Burger King - Pennsburg, PA

Store No. TBD 322 Pottstown Ave Pennsburg, PA 18073

ARCHITECT'S JOB NUMBER: 21-0327A ISSUE DATE: 1/21/2021



PROJECT INFORMATION

APPLICABLE CODES	
BUILDING CODE:	INTERNATIONAL BUILDING CODE 2015 WITH AMENDMENTS
EXISTING BUILDING CODE:	INTERNATIONAL EXISTING BUILDING CODE 2015 WITH AMENDMENTS
PLUMBING CODE:	INTERNATIONAL PLUMBING CODE 2015 WITH AMENDMENTS

INTERNATIONAL MECHANICAL CODE 2015 WITHOUT AMENDMENTS MECHANICAL CODE: NATIONAL ELECTRIC CODE NFPA 70-2014 ELECTRICAL CODE:

ENERGY CODE: INTERNATIONAL ENERGY CONSERVATION CODE 2015 WITH AMENDMENTS INTERNATIONAL FIRE CODE 2015 WITH AMENDMENTS FIRE CODE:

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)

Ampler Development

Contact: Dan Peyton

nmulrain@apd.com

Raleigh, NC 27609

513-484-0965

4700 Falls of Neuse Road

dpeyton@amplergroup.com

INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY (TABLE 803.11)									
		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 STAIRWAYS, 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	С	С	Α	В	С			
S	С	С	С	В	В	С			

OCCUPANT LOAD (1004):

<u> </u>						
OCCUPANCY LOADS (1004.0 TABLE 1004.1.2)						
OCCUPANCY USE	SQUARE FEET/ OCCUPANT	TOTAL SQUARE FOOTAGE	OCCUPANTS			
ASSEMBLY (SEATED)	NA	990	74			
ASSEMBLY (STANDING)	5	247	50			
KITCHEN (GROSS)	200	948	5			
BUSINESS (GROSS)	100	557	6			
STORAGE / STOCK (GROSS)	300	585	2			
		3,327	137			

FGRESS WIDTH	(1005)
EGRESS WIBITI	(1000).

	(A)	(B)		EXIT WIDTH (IN.)*			
USE GROUP OR SPACE DESCRIPTION	GROUP OR SPACE ANT PER O		SS WIDTH CCUPANT DN 1005.3)	(SECT	RED WIDTH TON 1005) A X B)	ACTUAL PROV	
	BY USE	STAIR	LEVEL	STAIR	LEVEL	STAIR	LEVEL
ASSEMBLY	124	0.3	0.2	NA	24.8		
KITCHEN	5	0.3	0.2	NA	1.0	SEE LSP LIF	E S A FETY
BUSINESS	6	0.3	0.2	NA	1.2	PLAN FOR	ACTUAL
STORAGE	2	0.3	0.2	NA	0.4	WID'	IU9
TOTAL:	137	0.3	0.2	NA	27.4		

MINIMUM NO. OF REQUIRED PLUMBING FIXTURES (TABLE 2902.1)								
OCCUPANCY/		CLOSETS NALS)	LAVATORIES		SATHTUBS/ SHOWERS	DRINKING		
GROUP	MALE	FEMALE	MALE	FEMALE	BATH' SHO\	DRIN FOUN	±Ο	
ASSEMBLY (REQUIRED)	1 PER 75	1 PER 75	1 P	ER 200		1 PER 500	1 SERVICE SINK	
ASSEMBLY (PROVIDED)	1+1	2	1	1		*	1 SERVICE SINK	

STRUCTURAL ENGINEER OF RECORD:

APD Engineering & Architecture, PLLC

Brent Powell, PE, LEED AP

615 Fishers Run

585-742-0207

513-742-0235

sflint@apd.com

Victor, NY 14564

bpowell@apd.com

Contact: Steven Flint

COMMON PATH OF EGRESS TRAVEL (TABLE 1006.2.1):

MAXIMUM TRAVEL DISTANCE TO AN EXIT (TABLE 1017.2):

ACCESSIBLE MEANS OF EGRESS (1009):

MINIMUM CORRIDOR WIDTH (1020.2):

PLUMBING FIXTURE REQUIREMENTS:

DOOR WIDTH (1010): MINIMUM:

MAXIMUM:

LOCATION

BELOW GRADE

(SUPPORTING

BACKFILL)

CONTINUOUS WALL

INSULATION

CONCEALED

BUILDING

INSULATION

ROOF INSULATION

WALL INSULATION

EXIT SIGNS (1013):

HANDRAILS (1014)

GUARDS (1015):

PANIC HARDWARE (1010.1.10):

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 PROTOTYPE ROC-60 TALL.

INSULATION SCHEDULE

REMARKS

ON DRAWINGS

ON DRAWINGS

INSULATION TYPE

EXTRUDED

POLYSTYRENE FOAM

BOARD INSULATION

EXPANDED

INSULATION

KRAFT FACED

FIBERGLASS BATT

INSULATION

POLYISOCYANURATE

OR EXTRUDED

POLYSTYRENE FOAM

BOARD INSULATION

POLYSTYRENE BOARD

PROVIDE AT EXTERIOR STUD FACE OF EXTERIOR

CONFIRM REQUIRED INSULATION THICKNESS TO

OBTAIN DESIGN R-VALUE WITH MANUFACTURER

PERIMETER WALLS AS SHOWN ON DRAWINGS.

USED AS PART OF EIFS SYSTEM.

MECHANICAL ENGINEER OF RECORDS

AMPLER MANAGEMENT CONTACTS:

Director of Construction and Development

APD ENGINEERING & ARCHITECTURE LLC CHRISTOPHER V. KAMBAR, P.E. 615 FISHERS RUN VICTOR, NY 14564 (585) 742-0217 Contact: Nick Mulrain (585) 742-0231

ELECTRICAL ENGINEER OF RECORD:

APD ENGINEERING & ARCHITECTURE LLC CHRISTOPHER V. KAMBAR, P.E. 615 FISHERS RUN VICTOR, NY 14564 (585) 742-0217 Contact: Nick Mulrain

ARCHITECT OF RECORD:

Michael Hochadel, NCARB

Contact: Michael Verrastro, RA

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585-445-7167

(585) 742-0231

nmulrain@apd.com

APD Engineering & Architecture, PLLC

PROJECT SUMMARY

THE PROJECT GENERALLY CONSISTS OF THE ERECTION OF A NEW BURGER KING RESTAURANT AND SITE MODIFICATIONS.

			A BKC
	SHEET #	SHEET TITLE	B Perm
	G-001	COVER SHEET	C Bid S
			D
	LSP	LIFE SAFETY PLAN	E
	CIVIL		Rev
	CS	COVER SHEET	1
	SV	PRELIMINARY ALTA/NSPS LAND TILE SURVEY 1 OF 2	2
	SV	PRELIMINARY ALTA/NSPS LAND TILE SURVEY 2 OF 2	3
	C1	DEMOLITION PLAN	4
	C2	SITE PLAN	5
	C3	GRADING & DRAINAGE PLAN	6
	C4	UTILITY PLAN	7
	C5	PLANTING PLAN	8
	C6	DETAILS SHEET	9
	C7	DETAILS SHEET	7
	C8	DETAILS SHEET	
	C9	SPECIFICAITONS	
	STRUCTURAL		
	S-1	FOUNDATION PLAN & STRUCTURAL NOTES	
	S-1.1	FOUNDATION DETAILS	
	S-2	FRAMING PLANS AND DETAILS	
 □ □	S-3	ROOF TRUSS LAYOUT AND STRUCTURAL DETAILS	Seal
<u>၂</u>	ARCHITECTURAL		PROJEC
	A-1	FLOOR PLAN	M. Hoc
	A-1.1	DETAILS	PROJEC
.	A-2A	EXTERIOR ELEVATIONS	
	A-2B	EXTERIOR ELEVATIONS	M. Ver
-	A-3	BUILDING SECTIONS AND INTERIOR ELEVATIONS	PROJEC
	A-3.1	RESTROOM ADA PLANS & INTERIOR ELEVATIONS	I. Proct
_	A-4	REFLECTED CEILING PLAN	
•	A-4.1	REFLECTED CEILING DETAILS	
	A-5	ROOF PLAN AND DETAILS	
	A-6	WALL SECTIONS AND DETAILS	 It is a violat
	A-7	WALL SECTIONS	licensed A Surveyor
	A-8	WALL SECTIONS	who alters
	A-9	DETAILS	add me r
	A-10	DOOR SCHEDULE AND DETAILS	
	A-11	DIRECTORY OF MANUFACTURERS AND SUPPLIERS	Copying, these prin
			scaling of
	DECOR		
	D0.0	REFER TO SHEET DO.0 FOR LIST OF DRAWINGS	
	MECHANICAL		
	M-1	HVAC PLAN & SCHEDULES	
(25.0.425.1.0.0.425.1.0.0.425.1.0.0.425.1.0.0.425.1.0.0.425.1.0.0.425.1.0.0.0.0.0.425.1.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.	M-2	HVAC ROOF PLAN & DETAILS	
(REQUIRED) 2 (PROVIDED) 3 75' ASSEMBLY (A-2)	M-3	GAYLORD BROILER-OVEN HOOD DRAWINGS	
(REQUIRED) YES (PROVIDED) YES	M-4	BROILER-OVEN HOOD DRAWINGS	
32"	M-5	BROILER-FRYER HOOD DRAWINGS	
36" (REQUIRED) NO (PROVIDED) NO	PLUMBING		
(REQUIRED) YES (PROVIDED) YES	P-1	SANITARY & GREASE WASTE PLAN & RISERS	
34" H. MIN., 38" H. MAX. 42" H. IF ADJACENT GRADE IS GREATER THAN 30"	P-1.1	PLUMBING SCHEDULES & DETAILS	
(REQUIRED) 200' MAX (PROVIDED) 90'	P-2	WASTE & GAS PLAN & RISERS	613
44" / 60" FOR H.C. TURN AROUND (AT 200' INTERVA	ELECTRICAL		
	E-1	ELECTRICAL LIGHTING PLAN	
une.	E-1.1	LIGHTING SCHEDULE	
ULE	E-2	ELECTRICAL POWER PLAN	
MARKS	E-3	ELECTRICAL PANELS & RISERS	
OVIDE AT FOUNDATION PERIMETER AS SHOWN	E-4	TECHNOLOGY PLAN	
I DRAWINGS	E-5	MASTER CONTRACTOR PANEL	
OVIDE AT EXTERIOR STUD FACE OF EXTERIOR	SE-1	SITE PLAN	
rimeter walls as shown on drawings.		t	
ED AS PART OF EIFS SYSTEM.			
OVIDE AT DEDIMETED WALL STUDS AS SUCCESS.			
OVIDE AT PERIMETER WALL STUDS AS SHOWN I DRAWINGS			l
I	I		

ECT ARCHITECT/ENGINEER ochadel

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Issued:

A BKC Approval

10/29/202 1/21/202 1/24/202

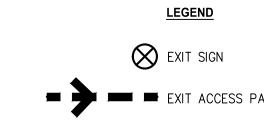
Date: 11/8/2021 21-0327 Type:ROC-2502T

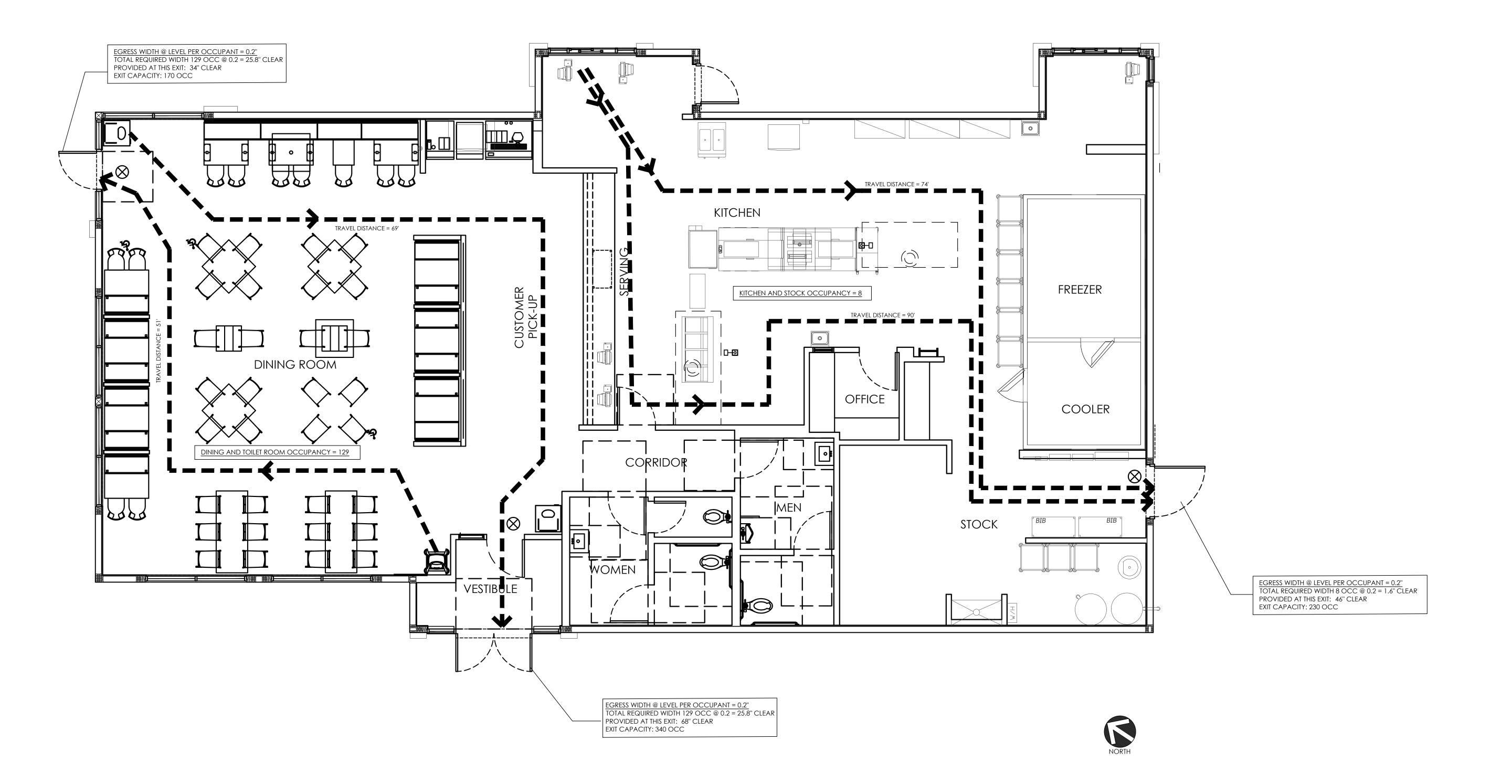
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cale: As Noted Drawing No.

