

**APPLICATION FOR CERTIFICATE OF APPROPRIATENESS (COA)**

Building address 324 West Fourth Street & 327 Broadway

Owner of building Sycamore Hill Farm Development

Owner's email & mailing address

Applicant Larson Lovdal

Applicant's email & mailing address

Street and Number 301 Broadway, City Bethlehem

State PA

Zip Code 18015

Suite 500

Phone: [REDACTED]

**APPLICANT MUST ATTEND MEETING FOR CASE TO BE HEARD.  
USE THE CHECKLIST ON THE BACK OF THIS APPLICATION TO ENSURE YOUR SUBMISSION IS COMPLETE.**

*Historic & Architectural Review Board - Application form, photographs, and drawings (if necessary) must be submitted by 12:00 Noon on the last Wednesday of the month in order to be placed on the agenda for the next meeting.*

*South Bethlehem & Mount Airy Historic Conservation Commission - Application form, photographs, and drawings (if necessary) must be submitted by 12:00 noon on the second Monday of the month in order to be placed on the agenda for the next meeting.*

**1. PHOTOGRAPHS** - Photographs of your building and neighboring buildings **must accompany** your application.

**2. TYPE OF WORK PROPOSED** - Check all that apply. Please bring any samples or manufactures specifications for products you will use in this project.

- Trim and decorative woodwork
- Siding and Masonry
- Roofing, gutter and downspout
- Windows, doors, and associated hardware
- Storm windows and storm doors
- Shutters and associated hardware
- Paint (Submit color chips - HARB only)
- Skylights
- Metal work
- Light fixtures
- Signs
- Demolition
- Other

**3. DRAWINGS OF PROPOSED WORK** - Required drawings **must accompany** your application. Please submit **ONE ORIGINAL AND TEN (10) COPIES OF DRAWINGS, PHOTOGRAPHS, APPLICATION FORM AND ANY SPECIFICATIONS**

- Alteration, renovation, restoration (1/4 or 1/8"=1'0" scale drawings required IF walls or openings altered.)
- New addition (1/4" or 1/8"=1'0" scale drawings: elevations, floor plans, site plan)
- New building or structure (1/4" or 1/8"=1'0" scale drawings: elevations, floor plans, site plan)
- Demolition, removal of building features or building (1/4" or 1/8"=1'0" scale drawings: elevation of remaining site and site plan)
- A scale drawing, with an elevation view, is required for all sign submittals

**4. DESCRIBE PROJECT** - Describe any work checked in #2 and #3 above. Attach additional sheets as needed. Attached

**5. APPLICANT'S SIGNATURE**



DATE: 6/11/2018

**Renovation and Reuse of 324 West Fourth Street & 327 Broadway**  
*May 10, 2018*

**General Description**

324 West Fourth Street & 327 Broadway is a single build that emerged through several stages of combination and alteration over the last century. Originally built as the South Bethlehem Supply Company at 327 Broadway and Degnan's Department Store 322-324 West Fourth Street. The building has progressed through many uses, most recently a garage. The intention of this project is to significantly reinvest in the building, upgrading it once again to occupied space, incorporating a district justice ion the Broadway level and a n emerging microbrewery in the West fourth Street level. All facades will be improved based on historic photographic images and existing elements of the building, often found concealed under layers of newer construction.

324 West Fourth Street is a three story structure with a distinctive shape. Due to the site's sloped topography, the Fourth Street elevation is two stories tall and the Broadway elevation is three stories tall (Fourth Street's first level is Broadway's second level). Fourth Street's elevation is approximately 80 feet long and Broadway's elevation is approximately 45 feet long. The east side of the building has two elevations and the west side of the building has three elevations. Two sections of the east elevations share the walls of its neighbor and a small section faces the rear yard of the neighbors. One section of the west elevations share the walls of its neighbor and the two other west elevations face a parking lot.

The building first appeared on Sanborn insurance maps between 1885 and 1887 and it was labeled as "South Bethlehem Supply Company." Early photos of the South Bethlehem Supply Company indicated that the building was brick and had second and third story windows. In the 1912 Sanborn insurance map the building was labeled as "J. M. Degnan Company." A 1915 advertisement indicated that the company was a department store. After 1915, the building's use is unknown. The facades facing Fourth Street, Broadway, and the parking lot were then altered to accommodate the building's new use. All windows on the Fourth Street and Broadway facades were replaced with larger windows and stucco or EIFS was placed over the existing brick. A stucco or EIFS wall was then placed over the still in place second floor windows on the Fourth Street façade.

Fourth Street's facade has a large opening and a vehicle entrance stretching across the first level. Its second level is a featureless stucco or EIFS wall stretching the length of the façade and upward to the roof. Broadway's elevation contains eight windows and a vehicle exit. Four of the windows have frames and glass panes still in-tact, and the other four are openings. The façade is covered with painted stucco or EIFS and includes columns and detailing, which are remnants of the façade that existed before the building's transformation. The painted stucco or EIFS west facades of the garage have five window openings and a vehicle entrance on the first level and two window openings on the second level. The east wall of the garage open to the rear courtyard contains no windows and is made of the original 1886 brick. Three years ago, solar panels were placed on the roof and are still in use today.

The garage's interior contains three levels of parking covering the entire area of the building. The first level has a one way circulation, with the entrance at the west elevation and the exit at Broadway. Parking spaces are located along the wall facing Fourth Street, and on both sides of the single travel lane. An enclosed staircase is located in a corner against the Broadway elevation. The second level has a two way circulation with the entrance at the Fourth Street elevation. Parking spaces are located on the east side of the travel lane and along the Fourth Street wall. There is a single lane ramp with a steep grade leading up to the third level along the west elevation. A staircase is located in a corner near the Fourth Street elevation and the enclosed staircase against the Broadway elevation continues from the first level. The third level has parking on the west side of the travel lane and parking along the Fourth Street elevation. The enclosed staircase continues from the second and first levels. Five windows exist along the Fourth Street elevation and all of them are covered on the outside by that concrete wall. Much of the interior is in a deteriorating state. Water damage can be seen in the third level, all the window panes have been broken, and the structure itself is crumbling. The basement of the building showed more evidence of the deteriorating state of the building. All the original columns were either wood or steel that has been mostly rusted away. Tens of newer columns have been placed to support the weight of the building, and many of the walls were crumbling.

**Statement of Significance:** The South Bethlehem historic District is a National Historic District located in Bethlehem, Northampton County, Pennsylvania. The district includes 288 contributing buildings and 2 contributing objects. It encompasses a concentration of late-19th through early 20th century commercial, municipal, industrial and residential buildings in Bethlehem. Most of the buildings date from about 1900 to 1935. Notable non-residential buildings include several Bethlehem Steel-related buildings, the South Bethlehem Post Office (1916), Bethlehem Public Library (1929), Protection Firehouse (Touchstone Theater, 1875), Holy Infancy Catholic Church (1892), St. John Windish Lutheran Church (1910), Windish Hall (c. 1915), and the Banana Factory (c. 1900), and the E.P. Wilbur Trust Building (1910).

The architect and the builders of the building are unknown. The building was built sometime in 1886. The South Bethlehem Supply Company, which was the building's first tenant, was once one of the largest general stores in Pennsylvania. It had a floor space of 20,370 square feet. Broadway had a first floor entrance and Fourth Street had a second floor entrance. One of the store's chief departments was the buying, preparing, and selling of meats. In 1886, the company constructed one of the finest and best equipped packing and refrigeration plants in the country. Francis Fenner was one of the managers and a large stockholder of the company. Additionally, Fenner was the President of the Sehiller Mining Company in Aspen, Colorado. The chairman of the South Bethlehem Supply Company was Robert Linderman, who was also the Director of the Bethlehem Iron Company. This store was a major contributor to South Bethlehem's growth at a time when South Bethlehem and Fountain Hill were rapidly expanding. The J. M. Degnan Company Department Store also played a major role in the community. James Degnan worked with his father's business after graduating from South Bethlehem High School. After his father's death, he took over the company and in November 1911 the firm consolidated with the South Bethlehem Supply Company under the firm name of J. M. Degnan Company. It was a department store that owned and operated locations on Third and Fourth Streets. The department store specialized in the buying, selling, trading, and dealing in groceries, provisions, hardware, furniture, utensils,

clothing, dry goods, and household and personal supplies. In 1915, the department store was a sponsor for the South Bethlehem semi-centennial celebration and its events.

The building has been assessed by the Pennsylvania Historical & Museum commission for historic tax credit as a contributing building. It was denied based on the extreme alterations of the building over time. While the building is located in the South Bethlehem Historic District, it is deemed non-contributing. The goal of the work is to make the building contribute significantly to the improvement of the streetscape, pedestrian and civic activity of the SBHD.

The objective of Phase I investment is to create a weather-tight enclose around the entire building structure. This entails providing new windows storefront and doors in all exterior openings.

## 324 West Fourth Street and 327 Broadway Renovation

### Scope of Exterior Work

#### 4<sup>th</sup> Street Elevation:

- Secure entire existing building enclosure
  - Install new ground floor storefront system.
  - Install new hydraulic rising door on the north end of the façade. For access to floor area
- Clean and repaint existing upper level EIFS
- Addition of recessed main door in the center of the façade where the historic entrance to Degan's was located.
- Reopening of three existing light wells below the storefront system. Two larger ones will receive tempered glass to allow light into the court room. The third will receive a matching finish aluminum louver.
- All metal, include opaque panels below storefront system, to be finished in matching dark bronze. Samples will be brought to the presentation.
- Install new required pedestrian egress door at the north end of the façade in matching finish.

#### West Elevation:

- Replace windows in all existing openings with metal true divided-lite windows in matching dark bronze finish.
- Add a matching sectional roll up door with a single row of glass and opaque dark bronze panels.
- Install new required pedestrian egress door from garage.

