactured home park or subdivision for which the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including, at a minimum, the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads) is completed before the effective date of the floodplain management regulations adopted by a community.
- (h) **Expansion to an existing manufactured home park or subdivision** means the preparation of additional sites by the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads).
- (i) **Flood** means a temporary inundation of normally dry land areas.
- (j) **Flood Insurance Rate Map (FIRM)** means the official map on which the Federal Emergency Management Agency has delineated both the areas of special flood hazards and the risk premium zones applicable to the community.

- (k) **Flood Insurance Study (FIS)** means the official report provided by the Federal Emergency Management Agency that includes flood profiles, the Flood Insurance Rate Map, the Flood Boundary and Floodway Map, and the water surface elevation of the base flood.
- (l) **Floodplain Area** means a relatively flat or low land area which is subject to partial or complete inundation from an adjoining or nearby stream, river or watercourse; and/or any area subject to the unusual and rapid accumulation of surface waters from any source.
- (m) **Floodproofing** means any combination of structural and nonstructural additions, changes, or adjustments to structures which reduce or eliminate flood damage to real estate or improved real property, water and sanitary facilities, structures and their contents.
- (n) **Floodway** means the channel of a river or other watercourse and the adjacent land areas that must be reserved in order to discharge the base flood without cumulatively increasing the water surface elevation more than one foot.
- (o) **Highest Adjacent Grade** means the highest natural elevation of the ground surface prior to construction next to the proposed walls of a structure.
- (p) **Historic structure** means any structure that is:
- (1) Listed individually in the National Register of Historic Places (a listing maintained by the Department of Interior) or preliminarily determined by the Secretary of the Interior as meeting the requirements for individual listing on the National Register;
  - (2) Certified or preliminarily determined by the Secretary of the Interior as contributing to the historical significance of a registered historic district or a district preliminarily determined by the Secretary to qualify as a registered historic district;
  - (3) Individually listed on a state inventory of historic places in states which have been approved by the Secretary of the Interior; or
  - (4) Individually listed on a local inventory of historic places in communities with historic preservation that have been certified either:
    - (i) By an approved state program as determined by the Secretary of the Interior; or
    - (ii) Directly by the Secretary of the Interior in states without approved programs.
- (q) **Identified Floodplain Area** is an umbrella term that includes all of the areas within which the community has selected to enforce floodplain regulations. It

will always include the area identified as the Special Flood Hazard Area on the Flood Insurance Rate Maps and Flood Insurance Study, but may include additional areas identified by the community. See Sections 906.02.E.1 and 906.02.E.2 for the specifics on what areas the community has included in the Identified Floodplain Area.

- (r) **Lowest floor** means the lowest floor of the lowest fully enclosed area (including basement). An unfinished, flood resistant partially enclosed area, used solely for parking of vehicles, building access, and incidental storage, in an area other than a basement area is not considered the lowest floor of a building, provided that such space is not designed and built so that the structure is in violation of the applicable non-elevation design requirements of this chapter.
- (s) **Manufactured home** means a structure, transportable in one or more sections, which is built on a permanent chassis, and is designed for use with or without a permanent foundation when attached to the required utilities. The term includes park trailers, travel trailers, recreational and other similar vehicles which are placed on a site for more than 180 consecutive days.
- (t) **Manufactured home park or subdivision** means a parcel (or contiguous parcels) of land divided into two or more manufactured home lots for rent or sale.
- (u) **Minor Repair** means the replacement of existing work with equivalent materials for the purpose of its routine maintenance and upkeep, but not including the cutting away of any wall, partition or portion thereof, the removal or cutting of any structural beam or bearing support, or the removal or change of any required means of egress, or rearrangement of parts of a structure affecting the exitway requirements; nor shall minor repairs include addition to, alteration of, replacement or relocation of any standpipe, water supply, sewer, drainage, drain leader, gas, oil, waste, vent, or similar piping, electric wiring, mechanical or other work affecting public health or general safety.
- (v) **New Construction** means structures for which the start of construction commenced on or after September 26, 2014 and includes any subsequent improvements to such structures. Any construction started after December 15, 1981 and before September 26, 2014 is subject to the Code in effect at the time the permit was issued, provided the start of construction was within 180 days of permit issuance.
- (w) **Person** means an individual, partnership, public or private association or corporation, firm, trust, estate, municipality, governmental unit, public utility or any other legal entity whatsoever, which is recognized by law as the subject of rights and duties.
- (x) **Post-FIRM Structure** means a structure for which construction or substantial improvement occurred after December 31, 1974 or on or after the community's initial Flood Insurance Rate Map (FIRM) dated December 15, 1981, whichever is

later, and, as such, would be required to be compliant with the regulations of the National Flood Insurance Program.

(y) **Pre-FIRM Structure** means a structure for which construction or substantial improvement occurred on or before December 31, 1974 or before the community's initial Flood Insurance Rate Map (FIRM) dated December 15, 1981, whichever is later, and, as such, would not be required to be compliant with the regulations of the National Flood Insurance Program.

(z) **Recreational vehicle** means a vehicle which is:

(1) built on a single chassis;

(2) not more than 400 square feet, measured at the largest horizontal projections;

(3) designed to be self-propelled or permanently towable by a light-duty truck,

(4) not designed for use as a permanent dwelling but as temporary living quarters for recreational, camping, travel, or seasonal use.

(aa) **Regulatory flood elevation** means the base flood elevation (BFE) or estimated flood height as determined using simplified methods plus a freeboard safety factor of one and one-half (1½) feet.

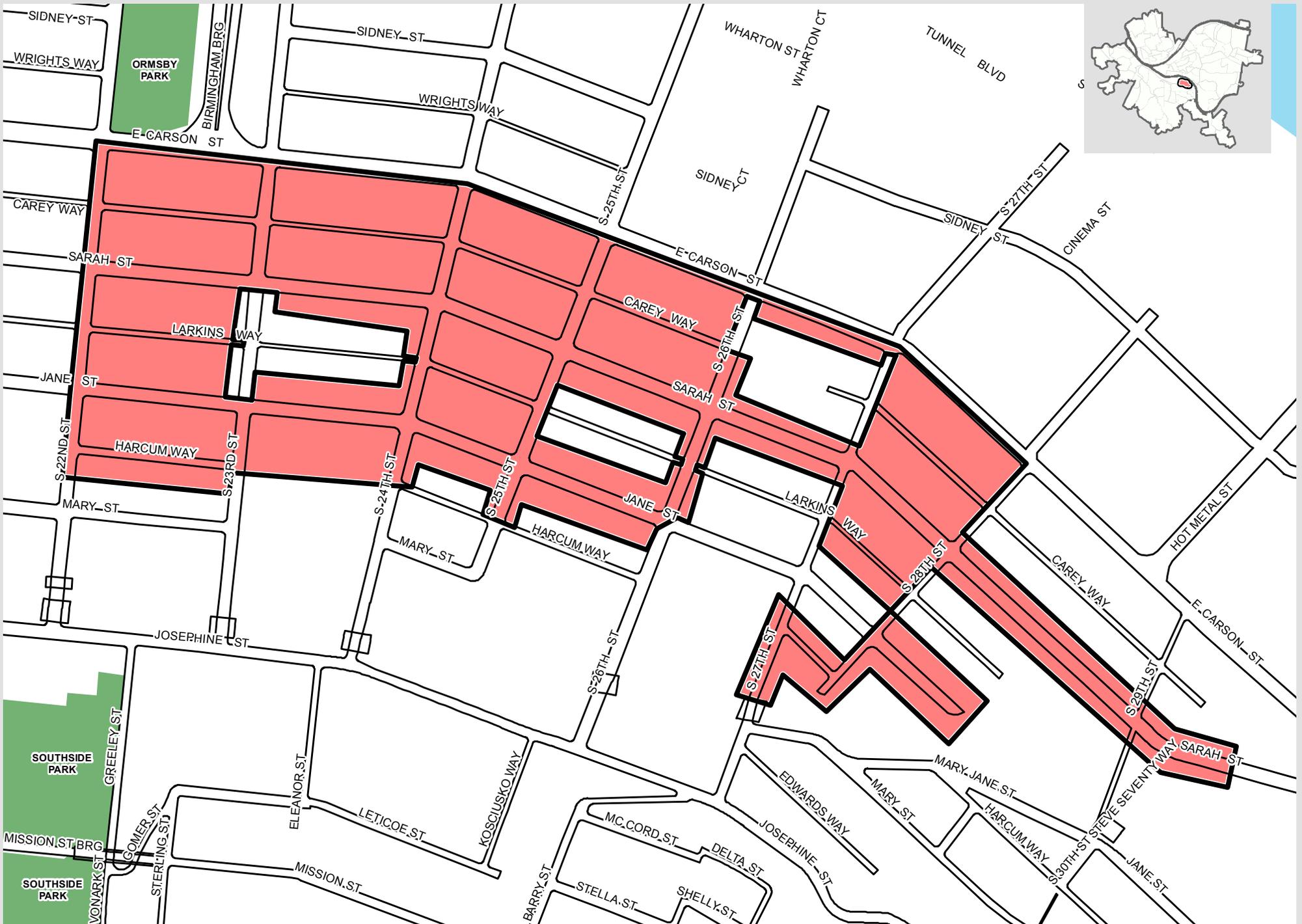
(bb) **Special permit** means a special approval which is required for hospitals, nursing homes, correctional facilities, and new manufactured home parks/ subdivisions and substantial improvements to such existing parks, when such development is located in all, or a designated portion of a floodplain.

(cc) **Special flood hazard area (SFHA)** means an area in the floodplain subject to a 1 percent or greater chance of flooding in any given year. It is shown on the FIRM as Zone A, AO, A1-A30, AE, A99, or, AH.

(dd) **Start of construction** means includes substantial improvement and other proposed new development and means the date the Permit was issued, provided the actual start of construction, repair, reconstruction, rehabilitation, addition, placement, or other improvement was within 180 days after the date of the permit and shall be completed within twelve (12) months after the date of issuance of the permit unless a time extension is granted, in writing, by the Zoning Administrator . The actual start means either the first placement of permanent construction of a structure on a site, such as the pouring of slab or footings, the installation of piles, the construction of columns, or any work beyond the stage of excavation; or the placement of a manufacture home on a foundation. Permanent construction does not include land preparation, such as clearing, grading, and filling; nor does it include the installation of streets and walkways; nor does it include excavation for a basement, footings, piers, or foundations or the erection of temporary forms; nor does it include the installation on the property of accessory buildings, such as garages or sheds not occupied as dwelling units or not part of the main structure.

For a substantial improvement, the actual start of construction means the first alteration of any wall, ceiling, floor, or other structural part of a building, whether or not that alteration affects the external dimensions of the building.

