# Burger King - Morrisville, PA

Store No. 5427 344 W. Trenton Ave. Morrisville, PA

ARCHITECT'S JOB NUMBER: 21-0361 ISSUE DATE: 1/7/2022



## PROJECT INFORMATION

#### APPLICABLE CODES

EXISTING BUILDING CODE:

**BUILDING CODE:** INTERNATIONAL BUILDING CODE 2015 WITH AMENDMENTS INTERNATIONAL EXISTING BUILDING CODE 2015 WITH AMENDMENTS

INTERNATIONAL PLUMBING CODE 2015 WITH AMENDMENTS PLUMBING CODE: MECHANICAL CODE: INTERNATIONAL MECHANICAL CODE 2015 WITHOUT AMENDMENTS

ELECTRICAL CODE: NATIONAL ELECTRIC CODE NFPA 70-2014

ENERGY CODE: INTERNATIONAL ENERGY CONSERVATION CODE 2015 WITH

FIRE CODE: INTERNATIONAL FIRE CODE 2015 WITH AMENDMENTS ACCESSIBILITY CODE: INTERNATIONAL BUILDING CODE 2018 ACCESSIBILITY REQUIREMENTS, CHAPTER 11

#### **BUILDING INFORMATION**

GROSS BUILDING AREA:

OCCUPANCY: A-2

TYPE OF CONSTRUCTION: VB (NON-SPRINKLERED)

#### INTERIOR FINISHES (CHAPTER 8)

		EILING FINISH NCY (TABLE 8		MENTS		
		SPRINKLERED		NON	SPRINKLERE	D
OCCUPANCY/ GROUP	INTERIOR EXIT STAIRWAYS, INTERIOR EXIT RAMPS AND EXIT PASSAGEWAYS	CORRIDORS & ENCLOSURE FOR EXIT ACCESS STAIRWAYS & EXIT ACCESS RAMPS	ROOMS AND ENCLOSED SPACES	INTERIOR EXIT STARWAYS, INTERIOR EXIT RAMPS AND EXIT PASSAGEWAYS	CORRIDORS & ENCLOSURE FOR EXIT ACCESS STAIRWAYS & EXIT ACCESS RAMPS	ROOMS AND ENCLOSED SPACES
A-2	В	В	C	Α	Α	В
В	В	В	C	Α	В	С
S	С	С	С	В	В	С

#### MEANS OF EGRESS (CHAPTER 10) CCUPANT LOAD (1004):

OCCUPANCY LOADS (1004.0 TABLE 1004.1.2)						
OCCUPANCY USE	SQUARE FEET/ OCCUPANT	TOTAL SQUARE FOOTAGE	OCCUPANTS			
ASSEMBLY (SEATED)	FIXED	1,054	72			
ASSEMBLY (STANDING NET)	5	240	48			
KITCHEN (GROSS)	200	1,231	7			
BUSINESS (GROSS)	100	524	6			
STORAGE / STOCK (GROSS)	300	593	2			
TOTAL OCCUPANT LOAD		3,642	135			

NUMBER OF EXITS (1006): COMMON PATH OF EGRESS TRAVEL (TABLE 1006.2.1): ACCESSIBLE MEANS OF EGRESS (1009): DOOR WIDTH (1010):

MINIMUM: MAXIMUM: PANIC HARDWARE (1010.1.10): EXIT SIGNS (1013): HANDRAILS (1014) GUARDS (1015):

MAXIMUM TRAVEL DISTANCE TO AN EXIT (TABLE 1017.2): MINIMUM CORRIDOR WIDTH (1020.2):

(REQUIRED) 2 (PROVIDED) 3 75' ASSEMBLY (A-2) (REQUIRED) YES (PROVIDED) YES

(REQUIRED) NO (PROVIDED) NO (REQUIRED) YES (PROVIDED) YES 34" H. MIN., 38" H. MAX. 42" H. IF ADJACENT GRADE IS GREATER THAN 30" (REQUIRED) 200' (PROVIDED) 90' 44" / 60" FOR H.C. TURN AROUND (AT 200' INTERVALS)

#### PLUMBING FIXTURE REQUIREMENTS:

MINIM	MINIMUM NO. OF REQUIRED PLUMBING FIXTURES (PLUMBING CODE CHAPTER 4)								
OCCUPANCY/	WATER CLOSETS (URINALS)		LAVATORIES		LAVATORIES		TUBS/ WERS	DRINKING FOUNTAINS	ОТНЕК
GROUP	MALE	FEMALE	MALE	FEMALE	BATH' SHO\	DRIN FOUN	1O		
ASSEMBLY (REQUIRED)	1 PER 75	1 PER 75	1 PER 200			1 PER 500	1 SERVICE SINK		
ASSEMBLY (PROVIDED)	1 WC / 1 URINAL	1	1	1		*	1 SERVICE SINK		
	* NOT APPLICABALE PER SECTION 410.4								

#### **AMPLER MANAGEMENT CONTACTS:**

**Ampler Development** 4700 Falls of Neuse Road Raleigh, NC 27609 Contact: Greg Winans President (AB III LLC) 484-645-9980 gwinans@amplergroup.com

#### MECHANICAL ENGINEER OF RECORD:

APD Engineering & Architecture, PLLC Chris Kambar

615 Fishers Run Victor, NY 14564 585-742-0217 Scott Kantar 585-735-7690 skantar@apd.com

#### ARCHITECT OF RECORD:

APD Engineering & Architecture, PLLC Michael Hochadel, NCARB 615 Fishers Run Victor, NY 14564 585-742-0230 mhochadel@apd.com Contact: Michael Verrastro, RA 585-445-7167 mverrastro@apd.com

#### ELECTRICAL ENGINEER OF RECORD:

APD Engineering & Architecture, PLLC Chris Kambar 615 Fishers Run Victor, NY 14564 585-742-0217 Scott Kantar 585-735-7690 skantar@apd.com

#### STRUCTURAL ENGINEER OF RECORD:

APD Engineering & Architecture, PLLC Brent Powell, PE, LEED AP 615 Fishers Run Victor, NY 14564 585-742-0207 bpowell@apd.com Contact: Steven Flint 585-742-0235 sflint@apd.com

#### CIVIL ENGINEER OF RECORD:

APD Engineering & Architecture, PLLC Todd Markevicz 615 Fishers Run Victor, NY 14564 585-742-0222 tmarkevicz@apd.com

### GENERAL PROJECT NOTES

- 1. THESE DOCUMENTS ARE FOR THE SOLE PURPOSE OF INITIAL BUILDING PERMIT SUBMITTAL ONLY. ANY COMMENTS, REVISIONS OR CORRECTIONS BASED ON BUILDING DEPARTMENT REVIEW AND/OR BUILDING CODE INTERPRETATION ITEMS ARE THE SOLE RESPONSIBILITY OF THE OWNER AND REGIONAL ARCHITECT WILL NOT BE HELD LIABLE FOR ANY CHANGE ORDERS RESULTING FROM THESE ITEMS. FINAL BID PRICES SHOULD NOT BE SUBMITTED UNTIL THE BUILDING PERMIT HAS BEEN ISSUED.
- 2. DRAWINGS ARE BASED ON BURGER KING REMODEL GUIDELINES BKOT-50. 3. ITEMS OR DIMENSIONS INDICATED AS 'EXISTING' OR '+/-' SHALL BE VERIFIED IN FIELD PRIOR TO START OF CONSTRUCTION. INFORM ARCHITECT OF DISCREPANCIES THAT WILL AFFECT THE WORK.

4. ALL WORK/ITEMS SHOWN IN THIS DRAWING SET SHALL BE CONSIDERED NEW UNLESS SPECIFICALLY NOTED AS EXISTING OR EXISTING TO REMAIN

#### PROJECT SUMMARY

THE PROJECT GENERALLY CONSISTS OF EXTERIOR AND INTERIOR ALTERATIONS AND SITE IMPROVEMENTS TO AN EXISTING BURGER KING RESTAURANT. BUILDING FOOTPRINT IS BEING REDUCED AS PART OF THIS PROJECT.

Drawing I	ndex	Issued:  A Issued for Permit	Date: 1/7/2022
SHEET	NAME	B Bid Set	3/7/2022
G-001	COVER SHEET	C	
G-002	OWNER/GC REMODEL DUTIES	D	
LSP CIVIL	LIFE SAFETY PLAN	E	
CS	COVER SHEET	Revisions:	Date:
C1	SITE PLAN	1	
C6	DETAILS SHEET	2	
C8	SPECIFICATIONS	3	
STRUCTURAL		5	
S-001	GENERAL STRUCTURAL NOTES	6	
S-101	ROOF FRAMING & FOUNDATION PLAN	7	
S-301 S-302	WALL SECTIONS WALL SECTIONS	8	
S-303	WALL SECTIONS  WALL SECTIONS	9	
\$304	WALL SECTIONS		
ARCHITECTURAL			
D-101	DEMOLITION FLOOR PLAN		
D-102	DEMOLITION ROOF PLAN		
D-201	DEMOLITION EXTERIOR ELEVATION		
A-101	FLOOR PLAN		1
A-102	REFLECTED CEILING PLAN	Seal Sea PROJECT ARCHITECT/ENGINE	
A-103 A-201	ROOF PLAN EXTERIOR ELEVATIONS	T ROJECT ARCHITECT/ENGINE	EN DAIL
A-201	EXTERIOR ELEVATIONS		
A-301	WALL SECTIONS	PROJECT LEAD	DATE
A-302	WALL SECTIONS		
A-303	WALL SECTIONS	PROJECT DESIGNER	DATE
A-401	ENLARGED RESTROOM PLANS		
A-501	DETAILS	Copyright © 2	<u></u>
A-601	WINDOWS AND DOOR SCHEDULE	APD Engineering & Architecti 615 fishers Mun Victor, NY 14504	ure, PLLC
A-701	DIRECTORY OF MANUFACTURERS AND SUPPLIERS		ation
DECOR D0.0	PROJECT COVER PAGE	It is a violation of law for any person, unless a licensed Architect, Professional Engineer, La	acting under the direction of
D0.0	DINING ROOM SEATING LAYOUT	Surveyor to alter any item on this documen who alters this document is required by law t	nt in any way. Any licensee
D1.1	DINING ROOM PRELIM. METALWORK LAYOUT	add the notation "Altered By" followed by h specific description of the altero	
D2.0	INTERIOR BUILDING ELEVATIONS	DO NOT SCALE P	LANS
D2.1	INTERIOR BUILDING ELEVATIONS	Copying, Printing, Software and other proc these prints can stretch or shrink the actual p	
D2.2	INTERIOR BUILDING ELEVATIONS	scaling of this drawing may be inaccurate.  need for additional dimensions of	Contact APD E&A with any
D2.3	INTERIOR BUILDING ELEVATIONS		
D3.0	DECOR ELEVATIONS		
D3.1 D4.0	DECOR ELEVATIONS  DINING ROOM REFLECTED CEILING PLAN		
D5.0	DINING ROOM FLOOR TILE PLAN		
D6.0	INTERIOR WALL FINISHES		
D7.0	G.C. PROVIDED ITEMS AND DETAILS		
D7.1	WAYFINDING SIGNAGE		
D8.0	SPECIFICATIONS	ENGINEE	
D8.1	SPECIFICATIONS		TI IDE
D8.2	SPECIFICATIONS  SPECIFICATIONS	ARCHITEC 615 Fishers Run Victor, 585.742.2222 - www.ap	NY 14564
D8.3 	SPECIFICATIONS  SPECIFICATIONS	585.742.2222 - www.ap	od.com
	SPECIFICATIONS		
D9.0	VERIFICATION PLAN		
MECHANICAL			
M-100	HVAC REMOVAL PLAN		
M-101	HVAC CONSTRUCTION PLAN		
PLUMBING	DILINADING DEVICENCE DI ANI	Ampler De	velopment LLC
P-100 P-101	PLUMBING REMOVAL PLAN PLUMBING FLOOR PLAN	4700 Fgl	ls of Neuse Rd
ELECTRICAL	FLOMBING FLOOR FLAIN	Raleig	uite 400 h, NC 27609
ED-100	ELECTRICAL DEMOLITION PLAN	phone:	: (513) 484-0965
E-101	LIGHTING PLANS		
E-102	LIGHTING EQUIPMENT & SCHEDULES		
E-201	POWER PLAN		
SE-101	SITE ELECTRICAL PLAN		
		Burger King Inc	
		Burger King Inc	•
		Store # 5427	
LOCATIC	NN MAC	344 W. Trenton Ave.	

## Ampler Development LLC Suite 400 Raleigh, NC 27609 phone: (513) 484-0965 King Inc.

344 W. Trenton Ave. Morrisville, PA 19067

> **Bucks County** Project Name & Location:

Cover Sheet

Drawing Name:

Project No. Date: 9/30/202 21-0361 BK-50 Гуре:

Drawn By:

Drawing No. Scale: As Noted |

G-001

			OWNER / GC "REMO			
			Project Name:	Burger King, Morrisville, PA		
			Address:	344 W. Trenton Ave		RURGES -
			General Contractor:	APD Engineering & Architecture		
			Architect: Civil Engineer:	APD Engineering & Architecture		
			Sign Contractor:	Allen Industries		
BUILDING SIGNAGE/CANOPY PACKAGE		OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	COMMENTS
	BK "Button" Logos (2-3 total)	X			X	Enterra Providing/ Signage Co. to Install
	BK Flame Grilling 1954 at Entry	Х			X	Enterra Providing/ Signage Co. to Install
	Address Numbers			X	X	
	Building Canopies	X			X	
CITE CICNACE	All Exterior Merchandising	OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	CC INSTALLED	COMMENTS
SITE SIGNAGE	Parking Lot LED Lighting	OWNER PROVIDED	OWNER INSTALL	X X	GC INSTALLED X	COMMENTS
	3 0			, , , , , , , , , , , , , , , , , , ,	<u> </u>	
BUILDING EXTERIOR LIGHTS		OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	COMMENTS
All E	Exterior LED Lighting on Building			X	X	
	Red Light Band	Х			X	Enterra Providing/ Signage Co. to Install
BUILDING INTERIOR LIGHTS	FOUR POLLED Links Findows	OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	COMMENTS
All Interio	or FOH & BOH LED Light Fixtures			X	X	
DRIVE THRU		OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	COMMENTS
DIVE TING	Drive Thru Clearance Bar	X	OWNER INCIALE	COTROVIDED	X	Enterra Providing/ Signage Co. to Install
Order	Confirmation Unit (OCU) Canopy	X			X	Enterra Providing/ Signage Co. to Install
	Confirmation Unit (OCU) Monitor	X			X	Sicom to install OCU monitors when applicable
	Exterior Digital Menu Boards	X	X			Sicom providing / Sicom to Install
Drive Thr	u Menu & Presell Board Footings			X	х	GC to install footings
	Bollard Poles at Building			X	X	
	OCU and Clearance Bar Footings			Х	X	GC to install concrete footings
WALK IN COOLER/ FREEZER		OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	COMMENTS  Where applicable
		X			X	Where applicable
EXHAUST HOODS & FANS		OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	COMMENTS
EXHAGOT HOODS & FARC	Bathroom Exhaust Fans	OWNERTROVIDED	OWNER INGTALL	X	X	- COMMENTO
PLUMBING & ACCESSORIES		OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	COMMENTS
	Grab Bars			х	Х	TBD - upon # of stalls
	Mirrors (2)			X	Х	One for each restroom
	Paper Towel Dispensor (2)			X	X	One for each restroom. Match kitchen units
	Soap Dispensor (2)			X	X	One for each restroom - Match kitchen units
	TP Dispensors (2)			X	X	One for each restroom
	Sanitary Napkin Disposal (1)			X	X	TBD - upon # of stalls
	Recessed Waste Baskets (2)  Baby Changing Stations (2)			X	X	One for each restroom One for each restroom - install after opening
	Toilets (2) and Urinal (1)			X X	X Y	TBD - By Project
	Sinks (2)			×	X	One for each restroom
All	other Misc Plumbing Acessories			X	X	
INTERIOR / EXTERIOR MENU BOARDS		OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	COMMENTS
	INTERIOR Digital Menu Boards	х	x			Owner to remove / Install by 3rd party / GC runs low voltage & data
	EXTERIOR Digital Menu Boards	Х	x			Owner to remove / Install by 3rd party / GC runs low voltage & data
STAINLESS STEEL ITEMS		OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	COMMENTS
Kitch	en stainless Steel Corner Guards			X	Х	
FOURMENT	Misc Steel	OWNER PROVIDER	OWNED WOTALL	X	X	COMMENTS
EQUIPMENT	Cooking Equipment	OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	CC to coordinate w/ yander if needed
	Equipment Start Up	X			X X	GC to coordinate w/ vendor if needed GC to coordinate w/ vendor if needed
					^	CO to coordinate w/ vendor ii needed
SEATING & DÉCOR		OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	COMMENTS
	Install Décor Package (Below)	X			Х	CHI or FCC Décor Package
	Booths, Tables & Chairs	X			X	CHI or FCC Décor Package
	Divider & Half Walls	Х			х	CHI or FCC Décor Package
	Cabinets / Drink Station Doors	X			X	H&K
	Service Counter / Top / Knee Wall	X			X	CHI or FCC Décor Package
Interior Wall Gra	aphics (largs signs, stickers etc.)  Ceiling Soffits & Grid	X		V	X	Moss Graphic Package
	Core Drilling for Booths & Tables			X X	X Y	
<u> </u>	Playground matting	X	Y Y	^	^	Owner to coordinate timing w/ GC
DINING & RESTROOM FINISHES	, 5	OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	COMMENTS
	Dining Room Wainscot	X			X	In REFRESH plans, tile replaces wainscott
	Window Sills	Х			Х	See approved vendors on finish schedule
	Chair Rail	X			X	See approved vendors on finish schedule
Dini	ng & Restroom Floor Tile & Base			X	X	See approved vendors on finish schedule
	·			X	X	See approved vendors on finish schedule
	Restroom Wall Tile	1		X	X	See approved vendors on finish schedule  See approved vendors on finish schedule
	Kitchen Floor Tile & Base		+		v	SUB AUDIOVED VERDORS OF TIMER SCHOOLIIA
	Kitchen Floor Tile & Base Wall Tile Behind Front Counter			X	X	
LT. & OTHER TECH	Kitchen Floor Tile & Base	OWNER PROVIDED	OWNER INSTALL	Х	Х	See approved vendors on finish schedule
I.T. & OTHER TECH	Kitchen Floor Tile & Base Wall Tile Behind Front Counter	OWNER PROVIDED X	OWNER INSTALL X			
I.T. & OTHER TECH	Kitchen Floor Tile & Base Wall Tile Behind Front Counter Wall Tile Behind Drink Station	Х	OWNER INSTALL  X  X	Х	Х	See approved vendors on finish schedule
I.T. & OTHER TECH	Kitchen Floor Tile & Base Wall Tile Behind Front Counter Wall Tile Behind Drink Station Security Camera System		X	Х	Х	See approved vendors on finish schedule  COMMENTS
I.T. & OTHER TECH	Kitchen Floor Tile & Base Wall Tile Behind Front Counter Wall Tile Behind Drink Station  Security Camera System Security monitor/brackets	X X	X	Х	Х	See approved vendors on finish schedule  COMMENTS
I.T. & OTHER TECH	Kitchen Floor Tile & Base Wall Tile Behind Front Counter Wall Tile Behind Drink Station  Security Camera System Security monitor/brackets Burgular Alarm System	X X X	X X X	Х	Х	See approved vendors on finish schedule  COMMENTS  Install 2 OF Tvs/brackets for camera monitor
	Kitchen Floor Tile & Base Wall Tile Behind Front Counter Wall Tile Behind Drink Station  Security Camera System Security monitor/brackets Burgular Alarm System Music & Microphone System  TV / Brackets Internet / Telephone System	X X X	X X X	Х	Х	See approved vendors on finish schedule  COMMENTS  Install 2 OF Tvs/brackets for camera monitor  Owner to provide
I.T. & OTHER TECH  All Low Voltage / Data / Termination (POS, DMBs, Office, Timer	Kitchen Floor Tile & Base Wall Tile Behind Front Counter Wall Tile Behind Drink Station  Security Camera System Security monitor/brackets Burgular Alarm System Music & Microphone System  TV / Brackets Internet / Telephone System s, Headsets, Drink Station, CHEF	X X X X X	X X X	Х	Х	See approved vendors on finish schedule  COMMENTS  Install 2 OF Tvs/brackets for camera monitor  Owner to provide  Hang FBO TV Brackets for OPS team (1-2 brackets)  GC to prepare rough in for installers where applicable
	Kitchen Floor Tile & Base Wall Tile Behind Front Counter Wall Tile Behind Drink Station  Security Camera System Security monitor/brackets Burgular Alarm System Music & Microphone System  TV / Brackets Internet / Telephone System	X X X X	X X X	Х	Х	See approved vendors on finish schedule  COMMENTS  Install 2 OF Tvs/brackets for camera monitor  Owner to provide  Hang FBO TV Brackets for OPS team (1-2 brackets)

	Issued:	Date:
Α	Issued for Permit	1/7/2022
В	Bid Set	3/7/2022
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	Revisions:	Date:
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7		
8		
9		

PROJECT ARCHITECT/ENGINEER

PROJECT LEAD

PROJECT DESIGNER

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Victor, NY 14544

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Burger King Inc. Store # 5427 344 W. Trenton Ave. Morrisville, PA 19067

Bucks County

Project Name & Location:

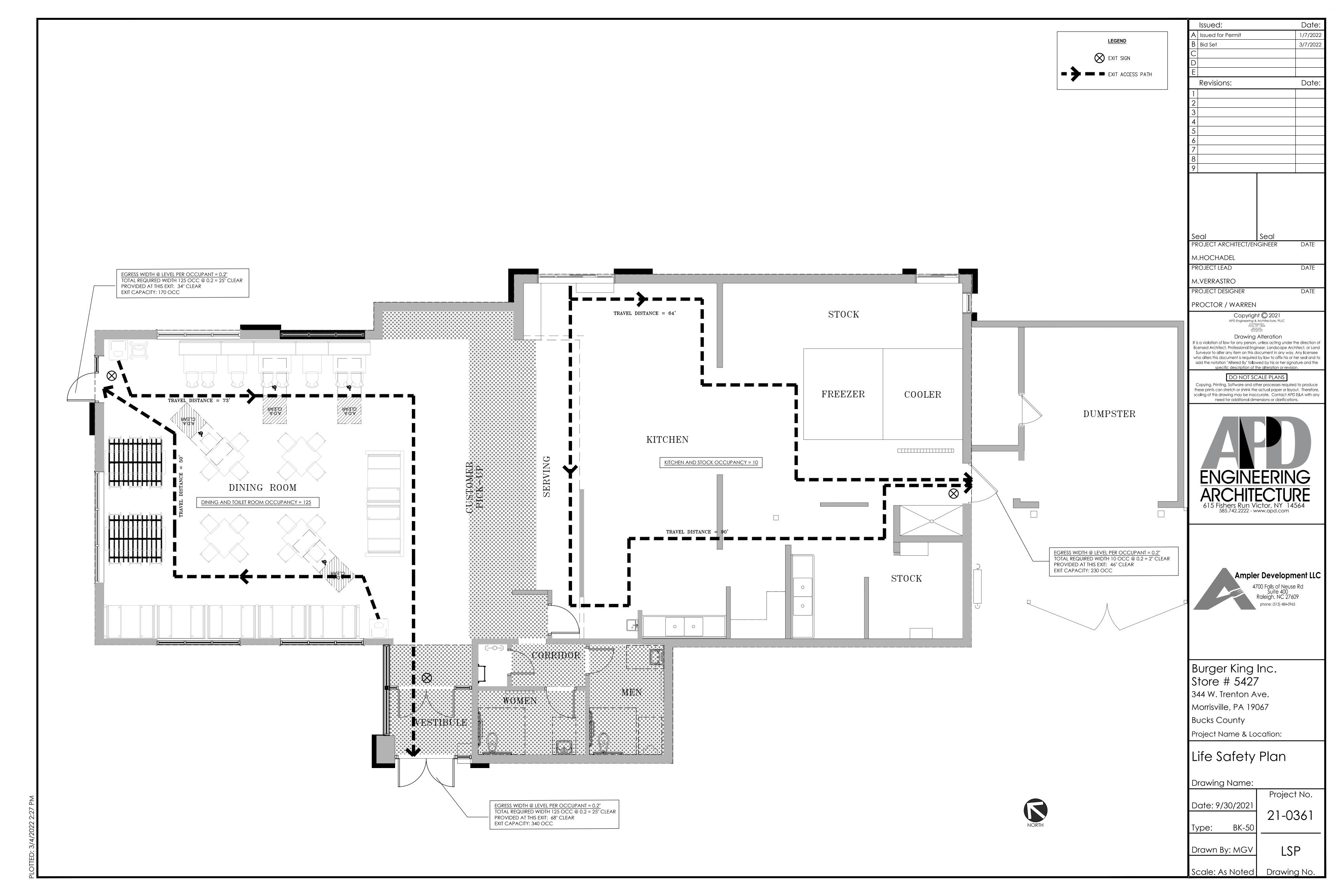
Owner/GC Remodel Duties Drawing Name:

	Project No.
Date: 9/30/2021	
	21-0361

BK-50 Type:

Drawn By: MGV G-002

Scale: As Noted Drawing No.





## SITE DEVELOPMENT PLANS

**FOR** 

## BURGER KING - TOWN OF MORRISVILLE, PA

344 WEST TRENTON AVE **MORRISVIILE, PA 19067-2041** 



### **DRAWING LIST:**

Cover Sheet Erosion & Sediment Control Plan ES-2

Erosion & Sediment Control Notes C1 Site Plan C1.2 Notes C6 C8 Details Sheet

Specifications

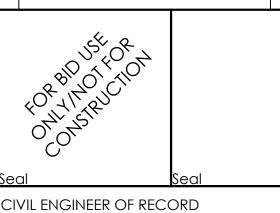
#### **CLIENT:**

AMPLER DEVELOPMENT LLC BURGER KING FRANCHISEE C/O QUATRRO BUSINESS SUPPORT SERVICES 1850 PARKWAY PLACE **SUITE 1150** MARIETTA, GA 30067 ATTN: DAN PEYTON (513) 484-0965 DPEYTON@AMPLERGROUP.COM

### **ENGINEER:**

APD ENGINEERING & ARCHITECTURE 615 FISHERS RUN VICTOR, NY 14564 (585) 742-0222 CONTACT: TODD MARKEVICZ, P.E.

	Issued:	Date:
Α		
В		
С		
D		
Е		
F		
G		
Н		
	Revisions:	Date:
1	Addition of Notes	2/14/22
2		
3		
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Name: Todd G. Markevicz Firm Approval No.: 002215

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#### Burger King #5427

344 West Trenton Avenue Morrisville, PA 19067-2041

Bucks County

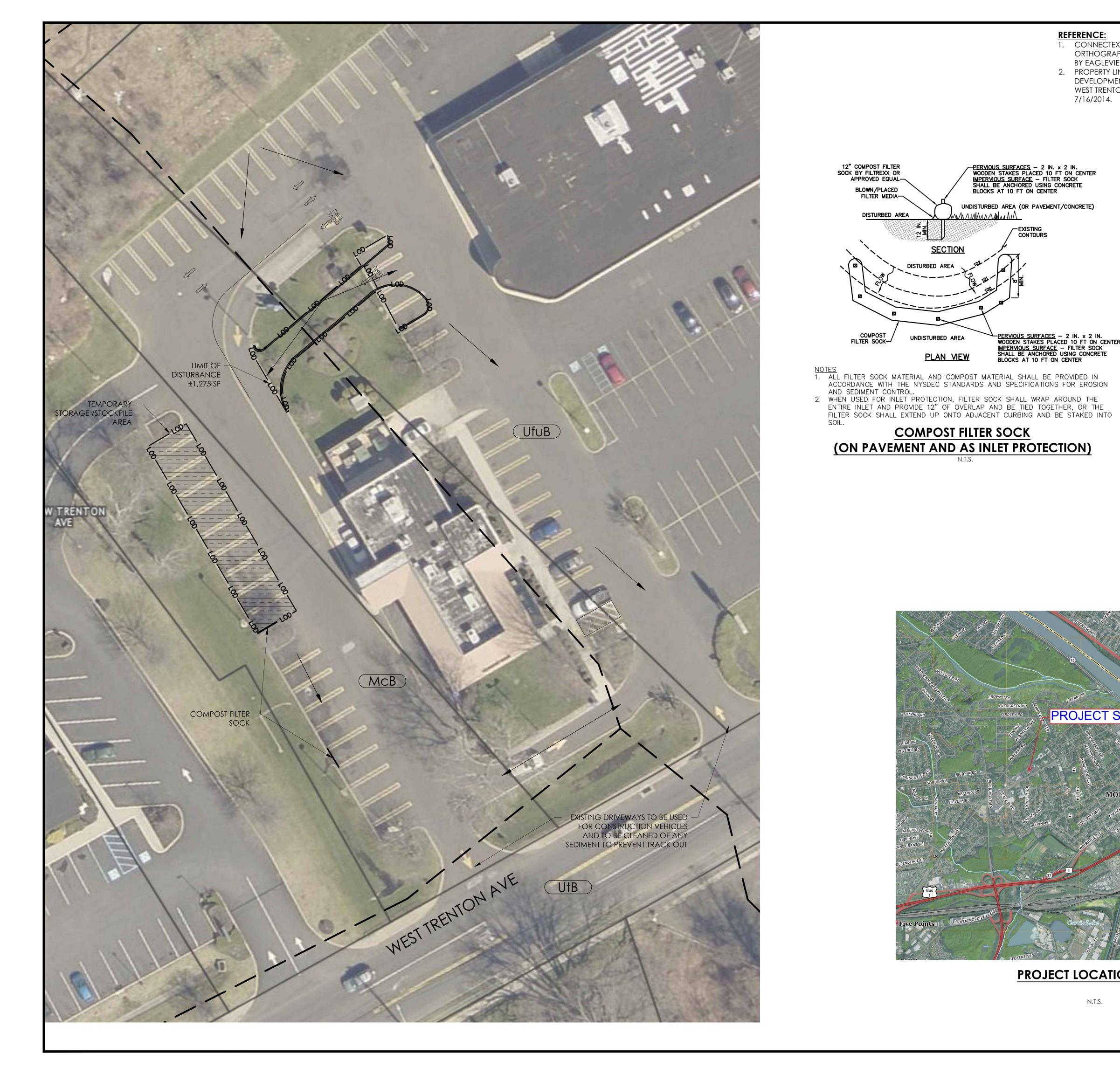
Project Name & Location:

### Cover Sheet

Drawing Name: Project No. Date: 09/10/21 21-0361 Type:

Drawn By: ASH

Drawing No.



#### **REFERENCE:**

PERVIOUS SURFACES — 2 IN. x 2 IN.
WOODEN STAKES PLACED 10 FT ON CENTER
IMPERVIOUS SURFACE — FILTER SOCK
SHALL BE ANCHORED USING CONCRETE
BLOCKS AT 10 FT ON CENTER

UNDISTURBED AREA (OR PAVEMENT/CONCRETE)

-EXISTING CONTOURS

PERVIOUS SURFACES — 2 IN. x 2 IN.
WOODEN STAKES PLACED 10 FT ON CENTER
IMPERVIOUS SURFACE — FILTER SOCK
SHALL BE ANCHORED USING CONCRETE
BLOCKS AT 10 FT ON CENTER

12" COMPOST FILTER SOCK BY FILTREXX OR APPROVED EQUAL—

BLOWN/PLACED FILTER MEDIA-

DISTURBED AREA

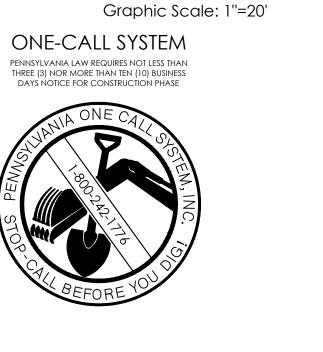
UNDISTURBED AREA

PLAN VIEW

COMPOST FILTER SOCK

(ON PAVEMENT AND AS INLET PROTECTION)

- 1. CONNECTEXPLORER ONLINE ORTHOGRAPHIC HI-RES IMAGERY BY EAGLEVIEW DATED 04/02/2017.
- 2. PROPERTY LINES FROM SITE DEVELOPMENT PLANS FOR 344 WEST TRENTON AVE, LAST REVISED 7/16/2014.



#### LEGEND OF IMPROVEMENTS

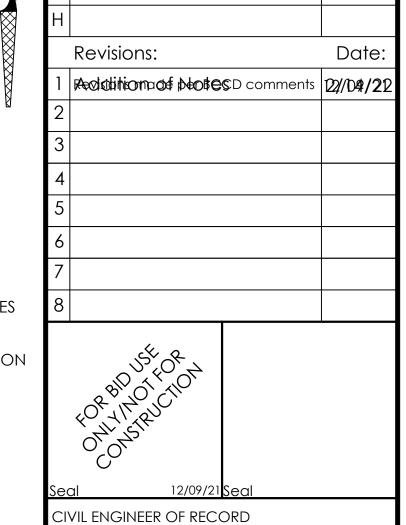
SOIL BOUNDARY

LIMITS OF DISTURBANCE/NPDES PERMIT BOUNDARY

→ APPROXIMATE FLOW DIRECTION

ACREAGE SUMMARY **ACREAGE** 

PROJECT SITE AREA 1.60± TOTAL DISTURBED AREA  $0.07 \pm$ EXISTING IMPERVIOUS AREA WITHIN DISTURBED  $0.05 \pm$ PROPOSED IMPERVIOUS AREA WITHIN DISTURBED  $0.06 \pm$ 



Issued:

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Drawing Alteration

Name: Todd G. Markevicz Penn. License No.: PE084166

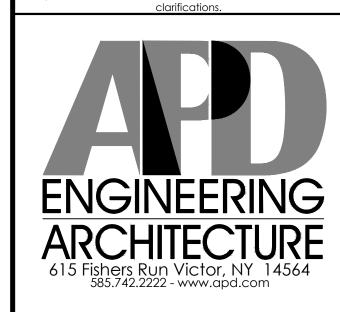
Firm Approval No.: 002215

Exp. Date: September 30, 2023

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Burger King #5427

344 West Trenton Avenue Morrisville, PA 19067-2041

Bucks County

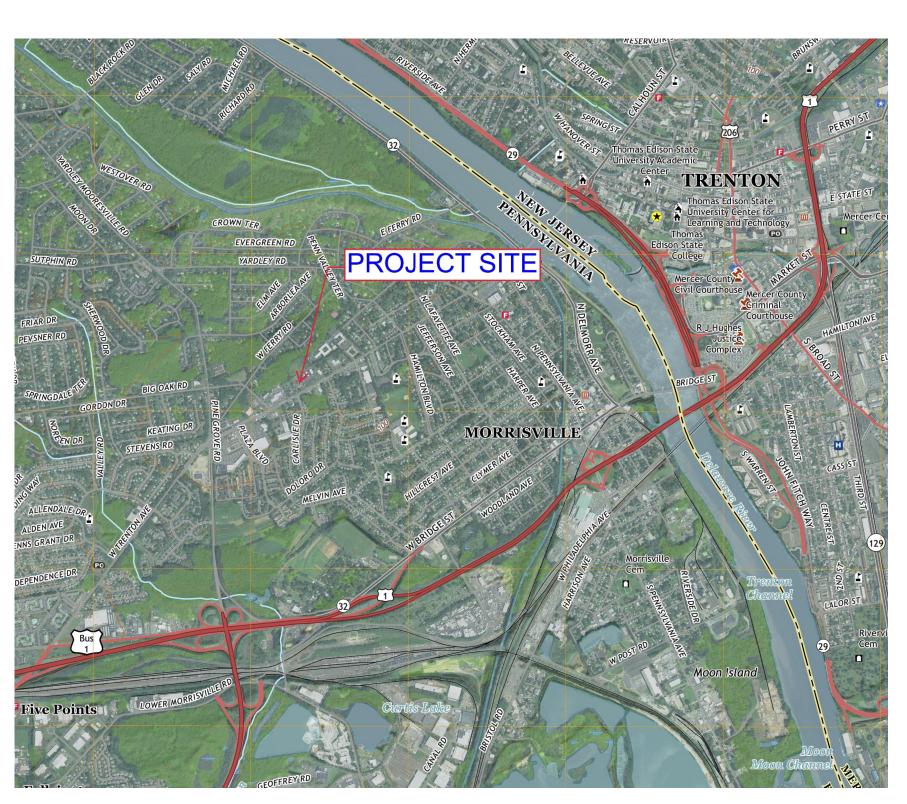
Project Name & Location:

Erosion & Sediment Control Plan

Drawing Name:

Project No. Date: 09/10/21 21-0361 Type:

Drawn By: ASH ES-1 1''=20' Drawing No.



PROJECT LOCATION MAP

#### STANDARD E & S CONTROL NOTES:

- 1. STOCKPILE HEIGHTS MUST NOT EXCEED 35 FEET; STOCKPILE SLOPES MUST NOT EXCEED 2:1.
- 2. THE OPERATOR/RESPONSIBLE PERSON (O/RP) ON SITE SHALL ASSURE THAT THE APPROVED EROSION AND SEDIMENT CONTROL PLAN IS PROPERLY AND COMPLETELY IMPLEMENTED.
- 3. IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE O/RP SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES (BMPS) TO ELIMINATE THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION.
- 4. THE O/RP SHALL ASSURE THAT AN EROSION AND SEDIMENT CONTROL PLAN HAS BEEN PREPARED AND APPROVED BY THE BUCKS COUNTY CONSERVATION DISTRICT AND IS BEING IMPLEMENTED AND MAINTAINED FOR ALL SOILS AND/OR ROCK SPOIL AND BORROW AREAS REGARDLESS OF THEIR LOCATIONS.
- 5. ALL PUMPING OF SEDIMENT-LADEN WATER SHALL BE THROUGH A SEDIMENT CONTROL BMP SUCH AS A PUMPED WATER FILTER BAG DISCHARGING OVER AN UNDISTURBED AREA.
- 6. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN MUST BE AVAILABLE ON THE PROJECT SITE AT ALL TIMES.
- 7. EROSION AND SEDIMENT BMPS MUST BE CONSTRUCTED, STABILIZED AND FUNCTIONAL BEFORE SITE DISTURBANCE BEGINS WITHIN THE TRIBUTARY AREAS OF THOSE BMPS.
- 8. AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY EROSION AND SEDIMENT BMP CONTROLS MUST BE REMOVED. AREAS DISTURBED DURING THE REMOVAL OF THE BMPS MUST BE STABILIZED IMMEDIATELY.
- 9. AT LEAST SEVEN (7) DAYS BEFORE STARTING ANY EARTH DISTURBANCE ACTIVITY, THE O/RP SHALL INVITE ALL CONTRACTORS INVOLVED IN THAT ACTIVITY, THE LANDOWNER, ALL APPROPRIATE MUNICIPAL OFFICIALS, THE EROSION AND SEDIMENT CONTROL PLAN DESIGNER AND THE BUCKS COUNTY CONSERVATION DISTRICT TO A PRE-CONSTRUCTION MEETING. ALSO, AT LEAST THREE (3) DAYS BEFORE STARTING ANY EARTH DISTURBANCE ACTIVITY, ALL CONTRACTORS INVOLVED IN THAT ACTIVITY SHALL NOTIFY THE PENNSYLVANIA ONE-CALL SYSTEM INC. AT 1-800-242-1776 TO DETERMINE ANY UNDERGROUND UTILITIES LOCATIONS
- 10. IMMEDIATELY AFTER EARTH DISTURBANCE ACTIVITY CEASES, THE O/RP SHALL STABILIZE ANY AREAS DISTURBED BY THE ACTIVITY. DURING NON-GERMINATING PERIODS, MULCH MUST BE APPLIED AT SPECIFIED RATES. DISTURBED AREAS THAT ARE NOT FINISHED GRADE AND WHICH WILL BE RE-DISTURBED WITHIN ONE YEAR MUST BE STABILIZED IN ACCORDANCE WITH TEMPORARY VEGETATIVE STABILIZATION SPECIFICATIONS.
- 11. DISTURBED AREAS THAT ARE AT A FINISHED GRADE OR WHICH WILL NOT BE RE-DISTURBED WITHIN ONE YEAR MUST BE STABILIZED IN ACCORDANCE WITH PERMANENT VEGETATIVE STABILIZATION SPECIFICATIONS.
- 12. AN AREA SHALL BE CONSIDERED TO HAVE ACHIEVED FINAL STABILIZATION WHEN IT HAS A MINIMUM UNIFORM 70% VEGETATIVE OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING AND OTHER MOVEMENTS.
- 13. UPON THE INSTALLATION OF TEMPORARY SEDIMENT BASIN RISER(S), A QUALIFIED SITE REPRESENTATIVE SHALL CONDUCT AN IMMEDIATE INSPECTION OF THE RISER(S), WHEREUPON THE BUCKS COUNTY CONSERVATION DISTRICT SHALL BE NOTIFIED IN WRITING THAT THE RISER IS SEALED (WATERTIGHT).
- 14. AT STREAM CROSSINGS, A 50-FOOT BUFFER SHALL BE MAINTAINED. ON BUFFERS, CLEARINGS, SOD DISTURBANCES AND EXCAVATIONS, EQUIPMENT TRAFFIC SHOULD BE MINIMIZED. ACTIVITY SUCH AS STACKING LOGS, BURNING CLEARED BRUSH, DISCHARGED RAINWATER FROM TRENCHES, WELDING PIPE SECTIONS, REFUELING AND MAINTAINING EQUIPMENT SHOULD BE AVOIDED WITHIN BUFFER ZONES.
- 15. UNTIL A SITE IS STABILIZED, ALL EROSION AND SEDIMENT BMPS MUST BE MAINTAINED PROPERLY. MAINTENANCE MUST INCLUDE INSPECTIONS OF ALL EROSION CONTROL BMPS AFTER EACH RUNOFF EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEANOUT, REPAIR, REPLACEMENT, RE-GRADING, RE-SEEDING, RE-MULCHING AND REONETTING MUST BE PERFORMED IMMEDIATELY. IF EROSION AND SEDIMENT CONTROL BMPS FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMPS, OR MODIFICATIONS OF THOSE INSTALLED, WILL BE REQUIRED.
- 16. SEDIMENT REMOVED FROM BMPS SHALL BE DISPOSED OF ON-SITE IN LANDSCAPED AREAS OUTSIDE OF STEEP SLOPES, WETLANDS, FLOODPLAINS OR DRAINAGE SWALES AND IMMEDIATELY STABILIZED OR PLACED IN SOIL STOCKPILES AND STABILIZED.
- 17. ALL BUILDING MATERIAL AND WASTES MUST BE REMOVED FROM THE SITE AND RECYCLED IN ACCORDANCE WITH DEP'S SOLID WASTE REGULATIONS (25 PA CODE 260.1 ET SEQ., 271.1 ET SEQ., AND 287.1 ET SEQ.) AND/OR ANY ADDITIONAL LOCAL, STATE OR FEDERAL REGULATIONS. NO BUILDING MATERIALS (USED OR UNUSED) OR WASTE MATERIALS SHALL BE BURNED, BURIED, DUMPED, OR DISCHARGED AT THE SITE.

#### **CONSTRUCTION SEQUENCE:**

- 1. IF NECESSARY, A WASH DOWN SYSTEM SHOULD BE ADDED TO REMOVE SEDIMENT FROM VEHICLES. WATER TREATMENT, STORAGE, AND PROPER DISPOSAL IS REQUIRED IF A WHEEL WASH SYSTEM IS USED ALL SEDIMENT SHOULD BE COLLECTED IN A SEDIMENT TRAP. SWEEP ROAD AS NECESSARY TO AVOID SEDIMENT TRACK OUT FROM THE SITE.
- 2. INSTALL THE SEDIMENT CONTROL BMP'S ALONG THE DOWNSLOPE PERIMETER OF THE DISTURBANCE PRIOR TO ANY EARTH DISTURBANCE WITHIN THE DRAINAGE AREA OF THE INTENDED BMP'S.
- 3. STRIP TOPSOIL FROM THE AREAS SHOWN AND THE IMMEDIATE WORK AREA ONLY. STOCKPILE TOPSOIL IN THE LOCATION SHOWN. TEMPORARILY SEED AND STRAW-MULCH THE STOCKPILE.
- 4. PROCEED WITH SITE IMPROVEMENTS. TEMPORARILY SEED AND MULCH ANY DISTURBED AREAS WHERE WORK CEASES.
- 5. DURING FAVORABLE GROWING CONDITIONS FINISH GRADE, REPLACE A MINIMUM UNIFORM 6" OF TOPSOIL, AND IMMEDIATELY APPLY LIME, FERTILIZER, SEED, STRAW-MULCH, AND TACKIFIER PER THE PERMANENT STABILIZATION SPECIFICATIONS OR SOIL TEST RECOMMENDATIONS. DO NOT DISTURB OUTSIDE THE LIMIT OF DISTURBANCE SHOWN ON THE DRAWINGS.
- 6. MAINTAIN AND REPAIR ALL BMP'S IMMEDIATELY AFTER EVERY RUNOFF EVENT AND ON A WEEKLY BASIS THROUGHOUT CONSTRUCTION AND UNTIL ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED (I.E. AT LEASE A UNIFORM 70%, WELL-ESTABLISHED, PERENNIAL VEGETATIVE COVER).
- 7. UPON PERMANENT STABILIZATION REMOVE AND PROPERLY DISPOSE OF/RECYCLE ANY SILT FENCE, CONSTRUCTION WASTES, AND/OR OTHER BMP'S. PERMANENTLY STABILIZE AREAS DISTURBED BY REMOVAL OF THE BMP'S.

## STANDARD E&S WORKSHEET # 21 Temporary and Permanent Vegetative Stabilization Specifications

PROJECT NAME: Burger King #5427

LOCATION: 344 West Trenton Ave, Morrisville, PA 19067-2041

PREPARED BY: Amanda S Hansen

CHECKED BY: Stephanie Albright, P.E.

SPECIFICATIONS: The Department recommends the use of the Penn State publication, "Erosion Control and Conservation Plantings on Noncropland," as the standard to use for the selection of species, seed specifications, mixtures, liming and fertilizing, time of seeding, and seeding methods. Specifications for these items may also be obtained from PennDOT's Publication # 408, Section 804 or by contacting the applicable county conservation district. Upon selection of a reference, that reference should be used to provide all specifications for seeding, mulching, and soil amendments. The following specification will be used for this project:

specification will i	be used for this project.				
(TEMPORARY)	*SPECIES:	Annual Ryegrass			
,	% PURE LIVE SEED:	95			%
	APPLICATION RATE:	40			LB./ACRE
	FERTILIZER TYPE:	50-50-50			(X-X-X)
	FERTILIZER APPL. RATE:	600			LB./ACRE
	LIMING RATE:	1			T./ACRE
	MULCH TYPE:	Hay or Straw			;
	MULCHING RATE:	3			T./ACRE
(PERMANENT)	TOPSOIL PLACEMENT DEPTH:	4			IN.
	*SPECIES:	Perennial Ryegras	s, Red Fesc	ue, Kentucky B	
	% PURE LIVE SEED:	85,	80,	80	%
	APPLICATION RATE	110	65,	45	LB./ACRE
	FERTILIZER TYPE:	10-20-20			(X-X-X)
	FERTILIZER APPL. RATE:	1000	:		LB./ACRE
	LIMING RATE:	per soil conditions			T./ACRE
	MULCH TYPE:	straw			<del></del>
	MULCHING RATE:	3.0			T./ACRE
	ANCHOR MATERIAL:	N/A			
	ANCHORING METHOD:	N/A			<del></del>
RATE	OF ANCHOR MATERIAL APPL.:	N/A			LB./ACRE
	SEEDING SEASON DATES:	April - Mid Novemb	per		

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	Revisions:	Date:
1	Addition of Notes	2/14/22
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APD Engineering & Architecture, LLC
615 Fishers Run
Victor, NY 14564

8854-9277

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Burger King #5427

344 West Trenton Avenue
Morrisville, PA 19067-2041
Bucks County

Project Name & Location:

Erosion & Sediment Control Notes

Drawing Name:

Project No.

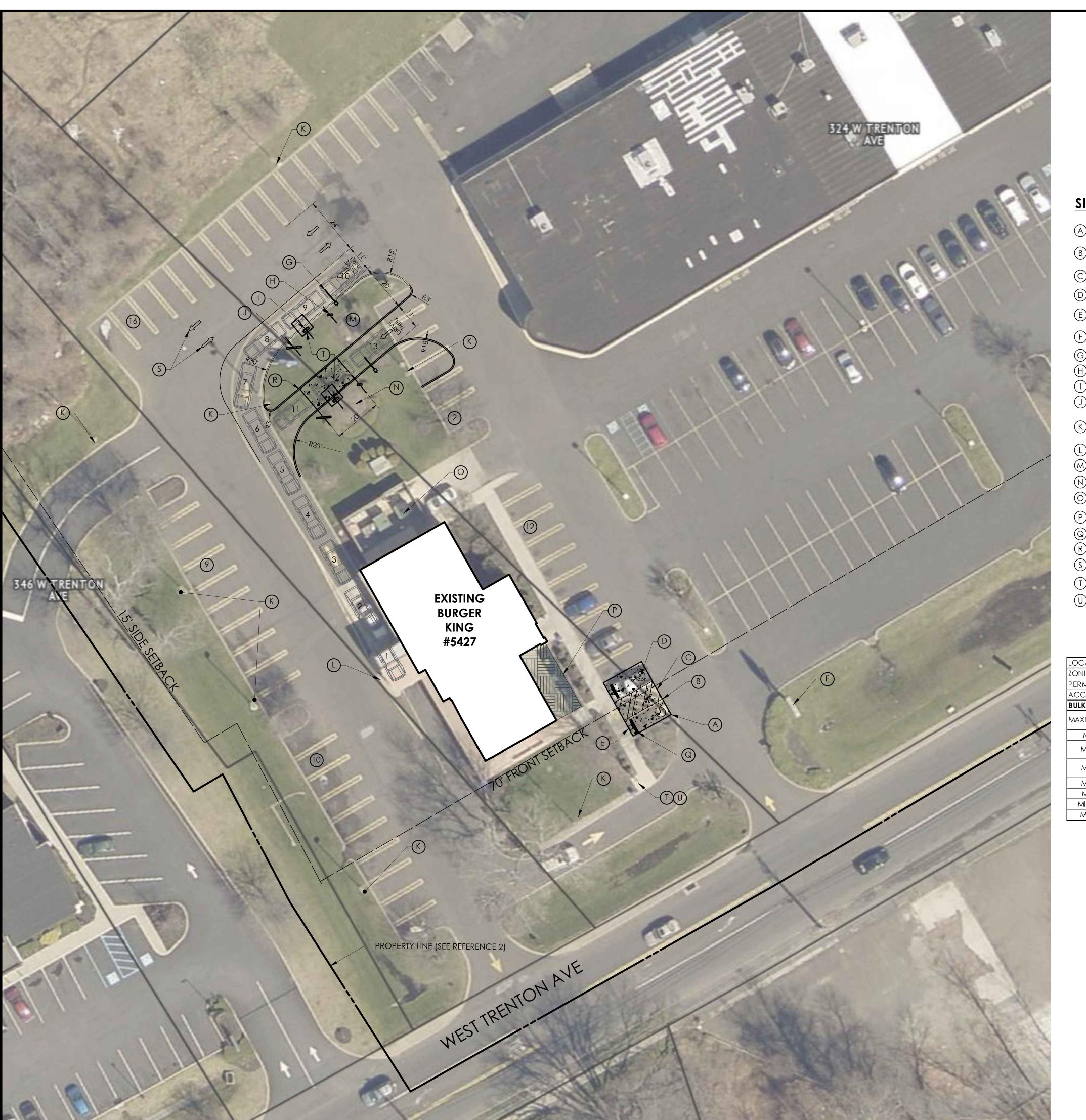
Date: 09/10/21

21-0361

Type:

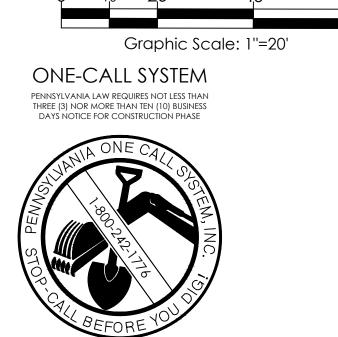
Drawn By: ASH ES-2

: N.T.S. Drawing No.



#### REFERENCE:

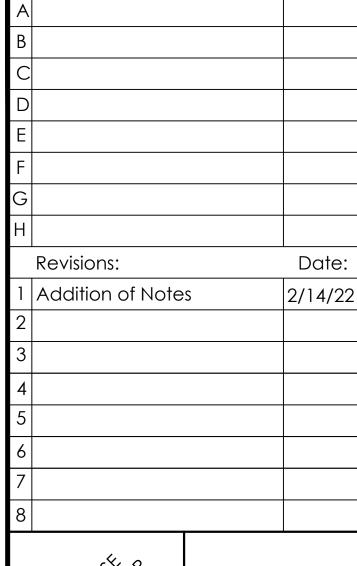
- . CONNECTEXPLORER ONLINE ORTHOGRAPHIC HI-RES IMAGERY BY EAGLEVIEW DATED 04/02/2017.
- 2. PROPERTY LINES FROM SITE DEVELOPMENT PLANS FOR 344 WEST TRENTON AVE, LAST REVISED 7/16/2014.



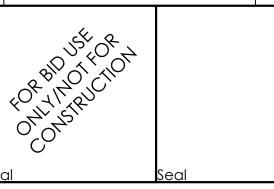
### SITE LEGEND:

- ASPHALT PAVEMENT
- B EXISTING ADA PARKING TO BE RESTRIPED AREA OF ADA PARKING SHALL MEET CURRENT ADA REQUIREMENTS
- PAINTED PARKING ISLAND AREA TO BE STRIPED WITH 4" SYSL @ 2'-0" O.C. AND AT 45° TO PARKING SPACE.
- D PAINTED ACCESSIBLE PARKING SYMBOL (REFER TO DETAIL)
- ACCESSIBLE PARKING SIGN, POST & BOLLARD (REFER TO
- EXISTING PYLON SIGN TO BE REPLACED AND POLE TO BE PAINTED BLACK (REFER TO BRAND BOOK)
- G CLEARANCE BAR (TYP)
- (H) OPTIONAL PREVIEW BOARD (TYP)
- (I) ORDER CONFIRMATION UNIT (TYP)
- J MENU BOARD (TYP)
- LIGHT POLE TO BE PAINTED BLACK AND BASE TO BE K COVERED WITH SLEEVE - COLOR BLACK (TYP.- SEE
- L CONCRETE CURB TO REMAIN AND BE PAINTED YELLOW
- M EXISTING TRANSFORMER TO REMAIN
- N EXISTING TREE TO REMAIN
- EXISTING DUMPSTER TO REMAIN
- PORTION OF BUILDING TO BE REMOVED & REPLACED WITH LANDSCAPING (REFER TO BUILDING PLANS)
- CONCRETE WHEEL STOP (TYP.)
- R 20' X 11' HEAVY DUTY CONCRETE PAD
- S PAINTED PAVEMENT ARROWS (REFER TO DETAIL)
- SEE BUILDING ELECTRICAL PLAN FOR CONDUIT ROUTING AND WIRING TO FLAG POLE, DRIVE-THRU EQUIPMENT, ETC.
- U FLAGPOLE TO REMAIN AND BE PAINTED BLACK

LOCAL JURISDICTION:	FALLS TOWNSHIP		
ZONING CLASSIFICATION:	NC - NEIGHBORHOOD COMMERCIAL		
PERMITTED USES:	RESTAURANTS		
ACCESSORY USES:	DRIVE-THROUGH FACILITY		
BULK REQUIREMENTS	REQUIRED	PROPOSED*	VARIANCE
MAXIMUM BUILDING HEIGHT	25 FT	19 FT - 7 IN	NO
MINIMUM LOT AREA	20,000 SQFT	NO CHANGE	NO
MINIMUM FRONTAGE	125 FT	NO CHANGE	NO
MINIMUM LOT WIDTH	125 FT	NO CHANGE	NO
MINIMUM LOT DEPTH	125 FT	NO CHANGE	NO
minimum side yard	15 FT	NO CHANGE	NO
MINIMUM FRONT YARD	70 FT	NO CHANGE	NO
MINIMUM REAR YARD	15 FT	NO CHANGE	NO



Issued:



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Burger King #5427

344 West Trenton Avenue Morrisville, PA 19067-2041

**Bucks County** 

Project Name & Location:

Site Plan

Drawing Name: Date: 09/10/21

21-0361 Type:

Project No.

