



**Safety Management**  
*Joseph Szymanski, Safety Manager*

Bensalem Township  
Building & Planning Department  
2400 Byberry Road  
Bensalem, PA 19020

Attention: Mr. Ken Farrall  
Director of Building and Planning

January 08, 2021

RE: Request for Code Variance (Delayed Egress)

Dear Mr. Farrall,

Parx Casino is requesting approval to install Detex weatherized delayed egress locking devices with a 30 second delay on the new smoking shelter (3) exterior emergency exit gates. The emergency exit gates will be located on the exterior patios of the CF & CG sections of the casino gaming areas. The casino gaming area is fully sprinkled with thirteen (13) sets of emergency egress doors discharging to the public way on the west side of the building. The renovations will designate two (2) sets of existing emergency egress doors in the CF & CG sections to access the new exterior smoking area. There will be three (3) new sets of emergency egress gates equipped with delayed egress locking devices discharging from the new smoking area to the public way.

The 2015 IBC 1010.1.9.7 restricts the use of delayed egress-locking systems in an Assembly Group A buildings. However, the 2015 NFPA 101 Life Safety code 12.2.2.2.5 (New Assembly) will permit delayed-egress locks on doors other than main entry/exit provided they comply with 7.2.1.6.1. If approved, the Detex delayed-egress devices will be installed and operated in accordance with all of the requirements listed in 2015 NFPA 101 LSC chapter 7.2.6.1.1 (1-5) and the 2015 IBC Chapter 1010.1.9.7 (1-8).

I have also enclosed a copy of the specifications for the Detex Model 10 Series WDEEX Weatherized Delayed Egress hardware. Should you have any questions or need additional information, please call me at 215-500-1844.

Sincerely,

A handwritten signature in cursive script that reads "Joseph Szymanski".

*Joseph Szymanski*  
Safety Manager  
Parx Casino & Racing

Cc: Chief Robert Sponheimer, Bensalem Fire Marshal  
Lance Morell, Parx Casino & Racing Risk Management



# BENSALEM TOWNSHIP

Building and Planning Department  
 2400 Byberry Road • Bensalem PA 19020  
 215-633-3644 • FAX 215-633-3653

## CHECK OFF LIST FOR CODE BOARD OF APPEALS

The items listed below are **requirements** of the application process for the Code Board of Appeals.

Check off the items that accompany this appeal. If item is deemed not applicable put N/A in place of a check mark. If any box is not marked with either a check mark or N/A, the application will be considered incomplete and will not be accepted.

N/A	5 copies of Appeal (pages 3 thru 5)
N/A	5 copies of Tax Map
N/A	5 copies of Deed
N/A	5 copies of Agreement of Sale or Lease Agreement
N/A	5 copies of Detailed Plan of Proposed Structure
N/A	5 copies of deed searches if your application is for certification of non-conforming use
X	5 copies of exhibits which would include but are not limited to pictures, diagrams, and changes.
X	Application must be notarized. Original must be submitted.
N/A	Applications and all required material as described must be placed in packet form as follows:
	Appeal
	Plot plan
	Tax map
	Deed
	Agreement of sale or lease agreement if applicable
	Detailed plan of proposed structure
	Deed searches, if applicable
	Exhibits and specific code references
N/A	Notify all adjoining owners by certified mail. Township will provide a list of adjoining properties to be notified.

The Building & Planning staff members are not authorized to fill out your board application, correlate the above items or answer technical questions. If you are not sure how to go about appealing to the Building Code Board of Appeals, it is advised that you obtain an attorney to help you.

Attached to this checklist is the appeal and instructions on how to fill out the appeal form.

Plot plans may be hand drawn as long as all information is accurate. It must contain all pertinent information. A detailed plan means a plan that shows what you are building.

Tax maps may be obtained either in Doylestown at the courthouse or in the township building. In order for us to provide you with a copy your tax map, you will need your tax parcel number from your tax bills. The courthouse telephone number is 215-355-7497. Ask for tax mapping.

You can obtain a copy of your deed from the Recorder of Deeds office in Doylestown.

Notarization. Have the first copy notarized. When you make copies the notarization will show up on all the copies. Submit all copies **plus** the original.

**Important: the Zoning Hearing Board requires submission of proof of notification, of adjoining property owners before your appeal can be heard.**



# BENSALEM TOWNSHIP

Building and Planning Department  
2400 Byberry Road • Bensalem PA 19020  
215-633-3644 • FAX 215-633-3653

Exhibit C-4

## Code Board of Appeals

Appeal Number:

2021-0275

Township of Bensalem, Bucks County, Pennsylvania  
Notice of Appeal

1/20/2021

Appeal is hereby made by the undersigned from the action of the Code Official.

**Check applicable item(s):**

- Application for Validity Challenge
- Code Official in refusing my application for a building permit dated: \_\_\_\_\_
- Special Exception

**Appellant Name:** PARX CASINO \_\_\_\_\_  
**Address:** 2999 STREET ROAD \_\_\_\_\_  
 BENSALEM, PA 19020 \_\_\_\_\_  
 JOE SZYMANSKI \_\_\_\_\_  
**Phone No.** 215-500-1844 \_\_\_\_\_

**Owner's Name:** JOHN DIXON \_\_\_\_\_  
**Address:** 2999 STREET ROAD \_\_\_\_\_  
 BENSALEM, PA 19020 \_\_\_\_\_  
 267-223-3484 \_\_\_\_\_  
**Phone No.** \_\_\_\_\_

**Attorney Name:** TOM BONNER \_\_\_\_\_  
**Address:** 2999 STREET ROAD \_\_\_\_\_  
 BENSALEM, PA 19020 \_\_\_\_\_  
 267-223-3812 \_\_\_\_\_  
**Phone No.** \_\_\_\_\_

Interest of appellant, if not owners (agent, lessee, etc.): \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

1. Application relates to the following:

Check items if applicable:

- Use
- Height
- Existing Building
- Occupancy
- Lot Area
- Yards
- Proposed Building

**x** Other: (describe) **Request for Code Variance - Delayed egress on locking devices with a 30 second delay on the new Smoking Patio at three (3) emergency egress gates**

2. Brief description of Real Estate affected: **N / A**

Tax Parcel Number: \_\_\_\_\_

Location: \_\_\_\_\_

Lot Size: \_\_\_\_\_

Present Use: \_\_\_\_\_

Proposed Use: \_\_\_\_\_

Present Zoning Classification: \_\_\_\_\_

Present Improvement upon Land: \_\_\_\_\_

Deed recorded at Doylestown in Deed Book: \_\_\_\_\_ Page \_\_\_\_\_

Building Code Type of Const. Classification: \_\_\_\_\_

Building Code Building Use Classification: \_\_\_\_\_

3. If this is an appeal to challenge, provide a statement and/or basis for challenge to the validity of the zoning ordinance. **N / A**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