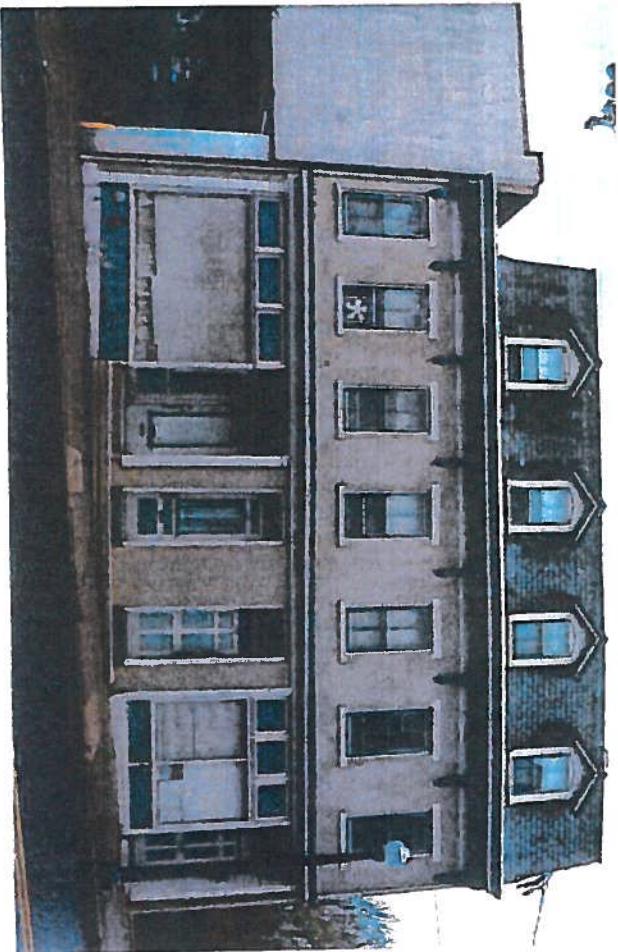
#### Broadway Elevation:

- Install new storefront at street level (already approved)
- Install new fixed steel thin-mullion windows in upper level east bays.
- Install new hydraulic lift thin-mullion windows in upper level center and west bays.
- Add new building wall signage on east plaster at street level.
- Install 2 flush LED uplights in sidewalk to uplight the two center pilasters.



01

316 - 320 W 4<sup>th</sup> Street  
North facade, looking south  
Apartments  
4/25/2018



03

326 - 330 W 4<sup>th</sup> Street  
North facade, looking south  
Apartments  
4/25/2018

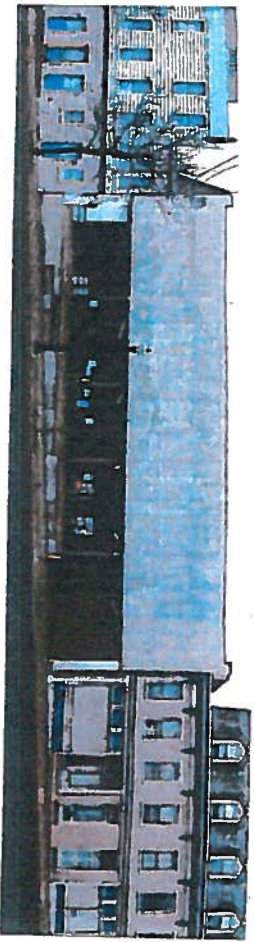


05

322 - 324 W 4<sup>th</sup> Street / 327 Broadway  
Southwest facade, looking north  
Parking Garage, Parking lot  
12/11/2017







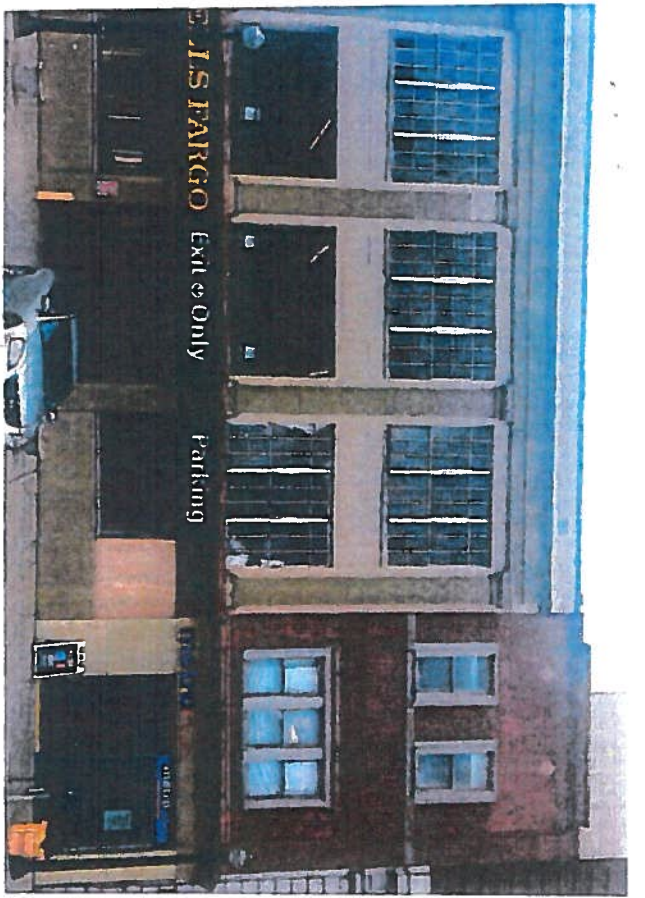
02  
322 - 324 W 4th Street  
North facade, looking south  
Parking Garage (Compiled Image)  
4/25/2018



04  
322 - 324 W 4th Street / 327 Broadway  
Southwest facade, looking northeast  
Parking Garage, Wells Fargo Drive-thru  
12/11/2017



06  
327 Broadway  
Southwest + southeast facade, looking east  
Parking Garage, 325 Broadway, Wilbur Trus  
12/11/2017



07

327 Broadway + 325 Broadway to east  
Southeast facade, looking northwest  
Parking Garage, Metro PCS Retail Store  
12/11/2017