Drawn By: ASH Drawing No. 1''=20'

#### **DEMOLITION NOTES:**

- 1. PRIOR TO DEMOLITION OCCURRING, ANY REQUIRED EROSION CONTROL DEVICES SHALL BE INSTALLED.
- 2. ALL SIDEWALKS, SLABS, FOUNDATIONS, DEBRIS, AND MISCELLANEOUS DEMOLITION OF ALL ITEMS SHOWN IN CONSTRUCTION DOCUMENTS SHALL BE SPOILED OFF-SITE IN A LEGAL MANNER STUMPS AND BRUSH MAY NOT BE BURIED AND MUST BE REMOVED AND DISPOSED OF OFFSITE. PAVEMENT REMOVED WILL BE ALLOWED AS RECYCLED FILL ONLY AFTER REVIEW AND APPROVAL BY OWNER AND GEOTECHNICAL ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION, TRANSPORTING, AND DISPOSAL. PROOF OF LEGAL DISPOSAL SHALL BE PROVIDED UPON OWNER REQUEST.
- 3. ALL EXISTING ON-SITE UTILITIES SHALL REMAIN UNLESS DESIGNATED FOR REMOVAL OR ABANDONMENT, OR WITHIN CONFLICT OF BUILDING IMPROVEMENTS.
- 4. CONTRACTOR TO REMOVE, RELOCATE AND/OR PROVIDE TEMPORARY UTILITY SERVICES, WHEN APPLICABLE, ALL EXISTING BUILDINGS, FOUNDATIONS, BASEMENTS, CONNECTING IMPROVEMENTS, DRAIN PIPES, SANITARY SEWER PIPES, POWER POLES AND GUY WIRES, WATER METERS AND WATER LINES, WELLS, SIDEWALKS, SIGN POLES, UNDERGROUND GAS, TANKS, VAULTS, STRUCTURES, ASPHALT, ETC. SHOWN AND NOT SHOWN, WITHIN THE CONSTRUCTION LIMITS AND WHERE NEEDED, SHALL BE REMOVED OR RELOCATED TO ALLOW FOR NEW CONSTRUCTION, AS SHOWN. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIALS AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL PER THE SPECIFICATIONS. RECYCLED FILL SHALL NOT BE USED IN BUILDING PAD.
- THE CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANIES AND PROVIDE PROPER NOTIFICATION PRIOR TO THE REMOVAL AND/OR RELOCATION OF UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY'S FORCES AND ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR THEIR SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES, INCLUDING INSPECTION AND TESTING AND INCLUDE IN BASE BID. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, ETC. AS REQUIRED. SOME UTILITIES MAY BE CONSIDERED PRIVATE AND NOT LOCATED BY UTILITY COMPANIES. VERIFY THE LOCATIONS OF ALL LATERALS, SERVICE CONNECTIONS, LIGHTING CIRCUITS, SIGN CIRCUITS, AND OTHER UTILITIES AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES.
- CAUTION: NOTICE TO CONTRACTOR: THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON THE LISTED REFERENCES, RECORDS OF VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE AND THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. CONTRACTOR IS RESPONSIBLE TO VERIFY GRADES AND UTILITIES (INCLUDING INTEGRITY) SHOWN ON PLANS PRIOR TO START OF ANY WORK. ANY AND ALL DISCREPANCIES ARE TO BE DOCUMENTED AND SUBMITTED TO THE OWNER AND ENGINEER AT THE TIME OF DISCOVERY. THIS WORK SHALL BE COMPLETED EARLY ENOUGH TO AVOID DELAYS AND ALLOW FOR REDESIGN IF REQUIRED. THE CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS TO LOCATE EXISTING UNDERGROUND UTILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS AS REQUIRED TO MEET EXISTING CONDITIONS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- 7. CONTRACTOR MAY LIMIT SAW-CUT & PAVEMENT REMOVAL TO ONLY THOSE AREAS WHERE IT IS REQUIRED AS SHOWN ON THESE CONSTRUCTION PLANS OR AS MAY BE REQUIRED TO PROVIDE A SMOOTH, PROPERLY DRAINING, PAVEMENT SURFACE. IF ANY DAMAGE IS INCURRED ON ANY OF THE SURROUNDING PAVEMENT, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS REMOVAL AND REPAIR. EXISTING PAVEMENT AND CONCRETE SHALL BE SAW-CUT PRIOR TO REMOVAL.
- 8. MANHOLES, CATCH BASINS, CLEANOUTS, VALVE BOXES, FRAMES, COVERS AND GRATES TO REMAIN SHALL BE PROTECTED AND ADJUSTED TO FINAL GRADES, IF APPLICABLE.
- CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AT ALL TIMES AND IS RESPONSIBLE FOR ALL DEWATERING, IF REQUIRED.
- 10. REMOVE EXISTING PAVEMENT MARKINGS WHICH INTERFERE OR CONFLICT WITH THE NEWLY APPLIED MARKING PATTERNS. CONDUCT GRINDING, SCRAPING, SANDBLASTING OR OTHER OPERATIONS IN SUCH A MANNER THAT THE FINISHED PAVEMENT SURFACE IS NOT DAMAGED OR LEFT IN A PATTERN THAT IS MISLEADING OR CONFUSING. USE DUST COLLECTION SYSTEM WHEN PAVEMENT PREPARATION INCLUDES GRINDING, SCRAPING OR SANDBLASTING OF EXISTING PAVEMENT MARKINGS.

#### **SITE NOTES:**

- 1. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULE, SLOPED PAVING, EXIT PORCHES, RAMPS, PRECISE BUILDING DIMENSIONS, AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS. ALL PAVING, CURBING, FLATWORK, SIDEWALKS, FENCING, BOLLARDS, ETC., WHICH CONFLICT WITH NEW CONSTRUCTION ARE TO BE DEMOLISHED AND DISPOSED OF IN ACCORDANCE WITH ANY LOCAL, STATE, OR FEDERAL REGULATIONS.
- 2. CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, BARRICADES, ENCLOSURES, ETC. CONTRACTOR SHALL MAINTAIN ALL EXISTING PARKING, SIDEWALKS, DRIVES, ETC. OUTSIDE OF WORK LIMITS CLEAR AND FREE FROM ANY CONSTRUCTION ACTIVITY AND/OR MATERIAL TO ENSURE EASY AND SAFE PEDESTRIAN AND VEHICULAR TRAFFIC TO AND FROM THE SITE. CONTRACTOR SHALL COORDINATE/PHASE ALL CONSTRUCTION ACTIVITY WITHIN PROXIMITY OF THE BUILDING AND UTILITY INTERRUPTIONS WITH THE OWNER AND STORE MANAGER PRIOR TO ANY CONSTRUCTION TO ESTABLISH CUSTOMER ACCESS AND TRAFFIC FLOW DURING ALL PHASES OF WORK TO MINIMIZE DISTURBANCE AND INCONVENIENCE TO THE STORE OPERATION, AS THE STORE MAY REMAIN IN OPERATION DURING CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH ALL APPLICABLE AGENCIES TO MAINTAIN EMERGENCY ACCESS TO THEIR SATISFACTION. ALL WORK THAT WILL IMPACT TRUCK DELIVERIES, ACCESS, AND/OR PARKING SHALL BE PHASED IN SUCH A WAY AS TO MAINTAIN OPERATION AND ACCESS TO THE STORE.
- 3. ANY EXISTING STRIPING WHICH IS TO REMAIN IN PLACE AND WHICH MAY BECOME OBSCURED OR DAMAGED DUE TO THE CONSTRUCTION OF IMPROVEMENTS SHALL BE REPLACED AND/OR REPAINTED AS NECESSARY.

#### **GRADING AND DRAINAGE NOTES:**

- 1. THE EARTHWORK FOR ALL BUILDING FOUNDATIONS AND SLABS SHALL BE IN ACCORDANCE WITH ARCHITECTURAL BUILDING PLANS AND SPECIFICATIONS.
- 2. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ENSURE A SMOOTH FIT, CONTINUOUS GRADE, AND POSITIVE DRAINAGE. THE CONTRACTOR SHALL ADJUST TOPS OF CLEANOUTS, MANHOLES, VALVES, HANDHOLES, ETC. TO REMAIN TO PROPOSED FINISHED GRADE, AS NECESSARY.
- 3. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.
- 4. THE CONTRACTOR IS RESPONSIBLE FOR ALL DEWATERING, PUMPING, AND TREATMENT OF WATER. THE CONTRACTOR IS CAUTIONED THAT GROUNDWATER AND PERCHED GROUNDWATER MAY BE ENCOUNTERED. NO WATER FROM ANY CONSTRUCTION WORK, PROCESSOR AREA SHALL BE RELEASED DOWNSTREAM OR INTO STORM SYSTEMS, UNTIL PROPERLY TREATED AND ALL SEDIMENT REMOVED.
- 5. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION AND ELEVATION OF ANY PROPOSED ROOF DRAINS AND DOWNSPOUTS AND RECONNECT TO EXISTING STORM SEWER AS NEEDED.
- 6. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES, AS SHOWN ON THESE PLANS, IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

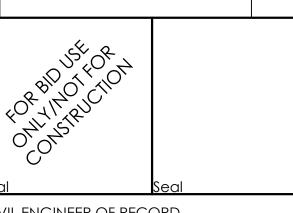
#### **UTILITY NOTES:**

- 1. CONTRACTOR TO VERIFY EXISTING UTILITIES PRIOR TO INSTALLATION OF PROPOSED IMPROVEMENTS. CONTRACTOR SHALL VERIFY THE LOCATION, DEPTH, SIZE, MATERIAL, AND INTEGRITY OF EXISTING UTILITIES. ANY CONFLICTS WITH PROPOSED WORK SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION IN SUFFICIENT TIME TO ALLOW FOR REDESIGN WITHOUT IMPACT TO PROJECT SCHEDULE.
- 2. CONTRACTOR SHALL COORDINATE ANY TEMPORARY DISCONNECTION OF SERVICE WITH THE OWNER, STORE MANAGER, AND UTILITY COMPANY.
- 3. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL TELEVISE ALL SEWER LINES (INSIDE BUILDING THROUGH CONNECTION AT PUBLIC UTILITY) AND PROVIDE ASSOCIATED FINDINGS TO BOTH OWNER AS WELL AS ENGINEER. ONCE ALL CONSTRUCTION HAS BEEN COMPLETED, THE CONTRACTOR SHALL CLEAN ALL SEWER LINES AND PROVIDE PROOF OF SUCH TO OWNER AND ENGINEER.

#### LANDSCAPE NOTES:

- REFER TO SPECIFICATIONS FOR SEED MIXES AND ADDITIONAL INFORMATION.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN QUANTITY TAKEOFF.
- 3. THE CONTRACTOR SHALL PERFORM A ROUGH FIELD STAKE OUT OF ALL PLANT MATERIAL AND SHRUB BEDS. LOCATIONS SHOWN ON THE PLAN CONVEY DESIGN INTENT ONLY. ACTUAL LOCATIONS WILL BE AS DIRECTED BY THE OWNER AT THE TIME OF INSTALLATION.
- 4. THE CONTRACTOR IS HEREBY NOTIFIED THAT UNDERGROUND UTILITIES EXIST. CONTRACTOR SHOULD OBTAIN CURRENT UTILITY RECORD MAPS AND NOTIFY ALL UTILITY COMPANIES PRIOR TO COMMENCING WORK.
- 5. STAKE PLANTS AS INDICATED OR AS APPROVED IN THE FIELD. IF OBSTRUCTIONS ARE ENCOUNTERED THAT ARE NOT SHOWN ON THE DRAWINGS, DO NOT PROCEED WITH PLANTING OPERATIONS UNTIL ALTERNATIVE PLANT LOCATIONS HAVE BEEN SELECTED. STAKES AND WRAPPING ARE TO BE REMOVED BY THE CONTRACTOR AT THE END OF THE GUARANTEE
- 6. SHRUBS SHALL NOT BE PLACED WITHIN TWO (2) FEET OF A CURB.
- 7. TREES SHALL BE A MINIMUM OF 5' FROM ROOT BALL TO UNDERGROUND UTILITIES AND 20' FROM OVERHEAD UTILITIES.

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	Revisions:		Date:
1	Addition of Note	S	2/14/22
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**Bucks County** 

Project Name & Location:

Notes Drawing Name:

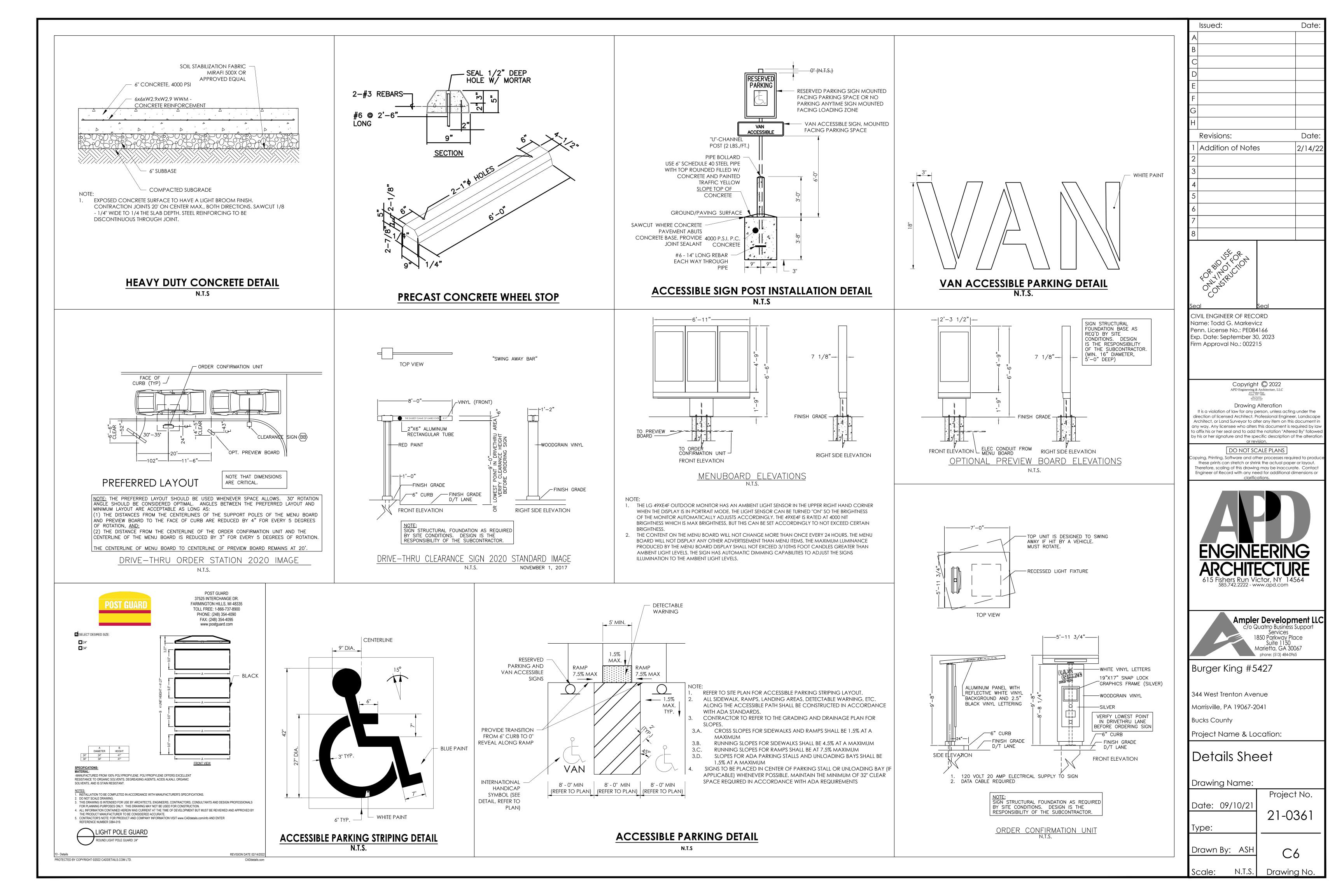
Project No. Date: 09/10/21 21-0361

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#### THE SPECIFICATIONS ARE NOT PROVIDED AS AN INDICATION OF WORK, BUT PROVIDE REQUIREMENTS AND STANDARDS OF WORK REQUIREMENTS AND STANDARDS OF WORK REQUIRED, DUE TO UNFORESEEN CONDITIONS. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH AUTHORITY HAVING JURISDICTIONS REQUIREMENTS. WHEN THESE SPECIFICATIONS ARE IN CONFLICT WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION THE MORE STRINGENT SHALL BE REQUIRED AS DETERMINED BY THE ENGINEER AND AUTHORITY HAVING JURISDICTION.

#### GENERAL CONSTRUCTION CONDITIONS

- 1. The term of Owner as used in these specifications and notes shall include the owner of the property, the company or party that hired the Contractor, the company or party that signed the contract for this work, and the agents of each. The Owner's representative shall be the individual or party assigned by the Owner to be the Owner's representative. Owners of adjacent properties shall include the property owner, lessee, legal occupier, and operator of any business on that property.
- All work and materials shall comply with all local, state, and federal regulations, codes, and O.S.H.A. standards and be constructed to meet or exceed those codes.
- The Contractor shall be responsible for all temporary permits, connection permits, fees, inspections and record keeping required by all municipal, utility, health, environmental, state, or federal agencies that may have jurisdiction. Furthermore, the Contractor shall be responsible to meet or exceed all requirements of the agencies or authorities having jurisdiction over his work. All conflicts in requirements of different agencies, authorities, and/or the design shall be brought to the attention of the owner's representative before proceeding.
- The Contractor shall be responsible to locate and maintain the property and project limits throughout the project. All conflicts between the design and the project/property limits shall be brought to the attention of the owner's representative before proceeding. Unless described in the contract documents or shown on the drawings the Owner has not secured any right of ways, easements or agreements with other property owners or property users. Therefore, it shall be the Contractor's responsibility to secure and maintain any temporary right of ways, easements. permits, or agreements he may need to perform his work. All such agreements shall hold the Owner, Engineer of Record, and his agents harmless and the responsibility of the Contractor to bear all costs. The Contractor shall copy the Owner on releases of all agreements prior to final payment by the Owner to the Contractor. The Contractor shall not interfere with operations of adjacent businesses and work shall be completed off-hours, as necessary. Coordinate with Municipality for any restrictions on allowable working hours.
- Unless otherwise noted on the drawings or in the contract documents the Contractor shall be responsible for all construction survey, layout, and record drawings for this contract. Any conflicts in survey/layout and the design or agencies requirements shall be brought to the attention of the owner's representative prior to proceeding with the work. The Contractor shall protect and safeguard all existing survey corners, monuments, control and tie-downs. The Contractor shall pay all costs to repair or replace damaged survey monuments, control and tie-downs. Record drawings shall be provided in accordance with any requirements of the authorities having jurisdiction including the required information to be provided, and signatures, seals, and certifications that may be required.
- No changes to the design or materials specified may be made without written authorization by the Engineer of Record or in the case of utilities or road work to be dedicated, the authority receiving dedication. At the end of the contract, the Contractor shall provide to the Owner a record set of drawings reflecting all changes made by the Contractor during construction.
- Erosion control is necessary whenever sediment, dust, erosion, or contaminated run-off may occur. The Contractor shall be responsible to place and maintain whatever erosion control or run-off protection is required to protect his work, the work of others, the project, adjacent properties and the health and well being of the workers, public and surrounding natural resources. This shall include additional measures beyond the project
- plans, as necessary. They shall be familiar with all federal, state and local requirements regarding erosion and run-off control. The Contractor shall be familiar with the project site and all adjacent pedestrian, traffic, and business uses. The Contractor shall take whatever precautions and steps necessary to maintain safety and operation of these uses in accordance with federal, state, county, and local requirements. The Contractor shall be responsible for costs and damages caused from his failure to take proper and adequate precautions. The Contractor shall
- The Contractor shall be responsible for costs and delays associated with weather, groundwater, and other occurrences that could be expected or are common with this type of work. The Contractor shall review all pertinent documents including soils reports, soils borings, and other soil or

be familiar with all federal, state, and local requirements regarding these uses.

- 10. The Contractor shall be responsible to save and protect his work throughout the contract. Any damages requiring repairs or replacement shall be corrected by the Contractor at his expense
- When work is done within a road, utility or private easement, right of way, or other property agreement, the Contractor shall do all work within that area per the authority having jurisdiction.
- When separate site and building contracts are performed, the site Contractor shall be responsible to bring utilities to within 5 feet of building face unless noted otherwise on drawings or contract documents.
- 13. All utilities are shown per surface surveys and/or record maps and may vary from actual in-field locations. The Contractor is responsible for all utility stake outs and locating utilities prior to commencing work. Any damage to utilities due to improper stake out, lack of stake out or the failure to verify differences between drawings and actual field conditions will be the responsibility of the Contractor to repair, replace, or pay damages at no expense to the contract.
- 14. Contractor shall comply to the fullest extent with the latest standards of OSHA directives or any other agency having jurisdiction for excavation and trenching procedures. The Contractor shall use support systems, sloping, benching, and other means of protection. This includes, but is not limited to, access and egress from all excavation and trenching. Contractor is responsible to comply with performance criteria for OSHA. Trench excavation requiring sheeting, shoring or other stabilizing devices shall be designed by a Professional Engineer and meet all O.S.H.A. requirements. All excavations shall maintain safe side slopes in accordance with local, state and O. S. H. A. requirements. No stocking of material close to an open cut or steep slope will be permitted in an effort to prevent cave-ins.
- 15. The contractor shall select the means and methods for providing support of excavations in accordance with safety requirements, plans, and project specifications. The contractor must evaluate soil conditions during excavations since variations in the soil can occur across the site. The excavations should be monitored continuously for signs of deterioration such as seepage of water or sloughing of soil into the excavation. The contractor is ultimately responsible for excavation safety.
- 16. The Contractor shall notify the Owner immediately and stop all work in areas where hazardous materials are discovered. When required, the Contractor shall notify the appropriate environmental and health agencies.
- 17. The Contractor shall coordinate with the Authority having jurisdiction for all required inspections and be responsible to hire any required third party inspectors.
- 18. For any testing, inspections, and/or certifications requiring a Professional Engineer, the Contractor shall be responsible to hire a third party engineer. A copy of all tests shall be provided to the Engineer of Record.
- 19. Any discrepancies between plans, details, and specifications shall be immediately brought to the attention of the Engineer of Record.
- Stabilizing fabric (woven geotextiles), if required, shall meet the following requirements "modulus (load at 10% elongation) =115lb per ASTM D1682-64", "Grab tensile strength 200lb per ASTM D 1682-64", "mullen burst strength = 400psi per ASTM D 3786-87", "trapezoid tear strength when applicable = 115lb per ASTM D1117-80", "coefficient of permeability K CM/SEC = .015 per ASTM D 4491-85", "water flow rate GPM/SF= 60 per ASTM D 4491-85". When stabilization fabric is used it shall be pulled tight and all wrinkles removed. Overlaps shall be in accordance with manufacturer's recommendations. Refer to Geotechnical Engineers report, if available, for additional information.
- 21. Filter fabric (non-woven geotextile), if required, shall meet the following requirements "grab tensile elongation =50% per ASTM D1682-64", "Grab tensile strength 70lb per ASTM D 1682-64", "mullen burst strength = 200psi per ASTM D 3786-87", "trapezoid tear strength when applicable = 35lb per ASTM D1117- 80", "coefficient of permeability K CM/SEC = .2 per ASTM D 4491-85", "water flow rate CPM/SF= 180 per ASTM D 4491-85". When filter fabric is used it shall be pulled tight and all wrinkles removed. Overlaps shall be in accordance with manufacturer's

#### **DEMOLITION**

- The Contractor shall inspect all structures, facilities and areas slated for demolition to gain a full understanding of the work required. The Contractor shall take whatever measures necessary to protect the safety of the public, his employees and agents during the inspections and subsequent work. The Owner, Client, and Engineer of Record are not responsible for the condition of the buildings, facilities, or other areas slated
- All materials not slated for reuse must be disposed of off site in a legal manner. The Contractor may salvage any equipment or materials not designated by the Owner to be saved. All salvaged material or items shall be removed from the site immediately upon removal. No such materials shall be stored on the site. Absolutely no sales of salvaged materials will be allowed on the project site. All salvaged material must be removed, transported, and disposed of in a legal manner.
- Upon approval by Owner, the Contractor shall be responsible to remove and store safely all materials slated to be saved or reused. The Contractor shall document existing conditions using photographs prior to start of work and notify Owner of any existing damage prior to construction start. The Contractor shall be responsible for all costs to repair or replace existing features to remain (including but not limited to fencing, lighting, curbing, pavement, utilities, storm structures, landscaping, etc.) that are damaged due to his work or failure to protect throughout the duration of his contract.
- 4. No burning, explosives, or other potentially dangerous methods of demotion will be allowed unless written permission is granted by the Owner and all appropriate permits are granted.
- The Contractor will provide whatever safety equipment and devices are necessary to protect the adjacent properties, structures and other areas slated to remain. This will also include erosion control, dust control, and settlement.
- All areas shall be brought back to their original grade or that of the surrounding area, which ever is closer to the final grades of the project for that area. All areas requiring fill shall be compacted to the requirements of the area but in no case less than 90% of modified proctor
- All demolition within the proposed building footprint shall be coordinated with the building drawings.
- 8. Light pole removal shall include complete removal, backfill of concrete base, and capping of any conduit/wiring in to be abandoned in place.

#### CLEAR AND GRUE

- 1. Clearing and grubbing shall not commence until erosion control plans, including applicable BMP's, are in place, in accordance with the project
- The Contractor shall review plans and identify and safely mark all plants and trees to be saved. The Contractor shall protect all plants and trees to be saved throughout the contract. This shall include prohibiting any work within the drip line of the tree, except under the supervision of a licensed Landscape Architect.
- All areas to be cleared and grubbed shall be surveyed in the field to establish the appropriate limits of work.
- 4. The Contractor shall take whatever measures necessary to locate and protect existing utilities, structures, wetlands, and other facilities to remain.
- 5. All trees, shrubs, stumps, roots, and other debris shall be removed from site and disposed of in a legal manner. 6. No burning will be allowed on site.

#### PAVEMENT AND STRUCTURAL SUBBASE

- 1. The type of subbase required for each use shall be called out on the drawings. If no reference is made on the drawings or details to the type of subbase required the following shall be used:
- The source of the material shall be one approved for use by the State Department of Transportation.
- The material shall be a crushed stone conforming to AASHTO M 147-65 (1980 or latest revision), grade A.
- Gravel or other materials can only be substituted for crushed stone when approved in writing by the Owner and Engineer of Record. Material supplied for use as subbase shall have 100% passing the 2 inch sieve, 30% to 65% passing the 3/8 inch sieve, 25% to 55% passing the No. 4 sieve, 15% to 40% passing the No. 40 sieve and 2% to 10% passing the No. 200 sieve.
- Subbase shall be placed in lifts not to exceed 8 inches and compacted to the requirements stated in the soils report. If not stated, the compaction requirement shall be 95% of maximum dry density per ASTM D1557 (modified proctor).
- The Contractor will be responsible for all costs in preparing the subgrade to receive subbase. This shall include fine grading and compacting as necessary to meet the requirements stated here and under Earthwork.
- The amount of testing required to verify the compaction shall be the same as stated under Earthwork. Refer to General Construction Conditions for filter fabric requirements, if applicable.

#### **EARTHWORK**

- Earthwork shall not commence until erosion control plans, including applicable BMP's, are in place, in accordance with the project plans.
- Refer to Project Geotechnical Report for full project recommendations. Where Geotechnical Report is not clear or does not give requirements, the following may be used.
- Prior to starting any cuts or fills the Contractor shall strip and stockpile all topsoil. Stripping of topsoil can only commence after the clear and grub operations are complete and all erosion control devices are in place in that area. Topsoil shall be stockpiled in areas designated on the plans or approved by the owner's representative. The Contractor shall review the soils reports, boring logs, and, when necessary, his own field verification so as
- to be familiar with the depth of topsoil. The Contractor shall take all reasonable precautions to prevent over and under removal. Unless otherwise noted, the grades shown on the plans are finished grades. Therefore, povernent, floors, subbase, and other improvements must be subtracted to calculate subgrade elevations.
- The Contractor shall maintain a survey grid of not less than 100' x 100' or other means acceptable to the Owner's representative that will indicate location and amount of cut or fills remaining. At subgrade this grid shall be 50' x 50' with location and final grade marked clearly or survey shall be completed demonstrating that the subgrade is  $\pm -0.1$  feet of required subgrade.
- Unless otherwise noted on the drawings or in the contract documents, the Contractor shall retain and pay all cost for soil compaction testing to be performed by an independent testing laboratory. For each lift placed, compaction testing shall be done every 2000 sq. ft. In trenches, compaction testing shall be done every other lift with at least 1 test every 50 LF.
- Structural fill placed 2 feet or deeper below the finished subgrade elevation or finished grade of graded areas shall have a maximum particle size of 6 inches. Structural fill placed within the upper 2 feet of proposed subgrade or finished grade of graded areas shall have a maximum particle size of 3
- Compaction requirements shall be those autlined in the soils report, if provided. If the soils report is not clear or does not give requirements, the
- Under and to 20 feet outside the building envelope the soils shall be compacted to a minimum of 95% maximum dry density per ASTM D 1557 (modified proctor). Under proposed or future pavement areas, including 10 feet outside such areas, the soil shall be compacted to a minimum of 93% maximum
- dry density per ASTM D 1557 (modified proctor). All landscape and lawn areas shall be compacted to 90% maximum dry density per ASTM D 1557 (modified proctor).
- The testing lab shall test soils in accordance with ASTM D 2922 (nuclear method) with proctors for each soil type.
- Constructed berms shall be compacted to 95% maximum dry density per ASTM D1557. All material to be used for fill shall be free of organics, frozen material, contaminated material, debris, and any rocks larger than 4 inches. For fill placement within 1 foot of subgrade, no rock shall be greater than 2 inches in diameter. The Contractor shall bear all cost associated with drying, segregating, or required methods to treat soils to meet compaction and other requirements.
- All fill placed within berms that detain/retain water shall be a minimum of 20 percent by weight of material passing the No. 200 sieve, and a maximum particle size of 6 inches. The limit of the berm areas shall include both the upstream and downstream slopes down to an elevation equal to the bottom of the planting soil media (excluding this planting soil media area)]. Any on-site out areas could be utilized as fill material for the berm, as long as all construction requirements and specifications were met (placement, compaction, gradation, permeability, etc.). Inclusion of vegetation, organic material, or frozen soil in the embankment, as well as placing of embankment material on a frozen surface is prohibited. Bedding material for all pipes and conduits within berm area shall be placed in layers not thicker than 4 inches before compaction with particle size limited to 3 inches in the greatest dimension, and compacted to required density of fill material for berm. Anti-seep collars are required for all pipes/utilities within the berm
- The Contractor shall take all necessary precautions to protect earthwork operations from weather and ground water including keeping positive drainage, divert drainage, dewatering, and sealing disturbed areas with a steel drum roller prior to inclement weather.
- 12. If imported material is required, the source and a random composite sample shall be reviewed by the testing laboratory prior to being brought to site. The testing laboratory shall test for percent passing the 200 sieve that does not exceed the existing on site material or in no case greater than 10% They shall also verify consistency with existing on site materials and all other requirements. Waivers to these requirements can only be given jointly by Engineer of Record and the Geotechnical Engineer that prepared the soils report.
- 13. The testing lab may restrict some on site materials from being used as fill in building or pavement areas when it is their opinion that the material will not meet requirements stated here. If such conditions do exist and other material is not available on site, the owner's representative must authorize in writing the use of import material unless there will be no additional cost to the contract.
- Fills shall be placed in lifts not to exceed 8 inches in mass fills and 6 inches in trench or restricted areas. All subgrades shall be thoroughly proofralled using a smooth drum roller with a minimum static drum weight of 20 tons, operated in static mode. A minimum of 2 overlapping passes in one direction, fallowed by 2 overlapping passes in a direction perpendicular to the first 2 passes. Areas which are unsuitable and which cannot be stabilized with repeated compactive effort shall be overexcavated to a suitable subgrade. The undercut should be of adequate depth such that, after backfilling is complete the resulting subgrade surface is firm and stable under proofrolling. Onsite structural fill may be used to attain proposed subgrade elevation to replace the removed unsuitable material. If imported structural fill, base, or subbase course materials are used to backfill the undercuts within the building or pavement areas, a woven geotextile should be placed at the bottom of the undercut area prior to placement of the fill.
- Contractor is to remove any debris or surficial organic soils (ie. topsoil, organic subsoil, reworked soil) which may be encountered within the proposed building footprint, floor slabs, and pavement areas prior to the placement of any fill.
- 16. All final subgrade under proposed povernent, building, or other structure shall be proof rolled as described above for the identifying of soft areas. Areas found to be unacceptable shall be scarified, dried, and re-compacted. Retest by proof roll as necessary.
- All fill material is to be in place and compacted prior to installation of proposed utilities. Refer to pipe bedding details for trench dimensions. Additional width will only be allowed when compaction equipment limitations require and only after approval of the Engineer of Record. No more trench shall be open in one day than can be properly backfilled in that same day to minimize weather and safety concerns. When backfilling ground pipes, provide uniform support at invert and proper compaction under, along, and over the pipe. Care shall be given while backfilling around pipes to prevent damage to the pipes including: placing backfill/bedding by hand, using hand operated plate tamps or jumping jacks, and other load restrictive techniques until fills are a minimum of 2 feet or manufactures recommend depth, which ever is greater, above the top of the pipe. Compaction requirements are not relieved in these areas and will remain as stated on the drawings or above. If clean stone is used as a bedding or encasement, filter fabric shall be placed between the natural soils and backfill and the stone to prevent migration of fines. Anti-seep collars shall be provided in accordance with the details. The Contractor is cautioned against the migration of fines from soils adjacent to voids. Where such conditions exist the Contractor shall install or wrap those areas with filter fabric to prevents fines from migrating into voids.
- If rock is encountered that was not indicated on the plans or soils report, the area for removal should be measured and reviewed with the owner's representative prior to rock removal. Rock will be defined as the natural earth materials that can not be removed with conventional earth working
- Where rock is adjacent to a structure or utility, the rock shall be removed to a minimum of 6 inches below and 1 times the diameter, but not less than 1 foot or greater than 3 feet on any side.
- 20. No explosives will be allowed until all permits are granted and the Owner has signed off. Pre and post blast reports must be kept and recorded. All structures within the area of the blast must receive a pre- blast survey. All blasting must be performed by a licensed blaster.
- 21. Unless otherwise noted on the drawings, the Contractor shall remove all excess topsoil, out material, or waste material from site and dispose of in a

#### TRAFFIC SIGNAGE AND PAVEMENT MARKINGS

- Pavement markings shall be the type, color, size, and locations shown on the plans. Contractor shall provide two (2) coats of paint for all pavement markings. If the information on the plans and details is not complete and the authority having jurisdiction does not have requirements regarding this, use the following:
- Paint shall be supplied in accordance with AASHTO: M 248 latest addition.
- 1.b. Colors shall be as follows:
- YELLOW- parking stalls, parking islands, and fire lanes 1.b.2.
- WHTE stop bars and lettering, pedestrian crossings, handicap parking symbol and characters, and traffic control lettering and
- BLUE background of handicap parking symbol
- The pavement shall be dean and free of dirt, dust, moisture, oils, and other foreign materials. Any old pavement markings shall be removed unless paints are compatible and overlay identically. The surface of the povernent prior to application shall be 45 degrees F and rising unless manufacturer's recommendations are greater. All painting shall be applied in appropriate weather conditions (e.g. temperature, wind, precipitation), and in accordance with manufacturer's recommendations.
- The signage and pavement markings shall be the type and at the general location shown on the drawings. The signage and pavement markings shall be provided and located in accordance with the Local Highway, County Highway, and State Department of Transportation. If local, county or
- Posts, brackets, and frames shall be steel per ASTM A-36, A-242, A-441, A-572, A588, Grade 50, and hot dip galvanized in accordance with ASTM A123. All cutting, drilling, or other pole modifications shall be painted with galvanizing paint. All bolts, nuts, and washers shall be stainless
- Post holes in pavement shall be a minimum of four feet deep and 12 inches in diameter unless poor soils or frost conditions require greater depth. Sign posts shall be kept plumb, 6 inches off bottom and centered as 4000 psi concrete is placed around the post. The overall sign and post system should be able to withstand 33 pounds per square foot.
- Contractor can place signs on posts after concrete has cured for seven days or 3/4 strength is achieved.
- 7. All handicap striping and signage, including spaces, crosswalk, accessible path, and curb ramps, shall meet Americans with Disabilities Act (ADA) requirements. Fire lane striping and signage shall meet the requirements of the local building inspector and fire department.

#### SITE CONCRETE - INCLUDING CURB, SIDEWALKS AND GUTTERS

smooth finish or light rub finish but consistent throughout the project.

- The dimensions shall be those shown on the drawings. The Concrete mix shall be 4000 psi at 28 days made with type I or type II cement per ASTM C 150 and aggregates meeting State Department of Transportation requirements, unless otherwise noted. Slump for slip forming shall be 1 inch +/-1/2 inch and for formed concrete the slump shall be 3 inch +/-1 inch. Air entraining mixture shall meet the requirements of ASTM C 260 4% + /-11/2% for slip form work and 6% + /-11/2% for formed and placed concrete. Water reducing agent shall conform to ASTM C 494, type A. Curing compounds shall conform with ASTM C309, type I, class A moisture loss of not more than .055 gr/sq cm when applied
- at 200 sq ft per gallon. Sidewalks, gutters and curbs shall be placed on compacted subbase consistent with the powernent subbase as shown on the drawings. When subbase details are missing and no agency has jurisdiction use the following: sidewalks and gutters shall be placed on a minimum of 6 inches of compacted subbase and curbs shall be placed on a minimum of 4 inches of compacted subbase.
- All forming, placement, materials and curing shall conform to the latest addition of ACI 318 "Building code requirements for reinforced concrete" and all similar State Department of Transportation requirements. Reinforcing shall be in accordance with that specified on the drawings and the Concrete Reinforcing Steel Institute (CRSI) "manual of standard
- practices". Reinforcing steel shall be ASTM A 615, grade 60, deformed. Welded wire fabric shall be ASTM A 185, welded wire steel fabric. Sidewalks, and gutters shall have a broom finish perpendicular to flow with a picture frame edge joint all the way around. Curbs shall have a
- 6. Expansion joints shall be placed as per details and at adjoining structures such as walls, manholes and vaults. Expansion joint material shall be premolded, 1/2 inch material with 23/64 inch cap in accordance with ASTM D1751. After concrete has set the cap should be removed and void filled with waterproof joint filler. Ourb and autter shall be cut or tool jointed to 1/3 the depth every 10 feet. Sidewalks should have tooled or cut joints to 1/3 the depth in squares or as close to square as possible not exceeding 5ft x5ft.

#### WATER SYSTEMS AND SERVICES

- The water systems and services shall be supplied and placed in accordance with all local, state and federal requirements. When the requirements of the authority
- having jurisdiction differ from those shown on this plan, Contractor shall adhere to the more stringent standards. Refer to Pipe Bedding Detail for pipe bedding requirements.
- All water piping, fittings and appurtenances shall be placed a minimum of 5 feet of cover in lawn and 6 feet of cover in paved areas. Pipe sizes 4 inches and up shall be ductile iron or polyvinyl chloride as indicated on the drawings (if not shown use ductile iron). Pipe sizes below 4 inches shall be copper or polyethylene as indicated on the drawinas (if not shown use copper)
- The minimum separation between water services and sewer lines shall be 18 inches measured vertically from outside to outside of pipe at the crossing. A standard length of water pipe shall be centered at the crossing to maximize the distance between the crossing and the nearest water service pipe joint. The sanitary line shall be ductile iron pipe with mechanical joints at least 10 feet on both sides of crossing, the waterline shall have mechanical joints with appropriate thrust blocking as required to provide a minimum of 18" clearance meeting requirements of ANSI A21.10 or ANSI 21.11 (AWWA C-151) (Class 50). Contractor shall adjust elevation of water as needed to maintain adequate separation and burial depth. When the water service runs under the sewer line, a gravel or crushed stone backfill meeting the requirements of subbase shall be placed and compacted around the water pipe up half the diameter of the sewer pipe to provide adequate support to the sewer line. Ductile iron pipe shall be provided in accordance with AWWA C151, (6 inch diameter and greater shall be Class 50 and 6 inches and smaller shall be Class 51). Ductile iron pipe shall be lined with a cement mortar and seal coated in accordance with AWWA C104. Caskets shall be provided in accordance with AWWA C111. Fittings shall be ductile iron in accordance with AWWA C153 compact fittings with a pressure rating of 350 psi. Water services and sewer lines running parallel shall have a minimum separation of 10 feet measured from outside of pipe to outside of pipe. At crossings, one full length of water pipe shall be located so both joints will be as far from the sewer as possible. Special structural support for the water and sewer pipes may be required.
- All pipes shall be installed per manufacturer's recommendations. Ten gauge copper tracer wire shall be placed with all plastic pipe. Pipe material shall be as follows: PVC (Polyvinyl Chloride) pipe shall be furnished in accordance with AWWA C900 for pipe 4 inches or greater and ASTM D 1785, schedule 40, gaskets per
- ASTM F 477- elastomeric seal, solvent cement per ASTM D 2564 for pipes smaller than 4 inches. PE (Polyethylene) pipe shall be furnished in accordance with AWWA C901 and ASTM D2737. Ten gauge copper tracer wire will be placed with all plastic
- DIP (Ductile iran pipe) shall be provided and installed in accordance with AWWA C151 and C600 (6 inches and greater shall be Class 50, smaller than 6 inches shall be Class 51). Ductile iron pipe shall be lined with a cement mortar and seal coated in accordance with AWWA C104. Gaskets shall be provided in accordance with AWWA C111. Fittings shall be ductile iron in accordance with AWWA C153 compact fittings with a pressure rating of 350 psi. Standard ductile iron or cast iron fittings shall be supplied in accordance with AWWA C110 with a pressure rating of 250 psi. The lining and gaskets for the fitting shall meet the same requirements as the pipe. If recommended in the soils report, ductile iron pipes shall be encased in polyethylene in accordance with
- AWWA C105 and tar coat all fitting bolts whenever soils are primarily day or not pH balanced. Copper water pipe shall be supplied in accordance with ASTM B 88- type K, seamless with fittings per AWWA C800.
- Gate Valves shall be nonrising stem, double disc, bronze disc Resilient seated, cast iron or ductile iron body and bonnet in accordance with AWWA C509 and pressure rated for 250 psi. Ten gauge copper tracer wire will be placed with all pipes.
- Valve box shall be cast iron with a base compatible with valve, 5 inches in diameter, screw type extension at top and a cover that reads "WATER".
- All tap and/or connection material and work shall be done in accordance with and coordinated with the local Water Authority and Health Department. When the Authority so requires, the taps and/or connections shall be done by the Authority themselves and paid for by the Contractor. Thrust restraints shall be used at all fittings, plugs and appurtenances that cause a change in direction, flow or are subject to thrust or hammering by water flow.

Thrust restraints will include concrete thrust blocks (3000 psi), anchoring joints and tie rods. Concrete thrust blocks shall be used unless space, access or

- Curb stops shall have a bronze body, ground key plug or ball with wide tee head. The curb stop shall be compatible with adjoining pipes. The service box shall have a telescoping top section with a length that will place the adjustment centered when buried to the appropriate depth. The service box shall be of a size and type that is compatible with the curb stop. The cover shall have the lettering "WATER".
- All meters, vaults and backflow shall meet the requirements of the health department and other agencies having jurisdiction.
- Fire hydrants shall conform to the requirements of the local water authority, fire department and AWWA C502. Drain stone shall have 100% passing the 1 1/2 inch sieve, 90 - 100% passing the 1 inch sieve, 35 - 95% passing the 1/2 inch sieve and 0 - 15% passing the 3/8 inch sieve. All hydrants will include a gate valve
- and box located at the hydrant branch to shut off the hydrant line. All bedding and encasements shall be compacted with care to achieve proper compaction without damaging the pipe, fittings, or appurtenances.
- If clean stone is required by the local authority having jusidiction and is approved by Owner and/or Engineer of Record, then the bedding material shall be wrapped in filter fabric and anti-seep collars shall be provided to prevent the migration of fines.
- All water mains fittings and valves shall be tested for pressure and leakage in accordance with AWWA C600. Test water shall be potable. Test pressures shall not be less than 1.25 times the working pressure at the highest point and 1.5 times the working pressure at the testing point. The pressure may not drop more than 5 psi during the 2 hour test. Leakage will not exceed more than (L=SD(P)1/2 /133,200) where "L = allowable leakage, in gallons per hour" "S= length of pipe tested, in feet" "D= nominal diameter of pipe, in inches" "P= average test pressure during test, in pounds per square inch (gauge) during the same 2 hour
- Other fitting and appurtenances not part of the main line testing shall be tested by visual inspection for leakage under normal working pressures.

All main lines and appropriate appurtenances shall be flushed and disinfected in accordance with AWWA C651 and the requirements of the appropriate health

- The Contractor will coordinate all testing and disinfecting with the water authority and health department.
- Any testing failure shall require the Contractor to repair or replace the failed section at no additional expense to the contract.

#### STORM WATER SYSTEM

- The storm water system shall be supplied and placed in accordance with all local, state and federal requirements.
- Storm design includes many variables, such as pipe roughness coefficient, that can affect the actual final run-off. If no alternative materials are listed on
- the utility drawings, no substitutions may be made by the Contractor unless first reviewed and accepted by the Engineer of Record. Refer to Pipe Bedding Detail for pipe bedding and anti-seep collar requirements.
- Storm pipe material shall be as follows:
- 12 inches and up shall be corrugated polyethylene pipe (CPP) with smooth interior, in accordance with AASHTO M252 & M294 and ASTM F405 & F667, with a manning friction number (n) of 0.013 or less. Install in accordance with ASTM F449 and the manufacturer's recommendations.

Smaller than 12 inches shall be CPP, as per requirements above, or Polyvinyl Chloride (PVC) per ASTM D 3034, SDR 35 with gaskets per ASTM D

- 3212. elastomeric seal.
- End sections shall be the same material as the preceding pipe and appropriate collar. Increase size of manhole if in the same horizontal plane there is two areas where the area between two pipes is less than 8 inches or ½ of the circumference is supported by less than ½ of the diameter of the manhole. Inverts shall be smooth cast in place concrete. Caskets between risers shall be
- rubber per ASTM C 443. Adjustment rings shall be precast concrete 4000 psi and 5 to 8% air entrainment.
- Inlets shall meet the same requirements as those listed for manholes, except sumps shall be provided as per details, rather than a smooth invert. Grates shall be galvanized per ASTM A123. Minimum grate opening size will be 24 inches x 24 inches and design for a minimum of H-20 loading. Refer to
- details for additional information. Dry wells shall meet the same requirements as those listed for manholes with the addition of openings of approximately 15% of the rings interior surface. The openings shall be 1 x 3 inch slots or 1 inch diameter on the inside surface. Dry wells shall be backfilled with a minimum of 1 foot of dean stone sized between 3 and 4 inches. Outside the stone, the entire structure shall be wrapped in filter fabric to prevent outside soils from entering the stone and dry

All storm pipe entering structures shall be grouted to ensure connection at structure is watertight and structurally sound. All storm sewer pipes entering and

- 10. Unless otherwise noted, underdrains and trench drains shall be made with 4 inch perforated corrugated polyethylene pipe encased in clean stone sized between 2 inch and ¼ inch and then wrapped in filter fabric. Outside dimensions of the trench drain will not be less than 1 foot.
- exiting structures shall be flush with the inside of the structure wall. 12. All pipe shall be placed in accordance with the manufacturer's recommendation and to the lines and grades shown on the drawings. Care shall be given during backfill operations not to move or damage pipe or appurtenances while achieving the appropriate compaction requirements.
- All systems shall be visually inspected for alignment and workmanship. All debris, dirt or other foreign objects shall be removed from system by a method of than flushing and material removed shall be disposed of properly. 14. Any pipes found with diameter deflections greater than 5% of the specified pipe diameter will be repaired or replaced. Any dignment differentials greater than
- 5% of the diameter of the pipe will be corrected or replaced. 15. Any cleaning, repairs, or replacement required due to failure of testing or poor workmanship shall be done by the Contractor at no additional expense to the

- ASPHALT PAVEMENT Asphalt shall be the type or types specified on the drawings. If no type is indicated the Contractor shall use a mix specified by the State Department of Transportation for top and binder. All asphalt shall be produced in state approved plants with state approved products.
- Asphalt will only be placed when the outside temperature is 45 degrees F and rising. Asphalt will never be placed on frozen material, during medium or heavy precipitation or when preceding precipitation has saturated the subbase and/or subgrade.
- Surfaces that will abut the new asphalt shall be tack coated prior placement of asphalt including curbs, gutter, existing asphalt and structures. Tack coat shall be applied neatly to match the lines and grades of the proposed abutting asphalt at a rate of .05 to .15 gallons per square yard. When binder is used as a working surface during construction, or there is a prolonged time period between binder and top placement, the surface must be

power washed, not just swept, and a tack coat should be applied prior to installation of top course. In addition, any yielding area of powerment binder should

- be removed and replaced prior to application of the top course. Asphalt shall be placed in layers equal to those specified on the plans. Thickness of each layer or the thickness of all layers combined shall not vary more than 1/4 inch for thickness of 0 to 4 inches and 1/2 inch for thickness of 4 inches or greater, from those specified on the drawings. The asphalt shall also be tested for smoothness by laying a 16 foot straight edge on the pavement and verifying that there are no gaps greater than 1/4" in any direction.
- Placement and compaction requirements shall be the same as those specified by the State Department of Transportation of which the project is located. The rolling shall be done in such a manner that will match joints and leave a smooth uniform surface while providing the proper compaction which will be 95% of laboratory density. When matching into existing pavement, all match joints shall be saw out to provide a straight smooth joint. The asphalt depth at the match point shall be
- eaual to that of the proposed or existing which ever is greater. Paving equipment shall be of good condition and quality. Asphalt shall be placed by mechanical equipment except in small areas that are inaccessible to a power. The binder joints and the top joints shall be offset. The top course shall be placed parallel to the direction of travel. Asphalt shall be transported in covered trucks and scheduled in such a manner that will maintain asphalt temperature. Asphalt shall be rejected when temperatures fall below 250 degrees F or the minimum temperatures specified by the State Department of Transportation.
- All sub-base, asphalt, curb or other work performed in a State, County or Municipal right-of-way shall be furnished, installed, inspected and completed in accordance with their specifications, details and other requirements.

#### SEEDING AND LANDSCAPING

- Topsoil shall be removed from stockpiles and spread in the areas shown on the plans. The depth of topsoil shall be a minimum of 4 inches in lawn areas and a minimum of 12 inches in landscape planting areas. If enough topsoil is not available onsite, the Contractor is required to import as necessary. All disturbed lawn areas are to receive topsoil, seed, mulching, and water until a healthy stand of grass is established.
- Topsoil shall consist of fertile, natural agricultural soil substantially free of subsoil, stumps, roots, brush, stone, day lumps, or similar objects larger than 2 inches in the greatest diameter. Topsoil for reuse shall be screened if required to meet size and debris removal. Topsoil shall be approved by the owner at its source prior to transporting. The topsoil shall be fine graded to the lines and grades shown on the plans. The Contractor is responsible for keeping topsoil, seed, fertilizer, etc. off structures, pavements, and other site amenities; and will dean up unwanted deposits, at his expense.
- Mow all areas to be cleared & seeded to 6" height maximum prior to beginning any new lawn work.

passes a ten mesh sieve, and at least 50% passes a 100 mesh sieve.

properly mixed per cubic yard. Berm around plants to form a bowl shape.

- Loosen and till subgrade of lawn areas to a minimum depth of four inches, remove stones measuring 1.5 inches in any dimension, remove sticks, sod, rubbish, and other extraneous matter. Limit preparation to areas which will be planted promptly after preparation.
- Preparation of unchanged grades: where lawns are to be planted in areas that have not been altered of disturbed by excavating, grading, or stripping operations, prepare soil for lawn planting as follows: till to a depth of six inches. apply soil amendments and initial fertilizers as specified, till soil to a homogenous mixture and fine texture and complete fine grading,
- Clean all new lawn areas to be seeded of all debris, branches, stumps, brush, logs, metal, sticks, stones, etc. larger than two inches in
- Roll, rake, and/or arag lawn areas to remove ridges and fill depressions to meet finish grades and to create a smooth, mowable lawn surface. Lime: natural dolomitic limestone containing at least 85% of total carbonates, and 30% magnesium carbonates; ground so that at least 90%
- The topsoil shall have a pH of 6.0 to 6.8 and an organic content of 3 to 20%. The gradation of the topsoil shall be 100% passing 2 inch sieve, 85 to 100% passing the 1 inch sieve, 65 to 100% passing the 1/4 inch sieve and 20 to 80% passing the No. 200 sieve.
- Lawn fertilizer shall be 55% nitrogen, 10% phosphorus and 10% potash where 50% of the nitrogen is derived from ureaform source. Work into soil at a rate of 1000 lbs per agre before seeding.
- Lawn seed shall be "50% by weight, 85% purity, 85% germination of Pennfine Perennial Rye", "30% by weight, 97% purity, 85% germination of Pennlawn Red Fescue", "20% by weight, 85% purity, 80% germination of Common Kentucky Bluegrass" at a rate of 200 lbs per acre. Mulch all seeded areas with approved straw at rate of 4000 lbs per acre. Maintain mulch as necessary and clean up upon satisfactory germination.
- Creeping Red Fescue, 35% Chemung Crownvetch, 25% Kentucky 31 Tall Fescue, and 25% Empire Birdsfoot Trefoil. Hydroseeding shall be applied in accordance with the following; fertilizer shall be placed at 80 pounds per acre, hydromulch at 1,200 pounds per acre, water at 500 gallons per acre, and seed at a minimum of 220 pounds per acre. Inoculate at 4x manufacturer's rate. A non-harmful color additive which colors the hydroseed mixture green shall be added to the mixture to allow visual metering of its application. The hydroseed mixture shall be sprayed upgrade and uniformly on the surface of the soil to form an absorbent cover, allowing percolation of water to the
- The Contractor will be responsible to water, reseed, or any other means necessary to ensure the growth of the lawn until a complete and uniform stand of grass has grown and been cut at least three times. Water by approved means immediately after mulching and thereafter a minimum of two times each week, or more when weather conditions require to a depth of one inch soil saturation. Mow all seeded areas to two inch height until final acceptance. In the event grass becomes too long, resulting in excessive dippings that could damage the lawn, the contractor shall remove all dippings at his expense. Lawn shall be presented to Owner in a condition that it may be maintained with standard mowing equipment
- Where substantial lawn remains (but is thin), mow, rake, aerate (if compacted), fill low spots, remove bumps, and scarify soil, fertilize, and seed. Remove weeds before seeding, if extensive. Apply selective chemical weed killers as required. Apply mulch if required to maintain moist condition. Plantings shall be supplied in accordance with the plans and ANSI 260.1 "American Standard for Nursery Stock" in good health, vigorous, and
- free of insects, larvae, eggs, defects and disease. Plants shall be located per the plans. The holes shall be excavated per the details on the drawings with the center slightly higher to promote drainage. Use a topsoil backfill mix of 4 parts topsoil, 1 part peat moss, 1/2 part well rotted manure, 10 pounds 5–10–5 planting fertilizer
- Two layers of weed barrier made from fiberglass and ultraviolet light resistant shall be placed under all planting beds prior to mulching.
- Mulch shall be 50% shredded bark and 50% wood chips, 3/4 to 2 inch in size, uniformly mixed and free of elm wood. Mulch shall be placed uniformly over the planting bed allowing no weed barrier to be seen to a minimum depth of 3". Color to be chosen by Owner. All landscaping shall be guaranteed for two years after final acceptance. Any plantings needing replacement will be guaranteed from the time of

All trees and shrubs shall be staked as detailed on the drawings. Tree wrapping will be provided at the base of all trees as detailed.

and remove dead material. Tighten and repair guide wires and deficiencies within the first 24 hours of initial planting, and not less than twice per week until find acceptance. Contractor shall request an inspection by the Owner upon establishment of the uniformly germinated lawn. any way. Any licensee who alters this document is required by lay Following the final acceptance, the Owner shall be responsible for maintenance of all landscaping on the premises. to affix his or her seal and to add the notation "Altered By" followe Antidesiccant: protective film emulsion, providing a protective film over plant surfaces, but permeable to permit transpiration. Mixed and applied in

replacement if after final acceptance. Contractor shall maintain plants until completion and final acceptance of the entire project. Maintenance

shall include pruning, cultivating, edging, remulching, fertilizing, weeding, watering as required for healthy growth, and application of appropriate

germination by replacing topsoil, restaking, and reseeding, as required. Reset settled plants to proper grade and position. Restore planting saucer

insecticides and fungicides necessary to maintain plants free of insect and disease. Repair all washouts, gullies, and areas of unsatisfactory

#### accordance with manufacturer's instructions. Apply to all broadleaf evergreen shrubs per manufacturer's recommendations.