4. If this is an Appeal from action of the Administrative Officer, then complete the following:

Date Determination was made: **N / A** \_\_\_\_\_

Your statement of alleged error of Zoning Administrative Office: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

5. Specific reference to section of the applicable code upon which application for special relief (if special or variance is desired). Provide a copy of the specific code reference that is being appealed in each packet. **2015 IBC 1010.1.9.7 Restricts the use of delayed egress locking systems in an Assembly Group A building, however 2015 NFPA 101 Life Safety code 12.2.2.2.5 (New Assembly) will permit delayed egress locks on doors other than main entry/exit provided they comply with 7.2.1.6.1**

6. Action desired by appellant or applicant (statement of relief sought or special exception desired):  
**Requesting 30 second delay on emergency egress gates.  
If approved, Detex delayed egress devices will be installed and operated in accordance with all the requirements listed in 2015 NFPA 101 LSC Chapter 7.2.6.1.1 (1-5) and the 2015 IBC Chapter 1010.1.9.7 (1-8)**

7. Reasons appellant believes board should approve desired action (refer to section or sections of ordinance under which it is felt that desired action may be allowed.

**Appeal was requested and approved for Parx Casino Beer Garden Outside Patio emergency egress gates on 6/11/2019, letter included with this packet for reference.**

8. Has previous appeal or application for special exception or variance been filed in connection with these premises?

YES  NO

Specifications of errors must state separately the appellant's objections to the action of the zoning administrative office with respect to each question of law and fact which is sought to be reviewed.

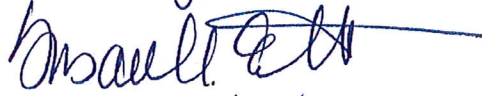
I, hereby depose and say that all of the above statements and the statements contained in any papers or plans submitted herewith, are true to the best of my knowledge and belief.

  
Appellant's or Owner's Signature

1.14.21  
Date

Sworn to and subscribed before me this

14<sup>th</sup> day of January 2020

  
Notary Public  
My commission expires: 3/20/2023

Commonwealth of Pennsylvania - Notary Seal  
Susan N. Eckert, Notary Public  
Bucks County  
My commission expires March 20, 2023  
Commission number 1230862  
Member, Pennsylvania Association of Notaries

(H) Challenges

(1) Substantive Challenges - any person who raises a substantive challenge to any provision of the Zoning Ordinance shall pay a fee of..... \$2,500.00.

(2) Procedural Challenges - any person who raises a procedural challenge to the enactment of the Zoning Ordinance, or any amendment thereto, shall pay a fee of..... \$1,500.00.

(I) Code Appeals Board or Other Administrative Hearing Fee

(1) An applicant who appeals any order or decision of a Code Enforcement Official or other administrative official to the Code Appeals Board or other Appeals Board which may be established from time to time by the Bensalem Township Council shall pay a fee of ..... \$2,500.00

(J) Industrial Development Authority Hearings

(1) Hearing before the Bensalem Township Council by the Industrial Development Authority shall pay.....\$1,000.00

**EasyKit®**

**WDEx10EEX**

**Weatherized Delayed Egress Without Electromagnetic Lock**

**Panic Hardware  
Spec**

The WDE EasyKits provide a secure outdoor system with 15-second delay and 100dB alarm when someone attempts to exit. The WDE EasyKit is perfect for garden center gates, amusement parks, sports arenas and any location exposed to weather or moisture where delayed exit is required. Although ideal in helping prevent theft, in applications such as outdoor childcare and assisted living homes, WDE EasyKit can also be used to help protect those trying to exit.



Logic Controller/  
Power Supply



Advantex Weatherized  
Rim Exit Device



Exterior  
Horn



Key  
Switch  
with  
Exterior Cover

Also Includes:  
NEMA 4X Enclosure,  
Mortise Cylinder,  
Code compliant  
Outdoor Sign  
and  
Surface Armored  
Cable Loop  
(not shown)  
Riser Illustration  
Wiring Diagram

Shown with 10 Series Rim Exit Device - Available with 10/40 Rim (For Mortise and Vertical Rod Applications contact factory)

### Benefits

- Immersion-proof switching and corrosion resistant components provide years of trouble-free service
- All hardware items provided with one easy-to-order, easy-to-specify part number
- Best-in-class components provide for fast, easy installation
- Advantex weatherized panic device includes internal blocker and switches to provide easy installation without a magnetic lock
- Controls foot traffic, deters unauthorized exits, reduces employee and customer theft while providing a life safety, code compliant application

### Features

- Configured Weatherized Delayed Egress EasyKit includes all hardware, instructions, riser illustration and point-to-point wiring diagram
- Factory-programmed, pre-wired, delayed egress controller/power supply
- NEMA 4X enclosure protects controller/power supply from moisture and corrosive elements
- Advantex Weatherized panic device has stainless steel dead-locking Pullman-type latch bolt
- 10 ft. flex conduit loop
- Form C, momentary key switch with green and red LEDs, arms, disarms and resets system
- Outdoor protective key switch cover
- Outdoor horn has various field-adjustable tone and decibel settings. Strobe also available.
- Available in various configurations, for single and paired openings
- Outdoor, code-compliant delayed egress signage
- All hardware is non-handed
- Fire Alarm override connected at controller/power supply
- Remote bypass and signaling options available
- Heavy-duty angled end cap deflects damage away from panic device
- System does not require magnetic lock, panic provides delayed exit

### Mechanical Options

- F - 3-Hour Fire Rated
- H - Hurricane Rated
- CD - Cylinder Dogging
- HD - Hex Dogging
- LD - Less Dogging (Std.)
- 36 - Fits 36" Door Width (Std.)
- 48 - Fits 48" Door Width
- 99 - Surface Strike (Std.)
- 98 - Semi Mortise Strike

### Electrical Options

- 1 to 3 second code-compliant field-adjustable nuisance alarm
- 120V AC (Std.)
- Also available 277V and 240V logic controller/power supply

Where Trust Is Built™  
**DETEX**®  
Life Safety, Security and Security Assurance

## Accessories

- SN1 – Sex Nut Fasteners
- SSK - Torx Security Screw Kit
- GB - Glass Bead Kits

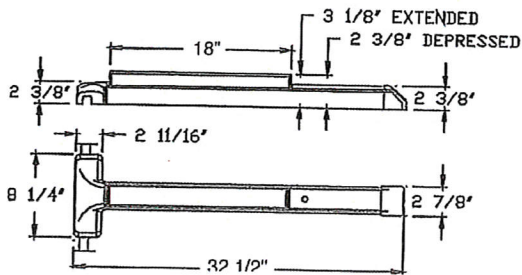
## Technical Information

- Door Types - Hollow Metal, Fiberglass or Aluminum
- Gate Types - Gate plate must be at least 32" wide
- Stile - Advantex fits minimum 4-5/8" with 99 strike
- 1/4" maximum for vertical gap between gate and strike post
- Gate plate must accommodate panic device, see dimensions