LOCATION MAP

SHEET INDEX





Α	BKC Approval		10/29/2021
В	Permit Set	1/21/2022	
\cup	Bid Set		1/24/2022
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PR	OJECT ARCHITECT/EN	IGINEER	DATE
M	. Hochadel		
PR	OJECT LEAD		DATE
M	. Verrastro		

Issued:

Date:

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APD Engineering & Architecture, LLC

615 Fishers Run
Victor, NY 14564

SEE 42776

WAN ADDICATE

PROJECT DESIGNER

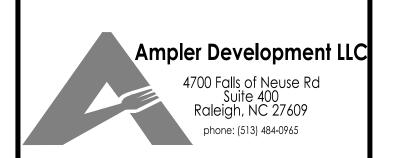
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Burger King Inc. Store #

322 Pottstown Ave Pennsburg, PA 18073

Montgomery County

Project Name & Location:

Life Safety Plan

Drawing Name:

Project No.

Date: 11/8/2021

21-0327

Type:ROC-2502T

Drawn By: MGV LSP

Scale: As Noted Drawing No.

SITE DEVELOPMENT PLANS



FOR

BURGER KING - BOROUGH OF PENNSBURG, PA

332 POTTSTOWN AVE. PENNSBURG, PA, 18073



LOCATION SKETCH

DRAWING LIST:

Cover Sheet Survey C1 Demolition Plan Site Plan C3 C4 Grading & Drainage Plan Utility Plan C5 C6 C7 Planting Plan Details Sheet Details Sheet C8 C9 Details Sheet

Specifications

CLIENT:

AMPLER DEVELOPMENT LLC BURGER KING FRANCHISEE 4700 FALLS OF NEUSE ROAD SUITE 400 RALEIGH, NC 27609 ATTN: DAN PEYTON (513) 484-0965 DPEYTON@AMPLERGROUP.COM

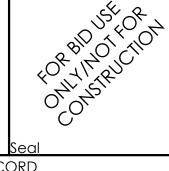
ENGINEER:

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

AGENCY & MUNICIPALITY CONTACTS:

BOROUGH OF PENNSBURG 76 W. 6th STREET PENNSBURG, PA 18073 215-679-4546 CONTACT: LISA M. HILTZ, ADMINISTRATIVE MANAGER TERRENCE NAUGLE, CODE ENFORCEMENT CONSULTANT

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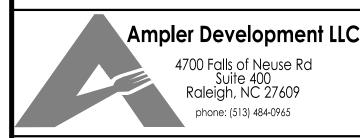
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Store#: Burger King

322 Pottstown Ave. Pennsburg, PA 18073

Montgomery County (Pennsburg Borough)

Project Name & Location:

Cover Sheet

Drawing Name: Project No. Date: 01/21/22 21-0327 Type:

Drawn By: SAS

Drawing No. N.T.S.

LOCATION MAP

NOT TO SCALE

Property Line

Minor Contour

Handhole

Utility Pole

Guy Wire

Gas Valve

Cleanout

Manhole

Fire Hydrant

Deciduous Tree

Top of Curb

Utility Pole w/ Light

Plaza Pylon Sign || Height=22.4'

--- · --- · --- Overhead Wires

Sanitary Sewer

---- Storm Sewer

 \square CB

Gas Line

Right-of-Way Line

LEGEND

LINE AND CURVE DATA

LINE	DIRECTION	LENGTH(FT)
L1	S 40° 27′ 00″ W	105.59
L2	S 44° 42′ 49″ E	243.46
L3	S 47° 12′ 37" W	264.15
L4	S 42° 06' 11" W	289.67
L5	S 47° 12′ 45″ W	300.57
L6	N 49° 02' 47" W	456.00
L7	N 50° 17′ 39″ W	277.21
L8	N 37° 07' 58" E	79.20
L9	S 50° 17′ 39″ E	200.21
L10	N 37° 13′ 08″ E	304.47
L11	N 52° 50′ 39″ W	200.47
L12	N 37° 07' 58" E	680.73
L13	S 51° 52′ 54″ E	31.87
L14	N 36° 59′ 28″ E	38.21
L15	S 36°01'00"E	588.65

CURVE	LENGTH (FT)	RADIUS (FT)	DELTA	CHORD LENGTH (FT)	CHD. DIRECTION
C2	37.350	20.000	106° 59' 59.6"	32.15	S89° 30′ 32″E

N=394366.16

E=2594811.65

TF=319.06

BC=318.55 BC=319.48

Bot El=309.80

Top of Hood=315.00

TF=320.26

TF=319.07

TF=318.59

Pipes Visible

8"PVC Inv(SE)=309.90 8"PVC Inv(SW)=309.85 8"PVC Inv(NE)=309.85 8"PVC Inv(NW)=309.75

Top of Hood=314.75 Bot El=309.85

Building Setback Line - Satellite Uses

EL=319.31

Paved Over

OYard Drain TC=319.96 TF=318.56 BC=319.01

+319.3

GENERAL NOTES

- 1. NORTH ARROW AND BEARINGS BASED ON NAD83 PER GPS READINGS BY BL COMPANIES IN SEPTEMBER, 2021 UTILIZING THE KEYNET VRS NETWORK.
- 2. ELEVATIONS AND CONTOURS ARE BASED ON NAVD88 PER GPS READINGS BY BL COMPANIES IN SEPTEMBER, 2021 UTILIZING THE KEYNET VRS NETWORK.
- 3. PROPERTY IS LOCATED IN FLOOD HAZARD ZONE X (AREA OF MINIMAL FLOOD HAZARD) AS DEPICTED ON F.I.R.M. COMMUNITY-PANEL NUMBER 42091C0019G, EFFECTIVE ON 03/02/2016.
- 4. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED THOUGH THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. THE CONTRACTOR SHALL CONFIRM THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF EXCAVATION.
- 5. THE MINIMUM LATITUDE AND DEPARTURE CLOSURE ERROR MEETS OR EXCEEDS 1
- 6. TOPOGRAPHY AND PLANIMETRICS SHOWN HEREON ARE PER ON GROUND SURVEY BY BL COMPANIES IN SEPTEMBER, 2021.
- 7. THE SITE WAS UNDER CONSTRUCTION AT THE TIME OF THE FIELD SURVEY.
- 8. THE SURVEYOR IS NOT AWARE OF ANY PROPOSED CHANGES IN STREET RIGHT OF WAY LINES. THERE WAS NO EVIDENCE OF RECENT STREET OR SIDEWALK
- 9. NO HIGHWAY MILE MARKERS WERE OBSERVED.

CONSTRUCTION OR REPAIRS.

1/22/2019.

TF=319.35 Paved Over

Conc Curb

+320.2

+320.4

TF=319.24

18"RCP Inv(NE) = 315.95

24"RCP Inv=315.45

- 10. PA ONE CALL RESPONSE REVEALED NO GAS UTILITY IN THE AREA. GAS LINE
- SHOWN IS PER MAP REFERENCE 11B. 11. REFERENCE IS MADE TO THE FOLLOWING MAPS:
- A. "FINAL LAND DEVELOPMENT PLAN LOT CONSOLIDATION PLAN PENNSBURG SQUARE SHOPPING CENTER PREPARED FOR WESTOVER COMPANIES", PREPARED BY HORIZON ENGINEERING, DATED 10/18/2017, LAST REVISED 11/16/2018, RECORDED IN THE MONTGOMERY COUNTY RECORDER OF DEEDS OFFICE ON

N=394476.10

E=2594897.0

EL=322.92

LEGAL RIGHT-OF-WAY LINE

16 BOROUGH/ULTIMATE RIGHT-OF-WAY LINE

18"HDPE Inv=320.35

TF = 324.35

TF=324.08

18"HDPE Inv(NW)=319.05 18"HDPE Inv(NE)=318.90

18"HDPE Inv(SE)=318.80

18"HDPE Inv(N)=319.90

18"HDPE Inv(SE)=319.80

POTTSTOWN AVENUE (S.R. 63)

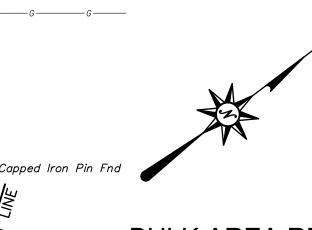
B. "ALTA/ACSM PENNSBURG SQUARE SHOPPING CENTER" PREPARED BY GILMORE & ASSOCIATES, INC. DATED 8/11/16.

TITLE COMMITMENT INFORMATION

TITLE COMMITMENT REFERENCE NUMBER	RECORDING REFERENCE	DESCRIPTION	STATUS ON PLAT
6	DB 4379-564	Easement and water line agreemen	DOES NOT AFFECT SURVEYED AREA*
7	DB 4149-365	Rights granted to The Bell Telephone Company of Pennsylvania	DOES NOT AFFECT SURVEYED AREA*
8	DB 4131-167 DB 5206-373	Rights granted to Pennsylvania Power and Light Company	PLOTTTED/BLANKET IN NATURE*
9	DB 4139-400	Memorandum of Lease (Lease Term Exterminated January, 2002)	DOES NOT AFFECT SURVEYED AREA
10	DB 4137-504	Lease agreement	NOT SURVEY RELATED*
11	DB 4974-2390	Rights granted to Philadelphia Electric Company	BLANKET IN NATURE; AFFECTS SURVEYED AREA*
12	DB 5533-2707	Right of way agreement to PPL Electric Utilities Corporation	DOES NOT AFFECT SURVEYED AREA*
13	PB A-46 pG 184 PB 23-281 PB 24 pg 264 PB 49 pg 429	Conditions as disclosed by survey recorded	PLOTTED
14	DB 5589-1973 DB 5644 PG 2619	Landlord's Release	NOT SURVEY RELATED
15	DB 3082-212	Rights granted to Metropolitan Edison Company	BLANKET IN NATURE; AFFECTS SURVEYED AREA
16	-	Rights of the public and others entitled thereto in and to the use of that portion of the premises within the bounds of Pottstown Avenue, RT-663	AFFECTS SURVEYED AREA; ULTIMATE RIGHT—OF—WAY SHOWN
17	DB 5563-735	Rights and conditions	DOES NOT AFFECT SURVEYED AREA
18	DB 670 PG 458	Restrictions	NOT PLOTTABLE*
19	DB 903 PG 565 DB 1009 PG 353	Rights granted to the Pennsylvania power and Light Company	BLANKET IN NATURE; AFFECTS SURVEYED AREA*
20	DB 4294 PG 138	Reservations	NOT PLOTTABLE*
21	DB 5571 PG 1780	Stormwater and Temporary Construction Easement	DOES NOT AFFECT SURVEYED AREA*
22	DB 5543 PG 382	Sidewalk Easement Agreement	DOES NOT AFFECT SURVEYED AREA*
23	DB 5543 PG 438	Common Stormwater Basin Easement and Maintenance Agreement	DOES NOT AFFECT SURVEYED AREA*
24	DB 5549 PG 1406	Water Agreement for CVS Pharmacy	DOES NOT AFFECT SURVEYED AREA*
25	DB 5551 PG 2702	Development Agreement	NOT SURVEY RELATED*
26	DB 5572 PG 1151	Rights of Way Agreement with Verizon Pennsylvania Inc.	DOES NOT AFFECT SURVEYED AREA*
27	DB 5622 PG 1909	Sign Easement Agreement	DOES NOT AFFECT SURVEYED AREA*
28	DB 6132 PG 2709	Water Service Construction and Maintenance Agreement	BLANKET IN NATURE: AFFECTS SURVEYED AREA
29	DB 6141 PG 1107	Pennsburg Square Shopping Center Project Storm Water Best Management Practices Operations & Maintenance Agreement	BLANKET IN NATURE: AFFECTS SURVEYED AREA
30	DB 6157 PG 722	Rights granted to PPL Electric Utilities Corporation	DOES NOT AFFECT SURVEYED AREA*
31	DB 6204 PG 985	Easement Agreement	DOES NOT AFFECT SURVEYED AREA*
32	_	The following matters as shown on ALTA/NSPS Land Title Survey, 322 Pottstown Avenue, Pennsburgh, Montgomery County, Pennsylvania, prepared by BL Company under Project No. 2101759, dated 9/17/2021 and certified: Water service line; Gas service line, Gas valve; Overhead transmission wires, Utility poles, PP&L Towers; Wetlands areas; Outfall storm drainage pipes, catch basin, and Sanitary sewer sump, sanitary sewer lines.	_

REFERENCE: CHICAGO TITLE INSURANCE COMPANY, ORDER NO. PROFORMA PHI212925, PRINT DATE: 12-06-2021

* DETERMINATION BASED ON "ALTA/ACSM PENNSBURG SQUARE SHOPPING CENTER", PREPARED BY GILMORE & ASSOCIATES, INC., DATED 8/11/2016.



BULK AREA REQUIREMENTS

LOCATION: 322 POTTSTOWN AVENUE PENNSBURG BOROUGH, MONTGOMERY COUNTY, PA				
ZONE: SC - SHOPPING CENTER				
ITEM #	ITEM	REQUIREMENTS		
1	MINIMUM LOT AREA	5 ACRES		
2	MINIMUM SETBACK FROM ULTIMATE RIGHT-OF-WAY LINES EXCEPT SATELLITE USE	100 FEET		
3	MINIMUM SETBACK FROM A PROPERTY LINE ABUTTING A RESIDENTIAL AREA EXCEPT SATELLITE USE	50 FEET		
4	MINIMUM SETBACK FROM ALL OTHER PROPERTY LINES EXCEPT SATELLITE USE	25 FEET		
5	MINIMUM DISTANCE BETWEEN STRUCTURES	25 FEET		
6	MAXIMUM PERMITTED HEIGHT	40 FEET		
	ZONE: SC - ITEM # 1 2 3 4	PENNSBURG BOROUGH, MONTGOME ZONE: SC - SHOPPING CENTER ITEM # ITEM 1 MINIMUM LOT AREA 2 MINIMUM SETBACK FROM ULTIMATE RIGHT-OF-WAY LINES EXCEPT SATELLITE USE 3 MINIMUM SETBACK FROM A PROPERTY LINE ABUTTING A RESIDENTIAL AREA EXCEPT SATELLITE USE 4 MINIMUM SETBACK FROM ALL OTHER PROPERTY LINES EXCEPT SATELLITE USE 5 MINIMUM DISTANCE BETWEEN STRUCTURES		

REFERENCE: ECODE360.COM BOROUGH OF PENNSBURG ZONING

SURVEY CERTIFICATION

TO AB III, LLC, CHICAGO TITLE INSURANCE COMPANY:

SIGNED:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 2,3,4,5,6(b),8,11(a),11(b),13-19 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON 9-16-2021.