- SANITARY SEWER SYSTEMS The sanitary sewer system shall be supplied and placed in accordance with all local, state and federal requirements.
- 2. Refer to pipe bedding detail for bedding and anti-seep collar requirements.
- Unless otherwise noted, sanitary pipe and fittings shall be Polyvinyl Chloride (PVC) per ASTM D 3034, SDR 35, with gaskets per ASTM D 3212, Forcemain pipe shall be Polyvinyl Chloride (PVC) per ASTM D 2241, SDR 21 (or lower if pressures are high in system) with gaskets per ASTM D 31.39, and elastomeric seal. The pipe shall be encased in a run of crush stone or gravel material with 100% passing the 1.0" sieve and 10% to 3%
- water, silts, or sands are encountered. All pipe shall be placed in accordance with the manufacturer's recommendation and to the lines and grades shown on the drawings. Care shall be
- given during backfill operations not to move or damage pipe or appurtenances while achieving the appropriate compaction requirements. All systems shall be visually inspected for alignment and workmanship. All debris, dirt or other foreign objects shall be removed from the system. 7. All taps to main lines shall be made with saddles when the tap is 1/2 the diameter or less of the existing pipe, but made with a sleeve when the tap is greater than 1/2 the diameter or equal to the existing pipe. If connections are required to equal size pipes of 8 inches or greater,
- be cored and a press wedge installed. The connection shall be mortared up with waterproof/plug mortar. Inside the existing manhole, the existing invert shall be brake out in a manner that protects from debris entering the live system, while a new invert is formed.
- Sanitary manholes shall be visually lamped after backfill to verify diagnment, cleanliness and there is no damage to the system. After the system has been backfilled for 30 days, the system shall be relamped and tested with a mandrel sized at 95% of the intended inside diameter.
- 9. Gravity systems shall be air tested between manholes to 3.5 psi for 5 minutes per ASTM F 1417 for plastic pipes. 10. Manholes shall be tested separately for leakage or infiltration using ASTM C 969. The allowed leakage = 0.1 gallons/(feet of diameter)(feet of head)(# of hours) and the test shall run for 24 hours.
- 11. The sanitary sewer system shall be tested for infiltration and exfiltration using ASTM C 969. The system shall be broken up into sections when necessary to consider groundwater depth, length and elevation differences. The allowable leakage shall be 100 gal/inch of pipe diameter/mile/day.

12. Any testing failure shall require the Contractor to repair or replace the failed section at no additional expense to the contract.

Grease traps, if required, shall have cast iron lids and shall be installed per manufacturer's requirements

structures shall receive bitumastic coating.

- After all testing is complete, and before the system is turned over to the authority having jurisdiction, the system shall be checked to verify it is dean and free of dirt, debris and other foreign matter. The Contractor shall dean any sections required at no additional expense to the contract.
- 15. The pipe slope shall always meet the minimum, as listed in Section 33.4 of the Recommended Standards for Wastewater Facilities (Ten State

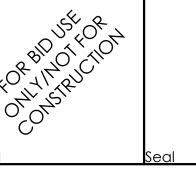
Increase size of manhole if in the same horizontal plane there is two areas where the area between two pipes is less than 8 inches or ½ of the

shall be rubber per ASTM C 443. Adjustment rings shall be precast concrete 4000 psi and 5 to 8% air entrainment. Inside and outside of

circumference is supported by less than ½ of the diameter of the manhole. Inverts shall be smooth cast in place concrete. Caskets between risers

Revisions: Date: Addition of Notes 2/14/22 12. Steep slope mix (Type B unmowed - 11/.3H or steeper) apply at a rate of 100 lbs. per acre using the following proportions by weight: 15%

Issued:



CIVIL ENGINEER OF RECORD

Penn. License No.: PE084166

Name: Todd G. Markevicz

Exp. Date: September 30, 2023 Firm Approval No.: 002215

Drawing Alteration It is a violation of law for any person, unless acting under the direction of licensed Architect, Professional Engineer, Landscap Architect, or Land Surveyor to alter any item on this document ir

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by his or her signature and the specific description of the alterati DO NOT SCALE PLANS |

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these prints can stretch or shrink the actual paper or layout.

herefore, scalina of this drawina may be inaccurate. Cont

Engineer of Record with any need for additional dimensions or passing the 200 sieve. The mix shall be supplemented as needed to remove voids. Incorporate filter fabric around bedding or cradle stone if ground manhole should be installed over the connection point and inverts formed. When connecting to an existing manhole, the connecting pipe hole shall



c/o Quatrro Business Support

Services

1850 Parkway Place

Marietta, GA 30067

phone: (513) 484-0965 Burger King #5427

344 West Trenton Avenue Morrisville, PA 19067-2041 **Bucks County** 

Specifications

Project Name & Location:

Project No. 21-0361

Date: 09/10/21 Type:

Drawing Name:

Drawn By: ASI Drawing No.

LOCATION	DEAD LOAD	LIVE LOAD
FLOOR		100 PSF UNIFORM
ROOF	16 PSF	20 PSF (REDUCIBLE)

SNOW DESIGN Pg = 30 PSF, Ce = 1.0, Ct = 1.0, Is = 1.00, Pf = 30 PSF, Cs = 1.0, Ps = 30 PSF DRIFT LOADS PER ASCE 7

WIND DESIGN

FROST DEPTH = 3'-0"

V = 115 MPH, EXPOSURE B, GCpi = 0.18 ASD NET UPLIFT ON ROOF JOISTS = 7 PSF

COMPONENT AND CLADDING (C&C) PRESSURES ARE TABULATED BELOW. ALL PRESSURES ARE PSF. "(+)" INDICATES POSITIVE (INWARD) PRESSURE. "(-)" INDICATES NEGATIVE (OUTWARD) PRESSURE. Aeff = MIN EFFECTIVE WIND AREA (SQ FT). OH = OVERHANG EDGE/CORNER WIDTH, a = 4 FT.

		\ - /			- ( /		
Aeff	4,5(+)	4(-)	5(-)	W	IND ZONES		
≥ 0	21.8	-23.6	-29.0	1	ROOF INTERIO	7	
≥ 50	19.5	-21.3	-24.6	2	ROOF EDGE		
≥ 100	18.6	-20.4	-22.6	3	<b>ROOF CORNE</b>	R	
≥ 200	17.6	-19.4	-20.7	4	WALL INTERIOR	?	
≥ 500	16.3	-18.1	-18.1	5	WALL CORNER	?	
ROOF C&C PF	RESSURES. LRF	D (ULT) LEV	EL. MULTIPLY	BY 0.6 FOR	ASD (SERVICE)	LEVEL	
Aeff	1,2,3(+)	1 (-)	2(-)	3(-)	OH 1,2(-)	OH 3(-)	
≥ 0	16.0	-23.8	-39.9	-60.1	-37.9	-60.1	
≥ 25	16.0	-23.0	-34.3	-46.4	-37.1	-44.0	
≥ 50	16.0	-22.4	-30.1	-36.1	-36.5	-31.9	

-25.8

-25.8

WALL C&C PRESSURES. LRFD (ULT) LEVEL. MULTIPLY BY 0.6 FOR ASD (SERVICE) LEVEL

SEISMIC DESIGN

≥ 100

≥ 500

ANALYSIS PER THE EQUIVALENT LATERAL FORCE PROCEDURE SITE CLASS D, Ie = 1.00, Ss = 0.220, S1 = 0.063, Sds = 0.235, Sd1 = 0.101, SEISMIC DESIGN CATEGORY B BEARING WALL, LIGHT-FRAMED WALLS SHEATHED WITH WOOD STRUCTURAL PANELS RATED FOR SHEAR OR

-25.8

-25.8

-35.9

-25.8

-19.8

COMPRESSION

**CONTROL JOINT** 

CONCRETE MASONRY UNIT

COLD-FORMED STEEL (LIGHT GAUGE)

CAPACITY

CATALOG

CHAMFER

CEILING

CLEAR

CLEANOUT

CONCRETE

CONNECTION

CONTINUOUS

COORDINATE

DOUBLE

DETAIL

DOWN

DIAMETER

DIMENSION

DIRECTION

DRAWING

COUNTERSUNK

CEILING EXTENSION

DEMOLISH/DEMOLITION

DITTO (SAME AS ADJACENT)

CONSTRUCTION

COLUMN

CAP

CAT

CFS

CJ

CLG

CMU

COL

CONC

CONN

CONST

COORD

CONT

CS

CTR

CX

DBL

DET

DIA

DIM

DIR

DN

DO

DWG

DEMO

CO

CLR

CHMFR

STEEL SHEETS R = 6.50,  $\Omega o = 3.00$ , Cd = 4.00, V = 0.036 W

16.0

GEOTECHNICAL

ASSUMED ALLOWABLE BEARING PRESSURE FOR FOUNDATION DESIGN = 1500 PSF

-21.8

-21.8

SOURCE OF EXISTING BUILDING INFORMATION DRAWINGS BY ROBERT R. ROSEN, P.E. DATED 09/15/1984. SITE VISIT ON 10/14/2021 BY APD.

AMERICAN CONCRETE INSTITUTE

ABOVE FINISHED FLOOR

ARMOR EDGE SYSTEM (BY PNA CONSTRUCTION TECH)

AMERICAN INSTITUTE OF STEEL CONSTRUCTION

AMERICAN NATIONAL STANDARDS INSTITUTE

AMERICAN SOCIETY OF CIVIL ENGINEERS

AMERICAN IRON AND STEEL INSTITUTE

APPROXIMATE/APPROXIMATELY

ARCHITECT/ARCHITECTURAL

AMERICAN WELDING SOCIETY

**BOTTOM CHORD EXTENSION** 

ASTM INTERNATIONAL

ADDITIONAL

ANCHOR ROD

**BOTTOM FLANGE** 

BOARD

BUILDING

**BLOCKING** 

**BOTTOM OF** 

**BOTTOM OF STEE** 

BLOCK

BFAM

BOTTOM

**BASE PLATE** 

**BOTH SIDES** 

**BEARING** 

**BETWEEN** 

ADDITION

#### **GENERAL**

- DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT INDICATED.
- 2. UNLESS NOTED OTHERWISE, ELEVATIONS ARE REFERENCED FROM +0'-0" DATUM AT THE EXISTING FINISHED FLOOR
- SECTIONS AND DETAILS ON DRAWINGS ARE TYPICAL FOR ALL SIMILAR CONDITIONS.
- STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, MECHANICAL. ELECTRICAL, SHOP DRAWINGS AND SPECIFICATIONS.
- 5. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS BEFORE STARTING WORK.
- 6. VERIFY ALL MECHANICAL EQUIPMENT WEIGHTS, LOCATIONS AND ASSOCIATED OPENINGS WITH MECHANICAL CONTRACTOR. NOTIFY ENGINEER IF ACTUAL WEIGHT EXCEEDS THE DESIGN WEIGHT SHOWN ON THE DRAWINGS.
- 7. DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION BEFORE PROCEEDING WITH THE AFFECTED WORK.
- GENERAL CONTRACTOR SHALL REVIEW ALL SHOP DRAWINGS PRIOR TO SUBMITTAL. FABRICATOR SHALL HIGHLIGHT PROPOSED CHANGES ON THE SHOP DRAWINGS WHICH DO NOT COMPLY WITH THE DESIGN DRAWINGS.
- 10. A RECORD SET OF SHOP DRAWINGS SHALL BE KEPT IN THE FIELD BY THE GENERAL CONTRACTOR. 11. CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY BRACING, SHORING, GUYING, ETC REQUIRED TO MAINTAIN STABILITY OF THE STRUCTURE. THESE PROVISIONS SHALL REMAIN IN PLACE UNTIL SUFFICIENT PERMANENT MEMBERS ARE CONSTRUCTED TO INSURE THE SAFETY OF THE STRUCTURE.

#### FOUNDATIONS AND SOILS

- 1. SITE WORK SHALL BE PERFORMED UNDER THE DIRECTION OF A QUALIFIED GEOTECHNICAL ENGINEER OR SOILS TECHNICIAN.
- 2. PREPARATION OF THE SITE, INCLUDING INITIAL UNDERCUTTING, PROOF ROLLING, FILL AND BACKFILL MATERIAL AND PLACEMENT, SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. COMPACTION OF STRUCTURAL FILL MATERIALS SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT, BUT NOT LESS THAN 95 PERCENT MODIFIED PROCTOR METHOD.
- 3. FOUNDATIONS SHALL BE LOCATED AT ELEVATIONS SHOWN ON PLANS AND DETAILS. FOUNDATIONS AND SLABS-ON-GRADE SHALL BEAR ON SUB-BASE MATERIAL APPROVED BY THE GEOTECHNICAL CONSULTANT.
- 4. FOOTINGS, OR PORTIONS THEREOF, MAY BE EARTH FORMED BY NEAT EXCAVATIONS IF SOIL CONDITIONS
- FOOTINGS SHALL BE CENTERED UNDER COLUMNS UNLESS NOTED OTHERWISE.
- FOOTINGS ARE DESIGNED FOR THE ALLOWABLE SOIL BEARING PRESSURE SPECIFIED IN THE DESIGN LOADS AND CRITERIA SECTION OF THESE NOTES. IF ACTUAL CONDITIONS DO NOT MEET OR EXCEED THIS VALUE, REMEDIATE THE SOIL TO THE APPROVAL OF THE GEOTECHNICAL ENGINEER OR CONTACT THE ENGINEER FOR A REANALYSIS/REDESIGN OF THE FOOTINGS.
- 7. PROXIMITY OF UTILITY TRENCHES TO THE BUILDING FOUNDATION SYSTEM SHALL BE AS APPROVED BY THE GEOTECHNICAL CONSULTANT TO INSURE THE INTEGRITY OF THE BEARING SOILS. THE RESULTING TOTAL LOAD SOIL PRESSURES FOR IN-SITU SOILS MAY NOT EXCEED THE ALLOWABLE BEARING PRESSURE. (SEE DESIGN LOADS AND CRITERIA, GEOTECHNICAL SECTION OF THESE NOTES.)

#### STEEL

- 1. STRUCTURAL STEEL SHALL MEET THE LATEST AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION
- OF STRUCTURAL STEEL FOR BUILDINGS". W SHAPES SHALL MEET ASTM A992, Fy = 50 KSI.
- 3. L, C, MC, M, AND S SHAPES, PLATES AND BARS SHALL MEET ASTM A36, Fy = 36 KSI.
- 4. HSS SHAPES SHALL MEET ASTM A500, GRADE C, Fy = 50 KSI RECT, Fy = 46 KSI ROUND; OR ASTM A1085, Fy = 50 KSI.
- 5. PIPES SHALL MEET ASTM A53, GRADE B, Fy = 35 KSI.
- 6. HP SHAPES SHALL MEET ASTM A572 GRADE 50, Fy = 50 KSI ANCHOR RODS SHALL MEET ASTM F1554, GRADE 36.
- 8. BOLTS SHALL MEET ASTM A325 HIGH STRENGTH, WITH ASTM F436 WASHERS AND ASTM A563 NUTS AS REQUIRED, OR ASTM F1852 FOR TWIST-OFF-TYPE TENSION-CONTROLLED BOLTS. BOLTS FOR WOOD CONNECTIONS SHALL MEET ASTM A307 GRADE A. THREADED ROD SHALL MEET ASTM A36. STEEL HEADED STUD ANCHORS SHALL MEET ASTM A 108.
- 10. WELDING SHALL CONFORM TO THE STANDARDS SET FORTH IN AWS D1.1: STRUCTURAL WELDING CODE STEEL.
- ALL WELDS SHALL BE PREQUALIFIED OR TESTED AND QUALIFIED AS SET FORTH THEREIN. 11. FABRICATOR IS RESPONSIBLE FOR THE DESIGN AND DETAILING OF CONNECTIONS IN ACCORDANCE WITH THE AISC STEEL CONSTRUCTION MANUAL USING SIMPLE SHEAR CONNECTIONS EXCEPT WHERE SPECIFICALLY NOTED. BOLTED CONNECTIONS SHALL HAVE 2 OR MORE BOLTS AND THE DISTANCE FROM SUPPORTING MEMBER TO CENTERLINE OF BOLTS SHALL NOT EXCEED 3 INCHES. ACTUAL DEPTH OF CONNECTION SHALL BE AT LEAST HALF

NOM DE	PTH STRENGTH	NOM DEPTH	STRENGTH	NOM DEPTH	STRENGTH	NOM DEPTH	STRENGTH
10"	16 KIPS	16"	42 KIPS	21"	63 KIPS	27"	84 KIPS
14"	25 KIPS	18"	53 KIPS	24"	74 KIPS	30"	95 KIPS

OF THE BEAM DEPTH. MINIMUM CHANNEL AND WIDE FLANGE ASD CONNECTION STRENGTHS SHALL BE PER THE

12. FIELD AND SHOP WELDED CONNECTIONS SHALL USE 1/4" FILLET WELDS MINIMUM UNO.

FOLLOWING TABLE, UNO. USE THE NEXT LARGER DEPTH FOR DEPTHS NOT LISTED.

- 13. FIELD WELDS SHALL USE E70XX ELECTRODES.
- 14. ERECTION DRAWINGS SHALL SHOW ALL FIELD WELDS REQUIRED. 15. BEAMS FRAME FLUSH AT TOP UNLESS NOTED (+/-).
- 16. STEEL FRAMES ARE NOT "SELF-SUPPORTING." ADEQUATE TEMPORARY SUPPORT SHALL BE PROVIDED BY THE
- CONTRACTOR UNTIL ALL STRUCTURAL ELEMENTS ARE PERMANENTLY INSTALLED. 17. UNLESS NOTED OTHERWISE, PROVIDE 1/4" THICK CAP PLATES AT ALL COLUMNS.

EACH

EL, ELEV

**EMBED** 

ENG

EOS

EQ SPA

**EXIST** 

EXP

FLG

FTG

EACH FACE

ELEVATION

ENGINEER

EACH WAY

EXPANSION

FLOOR DRAIN

FOUNDATION

FINISHED FLOOR

FINISHED GRADE

FINISH/FINISHED

FLOOR/FLOORING

FLATHEAD

**FLANGE** 

FINISHED FLOOR ELEVATION

EXTERIOR/EXTERNAL

EXISTING

FLAT BAR

**EDGE OF SLAB** 

**EXPANSION JOINT** 

EMBEDDED/EMBEDMENT

EXTRUDED POLYSTYRENE

EQUAL SPACING/EQUALLY SPACED

#### CONCRETE

1. CONCRETE SHALL CONFORM TO THE FOLLOWING: WHERE MIN I'C IS THE MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS, AND MAX W/C IS THE MAXIMUM WATER-CEMENTITIOUS MATERIALS RATIO.

CONCRETE LOCATION/USE	MIN f'c	MAX W/C	AIR CONTENT
FOOTINGS	3000 PSI	0.55	-
FOUNDATION WALLS & PIERS	4000 PSI	0.50	6% ± 1.5%
INITEDIOD SLADS ON CDADE	2000 DCI	0.50	307 OD LECC AT TDOWELED EIVICH

INTERIOR SLABS-ON-GRADE 3000 PSI 0.50 3% or less at troweled finish EXTERIOR CONCRETE 4000 PSI 0.45 6% ± 1.5%

- MAXIMUM SLUMP SHALL BE 5" EXCEPT WHERE PLASTICIZING ADMIXTURE IS USED PER MFR'S RECOMMENDATIONS. SEE SPECIFICATION FOR ADDITIONAL CONCRETE REQUIREMENTS. CONCRETE CONSTRUCTION SHALL CONFORM TO THE CURRENT "ACI MANUAL OF CONCRETE PLACEMENT".
- PORTLAND CEMENT SHALL CONFORM TO ASTM C150, TYPE I OR II.
- AGGREGATE FOR NORMAL WEIGHT CONCRETE SHALL MEET ASTM C33. REINFORCEMENT SHALL BE DEFORMED BARS THAT MEET ASTM A615, GRADE 60.
- WELDED WIRE FABRIC (WWF) SHALL MEET ASTM A185 AND BE PROVIDED IN FLAT SHEETS ONLY. CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE.

REINFORCEMENT SIZE MIN COVER CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH EXPOSED TO EARTH OR WEATHER #6 THROUGH #18 EXPOSED TO EARTH OR WEATHER #5 AND SMALLER

- 10. REINFORCEMENT SHALL BE DETAILED, FABRICATED AND PLACED PER CRSI AND ACI STANDARDS, INCLUDING CONCRETE COVER AND BAR SUPPORTS. (DESIRED METHOD OF SUPPORTING TOP BARS IN THICK MATS SHALL BE VERIFIED WITH ENGINEER.) PROVIDE CORNER BARS AT ALL FOOTINGS AND WALL INTERSECTIONS TO MATCH HORIZONTAL REINFORCEMENT IN SIZE AND SPACING. AT INTERSECTIONS OF CONTINUOUS SPREAD FOOTINGS, EXTEND ALL BARS TO FAR SIDE OF INTERSECTING FOOTING. LAP BARS AT ALL SPLICES, INCLUDING CORNER BARS AND DOWELS, IN ACCORDANCE WITH SPLICE SCHEDULE OR IN LIEU THEREOF 40 BAR DIAMETERS. LAP WWF 6" OR ONE FULL MESH, WHICHEVER IS GREATER. SLAB REINFORCEMENT SHALL BE SUPPORTED AT MID-HEIGHT OF SLAB BY CONTINUOUS CHAIRS SPACED AT NOT MORE THAN 4-10" OC AND IN ACCORDANCE WITH CRSI
- MANUAL OF STANDARD PRACTICE. 11. PROVIDE 2-#5, 4'-0" LONGER THAN OPENING DIMENSION ON ALL SIDES OF OPENING IN SLAB.
- 12. ALUMINUM SHALL NOT BE EMBEDDED IN ANY CONCRETE. 13. HOLES OR OPENINGS THROUGH FOUNDATION WALLS AND/OR FOOTINGS ARE NOT PERMITTED WITHOUT ENGINEER'S APPROVAL.
- 14. PROVIDE CLASS B TENSION LAP SPLICE BETWEEN VERTICAL WALL REINFORCEMENT AND FOOTING DOWELS. DOWELS SHALL MATCH SIZE AND SPACING OF WALL REINFORCEMENT.
- 15. WALL AND FOOTING REINFORCEMENT SHALL RUN CONTINUOUSLY THROUGH PIERS AND COLUMN FOOTINGS. 16. WHERE CONCRETE SLABS-ON-GRADE ABUT WALLS OR OTHER FIXED OBJECTS, PROVIDE 1/2" THICK PREMOLDED JOINT FILLER ISOLATION MATERIAL, WITH SEALANT PER ARCH.

#### ANCHORS, DOWELS AND FASTENERS

- 1. ANCHORS, DOWELS, FASTENERS AND FASTENING SYSTEMS NOTED ON DRAWINGS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING, SHALL BE INSTALLED PER CURRENT CODE REPORT & PER MFR RECOMMENDATIONS. POST-INSTALLED ANCHORS AND DOWELS IN CONCRETE SHALL BE ADHERED USING HILTI HIT-HY 200 (ESR-3187)
- OR SIMPSON SET-XP (ESR 2508) POST-INSTALLED ANCHORS AND DOWELS IN MASONRY SHALL BE ADHERED USING HILTI HIT-HY 270 (ESR-4143 &
- ESR-4144) OR SIMPSON SET-XP (ER-265)
- 4. HILTI X-U (ESR-2269)
- SIMPSON TITEN (ESR-2713/ESR-1056) BOX BOLT (ESR-3217
- HILTI KWIK-BOLT 3 (ESR-1385)

#### WOOD:

- PROVIDE WALL SHEATHING IN ACCORDANCE WITH DOC PS 1-09
- PROVIDE CERTIFICATION LETTER STATING THE SPECIFIED PRODUCTS LISTED BELOW WILL BE SUPPLIED AS SPECIFIED. 3. Framing lumber 2x and larger shall be douglas fir no. 1 Grade used at a maximum moisture
  - CONTENT OF 19% OR SOUTHERN PINE NO. 1 GRADE USED AT A MAXIMUM MOISTURE CONTENT OF 19% WITH THE FOLLOWING MINIMUM ALLOWABLE STRESSES, UNLESS NOTED OTHERWISE: Fb= 1,000 PSI
- Fc= 1,500 PSI Ft= 625 PSI
- Fv= 180 PSI E= 1,700,000 PSI
- 4. LVL (LAMINATED VENEER LUMBER) BEAMS SHALL BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS WITH THE FOLLOWING MINIMUM ALLOWABLE STRESSES:
- Fb= 2,600 PSI Fv= 285 PSI
- Fc= 750 PSI E= 2,000,000 PSI
- 5. SPECIFIED NAILS ARE COMMON NAILS, UNO
- 6. PROVIDE APA RATED 3/4" ROOF SHEATHING EXPOSURE 1. ATTACH SHEATHING TO JOISTS WITH 10d NAILS AT 6" O.C. AT ALL SUPPORTED PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS.
- 7. PROVIDE APA RATED 1/2" WALL SHEATHING EXPOSURE 1. ATTACH SHEATHING TO WALLS WITH 10d NAILS AT 6" O.C. EDGE NAILING AND 10d NAILS AT 12" O.C. FIELD NAILING UNLESS NOTED OTHERWISE.
- 8. FOR ROOF AND WALL SHEATHING, PROVIDE FASTENERS WITH HOT-DIP ZINC COATING COMPLYING WITH ASTM A153/A153M.
- UNLESS NOTED OTHERWISE, CONNECTIONS SHALL BE MADE PER THE "RECOMMENDED FASTENING SCHEDULE", IN THE REFERENCED BUILDING CODE. STAPLES NOT PERMITTED FOR FASTENING APA RATED SHEATHING.
- 10. ALL METAL CONNECTORS SHALL BE "SIMPSON STRONG-TIE". ALL CONNECTORS IN CONTACT WITH PRESSURE TREATED LUMBER SHALL BE "ZMAX / HDG" GALVANIZED CONNECTORS UNLESS NOTED OTHERWISE. FASTENERS FOR
- "ZMAX / HDG" CONNECTORS SHALL BE HOT-DIPPED GALVANIZED PER ASTM A 153 OR "SIMPSON STRONG-TIE STRONG-DRIVE" SCREWS WITH DOUBLE BARRIER COATING.
- 11. DETAIL, FABRICATE AND ERECT STRUCTURAL WOOD IN ACCORDANCE WITH THE 2015 EDITION OF THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION.
- 12. ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESERVATIVE TREATED AND MEET THE REQUIREMENTS OF AWPA. 13. ALL CONNECTIONS TO/THRU PRESERVATIVE TREATED WOOD SHALL BE STAINLESS STEEL OR HOT DIPPED
- GALVANIZED.
- 14. INTERIOR NON-BEARING PARTITION WALLS SHALL NOT BE RIGIDLY ATTACHED TO THE UNDERSIDE OF ANY ROOF TRUSSES OR WOOD JOISTS. PROVIDE 1" GAP WITH SIMPSON DTC CLIP ANGLE AT EACH TRUSS TO TOP PLATE.
- 15. PROVIDE TYVEK HOMEWRAP (OR APPROVED EQUIVALENT) BUILDING WRAP IN ACCORDANCE WITH ASTM E1677 PROVIDE TYPE 1 AIR RETARDER WITH FRAME SPREAD AND SMOKE DEVELOPED INDEXES OF LESS THAN 25 AND 450 RESPECTIVELY, WHEN TESTED ACCORDING TO ASTM E84: UV STABILIZED.
- 16. APPLY BUILDING WRAP IMMEDIATELY AFTER SHEATHING IS INSTALLED. SEAL SEAMS, EDGES, FASTENERS, AND PENETRATIONS WITH TAPE. EXTEND INTO JAMBS OF OPENINGS AND SEAL CORNERS WITH TAPE.
- 17. PROVIDE 2x SOLID BLOCKING IN WALLS AS REQUIRED FOR REINFORCEMENT OF ALL GRAB BARS, RESTROOM FIXTURES, PLUMBING LINES, WALL BUMPERS, ETC. SEE ARCHITECTURAL FOR REQUIREMENTS.

Date: Issued: A | Issued for Permit 1/7/202 Bid Set 3/7/2022 Date Revisions:

PROJECT ARCHITECT/ENGINEER

ROJECT LEAD Michael Verrastro

DATE

Xinye Su

Brent T. Powell. PE

PROJECT DESIGNER

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Burger King Inc. Store # 5427

344 W. Trenton Ave. Morrisville, PA 19067

Bucks County Project Name & Location:

General Structural Notes (GSN)

Drawing Name: Project No. Date: 9/30/2021 21-0361

BK-50 Гуре:

S-001 Drawing No. Scale: As Noted **I** 

STRUCTURAL ABBREVIATIONS

GENERAL CONTRACTOR

GALVANIZED

GRADE

GALV

GC

GR

GSN GENERAL STRUCTURAL NOTES GWB GYPSUM WALL BOARD HGT HEIGHT **HORIZ** HORIZONTAL INSIDE DIAMETER **INCHES** INSUL INSULATION INTERIOR INVERT INSIDE **INSIDE FACE** JOIST BEARING/JOIST BEARING ELEVATION JOIST **JOINT** K, KIP KIPS, KILOPOUNDS (1 KIP = 1000 POUNDS)

MFR **MANUFACTURER** MIN MUMINIM MISC **MISCELLANEOUS** MO MASONRY OPENING MTL NO NUMBER NOM NOMINAL NS NON-SHRINK/NEAR SIDE NTS NOT TO SCALE OC ON CENTER OD

MAX

MEZZ

MECH

**OUTSIDE DIAMETER** OPENING/OPENINGS OPPOSITE, OPPOSITE HAND ORIG ORIGINAL OS **OUTSIDE** OSF **OUTSIDE FACE** ΟZ OUNCE PAF POWDER ACTUATED FASTENER STEEL PLATE, BAR, STRIP OR SHEET PLUMB PLUMBING

MATERIAL

**MAXIMUM** 

**MECHANICAL** 

MEZZANINE

SDI **SECT** 

PΤ

PTD

PVC

QTY

REINF

REQD

**REQT** 

REV

RM

RO

SCHED

SHT SIM SIMILAR SJI STEEL JOIST INSTITUTE SQUARE STAINLESS STEEL STANDARD STEEL

SPECIFICATION/SPECIFICATIONS/SPECIFIED STEEL STUD MANUFACTURER'S ASSOCIATION

STRUCTURE

TENSION T&B TOP AND BOTTOM

LINEAR/LINEAL FOOT LLH LONG LEG HORIZONTA LONG LEG VERTICAL LONGITUDINAL LONG POINT BENDING MOMENT

KIPS PER SQUARE FOOT

PLYWD PLYWOOD PR PSF

LLV MACHINE

LONG MACH MAS MASONRY

FAR SIDE FOOT/FEET **FOOTING** GAUGE

**POUNDS** 

POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH

SQ SSMA STD STL STRUC

PRESSURE TREATED

POLYVINYLCHLORIDE

BEAM OR COLUMN REACTION

REINFORCE/REINFORCED/REINFORCEMENT

PAINTED

QUANTITY

**ROOF DRAIN** 

**REQUIREMENT** 

ROUGH OPENING

SCHEDULE/SCHEDULED

STEEL DECK INSTITUTE

REQUIRED

REVISION

ROOM

SECTION

RADIUS

WEIGHT WWF

T&G

TBD

TBR

TCX

THD

THK

TMS

TOB

WOT

**TRANS** 

TYP

UNO

**VERT** 

W/O

WD

VIF

TOS

TO

**WORK POINT** WELDED WIRE FABRIC

**TONGUE AND GROOVE** 

TOP CHORD EXTENSION

THE MASONRY SOCIETY

UNLESS NOTED OTHERWISE

TOP OF FOOTING ELEVATION

TO BE DETERMINED

THREAD/THREADED

THICK/THICKNESS

TO BE REMOVED

TOP FLANGE

TOP OF BEAM

TOP OF STEEL

TOP OF WALL

**TRANSVERSE** 

SHEAR FORCE

**VERIFY IN FIELD** 

TYPICAL

VERTICAL

**WITHOUT** 

WOOD

WITH

TOP OF

Drawn By: XS

ADDL

ADDN

ΑE

AFF

ANSI

AR

APPROX

ARCH

ASCE

ASTM

AWS

BCX

BLDG

BD

BLK

BM

ВО

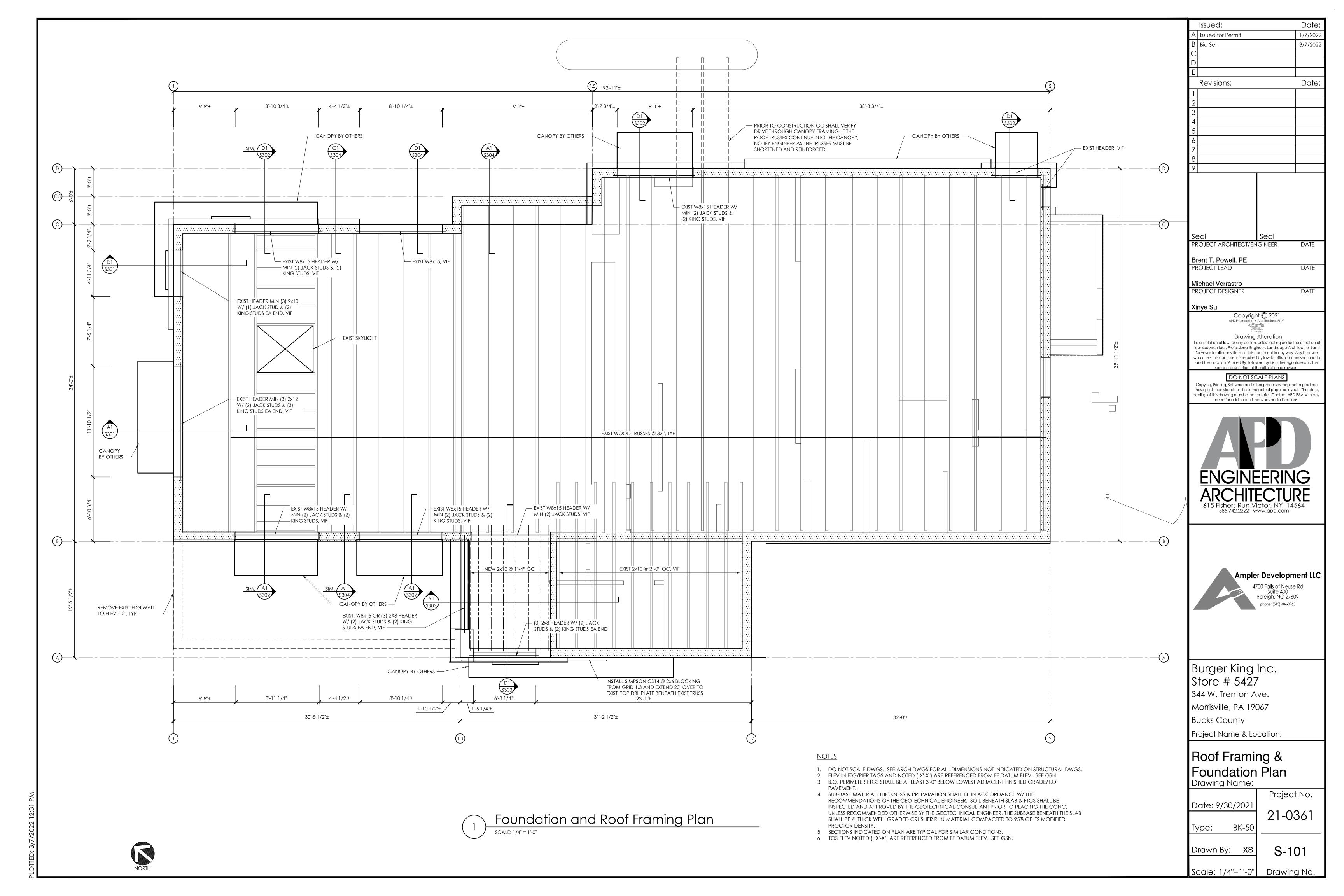
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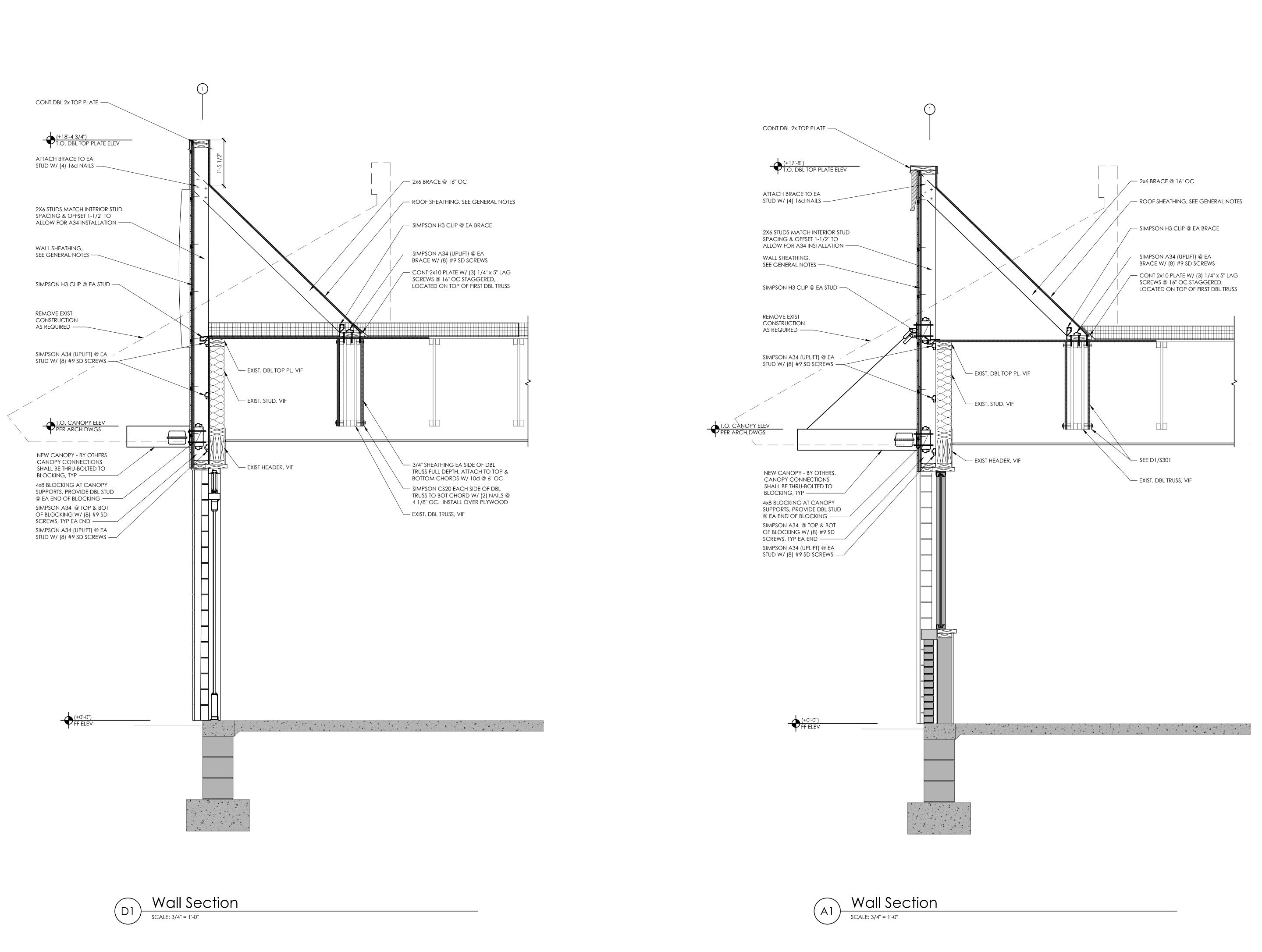
BOT

BRG

BTWN

BLKG





Date: Issued: 1/7/2022 A | Issued for Permit 3/7/2022 Date: Revisions: PROJECT ARCHITECT/ENGINEER

Brent T. Powell, PE

DATE

DATE

Michael Verrastro

PROJECT DESIGNER

Xinye Su

PROJECT LEAD

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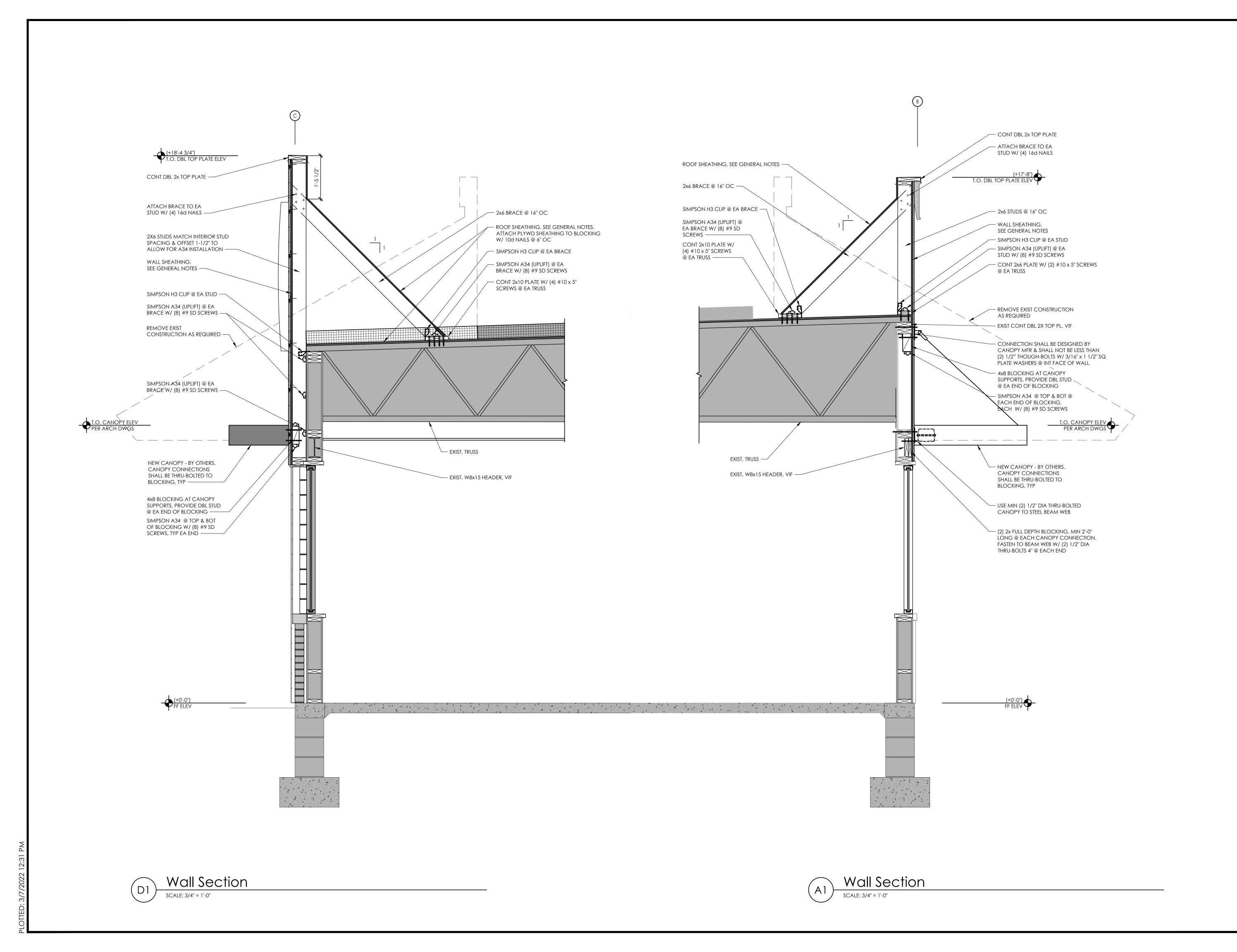
Project Name & Location:

Wall Sections Drawing Name: Project No. Date: 9/30/2021

21-0361 Type: BK-50

S-301 Drawn By: XS

Scale: As Noted Drawing No.



Date: Issued: 1/7/2022 A Issued for Permit Bid Set 3/7/2022 Date: Revisions: PROJECT ARCHITECT/ENGINEER Brent T. Powell, PE PROJECT LEAD DATE Michael Verrastro PROJECT DESIGNER DATE Xinye Su Copyright © 2021 APD Engineering & Architecture, PLLC Drawing Alteration It is a violation of law for any person, unless acting under the direction of licensed Architect, Professional Engineer, Landscape Architect, or Land Surveyor to alter any item on this document in any way. Any licensee who alters this document is required by law to affix his or her seal and to add the notation "Altered By" followed by his or her signature and the specific description of the alteration or revision DO NOT SCALE PLANS Copying, Printing, Software and other processes required to produce these prints can stretch or shrink the actual paper or layout. Therefore, scaling of this drawing may be inaccurate. Contact APD E&A with any need for additional dimensions or clarifications.





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Morrisville, PA 19067

Bucks County

Project Name & Location:

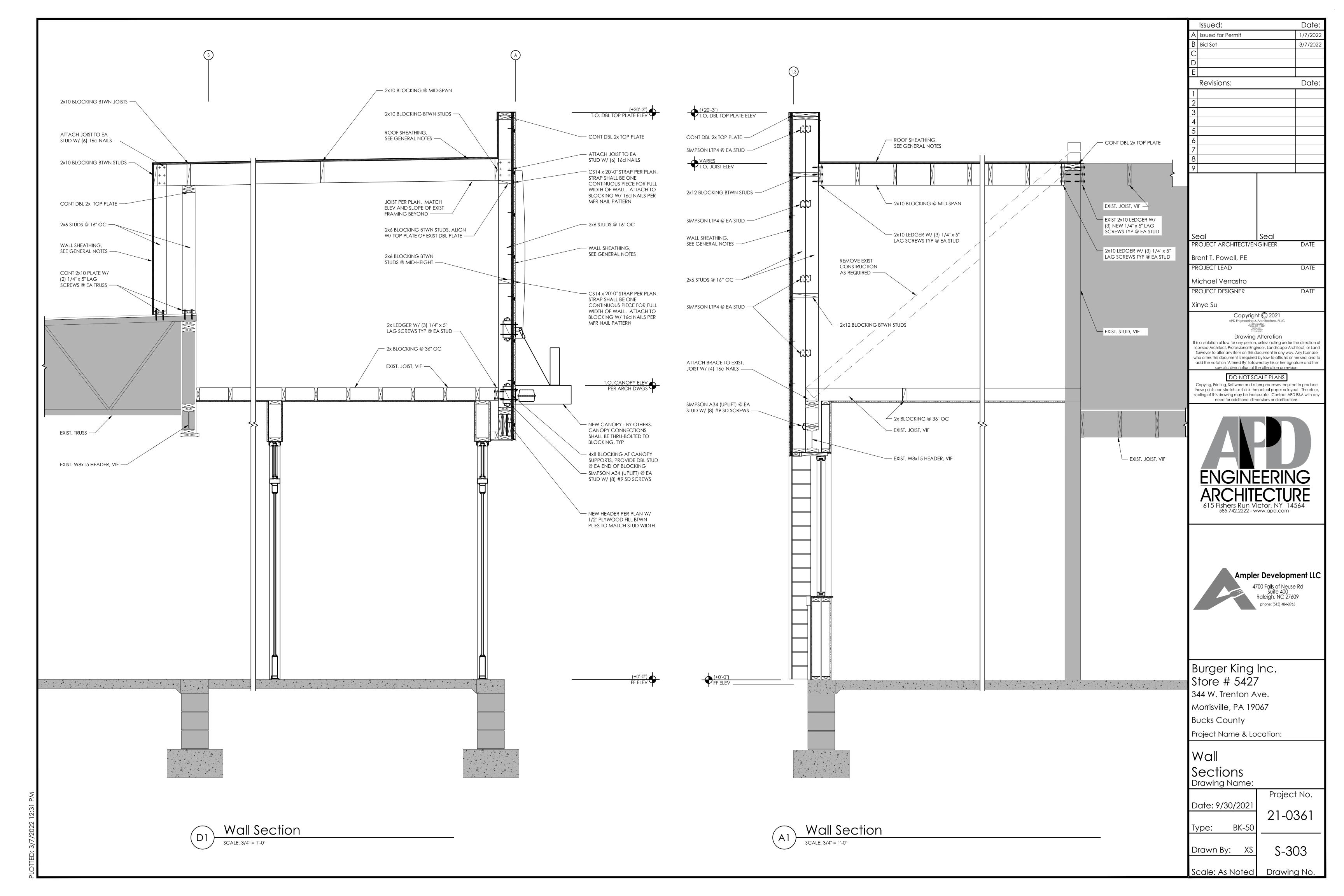
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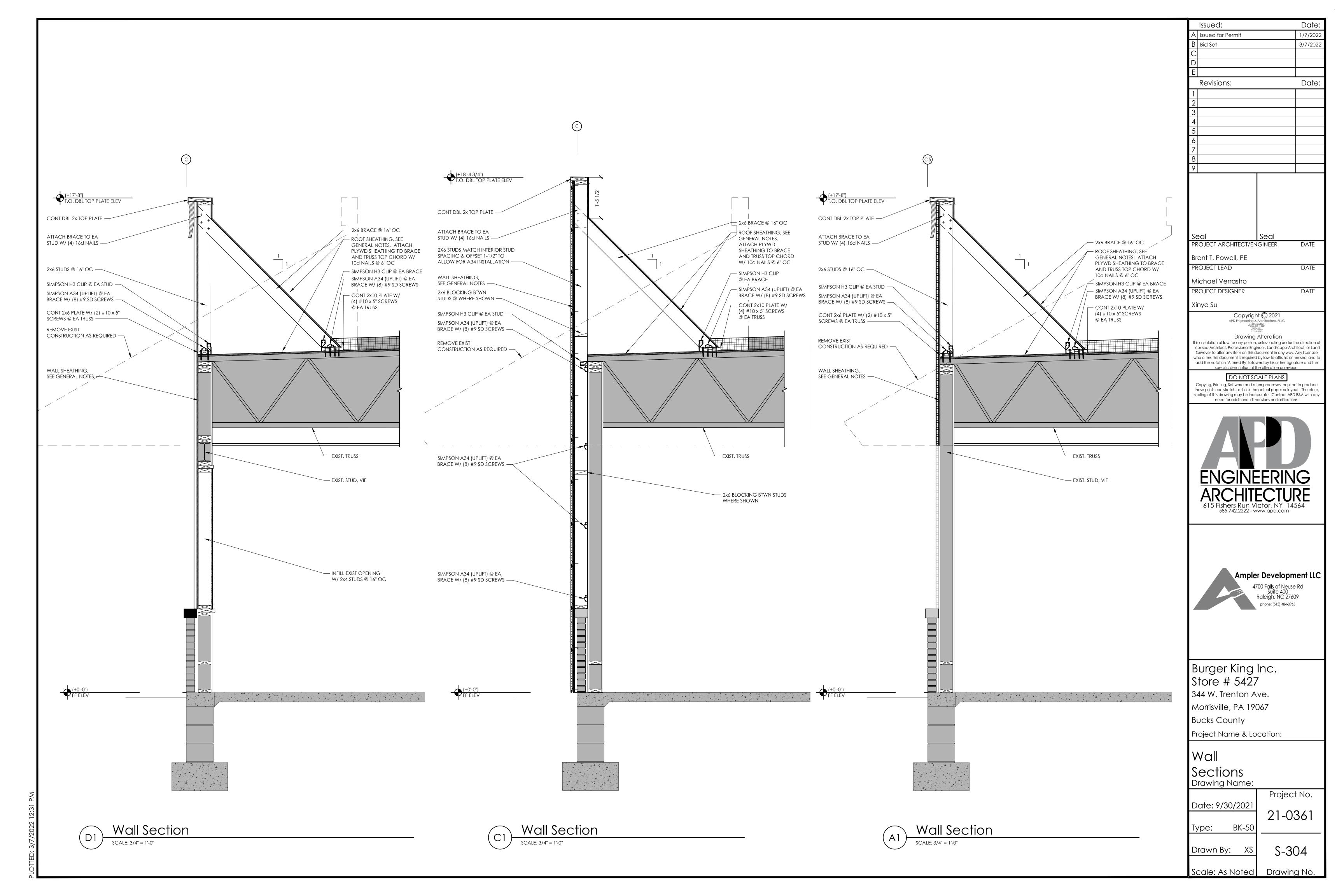
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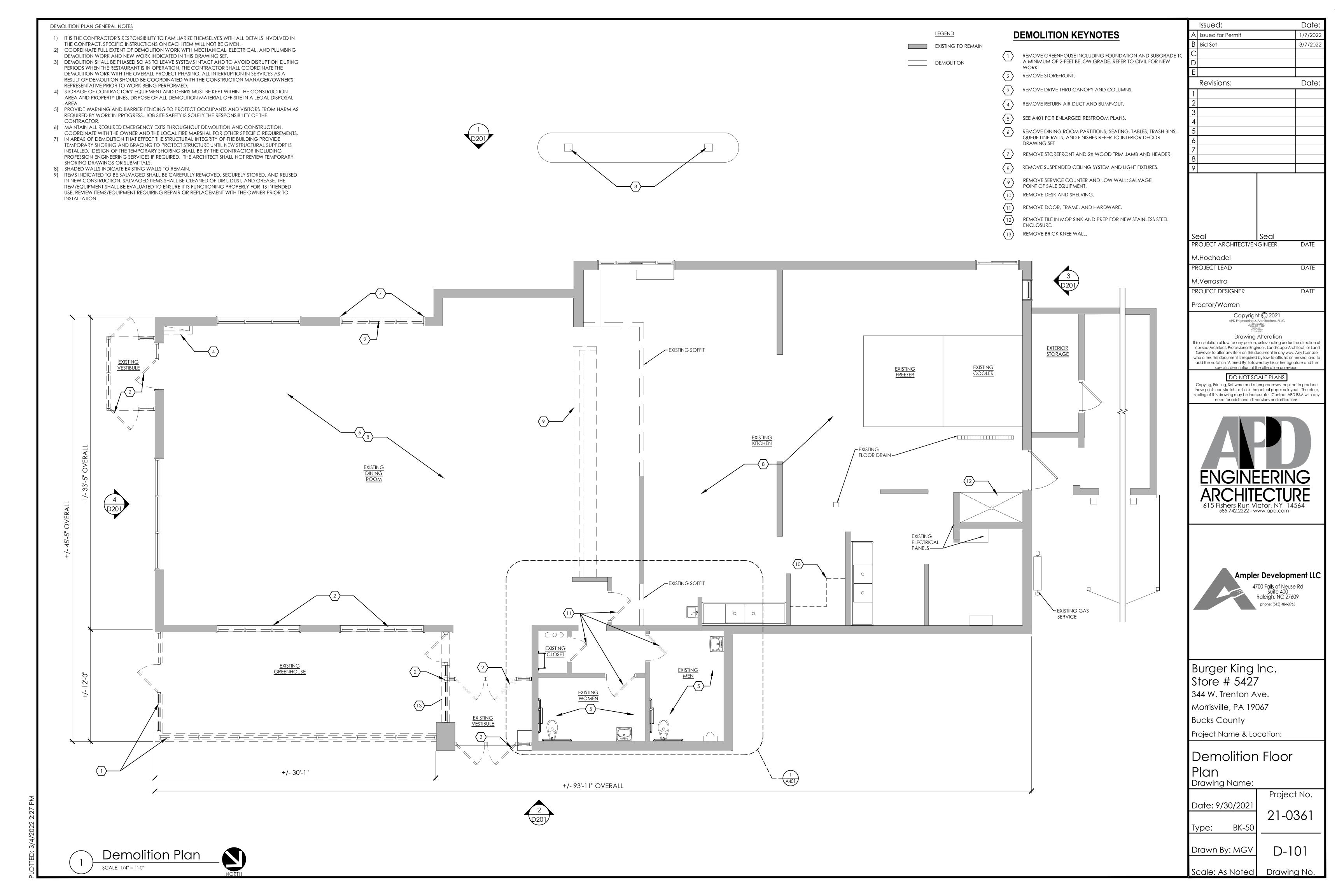
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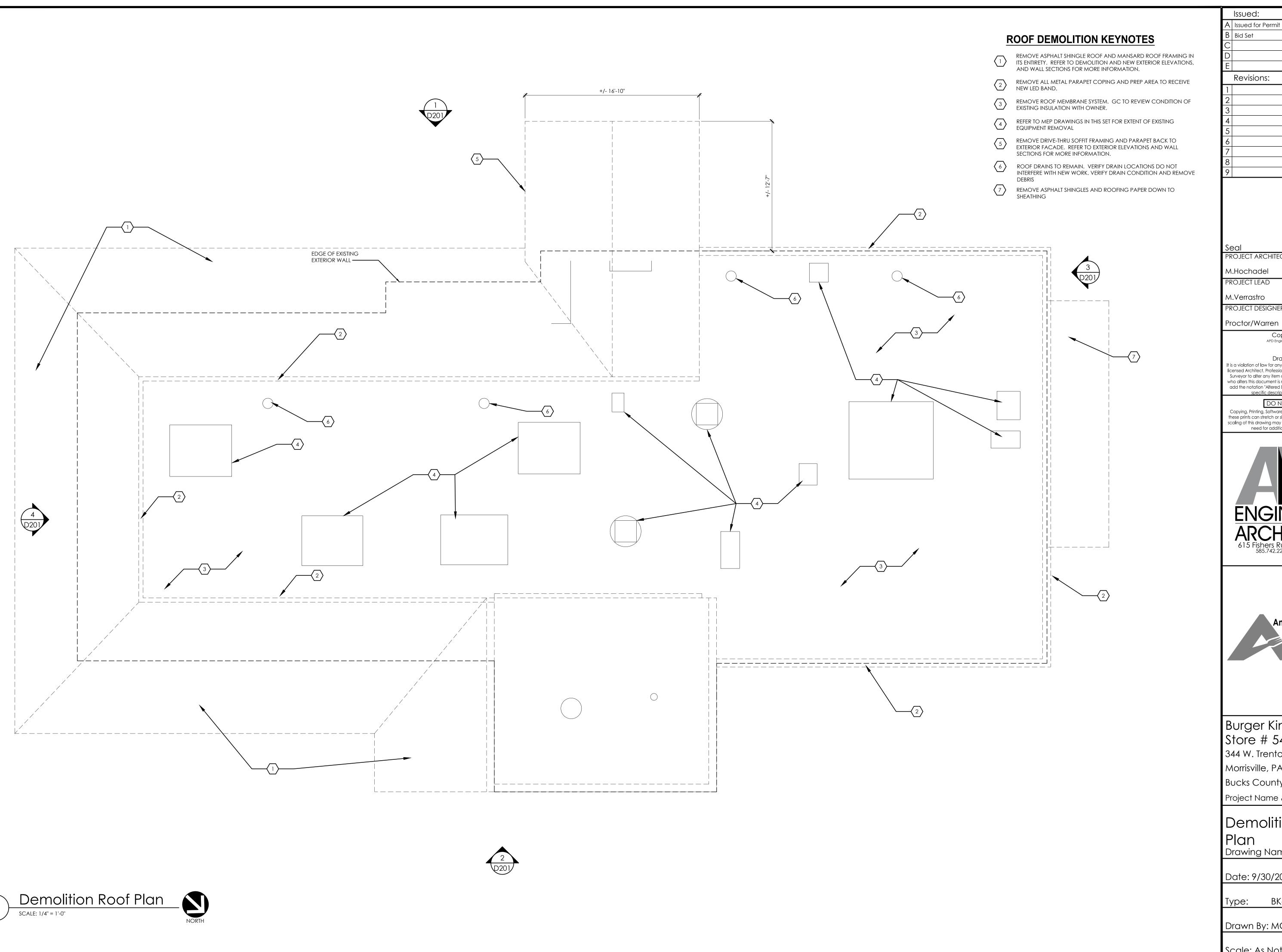
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Scale: As Noted Drawing No.