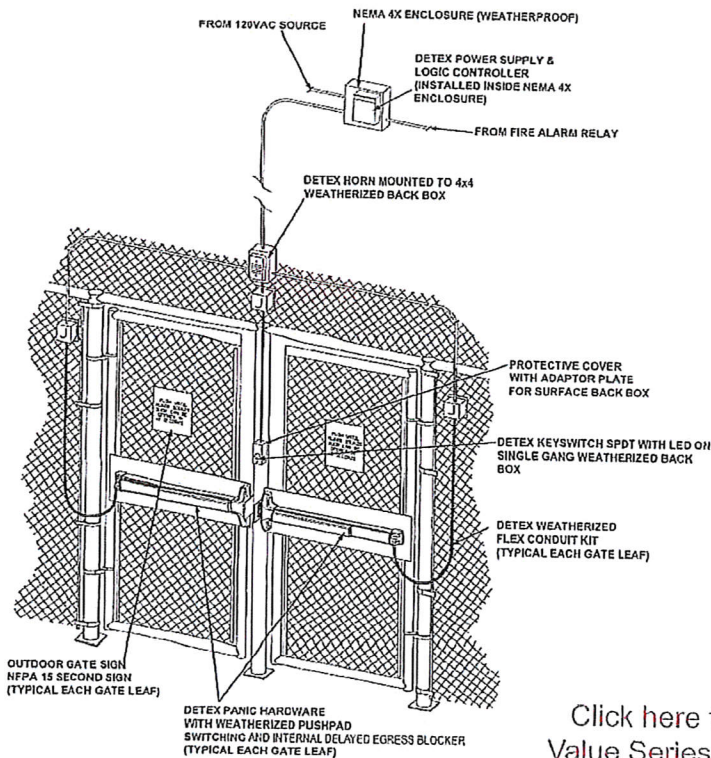
## Finishes

605 / US3	Polished Brass	612 / US10	Brushed Bronze	629 / US32	Polished Stainless Steel
606 / US4	Brushed Brass	613 / US10B	Oil Rubbed Bronze	630 / US32D	Brushed Stainless Steel
611 / US9	Polished Bronze				

## Dimensions



## Riser Diagram



## Listings and Approvals Advantex

- UL LISTED  
UL Listed Panic Hardware
- UL LISTED  
UL Listed Fire Exit Hardware for 3 hours, maximum  
4'x10' single doors and pairs of 4'x8' with F90KR key removable Mullion
- Meets ADA requirements
- MIL-STD 810F, Method 506.4 (Driving Rain Test)  
MIL-STD 810F, Method 509.4 (Salt fog Test)
- UBC 97, Standard 7-2 and UL10C for positive pressure
- ANSVBHMA certified
- Meets NFPA 80 & 101 for Life Safety
- Miami-Dade County, Florida } 10/40 Series  
NOA 10-0303.02 EXPS-04-07/15 } Only  
State of Florida Approval FL9052
- California State Fire Marshall - 4140-0127-105 & 3725-0127-103

## Detex Limited Warranty

Advantex - 10 Year Mechanical / 3 Year Electrical Manufacturers Limited Warranty

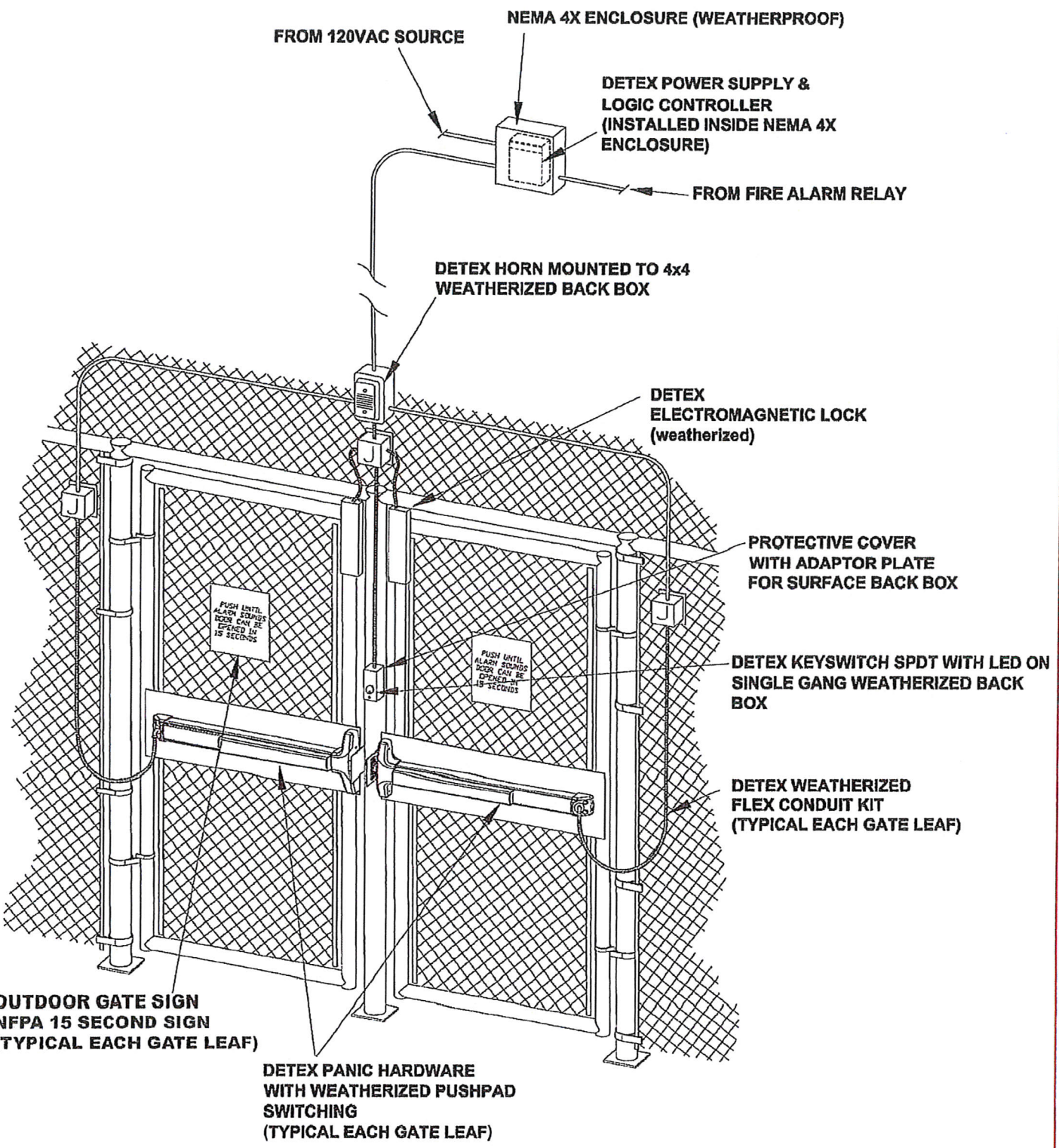
Where Trust Is Built™  
**DETEx**®  
Life Safety, Security and Security Assurance