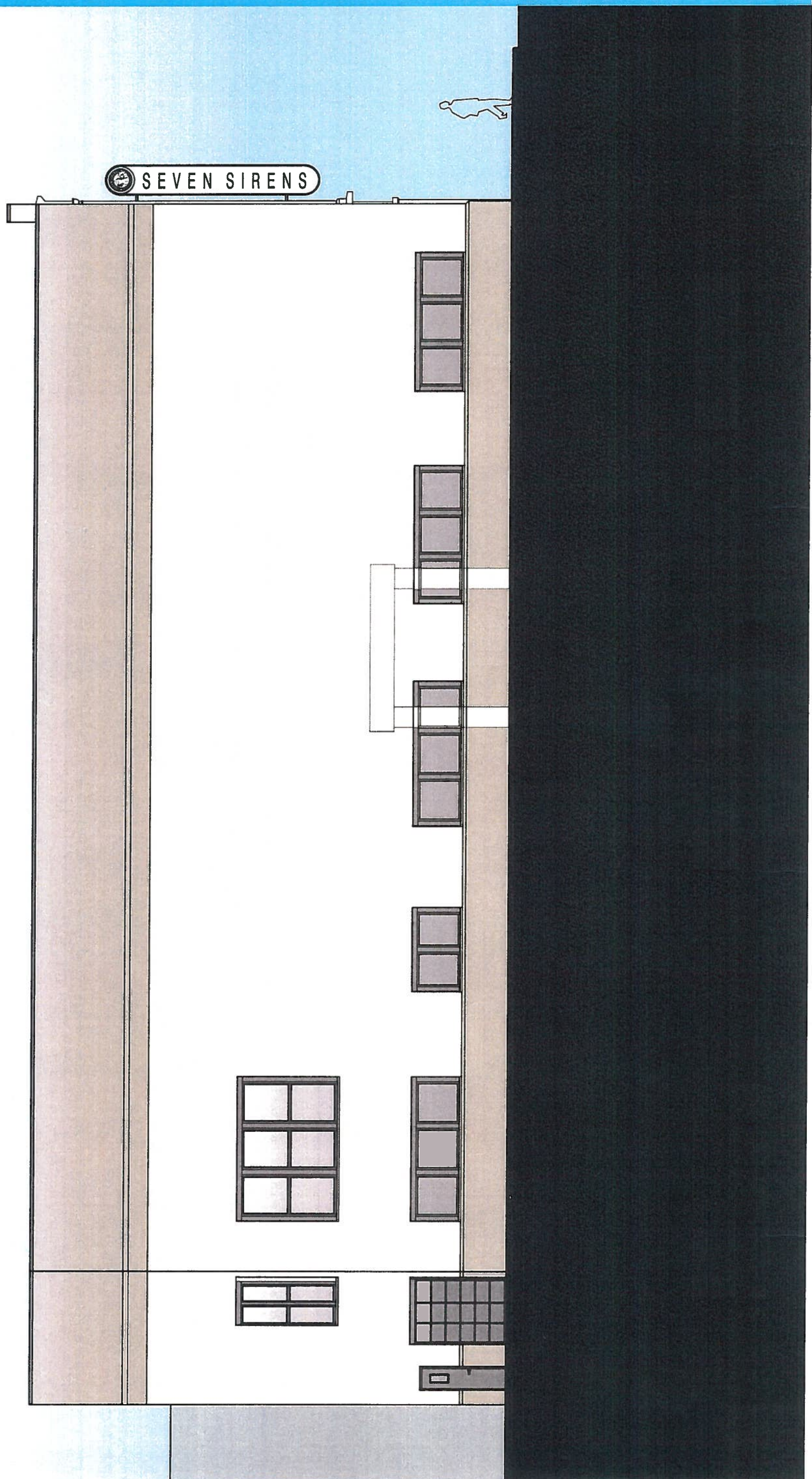




OFFICE FOR PLANNING AND ARCHITECTURE



# OFFICE FOR PLANNING AND ARCHITECTURE



06.11.2018





OFFICE FOR PLANNING AND ARCHITECTURE



EXISTING SPACE

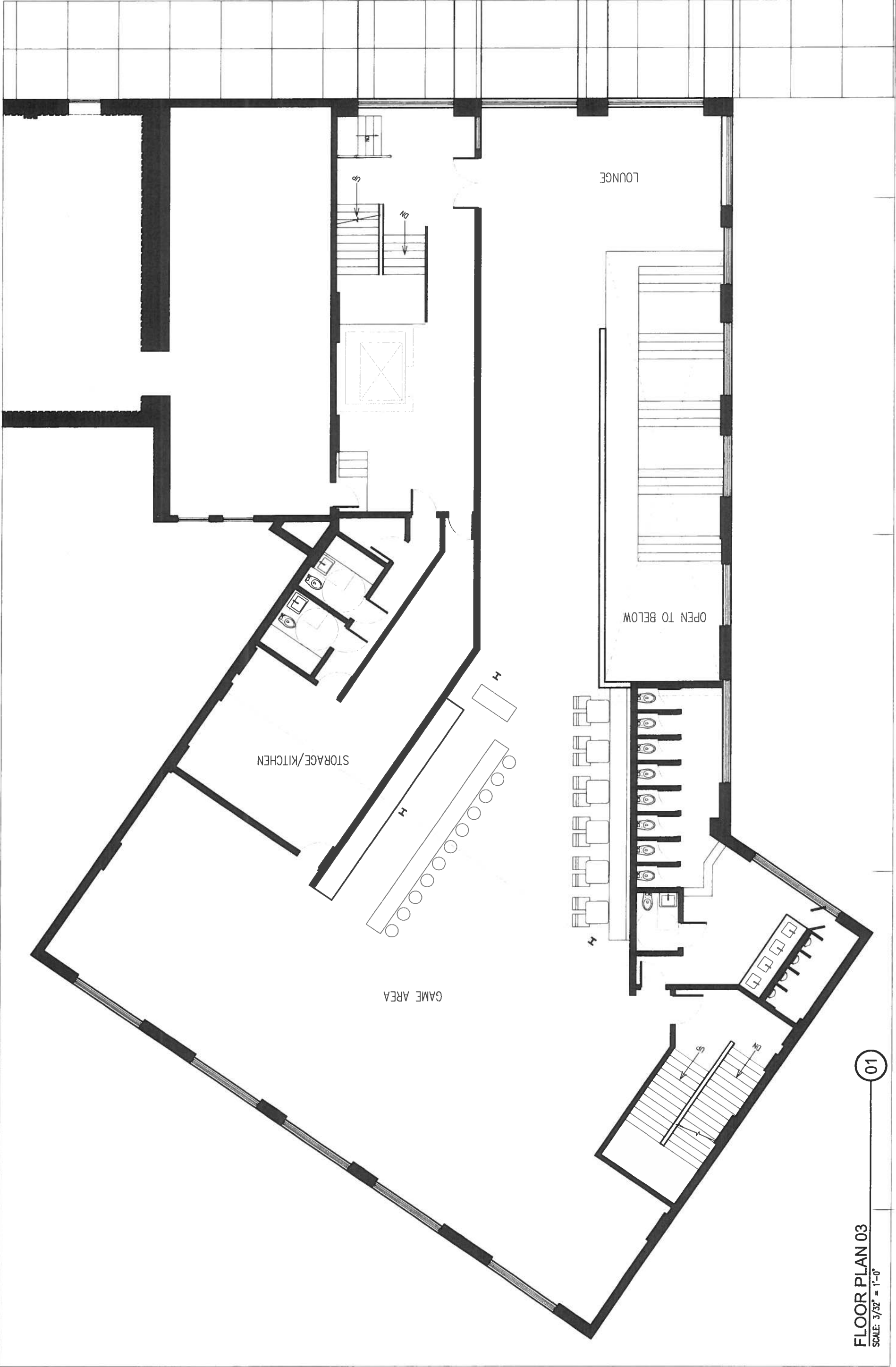
ISSUE 06.11.2018  
DRAWN BY WPA

PROJECT Garage Renovation  
301 Broadway Bethlehem, Pa  
PROJECT NO.

CLIENT Sycamore Hill Farm  
Development, LLC.  
Bellehem, PA 18015

Office for Planning and Architecture  
234 Liberty Street  
Harrisburg, PA 17101

o: 717.230.9660  
f: 717.230.9664  
www.oparchitecture.com

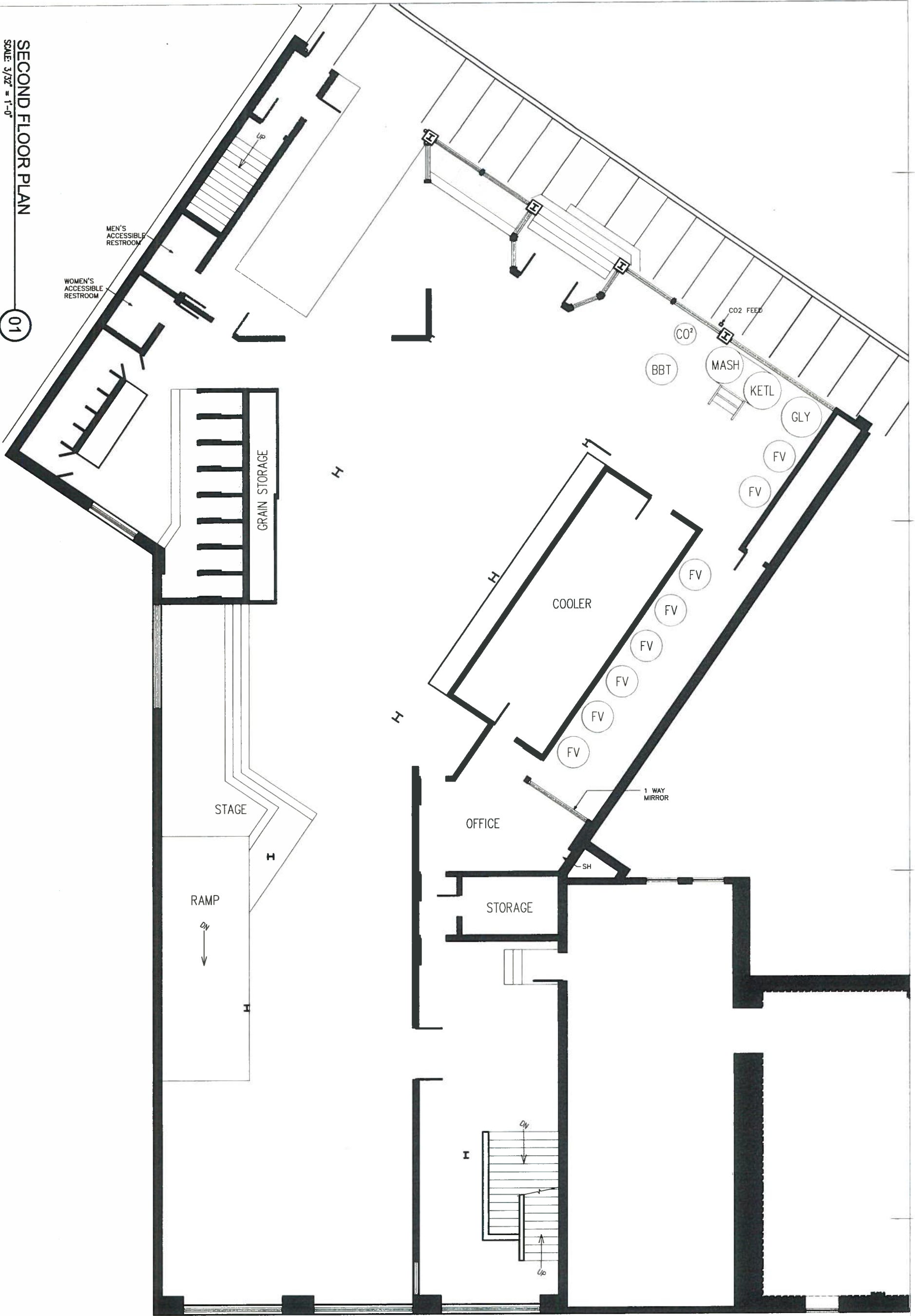




SECOND FLOOR PLAN

SCALE: 3/32" = 1'-0"

01



A-101

PROPOSED

SCALE  
3/32" = 1'-0"

ISSUE  
06.11.2018

DRAWN BY  
WPA

PROJECT  
Garage Renovation  
PROJECT NO.  
301 Broadway Bethlehem, Pa

CLIENT  
Sycamore Hill Farm  
Development, LLC.  
301 Broadway,  
Bethlehem, PA 18015



Office for Planning and Architecture  
234 Liberty Street  
Harrisburg, PA 17101

o: 717.230.9660  
f: 717.230.9664  
www.oparchitecture.com

FLOOR PLANS

SCALE 1/8" = 3/32"