- (ee) **Structure** means a walled and roofed building, including a gas or liquid storage tank that is principally above ground, as well as a manufactured home.
- (ff) **Subdivision** means the division or re-division of a lot, tract, or parcel of land by any means into two or more lots, tracts, parcels or other divisions of land including changes in existing lot lines for the purpose, whether immediate or future, of lease, partition by the court for distribution to heirs, or devisees, transfer of ownership or building or lot development: Provided, however, that the subdivision by lease of land for agricultural purposes into parcels of more than ten acres, not involving any new street or easement of access or any residential dwelling, shall be exempted.
- (gg) **Substantial damage** means damage from any cause sustained by a structure whereby the cost of restoring the structure to its before-damaged condition would equal or exceed fifty (50) percent or more of the market value of the structure before the damage occurred.
- (hh) **Substantial improvement** means any reconstruction, rehabilitation, addition, or other improvement of a structure, of which the cost equals or exceeds fifty (50) percent of the market value of the structure before the "start of construction" of the improvement. This term includes structures which have incurred "substantial damage" regardless of the actual repair work performed. The term does not, however, include any project for improvement of a structure to correct existing violations of state or local health, sanitary, or safety code specifications which have been identified by the local code enforcement official and which are the minimum necessary to assure safe living conditions.
- (ii) **Uniform Construction Code (UCC)** means the statewide building code adopted by The Pennsylvania General Assembly in 1999 applicable to new construction in all municipalities whether administered by the municipality, a third party or the Department of Labor and Industry. Applicable to residential and commercial buildings, The Code adopted The International Residential Code (IRC) and the International Building Code (IBC), by reference, as the construction standard applicable with the State floodplain construction. For coordination purposes, references to the above are made specifically to various sections of the IRC and the IBC.
- (jj) **Violation** means the failure of a structure or other development to be fully compliant with the community's floodplain management regulations. A structure or other development without the elevation certificate, other certifications, or other evidence of compliance required in 44 CFR §60.3(b)(5), (c)(4), (c)(10), (d)(3), (e)(2), (e)(4), or (e)(5) is presumed to be in violation until such time as that documentation is provided.



**Residential Permit Parking  
Proposed Change to District II**

-  Streets
-  Proposed Permit Parking
-  Park
-  Greenway
-  Cemetery
-  Water



DEPARTMENT OF CITY PLANNING  
DEVELOPMENT ADMINISTRATION AND REVIEW (ZONING)

Date Filed:

Office of the Zoning Administrator

200 ROSS STREET • THIRD FLOOR • PITTSBURGH • PENNSYLVANIA • 15219

(Zoning Use Only)

**DEVELOPMENT REVIEW APPLICATION**

The Development Review Application **can be** used for the following:

- New Construction of a Primary Use Structure larger than a 2-Family Dwelling. (Including new Non-Residential Primary Use Structures);
- Any project or development that requires a Land Operations Permit;
- Any other types of work not listed under the Walk-Through and Zoning Applications.

**GENERAL INFORMATION**

1. Property Owner Name: <b>CARNEGIE MELLON UNIV.</b>		Phone Number: <b>(412) 268 5259</b>	
Address: <b>5000 FORBES</b> City: <b>PITTSBURGH</b>		State: <b>PA</b>	Zip Code: <b>15213</b>
2. Applicant/Company Name: <b>BOB PETTE</b>		Phone Number: <b>(412) 266-6905</b>	
Address:		City:	Zip Code:
Applicant/Contractor ID:(assigned by the City)			
3. Development Name: <b>205 S. CRAIG</b>			
4. Development Location: <b>S. CRAIG BETWEEN HENRY &amp; WINTHROP</b>			
5. Development Address: <b>205 S. CRAIG</b>			
6. If applicant is proposing a change to the Zoning District, the following is required: (Attach Zone Change Petition)			
Proposed Zoning District:		<b>N/A</b>	
Present Use of Site: (Select from attached list)			
7. If a Certificate of Occupancy exists, the following is required:			
Certificate of Occupancy#:		Date Issued:	Existing Use of Property:
8. Estimated Construction:		Start Date: <b>6 / 2 / 2014</b>	Occupancy Date: <b>9 / 22 / 2014</b>
		Project Cost: \$ <b>350,000</b>	
Use the attached Worksheet to continue answering the questions. For additional reference in answering Items 9-12 go to <a href="http://pittsburghpa.gov/dcp/zoning/">pittsburghpa.gov/dcp/zoning/</a> and select the link for the City Zoning Code maintained at the Municode.com website.			
9. Proposed Use of Site (Select from attached list): <b>EDUCATIONAL, LIMITED</b>			
10. Select the Type of Work:			
<input type="checkbox"/> New Construction, New		<input checked="" type="checkbox"/> Renovation, Interior	
<input type="checkbox"/> New Construction,		<input checked="" type="checkbox"/> Renovation, Exterior	
<input type="checkbox"/> Change in Use Only		<input checked="" type="checkbox"/> Renovation, Change in Use	
11. Describe the Development:			
<b>RENOVATION OF EXISTING 3-STORY VACANT SINGLE-FAMILY BUILDING TO EDUCATIONAL SPACE (BUSINESS USE)</b>			
12. Is a Land Operations Permit needed? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
(See the Bureau of Building Inspection (BBI) website for activities requiring a Land Operations Permit, <a href="http://www.city.pittsburgh.pa.us/bbi/">http://www.city.pittsburgh.pa.us/bbi/</a> )			



DEPARTMENT OF CITY PLANNING  
DEVELOPMENT ADMINISTRATION AND REVIEW (ZONING)

Office of the Zoning Administrator

200 ROSS STREET • THIRD FLOOR • PITTSBURGH • PENNSYLVANIA • 15219

DEVELOPMENT REVIEW APPLICATION

LAND AND BUILDING INFORMATION

13. Proposed Number of New Structures or Building Additions:  N/A  
 Residential       Commercial       Recreational       Industrial       Institutional

14. Gross Floor Area:  
 Existing to be Razed: \_\_\_\_\_ sq ft  
 Existing to be Retained: 3300 sq ft  
 Retained Area to be Renovated: 3300 sq ft  
 To be Constructed: \_\_\_\_\_ sq ft  
 Building Footprint: 1400 sq ft

15. Height of Structures:	Existing		Proposed	
	Stories	Feet	Stories	Feet
Main Structure	<u>3</u>	<u>30</u>	<u>3</u>	<u>30</u>
Proposed Addition/Extension				

Provide Accessory Structure Type(s) and Height(s):


16. Number of Dwelling Units:  
 Existing to Remain: 0      Proposed: 0

17. Lot Area: 2035 sq ft

18. On Site Parking:  N/A

	Existing	Proposed
Full (8 1/2' x 19')		
Compact (7 1/4' x 16')		
Handicap (13 1/2' x 19')		

Off-Street Loading Spaces:  N/A  
 Actual: \_\_\_\_\_  
 Required: \_\_\_\_\_

19. Please check any of the following items that will be part of the proposed work:  N/A  
 Demolition       HVAC (Interior)       HVAC (Exterior)       Electrical       Fire Alarm  
 Fire Protection/Sprinklers       Deck Construction       Commercial Cooking Hood       Sign

20. Please check the following items that pertain to any work proposed on private plumbing:  
 (i.e. plumbing between a public sewer or water line and a building, including plumbing inside the building).  
 Repair or Replace Existing Plumbing       New Construction of Plumbing       No Plumbing Work is Proposed



**DEPARTMENT OF CITY PLANNING  
DEVELOPMENT ADMINISTRATION AND REVIEW (ZONING)**

Office of the Zoning Administrator

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**DEVELOPMENT REVIEW APPLICATION**

**WATER AND SEWER INFORMATION**

*NOTE: The term "sewer" refers to sanitary sewers, storm sewers and combined sewers owned by the City of Pittsburgh.*

For reference in answering Items 21-24, please refer to the Pittsburgh Water and Sewer Authority's Procedures Manual for Developers (available at [www.pgh2o.com](http://www.pgh2o.com)).

21. Please indicate the number (e.g. 0, 1, 2,...) of each of the following sewer and/or water items that will be part of the work:

  1   New Water Service Connection(s)                        0   Termination of Existing Water Service Tap(s)  
           New Sewer Service Connection(s)                                 Termination of Existing Sewer Service Tap(s)

22. Will the proposed work change the current water consumption and sewer discharge of the building or site?

YES                       NO

23. If the Development includes the construction of main sewer and/or water lines, then the Applicant is required to select a course of action with regard to ownership of those utilities:

- Applicant requests PWSA to accept ownership of the sewer mains and/or water lines
- Applicant retains private ownership of sewer mains and/or water lines
- Not Applicable (Development does not include construction of sewer mains and/or water lines)

24. If Yes to the first or second statement in Item 23, then identify the type of property where the sewer mains and/or water lines will be constructed:

- Public Property, Existing City Street                       Private Property                       Not Applicable
- Public Property, New City Street to be constructed as part of the development/project

**WORK IN AND AROUND THE CITY RIGHTS-OF-WAY**

25. Please select the following items that apply to the proposed work:

- Applicant requests to change or designate the name of a City Street.
- The proposed work includes a private structure (e.g. deck, porch, awning, sign, etc.) encroaching on a City dedicated right-of-way.
- Modification or reconstruction of City curbs.
- Design and construction of a new street where the Applicant will request the City to accept ownership of the street.
- Applicant requests the City to vacate an existing City street/sidewalk so the Applicant can use the property for private development.
- The proposed work will create an obstruction of traffic on City rights-of-way.
- The proposed work includes the excavation of a City street or sidewalk.
- The proposed work includes the placement of a demolition dumpster in a City right-of-way.
- The proposed work includes the addition, deletion and/or relocation of City street lights in a City right-of-way.

26. Applicant will be applying for a Visitability Tax Credit?                       Yes                       No

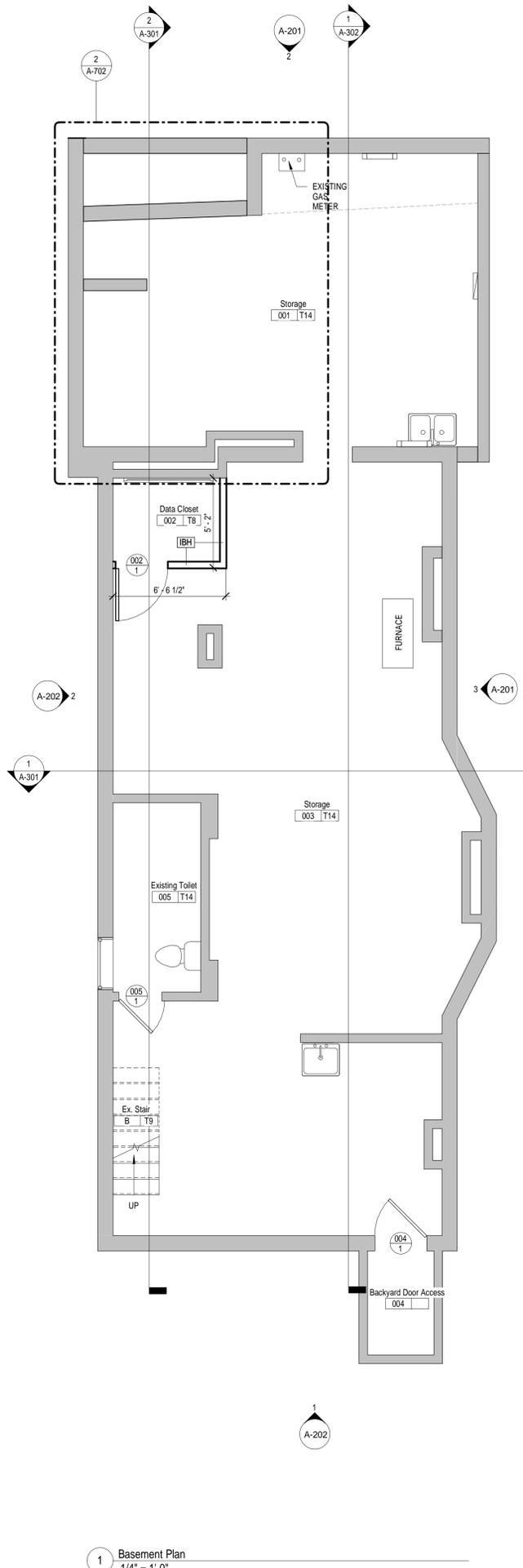
Applicant Signature:



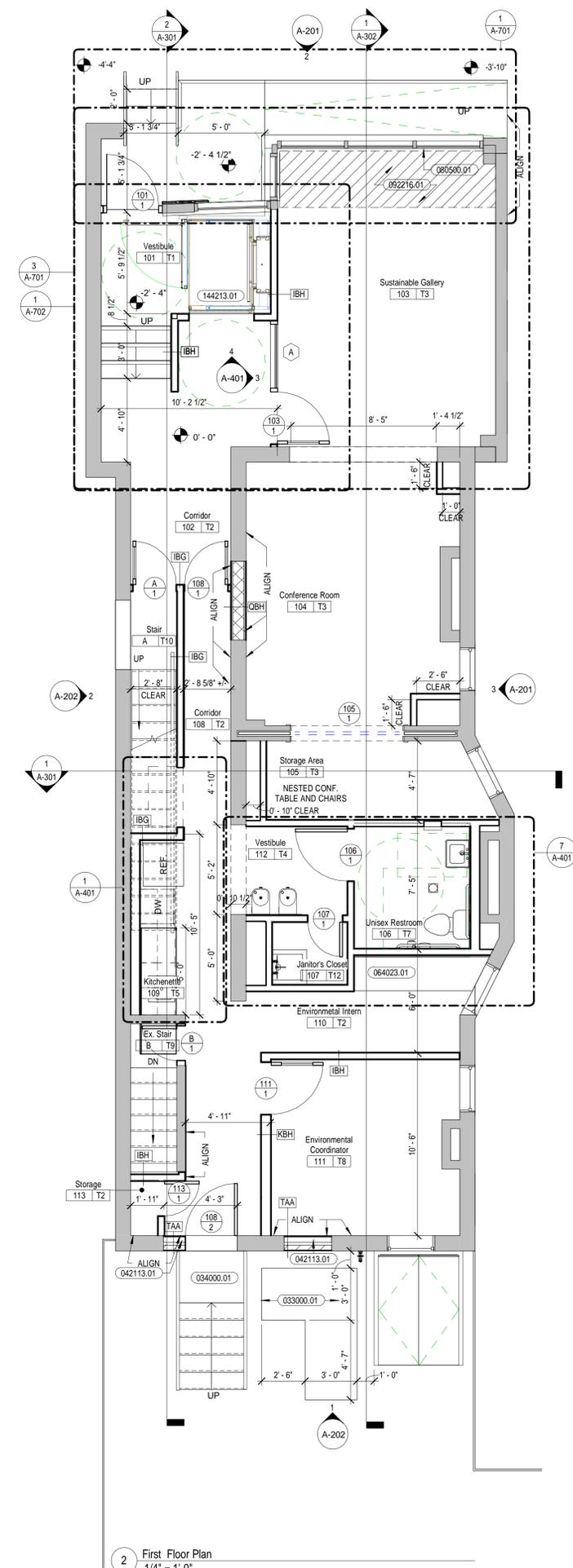
Existing Facade



Option 3



1 Basement Plan  
1/4" = 1'-0"



2 First Floor Plan  
1/4" = 1'-0"

**GENERAL NOTES**

1. INTERIOR DIMENSIONS ARE FROM FACE OF EXISTING WALL OR FACE OF STUD TO FACE OF STUD UNLESS OTHERWISE NOTED. DIMENSIONS TO PLUMBING FIXTURES THAT ARE BEING REPLACED IN THE SAME LOCATIONS SHALL BE VERIFIED IN FIELD, AND ARE CENTERLINE OF FIXTURE TO CENTERLINE OF FIXTURE OR FROM EXISTING FACE OF WALL. REFER TO WALL TYPES FOR THICKNESS.
2. EXISTING DIMENSIONS USED IN THE DEVELOPMENT OF THESE DOCUMENTS ARE BASED ON INFORMATION INDICATED ON DRAWINGS OF THE EXISTING BUILDING. THESE REFERENCED DRAWINGS WERE RECEIVED BY R3A ON 10-15-13 FROM THE CARNEGIE MELLON UNIVERSITY.
3. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION AND COORDINATION OF ALL EXISTING DIMENSIONS AND CONDITIONS AS THEY RELATE TO THE NEW SCOPE OF WORK. NOTIFY THE OWNER/ ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK AS DESCRIBED WITH THESE DOCUMENTS.
4. CONTRACTOR IS TO COORDINATE THE EXTENT OF BUILDING CONSTRUCTION AND DEMOLITION WITHIN FINAL FINISH REQUIREMENTS AND PROVIDE AND INSTALL SYSTEMS AS DESCRIBED IN THE DRAWINGS.
5. CONTRACTOR SHALL PROVIDE APPROPRIATE AND LEVEL SUBSURFACE FOR FINISH MATERIAL. COORDINATE NEW FINISHES WITH FINISH SCHEDULE AND DRAWINGS. PREPARE EXISTING SURFACES PER MANUFACTURERS RECOMMENDATIONS.
6. CONTRACTOR SHALL PROVIDE TEMPORARY BARRICADES AND OTHER TEMPORARY FACILITIES TO PROTECT THE PUBLIC, STORED MATERIALS AND INSTALLED MATERIALS.
7. REFER TO LIFE SAFETY PLANS (G-101) FOR LOCATION AND EXTENT OF FIRE RATED ASSEMBLIES.
8. PROVIDE BLOCKING REQUIRED FOR CASEWORK AND TOILET ACCESSORIES AND FOR FUTURE FURNITURE INSTALLATION. COORDINATE LOCATION OF BLOCKING WITH OWNER'S FURNITURE INSTALLER.
9. ALL DEMOLISHED MATERIAL DEBRIS IS TO BE REMOVED AND LEGALLY DISPOSED OF FROM THE SITE BY EACH RESPECTIVE PRIME CONTRACTOR. EACH PRIME CONTRACTOR SHALL ASSUME COSTS FOR DEMOLITION INCLUDING DISPOSAL FOR THEIR SCOPE OF WORK.
10. OWNER RESERVES THE RIGHT TO REQUEST SALVAGED ITEMS. CONTRACTOR TO HANDLE AND STORE WITH CARE.
11. THERE IS NO HAZARDOUS ABATEMENT WITHIN THE SCOPE OF WORK.
12. HATCHED FLOOR AREA INDICATED FLOOR INFILL, REFER TO BUILDING SECTIONS FOR FLOOR LEVELS.

REFERENCED CONSTRUCTION NOTES	
MARK	DESCRIPTION
033000.01	4" CONCRETE SLAB ON GRADE FOR CONDENSING UNITS. REFER TO MECHANICAL DRAWINGS.
034000.01	EXISTING RELOCATED PRECAST PLATFORM, STEPS AND RAILING
042113.01	PATCH EXISTING OPENING WITH SALVAGED BRICKS TO MATCH ADJACENT
057300.01	NOT USED
064023.01	BUILT IN PLAM COUNTERTOP
066400.01	BASE AT W/D-1 TO BE PAINTED QUARTER ROUND TRIM TO CONCEAL GAPS WITH EXISTING AND NEW CONSTRUCTION.
073113.01	ASPHALT SHINGLE REPLACEMENT ROOF, ALTERNATE 1.
080500.01	APPLY WINDOW FILM AT BASE GLAZING PANEL AT EXISTING STOREFRONT WINDOW TO CONCEAL FLOOR CONSTRUCTION BEYOND.
092000.01	PATCH AND REPAIR DAMAGED WALL OR CEILING PLASTER WITH SKIM COAT TO CREATE EVEN SURFACE.
092216.01	FLOOR INFILL, NON-STRUCTURAL METAL FRAMING
144213.01	WHEEL CHAIR LIFT PLATFORM



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Architecture  
Engineering  
Interiors  
Development Management

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CONSULTANT:

Carnegie Mellon University

Facility Management Services, 205 S. Craig Street Renovations

205 South Craig Street, Pittsburgh PA 15213

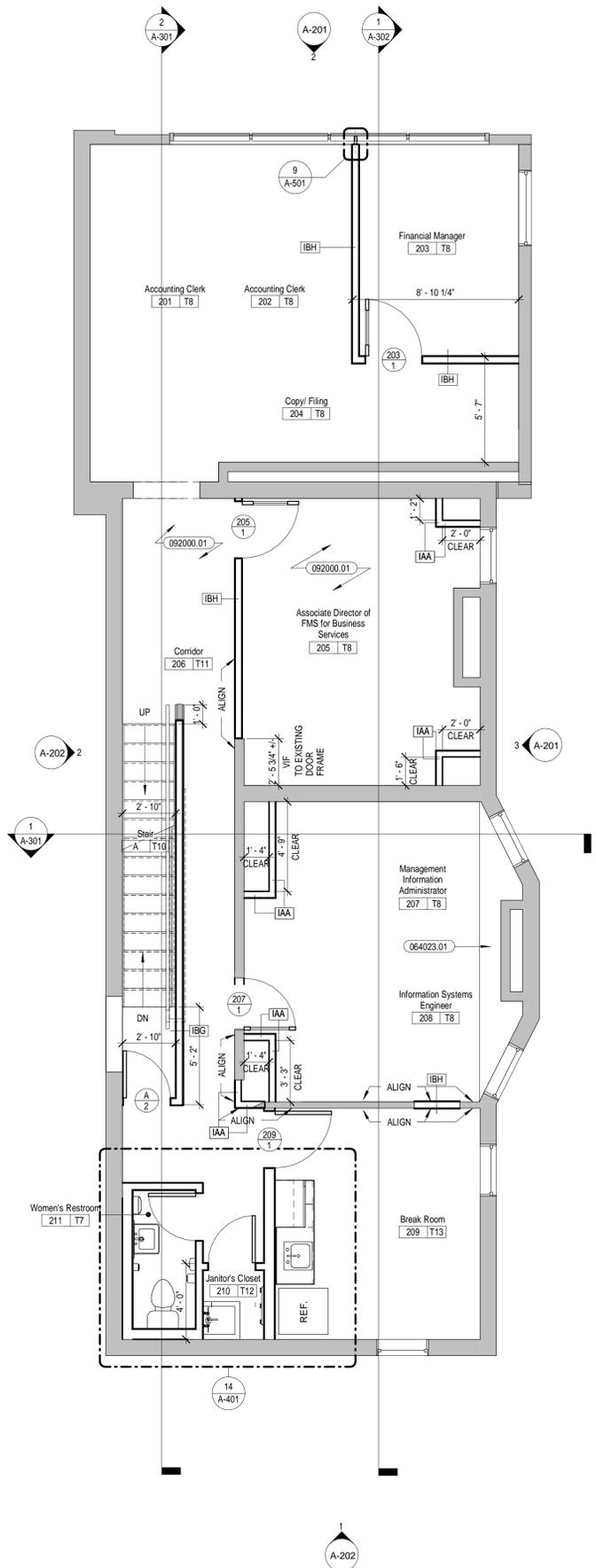
Construction Documents

ISSUED: 5/12/14

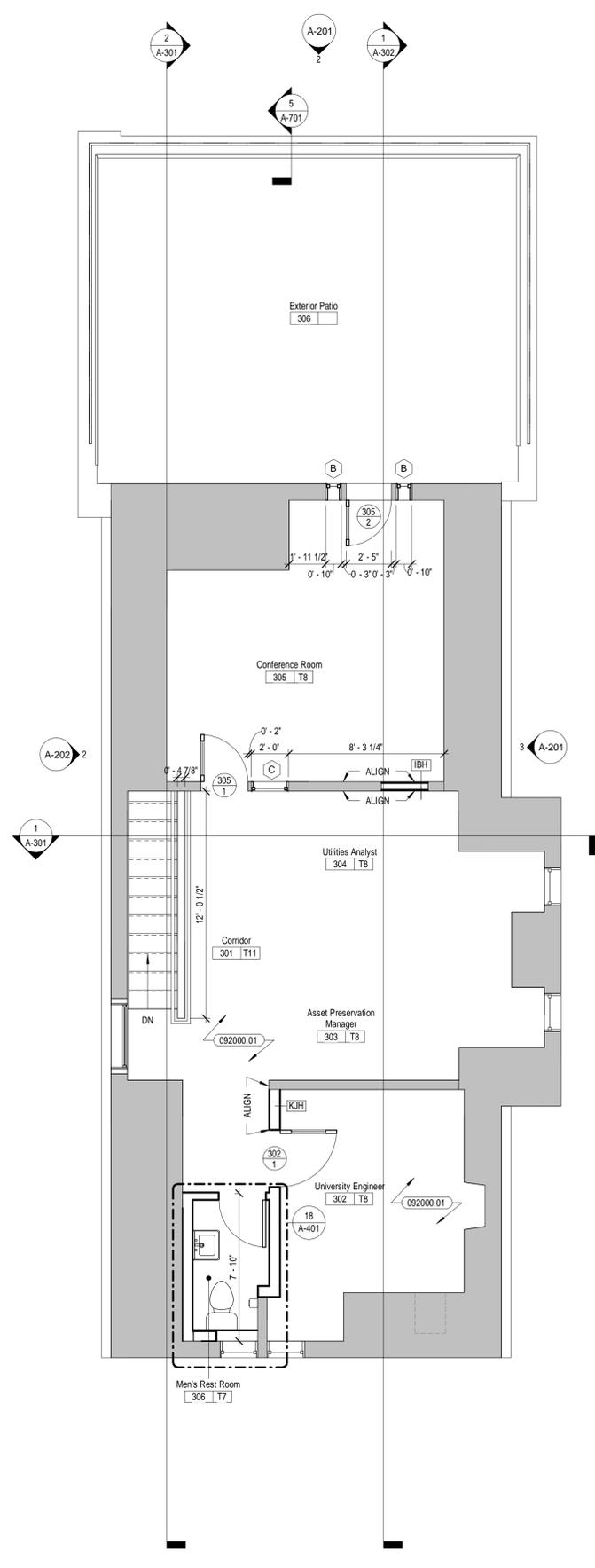
BASEMENT AND FIRST FLOOR PLAN

R3A PROJECT # 13070  
CMU PROJECT # 31028

**A-101**



1 Second Floor Plan  
1/4" = 1'-0"



2 Third Floor Plan  
1/4" = 1'-0"

**GENERAL NOTES**

1. INTERIOR DIMENSIONS ARE FROM FACE OF EXISTING WALL OR FACE OF STUD TO FACE OF STUD UNLESS OTHERWISE NOTED. DIMENSIONS TO PLUMBING FIXTURES THAT ARE BEING REPLACED IN THE SAME LOCATIONS SHALL BE VERIFIED IN FIELD, AND ARE CENTERLINE OF FIXTURE TO CENTERLINE OF FIXTURE OR FROM EXISTING FACE OF WALL. REFER TO WALL TYPES FOR THICKNESS.
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12. HATCHED FLOOR AREA INDICATED FLOOR INFILL, REFER TO BUILDING SECTIONS FOR FLOOR LEVELS.

**REFERENCED CONSTRUCTION NOTES**

MARK	DESCRIPTION
033000.01	4" CONCRETE SLAB ON GRADE FOR CONDENSING UNITS, REFER TO MECHANICAL DRAWINGS.
034000.01	EXISTING RELOCATED PRECAST PLATFORM, STEPS AND RAILING
042113.01	PATCH EXISTING OPENING WITH SALVAGED BRICKS TO MATCH ADJACENT
057300.01	NOT USED
064023.01	BUILT IN PLUM COUNTERTOP
066400.01	BASE AT WD-1 TO BE PAINTED QUARTER ROUND TRIM TO CONCEAL GAPS WITH EXISTING AND NEW CONSTRUCTION.
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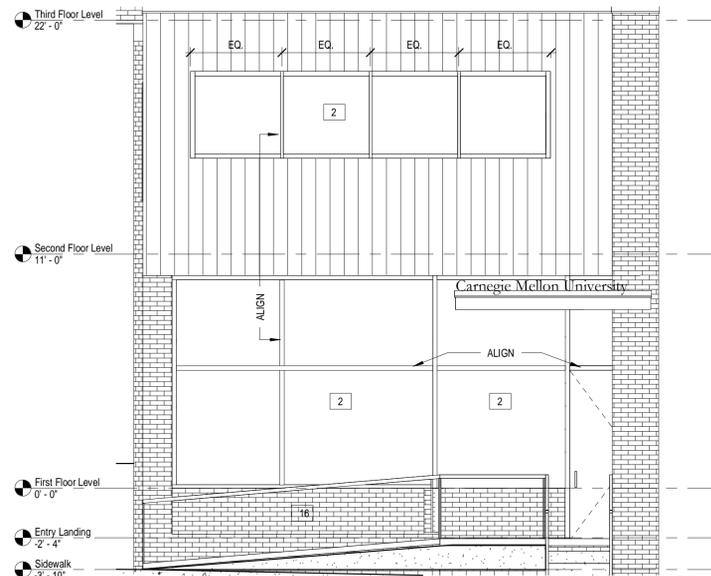
Construction Documents

ISSUED: 5/12/14

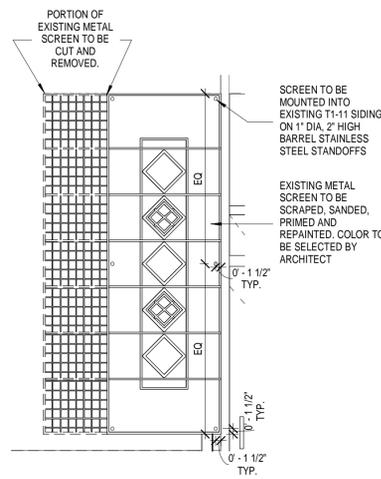
SECOND AND THIRD FLOOR PLAN

R3A PROJECT # 13070  
CMU PROJECT # 31028

A-102

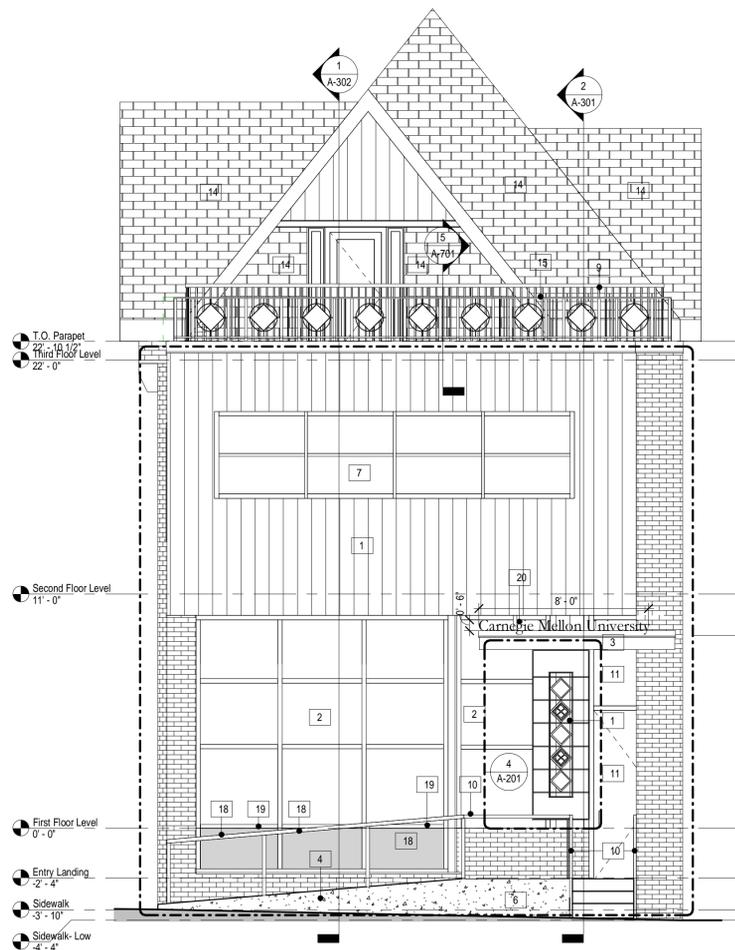


1 North Elevation- Add Alternate #2  
1/4" = 1'-0"



4 Cantini Screen Detail  
1/2" = 1'-0"

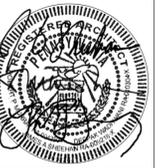
REFERENCED ELEVATION NOTES	
MARK	NOTE
1	PREPARE EXISTING T1-11 CLADDING BY SCRAPING, SANDING AND POWER WASHING TO RECEIVE NEW PRIMER AND PAINT.
2	REPAIR AND REPAINT TRIM AT EXISTING STOREFRONT GLAZING, COLOR TO BE SELECTED BY ARCHITECT. ADD ALTERNATE #2 REPLACEMENT OF STOREFRONT GLAZING.
3	EXISTING CANOPY TO REMAIN. CANOPY TO RECEIVE NEW FLASHING COLOR TO BE SELECTED BY ARCHITECT.
4	NEW 4" HIGH GALVANIZED METAL CURB
5	EXISTING PRECAST CONCRETE STAIRS TO BE SALVAGED AND RELOCATED TO NEW REAR EXIT.
6	NEW CONCRETE ADA RAMP.
7	EXISTING WINDOWS TO REMAIN, REPAINT TRIM. COLOR TO BE SELECTED BY ARCHITECT.
8	EXISTING DOORS TO BASEMENT TO REMAIN, REPAINT COLOR TO BE SELECTED BY ARCHITECT.
9	NEW ALUMINUM RAILING SYSTEM. ROOF RAILING TO BE MOUNTED TO EXISTING RAISED CONCRETE ROOF CURB.
10	NEW METAL RAILING SYSTEM AT RAMP AND STAIRS
11	NEW GLAZED ENTRY DOOR AND TRANSOM
12	EXISTING BRICK TO REMAIN, REPOINT AS NECESSARY
13	REPLACE EXISTING WINDOWS, ALTERNATE #2.
14	REPLACED EXISTING ROOF, ALTERNATE #1.
15	EXISTING RAILING SYSTEM TO REMAIN, SAND, PRIME AND PAINT. COLOR TO BE SELECTED BY ARCHITECT.
16	PATCH EXISTING OPENING WITH BRICK TO MATCH EXISTING.
17	EXISTING HOSE BIB TO REMAIN
18	OPAQUE WINDOW FILM APPLIED TO INTERIOR FACE OF STOREFRONT.
19	NEW ALUMINUM MULLION COVER ON PESSURE BAR WITH VHB-3 DUAL SIDED TAPE AND SILICONE DIRECTLY ADHERED TO EXTERIOR GLAZING.
20	1" THICK EXTRUDED ALUMINUM LETTERS, BACK LIT BY EXTERIOR LED TAPE FIXTURE.
21	NEW STRUCTURAL LINTEL OVER OPENING.