Issued: A Issued for Permit 1/7/2022 3/7/2022 Revisions: Date:

PROJECT ARCHITECT/ENGINEER M.Hochadel

PROJECT DESIGNER

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Morrisville, PA 19067

Bucks County

Project Name & Location:

Demolition Roof Plan

Drawing Name:

Date: 9/30/2021 21-0361 Type: BK-50

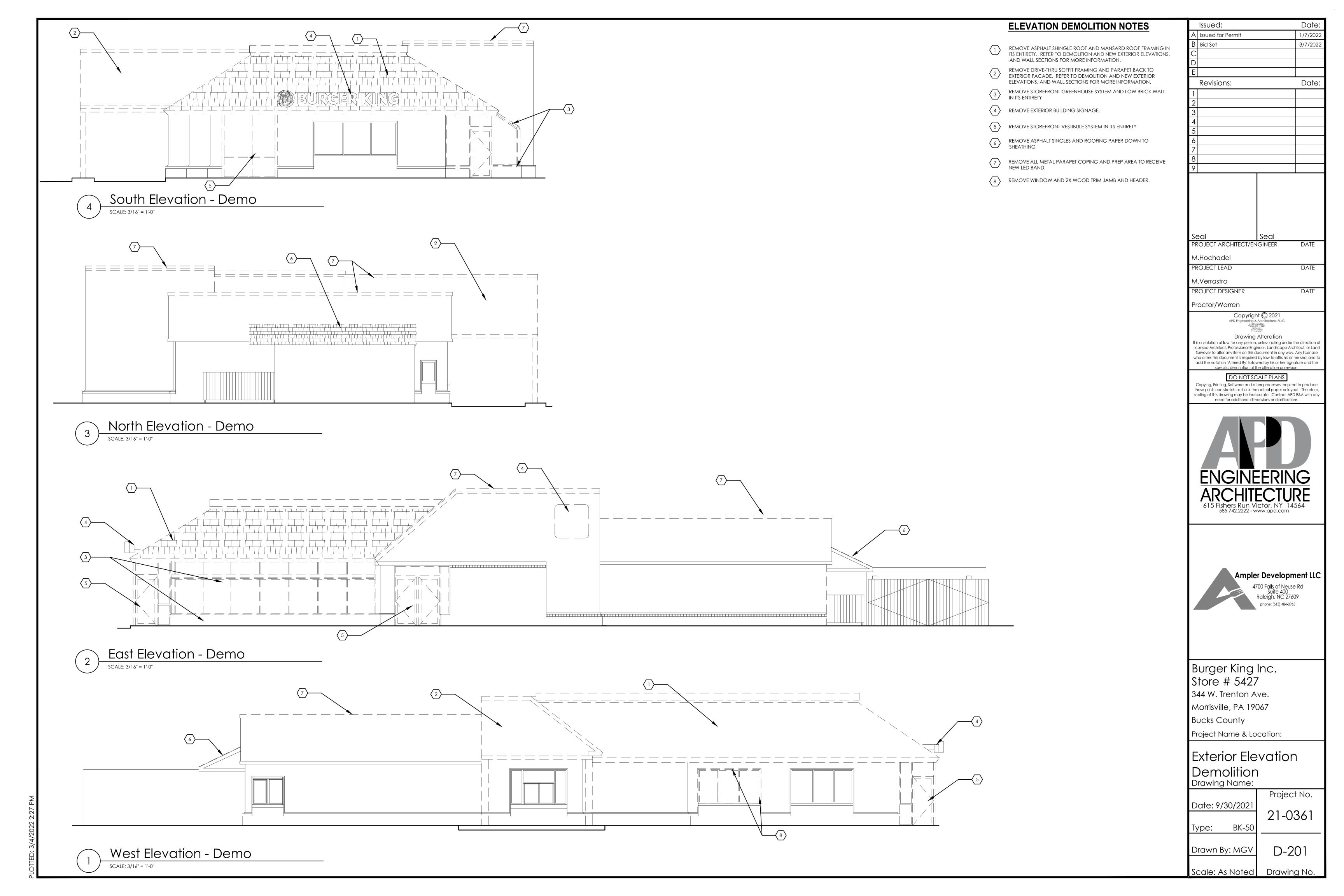
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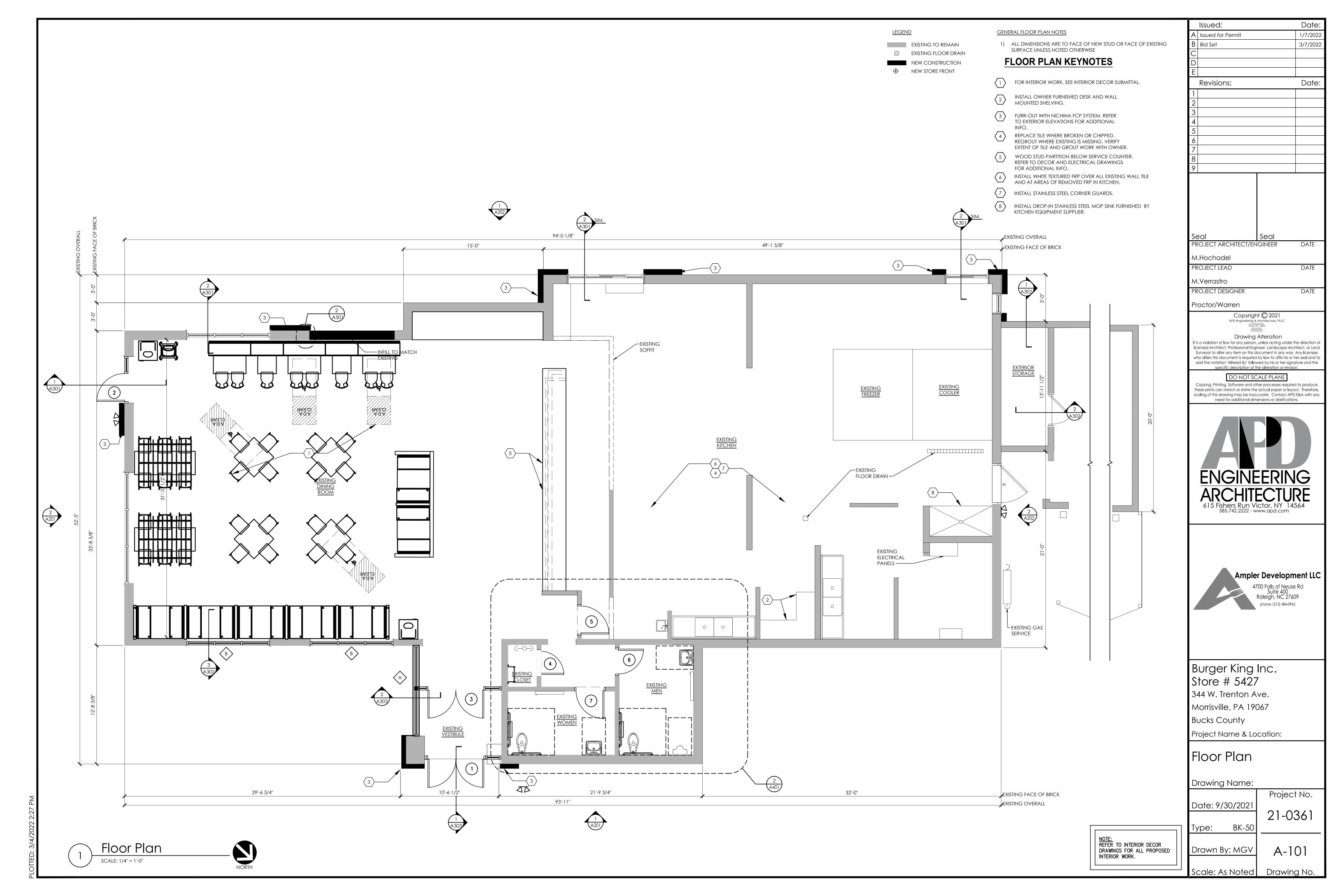
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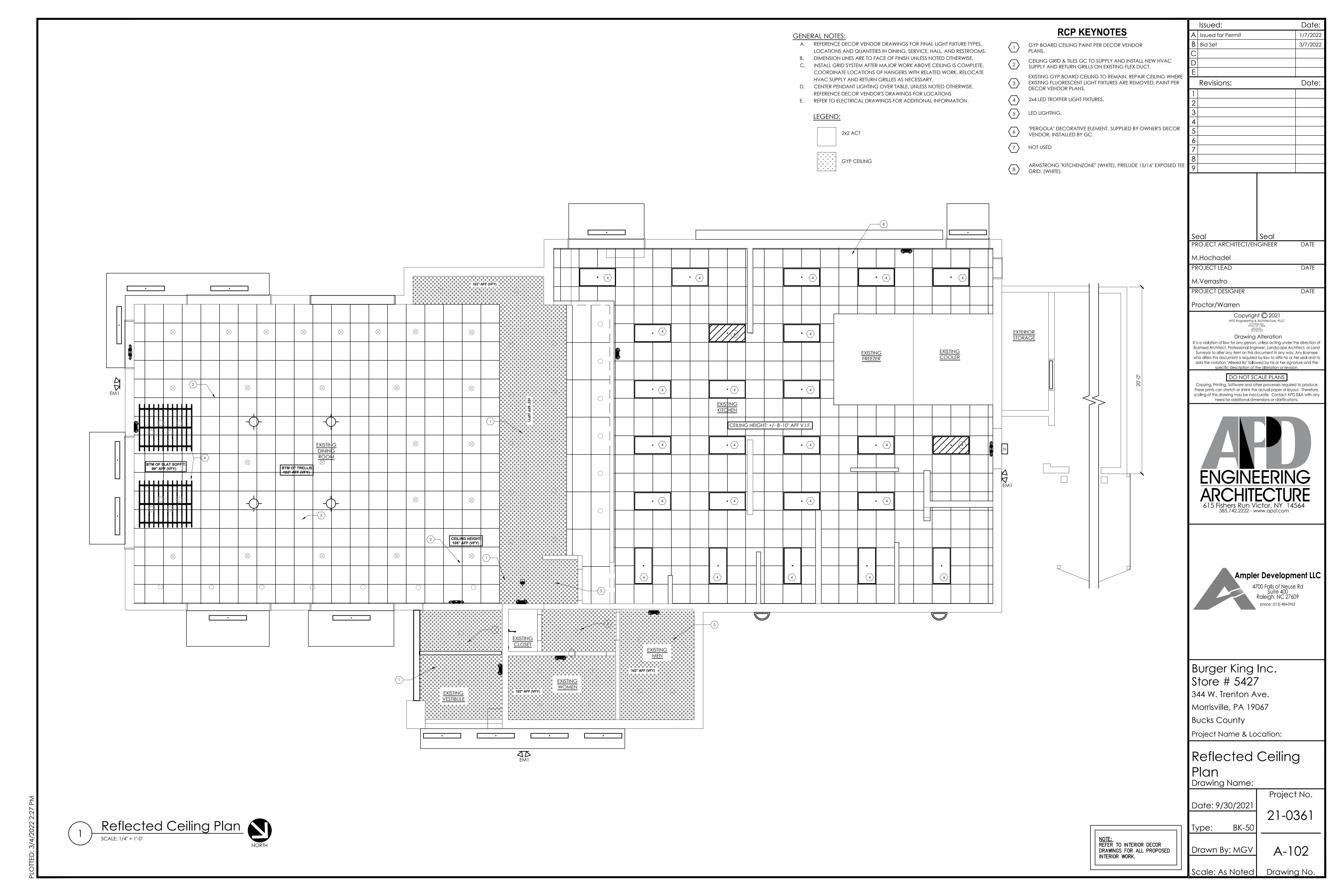
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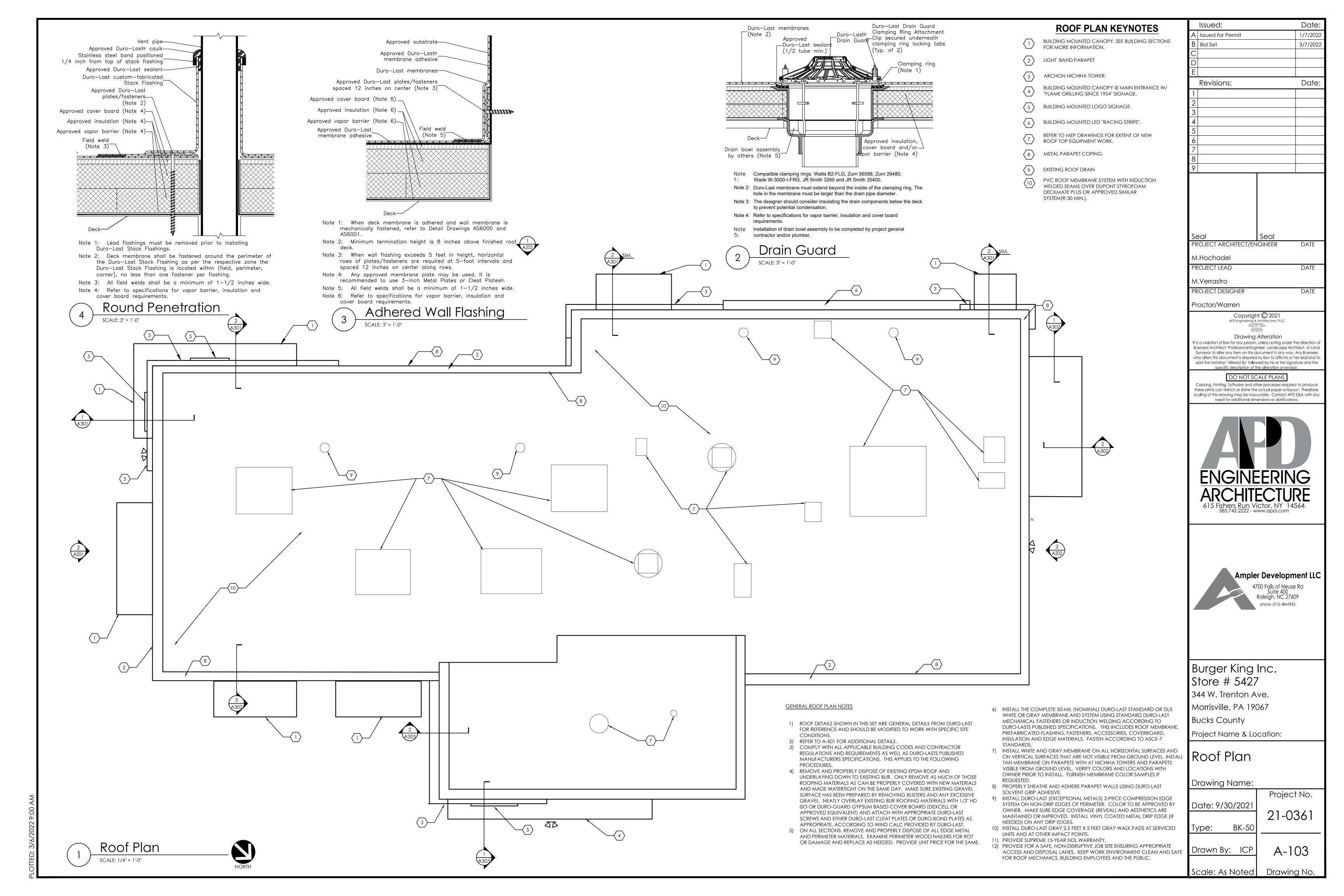
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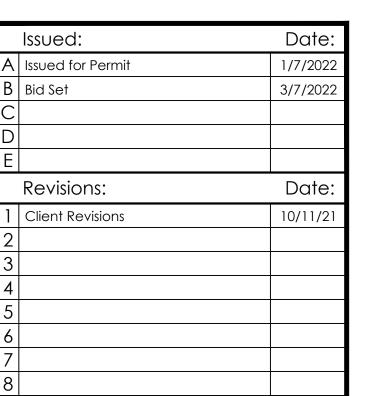






#### **EXTERIOR ELEVATION NOTES:**

- 1. ALL ELEVATIONS ARE REFERENCED FROM TOP OF EXISTING FINISHED FLOOR (0'-0").
- 2. ALL ITEMS, DIMENSIONS, AND ELEVATIONS INDICATED AS 'EXISTING' SHALL BE CONSIDERED +/- AND SHOULD BE VERIFIED IN FIELD PRIOR TO



PROJECT ARCHITECT/ENGINEER

M.Hochadel PROJECT LEAD

M.Verrastro PROJECT DESIGNER

Proctor/Warren

APD Engineering & Architecture, PLLC

DATE

DATE

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Project Name & Location:

## Exterior Elevations

Drawing Name:

Project No. Date: 9/30/2021 21-0361 BK-50 Type:

Drawn By: NGS A-201

Drawing No.

MC-3G LIGHT BAND — LIGHT BAND ----LIGHT BAND ---OUTLINE OF **EXISTING** STRUCTURE-MP-3G OUTLINE OF FLAME GRILLING SINCE 1954 WOOD FENCING **NOT SHOWN FOR** EP-4G CLARITY — 1/4" REVEAL AT WINDOW HEAD -MERCHANDISING -EP-4G EP-4G MP-3G)-Northeast (Entrance) Elevation

Southeast (Front) Elevation

EXTERIOR METAL MC-1G METAL COPING LOCATION: TOP OF LIGHT BAND WALL CAP MANUFACTURER: W.P. HICKMAN SYSTEMS PRODUCT: PERMA SNAP PLUS COLOR: A-30 'SILVERSMITH' CONTACT: W.P. HICKMAN 828-676-1700 WWW.WPH.COM MC-2G METAL COPING LOCATION: BELOW LIGHT BAND MANUFACTURER: W.P. HICKMAN SYSTEMS PRODUCT: PERMA SNAP PLUS COLOR: FACTORY FINISH TO MATCH EP-2G PPG TANNERS TAUPE' CONTACT: W.P. HICKMAN 828-676-1700 WWW.WPH.COM

(MC-3G) METAL COPING LOCATION: TOP OF ARCHON MANUFACTURER: W.P. HICKMAN SYSTEMS PRODUCT: PERMA SNAP PLUS COLOR: PAINT TO MATCH EP-8G PPG 'CEDAR' CONTACT: W.P. HICKMAN 828-676-1700 WWW.WPH.COM MP-3G METAL CANOPY LOCATION: ABOVE DOORS AND WINDOWS MANUFACTURER: SEE APPROVED CANOPY SUPPLIERS

PRODUCT: CUSTOM METAL CANOPY

COLOR: CLEAR ANODIZED

(EP-2G) EXTERIOR PAINT LOCATION: AS NOTED MANUFACTURER: PPG PRIMER: 17-921 PAINT: 6-2045XI COLOR: 'DESERT DUNE' 1023-4 CONTACT: KEVIN LASTACY AT PPG 616-335-3259, KLASTACY@PPG.COM (EP-4G) EXTERIOR PAINT

LOCATION: EXTERIOR BRICK WAINSCOT AND SILL MANUFACTURER: SHERWIN WILLIAMS PRIMER: LOXON CONCRETE AND MASONRY A24W300 PAINT: SUPERPAINT EXT SATIN A89 SERIES

(EP-8G) EXTERIOR PAINT LOCATION: METAL COPING AT ARCHON MANUFACTURER: SHERWIN WILLIAMS PRIMER: PRO INDUSTRIAL PRO-CRYL PRIMER B66-31017-921 PAINT: PRO INDUSTRIAL HIGH PERFORMANCE ACRYLIC B66-650 FINISH: SEMI GLOSS COLOR: 'CEDAR' CUSTOM FORMULAR CONTACT: GLENN REMLER 954-547-1217, GLENN.J.REMLER@SHERWIN.COM

CONTACT: TIM SALERNO AT STO 407-466-5371 (EF-9G) MATERIAL: EXTERIOR FINISH FIBER CEMENT LOCATION: EXTERIOR SIGN ARCHONS MANUFACTURER: NICHIHA PRODUCT: VINTAGE WOOD EF762 COLOR: CEDAR EPC762F DIMENSIONS: 18" X 10' (AWP 3030) CONTACT: ANDREW BRIGGS, ABRIGGS@NICHIHA.COM,

MANUFACTURER: STO OR APPROVED EQUAL

PRODUCT: STO POWERWALL STUCCO FINISH

**EXTERIOR FINISH** 

EF-1G MATERIAL: STUCCO LOCATION: AS INDICATED

TEXTURE: MATCH EXISTING

COLOR: MATCH EP-2G PPG 'DESERT DUNE' DIMENSION: 12" X 24" CONTACT: JOY DETER AT EUROWEST 714-309-9551 OR JOY KLEIN 813-334-3302, JKLEIN@TRANSAMERICA.COM

**EXTERIOR CERAMIC TILE** 

ECT-19 MATERIAL: EXTERIOR CERAMIC TILE LOCATION: ACCENT AT BUILDING FRONT

PRODUCT: SENSIBLE STONE ED5052

MANUFACTURER: GRANITI GIANDRE / EUROWEST

COLOR: 'RED NATURAL' STACKED BOND PATTERN

COLOR: 'HOMESTEAD BROWN' SW7515 CONTACT: GLENN REMLER 954-547-1217, GLENN.J.REMLER@SHERWIN.COM NOTE: ALL FINISHES AS PER GARDEN GRILL FINISH SCHEDULE. REFER TO EXTERIOR FINISH SCHEDULE AT DESIGNWITHBK.COM.

EXTERIOR PAINT AND VINYL

Scale: As Noted



MANUFACTURER: W.P. HICKMAN SYSTEMS

NOTE: ALL FINISHES AS PER GARDEN GRILL FINISH SCHEDULE.

REFER TO EXTERIOR FINISH SCHEDULE AT DESIGNWITHBK.COM.

COLOR: FACTORY FINISH TO MATCH EP-2G PPG TANNERS TAUPE'

CONTACT: W.P. HICKMAN 828-676-1700 WWW.WPH.COM

PRODUCT: PERMA SNAP PLUS

MANUFACTURER: SEE APPROVED CANOPY SUPPLIERS

PRODUCT: CUSTOM METAL CANOPY

COLOR: CLEAR ANODIZED

MANUFACTURER: SHERWIN WILLIAMS

COLOR: 'HOMESTEAD BROWN' SW7515

FINISH: SATIN

PAINT: SUPERPAINT EXT SATIN A89 SERIES

PRIMER: LOXON CONCRETE AND MASONRY A24W300

CONTACT: GLENN REMLER 954-547-1217, GLENN.J.REMLER@SHERWIN.COM

LOCATION: EXTERIOR SIGN ARCHONS

CONTACT: ANDREW BRIGGS, ABRIGGS@NICHIHA.COM,

PRODUCT: VINTAGE WOOD EF762

DIMENSIONS: 18" X 10' (AWP 3030)

MANUFACTURER: NICHIHA

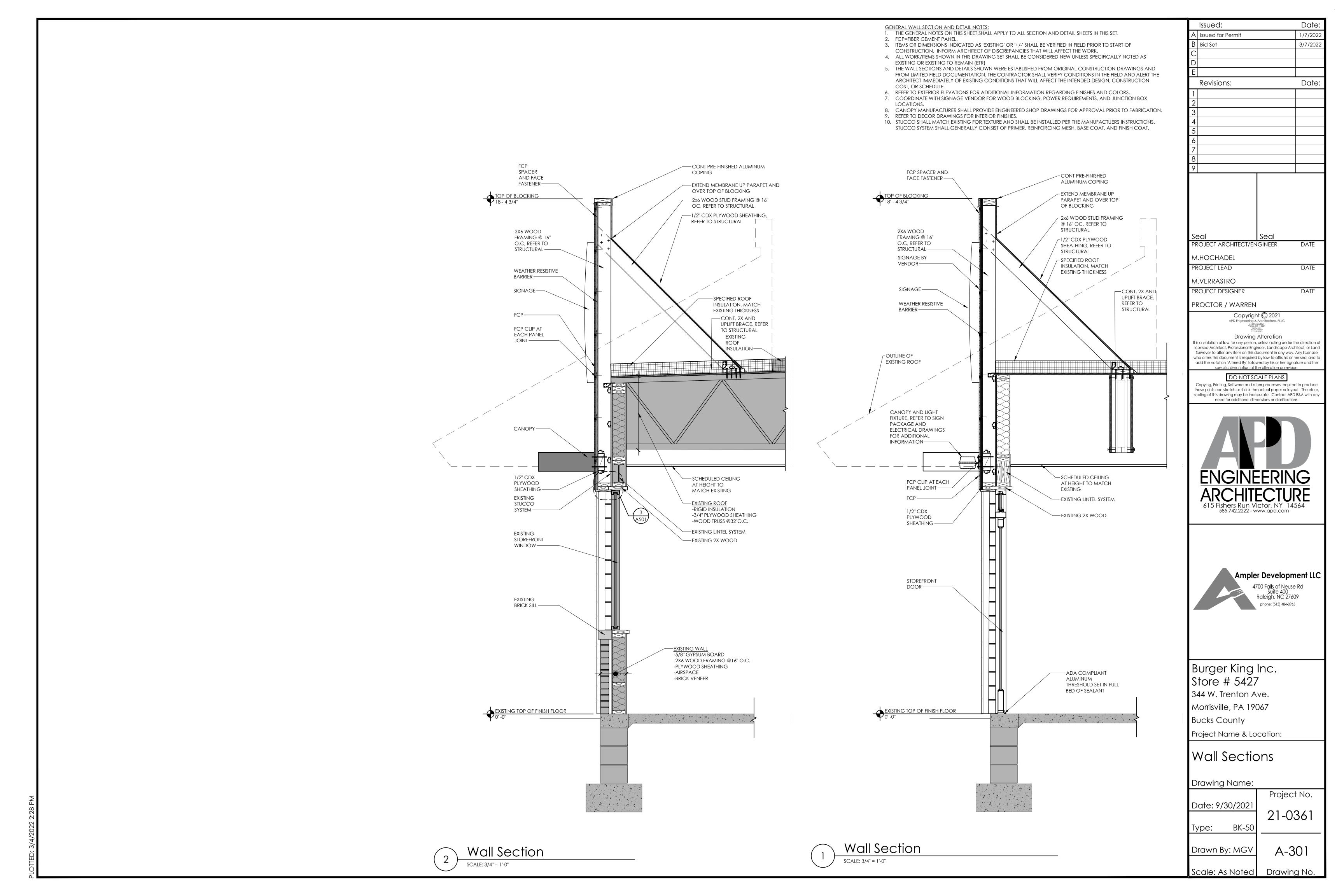
COLOR: CEDAR EPC762F

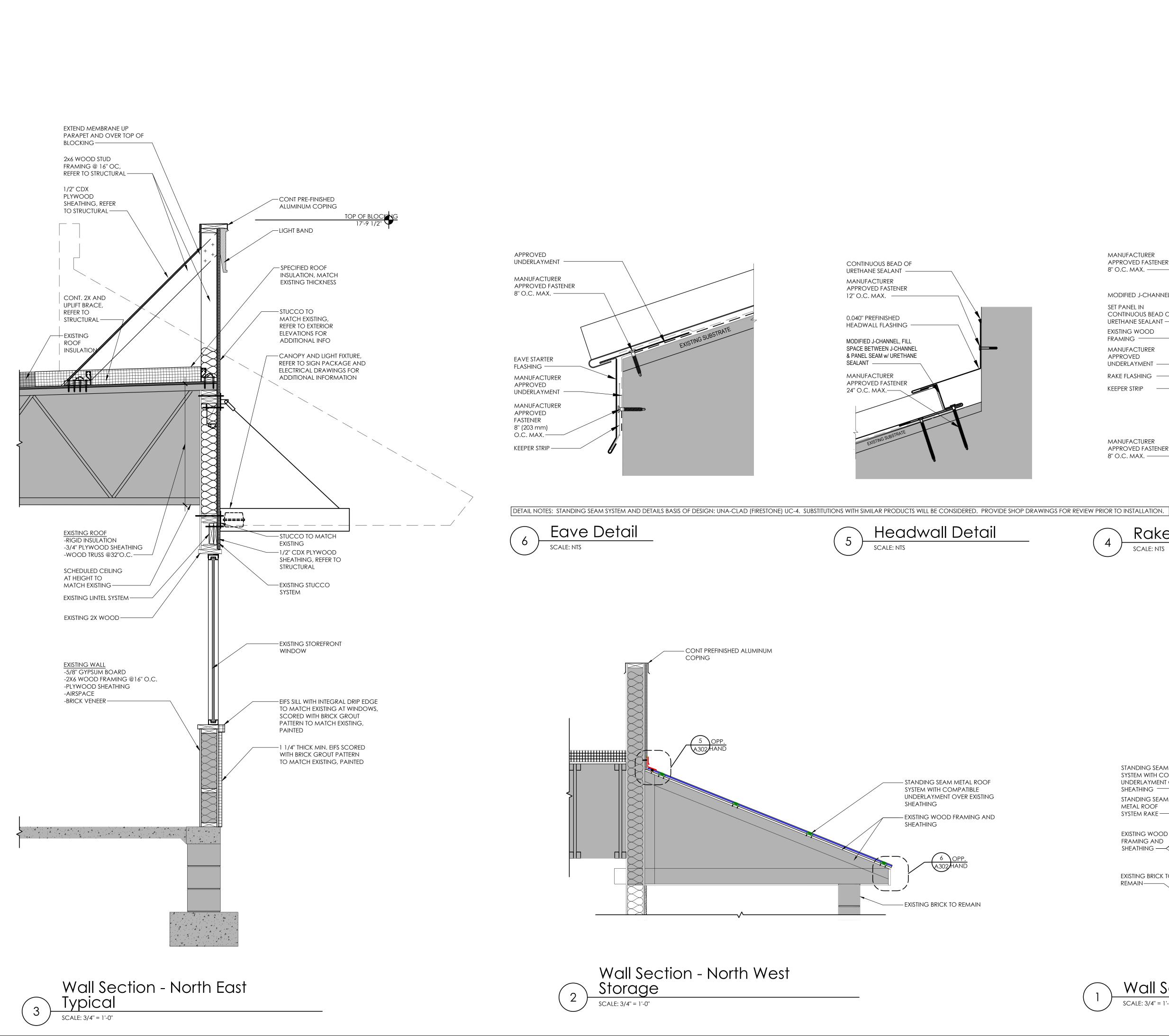
678-654-7002

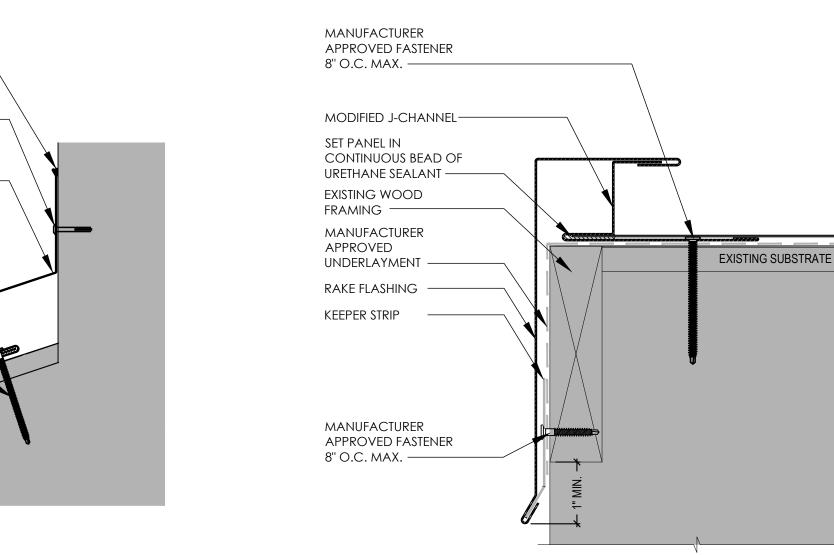
Bid Set 3/7/2022 Date Revisions: Client Revisions 10/11/21 PROJECT ARCHITECT/ENGINEER M.Hochadel PROJECT LEAD DATE M.Verrastro PROJECT DESIGNER DATE Proctor/Warren Copyright © 2021 APD Engineering & Architecture, PLLC Drawing Alteration It is a violation of law for any person, unless acting under the direction o licensed Architect, Professional Engineer, Landscape Architect, or Land Surveyor to alter any item on this document in any way. Any licensee who alters this document is required by law to affix his or her seal and t add the notation "Altered By" followed by his or her signature and the specific description of the alteration or revision DO NOT SCALE PLANS Copying, Printing, Software and other processes required to produce these prints can stretch or shrink the actual paper or layout. Therefore, scaling of this drawing may be inaccurate. Contact APD E&A with any need for additional dimensions or clarifications. ENGINEERING 615 Fishers Run Victor, NY 14564 585.742.2222 - www.apd.com Ampler Development LLC 4700 Falls of Neuse Rd Suite 400 Raleigh, NC 27609 phone: (513) 484-0965 Burger King Inc. Store # 5427 344 W. Trenton Ave. Morrisville, PA 19067 Bucks County Project Name & Location: Exterior Elevations Drawing Name: Project No. Date: 9/30/2021 21-0361 BK-50 Type: A-202 Drawn By: NGS Drawing No. Scale: As Noted

Date:

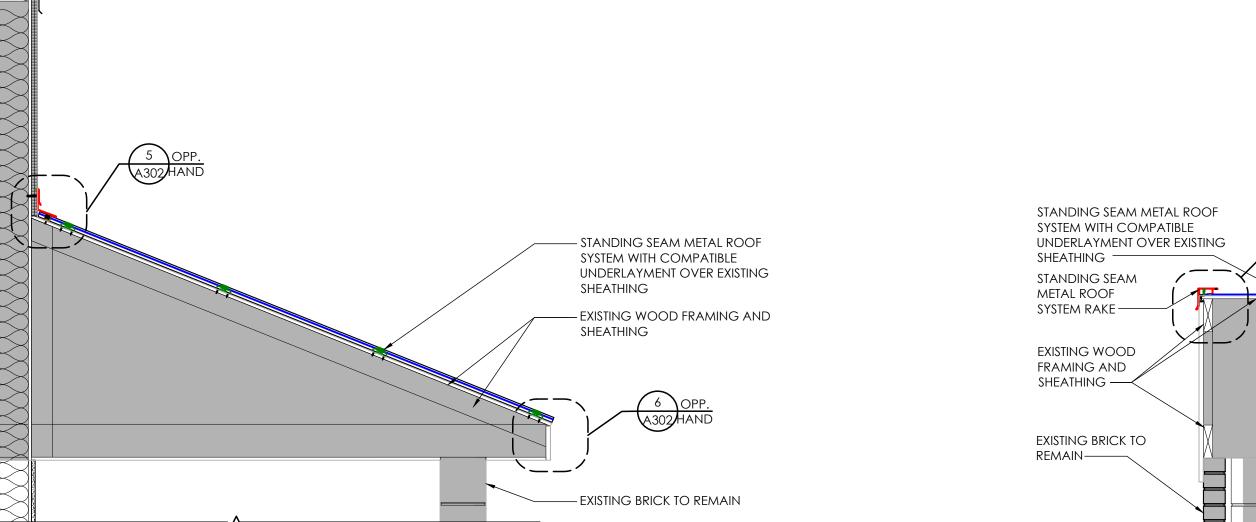
1/7/2022







Rake Detail



Wall Section - Existing Storage SCALE: 3/4" = 1'-0"

4 A302

Date: Issued: 1/7/2022 A | Issued for Permit 3/7/2022 Date Revisions:

PROJECT ARCHITECT/ENGINEER DATE M.HOCHADEL

DATE

DATE

M.VERRASTRO

PROJECT LEAD

PROJECT DESIGNER

PROCTOR / WARREN

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Burger King Inc. Store # 5427 344 W. Trenton Ave. Morrisville, PA 19067 **Bucks County** 

Project Name & Location:

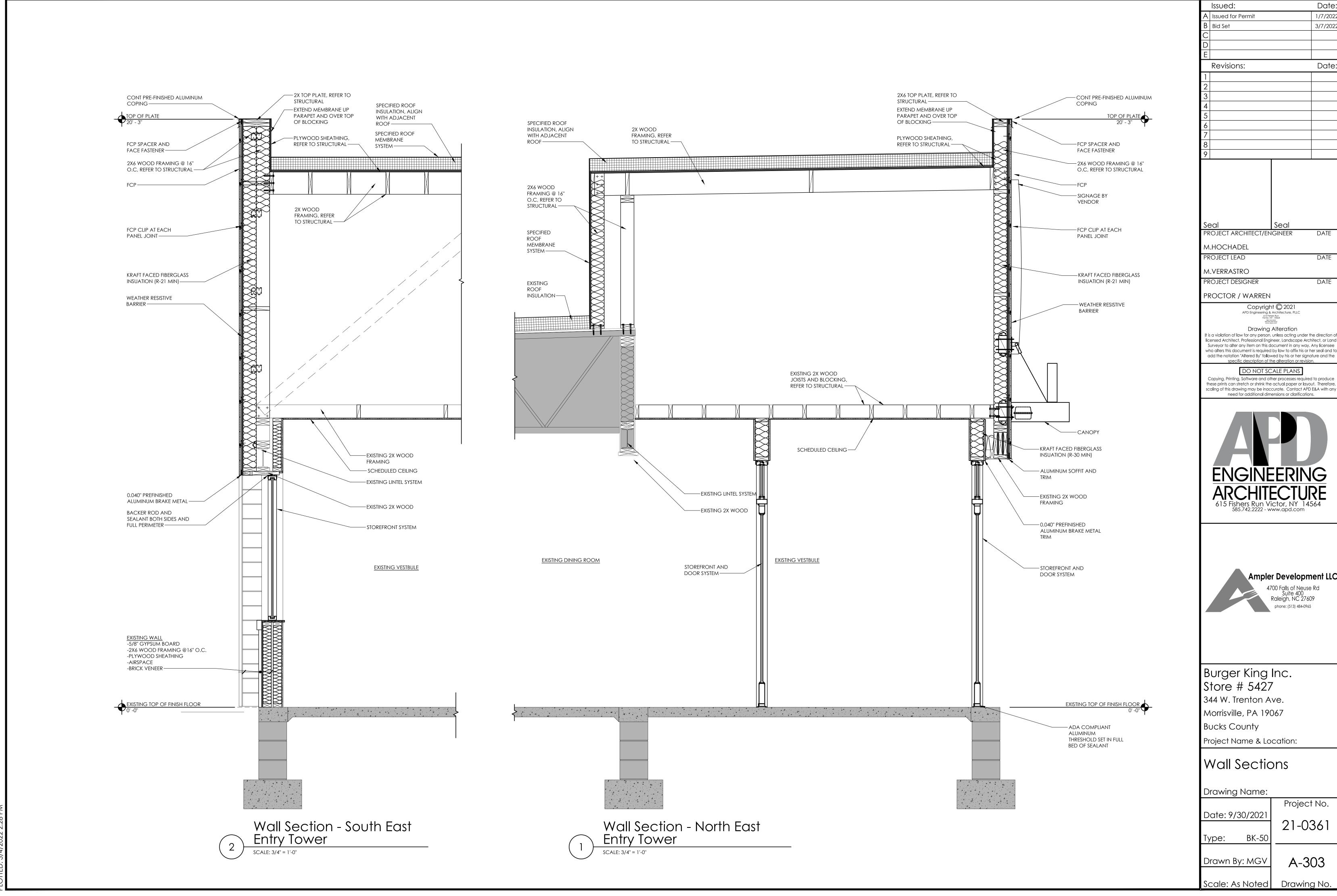
Wall Sections

Drawing Name:

Project No. Date: 9/30/2021 21-0361 Type: BK-50

A-302 Drawn By: MGV

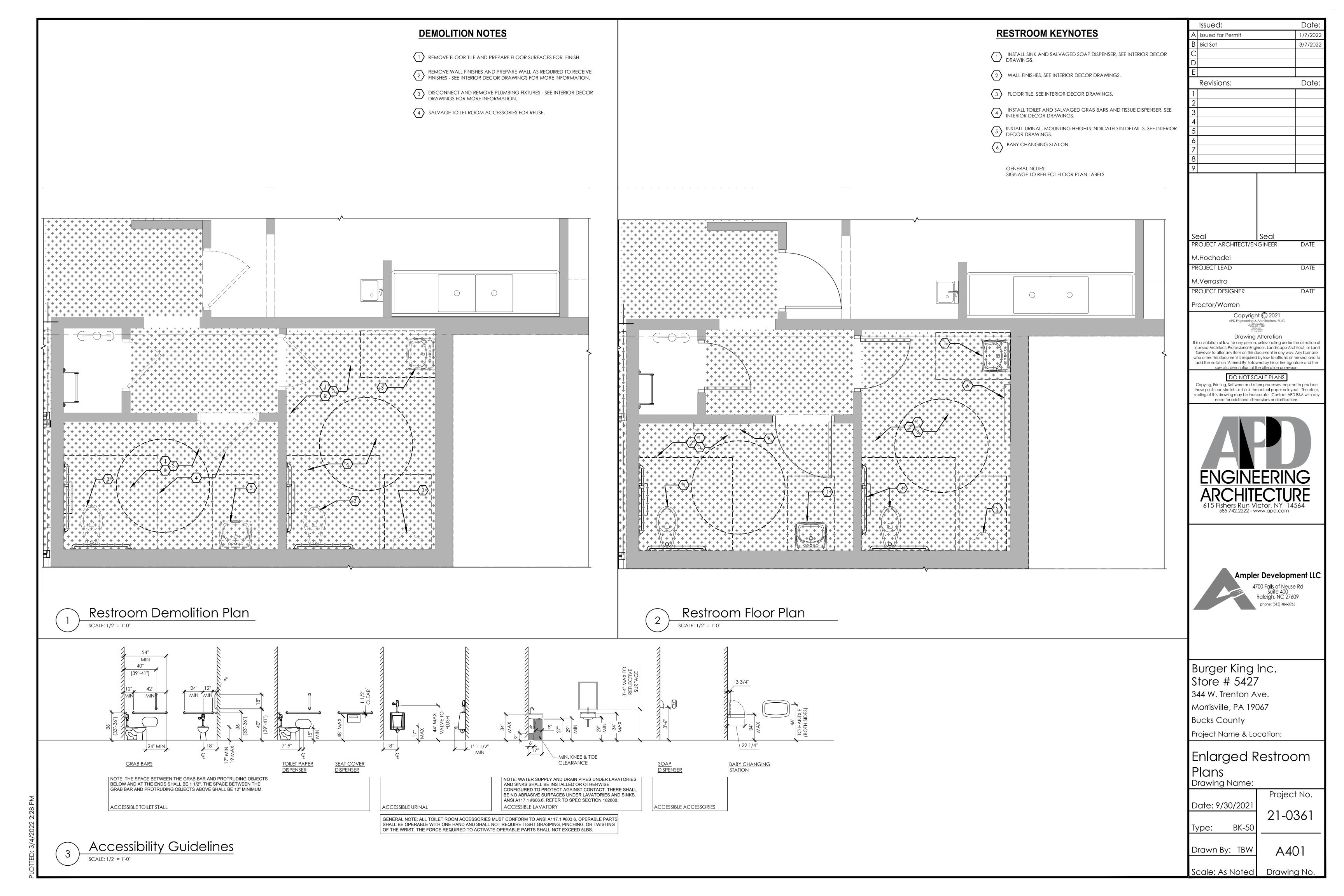
Drawing No. Scale: As Noted

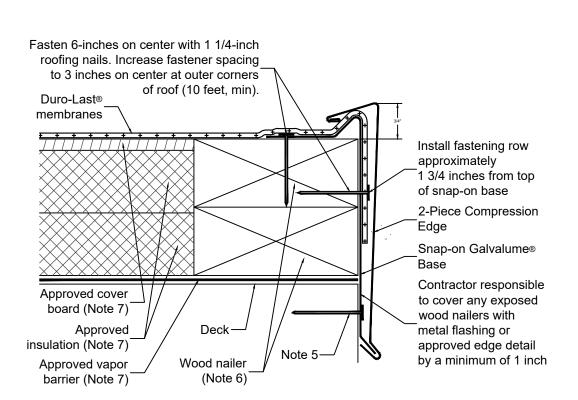


Date: 1/7/2022 3/7/2022 Date

these prints can stretch or shrink the actual paper or layout. Therefore, scaling of this drawing may be inaccurate. Contact APD E&A with any







#### Note 1: This detail is limited to membrane thicknesses of 60 mils or less.

Note 2: This detail may also be used on parapet walls.

building codes.

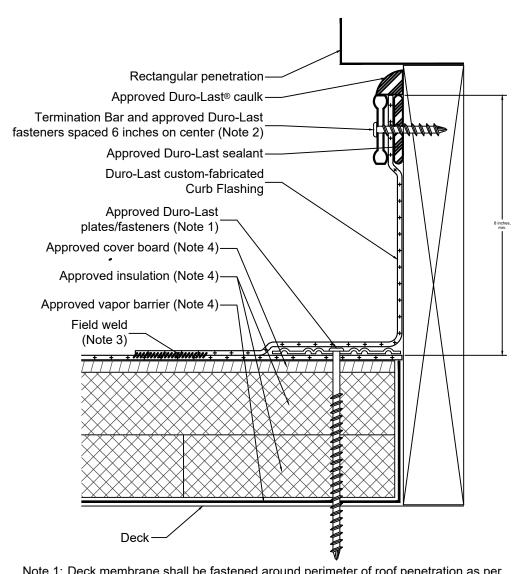
- Note 3: The use of this detail is not to exceed a 2-inch per 12-inch slope. Note 4: Allow for 1/8-inch expansion gap between 10-foot lengths of snap-on base.
- Overlap snap-on covers by 2 inches between 10-foot lengths. Note 5: When installing this detail with a 6-inch or greater vertical surface, an additional
- fastening row must be located approximately 1 1/8 inches from bottom of Note 6: Wood nailers must withstand a minimum force of 180 pounds per lineal foot (per building code). Any pull values greater than 270 pounds will allow for a fastener spacing of 18 inches on center. Pull values less than 270 pounds will require additional fasteners. The installing contractor is responsible for meeting
- Note 7: Refer to specifications for vapor barrier, insulation and cover board requirements.



1/2" PLYWOOD

STRUCTURAL -

SHEATHING, REFER TO

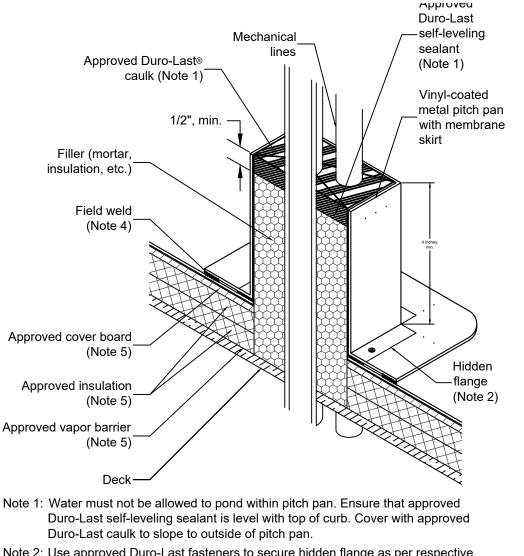


Note 1: Deck membrane shall be fastened around perimeter of roof penetration as per respective zone the roof access hatch is located within (field, perimeter, corner). Note 2: Termination Bar shall have an approved Duro-Last fastener within 1 inch of each

Note 3: All field welds shall be a minimum of 1-1/2 inches wide. Note 4: Refer to specifications for vapor barrier, insulation and cover board requirements.

Rectangular Penetration

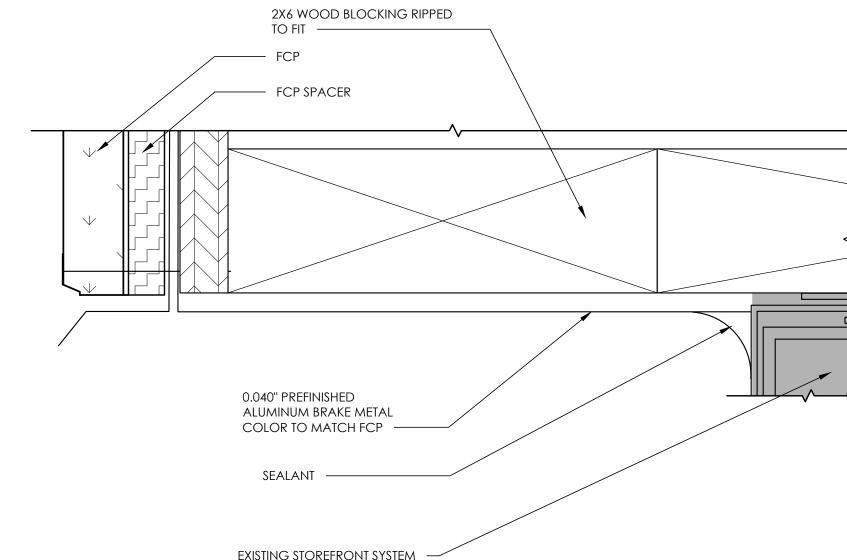
SCALE: NTS



Note 1: Water must not be allowed to pond within pitch pan. Ensure that approved Note 2: Use approved Duro-Last fasteners to secure hidden flange as per respective zone the pitch pan is located within (field, perimeter, corner). Note 3: Mechanical lines must have a minimum of 1/4-inch clearance between objects or

pitch pan edges. Note 4: All field welds shall be a minimum of 1-1/2 inches wide. Note 5: Refer to specifications for vapor barrier, insulation and cover board requirements.