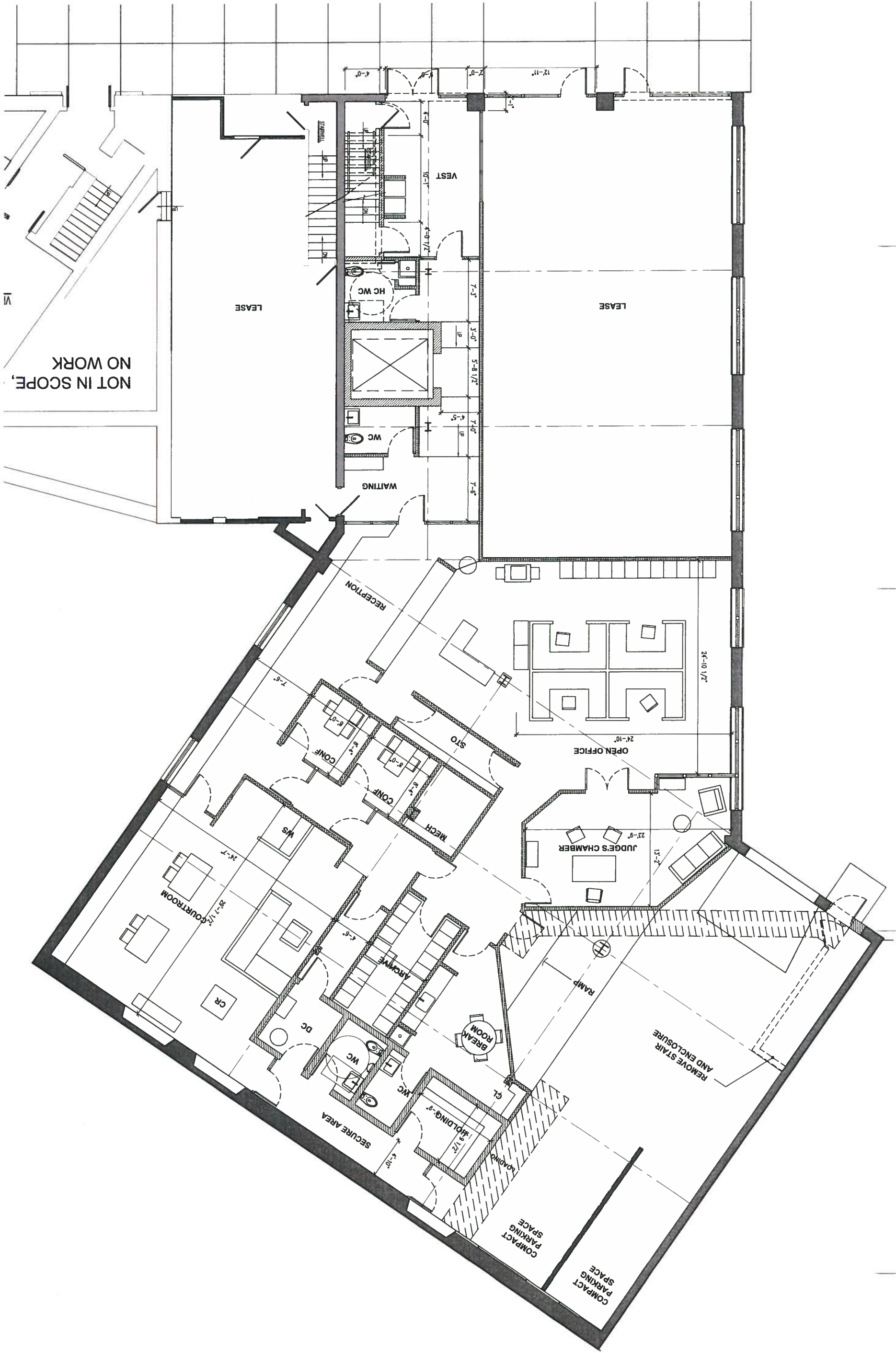
ISSUE 06.11.18  
DRAWN BY CBM

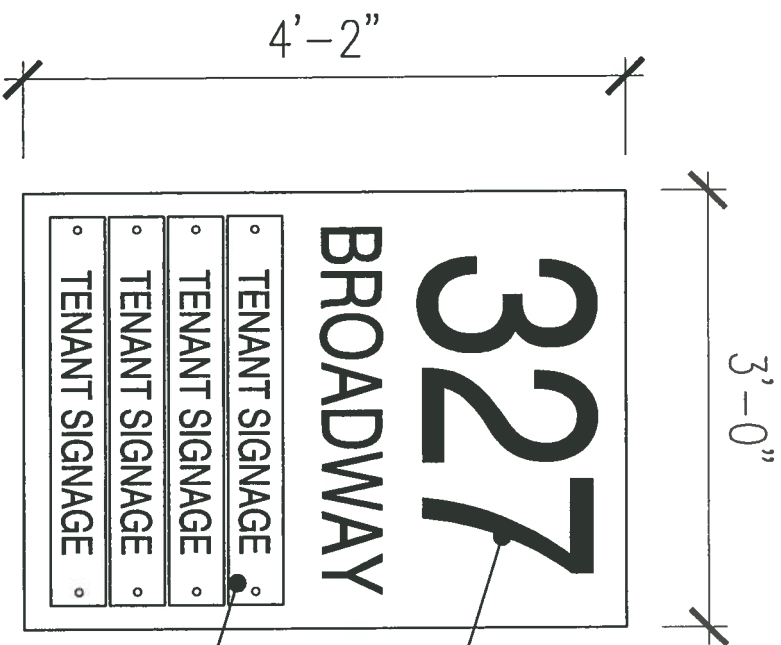
PROJECT Magisterial Court Development, LLC  
PROJECT NO. 301 Broadway, Bethlehem, PA

CLIENT Sycamore Hill Farm Development, LLC  
301 Broadway, Bethlehem, PA

Office for Planning and Architecture  
234 Liberty Street  
Harrisburg, PA 17101

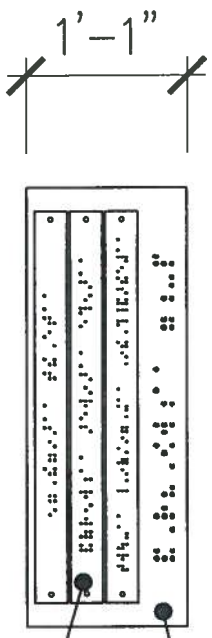
717.230.9664  
www.oparchitecture.com





NEW TENANT SIGNAGE TO BE BRONZE RAISED LETTERS TO MATCH STOREFRONT FINISH ON BRASS SURFACE MOUNTED PANEL. RAISED LETTERS ARE TO BE BACKLIT AND CENTERED ON SIGN. SIGN AREA IS 12.6 SF.

TENANT SIGNAGE TO BE INTERCHANGEABLE WITH REMOVABLE PANELS.



NEW ADA SIGNAGE IN BRAILLE ON BRASS SURFACE MOUNTED SIGN. BUILDING ADDRESS IN BRAILLE IS ON FIXED PANEL. TENANT SIGNAGE IN BRAILLE IS TO BE INTERCHANGEABLE WITH REMOVABLE PANEL. SIGN AREA IS 3.3 SF.

BUILDING FACADE TOTAL AREA IS 1992.8 SF.  
TOTAL SIGN AREA AT BROADWAY ENTRANCE IS 15.9 SF.

SIGNAGE DIAGRAM

01

SCALE: 3/4" = 1'-0"

NOT FOR CONSTRUCTION

A-304

PROPOSED SIGNAGE

ISSUE 06.11.18  
DRAWN BY CBM

PROJECT Garage Renovation  
PROJECT NO. 301 Broadway Bethlehem, Pa

CLIENT Sycamore Hill Farm Development, LLC.  
301 Broadway, Bethlehem, PA 18015

Office for Planning and Architecture  
234 Liberty Street  
Harrisburg, PA 17101  
o: 717.230.9660  
f: 717.230.9664  
www.oparchitecture.com



# PROPOSED ELEVATION

SCALE  
1"0" = 3/16"

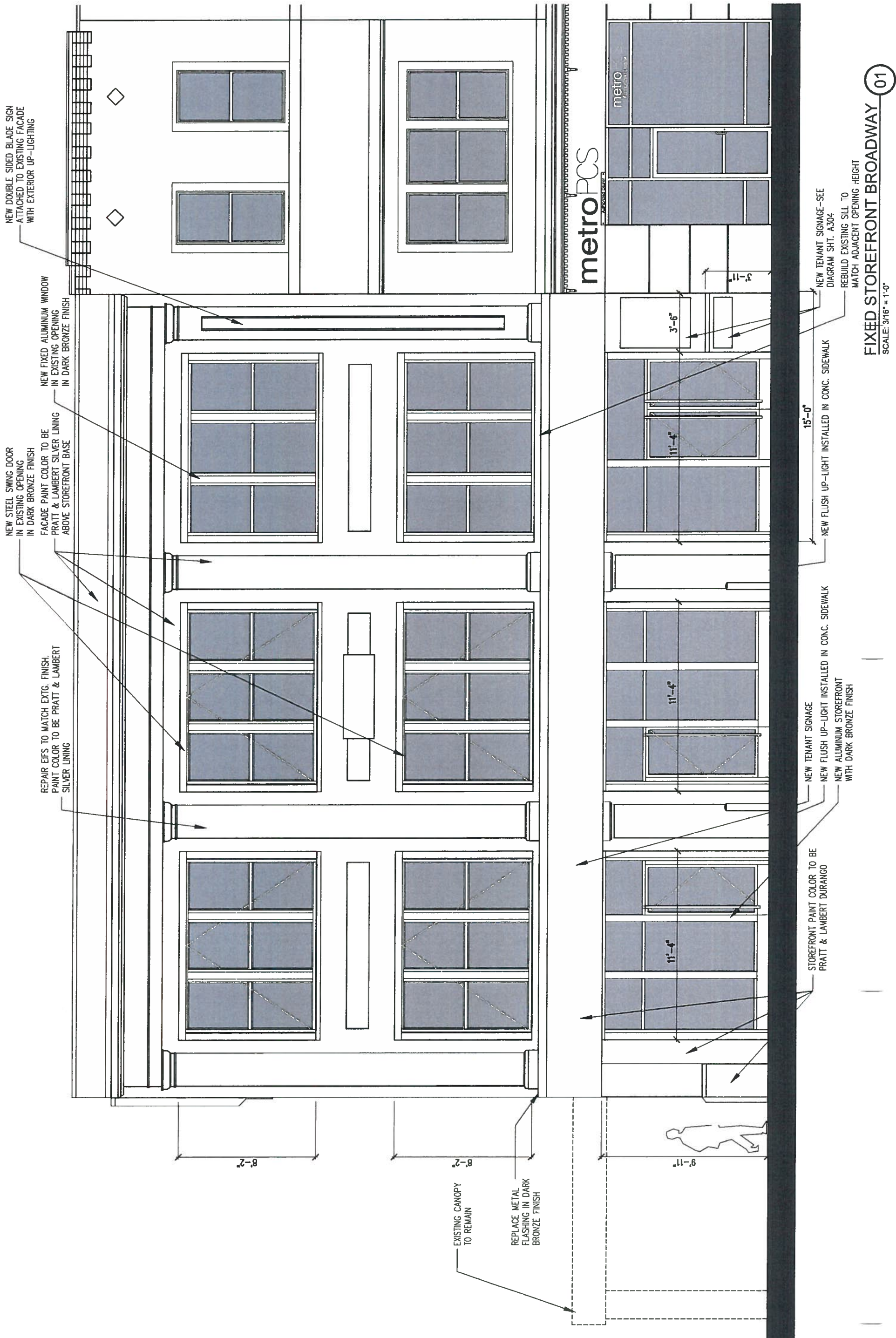
ISSUE  
06.11.18  
DRAWN BY  
CBM

PROJECT  
Garage Renovation  
PROJECT NO.  
301 Broadway Bethlehem, Pa

CLIENT  
Sycamore Hill Farm  
Development, LLC.  
301 Broadway,  
Bethlehem, Pa 18015