2 North Elevation  
1/4" = 1'-0"



3 East Elevation  
1/4" = 1'-0"



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Construction Documents

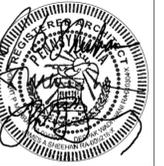
ISSUED: 5/12/14

EXTERIOR ELEVATIONS

R3A PROJECT # 13070  
CMU PROJECT # 31028

A-201

REFERENCED ELEVATION NOTES	
MARK	NOTE
1	PREPARE EXISTING T1-11 CLADDING BY SCRAPING, SANDING AND POWER WASHING TO RECEIVE NEW PRIMER AND PAINT.
2	REPAIR AND REPAINT TRIM AT EXISTING STOREFRONT GLAZING, COLOR TO BE SELECTED BY ARCHITECT. ADD ALTERNATE #2 REPLACEMENT OF STOREFRONT GLAZING.
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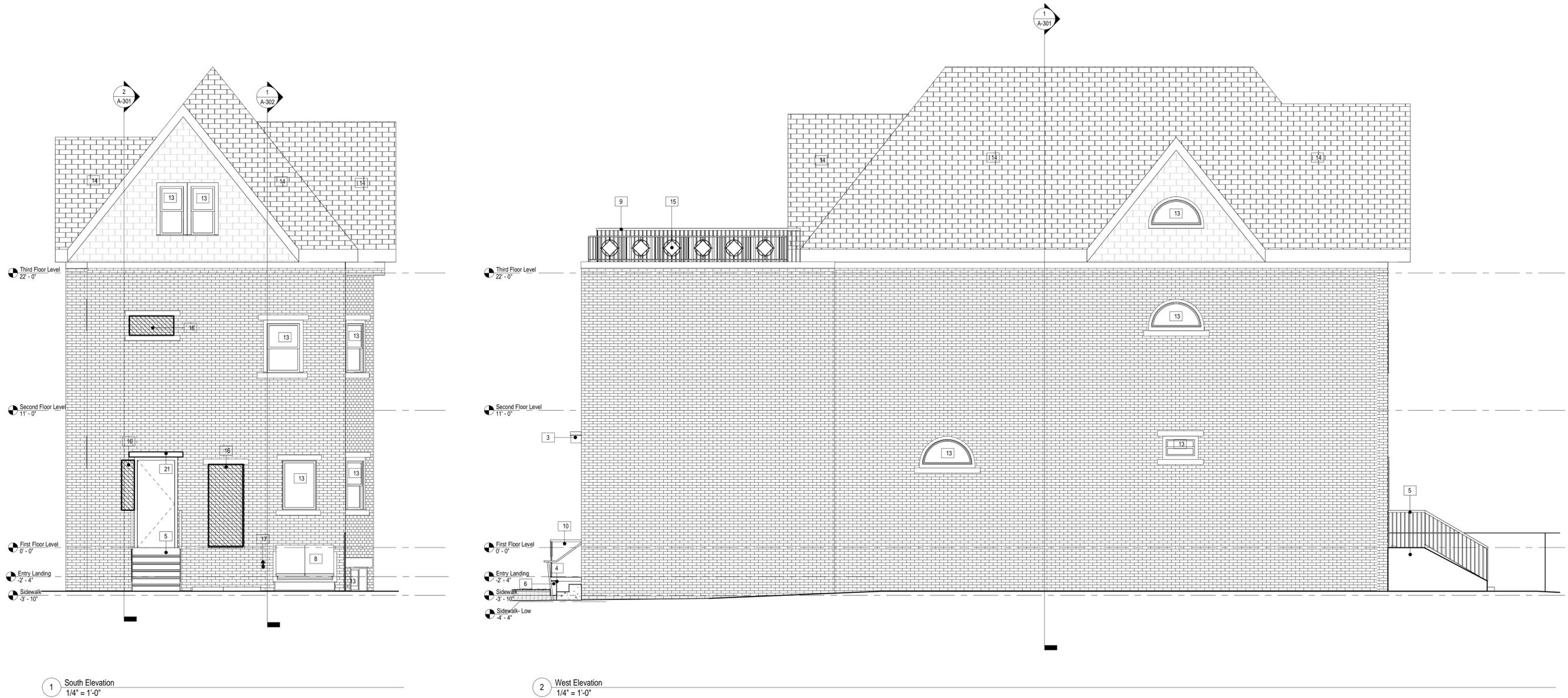
Construction Documents

ISSUED: 5/12/14

EXTERIOR ELEVATIONS

R3A PROJECT # 13070  
CMU PROJECT # 31028

A-202



1 South Elevation  
1/4" = 1'-0"

2 West Elevation  
1/4" = 1'-0"

**DEPARTMENT OF CITY PLANNING  
DEVELOPMENT ADMINISTRATION AND REVIEW (ZONING)**

Date Filed:

Office of the Zoning Administrator

200 ROSS STREET • THIRD FLOOR • PITTSBURGH • PENNSYLVANIA • 15219

(Zoning Use Only)

**DEVELOPMENT REVIEW APPLICATION**

The Development Review Application **can be** used for the following:

- New Construction of a Primary Use Structure larger than a 2-Family Dwelling. (Including new Non-Residential Primary Use Structures);
- Any project or development that requires a Land Operations Permit;
- Any other types of work not listed under the Walk-Through and Zoning Applications.

**GENERAL INFORMATION**

1. Property Owner Name: <b>WINTHORPE VALENTINE, LP</b>		Phone Number: <b>412 683-3810</b>	
Address: <b>930 PENN AVE</b> City: <b>Pgh</b>		State: <b>PA</b>	Zip Code: <b>15222</b>
2. Applicant/Company Name: <b>DAVID MORGAN</b>		Phone Number: <b>412 901-7765</b>	
Address: <b>3308 PEPPISSVILLE AVE</b> City: <b>Pgh</b>		State: <b>PA</b>	Zip Code: <b>15214</b>
Applicant/Contractor ID: (assigned by the City)			
3. Development Name: <b>4611 FORBES AVE</b>			
4. Development Location: <b>4611 FORBES AVE</b>			
5. Development Address:			
6. If applicant is proposing a change to the Zoning District, the following is required: (Attach Zone Change Petition)			
Proposed Zoning District:	<b>N/A</b>		
Present Use of Site: (Select from attached list)	<b>RESTAURANT</b>		
7. If a Certificate of Occupancy exists, the following is required:			
Certificate of Occupancy#:	Date Issued:	Existing Use of Property:	
8. Estimated Construction:	Start Date: <b>8/1/14</b>	Occupancy Date: <b>1/1/15</b>	Project Cost: \$ <b>UNKNOWN</b>
Use the attached Worksheet to continue answering the questions. For additional reference in answering Items 9-12 go to <a href="http://www.city.pittsburgh.pa.us/cp/html/land_use_control_and_zoning.html">http://www.city.pittsburgh.pa.us/cp/html/land_use_control_and_zoning.html</a> and select the link for the City Zoning Code maintained at the Municode.com website.			
9. Proposed Use of Site (Select from attached list): <b>RESTAURANT, FAST FOOD, LIMITED</b>			
10. Select the Type of Work:			
<input type="checkbox"/> New Construction, New <input checked="" type="checkbox"/> Renovation, Interior <input checked="" type="checkbox"/> New Construction, <input checked="" type="checkbox"/> Renovation, Exterior <input type="checkbox"/> Change in Use Only <input type="checkbox"/> Renovation, Change in Use			
11. Describe the Development: <b>EXISTING BAR RESTAURANT TO BE RENOVATED INTO NEW RESTAURANT. INSTALL NEW 2ND FLOOR ADDITION TO PROVIDE EGRESS AND STORAGE</b>			
12. Is a Land Operations Permit needed? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
(See the Bureau of Building Inspection (BBI) website for activities requiring a Land Operations Permit, <a href="http://www.city.pittsburgh.pa.us/bbi/">http://www.city.pittsburgh.pa.us/bbi/</a> )			



**DEPARTMENT OF CITY PLANNING  
DEVELOPMENT ADMINISTRATION AND REVIEW (ZONING)**

Office of the Zoning Administrator

200 ROSS STREET • THIRD FLOOR • PITTSBURGH • PENNSYLVANIA • 15219

**DEVELOPMENT REVIEW APPLICATION**

**LAND AND BUILDING INFORMATION**

**13. Proposed Number of New Structures or Building Additions:**  N/A  
 Residential     Commercial (1)     Recreational     Industrial     Institutional

**14. Gross Floor Area:**

Existing to be Razed:	0	sq ft
Existing to be Retained:	2600	sq ft
Retained Area to be Renovated:	2600	sq ft
To be Constructed:	725	sq ft
Building Footprint:	1650	sq ft

15. Height of Structures:	Existing		Proposed	
	Stories	Feet	Stories	Feet
Main Structure	2	30'±		
Proposed Addition/Extension			1	14'

Provide Accessory Structure Type(s) and Height(s):


**16. Number of Dwelling Units:**  
 Existing to Remain: N/A                      Proposed: N/A

**17. Lot Area:** 1650 sq ft

**18. On Site Parking:**  N/A

	Existing	Proposed
Full (8 1/2' x 19')	0	0
Compact (7 1/4' x 16')	0	0
Handicap (13 1/2' x 19')	0	0

**Off-Street Loading Spaces:**  N/A

Actual:	0
Required:	0

**19. Please check any of the following items that will be part of the proposed work:**  N/A

Demolition   
  HVAC (Interior)   
  HVAC (Exterior)   
  Electrical   
  Fire Alarm  
 Fire Protection/Sprinklers   
 Deck Construction   
 Commercial Cooking Hood   
 Sign

**20. Please check the following items that pertain to any work proposed on private plumbing:**  
 (i.e. plumbing between a public sewer or water line and a building, including plumbing inside the building).

Repair or Replace Existing Plumbing   
 New Construction of Plumbing   
 No Plumbing Work is Proposed



**DEPARTMENT OF CITY PLANNING  
DEVELOPMENT ADMINISTRATION AND REVIEW (ZONING)**

**Office of the Zoning Administrator**

**200 ROSS STREET • THIRD FLOOR • PITTSBURGH • PENNSYLVANIA • 15219**

**DEVELOPMENT REVIEW APPLICATION**

**WATER AND SEWER INFORMATION**

*NOTE: The term "sewer" refers to sanitary sewers, storm sewers and combined sewers owned by the City of Pittsburgh.*

For reference in answering Items 21-24, please refer to the Pittsburgh Water and Sewer Authority's Procedures Manual for Developers (available at [www.pgh2o.com](http://www.pgh2o.com)).