PRELIMINARY

PROFESSIONAL LAND SURVEYOR SU-061596

Surveyed Drawn Reviewed Project No 2101759 9/17/2021 Field Book

1"=30'

2601 Market Place, Suite 350

Harrisburg, PA 17110

(717) 651-9850 (717) 651-9858 Fax

X

ER

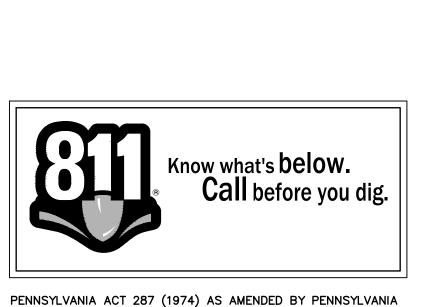
FLOPME2 POTTSTOV
NTGOMERY

MPLER

CAD File: AL210175901 PRELIMINARY ALTA/NSPS LAND TITLE

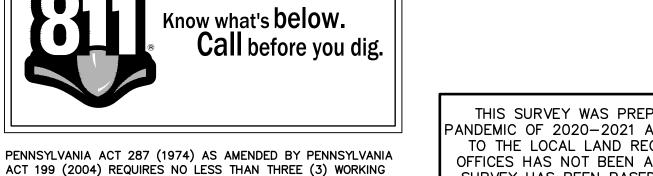
SURVEY Sheet No.

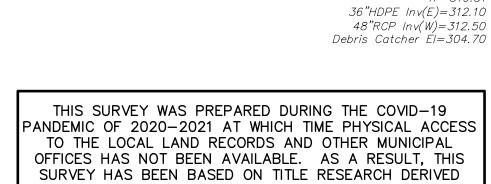
SHEET 1 OF 2



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PA ONE-CALL SERIAL NO. 20212550284





(13)

Approx. Location Storm Sewer

Per Plan 23–281

PENNSBURG SQUARE ASSOCIATES LP PARCEL ID 150001901001 DB 5903 PG 1851 AREA = 16.997 ACRES +/-

TF = 321.45

36" HDPE Inv=315.45

+_{321.43} Paved Over

36"HDP€ *Inv(E)=314.60*

GRAPHIC SCALE SCALE IN FEET

TF=323.86

18"HDPE Inv(NW)=318.00

36"HDPE Inv(NÉ)=315.20

36"HDPE Inv(SW)=315.05

FROM ON-LINE RECORDS AND OTHER SOURCES AND IS

SUBJECT TO THE RESULTS OF A PROPER TITLE SEARCH.

TF = 319.51

DAYS AND NO MORE THAN (10) WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE, DRILL, BLAST OR DEMOLISH.



SITE PICTURES

LIGHT POLE HEIGHTS

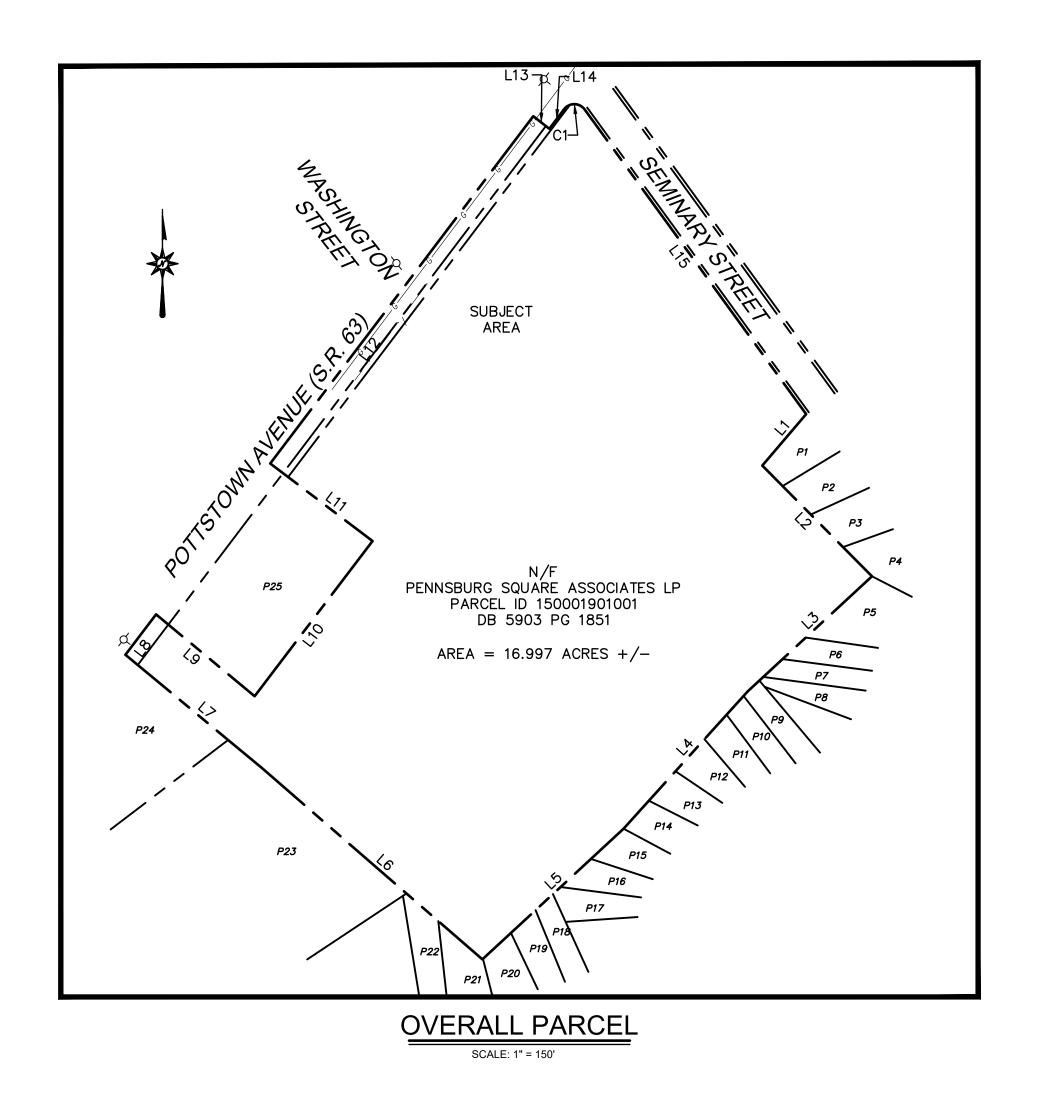
LIGHT #	BASE HEIGHT	overall height
L1	1.1'	16.9'
L2	1.4'	17.1'
L3	0.9'	16.7'
L4	0.9'	26.9'
L5	1.3'	27.3'
L6	1.3'	17.1'
L7	1.4'	17.2'
L8	1.3'	17.1'
L9	0.8'	26.8'

SIGN DIMENSIONS

SIGN	HEIGHT	WIDTH
PLAZA SIGN	22.4'	13.0'

ABUTTERS LIST

KEY	PARID	OWNER	DEED VOL/PG
P1	15-00-02458-245	MICHAEL DAVIS/KELLY COLLINS	6181/2598
P2	15-00-02458-25-4	MICHAEL C & SARA E DANDRIDGE	6220/1475
Р3	15-00-02458-26-3	SHAWN M ADAMS	6053/2744
Р4	15-00-02458-27-2	MATTHEW WEISS & BRENT M TRINKLE	6092/1760
P5	15-00-02489-04-3	CHRIS D HARRIS	5980/1973
Р6	15-00-02489-05-2	CHRISTOPHER A & STEFANIE T HIMES	5423/828
P7	15-00-02489-06-1	ROBERT J II & KERI S DAVIS	5371/1943
Р8	15-00-02489-10-6	KENNETH MARSHALL	6014/1475
P9	15-00-02489-12-4	MARY A BROWN	5646/931
P10	15-00-02489-13-3	JOSHUA J & MICHELLE MILLER	6109/708
P11	15-00-02489-14-2	ELIZABETH MARY STEEP & ALEX M WAITE	6099/2681
P12	15-00-02489-15-1	STEPHEN T & MELISSA A SCHAFFER	5437/1086
P13	15-00-02489-20-5	JERALD J & TRACY K HARTNETT	5995/84
P14	15-00-02489-21-4	JAMISON & DANA KOTULKA	6222/107
P15	15-00-02489-22-3	BARBARA A & DAVID J JR MCNAULL	5286/957
P16	15-00-02488-50-3	ALLEN J CHMIELINSKI SR	5825/744
P17	15-00-02488-51-2	VIJAY POTHARAJ	5401/351
P18	15-00-01664-13-9	BARRY C BENNER	5722/1436
P19	15-00-01664-14-8	SHIRLEY BOWERS	5169/2111
P20	15-00-01664-15-7	HARRY C III & SHERRY A GILLMER	5197/730
P21	15-00-01664-16-6	octavian & florentina ciuta	5672/2776
P22	15-00-01664-17-5	BRIAN J MARSHALL & DANIELLE MCBRIEN	6194/46
P23	57-00-03085-00-8	GERALD R & JOAN MACK	5826/328
P24	57-00-03094-00-8	ROBERT C & DOROTHY D WALBERT	
P25	15-00-01903-00-8	FRANCHISE REALTY INVESTMENT TRUST-PENN	6114/1113





2601 Market Place, Suite 350 Harrisburg, PA 17110 (717) 651-9850 (717) 651-9858 Fax

DEVELOPMENT - BURGER KING 322 POTTSTOWN AVENUE , MONTGOMERY COUNTY, PENNSYLVANIA

AMPLER

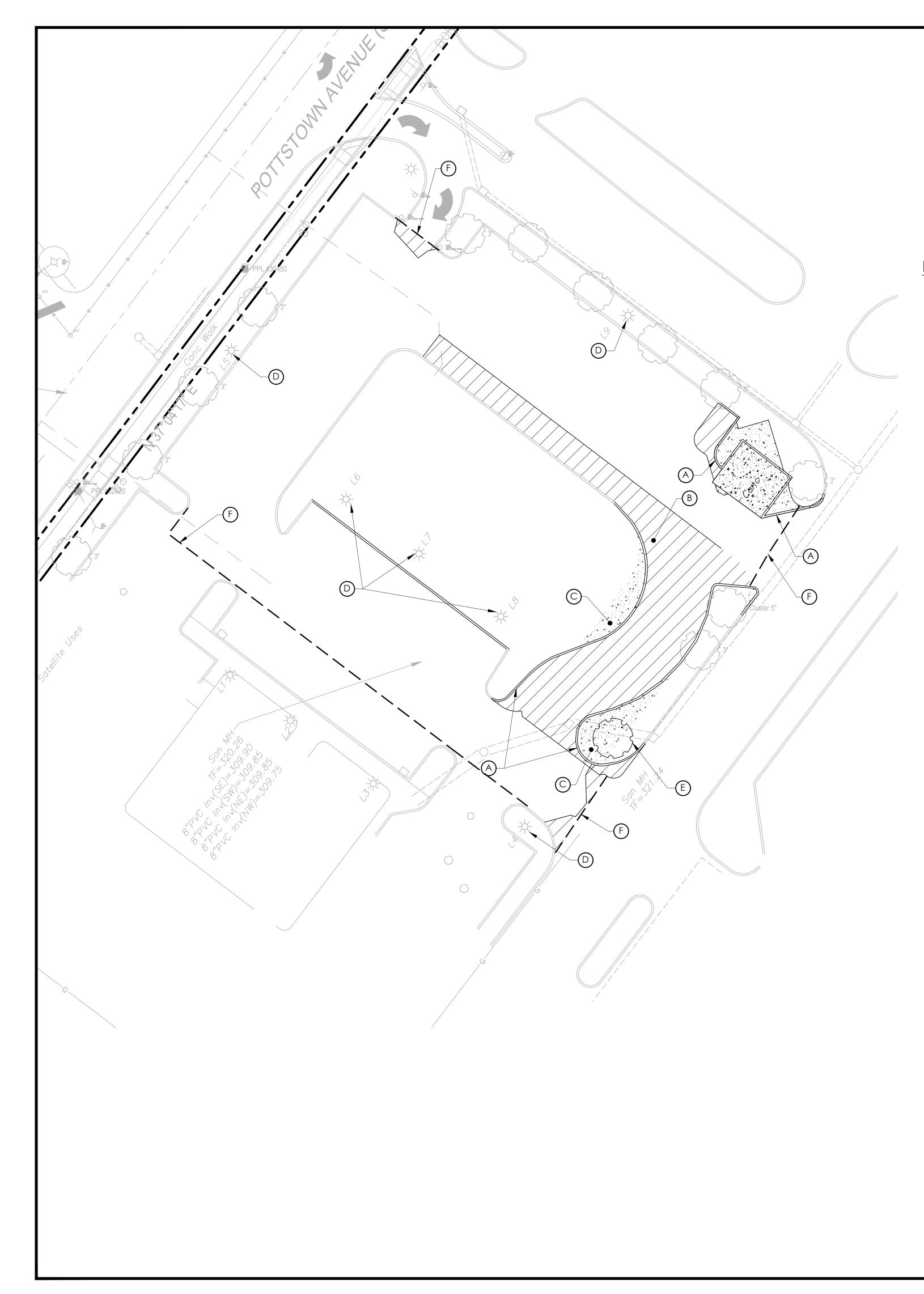
Project No. 9/17/2021 Field Book

CAD File: AL210175901 PRELIMINARY ALTA/NSPS LAND TITLE

SURVEY

SHEET 2 OF 2

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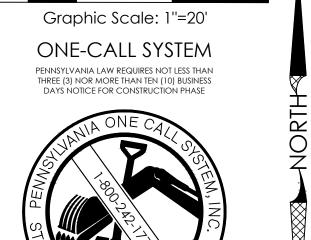


DEMOLITION LEGEND:

- (A) CURBING TO BE REMOVED
- (B) PAVEMENT TO BE REMOVED
- (C) RAISED CURBED ISLAND/LANDSCAPING TO BE REMOVED
- (D) EXISTING LIGHT TO REMAIN
- (E) EXISTING TREE TO BE RELOCATED
- APPROXIMATE LIMITS OF PAVEMENT WORK. EDGE OF PAVEMENT TO MATCH EXISTING GRADE

REFERENCE:

- 1. PAD B SITE PLAN, LAST REVISED ON 06/17/2021, PREPARED BY HORIZON ENGINEERING
- 2. PRELIMINARY ALTA/NSPS LAND TITLE SURVEY, LAST REVISED ON 12/22/2021, PREPARED BY BL COMPANIES



LEGEND OF IMPROVEMENTS

 SUBJECT PARCEL PROPERTY LINE
 EXISTING FEATURES/STRUCTURES TO REMAIN
 EDGE OF PAVEMENT TO MATCH EXISTING GRADE

EXISTING FEATURES TO BE DEMOLISHED

CONCRETE/LANDSCAPING TO BE REMOVED

Revisions: PAVEMENT TO BE REMOVED

> CIVIL ENGINEER OF RECORD Name: Todd G. Markevicz Penn. License No.: PE084166 Exp. Date: September 30, 2023 Firm Approval No.: 002215

Issued:

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Date

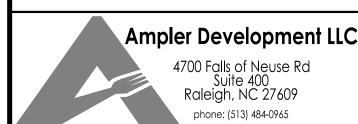
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4700 Falls of Neuse Rd Suite 400 Raleigh, NC 27609 phone: (513) 484-0965

Project No.