Office for Planning and Architecture  
234 Liberty Street  
Hamburg, PA 17101

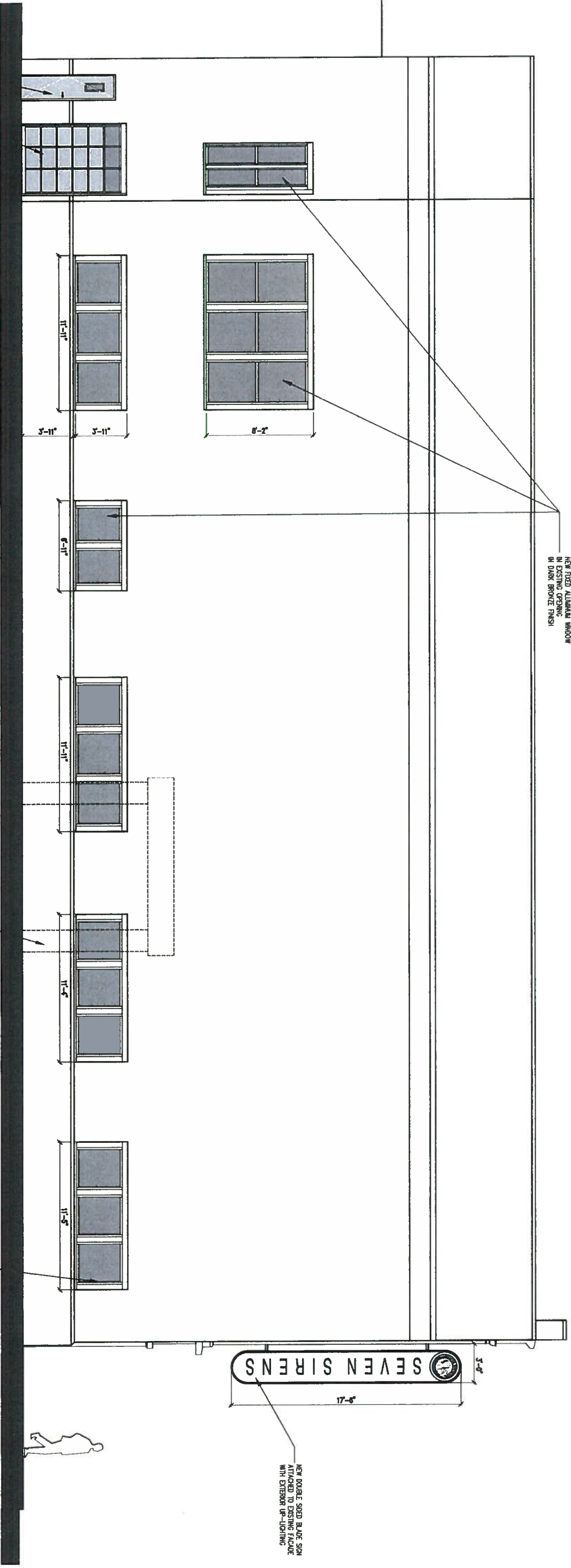
o: 717.230.9660  
f: 717.230.9664  
www.oparchitecture.com



FIXED STOREFRONT BROADWAY 01  
SCALE: 3/16" = 1'-0"

## NOT FOR CONSTRUCTION





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

01

PROPOSED ELEVATIONS

SCALE 1'-0" = 1/8"

ISSUE 06.11.18  
DRAWN BY CBM

PROJECT Garage Renovation  
PROJECT NO. 301 Broadway Bethlehem, Pa

CLIENT Sycamore Hill Farm Development, LLC.  
301 Broadway, Bethlehem, PA 18015



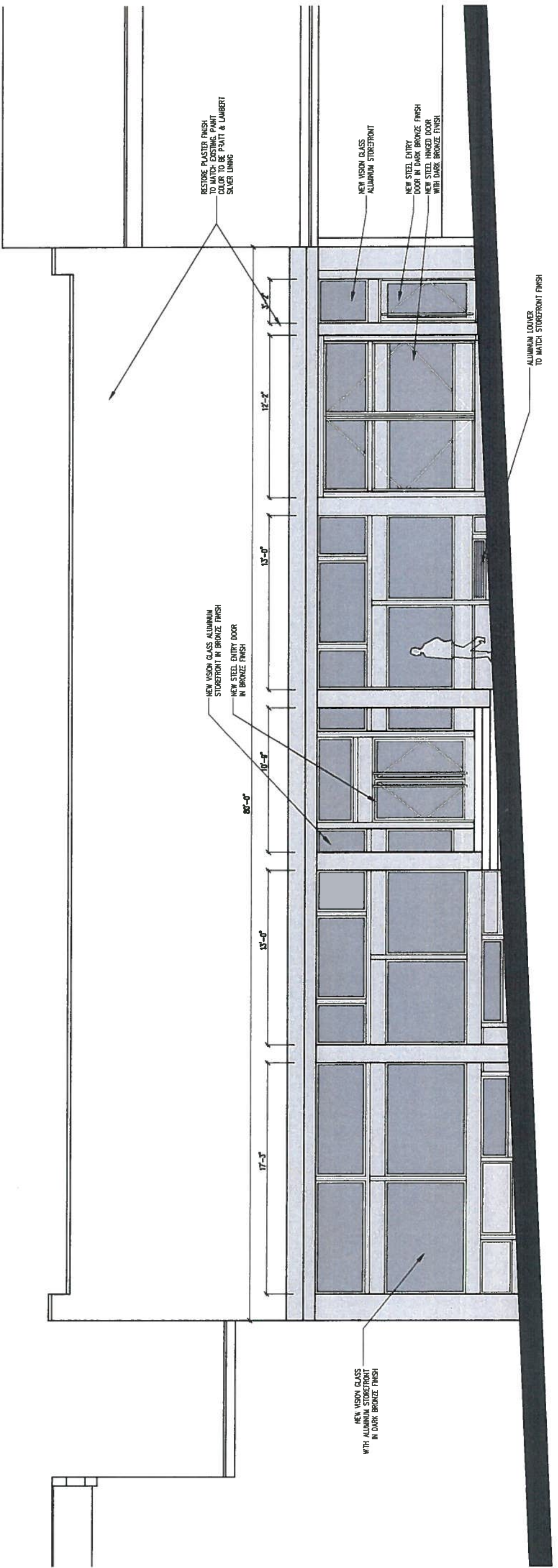
Office for Planning and Architecture o:717.230.9660  
234 Liberty Street f: 717.230.9664  
Harrisburg, PA 17101 www.oparchitecture.com

SCALE  
1'-0" = 1/8"

PROPOSED ELEVATIONS

01

FOURTH ST. ELEVATION  
SCALE: 1/8" = 1'-0"



ISSUE  
06.11.18  
DRAWN BY  
CBM

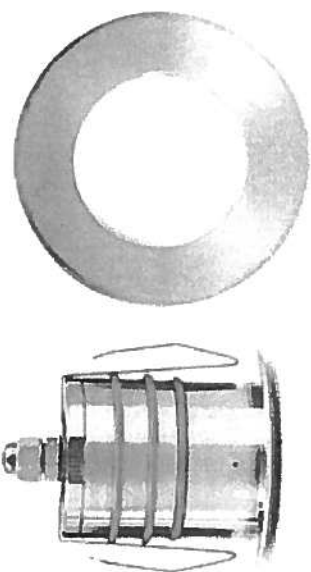
PROJECT  
Garage Renovation  
301 Broadway Bethlehem, Pa

CLIENT  
Sycamore Hill Farm  
Development, LLC.  
Bethlehem, PA 18015

Office for Planning and Architecture  
234 Liberty Street  
Harrisburg, PA 17101  
o: 717.230.9660  
f: 717.230.9664  
www.oparchitecture.com



Round 2 inch In Ground Light



**Description:**  
 Round 2 inch In Ground Light is suitable for up, down, and side light applications. Available with a Stainless Steel or Bronzed Stainless Steel finish with a Frosted glass diffuser or with an integrated Honeycomb louver to prevent glare. Includes spring clip, 6 foot lead wire, and direct burial gel-filled wire nuts. Maintains constant lumen output against voltage drop. 9-15VAC; low-voltage magnetic transformer required, sold separately. Integrated 4.1 watt 12 volt LED module. 70,000 hour rated life. 2.75 inch diameter x 3.13 inch height. UL listed. IP68 rated: suitable for continuous immersion in water.

Shown In: Stainless Steel / Frosted

List Price: \$200.00  
 Our Price: \$160.00

Shade Color: Frosted  
 Body Finish: Stainless Steel  
 Lamp: 1 x LED/4W/12V LED  
 Wattage: 4W  
 Dimmer: Low Voltage Magnetic  
 Dimensions: 3.13"H x 2.75"W

**Technical Information**  
 Luminous Flux: 170 lumens  
 Lumens/Watt: 42.50  
 Lamp Color: 3000 K  
 Color Rendering: 85 CRI  
 Beam Spread: Spot  
 Lamp Life: 70000 hours

Product Number: **WAC462215**

Company:		Fixture Type:	
Project:		Date: Jun 11, 2018	
		Approved By:	



**PART 1 - GENERAL**

**1.01 DESCRIPTION**

- A. General
  - 1. Furnish 50/50 Hydraulic System complete from one manufacturer. Provide all labor, materials, tools and equipment to furnish the 50/50 System complete as herein specified.

**1.02 RELATED WORK BY OTHERS**

- A. Preparation of opening including jambs and header will be by General Contractor. Any deviation of site conditions contrary to approved shop drawings must be called to the attention of the architect.
- B. All header, blocking, support structures and jambs as required.
- C. Paint or otherwise finishing all trim and other materials adjoining door.
- D. Provide hydraulic fluid in quantity necessary for proper system operation.

**1.03 SUBMITTALS**

- A. Product Data
  - 1. Submit manufacturer's product data and roughing-in diagrams.
  - 2. Complete shop drawings are to be provided prior to fabrication indicating construction and installation details.

**1.04 QUALITY ASSURANCE**

- A. Provide each 50/50 System as a complete unit by one manufacturer, including frames, panels, brackets, guides, hardware, operators and installation accessories to suit opening.
- B. Wind Loading: Design and reinforce 50/50 system to withstand a wind loading pressure to comply with state and federal code requirements.
- C. Preparation of the opening shall conform to the criteria set forth by UBC, 2000 International Building Code & 1999 Standard Building Code (ASCE 7-98).

**1.05 PRODUCT DELIVERY, STORAGE AND HANDLING**

- A. Proper storage of the 50/50 system before installation and continued protection during and after installation will be the responsibility of the general contractor.