Detex Corporation  
302 Detex Drive  
New Braunfels, Texas 78130-3045 USA  
PH. (830) 629-2900  
(800) 729-3839  
FAX (800) 653-3839  
<http://www.detex.com>  
USA Sales:  
[marketing@detex.com](mailto:marketing@detex.com)  
International Sales:  
[export@detex.com](mailto:export@detex.com)

Click here for the Value Series version of this EasyKit

⚠ Cancer & Reproductive Harm - [www.detex.com/prop65](http://www.detex.com/prop65)





# WEATHERIZED DELAYED EGRESS

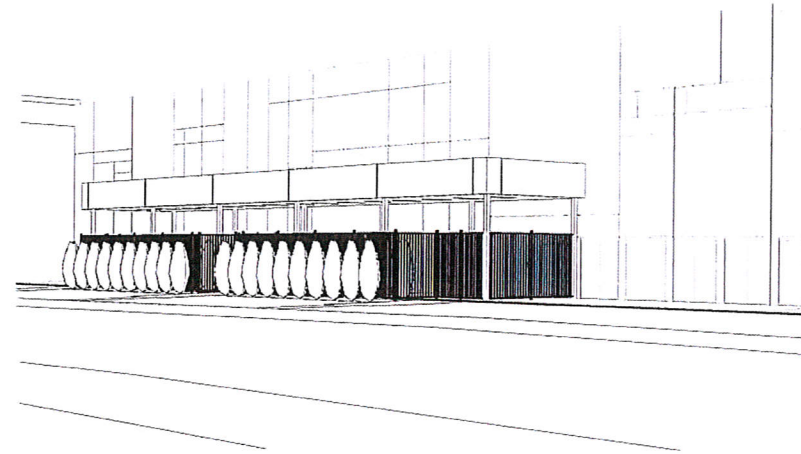
Photo  
Example



**Photo of the existing EMERGENCY EGRESS  
GATES AT BEER GARDEN**

**(Smoking Patio Gates will be installed and  
operated in accordance with requirements  
listed in 2015 NFPA 101 LSC chapter 7.2.6.1.1  
(1-5) and 2015 IBC Chapter 1010.1.9.7 (1-8))**

11/20/2023 10:30 PM



1 CONCEPT PERSPECTIVE VIEW

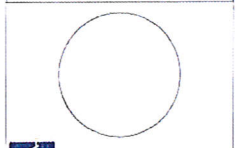
EXHIBIT DWGS.

PROPOSED :

# SMOKING SHELTER AT PARX CASINO

3000 STREET ROAD  
BENSALEM, PA

ARCHITECT



ARCHITETRA P.C.

1500 E. Lancaster Ave.  
Suite 103  
Paoli, Pa. 19301  
(610) 993-9111 (610) 993-0510 fax

CONSULTANT

CONSULTANT

CONTRACTOR

OWNER



3000 STREET ROAD  
BENSALEM, PA

PROJECT

PROPOSED :  
**SMOKING SHELTER CANOPY**

3000 STREET ROAD  
BENSALEM, PA

REVISIONS

NO.	DATE	REVISION
1	11-09-20	PERMIT REVIEW
2	11-23-20	REVISIONS

SHEET TITLE  
**COVER SHEET & GENERAL NOTES**

DATE	SCALE	CHECKED BY
11-09-20	1/4" = 1'-0"	TSK

DRAWING NO.  
**A0.1**

## GENERAL NOTES

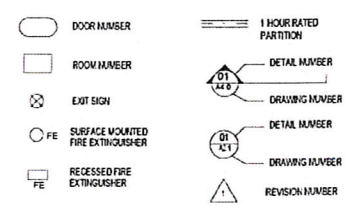
- THE WORK IS DESIGNED TO BE IN COMPLIANCE WITH THE INTERNATIONAL BUILDING CODE (IBC) 2015  
CONSTRUCTION TYPE: 20 (UNPROTECTED)  
USE GROUP: A, ASSEMBLY  
CONDITIONS, LAWS, RULES, REGULATIONS, AND ORDINANCES OF FEDERAL, STATE, COUNTY, OR AUTHORITIES RELATING THERE-TO. NO WORK SHALL BEGIN AT THE SITE UNTIL APPLICABLE APPROVALS AND REQUIRED PERMITS HAVE BEEN OBTAINED COVERING SUCH WORK. SUBCONTRACTORS ARE TO VERIFY AND ASSURE PROPER CODE COMPLIANCE FOR ALL ASPECTS OF CONSTRUCTION WITHIN THEIR RESPECTIVE TRADES PERMITS TO BE PART OF WORK  
INTERNATIONAL BUILDING CODE 2018, CHAPTER 11 "ACCESSIBILITY", THE AMERICANS WITH DISABILITIES ACT TITLE III (ADA), THE AMERICAN NATIONAL STANDARDS INSTITUTE, INC. (ANSI) A117.1 - 2009
- THE SCOPE OF THE PROJECT INCLUDES ALL WORK SHOWN OR REASONABLY INFERRED ON THE DRAWINGS AND SPECIFICATIONS TO BE PERFORMED BY THE GENERAL CONTRACTOR AND QUALIFIED SUBCONTRACTORS.
- THE GENERAL CONTRACTOR AND HIS SUBCONTRACTORS SHALL REVIEW THE ENTIRE DRAWING SET AND SHALL BE RESPONSIBLE FOR ALL WORK SHOWN OR REASONABLY INFERRED ON ALL DRAWINGS, INCLUDING BUT NOT LIMITED TO ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND PLUMBING. THE CONTRACT DOCUMENTS SHALL ONLY BE DISTRIBUTED AS A COMPLETE SET. PARTIAL SETS SHALL NOT BE ISSUED TO ANY CONTRACTOR OR SUBCONTRACTOR BIDDING OR PROVIDING WORK ON THE PROJECT.
- THE GENERAL CONTRACTOR WILL:
  - AT ALL TIMES PROTECT THE PROPERTY OF THE OWNER, TENANT AND ADJOINING PROPERTIES.
  - VERIFY ALL DIMENSIONS IN THE FIELD AND BE RESPONSIBLE FOR THEIR ACCURACY. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE STARTING WORK.
  - PROTECT AND STORE ALL FIXTURES AND HARDWARE AS WELL AS OTHER EQUIPMENT SPECIFIED HEREIN FOR THE DURATION OF THE JOB AS DIRECTED BY TENANT
  - COORDINATE WITH LOCAL UTILITIES FOR WATER, DRAINAGE GAS, HEATING, ELECTRICAL SERVICE, ETC., AS MAY BE REQUIRED
- DO NOT SCALE DRAWINGS. NOTIFY THE ARCHITECT IN CASE OF DISCREPANCIES OR CLARIFICATIONS BEFORE PROCEEDING WITH WORK.
- EXTERIOR DIMENSIONS ARE TAKEN TO OUTSIDE FACE OF MASONRY OR OUTSIDE FACE OF STUD WALL FRAMING UNLESS OTHERWISE NOTED.
- INTERIOR DIMENSIONS ARE TO ROUGH CONSTRUCTION UNLESS OTHERWISE NOTED.
- THESE DOCUMENTS ARE FOR A NEW EXTERIOR FREE STANDING OPEN SIDED SMOKING CANOPY SHELTER. WORK IS TO BE COMPLETE IN ALL RESPECTS BY CONTRACTOR FOR USE BY THE OWNER.
- THE CONTRACTOR WILL BE HELD TO HAVE EXAMINED THE JOB SITE TO BECOME FAMILIAR WITH AND BE SATISFIED AS TO THE CONDITIONS UNDER WHICH HE WILL BE OBLIGED TO OPERATE IN PERFORMING THE WORK.
- CONTRACTOR SHALL PREPARE AND DISTRIBUTE TO OWNER A CONSTRUCTION SCHEDULE OF EACH TRADE ENGAGED FOR THE DURATION OF THE WORK.
- THE CONTRACTOR SHALL SUBMIT SAMPLES TO THE OWNER FOR APPROVAL AS FOLLOWS BUT NOT LIMITED TO:
 