Burger King Store#:

322 Pottstown Ave. Pennsburg, PA 18073

Montgomery County (Pennsburg Borough)

Project Name & Location:

Demolition Plan

Drawing Name:

Date: 01/21/22 21-0327 Type:

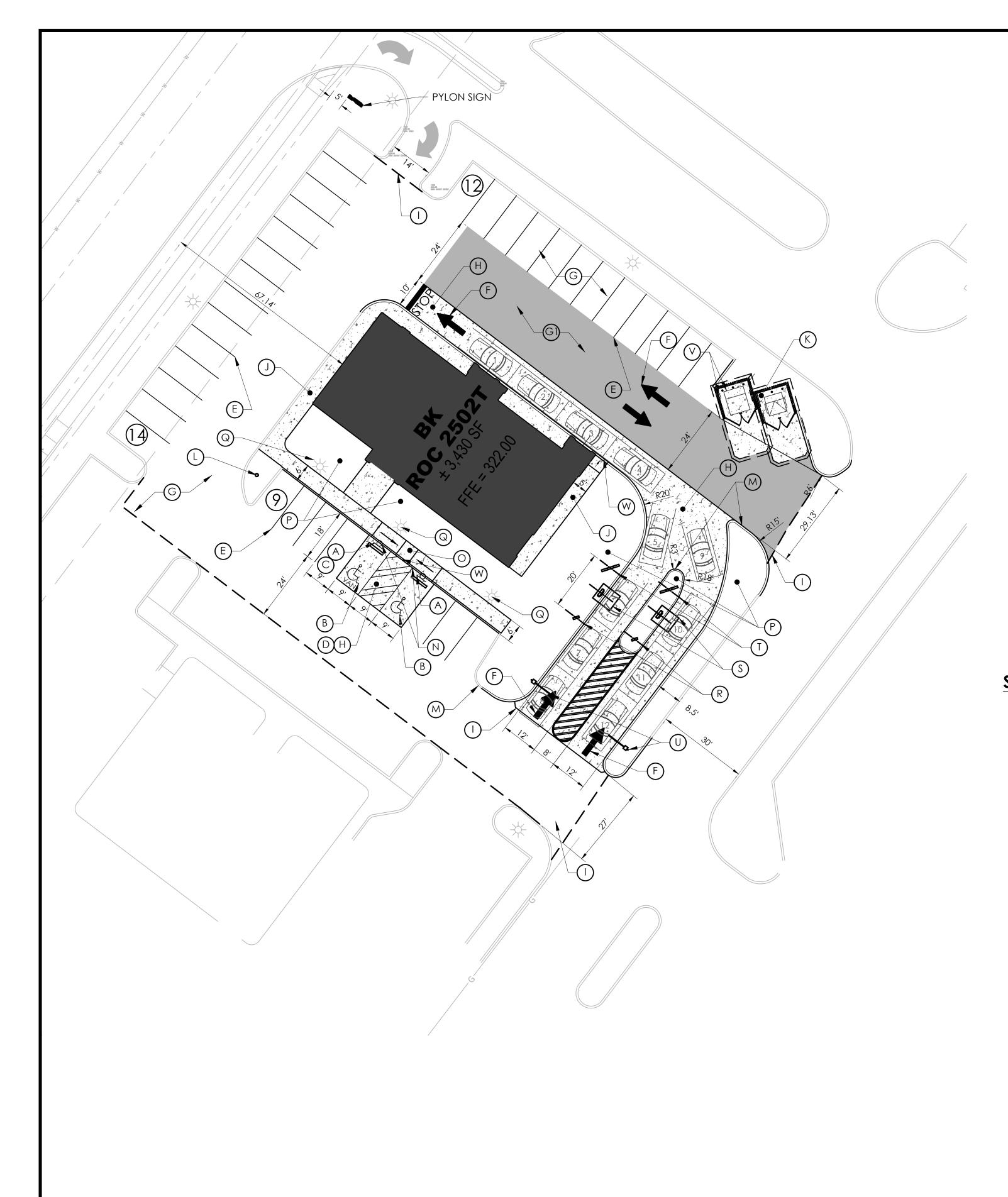
Drawn By: SAS

Scale: 1" = 20' | Drawing No.

DEMOLITION NOTES:

- 1. PRIOR TO DEMOLITION OCCURRING, ANY REQUIRED EROSION CONTROL DEVICES SHALL BE INSTALLED. THE CONTRACTOR SHALL COORDINATE WITH THE PROPERTY OWNER REGARDING ANY REQUIREMENTS RELATIVE TO THE OVERALL PROPERTY DEVELOPMENT.
- 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 CLIENT 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 CLIENT REQUEST.
- 3. ALL EXISTING ON-SITE UTILITIES SHALL REMAIN UNLESS DESIGNATED FOR REMOVAL OR ABANDONMENT. ALL UTILITIES EXISTING WITHIN THE PROPOSED BUILDING ENVELOPE SHALL BE REMOVED [PROTECTED OR RELOCATED AS NECESSARY TO ALLOW FOR THE PROPOSED IMPROVEMENTS/BUILDING EXPANSION]. PROTECT ALL EXISTING UTILITIES TO REMAIN.
- 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 COST SHALL BE INCLUDED IN BASE BID. REFER TO THE SURVEY FOR ADDITIONAL INFORMATION. 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.
- 5. 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.
- 6. 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 SURVEY PLAN PRIOR TO START OF ANY WORK. ANY AND ALL DISCREPANCIES ARE TO BE DOCUMENTED AND SUBMITTED TO THE OWNER 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
- 7. GIVE NOTICE TO ALL UTILITY COMPANIES REGARDING DESTRUCTION AND REMOVAL OF ALL SERVICE LINES AND CAP ALL LINES BEFORE PROCEEDING WITH THE WORK. 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. SANITARY AND STORM SEWERS SHALL BE TESTED PRIOR TO ABANDONING THEM TO VERIFY THEY ARE NO LONGER IN USE. TESTING SHALL INCLUDE FLOW TESTING, AIR TESTING, TELEVISING, AND OTHER TESTING NECESSARY TO VERIFY PIPES ARE PROPERLY DISCONNECTED. IF FLOW IS NOTED IN PIPES THE CONTRACTOR SHALL TRACK DOWN SOURCE AND VERIFY IT IS NOT AN ACTIVE UTILITY OR DRAINAGE CONNECTION.
- 8. 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.
- 9. MANHOLES, CATCH BASINS, CLEANOUTS, VALVE BOXES, FRAMES, COVERS AND GRATES TO REMAIN SHALL BE PROTECTED AND ADJUSTED TO FINAL GRADES, IF APPLICABLE.
- 10. CONTRACTOR IS RESPONSIBLE FOR ALL DEWATERING, IF REQUIRED.

WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.



SITE LEGEND:

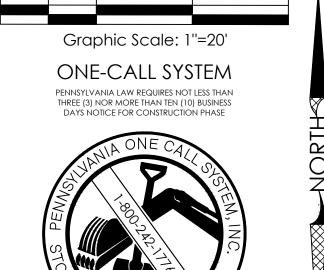
- ACCESSIBLE PARKING SIGN, POST & BOLLARD WITH ACCESSIBLE FAIRNING S.C., SLEEVE COVER (REFER TO DETAILS)
- (B) PAINTED ACCESSIBLE PARKING SYMBOL (REFER TO DETAIL)
- (C) "VAN ACCESSIBLE" SIGN (REFER TO DETAIL)
- PAINTED PARKING ISLAND AREA TO BE STRIPED WITH 4" SYSL @ 2'-0" O.C. AND AT 45° TO PARKING SPACE.
- (E) SYSL/4" PARKING STALL STRIPING
- (F) PAVEMENT MARKINGS ARROWS (REFER TO DETAIL)
- (G) REGULAR DUTY PAVEMENT (REFER TO DETAIL)
- (G) HEAVY DUTY PAVEMENT (REFER TO DETAIL)
- (H) HEAVY DUTY CONCRETE (REFER TO DETAIL)
- (I) EDGE OF PAVEMENT
- (J) CONCRETE SIDEWALK (REFER TO DETAIL)
- (K) DUMPSTER LOCATION (REFER TO ARCH. PLAN DETAIL)
- FLAG POLE. COORDINATE SIZE AND LOCATION WITH AMPLER DEVELOPMENT
- (M) CONCRETE CURB (REFER TO DETAIL)
- (N) TRANSITION CURB (REFER TO DETAIL)
- O ADA RAMP AND DETECTABLE WARNING (REFER TO DETAIL)
- (P) LAWN/MULCH AREA (COORDINATE WITH OWNER)
- © EXISTING LIGHT POLE WRAP CONCRETE BASE WITH SLEEVE (REFER TO DETAIL)
- (R) OPTIONAL PREVIEW BOARD (REFER TO DETAIL)
- S ORDER CONFIRMATION UNIT (REFER TO DETAIL)
- T) MENU BOARD (REFER TO DETAIL)
- (U) CLEARANCE BAR (REFER TO DETAIL)
- (V) TRASH COMPACTOR & ELECTRIC BOX (REFER TO DETAIL)
- W FLUSH CURB

SITE NOTES:

- 1. CONTRACTOR SHALL REVIEW SITE AND EXISTING PAD CONDITIONS AND INCLUDE ALL WORK NECESSARY FOR CONSTRUCTION OF PROJECT.
- 2. ALL EXISTING BUILDING(S), SITE, ROADWAY, UTILITY, BOUNDARY, AND TOPOGRAPHY INFORMATION SHOWN ON THIS PLAN IS REPRESENTED BASED ON USE OF THE LISTED REFERENCES. CONTRACTOR TO VERIFY LOCATION AND LIMITS OF WORK PRIOR TO STARTING. ANY CHANGES OR CONFLICTS DISCOVERED SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER. IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, HE SHALL HAVE MADE, AT HIS EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR AND SUBMIT IT TO THE OWNER FOR REVIEW.
- 3. 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.
- 4. CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, BARRICADES, ENCLOSURES, ETC. CONTRACTOR SHALL NOT BLOCK THE SHARED ACCESS DRIVES AND KEEP ALL WORK WITHIN THE PAD SITE LIMITS.

REFERENCE:

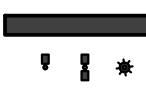
- 1. PAD B SITE PLAN, LAST REVISED ON 06/17/2021, PREPARED BY HORIZON ENGINEERING
- 2. PRELIMINARY ALTA/NSPS LAND TITLE SURVEY, LAST REVISED ON 12/22/2021, PREPARED BY BL COMPANIES





LEGEND OF IMPROVEMENTS

BACK OF CURB FACE OF CURB/BACK OF CURB SUBJECT PARCEL PROPERTY LINE — — — SETBACK LINE PROPOSED BUILDING TRANSFORMER PAD CONCRETE PAVEMENT (REFER TO HEAVY DUTY PAVEMENT (REFER TO DETAIL)



LIGHT POLES

BUILDING AREA

SITE SIGN, PAINTED STOP BAR & "STOP" LETTERING

Revisions: Date:

Issued:

CIVIL ENGINEER OF RECORD

Penn. License No.: PE084166 Exp. Date: September 30, 2023 Firm Approval No.: 002215

Name: Todd G. Markevicz

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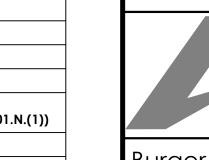
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	4700 Falls of Neuse Rd Suite 400 Raleigh, NC 27609 phone: (513) 484-0965
Burger King	Store#:

Ampler Development LLC

322 Pottstown Ave. Pennsburg, PA 18073

Project Name & Location:

Montgomery County (Pennsburg Borough)

Site Plan

Drawing Name:

Date: 01/21/22 21-0327 Type:

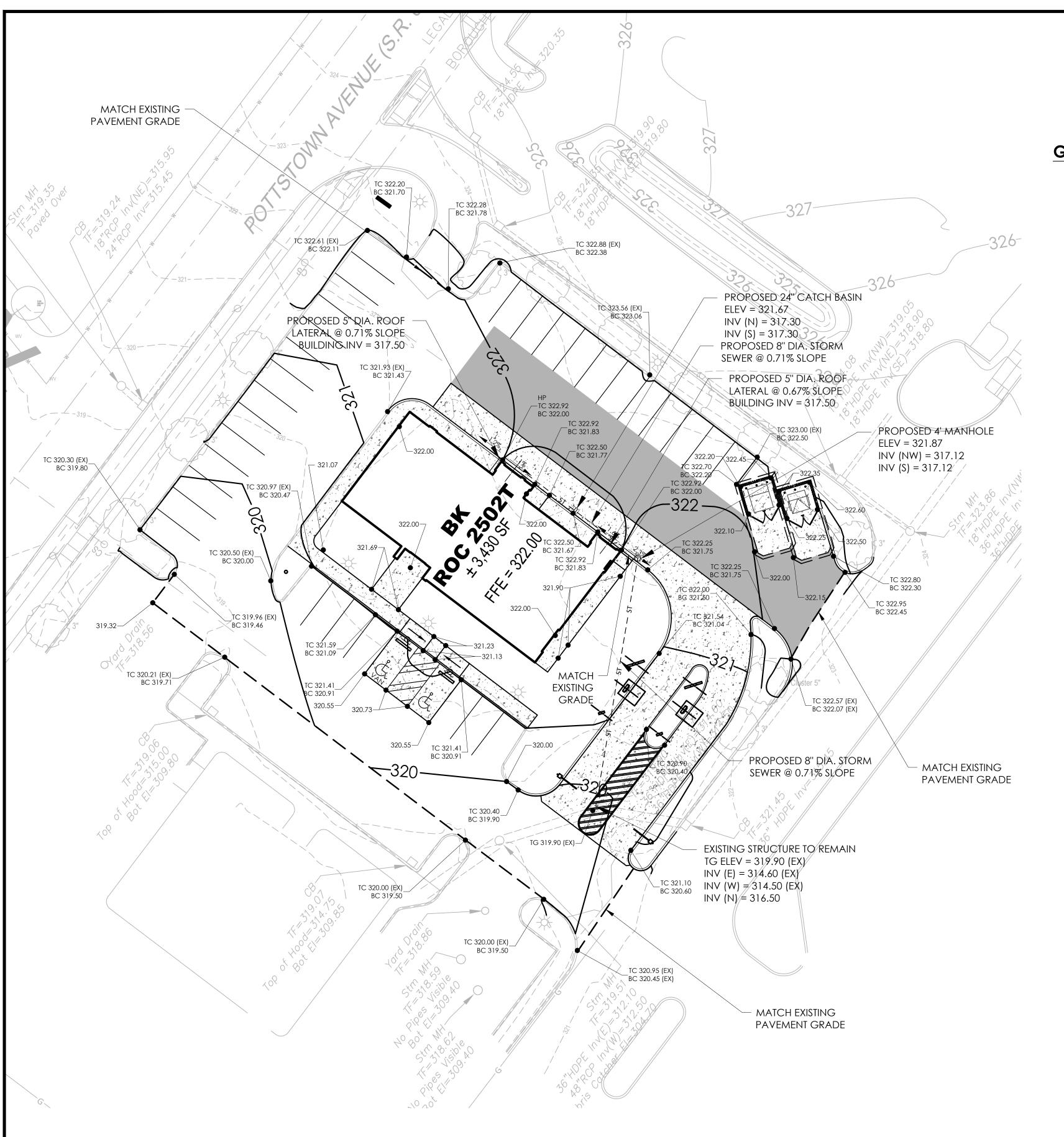
Project No.