EXISTING BRICK FACADE —

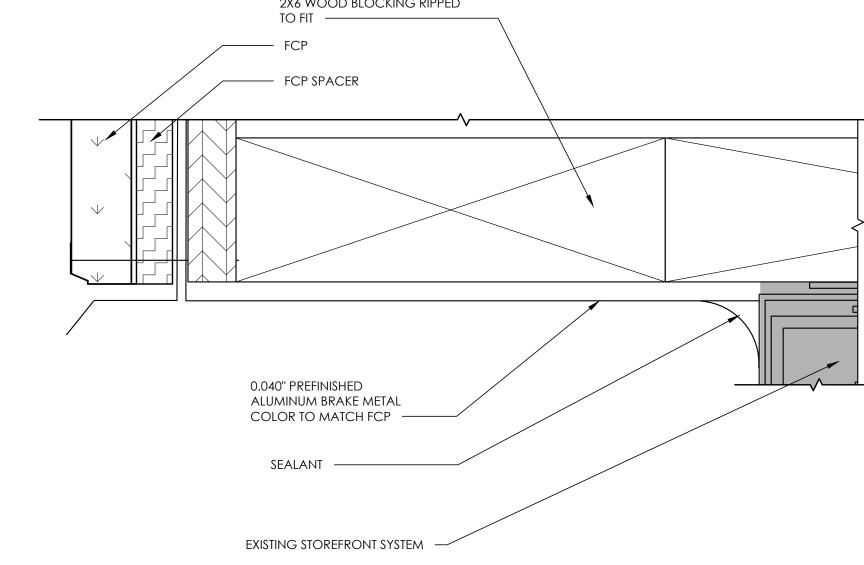
CUT EDGE OF

EXISTING BRICK —

BACKER ROD AND SEALANT ----

EXTEND EIFS OFF CUT END OF BRICK —

**EXISTING WALL** CONSTRUCTION —



- EXISTING BATT INSULATION

- INTERIOR WALL FINISH

EXISTING BATT INSULATION

— EXISTING FIRE RATED GYP

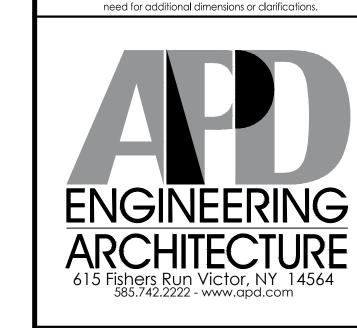
- EXISTING TONGUE AND

— EIFS, REFER TO EXTERIOR

**ELEVATIONS** 

GROOVE PANEL BOARD

SEE DECOR



PROJECT ARCHITECT/ENGINEER

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M.HOCHADEL

PROJECT LEAD

M.VERRASTRO

PROJECT DESIGNER

PROCTOR / WARREN

Date:

1/7/2022 3/7/2022

Date

DATE

DATE

Issued:

A | Issued for Permit

Revisions:



Burger King Inc. Store # 5427 344 W. Trenton Ave. Morrisville, PA 19067 Bucks County Project Name & Location:

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Det	αi	S

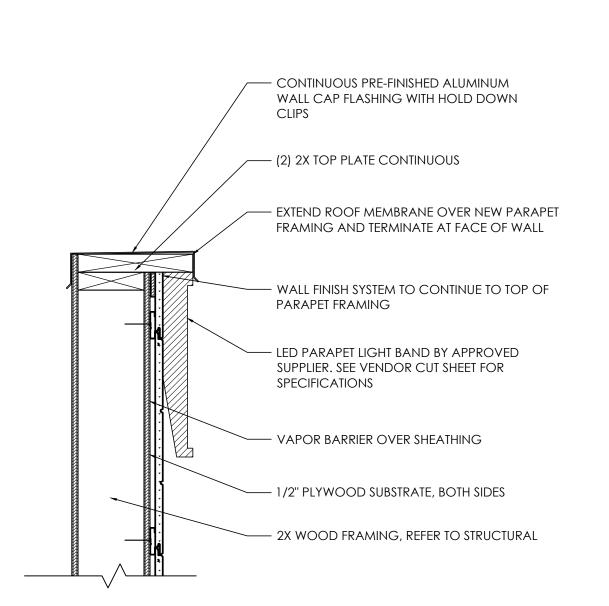
Drawing Name: Project No. Date: 9/30/2021 21-0361 BK-50 Type:

Drawing No.

Drawn By: MGV A-501

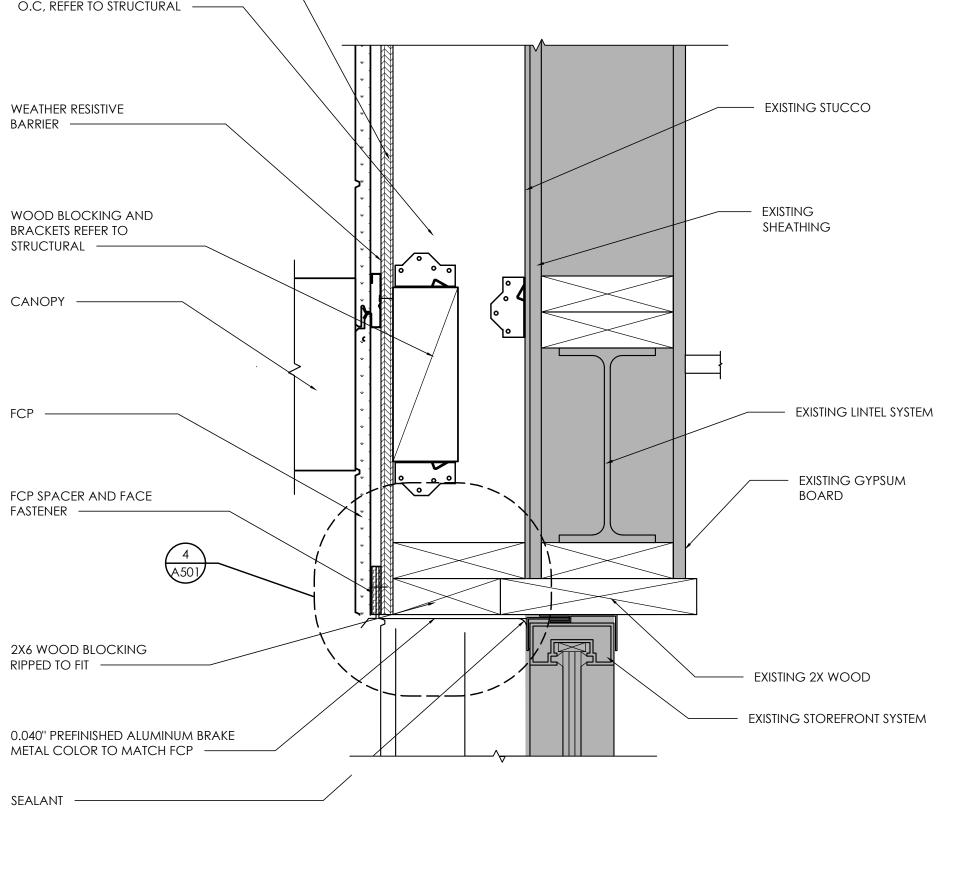
Scale: As Noted

2X6 WOOD FRAMING @ 16" O.C, REFER TO STRUCTURAL EXISTING STUCCO WEATHER RESISTIVE BARRIER **EXISTING** WOOD BLOCKING AND SHEATHING BRACKETS REFER TO STRUCTURAL CANOPY EXISTING LINTEL SYSTEM EXISTING GYPSUM FCP SPACER AND FACE BOARD 4 A501 2X6 WOOD BLOCKING RIPPED TO FIT EXISTING 2X WOOD EXISTING STOREFRONT SYSTEM 0.040" PREFINISHED ALUMINUM BRAKE

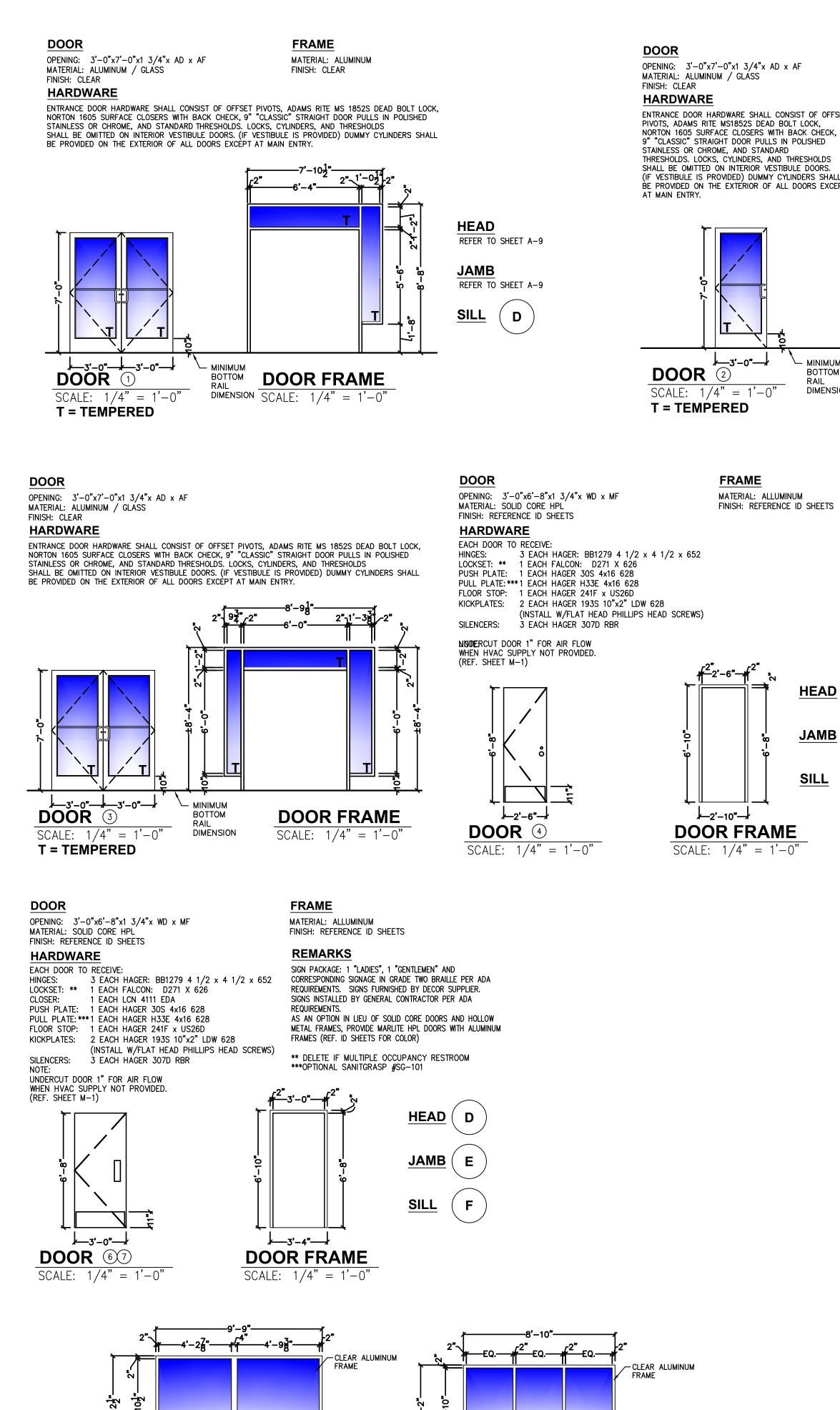


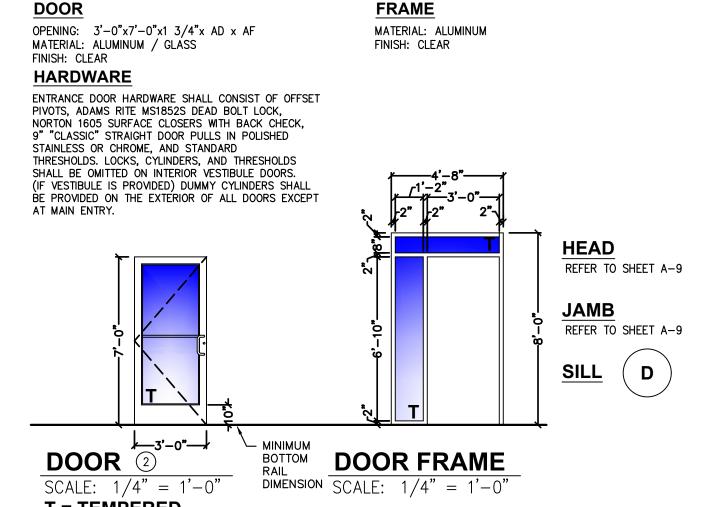
Parapet LED Band Detail Typical



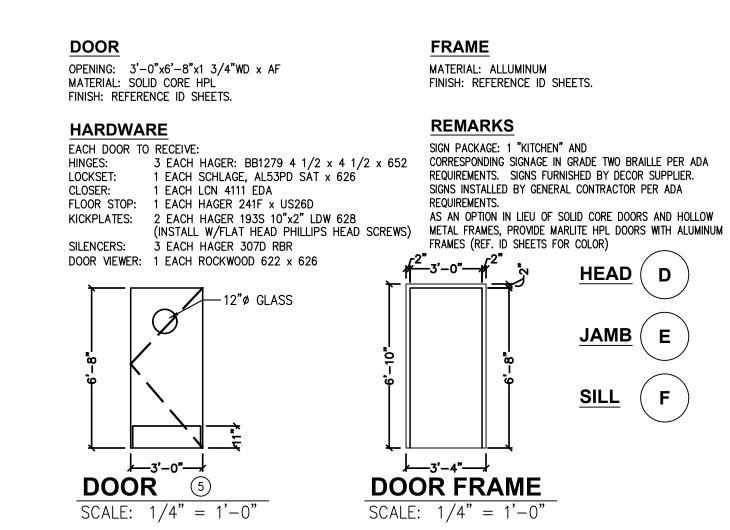


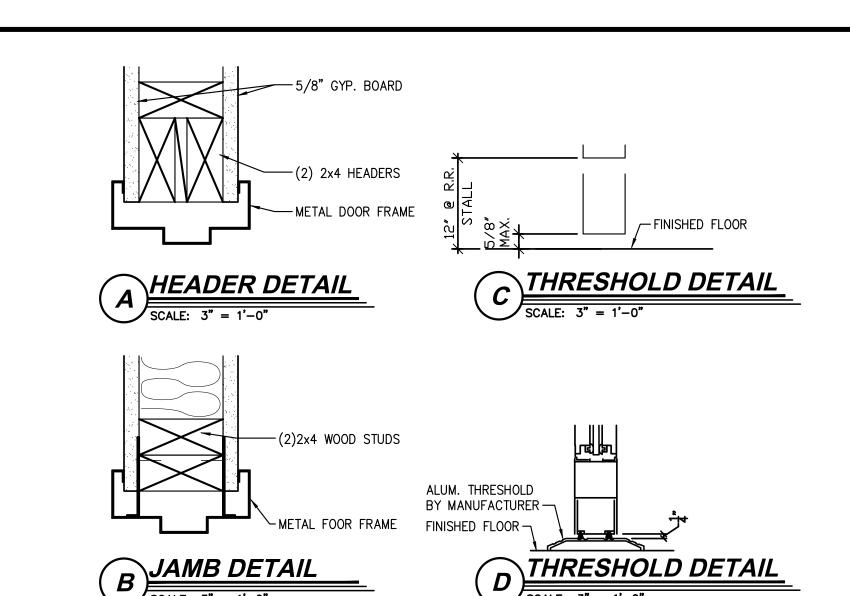
Window Head Detail





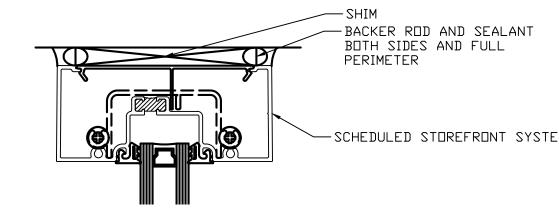
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AL409 AU530 B3010  ions and fi 4115 44251	as shown in  2LN  nish as shown  inish as shown  1-CUSH / 442IT	hardware s NO SUBST	ets.  ITUTIONS  /are sets.	
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BB500 AL405 AL405 B3010 and finish AL405 AU530 B3010 AU530 A	as shown in  2LN  nish as shown in  inish as shown in	wn in hardw	rare sets.	
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4115	1-CUSH / 4421T	wn in hardv	ware sets.	
4115	1-CUSH / 4421T	wn in hard	ware sets.	
44251	/ 442 I T			
8916	DST / 8956 DST	4425T / 442 I T		
	8916 DST / 8956 DST			
features, f	ınctins, size	and finish	as shown	
PUSH PLT 305	FL STOP 241F	WALL STOP 236	W VIEWER 1756	
70C	44 I CU	409	622	
1001-3	1211	1270WV	976U	
PULL PLT H33E  BF106 X 70C  1017-3x2 ½ PROJ.	PULL PLT H33E PUSH PLT 30S  BF106 X 70C 70C  1017-3x2 ½ PROJ. 1001-3	PULL PLT H33E PUSH PLT 30S FL STOP 241F BF106 X 70C 70C 441CU 1017-3x2 ½ PROJ. 1001-3 1211	BF106 X 70C 70C 441CU 409	
	70C 1001-3 • <b>provide fe</b>	70C 441CU 1001-3 1211	70C 441CU 409 1001-3 1211 1270wv  Provide features, functions, size	

Provide backer rod and sealant both sides for new storefront all 4 sides for installation.





#### **EXTERIOR ELEVATION NOTES:**

- 1. STOREFRONT SHALL BE THERMALLY BROKEN AND CENTER SET.
- EXISTING STOREFRONT IS 2" X 4 1/2"
- 2. NEW STOREFRONT COLOR TO MATCH EXISTING 3. INSTALL SAFETY GLAZING WHERE INDICATED OR REQUIRED BY CODE,
- SAFETY GLAZING SHALL COMPLY WITH CPSC 16 CFR PART 1201. 4. EXTERIOR GLAZING SHALL BE INSULATED FULLY TEMPERED WITH LOW-E
- COATING ON SURFACE 2 OR 3.
- 5. PROVIDE SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION

	Issued:		Date:
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M	.HOCHADEL		
PR	OJECT LEAD		DATE
М	.VERRASTRO		
PR	OJECT DESIGNER		DATE
PF	ROCTOR / WARREN		

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Burger King Inc. Store # 5427

344 W. Trenton Ave.

Morrisville, PA 19067

**Bucks County** 

Project Name & Location:

Windows and Door Schedule Drawing Name:

Date: 9/30/2021 21-0361 BK-50 Type:

Project No.

Drawn By: MGV A-601

Drawing No. Scale: As Noted

WINDOW (A)
SCALE: 1/4" = 1'-0"

 $\frac{\text{WINDOW}}{\text{SCALE: } 1/4" = 1'-0"}$ 

	Thi	is list is intended to assist the contractor in sourcing building m		ORY OF MANUFACTURERS AND Sterials and products may be purchased directly from these sources		oved manufacturers, see plans and specifications, and visit RSI's el	Redbook.			Issued:  A Issued for Permit	1/7
DIVISION 4 - MASONRY	EVOLUTION PRICE	DIVISION 9 - FINISHES		DIVISION 15 - MECHANICAL	EVEDDING INC	EQUIPMENT, PLAYGROUNDS AND DÉCOR	STRATACACUE	DMCUSALIC		B Bid Set	3/7/
PINE HALL BRICK CO. (THIN BRICK & FACE BRICK) 2701 SHOREFAIR DRIVE, NW	EVOLUTION BRICK (THINK BRICK, PANELIZED THIN BRICK & FACE BRICK) 126 OLD HIGHWAY 60 EAST			RINNAI   (INSTANT WATER HEATERS)   RINNAI NATIONAL ACCOUNT PRICING THROUGH HAINES.	EVERPURE, INC (WATER FILTERS) 1040 MUIRFIELD DRIVE	SICOM (XENIAL)   (POS, IDMB&ODMB HARDWARE/SOFTWARE, SPEED OF   SERVICE TIMER, KITCHEN MINDER -CHEF)	STRATACACHE (CONTROLLERS FOR INTERIOR MENU BOARDS AND OUTDOOR DIGITAL MENU BOARDS)	BMC USA LLC (INTERIOR & EXTERIOR DÉCOR) 2655 SOUTH LE JEUNE ROAD, SUITE 905		D	
WINSTON-SALEM, NC 27105 THERESA BEANE: (800) 334-8689	HARDINSBURG, KY 40143 GABE POWERS: (502) 558-4612		H SCHEDULES FOUND IN THE "COMMON DOCUMENTS" SECTIO	JONES. & CADBURY	HANOVER PARK, IL. 60133 SEAN TEAL 630-306-0296	4434 MEADOW DRIVE DOYLESTOWN, PA, 18901	40 North Main Street Dayton Ohio 45423	CORAL GABLES, FL 33134  EMILIO MARTINEZ FERNÁNDEZ		E	
BEANE@PINEHALLBRICK.COM	gabe@evolutionbrick.com	OF THE WWW.DESIG	GNWITHBK.COM WEBSITE.		sean.teal@pentair.com	bksales@sicom.com  MICHAEL SCHWARTZ 215-489-2500 EXT 2249	KEVIN FENTON (678)427-3139 kfenton@stratacache.com	emiliomartinez@bmcec.com		Revisions:	Da
						michael.schwartz@xenial.com				1 2	
HC MUDDOX BRICK CO. (FACE BRICK)	BORAL STONE (MANUFACTURED STACKED STONE)	ARMSTRONG STRATEGIC ACCOUNTS (CEILING TILE)	USG INTERIORS (CEILING TILE)	RHEEM (WATER HEATERS)	SELECTO SCIENTIFIC, INC (WATER FILTERS)	Samsung/LSI (INTERIOR & OUTDOOR DIGITAL MENU BOARD SCREENS)	PANASONIC (DRIVE THRU HEADSETS)	CASABLANCA DESIGN GROUP		3	
875 BRADSHAW ROAD ACRAMENTO, CA 95827	1370 GRAND AVENUE, SUITE B SAN MARCOS, CA 92078	CHERYL SMITH 252-214-4426 cbsmith@armstrongceilings.com	JOHN FUNES 312.436.5841 JFUNES@USG.COM	RHEEM NATIONAL ACCOUNT PRICING THROUGH HAINES, JONES, & CADBURY	3980 LAKEFIELD COURT SUWANEE, GA. 30024	10000 ALLIANCE ROAD CINCINNATI, OH 45242	2 RIVERVIEW PLAZA, 6TH FLOOR NEWARK, NJ 07102	811 PICKENS INDUSTRIAL DRIVE MARIETTA, GA 30026		4	
ERIN LYNCH 916-206-7831	SUSAN KING (413) 207-7285 Susan.King@boral.com	OR ARMSTRONG STRATEGIC ACCOUNTS (800) 442-4212	NOTE: USE PROGRAM QUOTE # 00103139 TO	bk@hjcinc.com OR 800-459-7099	CUSTOMER SERVICE (800)635-4017 x3	DAVID WATFORD 850-826-4602 d.watford@sea.samsung.com	THERESA MURPHY 201-492-0925 theresa.murphy@us.panasonic.com	JOHN HARRISON 770-423-9575 John.Harrison@cdg.com		5	
	culturedstone@boral.com	armstrongcsa@armstrongceilings.com	RECEIVE NATIONAL BKC PRICING			u.wattoru@sea.samsung.com	theresa.marphy@us.panasonic.com	John. Harrison@ cug.com		7	
										8	
ADDISON STEEL  (STRUCTURAL STEEL)	DIVISION 6 - WOODS, COMPOSITES  REDBUILT TRUSSES	BOBRICK/KOALA KARE PRODUCTS  (ISSTROOM ACCESSORIES TO LET DARTITIONS &	SPROVERI'S CUSTOM COUNTERS	3M FOOD SERVICE (WATER FILTERS) 3M CENTER	ANTUNES (WATER FILTERS)	LG ELECTRONICS (INTERIOR & OUTDOOR DIGITAL MENU BOARD SCREENS)	3M FOOD SERVICE BUSINESS (DRIVE THRU HEADSETS)	CHARTER HOUSE INC. (INTERIOR & EXTERIOR DÉCOR)		9	
(STRUCTURAL STEEL) ADDISON, IL 256-747-1554	(PRE-FABRICATED ENGINEERED TRUSSES) Delaware, OH 43015 JARVIS JACKSON 740-368-4229	(RESTROOM ACCESSORIES, TOILET PARTITIONS & HARDWARE, BABY CHANGING TABLES & HIGHCHAIRS)	(CORIAN VANITY SINKS) 55 LAURA DRIVE ADDISON, IL 60101	BLDG. 223-2N-20 ST. PAUL, MN. 55144-1000	180 KEHOE BOULEVARD CAROL STREAM, IL 60188 SUSAN SUTTER 630-784-3447	2000 MILLBROOK DRIVE LINCOLNSHIRE, IL 60069 MICHAEL HA 847-941-8855	3M CENTER BLDG. 223-2N-20 ST. PAUL, MN. 55144-1000	4660 136 AVENUE HOLLAND, MI. 49424 800-314-7659			
230-747-1334	jjackson@redbuilt.com	HAINES, JONES, & CADBURY (HJC) RESTROOM REMODELS COMPANY	CONTACT: HAINES, JONES, & CADBURY (HJC)	DAVID RADCLIFF 518-281-7754 dpradliff@mmm.com	susan.sutter@antunes.com	michael1.ha@lge.com	JOE CIAMPI: 704-771-2449 jjciampi@mmm.com	KEITH LEBERT 248-996-0315 keith.lebert@charter-house.com			
		HAMILTON PARKER	RESTROOM REMODELS COMPANY	foodservice@mmm.com			jj.ciampi@mmin.com	Rettillebel (@ charter-nouse.com			
DIVISION 7 - THERMAL MOISTURE PROTECTION		HAINES, JONES, AND CADBURY (HJC)	RESTROOM REMODELS COMPANY	ECOLAB	CARRIER CORPORATION	HM ELECTRONICS, INC (HME)	FRANKE	ELKAY SYSTEMS (FORMERLY ISI)			
DURO-LAST ROOFING FLAT ROOFING)	BASF CORPORATION (POLYURETHANE ROOFING SYSTEMS)	(RESTROOM PLUMBING & ACCESSORIES, TOLIET PARTITIONS, CORIAN SINKS, WATER HEATERS, HIGH	(RESTROOM PLUMBING & ACCESSORIES, CORIAN SINKS) 15 HAMMATT STREET	(WATER FILTERS) 1801 RIVERBEAND WEST DRIVE	(AIR CONDITIONING) 6304 CARRIER PARKWAY	(DRIVE THRU HEADSETS) 14110 STOWE DRIVE	(KITCHEN EQUIPMENT CONSOLIDATOR, SMALLWARES, HOODS)	(DECOR) 241 NORTH BROADWAY, SUITE 600		Seal Seal	
525 MORLEY DRIVE SAGINAW, MI 48601	1703 CROSS POINT AVE HOUSTON, TX 77054	CHAIRS) 310 SW 24TH STREET	IPSWICH, MA 01938 Krislynn Maciel 978-525-0008	FORT WORTH, TX 76118 AL POWELL 816-206-2513	SYRACUSE, NY. 13221 KEN REVILLA 954-218-0070	POWAY, CA. 92064 STEVE LEE 858-848-3704	800 AVIATION PARKWAY SMYRNA, TN. 37086	MILWAUKEE, WI 53202 CHRISTINA GUTIERREZ 414.847.0709		PROJECT ARCHITECT/ENGINEER	r dat
nationalaccounts@duro-last.com 800-432-9331	ANDREW FOPPE (980) 218-1894 andrew.foppe@basf.com	BENTONVILLE, AR 72712 bk@hjcinc.com OR 800-459-7099	kris@restroomremodels.com	al.powell@ecolab.com	Ken.revilla@carriercom	SLee@hme.com	CUSTOMER SERVICE: 800-877-5178 fs-bkparts.us@franke.com	christina.gutierrez@elkay.com		M.HOCHADEL	
							JOHN EDMONDS 615-267-1563 john.edmonds@franke.com			PROJECT LEAD	DAT
BERRIDGE ROOFING (METAL ROOF)	TAMKO ROOFING PRODUCTS (FLAT ROOFING)	AMERICAN STANDARD (RESTROOM ACCESSORIES)	HAMILTON PARKER COMPANY (RESTROOM PLUMBING & ACCESSORIES, HIGH CHAIRS)	TRANE (AIR CONDITIONING UNITS, RTU's/SPLIT SYSTEMS	LOREN COOK CO (EXHAUST FANS)	QUALSERV SOLUTIONS (KITCHEN EQUIPMENT CONSOLIDATOR, SMALLWARES)	DUKE MANUFACTURING (BROILERS & PRODUCT HOLDING UNITS)	FCC COMMERCIAL FURNITURE (INTERIOR & EXTERIOR DÉCOR)		M.VERRASTRO PROJECT DESIGNER	DAT
TYLER HALL SAN ANTONIO, TX.	P.O. BOX 1404 JOPLIN, MO. 64802	1 CENTENNIAL AVENUE PISCATAWAY, NJ. 08854	1865 LEONARD AVENUE COLUMBUS, OH 43219	CONTROLS)  2884 CORPORATE WAY	2015 E. DALE   SPRINGFIELD, MO 65803-4637	7400 SOUTH 28th STREET FORT SMITH, AR. 72908	2305 NORTH BROADWAY ST. LOUIS MO. 63102	8452 OLD HWY. 99 NORTH ROSEBURG, OR. 97470			DAI
210-650-7047	800-641-4691	CONTACT: HAINES, JONES, & CADBURY (HJC)	JIM CAMPBELL 614-358-7806 jimcampbell@hamiltonparker.com	MIRAMAR, FL. 33025 CHRIS ST. JOHN 407-325-7123	BRENT FULLERTON 417-869-6474 bfullerton@lorencook.com	BRITTANY GOODWIN (479)646-8386 x335 BGoodwin@qualservsolutions.com	RICK GARRIGA 306-606-2084 rgarriga@dukemfg.com	PRESTON O'HARA 800-322-7328 EXT 284		PROCTOR / WARREN  Copyright © 202	21
		RESTROOM REMODELS COMPANY HAMILTON PARKER	J	bkhvac@trane.com	S.E.E. Sing of checokicom	qualici violationii.com		preston.ohara@fccfurn.com		APD Engineering & Architecture 415 fishers Run Victor, NY 14564	
FIRESTONE METAL PRODUCTS	G.A.F.	SAN JAMAR	WORLD DRYER, CO	FRANKE, INC.	AMEREX CORPORATION	H & K INTERNATIONAL	NIECO CORPORATION	FACILITY CONCEPTS, INC (FCI)		Drawing Alteration	
(METAL ROOF) 250 WEST 96TH STREET	(FLAT ROOF) 1361 ALPS ROAD	(KITCHEN PAPER TOWEL DISPENSORS & SUPPLIES) 555 KOOPMAN LANE	(HAND DRYERS) CONTACT:	(BROILER AND FRYER VENTILATION HOODS) 800 AVIATION PARKWAY	(FIRE PROTECTION SYSTEMS) 7595 GADSDEN HIGHWAY	(KITCHEN EQUIPMENT CONSOLIDATOR, SMALLWARES, HOODS)	(BROILERS) 7950 CAMERON DRIVE	(DECOR)  7676 ZIONSVILLE ROAD		It is a violation of law for any person, unless acti licensed Architect, Professional Engineer, Land Surveyor to alter any item on this document in	dscape Architect, or L
INDIANAPOLIS, IN 46260 YUSUKE KOREEDA: 615-345-9991	WAYNE, NJ. 07470 (201) 628-3000	ELKHORN, WI. CONTACT:	HAINES, JONES, & CADBURY (HJC) RESTROOM REMODELS COMPANY	SMYRNA, TN 37086 800-877-5718	TRUSSVILLE, AL 35173-0081  JAMES KNOWLES 205-655-5721	2200 SKYLINE DR DALLAS, TX 75223	WINDSOR, CA 95492 GUIDO NAVA 630-303-6824	INDIANAPOLIS, IN 46268 (800)915-8890		who alters this document is required by law to add the notation "Altered By" followed by his	affix his or her seal ar or her signature and
koreedayusuke@firestonebp.com	800-766-3411	FRANKE, INC. H&K INTERNATIONAL	HAMILTON PARKER	fs-bkparts.us@franke.com	james.knowles@amerex-fire.com	HEATHER VALVERDE 561-626-1020 heather.valverde@hki.com	gnava@nieco.com	customerservice@fcius.com  KEN WEAVER		specific description of the alteration	on or revision.
		QUALSERV SOLUTIONS			www.amerex-me.com	Heather.varverde@fiki.com		kweaver@fcius.com		DO NOT SCALE PLA Copying, Printing, Software and other process	sses required to produ
NICHIHA USA LLC		H&K INTERNATIONAL	ZURN INDUSTRIES	H&K INTERNATIONAL	GAYLORD INDUSTRIES, INC	TRIMARK USA	PITCO FRIALATOR	SEATING CONCEPTS		these prints can stretch or shrink the actual pa scaling of this drawing may be inaccurate. Co need for additional dimensions or	ontact APD E&A with
(FIBERCEMENT PANELS) 6465 EAST JOHNS CROSSING, SUITE 250		(STAINLESS STEEL BATHROOM SINKS) 2200 SKYLINE DRIVE	(PLUMBING FIXTURES)	(BROILER AND FRYER VENTILATION HOODS)  2200 SKYLINE DRIVE	(BROILER AND FRYER VENTILATION HOODS)	(KITCHEN EQUIPMENT CONSOLIDATOR, SMALLWARES FOR AAFES ORDERS ONLY)	(FRYERS)  10 FERRY STREET	(DECOR) 125 CONNELL STREET			
JOHNS CREEK, GA 30097 NICHIHA CUSTOMER SERVICE (770) 805-9466		MESQUITE, TX 75149 HEATHER VALVERDE 214-818-3521	HAINES, JONES, AND CADBURY  or RESTROOM REMODELS COMPANY	MESQUITE, TX 75149 HEATHER VALVERDE 214-818-3521	TUALATIN, OR, 97062  ROB CARMICHAEL 770-265-2562	2601 HOPE CHURCH ROAD WINSTON-SALEM, NC 27103	CONCORD, NH. 03301 MARK MCCABE: 603-230-5509	ROCKDALE, IL. 60436 (815)730-7980			
BK@NICHIHA.COM		heather.valverde@hki.com	O RESTROOM REMODELS COMPANY	heather.valverde@hki.com	Rob.Carmichael@gaylordventilation.com	BILLY HIGH 336-354-4262 billy.high@trimarkusa.com	MMcCabe@pitco.com	ZACH DEPYSSLER zdepyssler@seating-concepts.com			
		Customer 1st LLC	ECOLAB FOOD SAFETY SPECIALTIES INC, DBA DAYDOTS			FRYMASTER CORPORATION	LANCER CORP.	NAUTICAL FURNISHINGS, LLC			
		(SAFES) 8899 EAST DAILY ROAD, SUITE #51	(FIRST AID KITS) 201 EAST JOHN CARPENTER FREEWAY			(FRYERS) 8700 LINE AVE	(BEVERAGE SYSTEM) 6655 LANCER BLVD	(LIMITED DÉCOR ITEMS) 60 NW 60TH STREET			
		PEKIN, IN 47165 MIKE MARCOSA -877-768-9970	IRVING, TX 75062 ANNA MALHIS 800-321-3687			SHREVEPORT, LA 71106 JOAN SALAH 813-504-9262	SAN ANTONIO, TX. 78219 GREG EDWARDS: 817-692-5094	FT. LAUDERDALE, FL 33309 MICHAEL HOGLUND: 954-771-1100			
		mike@customer1stsafes.com	customercare@daydots.com			Joan.Salah@welbilt.com	greg.edwards@lancercorp.com	mhoglund@nauticalfurnishings.com		ENGINEER	KIING
DIVISION 8 - DOORS AND WINDOWS		DIVISION 10 - SIGNS & CANOPIES		DIVISION 16 - ELECTRICAL		FBD PARTNERSHIP, LP	CORNELIUS, INC.	COMMERCIAL INTERIOR MANUFACTURERS, INC		ARCHITEC	TURF
QUIKSERV (DRIVE-THRU WINDOWS & AIR CURTAINS)	MARLITE (RESTROOM PARTITIONS, ALUMINUM FRAMES & DOORS,	ALLEN INDUSTRIES, INC (CANOPIES AND SIGNS)	LEKTRON, INC (LED PARAPET LIGHT BANDS)	SECURITY LIGHTING SYSTEMS (FULL STORE PACKAGE LIGHTING FOR INTERIOR/EXTERIOR	HERMITAGE LIGHTING NATIONAL ACCOUNTS (MASTER LIGHTING CONSOLIDATOR, SURVEYS AND	(FROZEN BEVERAGE) 8161 INTERCHANGE PARKWAY SUITE 115	(BEVERAGE SYSTEM) 101 BROADWAY STREET WEST	(LIMITED DÉCOR ITEMS) 158 HOLLY STREET		615 Fishers Run Victor, N 585.742.2222 - www.apo	NY 14564
11441 BRITTMOORE PARK DRIVE HOUSTON, TX. 77041	DOOR HARDWARE, (HINGES, LOCKS, ETC) 202 HARGER STREET	11351 49TH STREET NORTH CLEARWATER, FL 33762	4111 S. 74th E. Ave. TULSA, OK. 74145	BUILDING & SITE LIGHTS, SURVEYS AND PHOTOMETRICS) 2100 GOLF ROAD, SUITE 460	PHOTOMETRICS) 3640 TROUSDALE DRIVE	SAN ANTONIO, TX 78218 JOE CLEMENTS 214-732-9555	OSSEO, MN 55369 ROSS DAVIS: 630-659-8690	JASPER, GA. 30143 AUSTIN HOLAN 706.299.0327		300:7 42.2222 WWW.apo	3.00111
800-388-8307 BRIAN MCCLOSKEY	DOVER, NH 44622 800-377-1221	MEGAN PYRTLE 336-615-8688 bk@allenindustries.com	ERIC PYLE 918-622-4978 BurgerKing@LektronInc.com	ROLLING MEADOWS, IL. 60008 WHITNEY WATSON: 800-544-4848 EXT 131	NASHVILLE, TN. 37204 WYATT CULVER (615) 843-3379	jclements@fbdfrozen.com	ross.davis@cornelius.com	austin@cimgbiz.com			
bmccloskey@quikserv.com	ANITA CRAIG 330-260-7621 acraig@Marlite.com			wilg@securitylighting.com	wculver@gohermitage.com						
READY ACCESS	COMMERCIAL INTERIORS MANUFACTURING	ENTERA SIGNS	CUMMINGS SIGNS, INC	LSI INDUSTRIES INC.	ENERGYWISE SOULUTIONS, LLC	INTERNATIONAL COLD STORAGE (ICS)	TAYLOR ULTIMATE SERVICES, INC	TWENTY FOUR 7 GLOBAL SOLUTIONS, INC.	c/		
(DRIVE THRU WINDOWS & AIR CURTAINS)  1815 ARTHUR DRIVE WEST	(RESTROOM PARTITIONS, HOLLOW METAL FRAMES & DOORS, HARDWARE (HINGES, LOCKS, ETC)	(CANOPIES AND SIGNS) 1200 ENTERA DRIVE	(CANOPIES AND SIGNS)  105 DALTON PLACE WAY	(INTERIOR AND EXTERIOR LIGHTING, SURVEYS AND PHOTOMETRICS)	(MASTER LIGHTING CONSOLIDATOR, SURVEYS AND PHOTOMETRICS)	(WALK-IN COOLERS / FREEZERS, DRY STORAGE COMPARTMENTS)	(SHAKE MACHINE, FROZEN BEVERAGE MACHINE) 1780 NORTH COMMERCE PKWY	(GARDEN GRILL, PRIME & ROYAL CHAIRS AND BARSTOOLS 898 NORTH SEPULVEDA BLVD, SUITE 465	2)	<b>A</b>	
CHICAGO, IL. 60185 KELLY MCGOLDRICK: 800-621-5045 EXT 113	JASPER, GA 30143	PANAMA CITY, FL. 32401  MATT CZAJKOWSKI 850-691-9652	KNOXVILLE, TN 37912  JOEL EFFLER 615-872-5483	10000 ALLIANCE ROAD CINCINNATI, OH. 45242	8550 UNITED PLAZA BOULEVARD, SUITE 702 BATON ROUGE, LA 70809	215 EAST 13th STREET ANDOVER, KS. 67002	WESTON, FL. 33326 RJ PIEDRA: 954-217-9100	EL SEGUNDO, CA 90245 GIANNE WON 323-319-2727		Ampler Deve	•
kelly@ready-access.com	AUSTIN HOLAN: 706.299.0327 austin@cimgbiz.com	matt.czajkowski@enterabranding.com	joel.effler@cummingssigns.com	BOB LUCAS 480-368-9399 OR 602-740-9894 Bob.Lucas@LSI-INDUSTRIES.com	JENNIFER WADDICK 877-225-1336 jennifer@energywisemail.com	LYNNE CLATTERBUCK 316-218-4126 Lynne.clatterbuck@icsco.com	raul@taylorus.com	gianne.won@twentyfour7-global.com		4700 Falls Suit	of Neuse Rd te 400 , NC 27609
											, NC 2/609 513) 484-0965
HAMILTON PARKER COMPANY (HOLLOW METAL FRAMES & DOORS, WOOD DOORS,	3M COMMERCIAL CORE DIVISION (WINDOW FILM)	SIGN RESOURCE (CANOPIES AND SIGNS)	FEDERAL HEATH SIGN CO (CANOPIES AND SIGNS)	CREE LIGHTING (INTERIOR AND EXTERIOR LIGHTING, SURVEYS AND	VAOPTO, LLC (INTERIOR AND EXTERIOR BUILDING LIGHTING)	MANITOWOC ICE (ICE MACHINES)	KOLPAK, A WELBILT COMPANY (WALK-IN COOLERS / FREEZERS)	WAUSAU TILE, INC (EXTERIOR DÉCOR FURNITURE & ACCESSORIES)			
HARDWARE (HINGES, LOCKS, ETC)  1865 LEONARD AVENUE	3M CENTER ST. PAUL, MN	6135 DISTRICT BLVD. MAYWOOD, CA. 90270	12704 DUPONT CIRCLE TAMPA FL 33626	PHOTOMETRICS)  9201 WASHINGTON AVENUE	5178 WEST PATRICK LANE LAS VEGAS, NV 89188	2110 SOUTH 26TH STREET MANITOWOC, WI 54221	952 KISSWICH MANOR LANE BALDWIN, MO 63011	P.O. BOX 1520 WAUSAU, WI 54402			
COLUMBUS, OH 43219 JIM CAMPBELL 614-358-7806	JOE CIAMPI: 704-771-2449 OR 800-328-0033	KEN SIEGERT 810-241-0272 ken.siegert@signresource.com	FIONA PAUL 813-855-4415 fpaul@federalheath.com	RACINE, WI 53406 ELVIR SULJIC 262-884-3332	Linda Xu (702)517-5789 linda@vaopto.com	JOAN SALAH 813-504-9262 Joan.Salah@welbilt.com	JOAN SALAH 813-504-9262 Joan.Salah@welbilt.com	RACHEL BATHKE 715-241-0320 RRBathke@wausautile.com			
jimcampbell@hamiltonparker.com	, , , , , , , , , , , , , , , , , , ,			esuljic@creelighting.com		Total and the second					
FINGERSAFE USA, INC.		DAKTRONICS, INC	OPTEC DISPLAYS, INC	KONTECHUSA	HILL PHOENIX POWER SYSTEMS DIVISION	HOSHIZAKI AMERICA	SCOTSMAN ICE SYSTEMS	APA COLOR GRAPHICS	-	Burger King Inc.	
(FINGER IN JAMB SAFETY - PLAYGROUNDS) 115 WEST OGLETHORPE AVENUE		(DIGITAL READERBOARD) 210 DAKTRONICS DRIVE	(DIGITAL READERBOARD) 1700 SOUTH DESOTO PLACE	(INTERIOR AND EXTERIOR BUILDING LIGHTING) 18045 ROLAND STREET	(FACTORY INTEGRATED SWITCH GEAR) 8166 INDUSTRIAL BLVD	(ICE MACHINES) 618 HIGHWAY 74 SOUTH	(ICE MACHINES) 775 CORPORATE WOODS PARKWAY	(LIMITED DECOR ITEMS & GRAPHICS) 2929 PACIFIC DRIVE		Store # 5427	•
SAVANNAH, GA 31401 orders@fingersafe.com		BROOKINGS, SD 57006 GREG BREYFOGLE 407-310-3695	ONTARIO, CA 91768 Chad Engstrom (626)252-8333	CITY OF INDUSTRY, CA 91748 (866) 236-8701	COVINGTON, GA. 30014 dfr-info@doverfoodretail.com 770-285-3264	PEACHTREE CITY, GA 30269 ANGIE WARREN (770)487-2331 x11329	VERNON HILLS, IL 60061 Evolution Team (800)726-8762 x15204		NORTH	3/1/N/ Tranton Ava	
MEAGAN KUJAWSKI 912-234-6120 Meagan@Fingersafe.com		Greg.Breyfogle@daktronics.com	cengstrom@optec.com	Miguel Martinez (626)622-1325 mmartinez@kontechusa.com		adwarren@hoshizaki.com	team.resolution@scotsman-ice.com	CHUCK BOGEL 404.355.1355 chuck@apacolorgraphics.com		344 W. Trenton Ave.	
		NRS - NATIONAL READERBOARD SUPPLY				PLAY SYSTEMS/SII (SUPERIOR PLAY SYSTEMS)	SOFT PLAY, LLC	VGS, INC		Morrisville, PA 19067	
		(READERBOARD LETTERS & SUPPLIES)  160 PAHLONE PARKWAY				(PLAYGROUND MANUFACTURER)  1050 COLUMBIA DR.	(PLAYGROUND MANUFACTURER, SAFETY SURFACING, NON- CONTAINED PLAY EQUIPMENT)			Bucks County	
		PONCHA SPRINGS, CO 81242 Patrick Case 800-243-6676				CARROLLTON, GA 30717 SHAN MCGUIRE 678-390-1915	13620 EAST REESE BLVD. SUITE 300 HUNTERSVILLE, NC. 28078	NORTH CANTON, OH 44709 BURGERKING@VGS-INC.COM		Project Name & Location	n:
		Sales@nationalreaderboard.com				https://superiorplay.com/	BROCK HODGE 704-948-3430	BURGERKING@VGS-INC.COM   (800)201-0301 x1		Directory of	
							brock.hodge@softplay.com			Manufacturers of	and
								LSI INDUSTRIES (GRAPHICS)		Suppliers	
								10000 ALLIANCE ROAD CINCINNATI, OH. 45242		Drawing Name:	
								BOB LUCAS 480-368-9399 OR 602-740-9894 Bob.Lucas@LSI-INDUSTRIES.com			roject No.
										Date: 9/30/2021	1 00/1
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								MOSS RETAIL AND ENVIRONMENTS (GRAPHICS)		Type: BK-50	
								2643 WEST CHICAGO AVE CHICAGO, IL 60622		Drawn By: MGV	Λ 7 <b>∩</b> 1
								bk@mossinc.com Scott Metzger 847.238.4245		DIGIVITIDY. IVIGV	A-701
								smetzger@mossinc.com		Scale: As Noted Dr	awing No
	11	<u>                                     </u>	1.1	11	1.1	1.1	11	1.1		■ JUGIU, / WINDIEU   DI'	MAAIII MILIA

Date: 1/7/2022 3/7/2022 Date:

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Scale: As Noted Drawing No.



## Burger King # 5427

\*B.K.C. APPROVED\*

THIS PROJECT HAS BEEN SUBMITTED AND APPROVED BY BURGER KING CORPORATE.

#### APPROVED DRAWINGS FOR CONSTRUCTION:

ITEMS PROVIDED AND/OR BUILT BY G.C. / INSTALLER / CUSTOMER ARE APPROVED TO BE ORDERED / BUILT PER THIS SET OF PLANS. TEMS BUILT / PROVIDED BY ECC COMMERCIAL FURNITURE SHOULD STILL E CONSIDERED PRELIMINARY UNTIL FINAL DRAWINGS ARE RELEASED



DESIGNED AND BUILT IN U.S.A.

#### **IMPORTANT**

DO NOT SCALE OFF PLANS. CONTACT FO

EASON SHALL NOT BE DONE WITHOUT CONSENT OMMERCIAL FURNITURE INC, IN ADVANCE, IN WR CC COMMERCIAL FURNITURE IS NOT RESPONSIBLE

HESE DOCUMENTS REFLECT SPECIFIC SEATING AND

BURGER

Burger King # 5427

344 W Trenton Av

Decor: Garden Grill

**Building Type: Custom** 

AMPLER DEVELOPMENT

WORK ORDER NUMBER:

Morrisville, PA

CUSTOMER

SHEET TITLE

**COVER PAGE** 

PROJECT

FINALS BY:

CLIENT:

LEGEND: REFER TO EACH SHEET FOR ALL NOTES OR CONTRACTOR

FCC COMMERCIAL FURNITURE, INC. T. 800.322.7328

DESIGN MANAGER: MICKEY HINES T. 800.322.7328 EXT. 210

DRAFTING MANAGER DAVID GALSTER T. 800.322.7328 EXT. 226

PROJECT COORDINATOR LISA GILLESPIE T. 800.322.7328 EXT. 270

SALESPERSON. RANDY MOF

#### PROJECT REVISIONS INITIAL Remove Trellis and smoothie surround, update graphics Λ and lighting Δ Δ Δ Δ

#### INDEX OF DRAWINGS:

SHEET D0.0 - COVER SHEET

CUSTOMER INFORMATION, GENERAL NOTES

SHEET D1.0 - SEATING LAYOUT

FURNITURE COMPONENT, SEATING CAPACITY SHEET D1.1 - PRELIMINARY METALWORK LAYOUT

DO NOT CORE DRILL FROM THIS PLAN

SHEET D2.0 THRU D2.3 - INTERIOR BUILDING ELEVATIONS INTERIOR WALL CONDITIONS AND FINISHES SHEET D3.0 THRU D3.1 - DECOR ELEVATIONS / DETAILS

FCC DECOR ITEMS SHEET D4.0 - REFLECTED CEILING PLAN

FOR REFERENCE ONLY, DECOR LIGHTING SHEET D5.0 - FLOOR TILE PLAN

MAIN & ACCENT FLOOR TILE LOCATION SHEET D6.0 - BUILDING FINISH LAYOUT

**BUILDING FINISH LOCATIONS** 

SHEET D7.0 - G.C. PLAN

GC BUILT ITEMS AND ELECTRICAL

SHEET D7.1 - WAY FINDING SIGNAGE SHEET D8.0 THRU D8.2 - DECOR SPECIFICATIONS

FCC FURNITURE ITEMS

SHEET D8.3 THRU D8.5 - FINISH SPECIFICATIONS INTERIOR BUILDING FINISH SPECIFICATIONS

SHEET D9.0 - VERIFICATION PLAN

NOTE: FILL OUT AND RETURN TO FCC

#### STANDARD STORES PROJECTS:

SEGMENTS OF SERVICES ARE AND SHALL REMAIN THE PROPERTY OF FCC COMMERCIAL FURNITURE WHETHER OR NOT THE PROJECT THESE DOCUMENTS. WERE PREPARED FOR IS COMPLETED OR EXECUTED. IF THE OWNER/CLIENT HAS COMPENSATED FCC COMMERCIAL FURNITURE UNDER SIGNED CONTRACT THE OWNER IS PERMITTED TO RETAIN COPIES OF THE DRAWINGS. SCHEDULES AND ALLOWED. LOSS, COSTS OR DAMAGES RELATING TO USE OR APPLICATION. THE OWNER/CLIENT MAY NOT USE THE DRAWINGS. SCHEDULES, SPECIFICATIONS PROVIDED HEREIN FOR ANY PROJECT OTHER THAN THE ORIGINAL PROJECT. FCC COMMERCIAL FURNITURE IS THE OWNER OF THE INTELLECTUAL PROPERTY PROVIDED AND RETAINS ALL STATUTORY AND COMMON LAW COPYRIGHTS. IF OWNER/CLIENT AND FCC COMMERCIAL FURNITURE TERMINATE THIS CONTRACT FOR DESIGN SERVICES. THE OWNER/CLIENT SHALL NO LONGER HAVE THE RIGHTS TO THE DRAWINGS, SCHEDULES, AND SPECIFICATIONS. THE OWNER/CLIENT MAY NOT PERMIT ANY THIRD PARTY TO USE SUCH DRAWINGS, SCHEDULES, AND SPECIFICATIONS FOR DESIGN SERVICES FOR FUTURE ADDITIONS OR ALTERATIONS TO THE PROJECT. THE DESIGN DEPICTED WITHIN THE CONTENTS CONTRACTOR OF ANY SLAB LESS THAN FIVE (5") INCHES THICK. OF THESE DRAWINGS MAY NOT BE USED BY THE OWNER TO SHOP FOR OTHER SEATING AND DECOR MANUFACTURES TO FULFILL THE INTENDED DESIGN. UNAUTHORIZED USE WILL RESULT IN PAYMENT FOR DESIGN SERVICES AT FCC COMMERCIAL FURNITURE'S STANDARD DESIGN RATE. ALL COMPUTER GENERATED IMAGERY, GRAPHICS, DRAWINGS AND ILLUSTRATIONS WITHIN THESE DOCUMENTS

THE OWNER/CLIENT AND GENERAL CONTRACTOR AGREE THAT ECC COMMERCIAL FURNITURE REPRESENTATIVES MAY VISIT THE SITE AT ANY POINT DURING CONSTRUCTION IN THE INTEREST OF COMPLETING FCC'S WORK.

THE OWNER/CLIENT'S GENERAL CONTRACTOR AGREES TO PROVIDE CONDITIONS CONDUCIVE TO COMPLETE INSTALLATION OF FCC'S WORK UPON DELIVERY OF SEATING AND DECOR ELEMENTS. THE GENERAL CONTRACTOR AGREES TO COOPERATE WITH FCC'S INSTALLATION CREWS IN THE INTEREST OF COMPLETION ANY PHYSICAL RESTRICTIONS THAT MAY IMPEDE THE COMPLETION OF THE SEATING AND DECOR PACKAGE.

· WRITTEN DIMENSIONS SUPERSEDE SCALED MEASUREMENTS IN ALL CASES. DO NOT SCALE OFF OF PLANS. FOR ADDITIONAL DIMENSIONS CALL FCC'S

FCC REQUIRES VERIFICATION OF FIELD DIMENSIONS FROM THE ARCHITECT / GENERAL CONTRACTOR FOR THE FABRICATION OF COMMERCIAL FURNITURE DECOR, CORE DRILL AND SEATING SPACE PLANS. WHEN FIELD DIMENSIONS CANNOT BE ATTAINED, SHIPMENTS MAY BE SUBJECT TO TIME DELAYS. THE GENERAL CONTRACTOR SHALL VERIEY ALL DIMENSIONS AND CONDITIONS ON SITE AND NOTIFY FCC COMMERCIAL FURNITURE OF ALL DISCREPANCIES PRIOR TO COMMENCING DECOR DESIGN.

THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR DISPOSAL OF ALL PACKAGING MATERIAL FROM SEATING AND DECOR PRODUCTS.

THE CREW ROOM AND VESTIBULE FINISHES TO BE THE SAME AS THE MAIN DINING ROOM, UNLESS OTHERWISE STATED BY THE OWNER OR NOTED ON PLANS AND IN THE SPECIFICATION BY FCC.

#### GENERAL FLOORING NOTES:

APPROPRIATE ALLOWANCES FOR NEW FINISH WORK.

FCC'S DECOR AND ELECTRICAL OR HVAC EQUIPMENT.

REBUILDS AND REMODEL PROJECTS:

- CASE OF REBUILDING OR REMODELING PROJECTS, ALL EXISTING SEATING,

DECOR, AND WALL FINISHES ARE TO BE PREPPED AND READY TO RECEIVE NEW

FINISHES BY THE OWNER AND/OR GENERAL CONTRACTOR, UNITESS OTHERWISE

- FLOOR AND BASE TILE MUST BE IN GOOD REPAIR BEFORE ANY CORE DRILLING IS

- ALL DIMENSIONS ARE FROM EXISTING FINISHES, UNLESS OTHERWISE NOTED, MAKE

CONTACT FCC'S CUSTOMER SERVICE MANAGERS FOR ANY CONFLICTS BETWEEN

- ALL FLOOR, SCHLUTER STRIP, AND COVE BASE TILE TO BE PROVIDED BY AND INSTALLED BY GENERAL CONTRACTOR, UNLESS OTHERWISE NOTED. FCC IS NOT LIABLE FOR CORED STEEL THAT MAY BECOME UNSTABLE AS A RESULT OF DRILLING THROUGH A CONCRETE SLAB. NOTIFY FCC. ARCHITECT, AND GENERAL

- FCC IS NOT RESPONSIBLE FOR DAMAGE OF ANY MECHANICAL ELEMENTS LOCATED IN THE FINISHED FLOOR.

- COVE BASE AND/OR BULLNOSE TILE ON FCC DIVIDER WALLS TO BE SUPPLIED AND INSTALLED BY THE GENERAL CONTRACTOR UNLESS OTHERWISE NOTED. -GENERAL CONTRACTOR IS RESPONSIBLE FOR SUPPLYING AND INSTALLING ALL REMAIN THE PROPERTY OF FCC COMMERCIAL FURNITURE. ALL RIGHTS RESERVED. BACK OF HOUSE TILE. REFER TO ARCHITECTURAL PLAN SET FOR FULL KITCHEN

#### GENERAL ELECTRICAL/HVAC/CEILING NOTES:

FCC LIGHTING PLANS ARE GUIDELINES ONLY. FCC WILL NOT BE HELD LIABLE FOR ADDITIONAL COSTS DUE TO ADJUSTING LIGHTING QUANTITIES OR LOCATIONS VARIATIONS WITH ARCHITECTURAL PLANS OR LOCAL CODES GENERAL CONTRACTOR TO SUPPLY AND CONNECT ELECTRICAL PIGTAILS AT ALL CODED LOCATIONS FOR FCC DECOR PRODUCTS.

ALL ELECTRICAL FIXTURES. WIRING AND INSTALLATION TO BE "U.L. APPROVED." LIGHTING FIXTURES AND/OR HVAC MAY NEED TO BE RELOCATED BY GENERAL CONTRACTOR TO ACCOMMODATE DECOR. REFER TO CEILING PLANS. GENERAL CONTRACTOR TO CONTACT CONSTRUCTION ENGINEER TO VERIFY ALL LIGHTING PLACEMENTS AND FINAL HVAC LOCATIONS.

#### **GENERAL WARRANTIES:**

LIMITED WARRANTY: FCC COMMERCIAL FURNITURE WARRANTS TO THE OWNER/CLIENT THAT THE PRODUCTS SOLD WILL BE FREE FROM MATERIAL DEFECTS IN WORKMANSHIP LINDER NORMAL USE AND SERVICE FOR A PERIOD OF ONE YEAR FROM THE DATE OF FCC COMMERCIAL FURNITURE'S DELIVERY OF PRODUCTS TO THE DELIVERED LOCATION. THERE IS NO WARRANTY IN CASES OF DAMAGES IN TRANSIT, NEGLIGENCE, ABUSE, ABNORMAL USAGE, MISUSE, ACCIDENTS, NORMAL WEAR AND TEAR, DAMAGE DUE TO ENVIRONMENTAL OR NATURAL ELEMENTS, FAILURE TO FOLLOW FCC'S INSTRUCTIONS, OR IMPROPER INSTALLATION STORAGE AND/OR MAINTENANCE THE OWNER/CLIENT SHALL VERIFY THE CONDITIONS OF THE SHIPMENT AND

NOTIFY FCC COMMERCIAL FURNITURE OF ANY DAMAGES WITHIN 24 HOURS. TRANSFER OF TITLE OCCURS UPON SHIPMENT FOR FROM ECC'S FACILITY THE OWNER/CLIENT SHALL ACCOMPANY A FCC COMMERCIAL FURNITURE REPRESENTATIVE ON A PROJECT COMPLETION WALK THROUGH TO IDENTIFY INCOMPLETE WORK.

#### PROJECT CONTACTS:

PLEASE CONTACT ONE OF THE FOLLOWING FCC COMMERCIAL FURNITURE TEAM MEMBERS TO ADDRESS CONCERNS YOU MAY HAVE:

INFORMATION AND / OR SCHEDULES. # FCC SEATING / DECOR ELEMENT

> ITEMS NOT BY FCC & BK CODES

APPROVAL PRINT CC COMMERCIAL FURNITURE IN

> DRAWN BY: JOE LOGSDON

> > SCALE NTS

> > > ORIGINAL DATE:

December 2, 2021 PLOT DATE:

February 17, 2022

PROJECT #: 22833-001

T. 541.580.2614 DATE REV. # DESCRIPTION 02/10/22 00/00/00 00/00/00 00/00/00 00/00/00

344 W Trenton Av Morrisville, PA FCC COMMERCIAL FURNITURE INC | APPROVED SEATING & DECOR PROVIDER

GENERAL NOTES: CONTRACTOR / INSTALLER

#### **GENERAL CONSTRUCTION NOTES:**

ALL WORK, CONSTRUCTION, FURNITURE AND MATERIALS SHALL COMPLY WITH ALL . THESE DRAWINGS, SCHEDULES, AND SPECIFICATIONS, AS WELL AS, OTHER PROVISIONS OF LOCAL BUILDING CODES AND WITH OTHER RULES. REGULATIONS AND ORDINANCES GOVERNING THE LOCATION OF CONSTRUCTION

· FCC COMMERCIAL FURNITURE CONTRACT DOCUMENTS STRIVE TO CONFORM TO THE INTERNATIONAL BUILDING CODE. FCC COMMERCIAL FURNITURE IS NOT LICENSED TO PROVIDE SIGNED/SEALED DRAWINGS. FCC COMMERCIAL FURNITURE. SPECIFICATIONS. FCC COMMERCIAL FURNITURE IS NOT RESPONSIBLE FOR ANY COOPERATES WITH OWNER/CLIENT'S LICENSED PROFESSIONALS TO PROVIDE DRAWINGS AND SPECIFICATIONS THAT MEET LOCAL BUILDING CODES.

FCC COMMERCIAL FURNITURE CONTRACT DOCUMENTS STRIVE TO CONFORM TO THE TITLE III OF THE AMERICANS WITH DISABILITY ACT (ADA). FCC COMMERCIAL FURNITURE IS NOT LICENSED TO PROVIDE SIGNED/SEALED DRAWINGS. FCC COMMERCIAL FURNITURE COOPERATES WITH OWNER/CLIENT'S LICENSED PROFESSIONALS TO PROVIDE DRAWINGS AND SPECIFICATIONS THAT ARE IN COMPLIANCE WITH ADA. FCC CANNOT BE RESPONSIBLE FOR CONSTRUCTION DEVIATIONS BY OTHERS FROM THE DESIGN THAT MAY BE OUT OF COMPLIANCE

· IT IS THE RESPONSIBILITY OF ALL PARTIES SUPPLYING LABOR, MATERIAL, OR BOTH TO BRING TO THE ATTENTION OF ECC'S CUSTOMER SERVICE MANAGER THE PROJECT ARCHITECT, AND THE OWNER ANY DISCREPANCIES OR CONFLICT BETWEEN THE CODE REQUIREMENT AND THESE DESIGN INTENT DRAWINGS

THE APPLICABLE CODES SHOULD INCLUDE, BUT SHALL NOT BE LIMITED TO THE INTERNATIONAL BUILDING CODE, BOCA NATIONAL BUILDING CODE, UNIFORM PLUMBING CODE, UNIFORM ELECTRICAL CODE, UNIFORM MECHANICAL CODE AND THE UNIFORM FIRE CODE

GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL WORK IN ACCORDANCE WITH ALL LOCAL AND CITY BUILDING CODES/ ORDINANCES

GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ADHERING TO ALL AMERICANS WITH DISABILITIES ACT GUIDELINES, INCLUDING BUT NOT LIMITED TO TABLE TOP/BASE INSTALLATIONS, AISLE WAY CLEARANCES, AND QUEUE LINE AREA OF WORK. THE GENERAL CONTRACTOR WILL NOTIFY FCC IN A TIMELY MANNER,

· GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED BUILDING CONSTRUCTION AND INSTALLATION PERMITS.

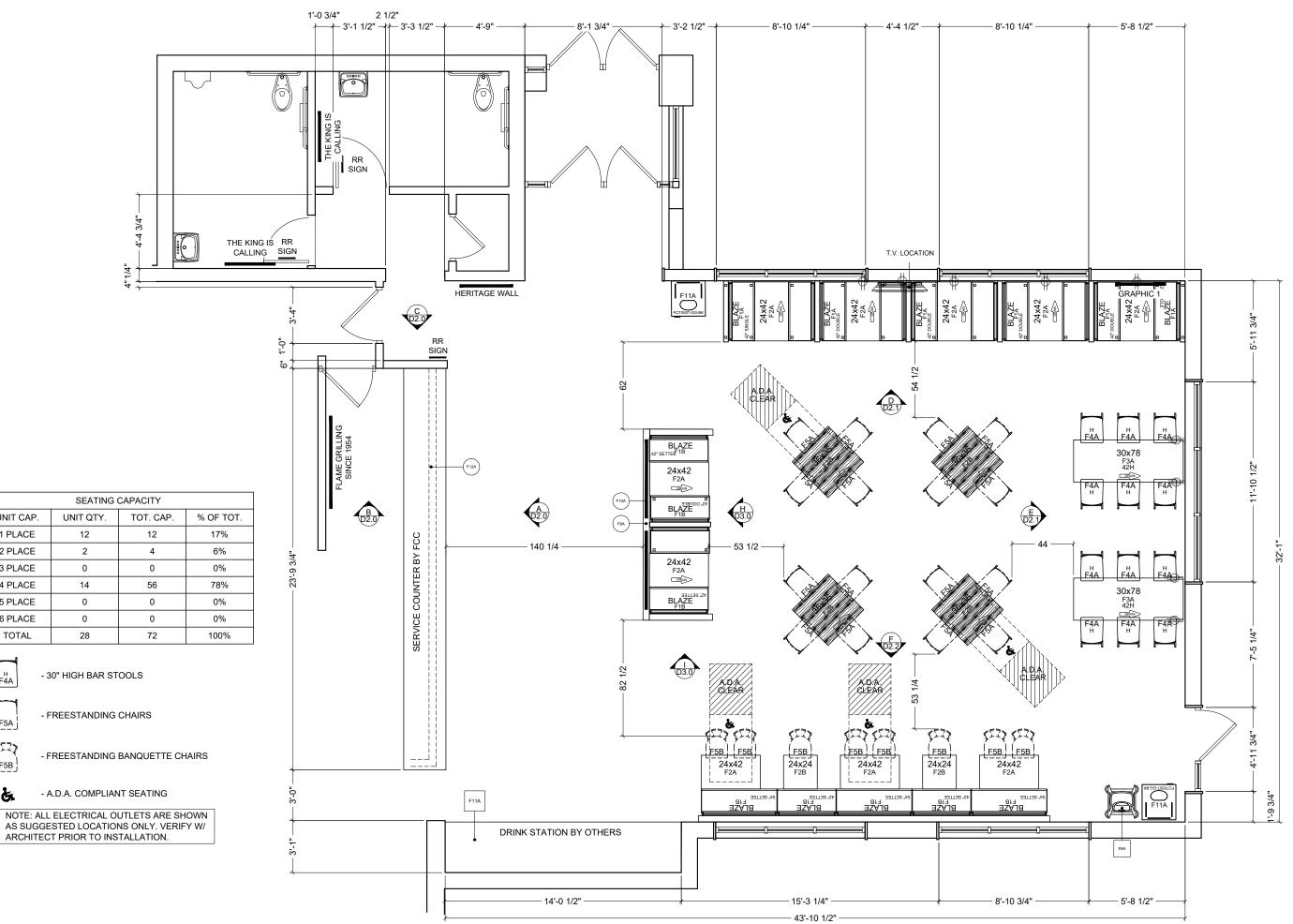
GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COPYING AND DISTRIBUTING. CLISTOMER SERVICE MANAGER AT 800 322 7328 ALL FCC COMMERCIAL FURNITURE INC'S PLANS AND DOCUMENTS TO ALL SUBCONTRACTORS INVOLVED.

FCC PROVIDED DIMENSIONS ARE INDICATED FROM INSIDE WALL FACES.

· ALL SEATING, FINISH, AND DECOR ITEMS INDICATED AS BEING SUPPLIED AND OR INSTALLED BY GENERAL CONTRACTOR ARE THE RESPONSIBILITY OF THE OWNER. THE OWNER'S RESPONSIBILITIES INCLUDE ALL CONTRACTS WITH THE GENERAL AND

SUB-CONTRACTORS AND THEIR COMPLIANCE WITH THESE DOCUMENTS AND SPECIFICATIONS.

THESE DRAWINGS AND DOCUMENTS REPRESENT THE DESIGN INTENT AND CONCEPTS FOR THIS PROJECT. THE DRAWINGS AND DOCUMENTS MUST BE SIGNED AND APPROVED BY OWNER



UNIT CAP.

1 PLACE

2 PLACE

3 PLACE

4 PLACE

5 PLACE

6 PLACE

TOTAL

H F4A

F5A

F5B

2

0

0



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#### **IMPORTANT**

DO NOT SCALE OFF PLANS. CONTACT FCC

THESE DOCUMENTS REFLECT SPECIFIC SEATING AND DECOR EQUIPMENT ORDERED OF DATE SHOWN BELOW

CLIENT:



Burger King # 5427 344 W Trenton Av Morrisville, PA Decor: Garden Grill Building Type: Custom

CUSTOMER AMPLER DEVELOPMENT

SHEET TITLE: DINING ROOM SEATING LAYOUT WORK ORDER NUMBER:

FINALS BY:

DRAWN BY: JOE LOGSDON SCALE:

3/16" = 1'-0"

ORIGINAL DATE:

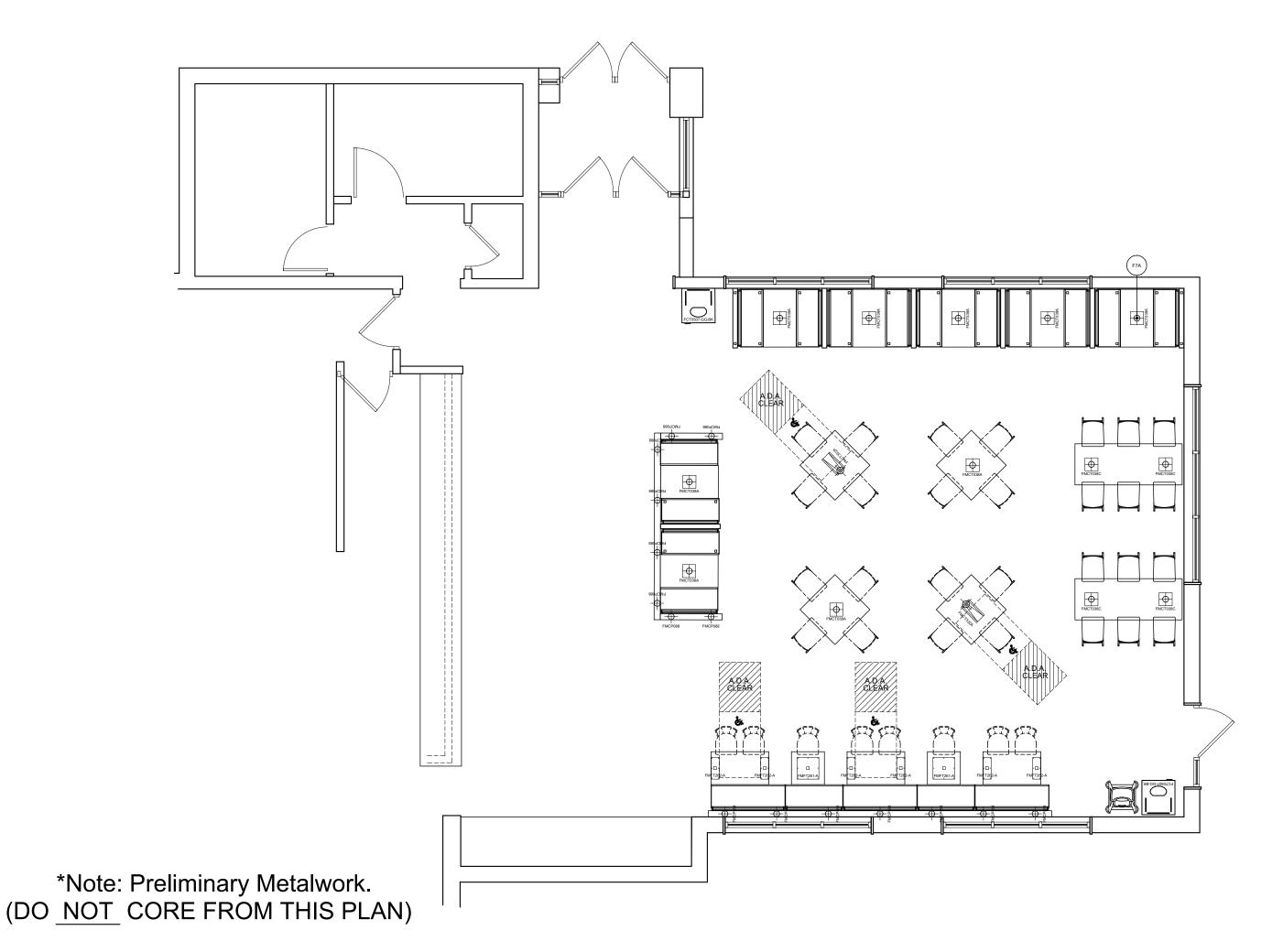
December 2, 2021

PLOT DATE: February 17, 2022

PROJECT #: 22833-001

SHEET #:

D1.0





DESIGNED AND BUILT IN U.S.A.

#### **IMPORTANT**

CLIENT:



Burger King # 5427 344 W Trenton Av Morrisville, PA Decor: Garden Grill Building Type: Custom

CUSTOMER AMPLER DEVELOPMENT

SHEET TITLE: DINING ROOM PRELIM. METALWORK LAYOUT WORK ORDER NUMBER:

FINALS BY:

DRAWN BY: JOE LOGSDON

3/16" = 1'-0"

ORIGINAL DATE:

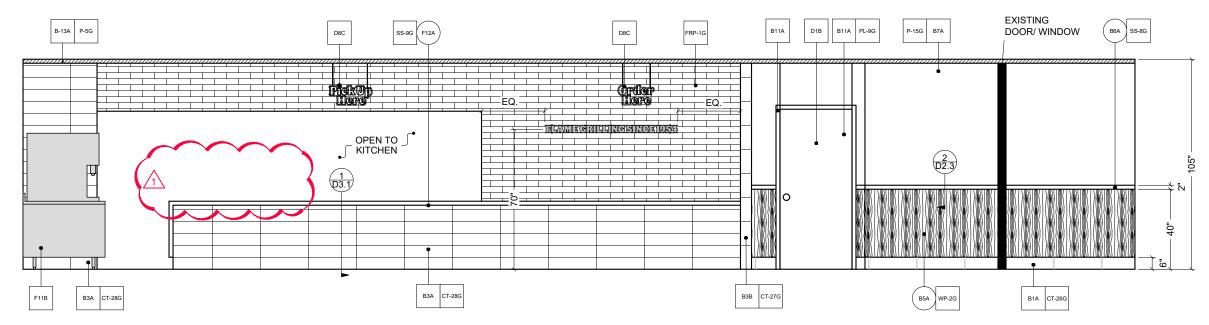
December 2, 2021

PLOT DATE:

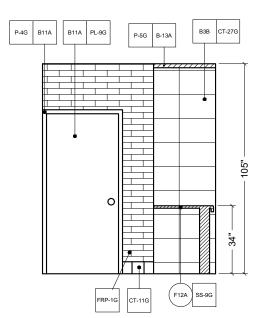
February 17, 2022 PROJECT #:

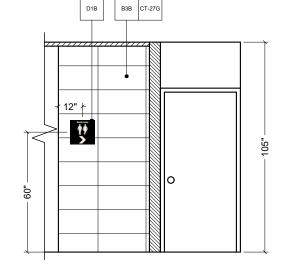
22833-001

D1.1















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THESE DOCUMENTS REFLECT SPECIFIC SEATING AND DECOR EQUIPMENT ORDERED OF DATE SHOWN BELOW

#### CLIENT:



Burger King # 5427 344 W Trenton Av Morrisville, PA Decor: Garden Grill Building Type: Custom

CUSTOMER AMPLER DEVELOPMENT

SHEET TITLE: INTERIOR BUILDING ELEVATIONS WORK ORDER NUMBER:

FINALS BY:

DRAWN BY: JOE LOGSDON SCALE:

1/4" = 1'-0"

ORIGINAL DATE:

December 2, 2021

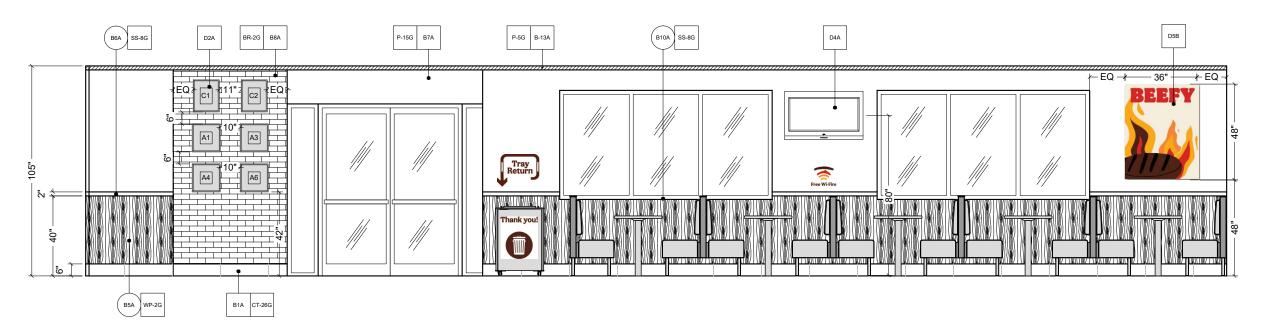
PLOT DATE:

February 17, 2022

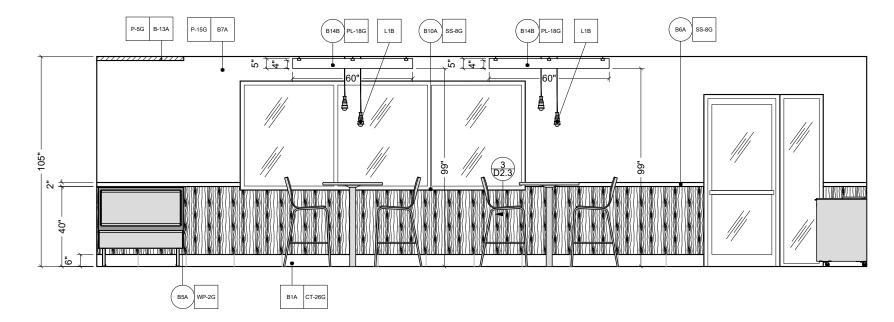
PROJECT #:

22833-001

SHEET #: D2.0











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#### **IMPORTANT**

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DIMENSIONS, EQUIPMENT, FURNITURE PLACEMENT UTILITY LOCATIONS, AND CONDITIONS AT THE JOB S

THE GENERAL CONTRACTOR MUST NOTIFY FCC COMMERCIAL FURNITURE OF ALL DISCREPANCIES AND/OR REQUIRED ADJUSTMENTS PRIOR TO START

ECC COMMERCIAL FURNITURE HAS PREPARED THESE COCUMENTS AS ACCURATELY APPOSSIBLE WITH THE ARCHITECTURAL INFORMATION PROVIDED DUE TO LAG FACURATE AND AND COMPLETE DIMENSIONED ARCHITECTURAL PLANS, OWNER UNDERSTANDS THAT ADMINISTRATION TO THE FINAL LOCATIONS OF EQUIPMENT THE OWNERS EXPENSE DUE TO DISCREPANCIES BASED ON ACTUAL JOS SITE DIMENSIONS AND CONDITIONS.

REFER TO ARCHITECTURAL OR ENGINEER DRAWINGS FOR COMPLETE AND ACCURATE DIMENSIONS OF BUILDING STRUCTURE

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THESE DOCUMENTS REFLECT SPECIFIC SEATING AND DECOR EQUIPMENT ORDERED OF DATE SHOWN BELOW

CLIENT:



Burger King # 5427 344 W Trenton Av Morrisville, PA Decor: Garden Grill Building Type: Custom

CUSTOMER AMPLER DEVELOPMENT

SHEET TITLE:
INTERIOR BUILDING
ELEVATIONS
WORK ORDER NUMBER:

FINALS BY:

DRAWN BY: JOE LOGSDON SCALE:

1/4" = 1'-0"

ORIGINAL DATE:

December 2, 2021

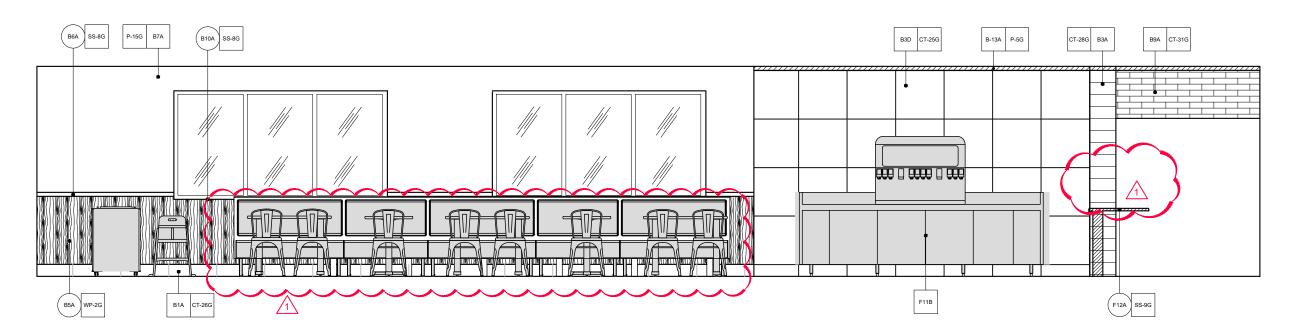
PLOT DATE:

February 17, 2022

PROJECT #:

22833-001

SHEET #: **D2.1** 







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DIMENSIONS, EQUIPMENT, FURNITURE PLACEMENT UTILITY LOCATIONS, AND CONDITIONS AT THE JOB

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FCC COMMERCIAL FUNNITURE HAS PREPARED THESE DOCUMENTS AS ACCURATELY AS POSSIBLE WITH THE ARCHITECTURAL INFORMATION PROVIDED DUE TO LAC OF ACCURATE AND NOT COMMETCE DIMENSIONED HAS THE ARCHITECTURAL INFORMATION FOR DIMENSIONED HAS ACCURATE TO THE FINAL LOCATIONS OF EQUIPMENT ADJUSTMENT'S TO THE FINAL LOCATIONS OF EQUIPMENT AND FOR FUNNITURE PLACEMENT MAY BE REQUIRED AT THE OWNER'S EXPENSE DUE TO DISCIPLINES AND CONDITIONS.

FOR COMPLETE AND ACCURATE DIMENSIONS OF BUILDING STRUCTURE.

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THESE DOCUMENTS REFLECT SPECIFIC SEATING AND DECOR EQUIPMENT ORDERED OF DATE SHOWN BELOW

CLIENT:



Burger King # 5427 344 W Trenton Av Morrisville, PA Decor: Garden Grill Building Type: Custom CUSTOMER

AMPLER DEVELOPMENT

SHEET TITLE:
INTERIOR BUILDING
ELEVATIONS
WORK ORDER NUMBER:

FINALS BY:

DRAWN BY: JOE LOGSDON SCALE:

1/4" = 1'-0"

ORIGINAL DATE:

December 2, 2021

PLOT DATE:

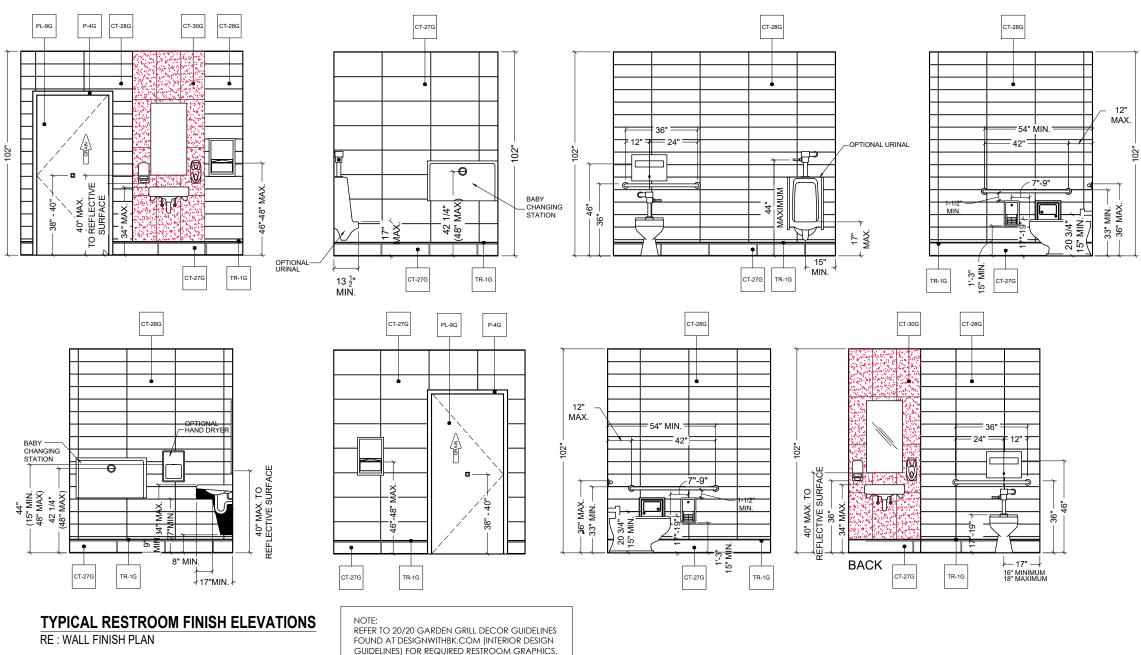
February 17, 2022

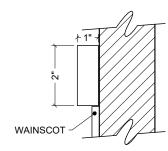
PROJECT #:

22833-001

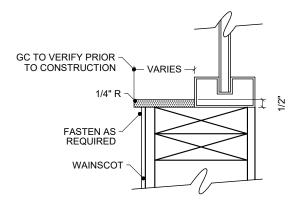
SHEET #:

D2.2





2 SECTION AT CHAIR RAIL (B6A)



SECTION AT WINDOW SILLS (B10A)



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#### **IMPORTANT**

CLIENT:



Burger King # 5427 344 W Trenton Av Morrisville, PA Decor: Garden Grill Building Type: Custom

CUSTOMER AMPLER DEVELOPMENT

SHEET TITLE: INTERIOR BUILDING ELEVATIONS WORK ORDER NUMBER

FINALS BY:

DRAWN BY: JOE LOGSDON SCALE:

1/4" = 1'-0"

ORIGINAL DATE:

December 2, 2021

PLOT DATE:

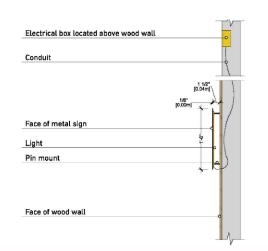
February 17, 2022

PROJECT #:

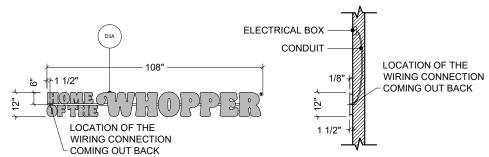
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SHEET #:

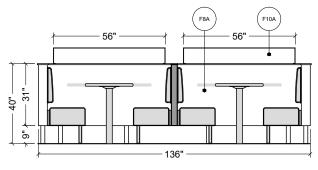
D2.3

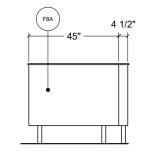


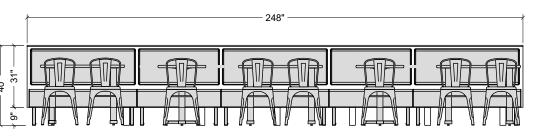
HOTW Diagram

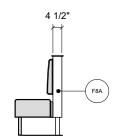


## DETAIL - HOME OF THE WHOPPER - BACKLIT

















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#### **IMPORTANT**

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THE GENERAL CONTRACTOR MUST NOTIFY FCC COMMERCIAL FURNITURE OF ALL DISCREPANCIES ANDIOR REQUIRED ADJUSTMENTS PRIOR TO STARTING

COMMERCIAL FURNITURE HAS PREPARED THESE DOLIMENTS AS ACCURATEL VAS POSSBLE WITH THE ROWITECTURAL INFORMATION PROVIDED DUE TO LACK FACURATE AND AND COMPLETE DIMENSIONED CONTIECTURAL PLANS, OWNER UNDERSTANDS THAT DUISTMENTS TO THE FINAL LOCATIONS OF EQUIPMENT MODOR FURNITURE PLACEMENT MAY BE REQUIRED AT 4E OWNERS EXPENSE DUE TO DISCREPANCIES BASED NA CUTULA LOSS BED BUNESSIONS AND CONDITIONS.

REFER TO ARCHITECTURAL OR ENGINEER DRAWINGS FOR COMPLETE AND ACCURATE DIMENSIONS OF BUILDING STRUCTURE

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THESE DOCUMENTS REFLECT SPECIFIC SEATING AND DECOR EQUIPMENT ORDERED OF DATE SHOWN BELOW

CLIENT:



Burger King # 5427 344 W Trenton Av Morrisville, PA Decor: Garden Grill Building Type: Custom

CUSTOMER AMPLER DEVELOPMENT

SHEET TITLE:
DECOR
ELEVATIONS
WORK ORDER NUMBER:

FINALS BY:

DRAWN BY: JOE LOGSDON SCALE:

1/4" = 1'-0"

ORIGINAL DATE:

December 2, 2021

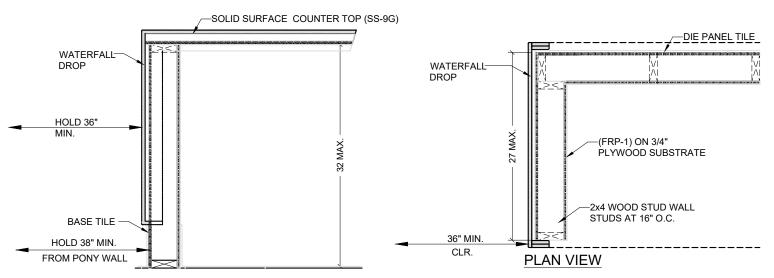
PLOT DATE:

February 17, 2022

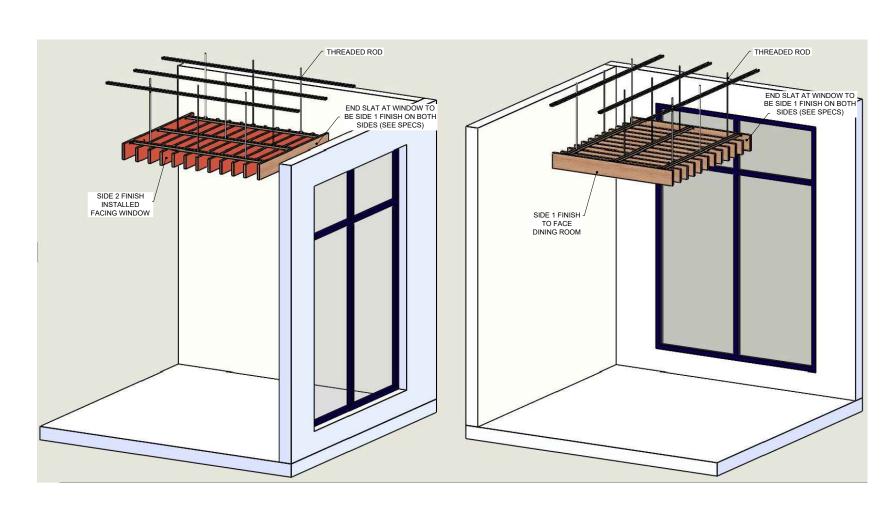
PROJECT #:

22833-001

SHEET #: **D3.0** 

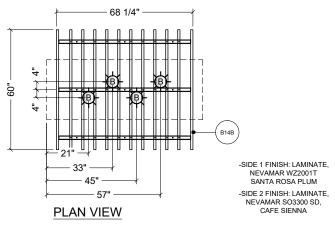


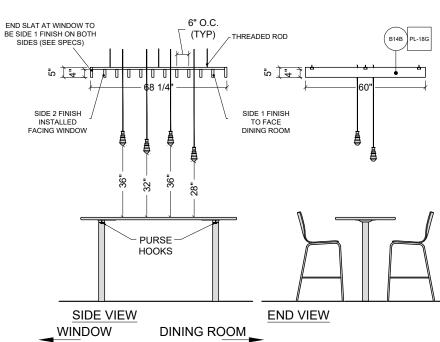
1) SECTION AT SERVICE COUNTER (F12A)



2 SLAT SOFFIT ORIENTATION

1/4" = 1'-0"









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CONCEPTS TO THE ARCHITECT, CLIENT, CONTRACTOR
AND INSTALLER FOR THE PROJECT SHOWN. THIS DESI
NOT BE ALTERED OR USED AS CONSTRUCTION
DOCUMENTS. DO NOT REPRODUCE OR LEND WITHOUT
WRITTEN PERMISSION FROM FCC COMMERCIAL
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#### **IMPORTANT**

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D NOT SCALE OFF PLANS, CONTACT FCC COMMERCI/ JRNITURE'S REPRESENTATIVE TO VERIFY ANY UESTIONABLE DIMENSIONS AT TELEPHONE # 10.322.7328

THE GENERAL CONTRACTOR MUST VERIFY ALL BUILDI DIMENSIONS, EQUIPMENT, FURNITURE PLACEMENT,

THE GENERAL CONTRACTOR MUST NOTIFY FCC
COMMERCIAL FURNITURE OF ALL DISCREPANCIES
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DECOR EQUIPMENT ORDERED OF DATE SHOWN BEL

CLIENT:



Burger King # 5427 344 W Trenton Av Morrisville, PA Decor: Garden Grill Building Type: Custom

CUSTOMER AMPLER DEVELOPMENT

SHEET TITLE:
DECOR
ELEVATIONS
WORK ORDER NUMBER:

FINALS BY:

DRAWN BY: JOE LOGSDON SCALE:

1/4" = 1'-0"

ORIGINAL DATE:

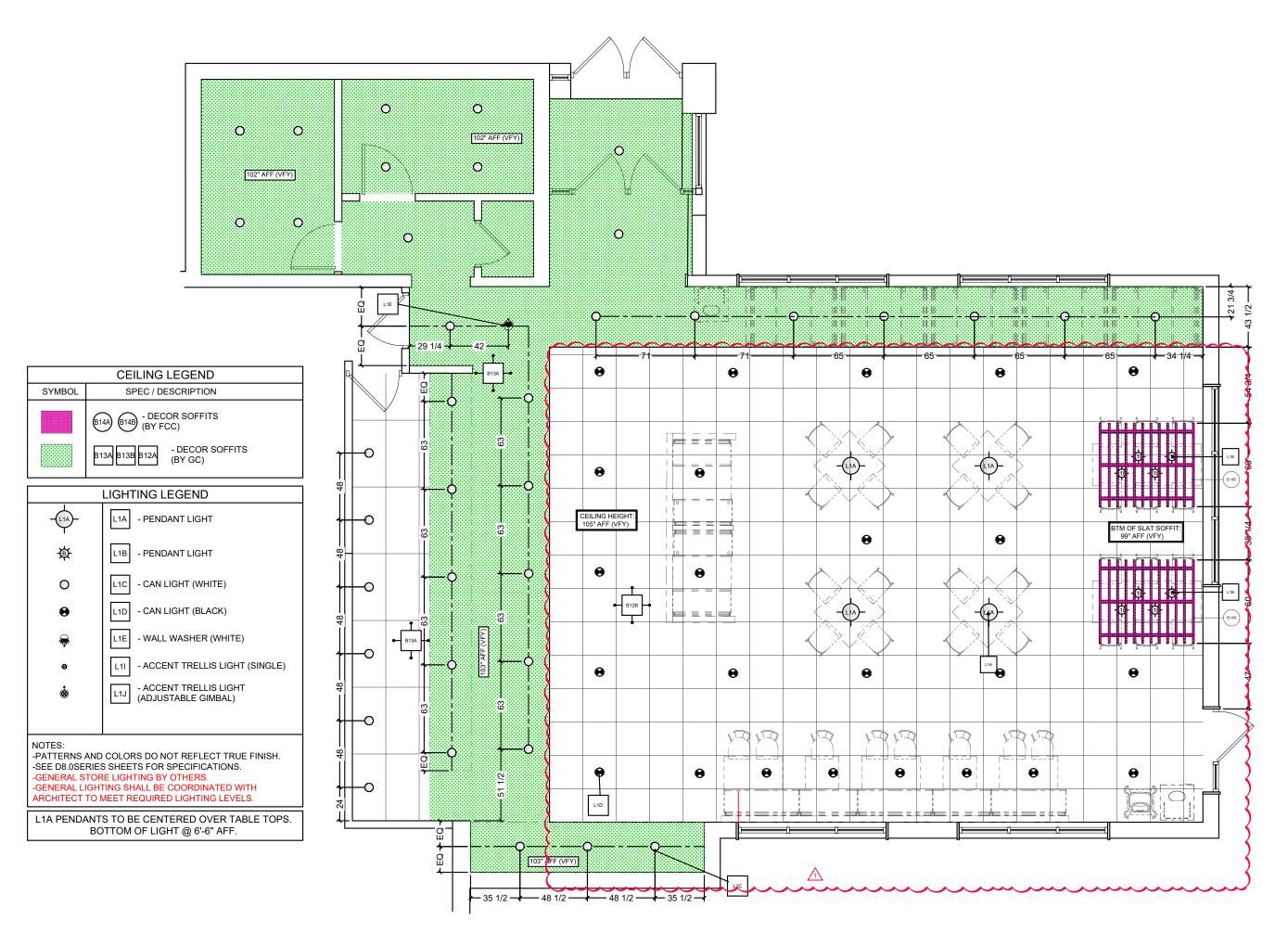
December 2, 2021

PLOT DATE:

February 17, 2022

22833-001

SHEET #: **D3.1** 





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CONCEPTS TO THE ARCHITECT, LOBUR CONTRACTOR
AND INSTALLER FOR THE PROJECT SHOWN. THIS DESIGN
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DOCUMENTS, DO NOT REPRODUCE OR LEND WITHOUT
PURTITURE HERMISSION FROM FCC COMMERCIAL
FURNITURE WAS

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THESE DOCUMENTS REFLECT SPECIFIC SEATING AND DECOR EQUIPMENT ORDERED OF DATE SHOWN BELOW

CLIENT:



Burger King # 5427

344 W Trenton Av Morrisville, PA Decor: Garden Grill Building Type: Custom

CUSTOMER AMPLER DEVELOPMENT

SHEET TITLE: DINING ROOM REFLECTED CEILING PLAN

WORK ORDER NUMBER:

FINALS BY:

DRAWN BY: JOE LOGSDON

SCALE: 3/16" = 1'-0"

ORIGINAL DATE:

December 2, 2021

PLOT DATE:

February 17, 2022

PROJECT #:

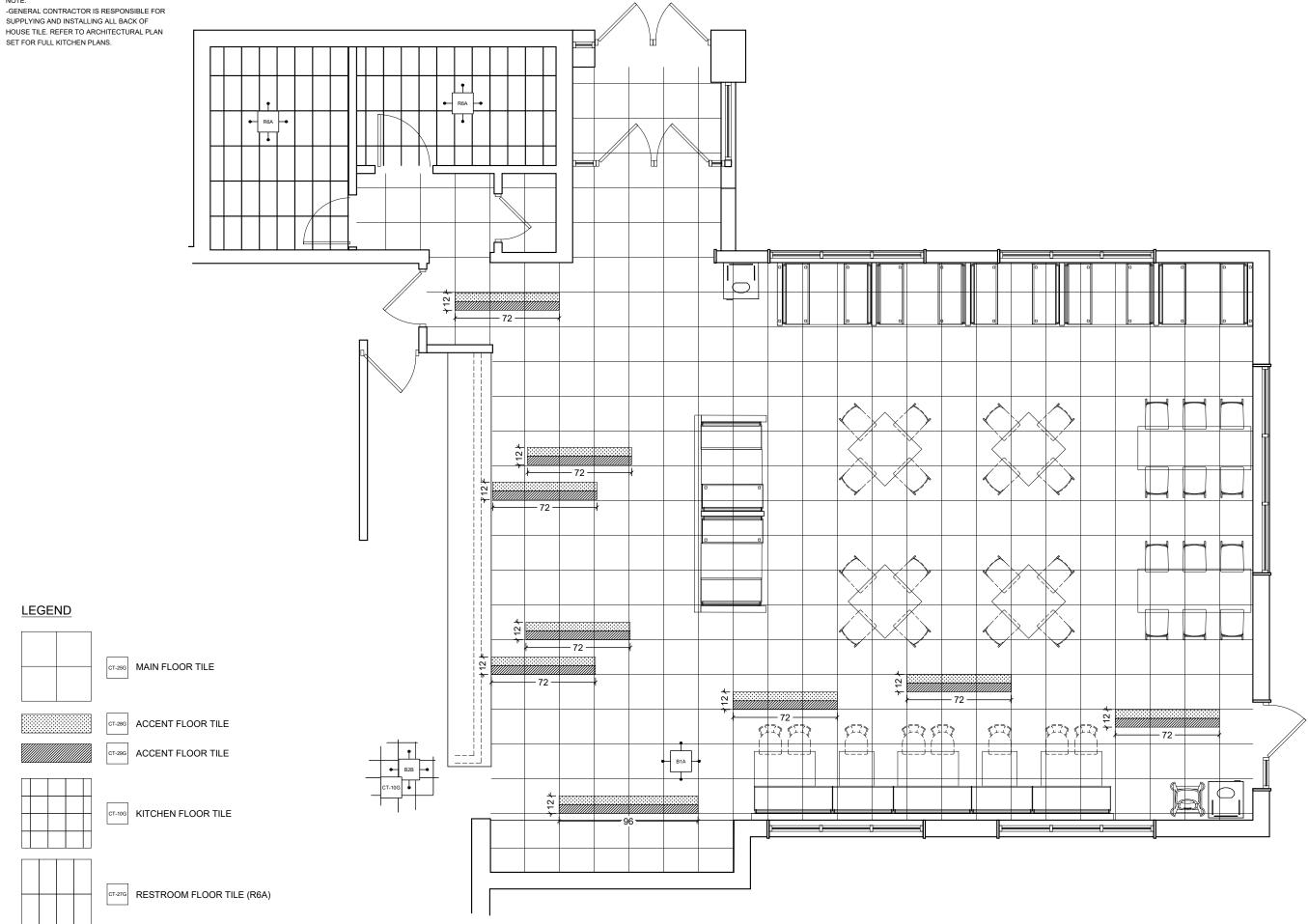
22833-001

SHEET #:

D4.0

NOTE:

SUPPLYING AND INSTALLING ALL BACK OF





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THESE DOCUMENTS REFLECT SPECIFIC SEATING AND DECOR EQUIPMENT ORDERED OF DATE SHOWN BELOW.

CLIENT:



Burger King # 5427 344 W Trenton Av Morrisville, PA Decor: Garden Grill Building Type: Custom

CUSTOMER AMPLER DEVELOPMENT

SHEET TITLE: DINING ROOM FLOOR TILE PLAN WORK ORDER NUMBER:

FINALS BY:

DRAWN BY: JOE LOGSDON SCALE:

3/16" = 1'-0"

ORIGINAL DATE:

December 2, 2021

PLOT DATE:

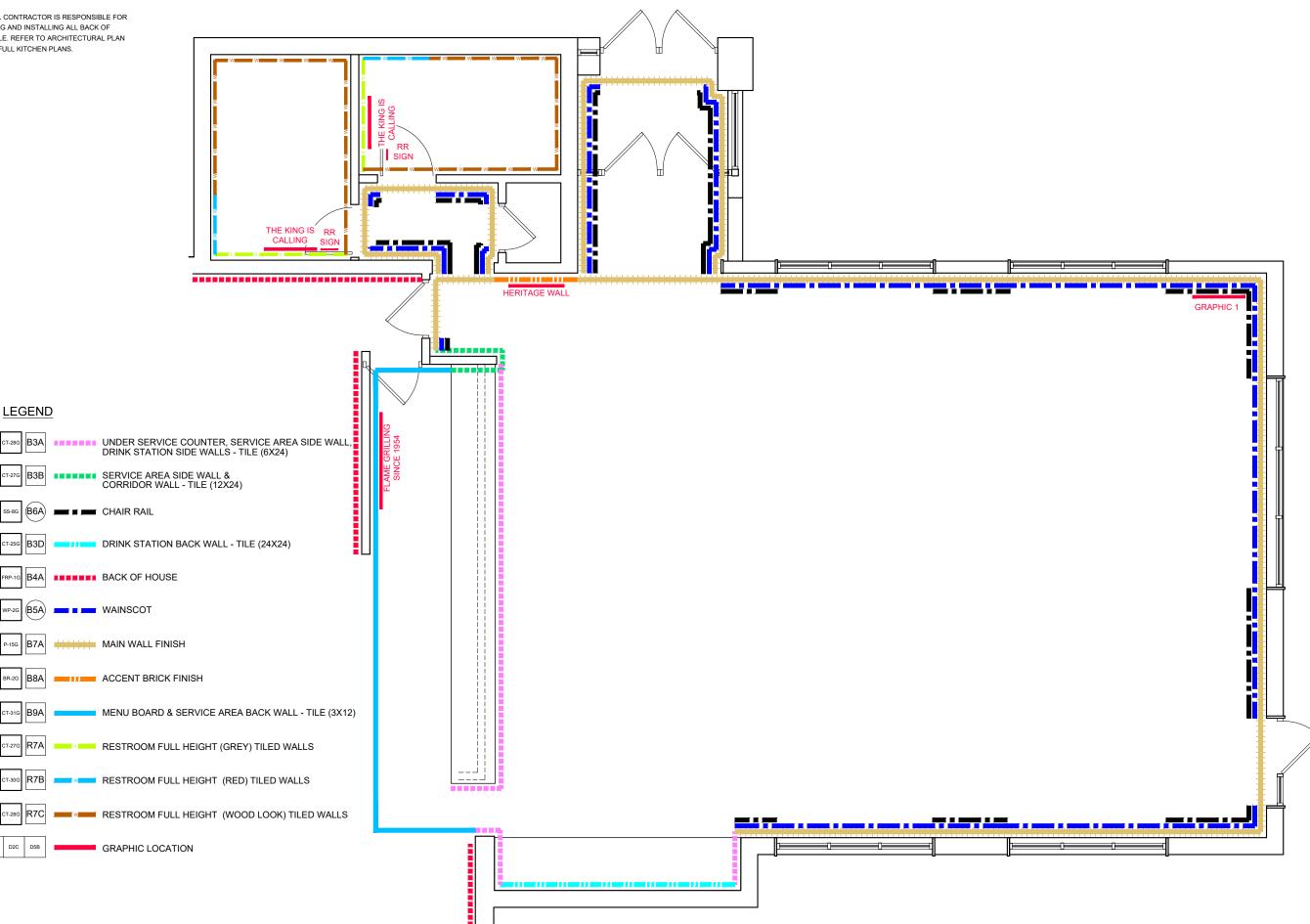
February 17, 2022 PROJECT #:

22833-001 SHEET #:

D5.0

LEGEND

CT-25G B3D





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#### **IMPORTANT**

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COMMERCUAL PROTIDER INC. IN ADVANCE, IN WRITING.
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CLIENT:



Burger King # 5427 344 W Trenton Av Morrisville, PA Decor: Garden Grill Building Type: Custom

CUSTOMER AMPLER DEVELOPMENT

SHEET TITLE: INTERIOR WALL FINISHES WORK ORDER NUMBER:

FINALS BY:

DRAWN BY: JOE LOGSDON SCALE:

3/16" = 1'-0"

ORIGINAL DATE:

December 2, 2021

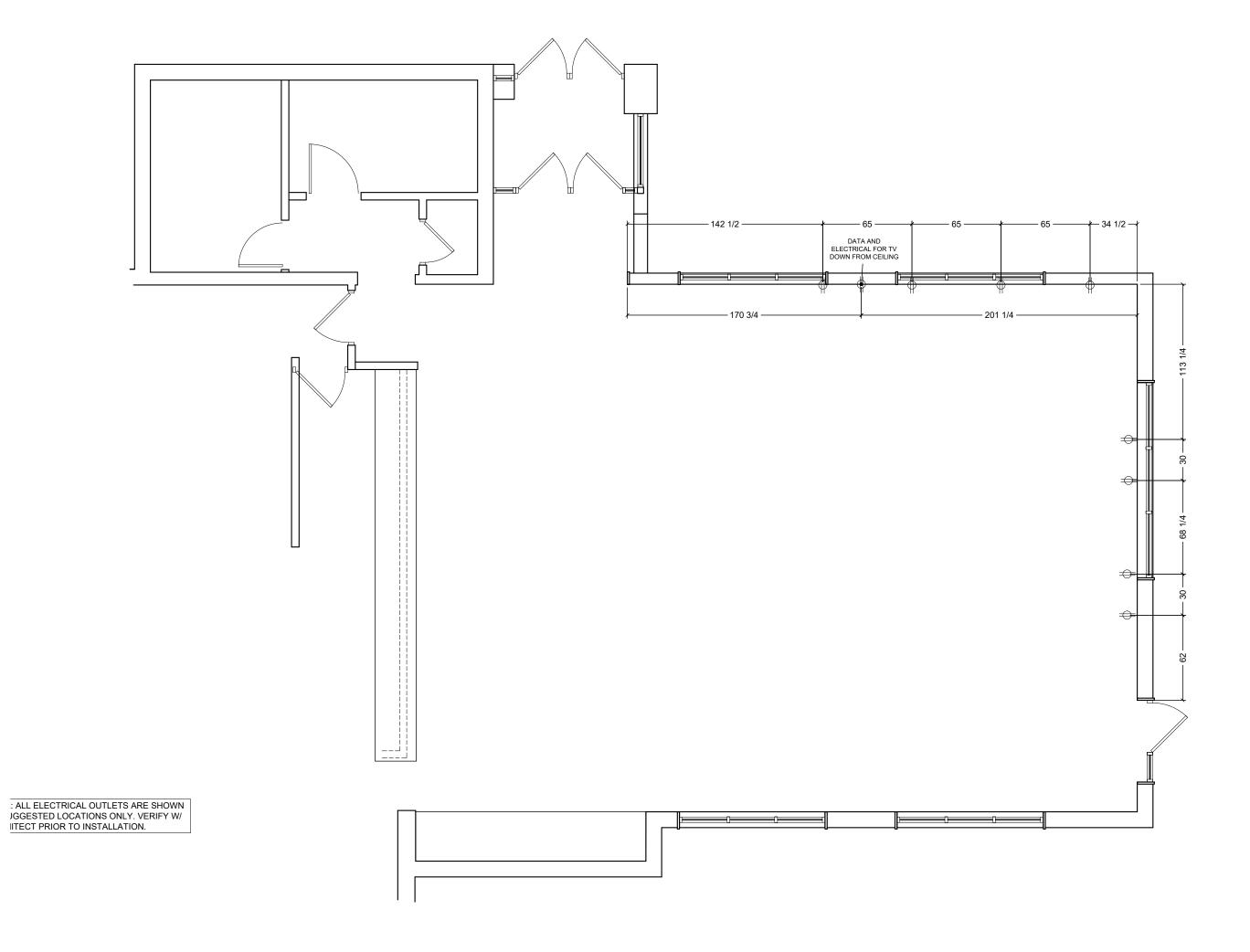
PLOT DATE:

February 17, 2022

PROJECT #:

22833-001

D6.0





FCC COMMERCIAL FURNITURE INC.