ROOFING	DOORS & HARDWARE
STUCCO	GYPSUM BOARD AND METAL STUD ASSEMBLES
FENCE, GATE & HARDWARE	COPING

## SITE VERIFICATION

- ANY DISCREPANCY WITH THE EXISTING SITE CONDITIONS AND/OR THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION AND INSTRUCTION. THESE CONSTRUCTION DOCUMENTS HAVE BEEN DESIGNED AND DRAWN BASED ON EXISTING BUILDING CONDITIONS VISIBLE AND ACCESSIBLE AT THE TIME. IT IS THE CONTRACTOR'S RESPONSIBILITY AS SOON AS POSSIBLE AFTER UPON ARRIVAL AT THE SITE, TO VERIFY ALL EXISTING DIMENSIONS. IF DISCREPANCIES ARE FOUND BETWEEN WHAT IS SHOWN ON THE DRAWINGS AND EXISTING FIELD CONDITIONS, CONTACT THE CONSTRUCTION MANAGER AND THE ARCHITECT IMMEDIATELY TO DETERMINE WHAT ACTION SHOULD BE TAKEN TO MATCH EXISTING CONDITIONS. THE BEGINNING OF CONSTRUCTION BY THE GENERAL CONTRACTOR MEANS ACCEPTANCE OF THE EXISTING CONDITIONS.
- ALL UTILITY LOCATIONS SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES (WHETHER SHOWN OR NOT) PRIOR TO THE SUBMISSION OF HIS BID OR THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER AND ARCHITECT OF THE DISCOVERY OF EXISTING UTILITIES NOT SHOWN OR NOTED ON DRAWINGS.
- THE CONTRACTOR SHALL VERIFY THE EXISTING FINISH FLOOR ELEVATION AT ALL OPENINGS OF THE BUILDING PRIOR TO ESTABLISHING THE FINISH FLOOR ELEVATION.
- REPORT ANY DISCREPANCIES FOUND IN THE FIELD IMMEDIATELY TO THE CONSTRUCTION MANAGER AND THE ARCHITECT PRIOR TO MAKING ANY STRUCTURAL MODIFICATIONS OR ORDERING ANY MATERIALS.

## DRAWING SYMBOLS



## PROJECT TEAM:

<b>OWNER</b> PARX CASINO 3000 STREET ROAD BENSALEM, PA  DONNA LANE 215.499.8979 diane@parxcasino.com	<b>ARCHITECT</b> ARCHITETRA, P.C. 1500 E. LANCASTER AVE. SUITE 103 PAOLI, PA 19301  JOSEPH M. LOMBARDI, AIA 610.993.9111 jmlombardi@architetra.com	<b>MPE ENGINEER</b> HPE GROUP, LLC 905 CASTLEHILL LANE DEVON, PA 19333  GARY GOLASZCZEWSKI, PE, LEED AP 215.370.6975 ggolasz@hpegroup.com
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Sheet List	
Sheet Number	Sheet Name
A0.1	COVER SHEET & GENERAL NOTES
A2.0	FLOOR PLAN & REFLECTED CEILING PLAN
A2.1	FOUNDATION, ROOF FRAMING & CANOPY ROOF PLANS
A3.0	ELEVATIONS & 3D VIEWS
A4.0	SECTIONS & DETAILS