Drawn By: SAS Scale: 1" = 20' | Drawing No.

SITE DATA:		
LOCAL JURISDICTION:	BOROUGH OF PENNSBURG	
ZONING CLASSIFICATION:	SC- SHOPPING CENTER DISTRICT	
PERMITTED USES:	FAST-FOOD / DRIVE-IN EATING ESTABLISHMENT (SATELLITE USE) (PERMITTED BY CONDITIONAL USE PURSUANT TO SECTION 11-1001.N.(1))	
OWNER:	PENNSBURG SQUARE ASSOCIATES LP	
PROPERTY ACREAGE:	16.4169 ACRES TO ULT. R/W	

BULK REQUIREMENTS	REQUIRED	PROPOSED	VARIANCE
FRONT YARD	25 FT MINIMUM	± 67 FT	NO
REAR YARD	25 FT MINIMUM	± 69 FT	NO
SIDE YARD	26 FT MINIMUM	± 45 FT, ± 62 FT	NO
MINIMUM TRACT AREA	5 AC	16.42 AC	NO
MAXIMUM BUILDING HEIGHT	40 FT	24 FT	NO
INGRESS/EGRESS MINIMUM DRIVE WIDTH	26 FT MINIMUM	27 FT & 29 FT	NO
PARKING REQUIREMENT	THE LARGER OF 1.5 SPACES PER TABLE OR BOOTH OR 1 SPACE PER 50 SF OF GROSS FLOOR AREA; MIN OF 25 SPACES (72 SPACES)	>72 SPACES (WITHIN 150 FT.)	NO
PARKING STALL WIDTH	10 FT MIN	9 FT	YES*
PARKING STALL LENGTH	20 FT MIN	18 FT	YES*
MINIMUM STACKING REQUIREMENTS	6 SPACES PER BOOTH / SERVICE WINDOW	12 SPACES	NO
AISLE WIDTH	22 FT	24 FT	NO
OFF-STREET PARKING SETBACK	10 FT FROM ANY R DISTRICT BOUNDARY.	>10 FT	NO

*NOTE: WAIVER WAS GRANTED ON FEB 6 2018.



REFERENCE:

- 1. PAD B SITE PLAN, LAST REVISED ON 06/17/2021, PREPARED BY HORIZON ENGINEERING
- 2. PRELIMINARY ALTA/NSPS LAND TITLE SURVEY, LAST REVISED ON 12/22/2021, PREPARED BY BL COMPANIES

Graphic Scale: 1"=20" ONE-CALL SYSTEM PENNSYLVANIA LAW REQUIRES NOT LESS THAN THREE (3) NOR MORE THAN TEN (10) BUSINESS DAYS NOTICE FOR CONSTRUCTION PHASE

GRADING AND DRAINAGE NOTES:

- 1. THE CONTRACTOR SHALL COORDINATE WITH THE PROPERTY OWNER REGARDING ANY EROSION AND SEDIMENT CONTROL REQUIREMENTS RELATIVE TO THE OVERALL PROPERTY DEVELOPMENT, AND INSTALL ACCORDINGLY. THIS MAY INCLUDE A WHEEL WASH STATION AS WELL AS INLET PROTECTION.
- 2. THE EARTHWORK FOR ALL BUILDING FOUNDATIONS AND SLABS SHALL BE IN ACCORDANCE WITH ARCHITECTURAL BUILDING PLANS AND SPECIFICATIONS.
- 3. ALL EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE RECOMMENDATIONS AND SPECIFICATIONS OF THE GEOTECHNICAL REPORT PREPARED BY CONVERSE CONSULTANTS DATED DECEMBER 22, 2021.
- CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ENSURE A SMOOTH FIT, CONTINUOUS GRADE, AND POSITIVE DRAINAGE (AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS). THE CONTRACTOR SHALL ADJUST TOPS OF CLEANOUTS, MANHOLES, VALVES, HANDHOLES, ETC. TO REMAIN TO PROPOSED FINISHED GRADE, AS NECESSARY.
- 5. 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.
- 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. REFER TO GEOTECHNICAL REPORT FOR MORE INFORMATION.
- 7. EARTHWORK SHOULD INCLUDE THE COMPLETE REMOVAL OF ALL VEGETATION, TOPSOIL, ORGANIC SUBSOIL, AND ANY SURFACE DEBRIS IN AREAS WHERE REGRADING IS REQUIRED.
- 8. THE STORM SEWER SHALL BE CPP, SMOOTH LINED CORRUGATED POLYETHYLENE PIPE, UNLESS OTHERWISE NOTED ON PLANS.
- 9. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION AND ELEVATION OF INTERNAL ROOF DRAINS AND UNDER SLAB DRAINS.
- 10. ALL CUT OR FILL SLOPES SHALL BE 4:1 OR FLATTER UNLESS OTHERWISE NOTED. ALL SLOPES MUST BE STABILIZED/PROTECTED FROM EROSION.
- 11. ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE TOPSOIL AND/OR MULCH AT A DEPTH AS NOTED IN THE SPECIFICATIONS.
- 12. THE CONTRACTOR SHALL REVIEW THE EXISTING PAD AND SITE RELATIVE TO PROPOSED IMPROVEMENTS AND INCLUDE ALL NECESSARY WORK AND ASSOCIATED FEES TO COMPLETE PROJECT AS PART OF BASE BID. THE EXISTING PAD HAS BEEN ACCEPTED AS-IS AND CONTRACTOR SHALL ACCEPT AS-IS.

LEGEND OF IMPROVEMENTS

	SUBJECT PARCEL PROPERTY LINE	
	PROPOSED BUILDING	
UD	UNDERDRAIN	
st	STORM LATERAL	
= = = = = = = = = = = = = = = = = = = =	STORM SEWER & STRUCTURES	
*	LIGHT POLES	
TC 895.50 X BC 895.50 TW 895.50	SPOT ELEVATION TC/BC=TOP & BOTTOM OF CURB TW=TOP OF WALL	
	CONTOUR	
	SAWCUT/LIMIT OF PAVEMENT REPLACEMENT	
	HEAVY DUTY ASPHALT PAVEMENT	

ABBREVIATION

-ASPHALT CONCRETE

-LINEAR FEET -SQUARE FEET

DIA -DIAMETER INV -INVERT

CPP -CORRUGATED POLYETHYLENE PIPE (SMOOTHED LINE)

HDPE -HIGH DENSITY POLYETHYLENE PIPE

PVC -POLYVINYL CHLORIDE TG -TOP OF GRATE

-GROUND ELEVATION

-TOP OF CURB

BC -BOTTOM OF CURB/EDGE OF PAVEMENT HP -HIGH POINT

F.F.E. -FINISH FLOOR ELEVATION

TW -TOP OF WALL BW -BOTTOM OF WALL

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Exp. Date: September 30, 2023

Firm Approval No.: 002215

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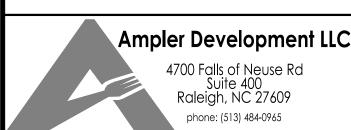
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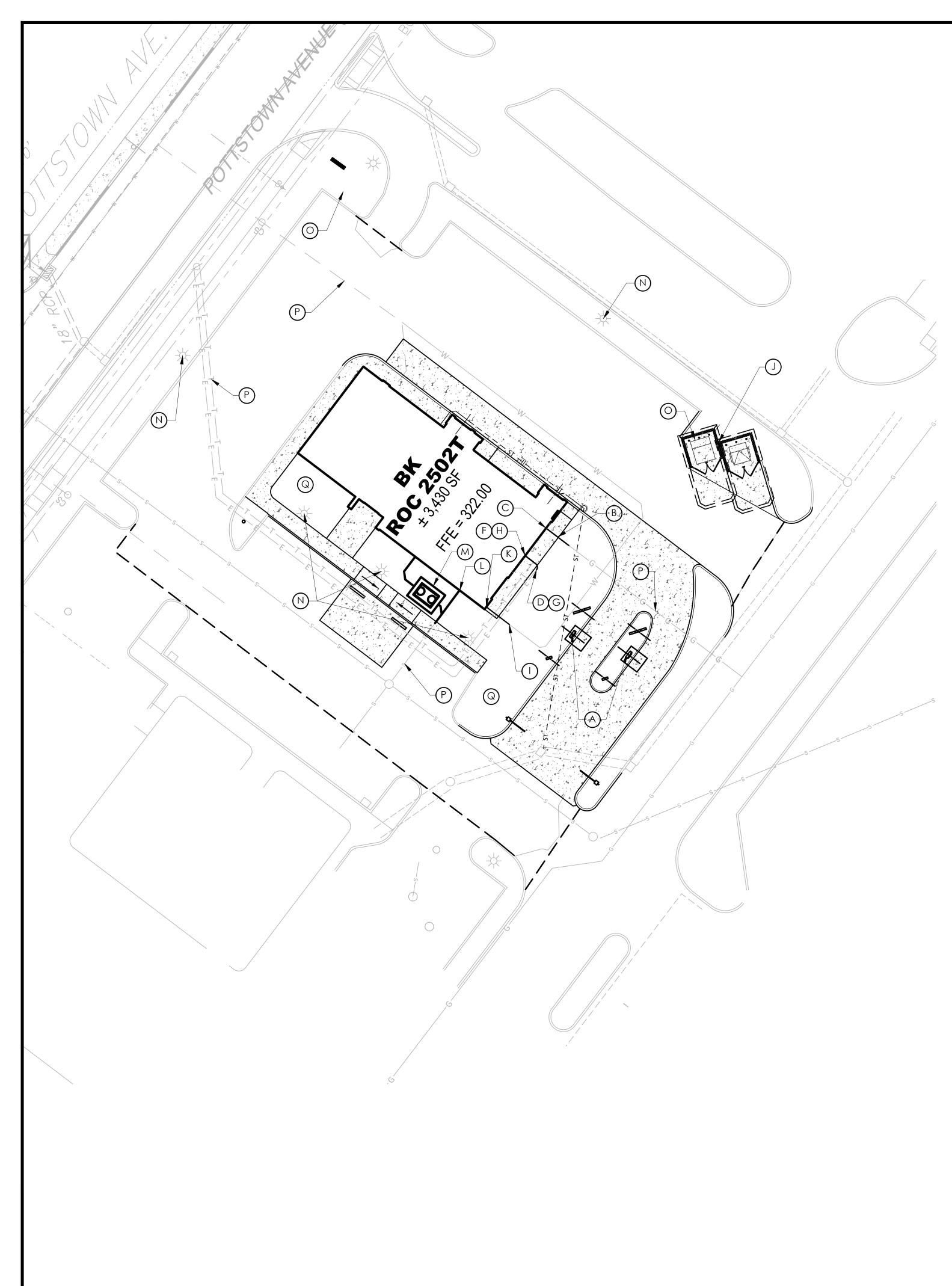
Project Name & Location:

Grading & Drainage Plan Drawing Name:

Project No. Date: 01/21/22 21-0327 Type:

Drawn By: SAS Drawing No.

Scale: 1" = 20'



UTILITY LEGEND:

- (A) EXTEND NEW ELECTRIC TO DRIVE-THRU EQUIPMENT.
- B EXTEND EXISTING GAS SERVICE TO BUILDING. COORDINATE WITH UTILITY PROVIDER & DEVELOPER.
- (C) GAS METER AND SERVICE ENTRY.
- UNDERGROUND ELECTRIC SERVICE. CONTRACTOR SHALL
 COORDINATE WITH ELECTRIC COMPANY FOR FINAL CONNECTION
 AND INSTALL CONDUIT AND REQUIRED PULL BOXES PER THEIR
 REQUIREMENTS.
- PAD-MOUNTED ELECTRIC TRANSFORMER. CONTRACTOR SHALL COORDINATE EXACT LOCATION, SIZE, INSTALLATION, AND PROTECTION OF TRANSFORMER WITH ELECTRIC COMPANY.
- (F) ELECTRIC METER AND SERVICE ENTRY.
- UNDERGROUND TELEPHONE LINE. CONTRACTOR SHALL

 G COORDINATE WITH TELEPHONE COMPANY AND INSTALL CONDUIT
 AND REQUIRED PULL BOXES PER THEIR REQUIREMENTS.
- (H) TELEPHONE SERVICE ENTRY.
- CONNECT TO EXISTING 2" WATER SERVICE STUB AND EXTEND 2" SERVICE TO BUILDING.
- PROVIDE SECURITY LIGHTING FOR TRASH AND COMPACTOR ENCLOSURE. SEE BUILDING ELECTRICAL PLAN FOR CONDUIT, ROUTING & WIRING.
- (K) DOMESTIC WATER SERVICE ENTRY.
- 8" SANITARY SERVICE ENTRY @INV = 317.00 WITH CLEAN-OUT, REFER TO BUILDING PLANS.
- (M) 1200 GALLON GREASE INTERCEPTOR. (REFER TO DETAIL)
- EXISTING LIGHT POLE TO REMAIN. EXISTING WIRING IS ROUTED

 BACK TO DEVELOPER BUILDING AND LOCATION IS UNKNOWN.