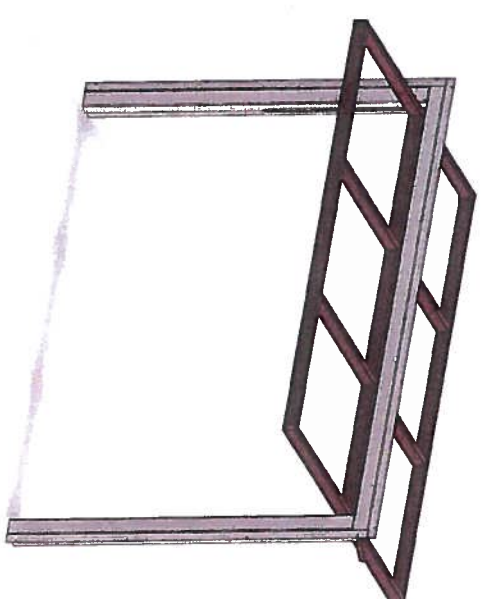
**1.06 WARRANTY**

- A. Frame/Panel, hydraulic cylinders and controls shall be guaranteed for one year against defects in material and workmanship from date of shipment.
- B. Optional factory-supplied, manufacturers standard glass retainer system and glass inserts shall be guaranteed for one year against defects in material and workmanship from date of shipment.
- C. Glass retainer, glass or other cladding/covering by others is not included in this warranty.

**PART 2 - PRODUCTS**

**2.01 ACCEPTABLE MANUFACTURERS**

- A. Subject to compliance with requirements, manufacturers offering products which may be incorporated into the work, include, but are not limited to, the following:



Crown Incorporated  
135 McLeod Avenue South  
Plato, MN. 55370  
(320) 238-2616  
www.crowndoors.com  
info@crowndoors.com

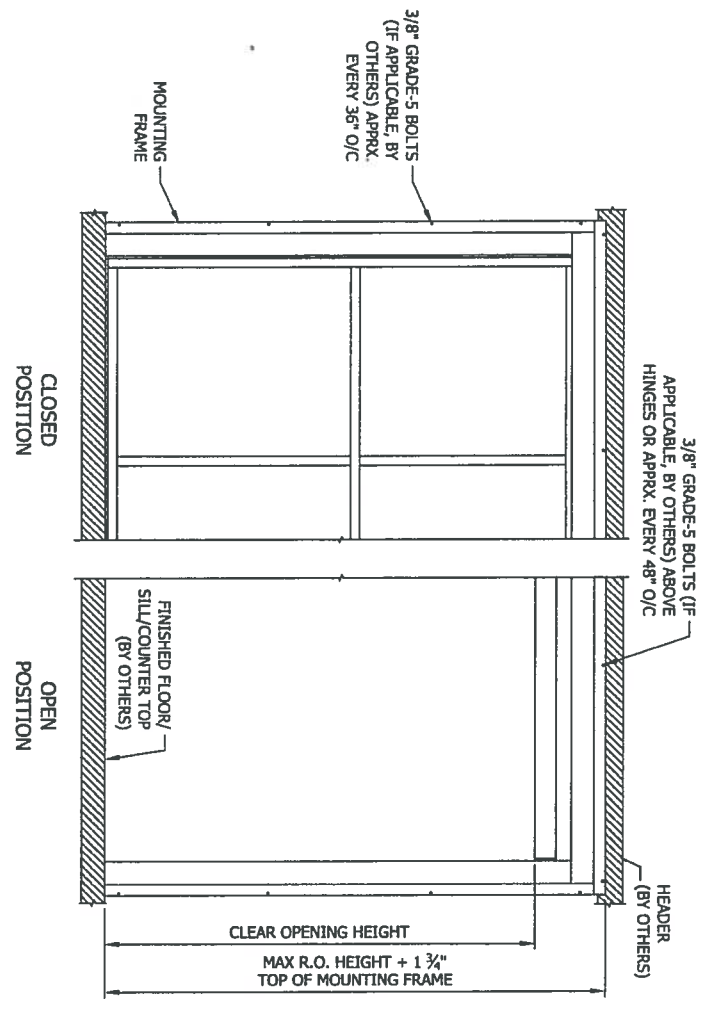
- B. Upon compliance with all of the criteria specified in this section, manufacturers wishing to bid products similar to the product specified must submit to the architect - 10 days prior to bidding - complete data in support of compliance. The submitting manufacturer guarantees the proposed substituted product complies with the product specified and as detailed on the drawings.

**2.02 MATERIALS**

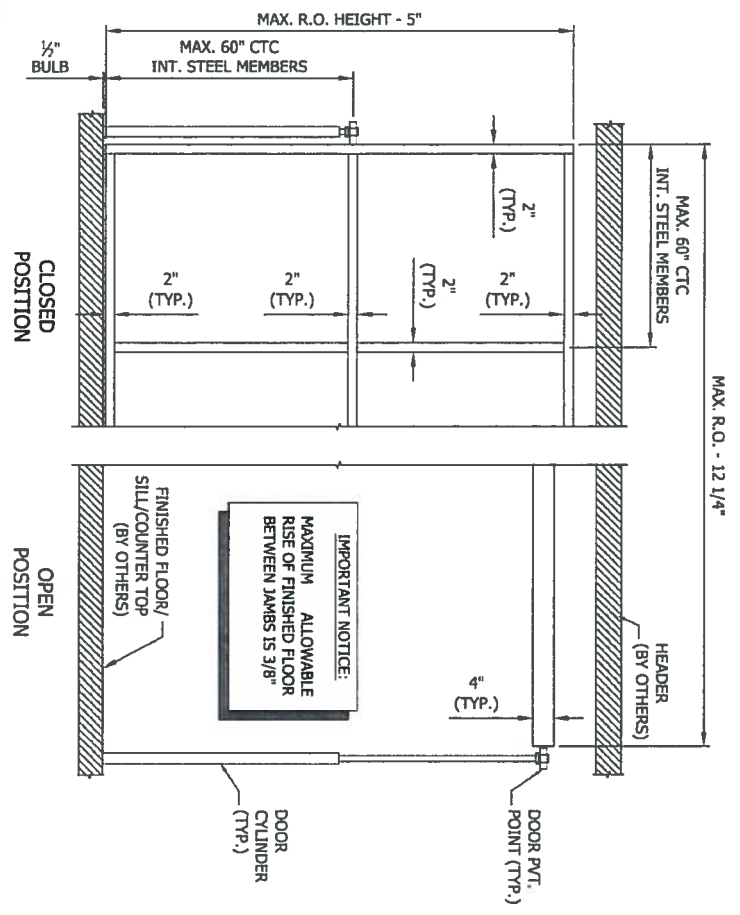
- A. Product to be the 50/50 Hydraulic System as furnished by Crown Incorporated
  - 1. Construct panel/frame with structural steel tube (of ASTM-A500 grade minimum) framing to comply with applied wind code.
    - a. Optional: 304 stainless steel tube framing for highly corrosive environments.
  - 2. Frames shall be constructed of structural steel tubing and other structural steel shapes, and designed to the same loading requirements for live, dead and wind loads as the surrounding construction, with a maximum CTC from vertical and horizontal members of 60".
  - 3. Panel frame shall be designed so that no center "cane bolt" is required in the floor.



4. Panel frame shall be factory-welded at all joints and connections, with smooth welds not to exceed 1/4" [6] thickness.
  5. Panel frame shall be primed with rust-resistant red oxide primer to provide corrosion resistance, and be prepared for field finishing, if required.
  6. Factory-Supplied neoprene seals/weather stripping will be shipped loose for field-install to protect against damage during transport.
  - B. 50/50 System shall be operated by hydraulic cylinders that are mechanically fastened to the panel frame.
    1. Cylinders will be designed to carry the required loads during operation, open position and closed position.
  - C. Power Operator - Standard voltage is 208-230v, single phase.
    1. "Up-Down" push button or key switch control for separate mounting, by others.
    2. Power unit to operate (2) hydraulic cylinders which open and close the door/window. Power unit to be pre-wired, factory-tested and provided with supply cables for final hook-up (by others).
    3. "Open-Close" control units will be wired for constant-hold operation.
    4. Electrical source to hydraulic power unit to be supplied by others (manufacturer's standard).
    5. Each door operator shall have thermal overload protection for the motor.
  - D. Finishes
    1. Entire system frame and panel shall be cleaned and primed with rust-resistant red-oxide primer, prepared for field finish (by others).
      - a. Optional Finishes
        - i. Manufacturers' standard RAL powder-coated
  - E. Available Accessories/Options
    1. Photo eyes or lead-edge sensor that stops (or stops and reverses) the downward movement of the door/window.
    2. Warning horn/Strobe light assembly
    3. Remote receiver w/transmitter
      - a. Additional transmitters available
    4. 24v DC battery back-up system
    5. 3-Phase option
    6. External, weather-resistant, "open-close" control wired for constant-hold
    7. "Inside-sash" glass retainer system and glass inserts.
- 2.03 OPERATION
- A. The 50/50 System shall be opened/closed in the rough opening using a constant-hold push-button or key switch, operating hydraulic cylinders mounted within the door/window frame.
- PART 3 - EXECUTION**
- 3.01 SAFETY
- A. Hydraulic power unit to have a manual emergency let-down valve for closing the system in case of a power outage.
  - B. 50/50 System to incorporate pressure compensated orifice valves
- C. Photo eyes or lead-edge sensor optional.
- 3.02 INSTALLATION
- A. Installation of the 50/50 System shall be by a contractor familiar with this type of installation, and be in strict accordance with the approved build drawings and manufacturers standard printed specifications, instructions and recommendations. All moving parts will be left in good operating condition.
    1. 50/50 System to be fully assembled and tested at factory when transport will allow for it
  - B. Permanent or temporary electric wiring shall be brought to the power unit location before installation. After the 50/50 System is installed, the general contractor assumes the responsibility of any damage to the system or system components during construction until the building is turned over to the owner.
  - C. Fill reservoir with hydraulic fluid (provided by others). Use ATF for cold weather applications or #32 hydraulic fluid for all other applications.
- 3.03 CLEANING
- A. All surfaces shall be wiped clean and free of handprints, grease and oil.
- 3.04 TRAINING
- A. Installer shall demonstrate proper operation and maintenance procedures to owner's representative.
  - B. Operating keys and owner's manual shall be provided to owner's representative.