8452 OLD HWY 99 N, ROSEBURG, OR 97470 USA
T. 800.322.7328 | F. 541.673.7441 | WWW.FCCFURN
DESIGNED AND BUILT IN U.S.A.

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## **IMPORTANT**

WRITTEN DIMENSIONS HAVE PRECEDENCE OVER SCALE IN ALL CASES.

DO NOT SCALE OFF PLANS. CONTACT FCC COMMERCIAL FURNITURE'S REPRESENTATIVE TO VERIFY ANY QUESTIONABLE DIMENSIONS AT TELEPHONE # 800.322.7328

THE GENERAL CONTRACTOR MUST VERIFY ALL BU DIMENSIONS, EQUIPMENT, FURNITURE PLACEMENT LITH ITY LOCATIONS, AND CONDITIONS AT THE IOR

THE GENERAL CONTRACTOR MUST NOTIFY FCC COMMERCIAL FURNITURE OF ALL DISCREPANCIES AND/OR REQUIRED ADJUSTMENTS PRIOR TO STARTING

FCC COMMERCIAL FURNITURE HAS PREPARED THESE DOCUMENTS AS ACCURATELY AS POSSIBLE WITH HAS ACCURATELY AS POSSIBLE WITH HAS ARCHITECTURAL. INFORMATION PROVIDED DUE TO LAC OF ACCURATE AND NOT COMMETTE DIMENSIONED AND ACCURATE AND NOT COMMETTE DIMENSIONED AND ACCURATE AND NOT COMMENT ACCURATE AND ACCURATE AN

FOR COMPLETE AND ACCURATE DIMENSIONS OF BUILDING STRUCTURE.

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ALL PREPARED CONTRACT DOCUMENTS MAY NOT BE COPIED, REPRODUCED, USED OR IMPLEMENTED IN ANY WAY IN PART OR IN WHOLE WITHOLLT THE EXPRESS

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THESE DOCUMENTS REFLECT SPECIFIC SEATING AND DECOR EQUIPMENT ORDERED OF DATE SHOWN BELOW.

CLIENT:



Burger King # 5427 344 W Trenton Av Morrisville, PA Decor: Garden Grill Building Type: Custom

CUSTOMER AMPLER DEVELOPMENT

SHEET TITLE:
G.C. PROVIDED ITEMS
AND DETAILS
WORK ORDER NUMBER:

FINALS BY:

DRAWN BY: JOE LOGSDON SCALE:

3/16" = 1'-0"

ORIGINAL DATE:

December 2, 2021

PLOT DATE:

February 17, 2022

PROJECT #:

22833-001

SHEET #: **D7.0** 

## **Common Wayfinding Graphics**

Required unless noted. Graphics may not always be applicable to all locations. Refer to décor plans for Image specific graphics.

Wi-Fi



**Freshly Sliced Onions** 

Freshly sliced onions and tomatoes every day.





Noooooo!

**Hours of Operation** 

Hours



**Door Push-Pull Decals** 

Push

Pull

**Approved Graphic Suppliers:** 

LSI Graphics

Email: Bk.Graphics@LSI-Corp.com

Phone: 330-494-9444

**Moss Retail** 

2643 West Chicago Ave. Chicago, IL 60622

Contact: DJ Scandiff; (773) 435-7600 ext. 617 Contact: Rob Lorts; (773) 435-7600 Ext. 655

Order e-mail: BK@mossinc.com

VGS, Inc.

1696 Mabry Mill Dr., SW North Canton, OH 44709

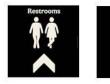
Contact: Greg Moroz; (201) 528-9680 Order e-mail: burgerking@vgs-inc.com

**APA Color Graphics** 

2929 Pacific Drive Norcross, GA 30071

Contact: Tony Tantillo; (404) 355-1355 Email: tony@apacolorgraphics.com; BKOrders@apacolorgraphics.com

Restroom Wayfinding (selection varies based on store layout)































The King is Calling Restroom Graphic



**Crew Members Must Wash Hands** 



**Exterior Drive-Thru Panels** 

(selection varies based on allowable space) (Not Applicable to Pavilion Bldg.)





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**IMPORTANT** 

CLIENT:



Burger King # 5427 344 W Trenton Av Morrisville, PA Decor: Garden Grill **Building Type: Custom** 

CUSTOMER AMPLER DEVELOPMENT

WAYFINDING SIGNAGE

WORK ORDER NUMBER:

FINALS BY:

DRAWN BY: JOE LOGSDON

ORIGINAL DATE:

December 2, 2021

PLOT DATE:

February 17, 2022 PROJECT #:

22833-001

SHEET #:

D7.1



Customer: Ampler Development Store: Burger King #TBD Location: Morrisville, PA Project Number: 22833-001 Designer: Joe Logsdon

Sales: Randy Moe Date: 12/6/21 Décor: Garden Grill

	Environm	n entally Friendly Finishes by FCC Standards	Additional Notes
	3	Greenguard Certified	V 11.22.21
	(EBICIND)	(Low VOC)	
	0	SCS Certified	
		Recycled Content	
ı	pvc <sub>free</sub> -	PVC Free Upholstery	
ı	Øreen	Crypton Green	
	Sieen	Upholstery	

Specifications are for REFERENCE ONLY and are current from the date of the last revision. See architecturals for updated information. Contact FCC immediately with any modifications to building finishes.

		Furniture Items	Sup	plier	Inst	aller	BK	
Item	Description	Finish	FCC	Others		Others	Codes	Notes
F1A	Standard	Style: Blaze Booth (40" H Wall)	Х			Х		
	Height	1/2" Top Cap (No Drop): Solid Surface						
	Perimeter	Corian, Deep Noctume (matte finish)					SS-8G	Ne vamar
	Booths	Booth Wall: Laminate, Nevamar						T.C.I.C.I.
	(wall incl.)	N/WF0011T Macchiato (grain)					PL-15G	Wood Grain to run vertically
		Edge Trim: Rehau, Match to Macchiato					MEB-2G	Clipped Down Hardware
		CP41002						
		Booth Seat: Vinyl, Maharam						
		Lariat 440401, 010 Taupe					UPH-7G	
		17.5" Back Pad: Vinyl, Maharam						
		Lariat 440401, 007 Oyster					UPH-10G	
		Bottom Trim: 3MM Black PVC						
		Booth Base: 1/8" Black ABS						
		Crumb Trough Trim: Laminate,						
		Pionite, Black SE101						
		Legs: Powdercoat, Blackened Steel					MF-1G	
F1B	Standard	Style: Blaze Settee	X			X		
	Height							Ne vamar
	Settees	Booth Seat: Vinyl, Maharam						- Andrew Serbania (Serbin
	(no wall)	Lariat 440401, 010 Taupe					UPH-7G	
		17.5" Back Pad: Vinyl, Maharam						
		Lariat 440401, 007 Oyster					UPH-10G	Wood Grain to run vertically
		Crumb Trough Trim: Laminate,						Clipped Down Hardware
		Pionite, Black SE101					PL-19G	
		Bottom Trim: 3MM Black PVC						
		Booth Base: 1/8" Black ABS						
E0.4		Legs: Powdercoat, Blackened Steel					MF-1G	
F2A	Table Tops	Style: T0025 (1/8"R)	X			X		All VBE seams to be placed
	(at booths/	1 5/16" Thick Top: Laminate, Nevamar					PL-9G	against walls where possible
	settees)	WK0017T Venerable Old Oak (grain)					MED 40	Arrows on floor plan denote
F2B	Table Tons	Edge: Rehau 592E Multiplex 1-5/16"	Х			X	MEB-1G	table grain location.  Pionite/Wilsonart
FZD	Table Tops (center)	<b>Style:</b> T0027 R (1/8"R) 3 Equal Stripes <b>1</b> 5/16" Thick Top:	^			^		GRENQUARD PIONITE/VVIISONAIT
	(Center)	Left Stripe: Laminate, Nevamar						Table F2B is only applicable on
		WZ2001T Santa Rosa Plum Tree (grain)					DI 460	tables in the center of the store
		Middle Stripe: Laminate, Nevamar					PL-10G	tables III the center of the store
		N/WF0011T Macchiato (grain)					PL-15G	
		Right Stripe: Laminate, Nevamar					PL-13G	
		WF0013T Carmel Macchiato Suede (grain	2)				PL-17G	
		Edge: Rehau 592E Multiplex 1-5/16"	1)				MEB-1G	
F2C	Coffee	Not Applicable						
	Tables							
	(at lounge)							
	,							

		Furniture Items	Sup	plier	Inst	aller	BK	
Item	Description	Finish	FCC	Others	FCC	Others	Codes	Notes
F3A	Community	Style: Stained Wood Community Table	Х			X		Supplier: CMI (Com. Int. Manu.)
	Table	NO BK Logo						Contact: 706.253.4755
		Top Thickness: 1 3/4"						Rep: Austin Holan
		Finish: American Light Oak with Lightly					NA	Quantity of Hooks:
		Toasted Satin Varnish						6 for an 8 seater
		Purse Hooks: Antique Bronze						4 for a 6 seater
F4A	Bar	Style: Isabel Barstool	X			X		Contact: 323.319.2722
	Height	Model: 8019-CMC						Rep: Barry Woon
	Seats	Chair Back & Seat: Laminate, Match					PL-17G	Supplier: Twenty Four 7
		PL-17G Caramel Macchiato					E 222 7 23	
		Frame Finish: Powdercoat, Blackened					MF-1G	
		Steel						
F5A	Ctoudoud	Glides: Black Style: Isabel Chair	X			V		Contact: 323.319.2722
FSA	Standard	Model: 8018-CMC	^			X		Rep: Barry Woon
	Height Seats	Chair Back & Seat: Laminate, Match					DL 170	Supplier: Twenty Four 7
	(center)	PL-17G Caramel Macchiato					PL-1/G	Supplier: Twenty Foul 7
	(come)	Frame Finish: Powdercoat, Blackened					MF-1G	
		Steel					IVIT- IG	
		Glides: Black						
F5B	Standard	Style: Bronze Gale Standard Chair	Х			Х		Contact: 323.319.2722
	Height	Model: 80-014-211-9						Rep: Barry Woon
	Seats	Chair Back & Seat: Laser Cut Steel					NA	Supplier: Twenty Four 7
	(settee	with Bronze Powdercoat					1,77	ouppiness, and a
	seats)							
		Glides: Rubber						
F5C	Standard	Not Applicable						
	Height							
	Lounge							
	Chairs							
FCA	III ale Chestae	Manufacturer Dubbarrasid				V		
F6A	High Chairs	Manufacturer: Rubbermaid Style: Sturdy Chair FG-7805, Green		Х		X		
		Material: Molded Plastic ASTM F404-04	1					
F7A	Metal Work	Color: Blackened Steel (Square Steel)	X			X	MF-1G	* Tile grout by GC
1 //	Wetai Work	Color: Blackened Steel (Squale Steel)	^			^	IVIT- IG	after steel is installed (typ.)
F8A	Divider	Style: W0002	X			Х		and cross to meranou (typ:)
	Walls	1/2" Top Cap (No Drop): Solid Surface					SS-8G	Wood Grain to run vertically
		Corian, Deep Nocturne (matte finish)						
		Sides: Laminate, Nevamar						Corian/Nevamar
		N/WF0011T Macchiato (grain)					PL-15G	TICENCUMD)
							MEB-2G	
		Height To Top: 40"						
		Height to Bottom: 9"						
FC *	D.	Core-Drilled: Powdercoat, Blackened S	teel				MF-1G	
F9A	Décor	Not Applicable						
	Screens							
	(Option A)							
F10A	Low	Style: FDWS0081, Metal Frame	Х			X		For use on divider wall across
	Décor	Finish: Powdercoat, Statuary Bronze,						from Service Counter
	Screen	038/60080						



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REFER TO ARCHITECTURAL OR ENGINEER DRAWINGS FOR COMPLETE AND ACCURATE DIMENSIONS OF BUILDING STRUCTURE.

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CLIENT:



Burger King # 5427 344 W Trenton Av Morrisville, PA Decor: Garden Grill Building Type: Custom

CUSTOMER AMPLER DEVELOPMENT

SHEET TITLE: SPECIFICATIONS

WORK ORDER NUMBER:

FINALS BY:

DRAWN BY: JOE LOGSDON SCALE:

NTS

ORIGINAL DATE:

December 2, 2021

PLOT DATE:

February 17, 2022 PROJECT #:

22833-001

SHEET #:

D8.0

		Furniture Items	Sup	plier	Inst	aller	BK	
ltem	Description	Finish	FCC	Others	FCC			Notes
F11A	(Condiment and Trash)	Style: Cube (33/44gal) Top w/Tray Bumpers: Solid Surface, Corian, Deep Noctume (matte finish) Sides: Laminate, Nevamar	X			X	SS-8G PL-9G	Interior Trash Cabinet Laminate to
		WK0017T Venerable Old Oak (grain)  Edge: Charter Black  Access Door: Laminate, Nevamar  WK0017T Venerable Old Oak (grain)						Match Exterior  Wood Grain to run vertically
		Vinyl Signage: "Thank You"  Door Edge Pull: Stainless Steel  Base Style:  Open With Casters - Roll Out Liners						Corian/Nevamar
E44D	B. J. G. J.	Base Color: UFB-551-S2 Matte Black		V				
F11B	and	Top Finish: Stainless Steel  Doors: Stainless Steel		х		х		Optional Top Finish: Solid Surface Avonite, BK Smoke #7885 Edge: 1-1/2" Square Drop Avonite Contact: 410.259.8508 Rep: Sandra Cohen, Aristech
								Additional supplier available
F11C	Coke Free-Style	Not Applicable						
F11D	Optional Sauce Bar	Not Applicable						
F12A	Service Counter	Style: Square Face (Eased Edge) Top Finish: Solid Surface Avonite, BK Smoke #7885 Edge: 1-1/2" Square Drop Front Drop: 3" Back Edge: 2"  Note: Min. 14'-0" L to fit menuboards	х			х	\$\$-9G	
F13A	Line	Not Applicable						
F14A	Surround	Not Applicable						
F15A	POS Shroud (optional)	Not Applicable						

Description ADA RR Signs  Directional Signage (required)  Entry Signage (required)  Wi-Fi Decal (required)  King is Calling RR Decal (required)  Heritage Wall Art (optional)	Miscellaneous Decor Items Finish  Item: ADA/Braille Sign Mounted on Wall Next to Restroom Door  1. Wayfinding Sign "Restrooms", 2. RR Door Signs-Circle of Man/Woman 3. Restroom - "Crew Members Must Wash" 4. Tray Retum (as applicable) Includes: Door Decal "Hours of Operation Door Decal "Push/Pull"  Item: "Free Wi-Fi" vinyl decal Size: Varies Per Store  Not Applicable  Style: Framed and Matted BK Heritage Images		X X X	Instal FCC	X X X	Codes	Supplier: Refer to Drawings Contact: Refer to Drawings Supplier: Refer to Drawings Contact: Refer to Drawings Supplier: Refer to Drawings Contact: Refer to Drawings Contact: Refer to Drawings
ADA RR Signs  Directional Signage (required)  Entry Signage (required)  Wi-Fi Decal (required)  King is Calling RR Decal (required)  Heritage Wall Art (optional)	Wall Next to Restroom Door  1. Wayfinding Sign "Restrooms", 2. RR Door Signs-Circle of Man/Woman 3. Restroom - "Crew Members Must Wash" 4. Tray Retum (as applicable) Includes: Door Decal "Hours of Operation Door Decal "Push/Pull"  Item: "Free Wi-Fi" vinyl decal Size: Varies Per Store  Not Applicable  Style: Framed and Matted BK Heritage Images		x		x		Supplier: Refer to Drawings Contact: Refer to Drawings Supplier: Refer to Drawings Contact: Refer to Drawings Supplier: Refer to Drawings
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Directional Signage (required)  Entry Signage (required)  Wi-Fi Decal (required)  King is Calling RR Decal (required)  Heritage Wall Art (optional)	1. Wayfinding Sign "Restrooms", 2. RR Door Signs-Circle of Man/Woman 3. Restroom - "Crew Members Must Wash" 4. Tray Retum (as applicable)  Includes: Door Decal "Hours of Operation Door Decal "Push/Pull"  Item: "Free Wi-Fi" vinyl decal Size: Varies Per Store  Not Applicable  Style: Framed and Matted BK Heritage Images	on"	X		Х		Contact: Refer to Drawings  Supplier: Refer to Drawings  Contact: Refer to Drawings  Supplier: Refer to Drawings
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Entry Signage (required) Wi-Fi Decal (required) King is Calling RR Decal (required) Heritage Wall Art (optional)	4. Tray Return (as applicable)  Includes: Door Decal "Hours of Operation Door Decal "Push/Pull"  Item: "Free Wi-Fi" vinyl decal Size: Varies Per Store  Not Applicable  Style: Framed and Matted BK Heritage Images	on"					Contact: Refer to Drawings  Supplier: Refer to Drawings
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(required) King is Calling RR Decal (required) Heritage Wall Art (optional)	Not Applicable  Style: Framed and Matted BK Heritage Images						Contact: Refer to Drawings
King is Calling RR Decal (required) Heritage Wall Art (optional)	Style: Framed and Matted BK Heritage Images						
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Calling RR Decal (required) Heritage Wall Art (optional)	Style: Framed and Matted BK Heritage Images						
RR Decal (required) Heritage Wall Art (optional)	Images						
(required) Heritage Wall Art (optional)	Images						
Heritage Wall Art (optional)	Images						
Wall Art (optional)	Images		. v		. v		Compliant Defeats Descripes
(optional)			X		X		Supplier: Refer to Drawings
(5/51.57.5)							Contact: Refer to Drawings
Wall Art	Color: Black & White						Total Quantity:
	Not Applicable						
Collage							
g-							
	Not Applicable, see F14A						
Graphic							
Orink Station	Not Applicable						
Wall Decais							
Flat	By Owner		X		X		
Screen							
Wall	Not Applicable						
Shelves							
Granhio	Style: Black Metal Framed Drint		Y		Y		Supplier: Refer to Drawings
•	-		^		^		
							Contact: Refer to Drawings
(required)	Refer to Drawings for Image Selection	s					
Shelf	Not Applicable						
The state of the s		1					
	Not Applicable						
	Not Applicable						
Ordering	Not Applicable						
Kiosk (Opt.)							
) V	Flat Screen Wall Shelves Graphic Panels (required) Shelf Artwork (required*) Shelf Artwork (required*)	rink Station Vall Decals  Flat Screen  Wall Shelves  Graphic Panels (required)  Shelf Artwork (required*)  Shelf Artwork (required*)  Ordering  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Not Applicable	rink Station Vall Decals  Flat Screen  Wall Shelves  Graphic Panels (required)  Shelf Artwork (required*)  Shelf Artwork (required*)  Ordering  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Not Applicable	rink Station Vall Decals  Flat By Owner X Screen  Wall Shelves  Graphic Style: Black Metal Framed Print X Panels Size: 36"W x 48"H (required) Refer to Drawings for Image Selections  Shelf Artwork (required*) Shelf Artwork (required*) Ordering Not Applicable	rink Station Vall Decals  Flat Screen  Wall Shelves  Graphic Panels (required)  Shelf Artwork (required*) Shelf Artwork (required*) Ordering  Not Applicable  X  X  X  X  X  X  X  X  X  X  X  X  X	rink Station Vall Decals  Flat By Owner X X  Screen  Wall Not Applicable  Graphic Panels (required)  Shelf Artwork (required*)  Shelf Artwork (required*)  Ordering Not Applicable	rink Station Not Applicable Vall Decals  Flat Screen Wall Shelves  Graphic Style: Black Metal Framed Print X X X  Panels (required) Refer to Drawings for Image Selections  Shelf Artwork (required*) Shelf Artwork (required*) Ordering Not Applicable



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REFER TO ARCHITECTURAL OR ENGINEER DRAWINGS FOR COMPLETE AND ACCURATE DIMENSIONS OF BUILDING STRUCTURE.

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DECOR EQUIPMENT ORDERED OF DATE SHOWN BELO

CLIENT:



Burger King # 5427 344 W Trenton Av Morrisville, PA Decor: Garden Grill Building Type: Custom

CUSTOMER AMPLER DEVELOPMENT

SHEET TITLE: SPECIFICATIONS

WORK ORDER NUMBER:

FINALS BY:

DRAWN BY: JOE LOGSDON SCALE:

NTS

ORIGINAL DATE:

December 2, 2021

PLOT DATE: February 17, 2022

PROJECT #:

22833-001

SHEET #: **D8.1** 

		Miscellaneous Decor Items	Supp	lier	Instal	ler	BK	
tem	Description	Finish		Others			Codes	Notes
D8A	Metal	Restroom Signage (optional)		Х		Х		Supplier: Nautical Furnishings
	Signage	2. Flame Grilling Since 1954 (required)						Contact: Michael Hoglund;
		(Mount at 70"H AFF on center)						954.771.1100
D8B	Metal	Not Applicable						
סטט	Home of the	Not Applicable						
	Whopper							
	LED Sign							
D8C	Order	Item: Acrylic Sign with White Metal		Х		Х		Supplier: Refer to Drawings
	Here	Lettering						Contact: Refer to Drawings
	& Pick Up	Mounting: Chain						
	Here	Sign 1: Order Here, 18"W x 10"H						
DOD	<u> </u>	Sign 2: Pick Up Here, 21"W x 10"H						
D8D	Mobile	Not Applicable						
	Order							
	Pick Up Here							
	пете							
D9A	Have It Your	Not Applicable						
	Way LED							
	Sign							
	(optional)							
D9B	Drawn Flama	Not Applicable	_					
Dap	Grilling	Not Applicable						
	Crown Sign							
	(optional)							
	(optional)							
D10A	Exterior	Item: 40"W x 54"H Framed Posters		Х		Х		Qty: 1, 2 or 3 (as space allows)
	Drive-Thru	Refer to Architecturals for						Come Home Defends Drawings
	•	Installation Information	1					Supplier: Refer to Drawings
	(required)							Contact: Refer to Drawings  Not Applicable to Pavilion Bldg
D10B	Exterior	Item: 120"W x 60"H Vinyl,		х		Х		Qty: 1
	Whopper	(size may vary per site)						Supplier: Refer to Drawings
	Billboard	Refer to Architecturals for	1					Contact: Refer to Drawings
	(Optional)	Installation Information						Contact: Refer to Drawings Not Applicable to Pavilion Bldg

		Interior Building Finishes	Sup	plier	Inst	aller	BK	
Item	Description	Finish	_	Others		Others		Notes
B1A	Main Floor	Manufacturer: Eurowest		X		X		Floor tile must exceed 0.42 SCOF
	Tile and	Item: TCG2424027SQ (floor tile)					CT-25G	Minimum (Dry and Wet) Standard
	Base Tile	Color: Simply Gray Honed (rectified)						per ASTM F1677-05. It must meet
		Size: 24"x24" (floor tile)						Corporate Approved Guidelines
		Item: TCG1224027SQ (base tile)					CT-26G	and follow ANSI A108.01 and
		Color: Simply Gray Honed (rectified)						A108.02.
		Size: 6"x24" (cut from 12"x24" field tile)						71100.02.
		Grout: CBP, Fusion Pro Single Comp.,					GR-15G	Install: Refer to Plans
		#335 Winter Gray, 1/16"					OIX 100	mount refer to riune
B1B	Accent Floor	Manufacturer: Eurowest		Х		Х		Eurowest Contact: 714.309.9551
5,5	Tile	Item: IRG 0624123 (rectified)		^		^	CT-28G	Rep: Jan Deter
	THE RESERVE OF THE PARTY OF THE	Color: Larch US (French Wood)					0, 200	Additional supplier(s) available
	(Light Wood)	Size: 6"x24"						per BKC Finish Schedule
		Grout: CBP, Fusion Pro Single Comp.,					GR-15G	
		#335 Winter Gray, 1/16"					Citeriou	
B1C	Accent Floor	Manufacturer: Eurowest		X		Х		Grout Note: Prolite® Premium
5 10	Tile	Item: IRG 0624122 (rectified)		^		^	CT-29G	Large Format Tile Mortar,
							5 1-296	Rapid Set
	(Dark Wood)	Size: 6"x24"						ιαρία σστ
		Grout: CBP, Fusion Pro Single Comp.,					GR-15G	
		#335 Winter Gray 1/16"					GK-13G	
B2A	Tile Base	See B1A, See Plans for Usage		Х		v		See Also Architecturals for Details
B2B	Kitchen	Manufacturer: Eurowest		X		X		Eurowest Contact: 714.309.9551
DZD		AND THE RESIDENCE OF THE PROPERTY OF THE PROPE		^		<b>X</b>	CT 40C	
	Floor	Item: TCG1212142, Capitol Gray TX					C 1-10G	Rep: Jan Deter
	Tile	Tile Size: 12" x 12"					OT 440	Additional supplier(s) available
		Cove Base: TCG612C142-6" x 12' base					C1-11G	per BKC Finish Schedule
		TCG60C142-6" x 1" Comer						
		Grout: CBP, CEG-IG Industrial Grade					GR-6G	
		100% Solids Epoxy Grout,						
DOO		#370 Dove Gray						
B2C	Floor	Manufacturer: Schluter Systems		X		X		2 1 1 700 050 0010
	Transition	Series: Transition Profiles for Floors						Contact: 786-858-0010
	Strip	Schiene (Radius) AE 100-R					TS-1G	Rep: Rosanna Ruiz
		Finish: Satin Anodized Aluminum						
DOD		Size: 3/8"				.,		N . 5 . 11 . 0 . 1 . 11 . 11
B2D	Floor to	Manufacturer: Schluter Systems		Х		Х		Note: For Use Only When
	Wall Cove	Item: Cove-Shaped Profile, DILEX-HKU						Required by CA Health Dept.
	Trim	Finish: Brushed Stainles						Contact: 786-858-0010
	(If required)	Size: 3/8"						Rep: Rosanna Ruiz
ВЗА	Under	Manufacturer: Eurowest		Х		X		Install: Refer to décor elevations,
	Service	Item: IRG 0624123 (rectified)					CT-28G	No base tile
	Counter,	Color: Larch US (French Wood)						
	Service Area							Eurowest Contact: 714.309.9551
	Side Wall,	Grout: CBP, Fusion Pro Single					GR-17G	Rep: Jan Deter
	<b>Drink Station</b>	Component, #145 Light Smoke, 1/16"Th						Additional supplier(s) available
	Side Walls							per BKC Finish Schedule
ВЗВ	Tile at	Manufacturer: Eurowest		X		Х		Install: Horizontal stacked bond
	Service	Item: TCG1224027SQ					CT-27G	to floor - no base tile.
	Area Side	Color: Simply Gray Honed (rectified)						Eurowest Contact: 714.309.9551
	& Corridor	Size: 12"x24"						Rep: Jan Deter
	Wall	Grout: CBP, Fusion Pro Single Comp.,					GR-15G	Additional supplier(s) available
	1	#335 Winter Gray 1/16"						per BKC Finish Schedule
		ŕ						Grout Note: Prolite® Premium
								Large Format Tile Mortar,
								Rapid Set
ВЗС	Accent	Not Applicable						·
	Laminate at							
	Service Area							
	o , ou							



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THESE DOCUMENTS REFLECT SPECIFIC SEATING AND DECOR EQUIPMENT ORDERED OF DATE SHOWN BELOW.

CLIENT:



Burger King # 5427 344 W Trenton Av Morrisville, PA Decor: Garden Grill **Building Type: Custom** 

CUSTOMER AMPLER DEVELOPMENT

SHEET TITLE: SPECIFICATIONS

WORK ORDER NUMBER:

FINALS BY:

DRAWN BY: JOE LOGSDON SCALE:

NTS

ORIGINAL DATE:

December 2, 2021 PLOT DATE:

February 17, 2022

PROJECT #:

22833-001 SHEET #:

D8.2

		Interior Building Finishes	Sup	plier	Inst	aller	BK	
Item	Description	Finish		Others	FCC	Others	Codes	Notes
B3D	Tile at	Manufacturer: Eurowest		Х		Х		Install: Horizontal stacked bond
	Back of	Item: TCG2424027SQ					CT-25G	to floor - no base tile.
	Drink Station	Color: Simply Gray Honed (rectified)						Eurowest Contact: 714.309.9551
		Size: 24"x24"						Rep: Jan Deter
		Grout: CBP, Fusion Pro Single Comp.,					GR-15G	Additional supplier(s) available
		#335 Winter Gray 1/16"						per BKC Finish Schedule
								Grout Note: Prolite® Premium
								Large Format Tile Mortar,
								Rapid Set
B4A	Back of	Manufacturer: Marlite		Х		X		Marlite Cust. Serv.: 330.343.6621
	House	Series: FRP Symmetrix, A916 G312R					FRP-1G	Rep: Anita Craig,
		Panel Color: White/Black Core,						acraig@marlite.com
		No Top Coat (Grey Score Line)					TR-3G	
		Trim: FRPMOLD BK Nickel Anodized						
		Edge Trim: A570, 8' lengths						Option:
		O/S Trim: A560, 8' lengths						White Subway Tile, See B9A
		I/S Trim: A551, 8' lengths						
		Panel Sizes: 4'x8' or 4' x 10'						
		Seatlant: Gray Sealant 509, WM46651						
B5A	Wainscot	Supplier/Item: Marlite, Allure Panel	Х			X		Install: Wood grain runs vertically
	(Lower Wall	Color: Nevamar, WF001-T Macchiato						
	Surface)						WP-2G	Panel Qty (4' x 4'): 46
		Panel Size: 4' x 4'						Divider Trim AP-30N (9'):11
		Trim: Match to Marlite Macchiato						Edge Trim AP-28N (9'): 34
								I/C AP-32N (9'): 6
		Adhesive: By Others		Х		Х		
DCA	OI .	04:1 FDD0004						04. (400.45
B6A	Chair	Style: FDBC084	Х			Х	SS-8G	Qty. (12'):15
	Rail	<i>Material:</i> Solid Surface, Corian, Deep Nocturne					33-8G	
		Size: 1" x 2"						
B7A	Main Wall	Manufacturer: Paint, PPG		Х		Х		PPG Contact: Daniel Huber,
5171	Finish	Primer: 6-4900XI Speedhide Zero VOC		_ ^		^		713.702.3636, daniel.huber@ppg.com
	i iiiioii	Int. Latex Satin						Additional supplier(s) available
		Paint: 6-4310XI Speedhide Zero VOC					P-15G	per BKC Finish Schedule
		Int Latex Eggshell						per 2.10 i imari conocure
		Color: Ashen, PPG1023-3						
B8A	Accent	Manufacturer: Pine Hall Brick		Х		Х		Install: Horizontal, 50% offset.
	Brick	Series: Thin Clad Veneer						include base tile to match floor
	Finish	Color: Old Irvington					BR-2G	morado pado ano to matem modi
		Size: 7 5/8" x 3 5/8" x 1/2"						Pine Hall Contact: Preston Steele
		Grout: Lehigh Hanson, B-12C/B-12,					EGR-1G	E-mail: psteele@pinehallbrick.com
		Gingerbread, Ohio River Masonry Sand						Additional supplier(s) available
		J, 24114						Grout Contact: Carl Applebaum,
								502-523-2666, carl.applebaum @ lehighhanso n.co m
B8B	Wall Tile	Manufacturer: Schluter Systems		Х		Х		Contact: 786-858-0010
	Corner	Finish: Satin Nickel Anodized Alum.					TR-1	Rep: Rosanna Ruiz
	Trim	Style: QUADEC Q100AT 3/8"						•
B9A		Manufacturer: Eurowest		Х		Х		Install: Horizontal, 50% offset
		Item: 1318glosswht1					CT-31G	,
	Area	Color: White, Glossy						Eurowest Contact: 714.309.9551
	Back Wall	Size: 3" x 12"						Rep: Jan Deter
		Grout: CBP, Fusion Pro Single Comp.,					GR-18G	Additional supplier(s) available
		#543 Driftwood, 1/8"Th						
B10A	Window	Material: Solid Surface	Х			Х		Qty. (12'):5
	Sills	Corian, Deep Noctume					SS-8G	
		Thickness: 1/2"						

		Interior Building Finishes	Sun	plier	Inst	aller	BK	
Item	Description	Finish	FCC	Others	FCC	Others	Codes	Notes
B11A	Interior Doors and Frames  Kitchen Door & Frame (Kitchen Side Only)	Finish: Laminate, Nevamar WK0017T Venerable Old Oak (grain) Frames: Clear Anodized Aluminum Finish: Paint, PPG Primer: 90-712 Pitt Tech Paint: 6-1510XI, Speedhide Int/Ext WB Alkyd Semi Gloss Color: Ashen, PPG1023-3 Not Applicable	FCC	X	rcc	X	PL-9G	Nevamar Contact: 877.726.6526 Rep: John Trulock PPG Contact: Daniel Huber, 713.702.3636, daniel.huber@ppg.com Additional supplier(s) available per BKC Finish Schedule
B12A	Open Truss Ceiling & BKoT Upper Wall Finish	Not Applicable						
B12B	Acoustical Ceiling Tile	Item: Armstrong, Cortega PN91311, #770 Size: 2' x 2' x 5/8" Tile Color: Custom Color, Sepia Edge: Flat In-Lay 15/16 Grid: Prelude 15/16", Exposed Tee Grid Color: Custom Color, Sepia		х		х	ACT-1G	Option to B12A Open Truss  Contact: 252-214-4426  Rep: Cheryl Smith
B12C	Kitchen Acoustical Ceiling Tile	Item: Armstrong, Kitchen Zone #BP672 Size: 2' x 4' x 1/2" Tile Color: White Grid: Prelude 15/16" Exposed Tee Grid Color: White		х		х	ACT-2G	Contact: 252-214-4426 Rep: Cheryl Smith Additional supplier(s) available per BKC Finish Schedule
B12D	Acoustical Ceiling Tile (Play Area, if applicable)	Item: Armstrong, Fine fissured #1732 Size: 2' x 2' x 3/4" Tile Color: White (Upgrade: Adobe) Grid: Angled Tegular 15/16" Grid Color: White (Upgrade: Adobe)		х		Х	ACT-3G	Contact: 252-214-4426 Rep: Cheryl Smith Additional supplier(s) available per BKC Finish Schedule
B12E	Drywall Ceiling (existing)	Finish: Paint, PPG Primer: 6-4900XI Speedhide Zero VOC Int Latex Satin Paint: 6-4310XI Speedhide Zero VOC Int. Latex Eggshell Color: White on White 30GY 88/014		Х		х	P-5G	Refer to RCP for GC installed recessed light locations  PPG Contact: Daniel Huber, 713.702.3636, daniel.huber@ppg.com  Additional supplier(s) available per BKC Finish Schedule
B13A	Soffits	Finish: Paint, PPG Primer: 6-4900XI Speedhide Zero VOC Int Latex Satin Paint: 6-4310XI Speedhide Zero VOC Int. Latex Eggshell Color: White on White 30GY 88/014		х		х	P-5G	Refer to RCP for GC installed recessed light locations  PPG Contact: Daniel Huber, 713.702.3636, daniel.huber@ppg.com  Additional supplier(s) available per BKC Finish Schedule
B13B	Drywall Transition Reveal Trim	Manufacturer: Trim-Tex Drywall Products Item: Silver Architectural Reveal Bead, AS5110S Size: 1/2" x 1/2" x 10' lengths		х		Х		If 6" x 6" perimeter soffit is omitted from BKoT bldg, this trim must be used between P-15G main wall finish and P-6G Upper Wall Finish



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CLIENT:



Burger King # 5427 344 W Trenton Av Morrisville, PA Decor: Garden Grill Building Type: Custom

CUSTOMER AMPLER DEVELOPMENT

SHEET TITLE: SPECIFICATIONS

WORK ORDER NUMBER:

FINALS BY:

DRAWN BY: JOE LOGSDON SCALE:

NTS ORIGINAL DATE:

December 2, 2021
PLOT DATE:

February 17, 2022

PROJECT #: **22833-001** 

SHEET #: **D8.3** 

		Interior Building Finishes	Sup	plier	Inst	taller	BK			Restroom	Interior Finishes
Item	Description		FCC	Others	FCC	Others	Codes	Notes	Item	Description	Finish
B14A	Suspended 3D Lam Trellis	NOT APPLICABLE							R1A	Restroom Sink	Style: Custom Trough Finish: Solid Surface, Glacier White Size: 18"D x 22"W x
B14B	Slat Laminate Soffit	Side 1 Finish: Laminate, Nevamar WZ2001T Santa Rosa Plum Side 2 Finish: Laminate, Nevamar	X			Х		Side 2 to be installed facing windows.	R1B	Faucet	Manufacturer: Grohe Model: Eurosmart Co Finish: Chrome
		SO3300 SD, Café Sienna  Edge: Rehau, 592E Multiplex  Thickness: 1-1/4" Thick x 6"High  Hardware: Powdercoat, Tiger, BLM 38/60400, Sudan Brown	L				PL-18G MEB-1G	End slat at window to be side 1 finish, both sides.	R2A	Stall Doors and Frames	Finish: Laminate, New WK0017T Venerable Construction Frames: Clear Anodiz Finish: Paint, PPG Primer: 90-712 Pitt Telephone Construction Construction Frames: Primer: 90-712 Pitt Telephone Construction
	Vestibule	Interior Finishes	Supp	lier	Instal	ller	ВК				Paint: 6-1510XI, Spee Alkyd Semi Gloss
Item	Description	Finish		Others			Codes	Notes			Color: Ashen, PPG10
V1A	Wainscot (Lower Wall Surface)	Finishes to Match Dining Room See B5A for Specification	Х			Х	WP-2G		R3A	Soap Dispenser	Style: Dispenser 6562 Mounted, Tank-type H
V2A	Chair Rail	Finishes to Match Dining Room See B6A for Specification	Х			Х	SS-8G		R3B	Hand	Finish: Stainless Stee World Dryer: Q-974A
V3A	Main Wall Finish	Finishes to Match Dining Room See B7A for Specification		Х		Х	P-15G			Dryer	Excel Dryer: XL-BW E ASI: 10-0135-1
											Or Approved Hand D

	Restroom	Interior Finishes	Sup	plier	Inst	aller	BK	
Item	Description	Finish	FCC	Others	FCC	Others	Codes	Notes
R1A	Restroom	Style: Custom Trough Corian Sink		Х		X		HJC Corp: barry.bryant@hjcinc.com
	Sink	Finish: Solid Surface, Corian,						OR Restroom Remodels Co.:
		Glacier White						keith@restroomremodels.com
		Size: 18"D x 22"W x 5"H						
R1B	Faucet	Manufacturer: Grohe		Х		Х		
	Val. 6496 43692-15065 136	Model: Eurosmart Cosmopolitan		304 130		152 800		
		Finish: Chrome						
R2A	Stall	Finish: Laminate, Nevamar		Х		X		Install: Wood Grain Runs Vertically
	Doors and	WK0017T Venerable Old Oak (grain)		15.5				
	Frames	Frames: Clear Anodized Aluminum					PL-9G	Nevamar Contact: 877.726.6526
	114	Finish: Paint, PPG						Rep: John Trulock
		<i>Primer:</i> 90-712 Pitt Tech						PPG Contact: Daniel Huber,
		Paint: 6-1510XI, Speedhide Int/Ext WB					P-4G	713.702.3636, daniel.huber@ppg.com
		Alkyd Semi Gloss					. 40	7 10.702.5000, damer.maser@ppg.com
		Color: Ashen, PPG1023-3						Additional supplier(s) available
		60101. Ashch, 1 1 0 1020-0						per BKC Finish Schedule
R3A	Soap	Style: Dispenser 6562, Surface		Х		Х		HJC Corp: barry.bryant@hjcinc.com
INOA	Dispenser	Mounted, Tank-type Horizontal Valve		^		^		OR Restroom Remodels Co.:
	Disperiser	Finish: Stainless Steel						keith@restroomremodels.com
R3B	Hand	World Dryer: Q-974A or,		Х		Х		Keini@lestroomemodels.com
IVOD		Excel Dryer: XL-BW BMC or,		^		^		
	Dryer	ASI: 10-0135-1						
		ASI: 10-0135-1						
		On Americand Hand Division Onthers						
D 4 4	11.21	Or Approved Hand Dryer Option		. v				
R4A	Urinal	Style: Toto UT104E, TopSpud Inlet, Color: #01 Cotton		X		X		
		Color. #01 Collon						
R4B	Toilet	Style: American Standard, Madera,		Х		Х		
K4D	Tollet			^		^		
		16-1/2"H, 1.6gpf, Flushometer sytem						
DEA	147 11	with everclean		. v				
R5A	Wall	Style: BOBRICK B-165 2436		Х		X		
DED	Mirrors	Channel Frame Mirror						
R5D	Waste	Not Applicable						
DEE	Receptacle	Ot to DODDION D C747 Ourfree		. v		, , ,		
R5F	Coat	Style: BOBRICK B-6717 Surface		X		X		
DEO	Hook	Mounted Single Robe Hook, Stainless						
R5G		Style: BOBRICK B-35903		Χ		X		
DELL		Recessed Mounted Towel Dispenser		. v		, , ,		
R5H	Baby	Style: Koala Kare KB110-SSRE		Χ		X		
	Changing	Finish: Stainless Steel						
	Table	Optional						
		Style: Koala Kare KB200-05						
		Finish: Polypropylene						
		Optional						
		Style: Custom Corian						
		Finish: Corian, Glacier White	<u></u>	<u> </u>		<u> </u>		



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Burger King # 5427 344 W Trenton Av Morrisville, PA Decor: Garden Grill Building Type: Custom

CUSTOMER AMPLER DEVELOPMENT

SHEET TITLE: SPECIFICATIONS

WORK ORDER NUMBER:

FINALS BY:

DRAWN BY: JOE LOGSDON SCALE:

NTS

ORIGINAL DATE:

December 2, 2021 PLOT DATE:

February 17, 2022

PROJECT #:

22833-001

SHEET #: D8.4

	Restroom	Interior Finishes	Sup	plier	Inst	aller	BK	
Item	Description	Finish	FCC		FCC		Codes	Notes
R6A	Floor Tile	Manufacturer: Eurowest Item: TCG1224027SQ Color: Simply Gray Honed (rectified)		Х		Х	CT-27G	Install: Stacked bond Eurowest Contact: 714.309.9551 Rep: Jan Deter
		Size: 12"x24" Grout: CBP, Fusion Pro Single Comp., #335 Winter Gray 1/16"					GR-15G	Additional supplier(s) available per BKC Finish Schedule Grout Note: Prolite® Premium Large Format Tile Mortar,
R6B	Cove Base Profile Trim	Item: Schluter, Dilex-AHK100AT Finish: Satin Nickel Anodized Alum Size: 3/8"		Х		Х		Rapid Set Install between floor tile and base tile Contact: 786-858-0010 Rep: Rosanna Ruiz
R6C	Base Tile Trim	Item: Schluter, Quadec Q100AT, 3/8" Finish: Satin Nickel Anodized Alum Size: 3/8"		х		х	TR-1G	Install between top of base tile and wall tile Contact: 786-858-0010 Rep: Rosanna Ruiz
R7A	Grey Wall Tile	Manufacturer: Eurowest Item: TCG1224027SQ Color: Simply Gray Honed (rectified) Size: 12"x24" Grout: CBP, Fusion Pro Single Comp., #335 Winter Gray 1/16"		х		х		Install: Horizontal stacked bond Eurowest Contact: 714.309.9551 Rep: Jan Deter Additional supplier(s) available per BKC Finish Schedule Grout Note: Prolite® Premium Large Format Tile Mortar, Rapid Set
R7B	Red Wall Tile	Manufacturer: Eurowest Series: Sensible Stone, ED5052 Color: Sign Red Natural Size: 12"x24" Grout: CBP, Fusion Pro Single Comp., #335 Winter Gray 1/16"		Х		Х		Install: Vertical stacked bond Eurowest Contact: 714.309.9551 Rep: Jan Deter Additional supplier(s) available per BKC Finish Schedule Grout Note: Prolite® Premium Large Format Tile Mortar, Rapid Set
R7C	Wood-look Wall Tile (light wood)	Manufacturer: Eurowest Item: IRG 0624123 (rectified) Color: Larch US (French Wood) Size: 6"x24" Grout: CBP, Fusion Pro Single Comp., #335 Winter Gray 1/16"		Х		Х		Install: Horizontal stacked bond Eurowest Contact: 714.309.9551 Rep: Jan Deter Additional supplier(s) available per BKC Finish Schedule Grout Note: Prolite® Premium Large Format Tile Mortar, Rapid Set
R8A	Ceiling Finish	Finish: Paint, PPG Primer: 6-4900XI Speedhide Zero VOC Int Latex Satin Paint: 6-4310XI Speedhide Zero VOC Int. Latex Eggshell Color: White on White 30GY 88/014		х		Х	P-5G	PPG Contact: Daniel Huber, 713.702.3636, daniel.huber@ppg.com  Additional supplier(s) available per BKC Finish Schedule

		Interior Lighting Finishes	Sup	plier	Inst	aller	BK	
Item	Description	Finish		Others		Others		Notes
L1A	Accent Pendant Lighting	Supplier: Nautical Furnishings Part #: SP30S-18-60D-927-03 (BK304) Finish: Cast Aluminum w/ Orange Acce		Х		Х	Α	Contact: 954.771.1100 Rep: Michael Hoglund
	(center tables)	Lamp: Edison, LED, 10W 2700K						Install bottom of pendant 6'-6" AFF
L1B	Accent Pendant Lighting	Supplier: Nautical Furnishings Part #: BK305 Finish: Antique Bronze w/ Cage		Х		Х	В	Contact: 954.771.1100 Rep: Michael Hoglund
	(community tables)	Lamp: Edison LED 8W 2700K or Clear Antique Style LED, 6W 2700K						Refer to plans for installation heights
L1C	White Can Light (placed in drywall soffits)	Item: 4" Dia White Recessed Downlight Part #: Juno, SP36671-WHTRM Size: 4" Downlight		X		Х		Contact: 615.843.3379 Rep: Wyatt Culver, Hermitage Light. Email: wyattc@hlg.co
L1D	Black Can Light (used with ceiling tile only)	Item: 4" Dia Black Recessed Downlight Part #: SP36671-BLTRM Size: 4" Downlight Trim: Black		х		Х	C4b at ACT	Contact: 615.843.3379 Rep: Wyatt Culver, Hermitage Light. Email: wyattc@hlg.co
L1E	White Wallwasher (placed in soffits to highlight walls)	Item: 4" D White Recessed Wallwasher Part #: Juno, SP36671G2 Size: 4" Wallwasher Trim: #39, White Lamp: 12.5 Watt, 3000K		х		Х	<b>D4w</b> at GWB	Contact: 615.843.3379  Rep: Wyatt Culver, Hermitage Light.  Email: wyattc@hlg.co
L1F	Black Wallwasher (used with ceiling tile only)	Item: 4" D Black Recessed Wallwasher Part #: SP36671G2/39C BL RFD44875 Size: 4" Wallwasher Trim: Black Lamp: 12.5 Watt, 3000K		X		X	D4b at ACT	Contact: 615.843.3379  Rep: Wyatt Culver, Hermitage Light.  Email: wyattc@hlg.co
L1G	Track Lighting (to accent wall shelves in lounge)	Item: Track Lighting Part #: Juno, R600L3KNBZ Sizes: 8' or 4' lengths Finish: Bronze Lamp: 10 Watts, 2700K		х		Х	E	Contact: 615.843.3379  Rep: Wyatt Culver, Hermitage Light.  Email: wyattc@hlg.co
L1H	Queuing Area Lighting (open truss only)	Item: Queue Area Pendant Light Part #: SCG-CM-BL-GU24-CR6-800L- 30K-120V-GU24CTGA Item #: SC6CMBLGU24/CR6T-825L- 30K/C6RT-TRMBKBB-1		х		Х	F	Contact: 847.830.1444 Rep: Steve Friedman, Cree Ltg. Email: steve.friedman@cree.com  Bottom of light to align with FSC Soffit
L1I	Accent Trellis Lighting	Not Applicable						
L1J	Accent Trellis Lighting (Adjustable)	Not Applicable						
L1K	Sconce Light (optional)	Supplier: Nautical Furnishings Item: #BK305, Bronze Cage Sconce Lamp: Edison LED 8W 2700K or Clear Antique Style LED, 6W 2700K		X		Х	B1	Contact: 954.771.1100 Rep: Michael Hoglund
Additi	anal cumpliar/e	available per BK Light Fixture Schedu	ιΙο Αναί	lahla at	dociani	vithhk c	om	

Additional supplier(s) available per BK Light Fixture Schedule Available at designwithbk.com

Specifications are for REFERENCE ONLY and are current from the date of the last revision. See architecturals for updated information. Contact FCC immediately with any modifications to building finishes.



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HESE DOCUMENTS REFLECT SPECIFIC SEATING AND ECOR EQUIPMENT ORDERED OF DATE SHOWN BELOW

CLIENT:



Burger King # 5427 344 W Trenton Av Morrisville, PA Decor: Garden Grill Building Type: Custom

CUSTOMER AMPLER DEVELOPMENT

SHEET TITLE: SPECIFICATIONS

WORK ORDER NUMBER:

FINALS BY:

DRAWN BY:
JOE LOGSDON
SCALE:

NTS

ORIGINAL DATE:

December 2, 2021

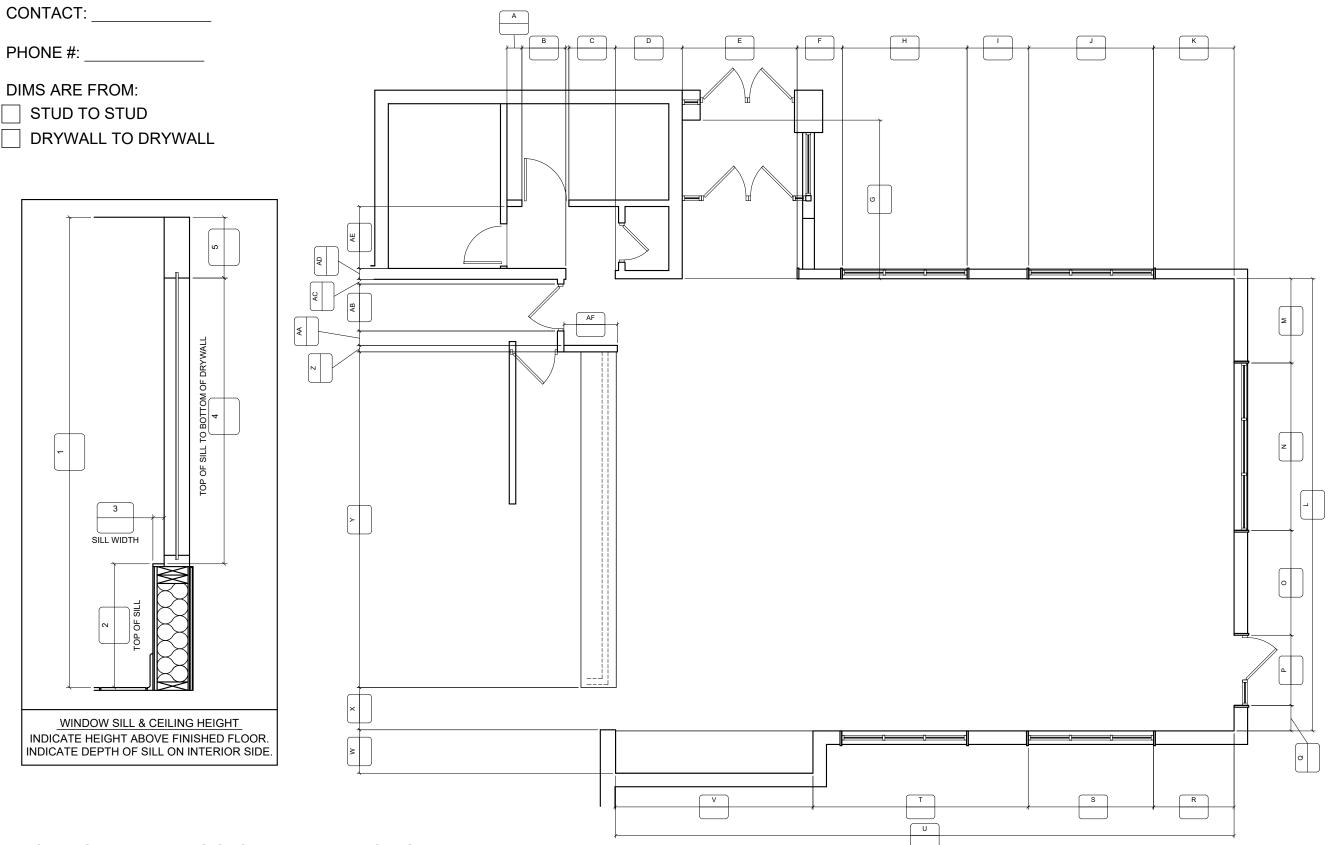
PLOT DATE: February 17, 2022

PROJECT #:

22833-001 SHEET #:

D8.5

PLEASE PROVIDE THE INFORMATION REQUESTED BELOW IN CASE THERE ARE ANY QUESTIONS ABOUT DIMENSIONS.



PLACE REQUIRED DIMENSIONS IN LETTERED BOXES.
PLEASE INDICATE OR NOTIFY FCC REGARDING CHANGES
OR MODIFICATIONS TO THE BUILDING; SUCH AS:
DOOR LOCATIONS, VESTIBULE(S), FURRING & WINDOWS.