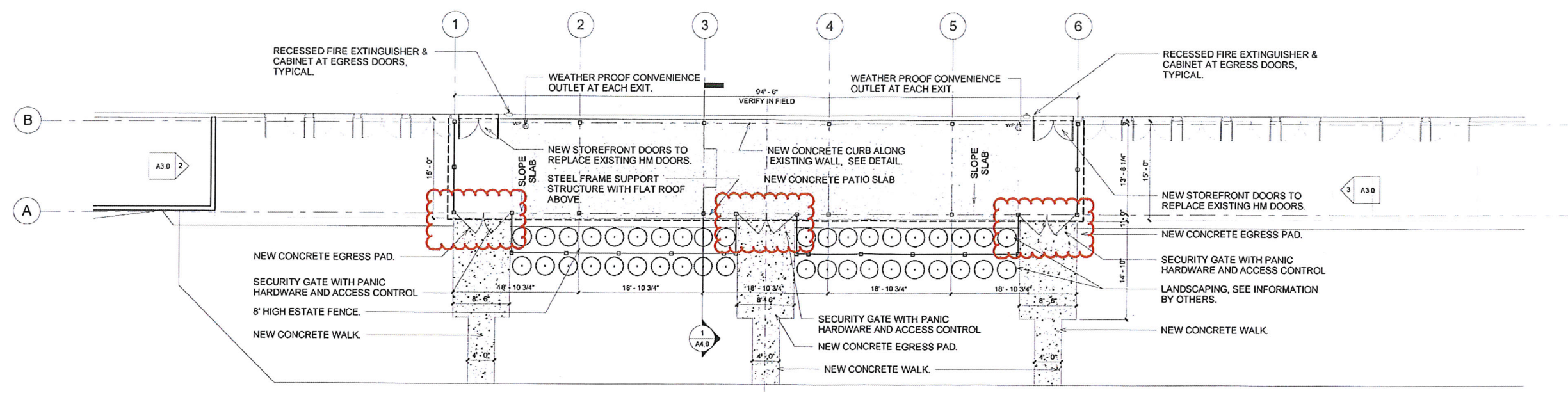
## STRUCTURAL NOTES

- UNO - UNLESS NOTED OTHERWISE. (E) = EXISTING.
- DESIGN LOADS PER 2015 INTERNATIONAL BUILDING CODE (IBC)
- SEE SITE PLAN AND ARCHITECTURAL DRAWINGS FOR PROJECT DATUM.
- EXISTING CONDITIONS AND MEASUREMENTS SHOWN ON THESE DRAWINGS ARE APPROXIMATE. VERIFY CONDITIONS AND DIMENSIONS PRIOR TO STARTING WORK. IF EXISTING CONDITIONS DIFFER FROM THOSE SHOWN, NOTIFY ARCHITECT IMMEDIATELY.
- PROVIDE SHORING AND BRACING TO STABILIZE AND PROTECT EXISTING STRUCTURES AND ONGOING CONSTRUCTION.
- PERFORM WORK UNDER ENVIRONMENTAL CONDITIONS RECOMMENDED BY REFERENCED CODES AND SPECIFICATIONS, BY MATERIALS SUPPLIERS, AND WHICH ARE ACCEPTABLE UNDER STANDARD INDUSTRY PRACTICE. PROVIDE PERIODIC AND FINAL CLEAN UP. COORDINATE WORK WITH OWNER TO ESTABLISH ACCESS TO THE WORKPLACE AND FOR STAGING AND STORAGE AREAS.
- PLACE FOOTINGS AND SLAB ON FIRM, DRY, NON-FROZEN SUBGRADE. VERIFY MINIMUM ALLOWABLE SOIL BEARING CAPACITY OF 2000 PSF FOR FOOTINGS.
- REMOVE UNSUITABLE SOIL ENCOUNTERED DURING EXCAVATION FOR FOUNDATIONS AND SLABS. BACKFILL THESE EXCAVATIONS AND AREAS REQUIRING STRUCTURAL FILL WITH CLEAN ML OR BETTER BORROW (PER ASTM D2487) PLACED IN 8" MAXIMUM LIFTS. COMPACT TO 95% MAXIMUM DRY DENSITY AS DETERMINED BY STANDARD PROCTOR TEST (ASTM D998). BRACE AND PROTECT FOUNDATION WALLS AND PIERS DURING BACKFILLING.
- CONCRETE: COMPLY WITH AMERICAN CONCRETE INSTITUTE ACI 301 "SPECIFICATION FOR STRUCTURAL CONCRETE FOR BUILDINGS" AND ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" (LATEST EDITIONS). COMPRESSIVE STRENGTH AT 28 DAYS: FOOTINGS 3000 PSI, SLABS 4000 PSI (0.45 MAXIMUM W/C RATIO). WELDED WIRE FABRIC ASTM A195. SUBMIT CERTIFIED MIX DESIGN.
- PLACE FOOTINGS AT ELEVATIONS NOTED OR SO THAT BOTTOM OF FOOTING IS 3'-0" BELOW FINISHED GRADE OR DEPTH AS REQUIRED TO BEAR ON UNDISTURBED EARTH. PLACE HORIZONTAL REINFORCING 3" CLEAR ABOVE FOOTING BOTTOM UNO. CENTER FOOTINGS UNDER COLUMNS OR WALLS UNO.
- CONCRETE PIERS  
PROVIDE CONCRETE PIERS AS SHOWN, WITH TOPS OF PIERS 8" MIN. ABOVE TOP OF SLAB UNO. CENTER PIERS UNDER COLUMNS UNO. CENTER REINFORCING CAGES UNDER COLUMNS UNO.  
PROVIDE #3 TIES, TOP THREE AT 4" CENTERS, BALANCE AT 12" CENTERS. PROVIDE STANDARD HOOK ON VERTICAL REINFORCING.  
12. PROVIDE 4" CONCRETE SLAB ON GROUND WITH 6X6 W2.0XW2.0 WWF LOCATED AT 1/3 DEPTH OF SLAB FROM TOP UNO. PLACE SLAB ON 4" PADOT NO. 28 STONE. SAW CUT CONTROL JOINTS TO 1/4 DEPTH OF SLAB, WIDTH TO SUIT ARCHITECT. PROVIDE FULL DEPTH 1/2" PREMOLDED ISOLATION JOINT BETWEEN SLAB AND WALLS, PIERS, AND OTHER VERTICAL FACES. PLACE 2 #3 BY 24" DIAGONAL REBARS 3/4" BELOW SURFACE AND 2" APART AT ALL REENTRANT CORNERS. PLACE AND FINISH SLAB FOR CLASS FF-30 AND FL-20 FINISH.  
13. STEEL  
COMPLY WITH LATEST EDITIONS OF AMERICAN INSTITUTE OF STEEL CONSTRUCTION "AISC SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" AND "AISC CODE OF STANDARD PRACTICE". BEAMS ASTM A992. OTHER SHAPES & PLATES ASTM A36. TUBING ASTM A500, GRADE B.  
TYPICAL CONNECTIONS DOUBLE 5/16" ANGLE CLIPS UNO. TYPICAL TUBE CONNECTIONS 3/8" SHEAR TABS UNO. PROVIDE CAP PLATE FOR ALL TUBE AND PIPE COLUMNS UNO. OTHER CONNECTIONS AND GUSSETS 3/8" PLATE UNO.  
FASTENERS ASTM A325 TYPE N BOLTS, 3/4" DIAMETER UNO. BASEPLATES 3/4" MINIMUM THICKNESS UNO.  
ANCHOR BOLTS ASTM F1554 GRADE 36, 3/4" DIAMETER WITH 2" HOOK AND 9" EMBEDMENT, 4 PER BASEPLATE, ONE PER CORNER UNO.  
WELDS COMPLY WITH AWS D1.1 "STRUCTURAL WELDING CODE." WITH LOW HYDROGEN ELECTRODES.  
NON-SHRINK, NON-METALLIC, HIGH EARLY STRENGTH GROUT FOR BASE AND BEARING PLATES, MINIMUM 3/4" THICK CLEAN STEEL IN ACCORDANCE WITH SSPC SP-3 PRIME WITH SSPC PAINT 25 TYPE 2  
SUBMIT COMPLETE SET OF SHOP DRAWINGS.