 CONTRACTOR TO TAKE CARE WHILE EXCAVATING.
- SEE BUILDING ELECTRICAL PLAN FOR CONDUIT ROUTING AND WIRING TO COMPACTOR.
- UTILITIES TO BE INSTALLED WITHIN 5' BUILDING BY DEVELOPER.

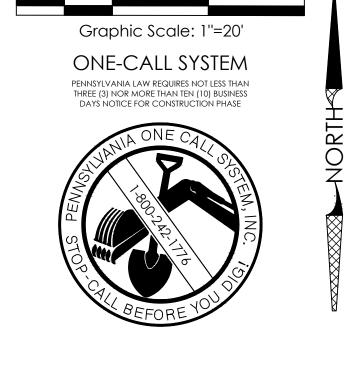
 (P) CONTRACTOR TO COORDINATE WITH DEVELOPER FOR TIMING OF WORK
- GENERAL CONTRACTOR TO PROVIDE DEIGN AND COORDINATE WITH AMPLER DEVELOPMENT TO CONFIRM IF SEPARATE IRRIGATION METER IS REQUIRED.

UTILITY NOTES:

- 1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY FOR NOTIFYING ANY UTILITY COMPANY WHICH MAINTAINS A UTILITY LINE WITHIN THE BOUNDARIES OF THE PROJECT PRIOR TO THE START OF CONSTRUCTION. THE LOCATION AND/OR ELEVATION OF ALL EXISTING UTILITIES SHOWN ON THESE PLANS IS BASED ON LISTED REFERENCES, RECORDS OR THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. DRAWINGS DO NOT PURPORT TO SHOW ALL EXISTING UTILITIES. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. THE CONTRACTOR SHALL ASSUME THE RESPONSIBILITY FOR ANY DAMAGE TO EXISTING UTILITY LINES AS A RESULT OF HIS ACTIVITIES, WHETHER THESE LINES ARE SHOWN ON THE PLANS OR NOT. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING UTILITY DURING CONSTRUCTION AT NO COST TO THE OWNER. THE CONTRACTOR SHALL TAKE WHATEVER MEASURES NECESSARY TO LOCATE AND PROTECT EXISTING UTILITIES, STRUCTURES, AND OTHER FACILITIES TO REMAIN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- 2. 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.
- 3. THE CONTRACTOR SHALL ADJUST TOPS OF CLEANOUTS, MANHOLES, VALVES, HANDHOLES, ETC. TO REMAIN TO PROPOSED FINISHED GRADE, AS NECESSARY.
- 4. CONTRACTOR TO COORDINATE WITH PROPERTY OWNER REGARDING UTILITY SERVICE LOCATIONS, INSTALLATION DATES, ETC. THE PROPERTY OWNER IS RESPONSIBLE TO BRING ALL UTILITIES WITHIN 5' OF BUILDING FOOTPRINT AS NOTED ON PLANS. CONTRACTOR SHALL EXTEND ALL SERVICES TO BUILDING AS NEEDED AND COORDINATE WITH AMPLER AND PROPERTY OWNER FOR TRANSFER OF UTILITY SERVICES.

REFERENCE:

- PAD B SITE PLAN, LAST REVISED ON 06/17/2021, PREPARED BY HORIZON ENGINEERING
- PRELIMINARY ALTA/NSPS LAND TITLE SURVEY, LAST REVISED ON 12/22/2021, PREPARED BY BL COMPANIES



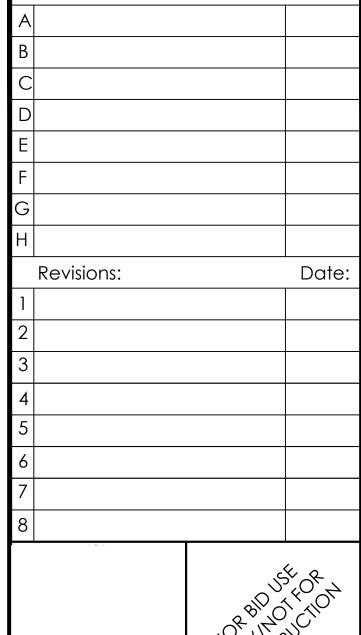
LEGEND OF IMPROVEMENTS

	SUBJECT PARCEL PROPERTY LIN
	PROPOSED BUILDING
EE	UNDERGROUND ELECTRIC
тт	UNDERGROUND TELEPHONE
G	GAS SERVICE
—	WATER SERVICE
—————————————————————————————————————	SANITARY SEWER LATERAL & CLEANOUT
— — — — UD — — —	UNDERDRAIN
ST	STORM LATERAL
	STORM SEWER & STRUCTURES

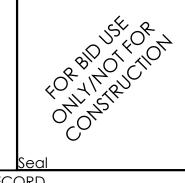
↓ LIGHT POLES

- 5. CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND COMPLYING WITH THE SPECIFICATIONS OF THE UTILITY COMPANIES AND LOCAL AUTHORITIES WITH REGARDS TO MATERIALS, INSTALLATION, INSPECTION, TESTING, CLEANING, CERTIFICATION, RECORD MAP, AND AS-BUILT REQUIREMENTS OF THE UTILITY COMPANIES AND AUTHORITIES HAVING JURISDICTION.

 UNDERGROUND UTILITIES SHALL BE INSTALLED, INSPECTED AND APPROVED BY ALL AUTHORITIES HAVING JURISDICTION BEFORE BACKFILLING. THE CONTRACTOR SHALL CONDUCT ALL REQUIRED TESTS TO THE SATISFACTION OF THE RESPECTIVE UTILITY COMPANIES AND THE OWNER'S INSPECTING AUTHORITIES.
- 6. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR ACTUAL LOCATION, SIZE, AND INVERT OF ALL UTILITY ENTRANCES. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES, IN SUCH A MANNER AS TO AVOID CONFLICTS AND ENSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH UTILITY COMPANIES FOR REQUIREMENTS AS TO LOCATION AND SCHEDULING FOR TIE-INS/CONNECTIONS PRIOR TO CONNECTING TO EXISTING UTILITIES.
- 7. THE MINIMUM SEPARATION BETWEEN WATER AND SEWER LINES SHALL BE 18 INCHES VERTICALLY MEASURED FROM OUTSIDE TO OUTSIDE OF PIPE AT A CROSSING. EXCEPT AT CROSSINGS, A MINIMUM 10 FOOT HORIZONTAL SEPARATION MEASURED FROM OUTSIDE TO OUTSIDE OF PIPE SHALL BE MAINTAINED.



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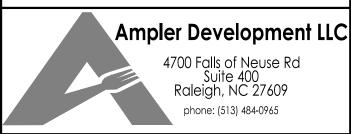
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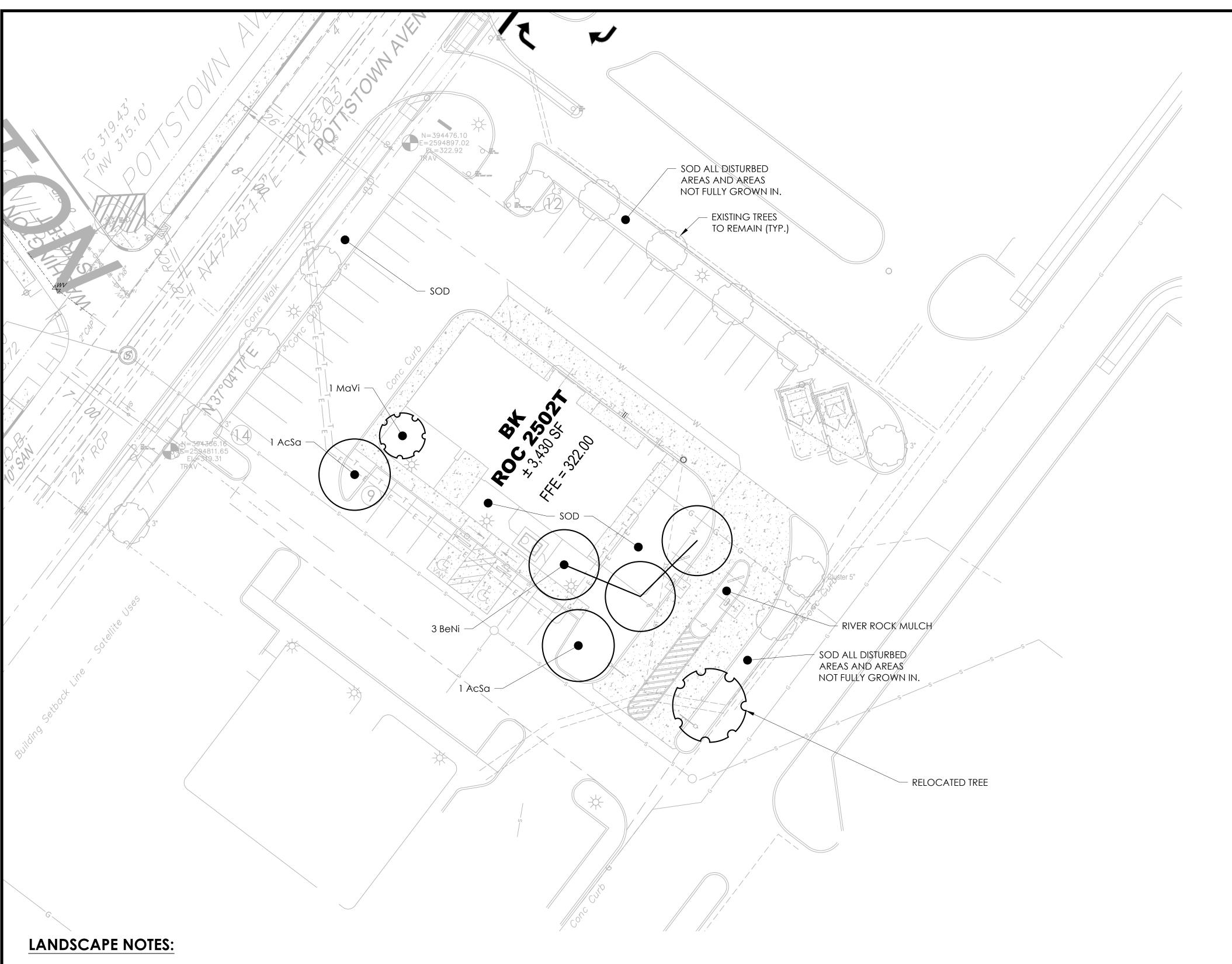
Montgomery County (Pennsburg Borough)
Project Name & Location:

Utility Plan

rawing Name:		
Project No.		
21-0327		

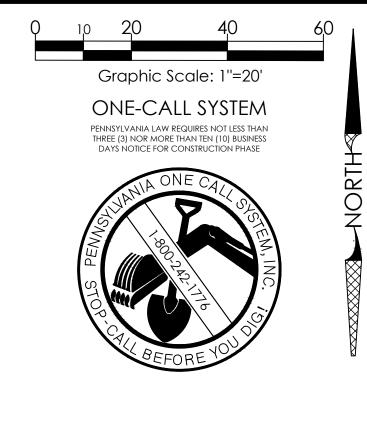
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REFERENCE:

- 1. PAD B SITE PLAN, LAST REVISED ON 06/17/2021, PREPARED BY HORIZON ENGINEERING
- 2. PRELIMINARY ALTA/NSPS LAND TITLE SURVEY, LAST REVISED ON 12/22/2021, PREPARED BY BL COMPANIES



LEGEND OF IMPROVEMENTS

	SUBJECT PARCEL PROPERTY LIN
	PROPOSED BUILDING
—— E —— E ——	UNDERGROUND ELECTRIC
—	UNDERGROUND TELEPHONE
——————————————————————————————————————	GAS SERVICE
	WATER SERVICE
— — © C/O — SA — — —	SANITARY SEWER LATERAL & CLEANOUT
UD	UNDERDRAIN
st	STORM LATERAL
	STORM SEWER & STRUCTURES
\overline{Y}	PROPOSED STEEP SLOPES
[┇] ┇╍┸╍┰╍╂╸	LIGHT POLES
Ø⊙*	SHRUBS/BUSHES
+	DECIDUOUS TREE
1	

CONIFER TREE

PLANT SCHEDULE

CANOPY / SHADE TREES

FLOWERING / ORNAMENTAL TREES

COMMON NAME

GREEN MOUNTAIN SUGAR MAPLE

HERITAGE RIVER BIRCH

SWEETBAY MAGNOLIA

LATIN NAME

ACER SACCHARUM 'GREEN MOUNTAIN'

BETULA NIGRA 'HERITAGE'

MAGNOLIA VIRGINIANA

QUANT. KEY

AcSa

BeNi

1 MaVi

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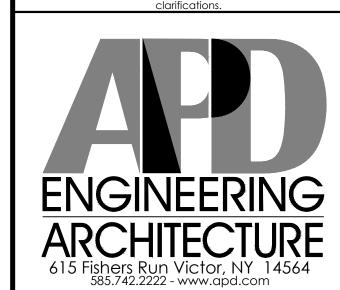
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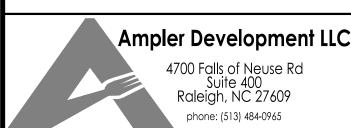
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Montgomery County (Pennsburg Borough)

Project Name & Location:

Planting Plan

Drawing Name:

SIZE

2.5" - 3" CAL.

10' - 12' HT.

B&B 8' - 10' HT.

ROOTS

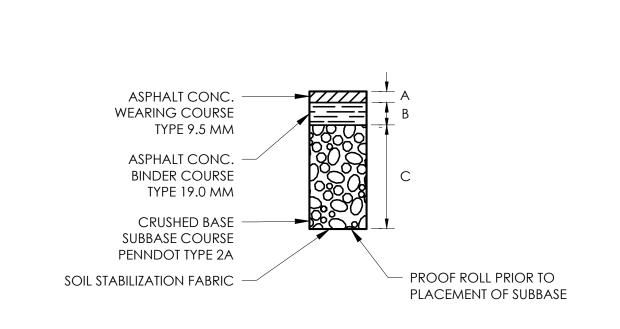
B&B

B&B

Project No. Date: 01/21/22 21-0327 Type:

Drawn By: SAS | Scale: 1" = 20' | Drawing No.

- 1. REFER TO SPECIFICATIONS FOR SEED MIXES, MULCH, AND ADDITIONAL INFORMATION. SOD SHALL BE USED TO ESTABLISH LAWN RATHER THAN SEED AND STRAW. ALL MULCH AROUND BUILDING AND DRIVE-THRU SHALL BE RIVER ROCK. MULCH FOR PERIMETER AREAS CAN BE HARDWOOD. COORDINATE WITH AMPLER AS NEEDED.
- 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 PERIOD.
- 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.
- 8. REFER TO UTILITY PLAN FOR REQUIRED IRRIGATION.