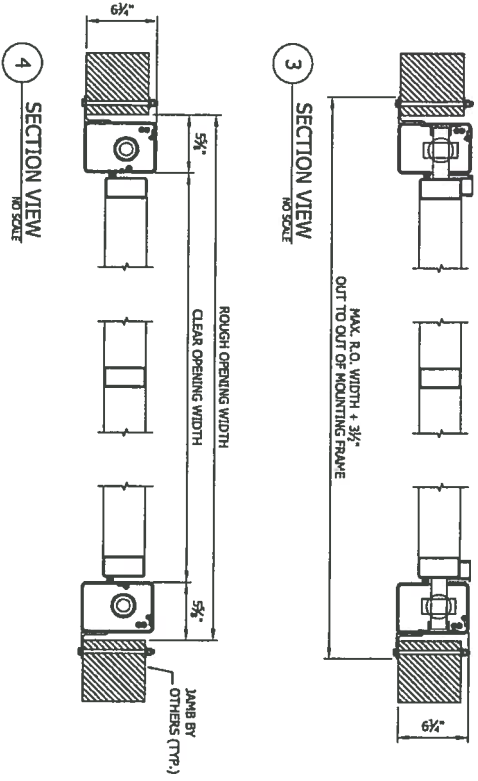
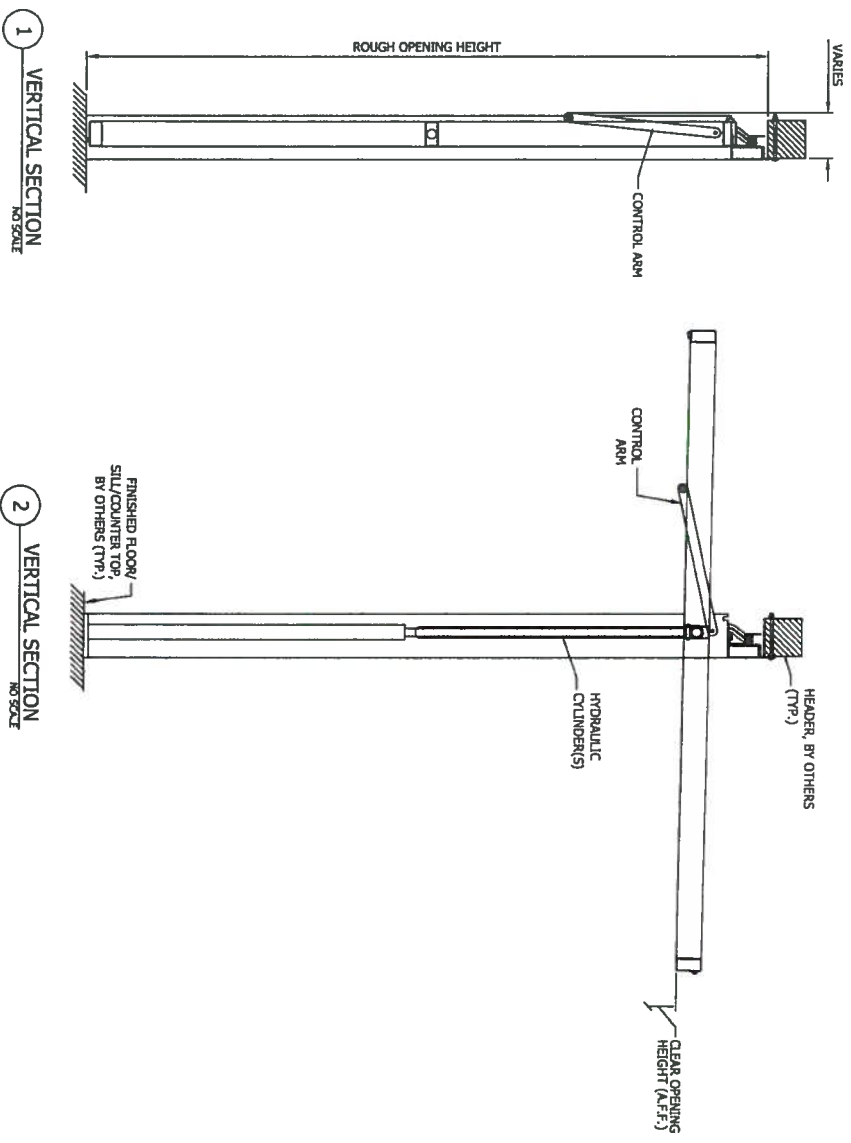


**1 DOOR PANEL w/FRAME - EXTERIOR VIEW**  
NO SCALE

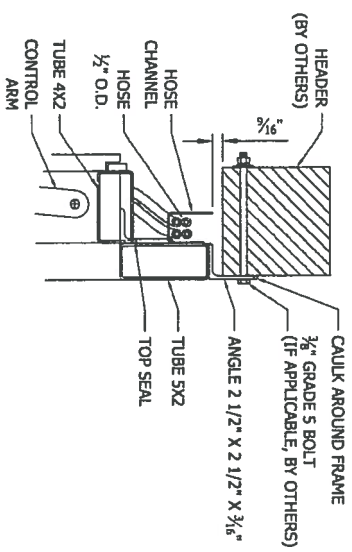


**2 DOOR PANEL - EXTERIOR VIEW**  
NO SCALE

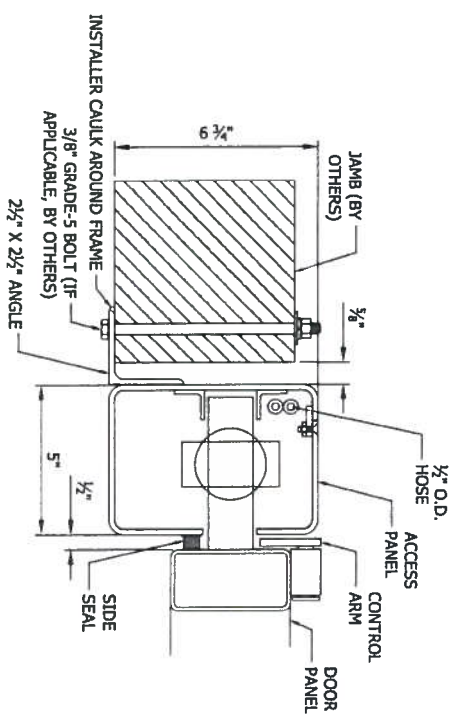
**ELEVATIONS**



**SECTION VIEWS**

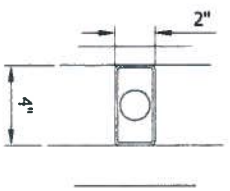


1 SECTION VIEW @ HEAD  
NO SCALE

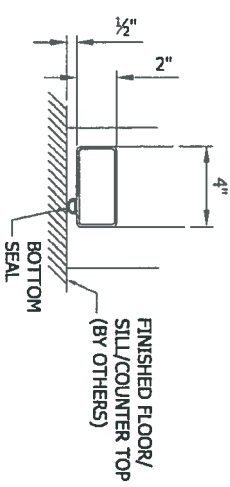


2 SECTION VIEW @ JAMB  
NO SCALE

ATTACHMENT DETAILS



3 SECTION VIEW @ INT. HORIZONTAL  
NO SCALE



4 SECTION VIEW @ BASE  
NO SCALE

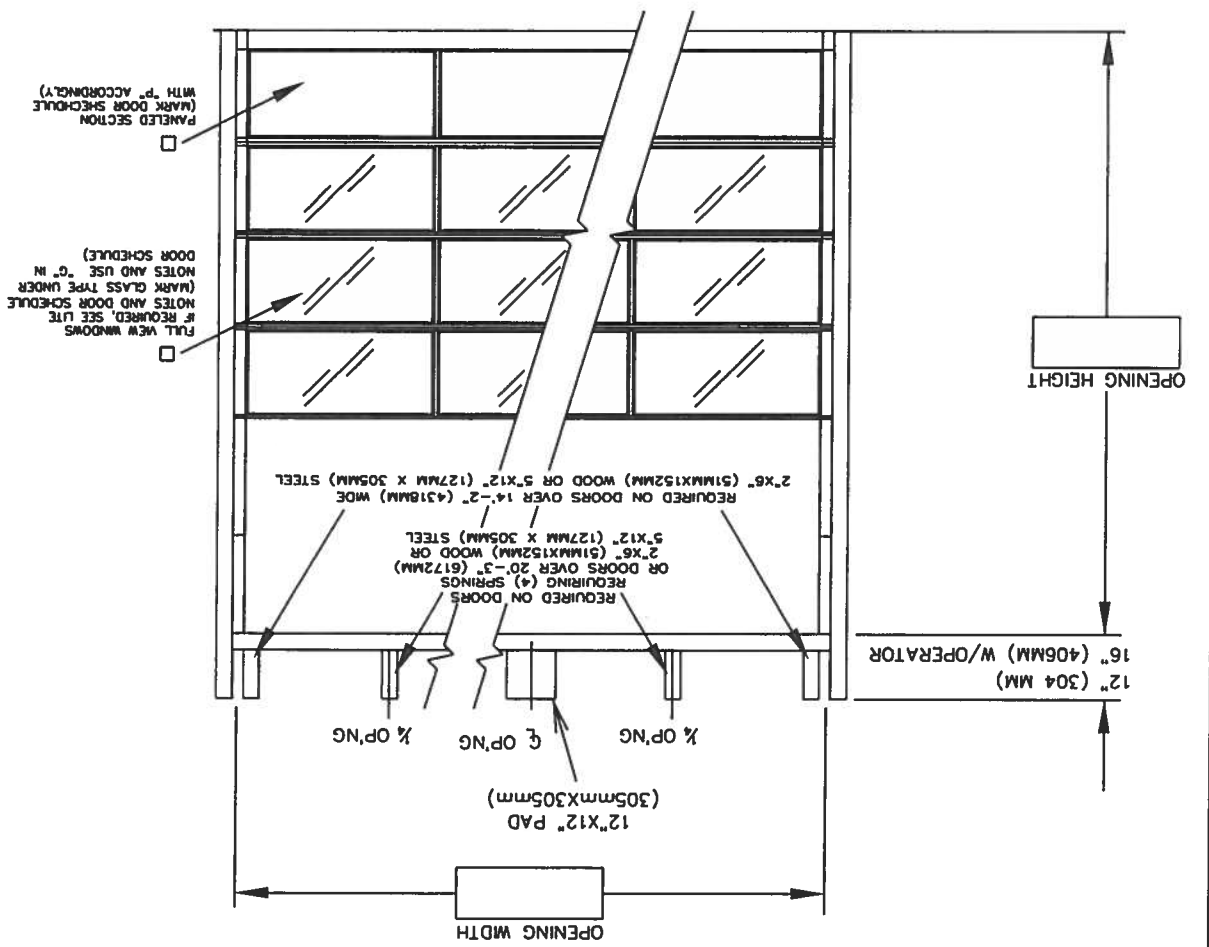
FRAME DETAILS

For more information, please contact us at  
[info@crowndoors.com](mailto:info@crowndoors.com)  
or visit our website:

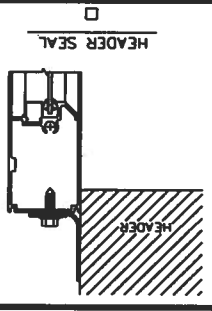
[WWW.CROWNDOORS.COM](http://WWW.CROWNDOORS.COM)



INTERIOR ELEVATION



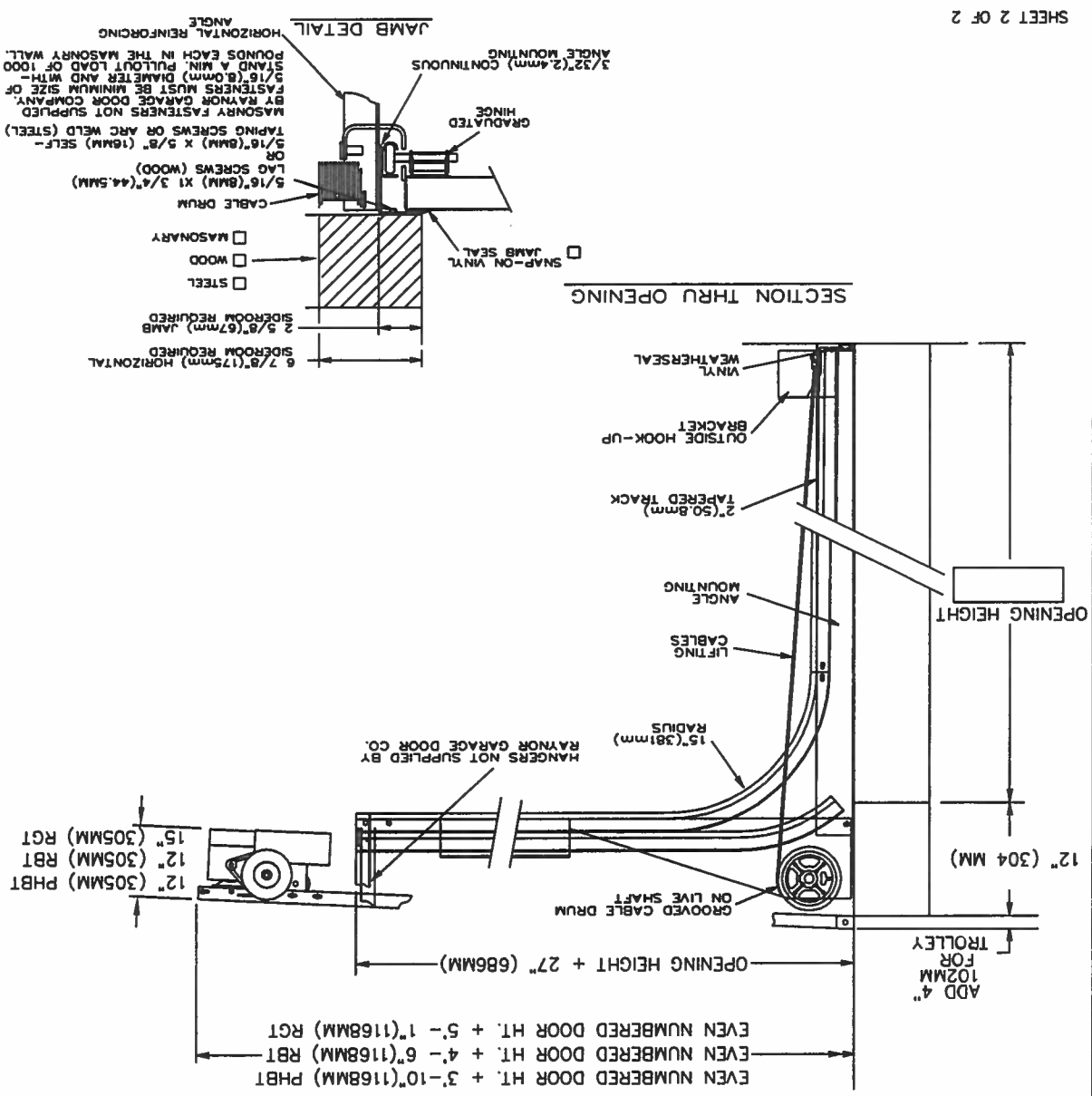
ALUMAVIEW STANDARD



- 1) DOORS SHALL BE RAYNOR SECTIONAL OVERHEAD TYPE ALUMAVIEW STANDARD L AS MANUFACTURED BY RAYNOR GARAGE DOOR CO. SECTIONS SHALL BE 1-3/4" (44.4MM) THICK ALUMINUM PANELS. ALSO FRAME WITH .050" (1.27MM) THICK ALUMINUM PANELS. DIA. SCREWS, PANELS AND GLASS TO BE SEALED WITH POLYURETHANE STILES AND RAJLS TO BE JOINED TOGETHER WITH 1/4" (6.4MM) COMBINED DIMENSION OF THE TWO MEETING INTERMEDIATE RAJLS TO BE 1-1/2" (38.1MM). END STILES SHALL BE 2-5/8" (66.7MM) BE 1-1/2" (38.1MM). CENTER STILES TO BE 7/16" (11.1MM). END STILES TO BE HOLLOW ENCLOSED TYPE IN LIEU OF OPEN END TYPE. INTERMEDIATE RAJLS TO HAVE INTEGRAL REINFORCED WEB 1-3/8" (24.9MM) DEEP. BOTTOM RAIL OF DOOR TO HAVE WNTL WEATHERSTRIP TO SEAL DOOR TO FLOOR. EXTRUSIONS AND PANELS TO BE ETCHED AND CLEAR ANODIZED TO MEET SPEC. 204R1 SPECIAL ANODIZED FINISHES OR ARMORBRITE COLORS AVAILABLE.
- GLASS (CLEAR)----- (DSB 3/16"(4.8MM) OR DSB 1/4" (6.4MM))
- GLASS (WIRE)----- (DSB 3/16"(4.8MM) OR DSB 1/4" (6.4MM))
- GLASS (TEMPERED)----- (1/8"(3.2MM), 3/16"(4.8MM) OR 1/4" (6.4MM))
- PLEXIGLASS----- (1/8"(3.2MM) OR 1/4" (6.4MM))
- LEXAN----- (1/8"(3.2MM) OR 1/4" (6.4MM))
- LOCKING - CREMONE TYPE BOLT ENGAGES SLOT IN TRACK. HAND SIDE. FIVE PIN TUMBLER CYLINDER OUTSIDE - NIGHT LATCH INSIDE. OPERABLE FROM INSIDE ONLY - MAY BE MOUNTED EITHER SIDE.
- LOCKING - SPRING LOADED SLIDE BOLT ENGAGES SLOT IN TRACK. WITHOUT A LOCK INTERLOCK SWITCH.
- LOCKS SHOULD NOT BE SUPPLIED WITH AN ELECTRIC OPERATED DOOR

DOOR NUMBER	QTY	OPENING		MODEL	JAMB MOUNTING	W S M ANGLE BRKT	LOCK	PANELS	PANELS HIGH	SECTION NUMBER OPEN FOR GLASS	JOB:	DISTR:	CONTR:	ARCH:	NR: 2901840
		HEIGHT	WIDTH												





- RAYNOR POWERHOIST BASIC (PHBT) 1/2 H.P., 115 VOLT, SINGLE PHASE
  - RAYNOR POWERHOIST STANDARD (RBT) --- H.P., --- VOLT, --- PHASE
  - RAYNOR POWERHOIST OPTIMA (RGT) --- H.P., --- VOLT, --- PHASE
  - WIRING TYPE-SR2 WIRING, MOMENTARY CONTACT OPEN/CLOSE/STOP, SAFETY EDGE TO REVERSE.
  - WIRING TYPE-SPECIAL (NOT AVAILABLE WITH PHBT OPERATORS)
  - SPECIFY SPECIAL WIRING TYPE -----
  - PNEUMATIC SAFETY EDGE TO REVERSE  COIL CORD
  - ELECTRIC SAFETY EDGE TO REVERSE  CABLE TAKE UP REEL
  - THRU-BEAM PHOTO EYES
- ANSI/UL325 REQUIRES THE MOTOR OPERATOR BE MOUNTED A MINIMUM OF 8\" ABOVE THE FLOOR OR INJURY.(GUARDS BY OTHERS).
- RAYNOR TRACKS- 2\" (50.8mm) HOT-DIPPED GALVANIZED TRACK, PER ASTM A-653, TO BE BRACKET MOUNTED AND FULLY ADJUSTABLE FOR SEALING DOOR CONTINUOUS ANGLE.
- HARDWARE- HINGES AND BRACKETS MADE FROM GALVANIZED STEEL. TRACK ROLLERS SHALL HAVE TEN 1/4\" (6.4mm) DIAMETER HARDENED STEEL BALLS PER ROLLER.
- SPRING COUNTERBALANCE- HEAVY DUTY OIL-TEMPERED WIRE TORSION SPRINGS ON A CONTINUOUS BALL BEARING CROSS-HEADER SHAFT. GALVA- MIZED AIRCRAFT TYPE LIFTING CABLES WITH MIN. SAFETY FACTOR OF 3 TO 1.

DOOR NUMBER	QTY	OPENING		ACTUAL		MODEL	JAMB MOUNTING	W S M ANGLE BRKT	LOCK	PANELS WDE	PANELS HGH	SECTION NUMBER	OPEN FOR CLASS	JOB:	DISTR:	CONTR:	ARCH:	NR: 2901840	
		WIDTH	HEIGHT	WIDTH	HEIGHT														