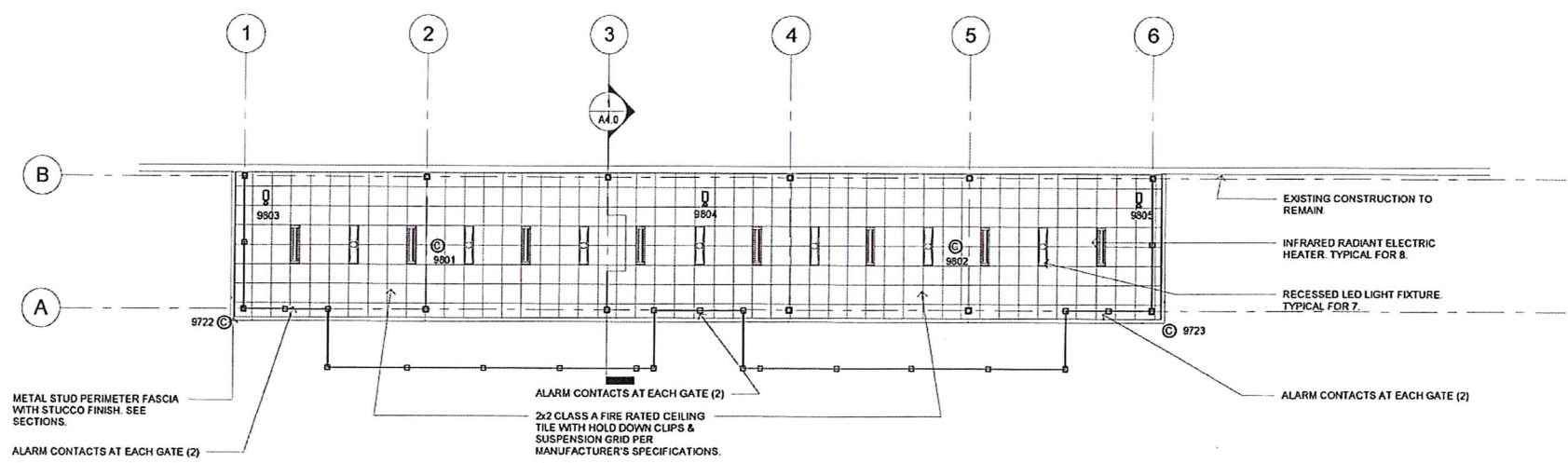
# CONSTRUCTION

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**1 SMOKING SHELTER PLAN**  
SCALE: 1/8" = 1'-0"



**2 SMOKING SHELTER REFLECTED CEILING PLAN**  
SCALE: 1/8" = 1'-0"

Panel HEAT		225A-16.0			42 pole			10 K&C			208-120V-3P-4-W		
Panel	Wire	Description	A	B	C	A	B	C	Wire	Cr.	Cr.	Cr.	
11	402	278	3000			3000			278	278	278	278	
12	402	278	3000	3320	2000	3000			278	278	278	278	
13	402	278	3000	3320	2000	3000	3320	2000	278	278	278	278	
14	402	278	3000	3320	2000	3000	3320	2000	278	278	278	278	
15	402	278	3000	3320	2000	3000	3320	2000	278	278	278	278	
16	402	278	3000	3320	2000	3000	3320	2000	278	278	278	278	
17	402	278	3000	3320	2000	3000	3320	2000	278	278	278	278	
18	402	278	3000	3320	2000	3000	3320	2000	278	278	278	278	
19	402	278	3000	3320	2000	3000	3320	2000	278	278	278	278	
20	402	278	3000	3320	2000	3000	3320	2000	278	278	278	278	
21	402	278	3000	3320	2000	3000	3320	2000	278	278	278	278	
22	402	278	3000	3320	2000	3000	3320	2000	278	278	278	278	
23	402	278	3000	3320	2000	3000	3320	2000	278	278	278	278	
24	402	278	3000	3320	2000	3000	3320	2000	278	278	278	278	
25	402	278	3000	3320	2000	3000	3320	2000	278	278	278	278	
26	402	278	3000	3320	2000	3000	3320	2000	278	278	278	278	
27	402	278	3000	3320	2000	3000	3320	2000	278	278	278	278	
28	402	278	3000	3320	2000	3000	3320	2000	278	278	278	278	
29	402	278	3000	3320	2000	3000	3320	2000	278	278	278	278	
30	402	278	3000	3320	2000	3000	3320	2000	278	278	278	278	

**3 PANEL SCHEDULE**  
SCALE: 1 1/2" = 1'-0"

**LIGHTING CIRCUITS**  
ELEC ROOM #2  
LIGHTING - EXISTING ELEC ROOM #2 PANEL: EP-11.  
CIRCUITS CAN BE DEFINED ON SITE DURING INSTALL.

**CAMERA LEGEND**  
□ FIXED OUTDOOR CAMERA  
○ PTZ OUTDOOR CAMERA

- CEILING TILE SPECIFICATIONS**
- STRATFORD CEILING TILE
  - 2x2
  - 15/16" PAINTED ALUM. SUSPENSION GRID
  - FEATHER-LIGHT SERIES 0.013 IN. THICK VINYL PLASTIC
  - CLASS A FIRE RATED
  - 100% RECYCLABLE
  - WATERPROOF
  - GREENGUARD GOLD CERTIFIED.
- HEATER SPECIFICATIONS**
- SCHWANK OUTDOOR ELECTRIC HEATER.
  - EDS SERIES DUAL ELEMENT.
  - 240V.
  - FLUSH MOUNT WITH FLUSH MOUNT FLANGE PAINTED BLACK
  - 50" QWB FIRE RATED LINED HEATER POCKET PER MANUFACTURER'S SPECIFICATIONS.
- LIGHTING SPECIFICATIONS**
- H. E. WILLIAMS INC.
  - SERIES 50 LED.
  - 1X4
  - UL LISTED WET LOCATION
  - BLACK ALUMINUM
  - 120V.
  - RECESSED.
  - 2700 K.
  - DIMMING DRIVERS.