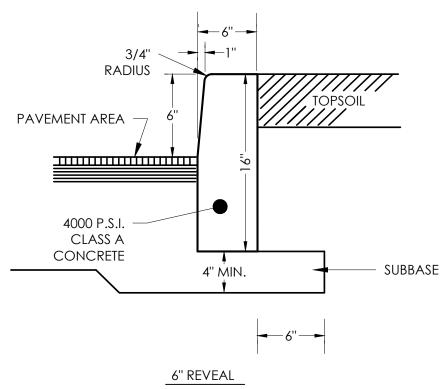


	REGULAR DUTY	HEAVY DUTY
Α	1.5"	2"
В	3.5"	4''
С	8"	12"

NOTES:

1. PAVEMENT SECTIONS ARE PROVIDED BASED ON THE GEOTECHNICAL ENGINEERING REPORT PROVIDED BY CONVERSE CONSULTANTS ON 12/22/2021.

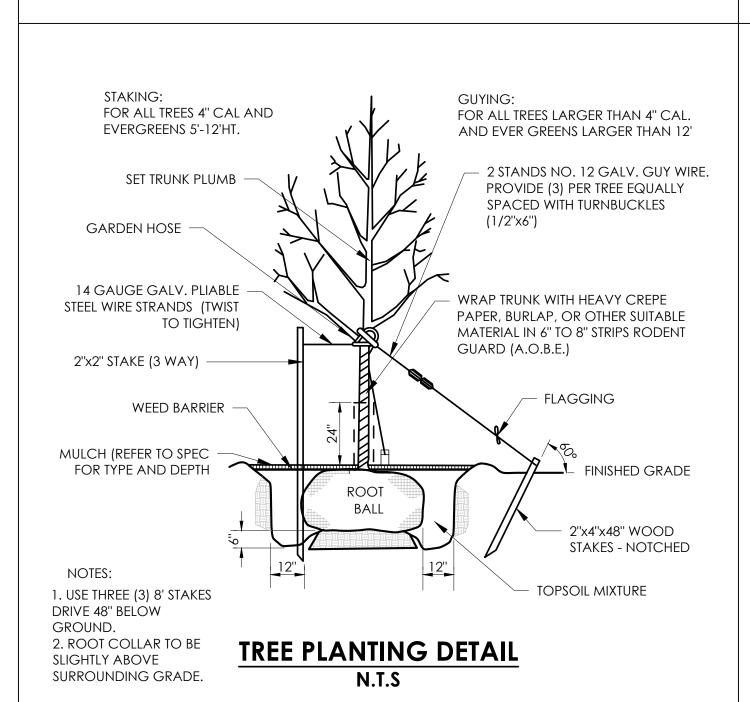
PAVING SECTION DETAIL N.T.S

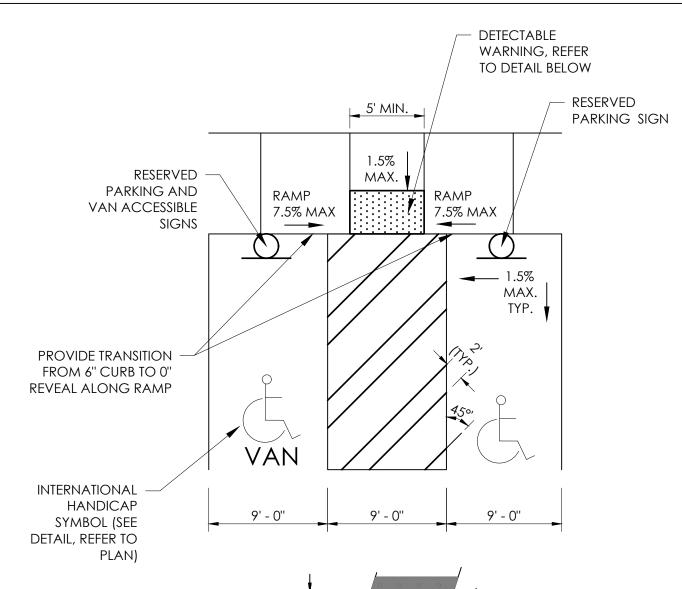


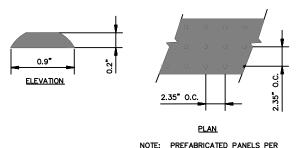
NOTES:

1. CONTROL JOINTS 10 FEET ON CENTER TO DEPTH OF $\frac{1}{3}$ THE CURB 2. EXPANSION JOINTS WITH PREMOLDED FILLER 50 FEET ON CENTER

CONCRETE CURB DETAIL N.T.S







- REFER TO SITE PLAN FOR ACCESSIBLE PARKING STRIPING LAYOUT. ALL SIDEWALK, RAMPS, LANDING AREAS, DETECTABLE WARNING, ETC. ALONG THE ACCESSIBLE PATH SHALL BE CONSTRUCTED IN ACCORDANCE WITH ADA STANDARDS.
- 3. CONTRACTOR TO REFER TO THE GRADING AND DRAINAGE PLAN FOR SLOPES.
- CROSS SLOPES FOR SIDEWALKS AND RAMPS SHALL BE 1.5% AT A MAXIMUM
- RUNNING SLOPES FOR SIDEWALKS SHALL BE 4.5% AT A MAXIMUM RUNNING SLOPES FOR RAMPS SHALL BE AT 7.5% MAXIMUM SLOPES FOR ADA PARKING STALLS AND UNLOADING BAYS SHALL BE
- 1.5% AT A MAXIMUM SIGNS TO BE PLACED IN CENTER OF PARKING STALL OR UNLOADING BAY (IF APPLICABLE) WHENEVER POSSIBLE. MAINTAIN THE MINIMUM OF 32" CLEAR SPACE REQUIRED IN ACCORDANCE WITH ADA REQUIREMENTS

ACCESSIBLE PARKING DETAIL





MULCH (REFER TO

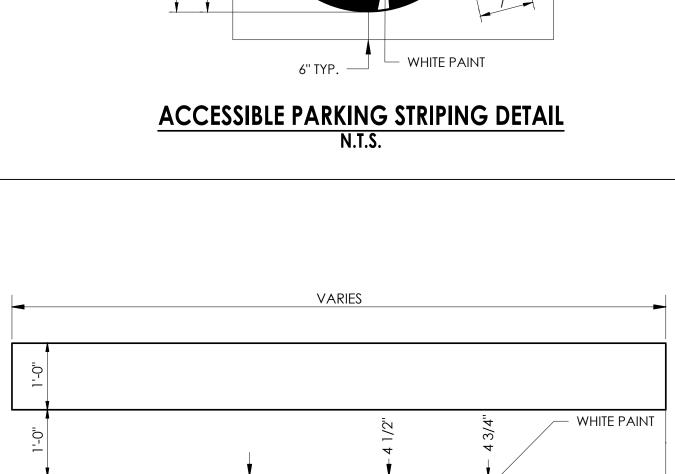
UNDISTURBED SUBSOIL

SPEC FOR TYPE AND

ROPE FROM TOP $\frac{1}{3}$ OF BALL

BACKFILL MIX (REFER TO SPEC)

IF SHRUB IS B&B, THEN REMOVE BURLAP &



— 0" (N.T.S.)

- RESERVED PARKING SIGN MOUNTED

FACING PARKING SPACE

VAN ACCESSIBLE SIGN,

MOUNTED FACING PARKING

SPACE (WHERE APPLICABLE)

RESERVED

PARKING

ACCESSIBLE

VIOLATORS

SUBJECT TO

TOWING

MIN. FINE \$50 MAX. FINE \$200

ACCESSIBLE SIGN POST INSTALLATION DETAIL

CENTERLINE

BLUE PAINT

PIPE BOLLARD

TRAFFIC YELLOW SLOPE TOP OF

CONCRETE

SURFACE

#6 - 14" LONG REBAR

EACH WAY THROUGH

4000 P.S.I. P.C.

CONCRETE

GROUND/PAVING

USE 6" SCHEDULE 40 STEEL PIPE

WITH TOP ROUNDED FILLED W/

CONCRETE AND PAINTED

CONTRACTOR SHALL REVIEW ALL

ACCORDANCE WITH ALL ADA

ANY REQUIRED "FINE" SIGNS SHALL

REQUIRED BY ANY STATE AND/OR

REQUIREMENTS. THIS DETAIL IS

PROVIDED FOR GENERAL

BE PROVIDED ON POST AS

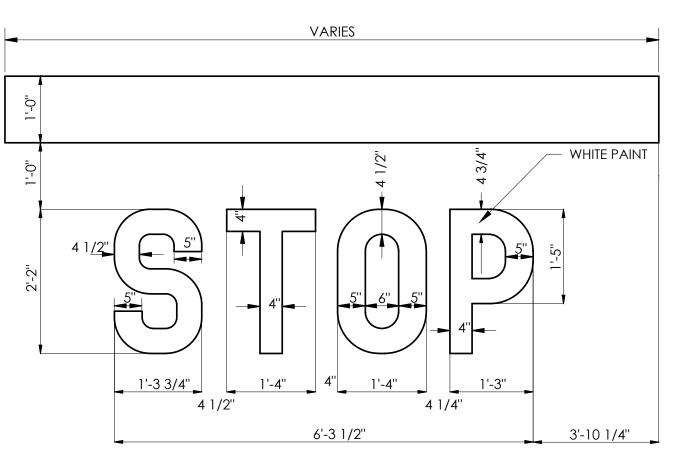
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GUIDANCE ONLY.

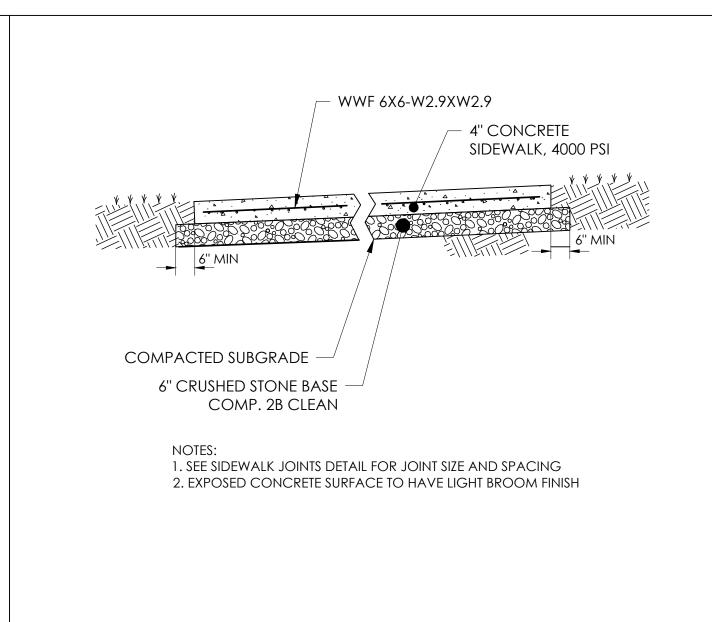
AND PROVIDE SIGNAGE IN

FEDERAL, STATE, AND LOCAL CODE

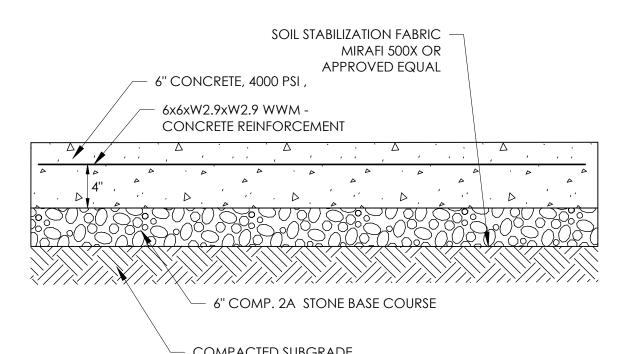




PARKING LOT DRIVE AISLE STOP BAR DETAIL N.T.S.



CONCRETE SIDEWALK DETAIL N.T.S.



— COMPACTED SUBGRADE NOTE:

EXPOSED CONCRETE SURFACE TO HAVE A LIGHT BROOM FINISH. CONTRACTION JOINTS 20' ON CENTER MAX., BOTH DIRECTIONS, SAWCUT 1/8 - 1/4" WIDE TO 1/4 THE SLAB DEPTH. STEEL REINFORCING TO BE

DISCONTINUOUS THROUGH JOINT. PAVEMENT SECTIONS ARE PROVIDED BASED ON THE GEOTECHNICAL ENGINEERING REPORT PROVIDED BY CONVERSE CONSULTANTS DATED 12/22/2021.

HEAVY DUTY CONCRETE (DRIVE THRU & ADA PAD) DETAIL

N.T.S

SOIL STABILIZATION FABRIC MIRAFI 500X OR APPROVED EQUAL 8" CONCRETE, 4000 PSI W/ 6-7% AIR ENTRAINING - 6 x 6 x W4.0 x W4.0 WWM -CONCRETE REINFORCEMENT — 6" COMP. 2A STONE BASE COURSE COMPACTED SUBGRADE

EXPOSED CONCRETE SURFACE TO HAVE A LIGHT BROOM FINISH. CONTRACTION JOINTS 20' ON CENTER MAX., BOTH DIRECTIONS. SAWCUT 1/8

- 1/4" WIDE TO 1/4 THE SLAB DEPTH. STEEL REINFORCING TO BE DISCONTINUOUS THROUGH JOINT. 2. PAVEMENT SECTIONS ARE PROVIDED BASED ON THE GEOTECHNICAL
- ENGINEERING REPORT PROVIDED BY CONVERSE CONSULTANTS DATED 12/22/2021
- 3. CONCRETE MIN 4000 PSI FOR DUMPSTER PAD.