**21.** Please indicate the number (e.g. 0, 1, 2,...) of each of the following sewer and/or water items that will be part of the work:

1	1
New Water Service Connection(s)	Termination of Existing Water Service Tap(s)
1	1
New Sewer Service Connection(s)	Termination of Existing Sewer Service Tap(s)

**22.** Will the proposed work change the current water consumption and sewer discharge of the building or site?

YES       NO

**23.** If the Development includes the construction of main sewer and/or water lines, then the Applicant is required to select a course of action with regard to ownership of those utilities:

- Applicant requests PWSA to accept ownership of the sewer mains and/or water lines
- Applicant retains private ownership of sewer mains and/or water lines
- Not Applicable (Development does not include construction of sewer mains and/or water lines)

**24.** If Yes to the first or second statement in Item 23, then identify the type of property where the sewer mains and/or water lines will be constructed:

- Public Property, Existing City Street
- Private Property
- Not Applicable
- Public Property, New City Street to be constructed as part of the development/project

**WORK IN AND AROUND THE CITY RIGHTS-OF-WAY**

**25.** Please select the following items that apply to the proposed work:

- Applicant requests to change or designate the name of a City Street.
- The proposed work includes a private structure (e.g. deck, porch, awning, sign, etc.) encroaching on a City dedicated right-of-way.
- Modification or reconstruction of City curbs.
- Design and construction of a new street where the Applicant will request the City to accept ownership of the street.
- Applicant requests the City to vacate an existing City street/sidewalk so the Applicant can use the property for private development.
- The proposed work will create an obstruction of traffic on City rights-of-way.
- The proposed work includes the excavation of a City street or sidewalk.
- The proposed work includes the placement of a demolition dumpster in a City right-of-way.
- The proposed work includes the addition, deletion and/or relocation of City street lights in a City right-of-way.

**26.** Applicant will be applying for a Visitability Tax Credit?       Yes       No

Applicant Signature: \_\_\_\_\_



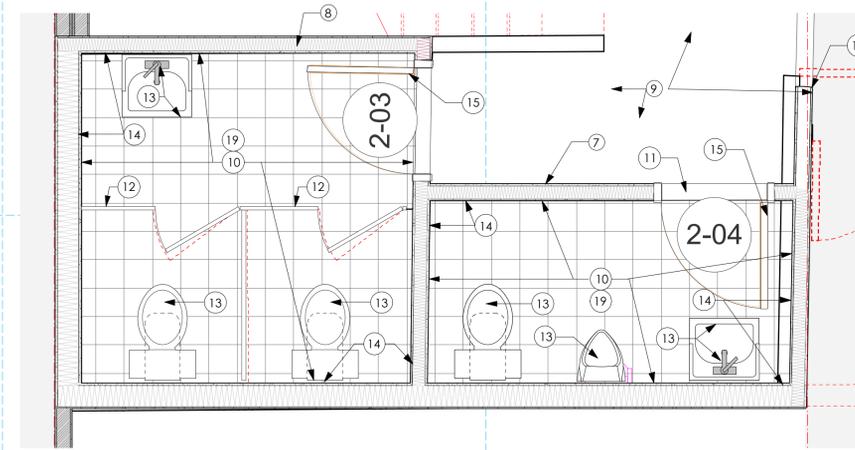


**KEY NOTES:**

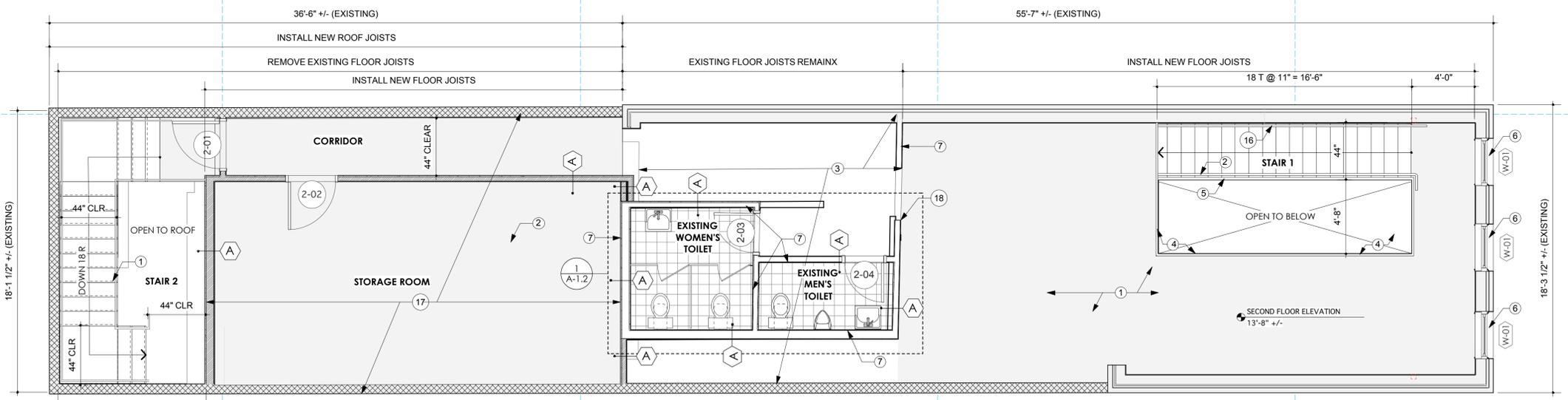
1. REMOVE PORTION OF EXISTING WOOD FRAME FLOOR AND INSTALL NEW WOOD FRAME FLOOR AT ELEVATION + 13'-8" +/- SET FLOOR LEVEL WITH LEVEL OF EXISTING SECOND FLOOR
2. INSTALL NEW STEEL PAN STAIR WITH CONCRETE TREADS
3. EXISTING WOOD FLOOR FRAMING REMAINS. REMOVE EXISTING FINISH FLOOR AND SUBFLOOR. FIELD VERIFY THE CONDITION OF THE EXISTING WOOD JOISTS AND REPAIR / REPLACE AS REQUIRED. INSTALL NEW SUB FLOOR OVER EXISTING JOISTS.
4. INSTALL NEW STEEL GUARDRAIL
5. INSTALL NEW STEEL GUARDRAIL WITH ADA COMPLIANT HANDRAIL
6. INSTALL NEW ALUMINUM DOUBLE-HUNG WINDOW WITH NEW ALUMINUM SILL TO FIT EXISTING OPENING. (TYPICAL)
7. EXISTING WOOD WALL FRAMING REMAINS. REMOVE EXISTING FINISHES AND FIELD VERIFY CONDITION OF EXISTING WOOD FRAMING. REPAIR OR REPLACE DAMAGES WALL FRAMING. CONTRACTOR MAY REPLACE WALL FRAMING WITH NEW FRAMING AT HIS OPTION. INSTALL NEW FINISHES OVER EXISTING/NEW FRAMING PER SCHEDULE.
8. INSTALL NEW FIBERGLASS BATT INSULATION IN EXISTING STUD CAVITIES
9. REMOVE EXISTING FLOOR FINISH AND WOOD SUBFLOOR TO EXPOSE EXISTING WOOD JOISTS. FIELD VERIFY CONDITION OF EXISTING WOOD JOISTS AND REPAIR / REPLACE AS REQUIRED. SEE STRUCTURAL DRAWINGS FOR LIMITS OF NEW AND EXISTING FLOOR CONSTRUCTION
10. INSTALL NEW 3/4" PLYWOOD SUBFLOOR

11. INSTALL NEW VCT TRANSITION. COORDINATE FLOOR FINISHES WITH TENANT
12. REMOVE EXISTING TOILET PARTITIONS. INSTALL NEW TOILET PARTITIONS IN THEIR PLACE.
13. REMOVE EXISTING TOILET FIXTURES AND REPLACE WITH NEW FIXTURES. NEW FIXTURES, OPERATORS AND ACCESSORIES SHALL BE ADA COMPLIANT
14. INSTALL NEW 5/8" MOISTURE RESISTANT GYPSUM WALL BOARD OVER STUD FRAMING. (TYPICAL AT TOILET ROOM INTERIORS )
15. REMOVE EXISTING DOOR AND FRAME FROM EXISTING OPENING AND INSTALL NEW SOLID CORE WOOD DOOR AND HM FRAME IN EXISTING OPENING. PROVIDE ADA COMPLIANT BATHROOM PRIVACY DOOR HARDWARE.
16. INSTALL NEW WALL MOUNTED ADA COMPLIANT HANDRAIL
17. REMOVE EXISTING EQUIPMENT, ROOFING, INSULATION AND ROOF JOISTS. INSTALL NEW WOOD FLOOR JOISTS AT ELEVATION OF EXISTING 2ND FLOOR AND NEW ROOF JOISTS ABOVE. INSTALL ALL NEW HVAC EQUIPMENT ON NEW ROOF. HVAC DESIGNER IS RESPONSIBLE FOR VERIFYING THAT NEW ROOF STRUCTURE IS ADEQUATE TO HOLD PROPOSED ROOFTOP EQUIPMENT.
18. CASE EXISTING OPENING WITH GYPSUM WALL BOARD
19. INSTALL NEW VCT FLOOR FINISH AND BASE - SEE FINISH SCHEDULE

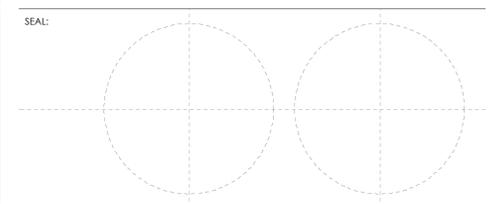
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



1 ENLARGED TOILET ROOM PLAN  
Scale: 1/2" = 1'-0"



2 SECOND FLOOR PLAN  
Scale: 1/4" = 1'-0"



**MORGAN ARCHITECTURE + DESIGN**  
3308 FERRYVILLE AVE  
PITTSBURGH, PENNSYLVANIA 15214  
P: 412.901.7765  
E: DAVID@MORGANARCHITECTS.COM

**CONSULTANTS:**

**STRUCTURAL ENGINEER:** NO STRUCTURAL ENGINEER HAS BEEN RETAINED  
ALL STRUCTURAL ENGINEERING SHALL BE DESIGN/BUILD BY CONTRACTOR