ARCHITECT

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CONSULTANT

CONSULTANT

CONTRACTOR

OWNER

3000 STREET ROAD  
BENSALEM, PA

PROJECT

PROPOSED:  
**SMOKING SHELTER CANOPY**

3000 STREET ROAD  
BENSALEM, PA

REVISIONS

NO.	DATE	REVISION
1	11.05.20	PERMIT REVIEW
2	11.23.20	REVISIONS

SHEET TITLE

**FLOOR PLAN & REFLECTED CEILING PLAN**

ISSUED REVIEW

DATE: 11.09.20 SCALE: As indicated

DRAWN BY: JRL CHECKED BY: TSK

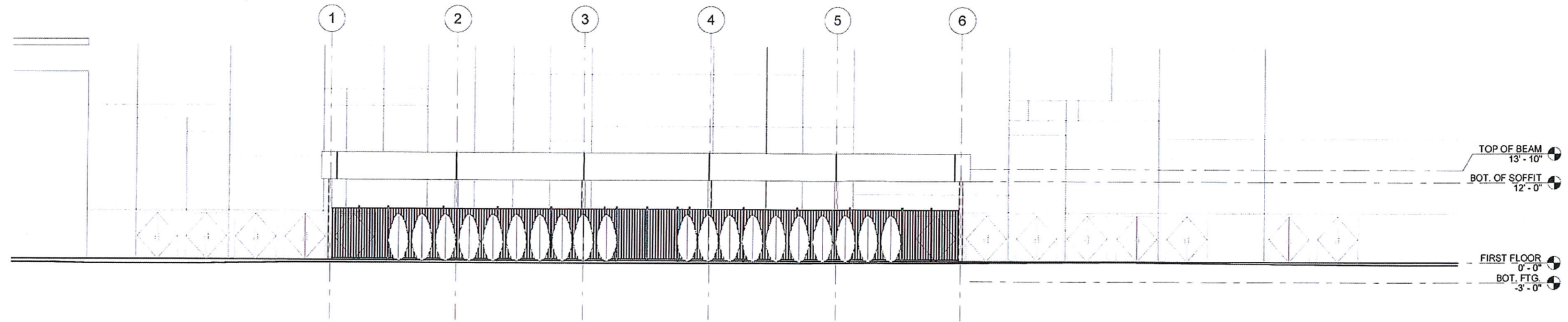
DRAWING NO.

**A2.0**

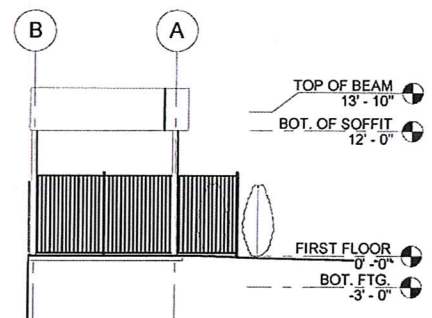
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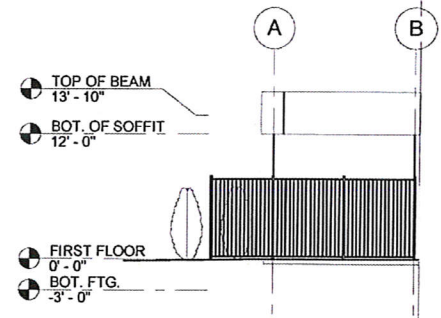
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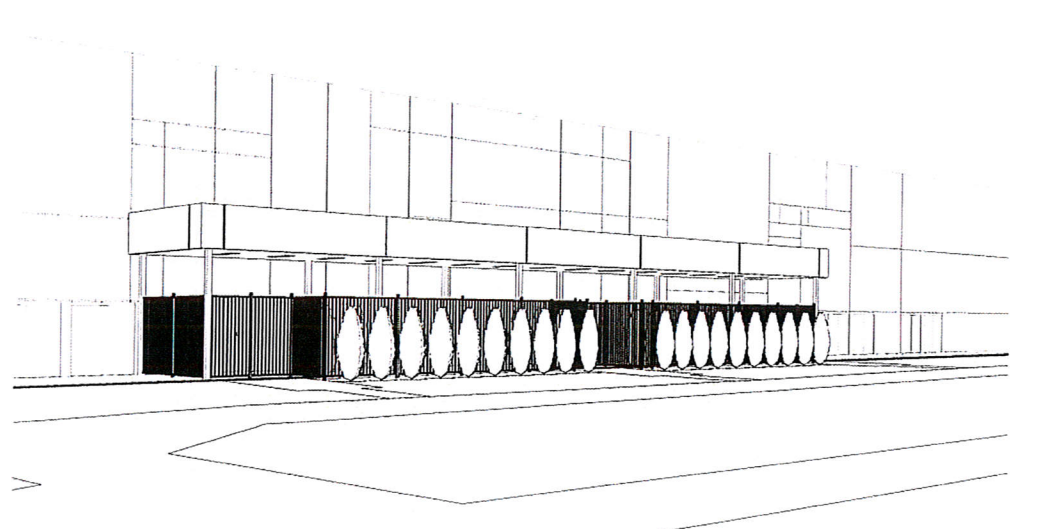
1 SMOKING SHELTER FRONT ELEVATION  
 A3.0 SCALE: 1/8" = 1'-0"



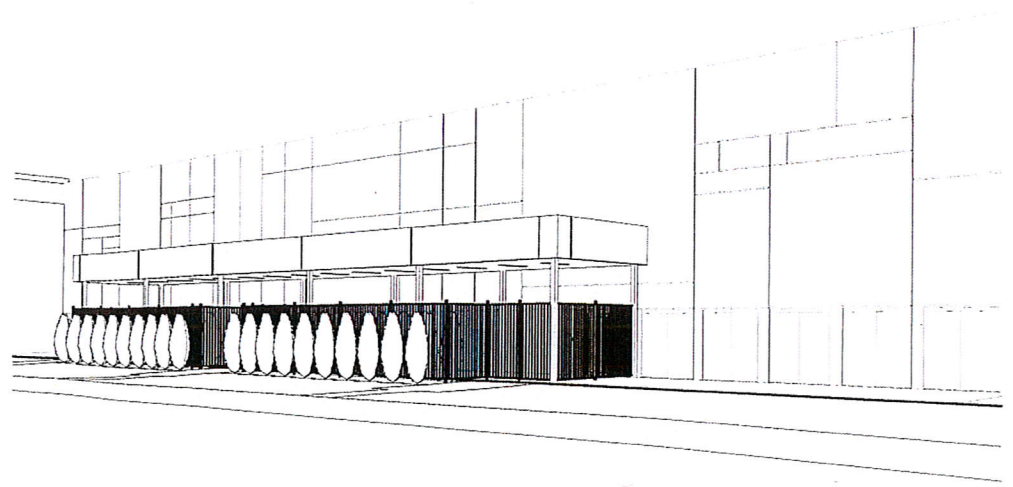
2 SMOKING SHELTER LEFT SIDE ELEVATION  
 A3.0 SCALE: 1/8" = 1'-0"



3 SMOKING SHELTER RIGHT SIDE ELEVATION  
 A3.0 SCALE: 1/8" = 1'-0"



4 SMOKING SHELTER VIEW 1  
 A3.0 SCALE:



5 SMOKING SHELTER VIEW 2  
 A3.0 SCALE:

ARCHITECT

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 BENSLEM, PA

PROJECT

PROPOSED:  
**SMOKING  
 SHELTER  
 CANOPY**

3000 STREET ROAD  
 BENSLEM, PA

REVISIONS

NO.	DATE	REVISION
1	11.15.20	PERMIT REVIEW
2	11.23.20	REVISIONS

SHEET TITLE

**ELEVATIONS & 3D  
 VIEWS**

ISSUED REVIEW

DATE: 11.09.20 SCALE: 1/8" = 1'-0"

DRAWN BY: JML CHECKED BY: TSK

DRAWING NO.

**A3.0**

CONSTRUCTION

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