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THE GENERAL CONTRACTOR MUST VERIFY ALL BUILDII DIMENSIONS, EQUIPMENT, FURNITURE PLACEMENT,

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CLIENT:



Burger King # 5427 344 W Trenton Av Morrisville, PA Decor: Garden Grill Building Type: Custom

CUSTOMER AMPLER DEVELOPMENT

SHEET TITLE: VERIFICATION PLAN

WORK ORDER NUMBER:

FINALS BY:

DRAWN BY:
JOE LOGSDON
SCALE:

NTS

ORIGINAL DATE:

December 2, 2021

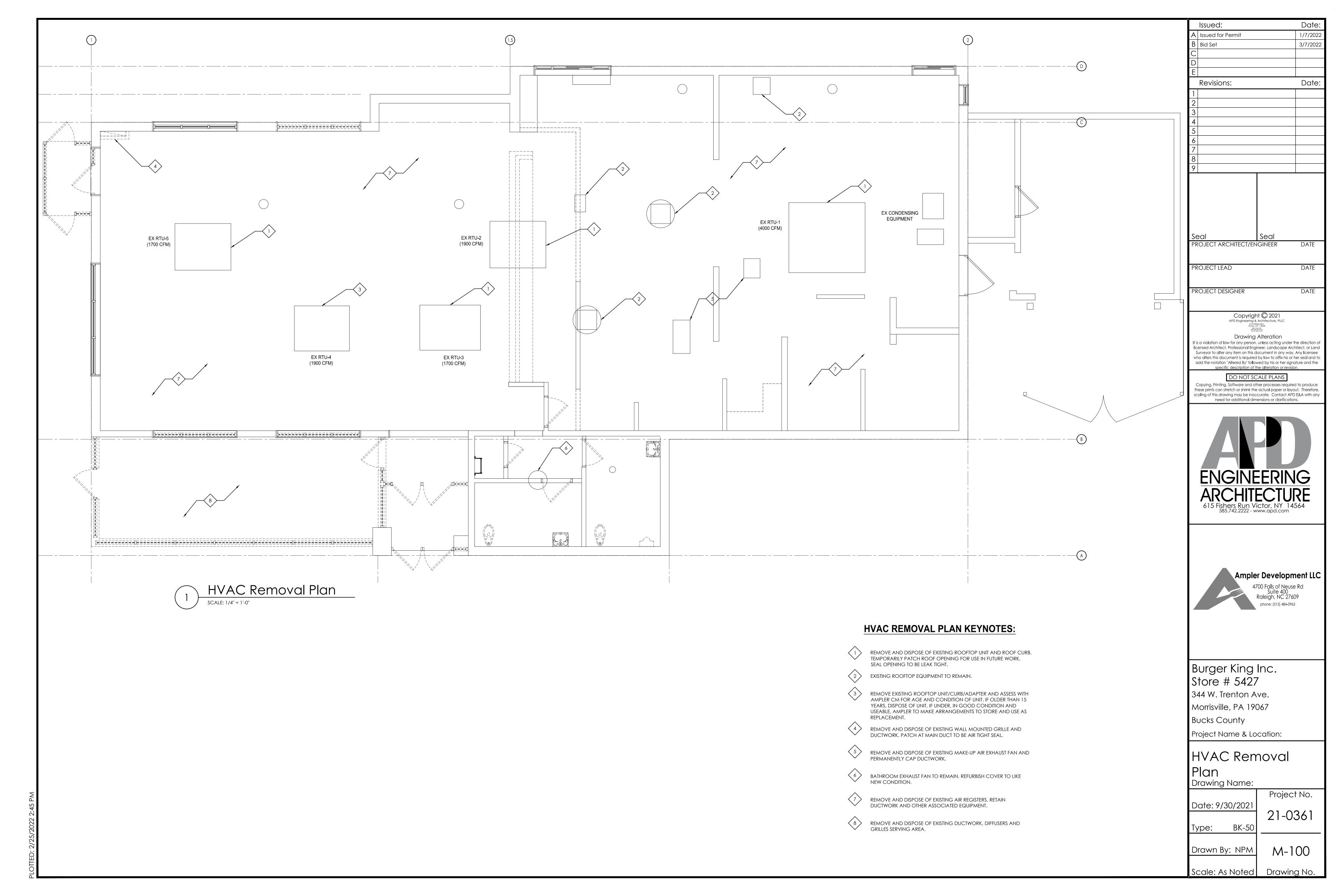
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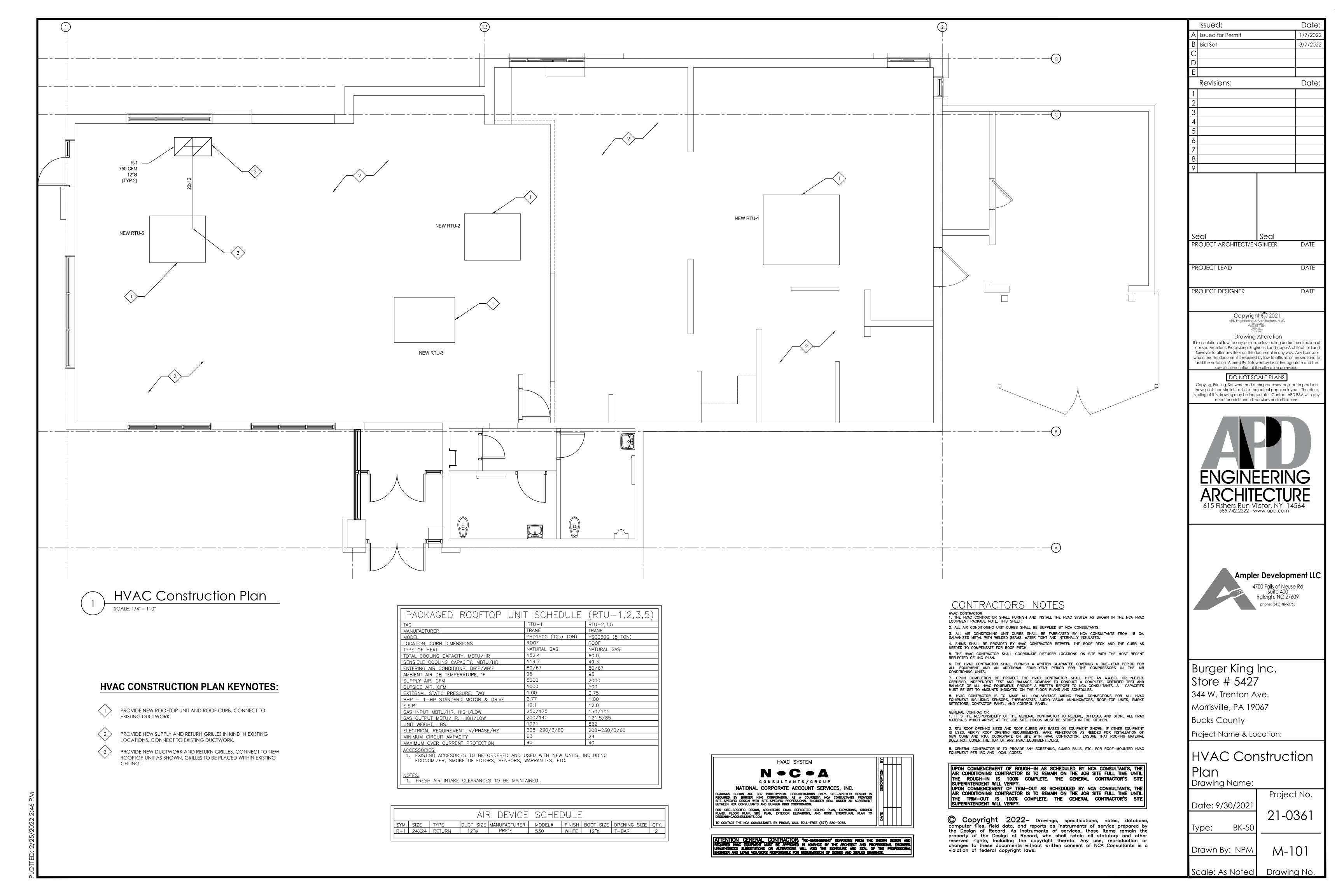
February 17, 2022

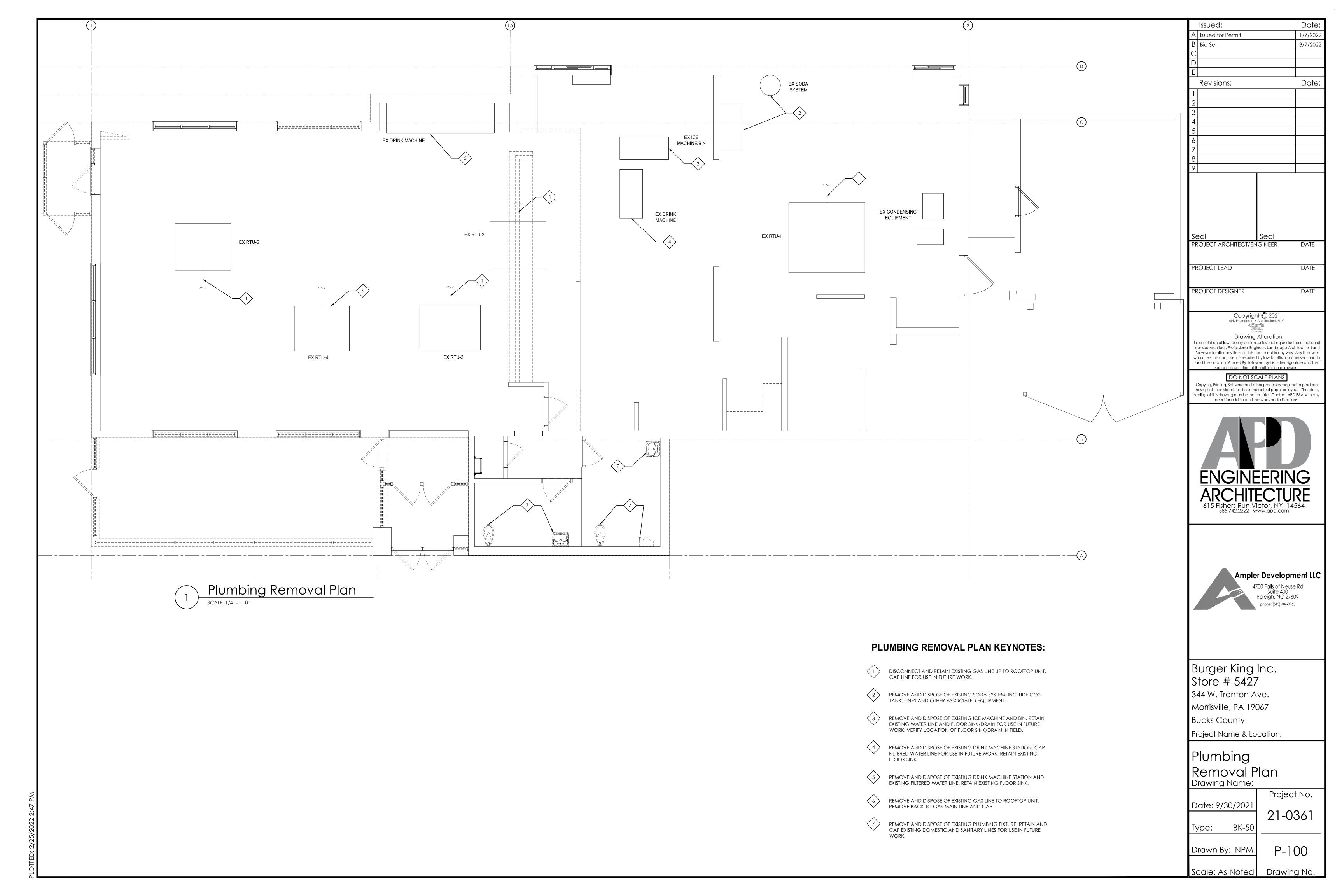
PROJECT #:

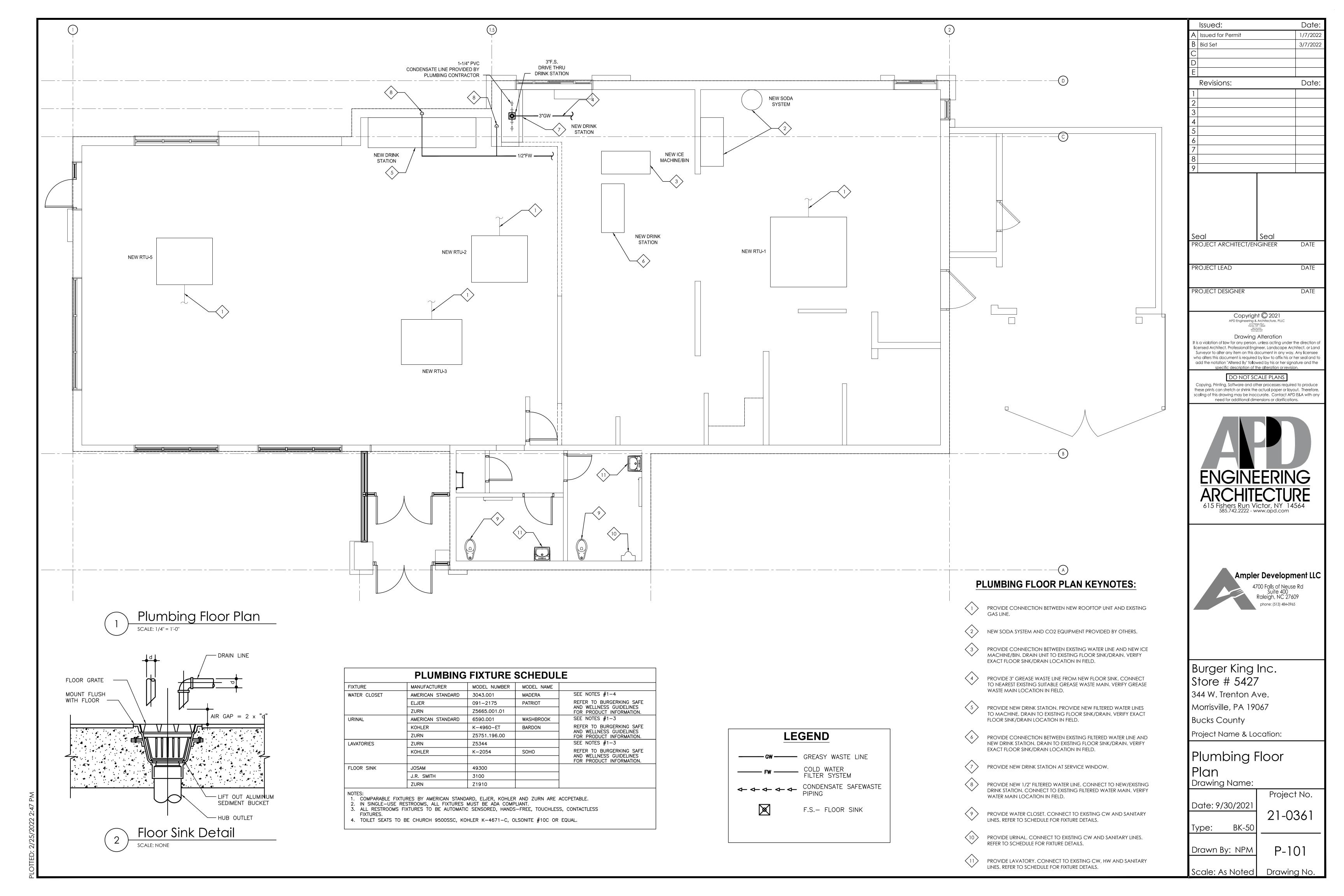
22833-001

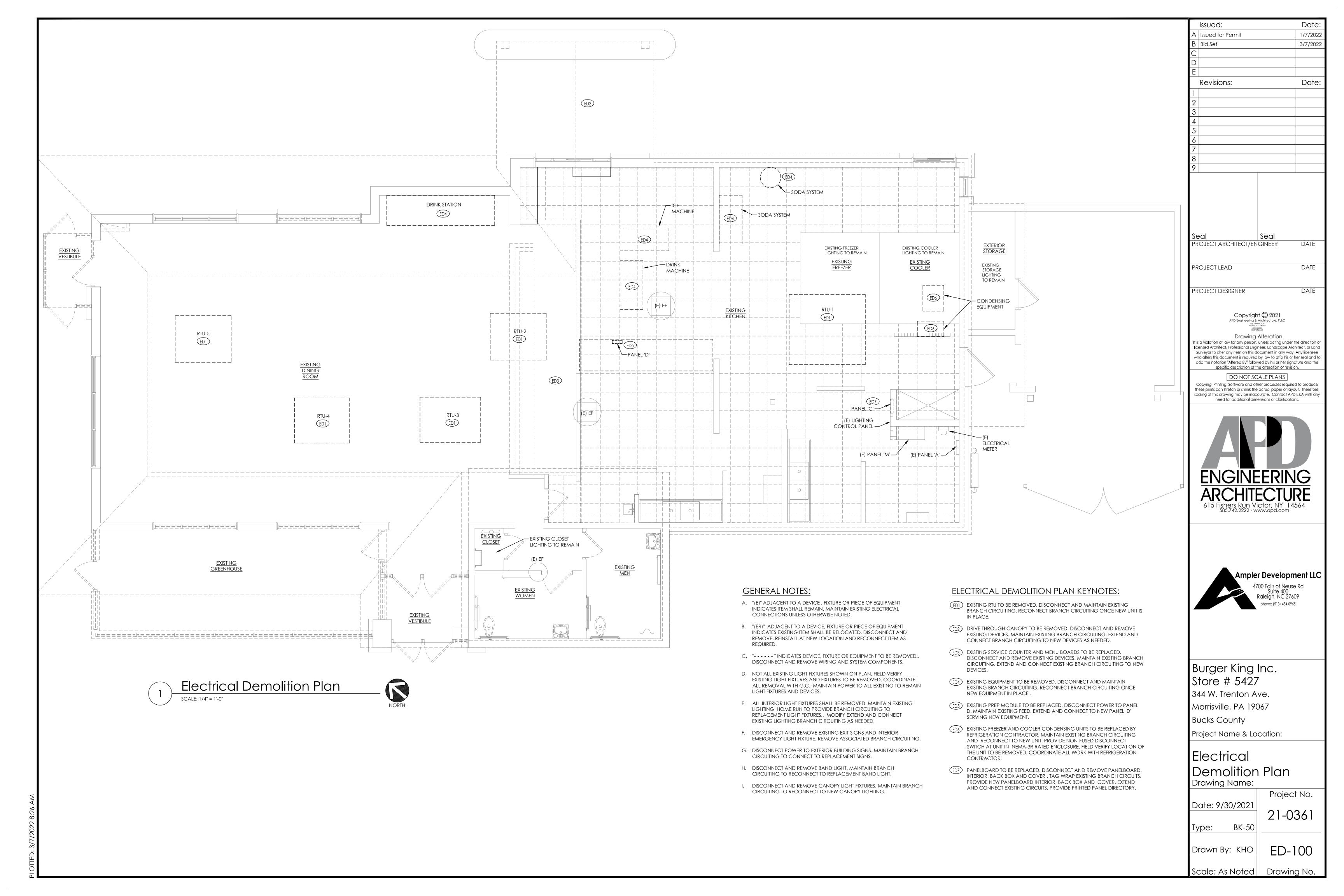
SHEET #: **D9.0** 

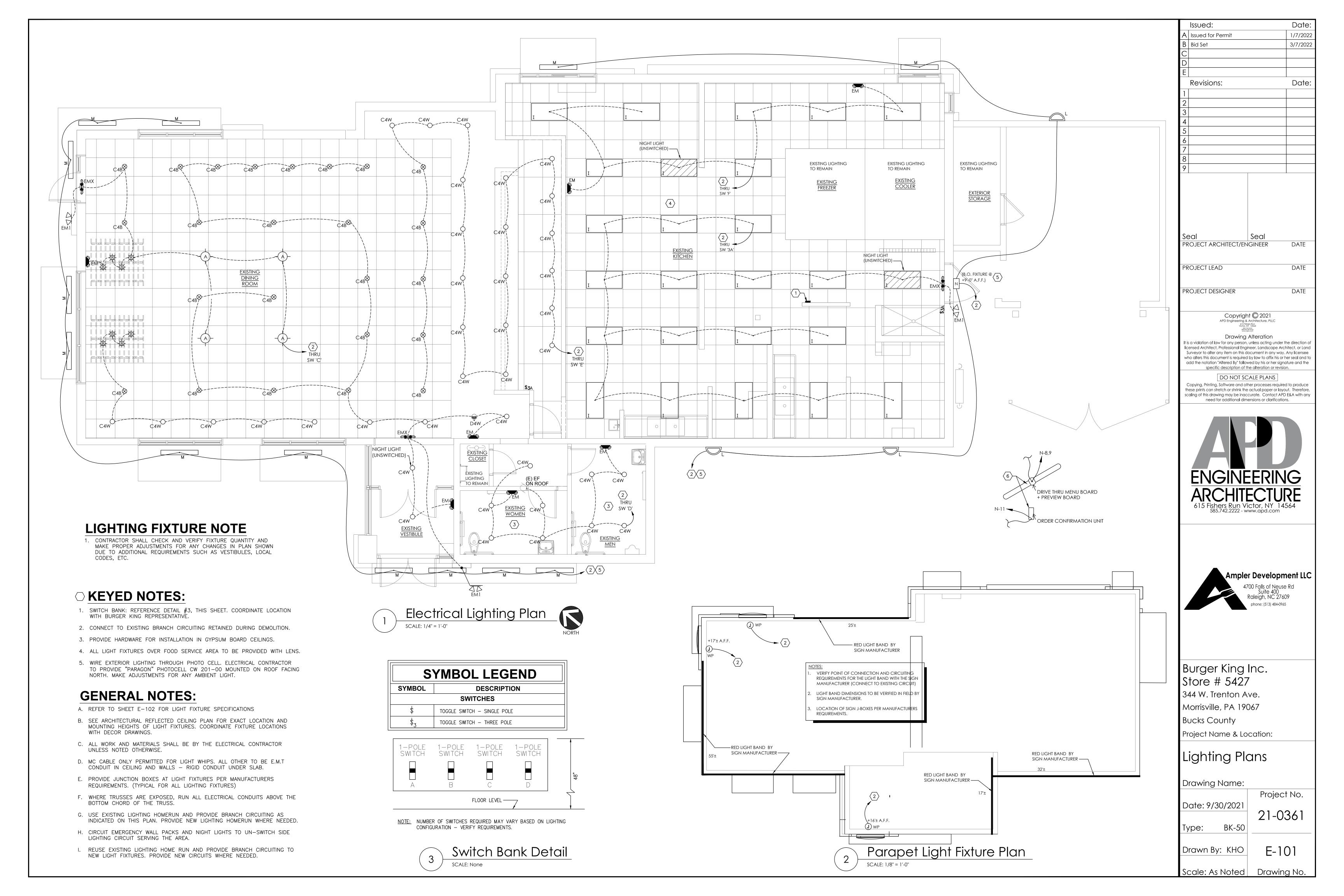












			BURGER KING 20/20 GARDE		RIOR			
			INTERIOR LIGHT FIXTURI	SCHEDULE				
			STANDARD TRELLIS	(6"x 6")				
TYPE		VENDOR	CATALOG No.	WATTAGE	COLOR TEMP	REMARKS		
			BK304 & SP30S-18-60D-927-03	1	00101111111	SHAKER PENDANT LAMP		
Α		NAUTICAL	LED EDISON STYLE 10 WATT	10	2700			
		NAUTICAL	BK305 & LED 8W EDISON INCANDESCENT	6		BRONZE CAGE PENDANT LIGHT		
В			LED CLEAR ANTIQUE STYLE 6 WATT		2700K			
		JUNO	SP36671-WHTRM	15	3000	1.4" DIAMETER, WHITE, RECESSED DOWN LIC		
C4w	W/A	CREE	CR4-575L-27K-12-E26	9.5	2700	2. TO BE USED WITH GWB CEILING		
		ENERGYWISE	EWMLEDDL4IN	11	2700			
		SECURITY	LB4A 6L 30K 9 WH / IBXQL	9	3000			
C4b		JUNO	SP36671-BLTRM			1. 4" DIAMETER, BLACK, RECESSED DOWN LIG 2. TO BE USED WITH ACOUSTICAL CEILING TIL		
		CREE	CR4-575L-27K-12-E26-MODBLK	9.5	2700	1. 4" DIAMETER, WHITE, RECESSED DOWN LIG		
54		JUNO	SP36671G2 / 39 WWH	12.5	3000	1.4" DIAMETER, WHITE, RECESSED DOWN LIF   WALL WASHER		
D4w		SECURITY	LBE4A 6L 30K 9 WH / IBXQL	9	3000	2. TO BE USED WITH GWB CEILING		
		JUNO	SP34378B-9-F1-SSN	10	3000	2" DIAMETER DOWN LIGHT, SATIN NICKEL FII		
G		ZANIBONI	D2LUNA20930A3CSNP0BK0P	9	3000			
		JUNO	SP34378A-930-F1-SN	10	3000	2" DIAMETER WALL WASHER, SATIN NICKEL F		
G1	36	ZANIBONI	D2LUN2O0930A3CSNP0BK0D	9	3000			
		CREE	CL-E-TFA04A-24R-40N	42	4000	1. TO BE USED IN KITCHEN		
		SECURITY	LJT24-40-MLG-FSA12-EU-C388	45	4000	2. 2x4 RECESSED		
I		LSI	SFP24 LED 50 UE DIM 40	50	4000			
		VAOPTO	VO-PL-2NW4-60	60	4000			
		ENERGYWISE	EWMLFP24EP4841	48	4100	1 EVERTOR WALL FIVELING		
		CREE	RS-42WLED-UD-SV-120-5300K	30	5300	1. EXTERIOR WALL FIXTURE 2. OPEN CANOPY FIXTURE		
		SECURITY	RWSC30LED-UD-PS-MT  WP36LF13X9U57KMSV	30 12 UP/12 DOWN	5000 5700	3. PROVIDED BY SIGN SUPPLIER WITH CANO		
L		LSI KONTECH	KON-60-WS-DU	60	5000	3. TROVIDED BY SIGN SOFT EIER WITH CARO		
	5	VAOPTO	VO-WS-DW60UD	60	5000			
		ENERGYWISE	EWKON-60-WS-DU	60	5000			
		KONTECH	KON-DVP-182-14-JY	40	5000	1. TO BE USED AT AWNINGS		
м	4	VAOPTO	VO-RP-40DW277-4	40	5000	2. OPTIONAL CLOSED CANOPY FIXTURE		
						3. PROVIDED BY SIGN SUPPLIER WITH		
		CREE	E.WP1X031Z7	27	4000	1. WALL MOUNTED SECURITY LIGHT		
		SECURITY	WGH-1LU-M	41	5000	2. BRONZE FINISH		
N		LSI	SFCMWBLEDPL150UEBRZ	33	5000			
		VAOPTO	VO-WP-DW-N50	50	5000			
		ENERGYWISE	EWALED-WPDS240	40	5000			
		CREE	EM22RWH	11		EMERGENCY LIGHT 		
	Market of The Control	SECURITY	CU2	1 (2) (2) (2)	3000			
EM		LSI	LTEMWH	(2) 1 LED	5000			
		VAOPTO ENERGYWISE	VO-EM  EWCU2	1	5000 3000			
		CREE	EXDMBRWH	11	3000	EXIT / EMERGENCY LIGHT		
		SECURITY	CCRRC	4				
EMX	EXIT	LSI	LPRXRUWBWHLD11R	(2) 1 LED				
		VAOPTO	VO-EMX-R1	2	5000			
		ENERGYWISE	EWCCR	4	3000			
EM1		CREE	C-EE-A-EMG-2L-REM-WET-ST-GR	REFER TO LIGHTING PLAN FOR LOCATIONS & QUANTITY				
	**************************************	<u> </u>	CONTACT INFORM	ATION	I			
	CREE		HERMITAGE "MASTER CONSOLIDATOR"		<u>iYWISE</u>	JUNO / ACUITY BRANDS		
	ELVIR SULJI 262-884-333	<b>I</b>	WYATT CULVER 615-843-3379	1	WADDICK 5-1336	BRETT D KINZLER  o 847-813-8350 m 847-312-1578		
esuliid	262-884-333 cereelight@		615-843-3379 wyatt@hlg.co		gywisemail.com	brett.kinzler@acuitybrands.com		
	ECURITY LIGHT	_	NAUTICAL FURNISHINGS		<u>)pto</u>	ZANIBONI LIGHTING		
	/HITNEY WAT		MICHAEL HOGLUND		A XU	JENNIFER MORRIS		
	630-550-932		954-771-1100		7-5789	727-213-0410		
quotation	ns@securityl	ighting.com	mhoglund@nauticalfurnishings.com	linda@va	opto.com	southeastusa@zanibonilighting.c		

CONTACT INFORMATION										
<u>CREE</u>	HERMITAGE "MASTER CONSOLIDATOR"	<u>ENERGYWISE</u>	JUNO / ACUITY BRANDS							
ELVIR SULJIC	WYATT CULVER	JENNIFER WADDICK	BRETT D KINZLER							
262-884-3332	615-843-3379	877-225-1336	<b>o</b> 847-813-8350 <b>m</b> 847-312-1578							
esuljic@creelighting.com	wyatt@hlg.co	jennifer@energywisemail.com	brett.kinzler@acuitybrands.com							
SECURITY LIGHTING	NAUTICAL FURNISHINGS	<u>VaOpto</u>	ZANIBONI LIGHTING							
WHITNEY WATSON	MICHAEL HOGLUND	LINDA XU	JENNIFER MORRIS							
630-550-9320	954-771-1100	702-517-5789	727-213-0410							
quotations@securitylighting.com	mhoglund@nauticalfurnishings.com	linda@vaopto.com	southeastusa@zanibonilighting.com							
<u>LSI</u>										
BOB LUCAS										
800-436-7800 Ext 4052										
bob.lucas@lsi-industries.com										
	NOTES									

. NOT ALL LIGHT FIXTURES TYPES SHOWN ON SCHEDULE MAY BE USED ON THIS PROJECT. REFER TO LIGHTING PLAN FOR PROJECT SPECIFIC TYPES AND QUANTITIES.

LARGEST MOTOR LOAD: x 0.25 0

PANELBOARD VOLTAGE / AMPERAGE 208 36

TOTALS WITH NEC FACTORS: VA 1:

. PENDANT FIXTURES "A" MUST BE CENTERED OVER TABLE TOPS. COORDINATE WITH DÉCOR DRAWINGS.

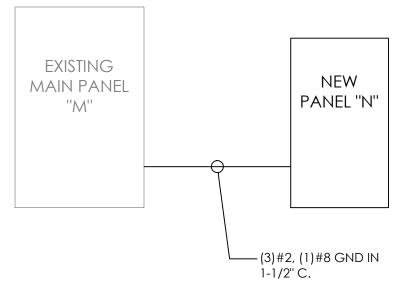
. CONTRACTOR TO NOTIFY LIGHTING SUPPLIER OF THE FOLLOWING: FIXTURE TYPES "C" AND "D" WILL BE REQUIRED TO BE LENS AT THE LOCATIONS OVER THE SERVICE AREA AND OVER THE SELF-SERVE DRINK AREA. FIXTURE TYPE "I" WILL REQUIRE A LENS OR TUBE GUARD AT THOSE LOCATIONS

MAIN BUS: 100 AMP M.L.O.										UTILITY A REA					:LOCATION			
VOLTAGE: 208Y/120 VOLTS, 3 PHASE, 4 WIRE + GND					PANELBOARD SCHEDULE							NEMA-1 RECESSED			:MOUNTING			
AIC: 10,000				] N [									MDP	:SOURCE				
TYPE: POWER & LIGHTING					]							REFER TO PARTIAL ONE- LINE DIAGRAM			:FEEDER			
CKT	AMP	Р	WIRE	LOAD	LTG.	RECEP.	EQUIP.	OTHER	PH	OTHER	EQUIP.	RECEP.	LTG. LOAD WIRE I			Р	AMP	
1	20	1	#12	DINING ROOM RECEPTA CLES		720			Α			720		DINING ROOM RECEPTA CLES	#12	1	20	2
3	20	1	#12	HOME OF W HOPPER SIGN - DINING		1000			В			900		S ERVICE COUNTER DIGITAL MENU BOARDS	#12	1	20	4
5	20	1	#12	TV RECEPTACLE - DINING		180			С				1200	FLAG POLE LIGHTS	#10	1	20	6
7	20	1	#12	DRIVETHRU PREVIEW BOARD LANE 1				720	Α		900			DIGITAL MENU BOARD LANE 2	#12	1	20	8
9	20	1	#12	DRIVETHRU PREVIEW BOARD LANE 2				720	В					SPARE		1	20	10
11	20	1	#12	OCU LANE 2				720	С					SPARE		1	20	12
13	20	1		SPARE					Α									14
15	20	1		SPARE					В		4860			SHAKE MACHINE	EXIST	3	30	16
1 <i>7</i>	20	1		SPARE					C									18
LOAD	TOTALS	:VA			0	1900	0	2160		0	5760	1620	1200			VA:	LOADT	OTALS
																		=
SUB- TOTAL					DEMAND FACTOR	TOTAL LOAD		<u>PAN</u>	ELBOAF	ed note	<u>:S:</u>							
LIGHTING LOAD: 1,200					x 1.25	1,500		1.										
RECEPTACLE LOAD (FIRST 10KW): 3,520					x 1.0	3,520	.520 2.											
RECEPTACLE LOAD (REMAINDER): 0					x 0.50	0	3.											
OTHER LOAD: 2,160					x 1.0	2,160	160											
EQUIPMENT LOAD: 5,760						x 1.0	5,760	.760 <u>CIRCUIT BREAKER SYMBOL DESCRIPTIONS:</u>										

TC WIRE THROUGH CONTACTOR

GFCI GROUND FAULT CIRCUIT INTERRUPTOR IG WIRE SEPARATE TO ISOLATED GROUND BUS

LO LOCKED BREAKER

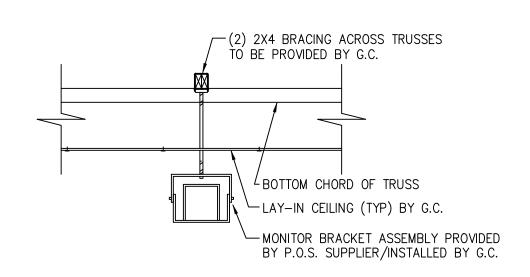


## NOTES:

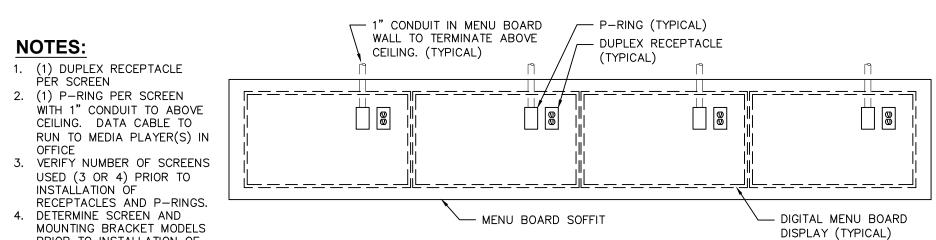
- 1. PROVIDE A 100A/3P CIRCUIT BREAKER IN MDP PANEL TO FEED NEW PANEL "N".
- 2. REWORK EXISTING BRANCH CIRCUITING AND RE-FEED SHAKE MACHINE BRANCH CIRCUIT FROM NEW PANEL "N".



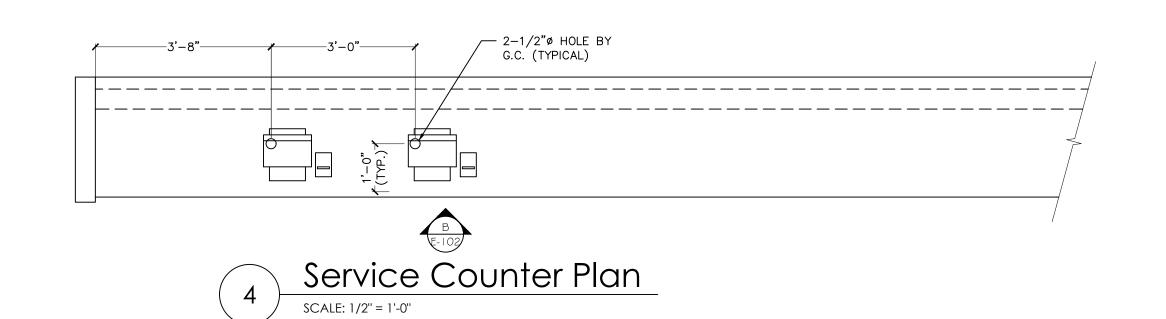
Partial One-Line Diagram





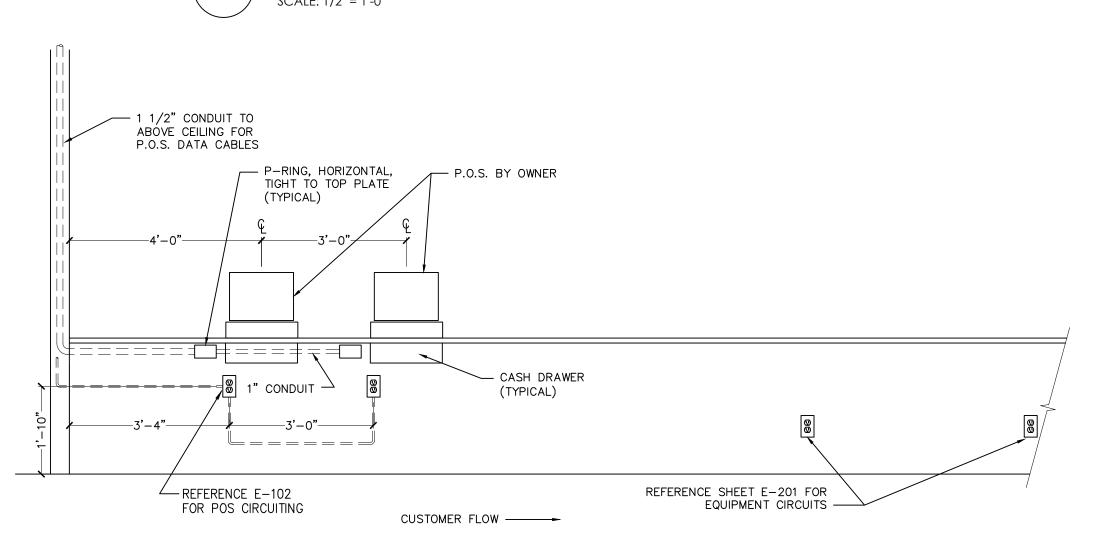


# Digital Menu Board Installation SCALE: 1/2" = 1'-0"



PRIOR TO INSTALLATION OF RECEPTACLES AND P-RINGS. 5. REFER TO SHEET E-201, POWER PLAN FOR

CIRCUITING REQUIREMENTS.





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DATE

PROJECT DESIGNER

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Project Name & Location:

Partial One-Line Diagram & Schedules
Drawing Name:

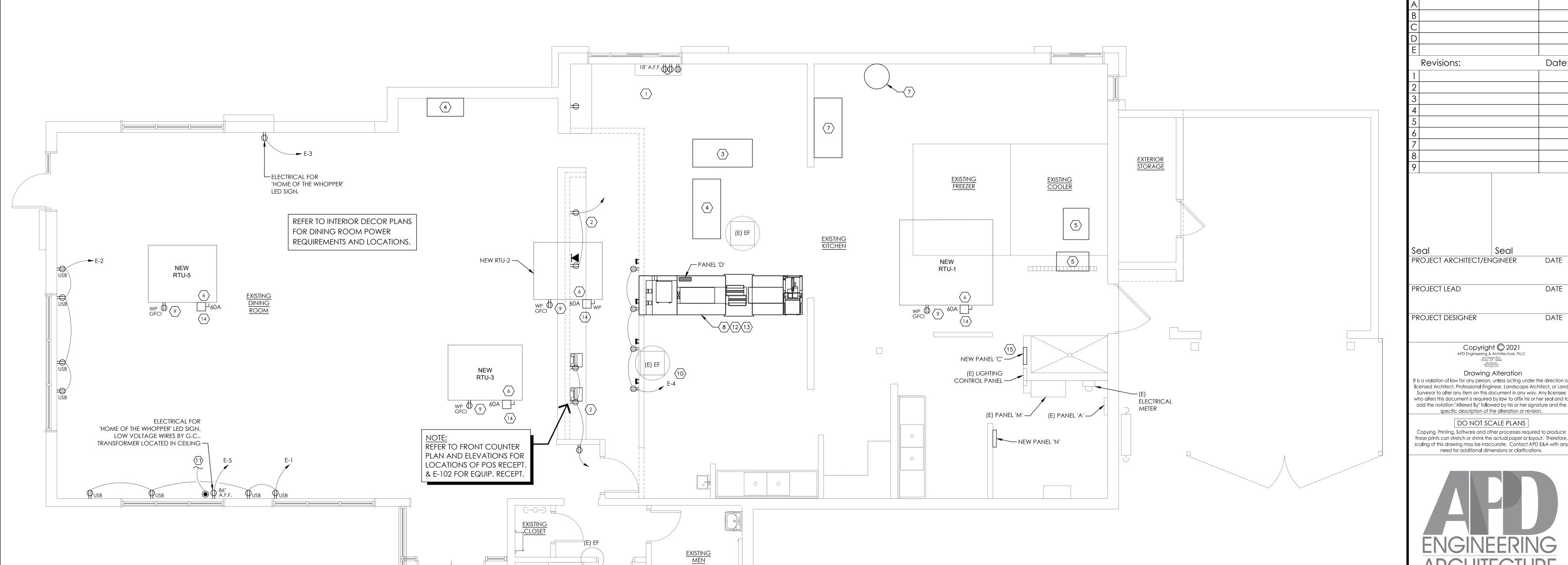
Project No. Date: 9/30/2021

21-0361 BK-50 Гуре:

Drawn By: KHO

E-102

Drawing No. Scale: As Noted



# Electrical Power Plan

## **SYMBOL LEGEND**

DETAIL	DESCRIPTION				
\$	TOGGLE SWITCH - SINGLE POLE HUBBELL #1221-I				
•	PUSHBUTTON SWITCH				
SINGLE RECEPTACLE HUBBELL #5361-I					
DUPLEX RECEPTACLE HUBBELL #5362-I					
	208V RECEPTACLE HUBBELL 208V, 1¢ - #5352-I 208V, 3¢ - #8420				
<b>∢</b> ⊺	TELEPHONE OUTLET WITH BUSHED HOLE COVERPLATE				
<b>①</b>	JUNCTION OR GANG BOX				
•	CABLE TELEVISION OUTLET				
QII)	BUZZER / BELL				
	REAR DOOR ALARM				

TRANSFORMER

## **ABBREVIATIONS**

	, and the state of
A-3	CONDUIT RUN WITH ARROW DENOTING HOMERUN. SUBSCRIPT INDICATES PANEL AND CIRCUIT NO. GROUND CONDUCTOR REQUIRED IN ALL CONDUITS BUT NOT INDICATED
GFCI	GROUND FAULT CIRCUIT INTERRUPTING
W.P.	WEATHERPROOF
A.F.F.	ABOVE FINISHED FLOOR.
I.G.	ISOLATED GROUND

## ELECTRICAL CONTRACTOR (EC) GENERAL NOTES:

- A. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND OTHER APPLICABLE
- B. ALL DEVICE BOXES SHALL BE INSTALLED FLUSH AND CONDUITS RUN CONCEALED IN FINISHED AREAS EXCEPT AS SPECIFICALLY SHOWN/NOTED OTHERWISE.
- C. INSTALL POWER AND CONTROL WIRING AND REQUIRED CONTROL COMPONENTS FOR AIR CONDITIONING SYSTEMS AS SHOWN/NOTED ON THE DRAWINGS AND PER OTHER APPLICABLE DRAWINGS/INSTRUCTIONS. REFERENCE MECHANICAL DRAWINGS.
- D. WIRE SIZE SHALL BE #12 (MINIMUM) UNLESS OTHERWISE NOTED. WIRE SIZES SMALLER THAN #6 AWG SHALL BE THHN/THWN. #6 AWG WIRE AND LARGER SHALL BE THW, UNLESS NOTED OTHERWISE.
- E. WIRE (CONDUCTOR) COLORS SHALL BE AS PER APPLICABLE CODES.
- F. ALL CONDUCTORS SHALL BE COPPER.
- G. ALL CONDUCTORS SHALL BE RUN IN CONDUIT, EXCEPT LOW VOLTAGE CONTROL AND COMMUNICATIONS CABLES.
- H. ALL MATERIALS SHALL BE UL APPROVED.
- I. ALL BRANCH CIRCUITS, EXCEPT INTERIOR LIGHTING, EXTERIOR BUILDING SIGNS, PARAPET LIGHTING AND SOFFIT LIGHTING TO HAVE A GREEN EQUIPMENT GROUNDING CONDUCTOR SIZED AS PER NEC 250-122.
- J. PVC (SCHEDULE 40) PERMITTED BELOW SLAB AND BELOW GRADE ONLY.
- K. IT IS INTENDED THAT AN EQUIPMENT GROUND CONDUCTOR (GREEN) SHALL BE RUN IN POWER CIRCUIT CONDUITS WHETHER OR NOT THE CONDUIT IS PVC.
- L. ALL EMPTY CONDUITS TO BE PROVIDED WITH NYLON PULL STRING.
- M. NEW TYPEWRITTEN PANEL DIRECTORY SHALL BE FURNISHED AFTER JOB IS COMPLETED REFLECTING ALL AS BUILT CONDITIONS.
- N. ALL BRANCH CIRCUITS SHALL BE PROPERLY PHASE BALANCED.
- O. ALL DATA EQUIPMENT TO BE FED BY A DEDICATED CIRCUIT WHICH CONSISTS OF A POWER CIRCUIT THAT FEEDS THIS TYPE OF EQUIPMENT ONLY WITH A SEPARATE GREEN GROUNDING CONDUCTOR CARRIED ALL THE WAY BACK TO THE PANEL TO BE CONNECTED TO THE GROUNDING SYSTEM.
- P. FUSES SHALL BE DUAL ELEMENT, TIME DELAY TYPE UNLESS OTHERWISE NOTED.
- Q. EC SHALL VERIFY INTERIOR DECOR THEME TO BE USED AND COORDINATE WITH SAID THEME.
- R. EC SHALL INSTALL AND CONNECT WIRING TO ALL SIGNS.
- S. EC TO COORDINATED ROUGHING-IN TO ALL EQUIPMENT WITH EQUIPMENT SUPPLIER PRIOR TO INSTALLING CONDUITS.
- T. ALL CONDUIT RUNS TO KITCHEN EQUIPMENT SHALL BE RUN ABOVE CEILING.
- U. MAINTAIN 12" CLEARANCE BETWEEN P.O.S. COMMUNICATION CONDUITS AND LIGHTING FIXTURES AS WELL AS POWER CONDUITS.
- V. CUTTING AND NOTCHING OF 2x4 BEARING WALL FRAMING NOT TO EXCEED 7/8". BORING HOLES IN 2x4 BEARING WALL FRAMING NOT TO EXCEED 2 1/8".

## # KEYED NOTES - PLAN:

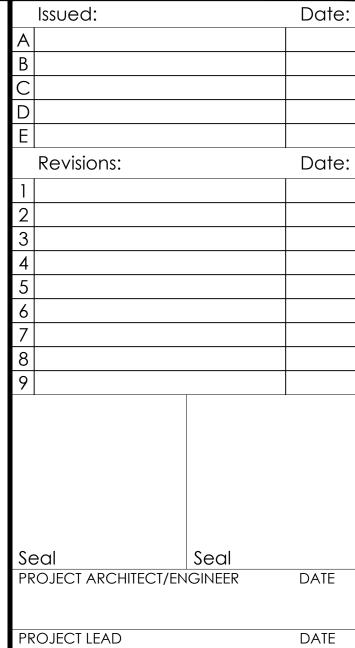
- 1. PROVIDE NEW DEVICES, EXTEND AND CONNECT EXISTING BRANCH CIRCUITING FOR DT WINDOW. COORDINATE CIRCUITING REQUIREMENTS WITH G.C. AND BURGER KING REPRESENTATIVE.
- 2. PROVIDE NEW DEVICES AT P.O.S.. EXTEND AND CONNECT EXISTING BRANCH CIRCUITING.
- 3. ICE MACHINE TO BE REPLACED. DISCONNECT AND RECONNECT EXISTING CIRCUITING.
- 4. EXISTING SODA MACHINE TO BE REPLACED, DISCONNECT AND RECONNECT EXISTING CIRCUITING.
- 5. EXTEND AND CONNECT EXISTING BRANCH CIRCUITING TO NEW FREEZER AND COOLER CONDENSING UNITS, FIELD VERIFY EXACT LOCATION.
- 6. EXTEND AND CONNECT EXISTING BRANCH CIRCUITING TO NEW ROOF TOP UNIT.
- 7. EXISTING SODA SYSTEM TO BE REPLACED, DISCONNECT AND RECONNECT EXISTING
- CIRCUITING. 8. STAINLESS STEEL SERVICE CHASE TO CEILING FURNISHED BY THE EQUIPMENT
- 9. EXTEND AND CONNECT EXISTING BRANCH CIRCUITING TO NEW ROOF RECEPTACLE.
- PROVIDE WEATHER RESISTANT RECEPTACLE IN WEATHERPROOF COVER. 10. DIGITAL MENU BOARDS (VERIFY 3 OR 4 BOARD INSTALLATION): PROVIDE (1) DUPLEX RECEPTACLE FOR 120V CIRCUIT AND (1) P-RING FOR DATA CABLE AT EACH MENU BOARD SCREEN. RE-CONNECT TO EXISTING BRANCH CIRCUITING. EXTEND AS NEEDED. COORDINATE NEW LOCATIONS WITH G.C. REUSE EXISTING CIRCUITS,
- 11. PROVIDE 1" CONDUIT TO MANAGERS OFFICE FOR CABLE TV.

MANUFACTURER.

12. PRE-WIRED BRANCH CIRCUITS DISCONNECTED FOR SHIPMENT TO BE RE-CONNECTED BY G.C. PER MANUFACTURER'S INSTALLATION SPECIFICATIONS.

EXTEND AND CONNECT AS NEEDED. PROVIDE NEW CIRCUITS AS NEEDED.

- 13. ELECTRICAL CONTRACTOR TO RUN CONDUITS AND WIRE THROUGH THE EQUIPMENT CHASE AND CONNECT TO CIRCUITS PROVIDED IN THE JUNCTION BOX BY EQUIPMENT MANUFACTURER.
- 14. FURNISH AND INSTALL NON FUSED DISCONNECT SWITCH, NEMA- 3R RATED.
- 15. PANEL "C" TO BE REPLACED. REFER TO DEMOLITION KEYNOTE ED7 FOR FURTHER INFORMATION.



DATE PROJECT DESIGNER

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Power Plan

Drawing Name:

Project No. Date: 9/30/2021

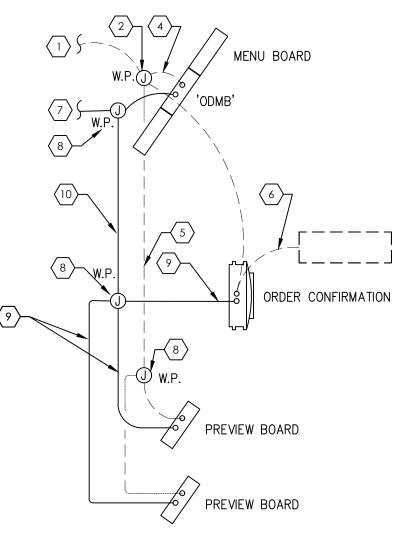
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Drawn By: KHO

Scale: As Noted |

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DRIVE-THRU EQUIPMENT DETAIL

NOTES.

A. COORDINATE ALL CIRCUITING REQUIREMENTS WITH VENDOR / SUPPLIER PRIOR TO COMMENCING WORK. PROVIDE REQUIRED CIRCUITING. B. PROVIDE DEDICATED CIRCUITS FOR EACH UNIT.

C. PROVIDE LIGHTING CIRCUIT PER MANUFACTURER'S REQUIREMENT. D. VERIFY CONDUIT ROUTING AND REQUIREMENTS PRIOR TO COMMENCING WORK.

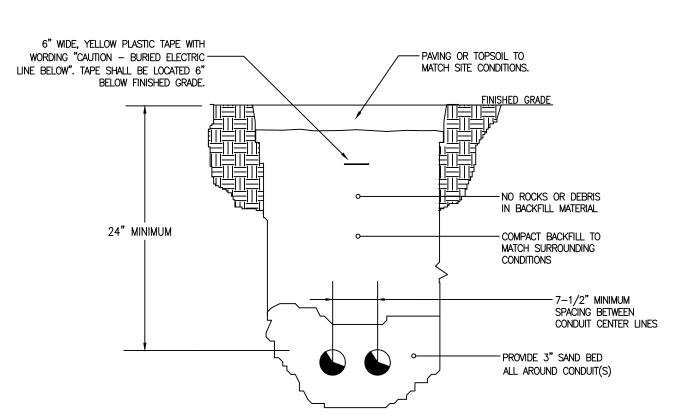
## **◯** KEYED NOTES - DRIVE THRU:

DATA

1. 2" UNDERGROUND DATA CONDUIT FROM DRIVE-THRU.

- 2. WATERPROOF JUNCTION DATA BOX.
- 4. 3/4" PVC SWEPT INTO MENU BOARD FOOTER.
- 5. 3/4" PVC SWEPT INTO PREVIEW BOARD FOOTER. 6. 1/2" PVC SWEPT INTO SPEAKER POST FROM UNDER CONCRETE LOOP.
- ELECTRICAL
  7. 1" UNDERGROUND CONDUIT FOR POWER CIRCUITING.
- 8. WATERPROOF JUNCTION POWER BOX.
  9. 1/2" CONDUIT FOR POWER CIRCUITING.
- 10. 1" CONDUIT FOR POWER CIRCUITING.







Typical Direct Burial Detail

## **ELECTRICAL PLAN KEYNOTES:**

- E1 DRIVE THROUGH EQUIPMENT TO BE REPLACED. DISCONNECT AND MAINTAIN EXISTING BRANCH CIRCUIT. MODIFY, EXTEND AND RECONNECT EXISTING CIRCUIT TO NEW DRIVE THROUGH EQUIPMENT AS NEEDED.
- (E2) PROVIDE DEDICATED CIRCUIT USING #10 WIRE. REFER TO DRIVE THRU DETAIL ON THIS DRAWING FOR ADDITIONAL INFORMATION. PROVIDE 20A/1P CIRCUIT BREAKER FOR EACH DEDICATED CIRCUIT IN PANELBOARD.
- (E3) PROVIDE (2)#10, (1)#10GND IN 1" UNDERGROUND CONDUIT BACK TO NEW PANEL 'N' FOR FLAG POLE LIGHTS. PROVIDE (3) LIGHTS: F.W. HAXEL CO., CDA SERIES. VERIFY POLE DIAMETER PRIOR TO ORDERING LIGHT FIXTURES. COORDINATE MOUNTING HEIGHT WITH BURGER KING REPRESENTATIVE. PROVIDE LIGHTS WITH PHOTOCELL CONTROL.

## GENERAL ELECTRICAL NOTES:

- A. CONTRACTOR SHALL VERIFY CIRCUITING REQUIREMENTS FOR ALL NEW EQUIPMENT PRIOR TO COMMENCING WORK.
- B. CONTRACTOR SHALL VERIFY QUANTITY OF UNDERGROUND CONDUITS NEEDED FOR ALL NEW POWER AND DATA.
- C. REPLACE LAMP(S) IN EXISTING PYLON SIGN.
- D. REWORK AND CIRCUIT DRIVE THRU LIGHTING CIRCUIT AS NEEDED.

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