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PRELIMINARY      PROGRESS

PROJECT:  
**RENOVATIONS TO EXISTING BUILDING**  
**4611 FORBES AVENUE**  
PITTSBURGH, PA

CLIENT:  
ALPHABET CITY  
903 PENN AVE  
PITTSBURGH, PA

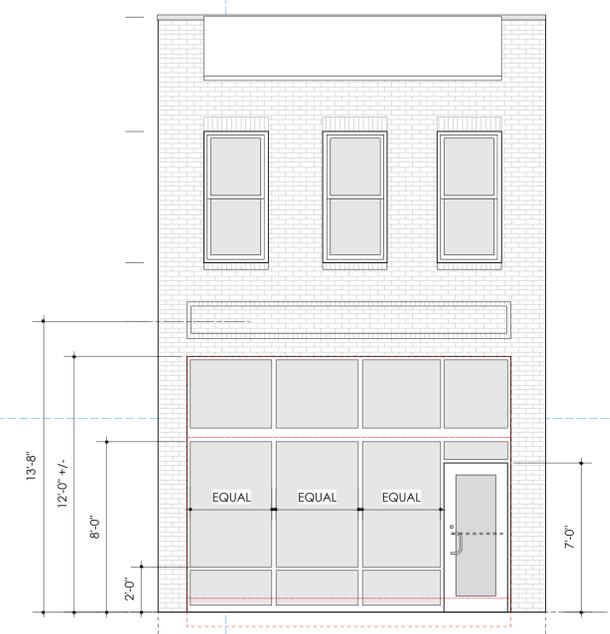
DATE OF ISSUE: 5/4/14

DRAWING NAME:  
**FLOOR PLANS**

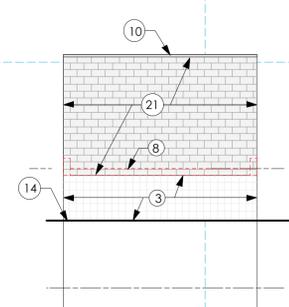
SHEET NUMBER:  
**A-1.2**

**KEY NOTES:**

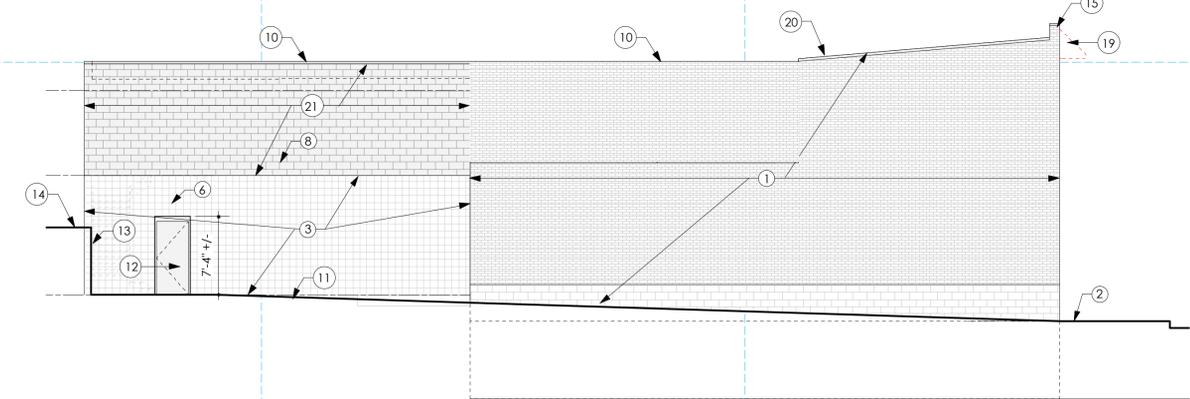
1. EXISTING FACE BRICK REMAINS. CLEAN WITH MILD CHEMICAL CLEANER. POINT EXISTING MORTAR JOINTS WHERE REQUIRED
2. EXISTING SIDEWALK REMAINS. REMOVE EXISTING STEEL SIDEWALK DOOR AND FILL WITH COMPACTED GRAVEL FILL AND CONCRETE SIDEWALK
3. EXISTING CMU WALL REMAINS
4. EXISTING HOLLOW METAL DOOR AND FRAME REMAINS
5. REMOVE PORTION OF EXISTING CMU WALL TO ALLOW FOR NEW GARBAGE RECESS
6. INSTALL NEW CMU LINTEL OVER NEW OPENING
7. EXISTING ADJACENT SIDEWALK SLAB AND STEPS REMAIN
8. REMOVE PORTION OF EXISTING CMU WALL AND COPING
9. INSTALL NEW 10" CMU WALL AT SECOND FLOOR ON EXISTING BRICK WALL
10. INSTALL NEW METAL COPING OVER NEW CMU WALL
11. EXISTING ADJACENT SIDEWALK SLAB REMAINS
12. CUT NEW OPENING INTO EXISTING CMU WALL AND INSTALL NEW HM DOOR AND FRAME IN NEW OPENING
13. EXISTING RETAINING WALL REMAINS
14. APPROXIMATE LEVEL OF EXISTING PARKING LOT
15. REMOVE PORTION OF EXISTING BRICK PARAPET AND COPING. RE BUILD MASONRY AND INSTALL NEW METAL COPING
16. REMOVE EXISTING WOOD AND GLASS STOREFRONT FROM EXISTING OPENING. REMOVE EXISTING CONCRETE SILL TO LEVEL OF EXISTING SIDEWALK. INSTALL NEW KAWNEER ALUMINUM AND GLASS STOREFRONT IN ALTERED OPENING.
17. INSTALL NEW 3'-0" X 7'-0" ALUMINUM WILD STILE DOOR BY KAWNEER.
18. REMOVE EXISTING DOUBLE HUNG WINDOWS AND INSTALL NEW ALUMINUM DOUBLE HUNG WINDOWS - COLOR TO MATCH NEW FIRST FLOOR STOREFRONT
19. REMOVE EXISTING WOOD FRAME OVERHANG. POINT AND REPAIR EXISTING BRICK BEHIND. VERIFY CONDITION OF EXISTING WOOD FRAMING AND REPAIR AND/OR REPLACE AS REQUIRED. (NEW WOOD SHALL BE PRESSURE TREATED) INSTALL NEW PLYWOOD ROOF SHEATHING, 30# BUILDING PAPER AND NEW BLACK FIBERGLASS SHINGLES
20. REMOVE EXISTING TERRA COTTA COPING FROM ENTIRE PERIMETER. INSTALL NEW METAL COPING (TYPICAL)
21. INSTALL NEW 8" CMU WALL AT SECOND FLOOR ON EXISTING CMU WALL



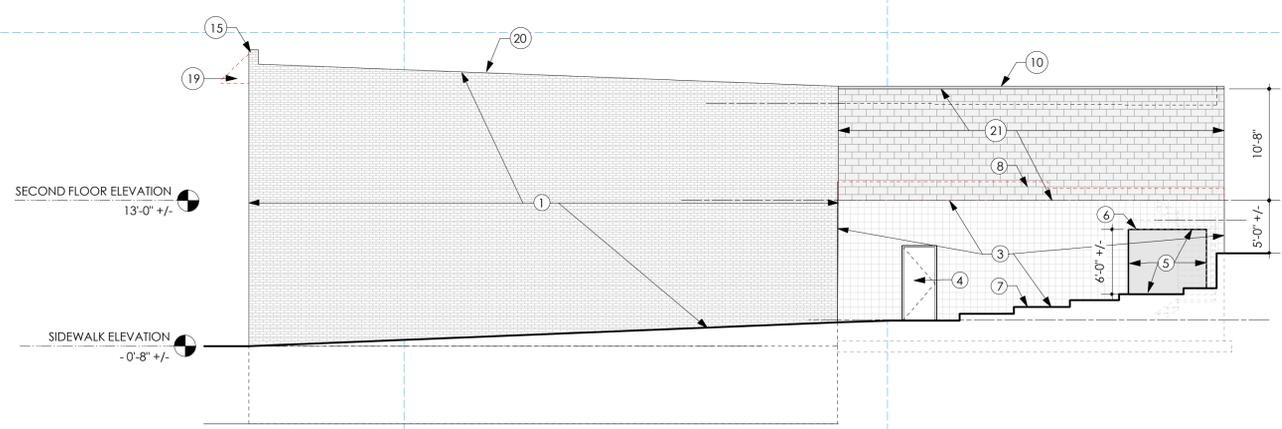
**1** ENLARGED FRONT ELEVATION  
Scale: 1/4" = 1'-0"



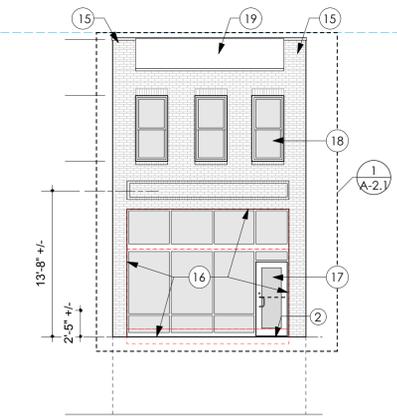
**W** WEST (REAR) ELEVATION  
Scale: 1/8" = 1'-0"



**S** SOUTH ELEVATION  
Scale: 1/8" = 1'-0"

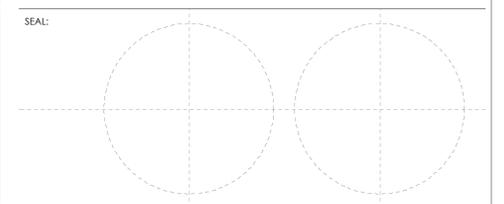


**N** NORTH ELEVATION  
Scale: 1/8" = 1'-0"



**E** EAST (FRONT) ELEVATION  
Scale: 1/8" = 1'-0"

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



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PRELIMINARY	PROGRESS
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**PROJECT:**  
RENOVATIONS TO EXISTING BUILDING  
**4611 FORBES AVENUE**  
PITTSBURGH, PA

**CLIENT:**  
ALPHABET CITY  
903 PENN AVE  
PITTSBURGH, PA

DATE OF ISSUE: 5/4/14

DRAWING NAME:  
**EXTERIOR ELEVATIONS**

SHEET NUMBER:

**A-2.1**



**DEPARTMENT OF CITY PLANNING  
DEVELOPMENT ADMINISTRATION AND REVIEW (ZONING)**

Office of the Zoning Administrator

200 ROSS STREET • THIRD FLOOR • PITTSBURGH • PENNSYLVANIA • 15219

PDP 14-62  
Date Filed: *Jaid*

6-17-14

*(Zoning Use Only)*

**DEVELOPMENT REVIEW APPLICATION**

The Development Review Application **can be** used for the following:

- New Construction of a Primary Use Structure larger than a 2-Family Dwelling. (Including new Non-Residential Primary Use Structures);
- Any project or development that requires a Land Operations Permit;
- Any other types of work not listed under the Walk-Through and Zoning Applications.

**GENERAL INFORMATION**

1. Property Owner Name: <b>PITTSBURGH CULTURAL TRUST</b>		Phone Number: ( 412 ) 471-5198	
Address: <b>803 LIBERTY AVENUE</b>	City: <b>PITTSBURGH</b>	State: <b>PA</b>	Zip Code: <b>15222</b>
2. Applicant/Company Name: <b>GARY CARLOUGH / GBBN ARCHITECTS</b>		Phone Number: ( 412 ) 345-5005	
Address: <b>5411 PENN AVENUE</b>	City: <b>PITTSBURGH</b>	State: <b>PA</b>	Zip Code: <b>15206</b>
Applicant/Contractor ID:(assigned by the City)			
3. Development Name: <b>943 LIBERTY AVE.</b>			
4. Development Location:			
5. Development Address:			
6. If applicant is proposing a change to the Zoning District, the following is required: (Attach Zone Change Petition) <b>N/A</b>			
Proposed Zoning District:			
Present Use of Site: (Select from attached list)			
7. If a Certificate of Occupancy exists, the following is required:			
Certificate of Occupancy#:		Date Issued:	Existing Use of Property:
8. Estimated Construction: Start Date: / /		Occupancy Date: / /	Project Cost: \$ <b>85,000</b>
Use the attached Worksheet to continue answering the questions. For additional reference in answering Items 9-12 go to <a href="http://pittsburghpa.gov/dcp/zoning/">pittsburghpa.gov/dcp/zoning/</a> and select the link for the City Zoning Code maintained at the Municode.com website.			
9. Proposed Use of Site (Select from attached list):			
10. Select the Type of Work:			
<input type="checkbox"/> New Construction, New		<input type="checkbox"/> Renovation, Interior	
<input type="checkbox"/> New Construction,		<input checked="" type="checkbox"/> Renovation, Exterior	
<input type="checkbox"/> Change in Use Only		<input type="checkbox"/> Renovation, Change in Use	
11. Describe the Development: <b>Renovation of existing south facade at Liberty Avenue. Envelope improvements include replacement of windows, and a new storefront. Repointing and refinishing of brick facade. Restoration of tile flooring at building entrance. Installation of new lighting fixtures.</b>			
12. Is a Land Operations Permit needed? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
(See the Bureau of Building Inspection (BBI) website for activities requiring a Land Operations Permit, <a href="http://www.city.pittsburgh.pa.us/bbi/">http://www.city.pittsburgh.pa.us/bbi/</a> )			



**DEPARTMENT OF CITY PLANNING  
DEVELOPMENT ADMINISTRATION AND REVIEW (ZONING)**

Office of the Zoning Administrator

200 ROSS STREET • THIRD FLOOR • PITTSBURGH • PENNSYLVANIA • 15219

**DEVELOPMENT REVIEW APPLICATION**

**LAND AND BUILDING INFORMATION**

**13. Proposed Number of New Structures or Building Additions:**  N/A  
 Residential       Commercial       Recreational       Industrial       Institutional

**14. Gross Floor Area:**  
 Existing to be Razed: 0 sq ft  
 Existing to be Retained: 2,640 sq ft  
 Retained Area to be Renovated: EXTERIOR FACADE ONLY sq ft  
 To be Constructed: 0 sq ft  
 Building Footprint: 2,640 sq ft

	Existing		Proposed	
	Stories	Feet	Stories	Feet
Main Structure	2	37'-0"		
Proposed Addition/Extension	N/A	N/A		

Provide Accessory Structure Type(s) and Height(s):


**16. Number of Dwelling Units:**  
 Existing to Remain: \_\_\_\_\_ Proposed: \_\_\_\_\_

**17. Lot Area:** 2,640 sq ft

**18. On Site Parking:**  N/A

	Existing	Proposed
Full (8 1/2' x 19')		
Compact (7 1/4' x 16')		
Handicap (13 1/2' x 19')		

Off-Street Loading Spaces:  N/A  
 Actual: \_\_\_\_\_  
 Required: \_\_\_\_\_

**19. Please check any of the following items that will be part of the proposed work:**  N/A  
 Demolition       HVAC (Interior)       HVAC (Exterior)       Electrical       Fire Alarm  
 Fire Protection/Sprinklers       Deck Construction       Commercial Cooking Hood       Sign

**20. Please check the following items that pertain to any work proposed on private plumbing:**  
 (i.e. plumbing between a public sewer or water line and a building, including plumbing inside the building).  
 Repair or Replace Existing Plumbing       New Construction of Plumbing       No Plumbing Work is Proposed



**DEPARTMENT OF CITY PLANNING  
DEVELOPMENT ADMINISTRATION AND REVIEW (ZONING)**

Office of the Zoning Administrator

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**DEVELOPMENT REVIEW APPLICATION**

**WATER AND SEWER INFORMATION**

*NOTE: The term "sewer" refers to sanitary sewers, storm sewers and combined sewers owned by the City of Pittsburgh.*

For reference in answering Items 21-24, please refer to the Pittsburgh Water and Sewer Authority's Procedures Manual for Developers (available at [www.pgh2o.com](http://www.pgh2o.com)).

21. Please indicate the number (e.g. 0, 1, 2,...) of each of the following sewer and/or water items that will be part of the work:

\_\_\_\_\_ New Water Service Connection(s)                      \_\_\_\_\_ Termination of Existing Water Service Tap(s)  
 \_\_\_\_\_ New Sewer Service Connection(s)                      \_\_\_\_\_ Termination of Existing Sewer Service Tap(s)

22. Will the proposed work change the current water consumption and sewer discharge of the building or site?

YES                       NO

23. If the Development includes the construction of main sewer and/or water lines, then the Applicant is required to select a course of action with regard to ownership of those utilities:

- Applicant requests PWSA to accept ownership of the sewer mains and/or water lines
- Applicant retains private ownership of sewer mains and/or water lines
- Not Applicable (Development does not include construction of sewer mains and/or water lines)

24. If Yes to the first or second statement in Item 23, then identify the type of property where the sewer mains and/or water lines will be constructed:

- Public Property, Existing City Street                       Private Property                       Not Applicable
- Public Property, New City Street to be constructed as part of the development/project

**WORK IN AND AROUND THE CITY RIGHTS-OF-WAY**

25. Please select the following items that apply to the proposed work:

- Applicant requests to change or designate the name of a City Street.
- The proposed work includes a private structure (e.g. deck, porch, awning, sign, etc.) encroaching on a City dedicated right-of-way.
- Modification or reconstruction of City curbs.
- Design and construction of a new street where the Applicant will request the City to accept ownership of the street.
- Applicant requests the City to vacate an existing City street/sidewalk so the Applicant can use the property for private development.
- The proposed work will create an obstruction of traffic on City rights-of-way.
- The proposed work includes the excavation of a City street or sidewalk.
- The proposed work includes the placement of a demolition dumpster in a City right-of-way.
- The proposed work includes the addition, deletion and/or relocation of City street lights in a City right-of-way.

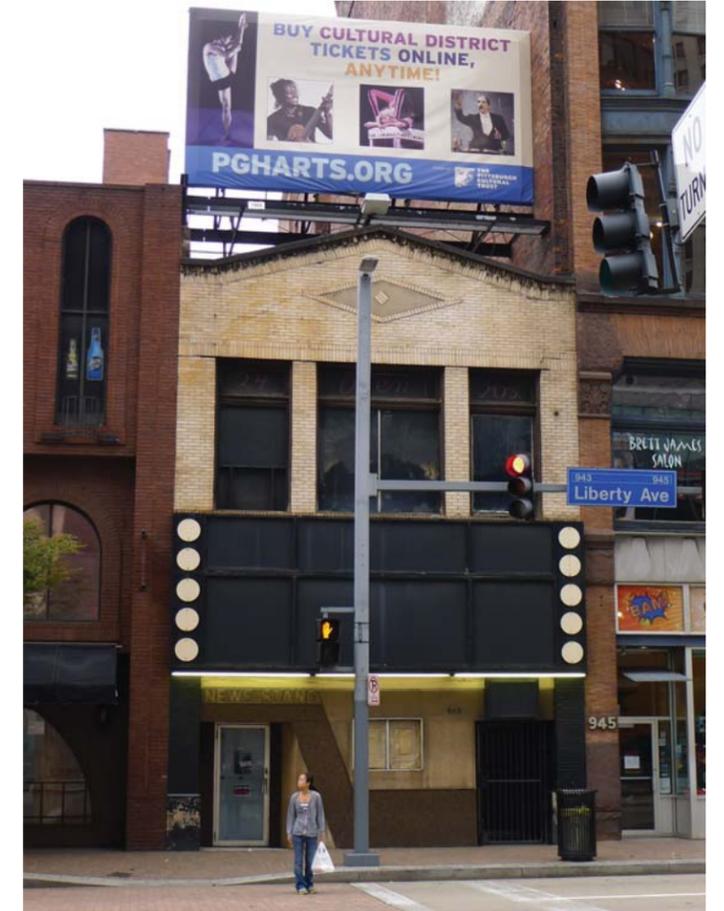
26. Applicant will be applying for a Visitability Tax Credit?                       Yes                       No

Applicant Signature: \_\_\_\_\_



# SITE PLAN | EXG CONDITIONS

Cultural Trust of Pittsburgh | 943 Liberty Avenue



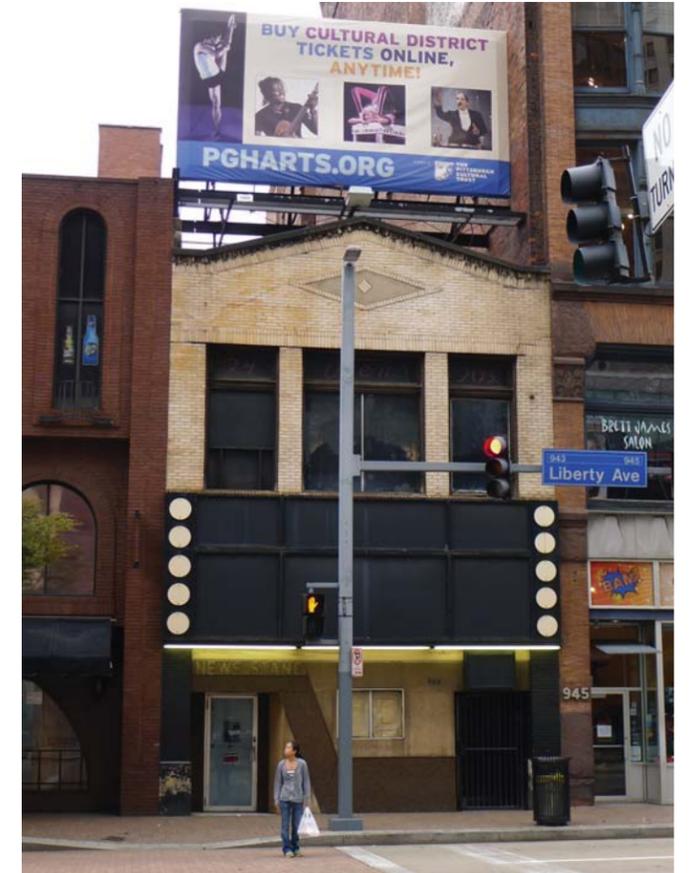
VIEW 1



VIEW 2



VIEW 3



Existing Condition

Clockwise from the top  
 March 18, 1936  
 April 29, 1920  
 ca. 1950

# DOCUMENTATION | PHOTOGRAPHY

Cultural Trust of Pittsburgh | 943 Liberty Avenue

2014.02.05





*\* Billboard is owned by the Cultural Trust as part of its building ownership and used only to market the Trust website*

# FACADE ELEVATION | RENDERING

Cultural Trust of Pittsburgh | 943 Liberty Avenue

2014.02.05





## WORK SCOPE

### BRICK/STONE

- Repointing and refinishing of brick facade
- Removal of paint and finishing of existing stone plinth

### GLAZING

- New aluminum storefront partition at ground level inspired by the original storefront design.
- Restoration of existing transom windows
- New aluminum frame windows at second floor

### FLOORING

- Restoration of existing tile flooring at building entrance

### CEILING

- Refinishing of exposed beam at ground level
- New ceiling at entrance

### LIGHTING

- New lighting fixtures at bulkhead at bulkhead
- New wall lighting fixtures

## FACADE ELEVATION | WORK SCOPE

Cultural Trust of Pittsburgh | 943 Liberty Avenue

2014.02.05