DUMPSTER PAD CONCRETE DETAIL

N.T.S

Issued: Revisions: Date



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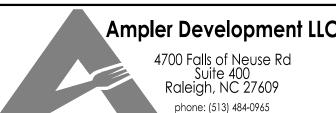
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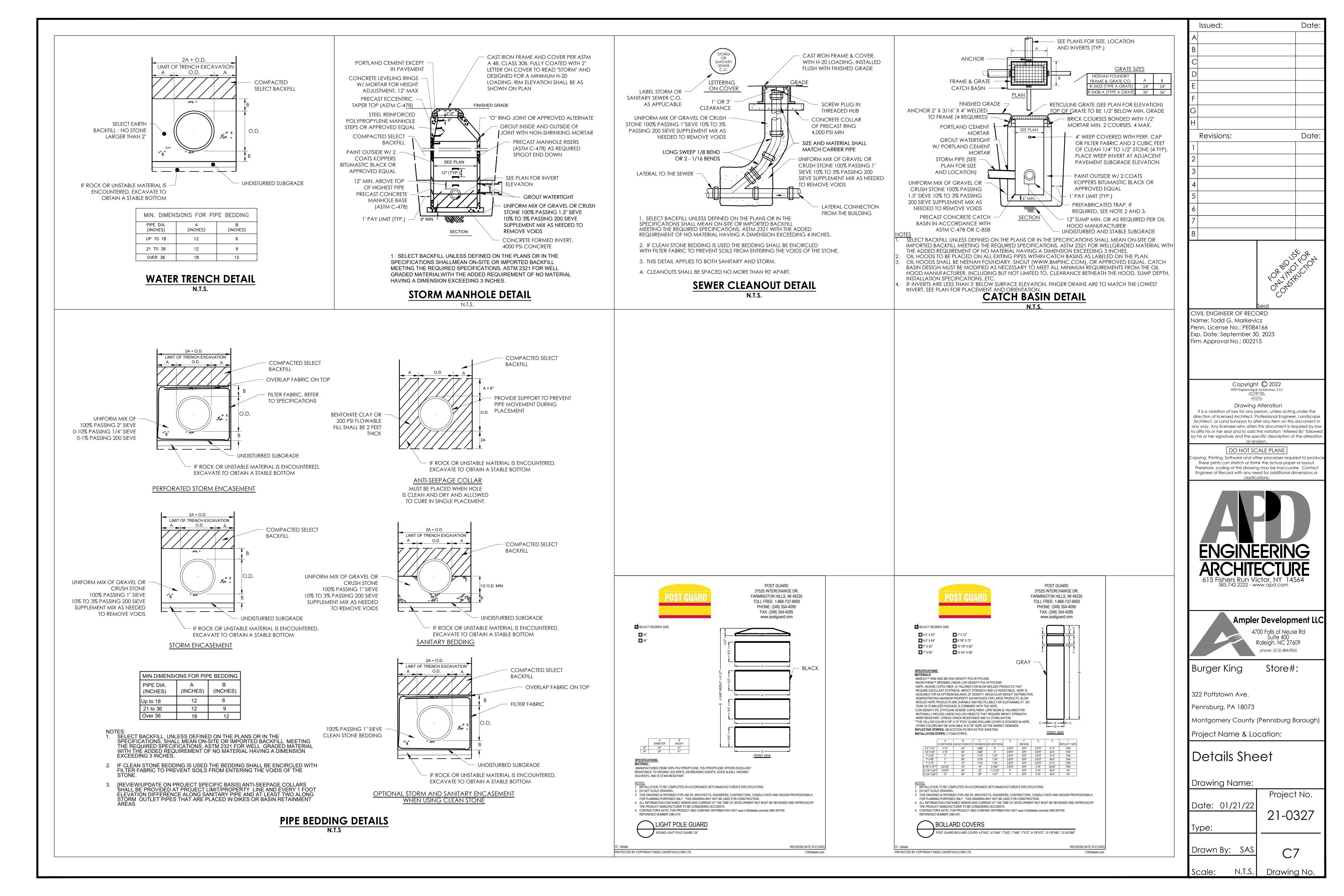
Details Sheet

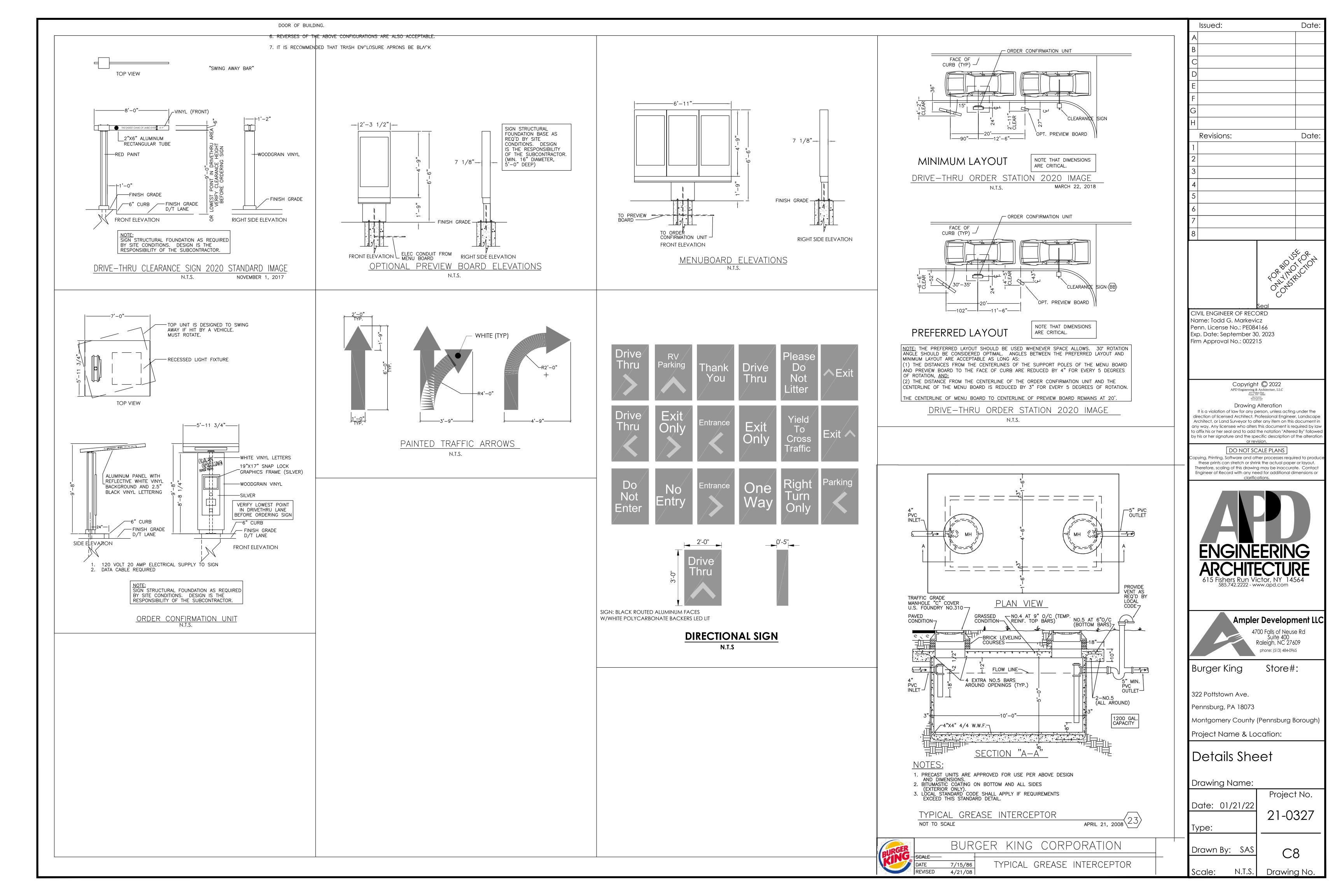
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Project No. Date: 01/21/22 21-0327

Type: Drawn By: SAS

Drawing No.





THE SPECIFICATIONS ARE NOT PROVIDED AS AN INDICATION OF WORK, BUT PROVIDE 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.

SENERAL CONSTRUCTION CONDITIONS

- 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
- 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 documents and plane, as necessary. GC 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 be familiar with all federal, state, and local requirements regarding these uses.
- 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
- 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. 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 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.
- 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 manitored 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.
- 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.
- The Contractor shall coordinate with the Authority having jurisdiction for all required inspections and be responsible to hire any required third party inspectors.
- 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.
- 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.
- 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 GPM/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 recommendations.

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 for demolition.
- All materials not slated for reuse must be disposed of off site in a lead 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.
- 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 (ASTM D 1557).
- All demolition within the proposed building footprint shall be coordinated with the building drawings.
- 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

- Clearing and grubbing shall not commence until any required erosion control and BMP's are in place.
- 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.
- The Contractor shall take whatever measures necessary to locate and protect existing utilities, structures, wetlands, and other facilities to remain.
- All trees, shrubs, stumps, roots, and other debris shall be removed from site and disposed of in a legal manner
- No burning will be allowed on site.

PAVEMENT AND STRUCTURAL SUBBASE

- 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 1.b. 1.c.
- Cravel or other materials can only be substituted for crushed stone when approved in writing by the Owner and Engineer of Record. 1.d. 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 any required erosion control and BMP's are in place.
- 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, pavement, 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 moximum 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 moximum particle size of 3
- Compaction requirements shall be those outlined in the soils report, if provided. If the soils report is not clear or does not give requirements, the following will be used:
- 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 cut 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 9. 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. 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.
- The testing lab may restrict some on site materials from being used as fill in building or povement 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 proofrolled 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, followed 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 pavement, building, or other structure shall be proof ralled 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.
- 17. 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 around 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
- 19. 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, cut material, or waste material from site and dispose of in a

TRAFFIC SIGNAGE AND PAVEMENT MARKINGS

- Povement markings shall be the type, color, size, and locations shown on the plans. Contractor shall provide two (2) coats of paint for all povement 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. Colors shall be as follows:
- 1.b.1.
- YELLOW- parking stalls, parking islands, and fire lanes 1.b.2.
- WHITE stop bars and lettering, pedestrian crossings, handicap parking symbol and characters, and traffic control lettering and characters
- 1.b.3. BLUE — background of handicap parking symbol

post system should be able to withstand 33 pounds per square foot.

- The pavement shall be clean 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 povement 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 state codes do not exist use MUTCD.
- 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, 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
- 6. Contractor can place signs on posts after concrete has cured for seven days or 3/4 strength is achieved.
- 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

- 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 $\pm -1/2$ inch and for formed concrete the slump shall be 3 inch $\pm -1/2$ inch. Air entraining mixture shall meet the requirements of ASTM C 260 4% +/- 1 1/2% for slip form work and 6% +/- 1 1/2% 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 pavement 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
- 3. 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 autters shall have a broom finish perpendicular to flow with a picture frame edge joint all the way around. Ourbs shall have a smooth finish or light rub finish but consistent throughout the project. 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. Curb and gutter 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.
- 7. The General Contractor shall provide copies of all material tickets and testing reports upon request by the Owner or Engineer.

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 6 inches below frostline or with a minimum 5 feet of cover, whichever is greater. 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 drawings (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" dearance 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 iron 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.
- Cate 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.
- 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

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

- 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. 13. All bedding and encasements shall be compacted with care to achieve proper compaction without damaging the pipe, fittings, or appurtenances.
- 14. 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.

19. 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 pine rauchness 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.
- 4. 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.
- 9. 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 clean 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
- 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 arain will not be less than 1 foot.
- 11. All storm pipe entering structures shall be grouted to ensure connection at structure is watertight and structurally sound. All storm sewer pipes entering and 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 diignment 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. In Pennsylvania State that would be 19 mm Superpove Binder Course and 9.5 mm Superpove Wearing Course. All asphalt shall be produced in state approved plants with state approved products
- 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.

2. 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

- 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 pavernent binder should be removed and replaced prior to application of the top course.
- 5. 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. 6. 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
- equal to that of the proposed or existing which ever is greater. 8. 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 paver. 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.
- 9. 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.

The General Contractor shall provide copies of all material tickets and testing reports upon request by the Owner or Engineer.

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 clean up unwanted
- Mow all areas to be cleared & seeded to 6" height maximum prior to beginning any new lawn work.
- Loosen and till subarade 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%
- passes a ten mesh sieve, and at least 50% passes a 100 mesh sieve. 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. 10. 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 100 lbs per acre 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.
- 12. Steep slope mix (Type B unmowed 1V:3H or steeper) apply at a rate of 100 lbs. per acre using the following proportions by weight: 15% 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 find 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. 16. Plantings shall be supplied in accordance with the plans and ANSI 260.1 "American Standard for Nursery Stock" in good health, vigorous, and
- 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, 2 pounds 5–10–5 planting fertilizer properly mixed per cubic yard. Berm around plants to form a bowl shape.

Two layers of weed barrier made from fiberglass and ultraviolet light resistant shall be placed under all planting beds prior to mulching.

- 19. 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. 20. Mulch all beds around building and drive-thru equipment with 6 inch depth river rock graded gravel, 3" to 4" size range on fiber mot week barrier. Mulch for all perimeter beds shall be 50% shredded bark and 50% wood chips, 3/4 to 2 inch in size, uniformly mixed and free of elm
- 21. All landscaping shall be guaranteed for ane year after final acceptance. Any plantings needing replacement will be guaranteed from the time of 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 insecticides and fungicides necessary to maintain plants free of insect and disease. Repair all washouts, gullies, and areas of unsatisfactory germination by replacing topsoil, restaking, and reseeding, as required. Reset settled plants to proper grade and position. Restore planting saucer 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 final acceptance. Contractor shall request an inspection by the Owner upon establishment of the uniformly germinated lawn.

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

Following the final acceptance, the Owner shall be responsible for maintenance of all landscaping on the premises. 22. Antidesiccont: protective film emulsion, providing a protective film over plant surfaces, but permeable to permit transpiration. Mixed and applied in

Sanitary sewer systems

water, silts, or sands are encountered.

head)(# of hours) and the test shall run for 24 hours.

free of insects, larvae, eggs, defects and disease.

- 1. 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.

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

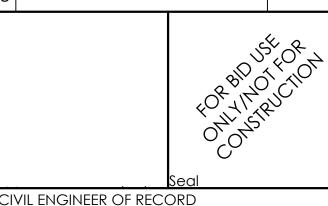
- Unless otherwise noted, sanitary pipe and fittings shall be Polyvinyl Chloride (PVC) per ASTM D 3034, SDR 35, with gaskets per ASTM D 3212, 4. Forcemain pipe shall be Polyvinyl Chloride (PVC) per ASTM D 2241, SDR 21 (or lower if pressures are high in system) with gaskets per ASTM D 3139, and elastomeric 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%
- 5. 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.
- 6. All systems shall be visually inspected for diagnment and workmanship. All debris, dirt or other foreign objects shall be removed from the system 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 top 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, a manhole should be installed over the connection point and inverts formed. When connecting to an existing manhole, the connecting pipe hole shall
- 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 broke 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 diannent, 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. Manhales shall be tested separately for leakage or infiltration using ASTM C 969. The allowed leakage = 0.1 gallons/(feet of diameter)(feet of
- 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.
- 13. 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 clean and free of dirt, debris and other foreign matter. The Contractor shall clean any sections required at no additional expense to the contract. Grease traps, if required, shall have cast iron lids and shall be installed per manufacturer's requirements.
- 15. The pipe slope shall always meet the minimum, as listed in Section 33.4 of the Recommended Standards for Wastewater Facilities (Ten State 16. 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 44.3. Adjustment rings shall be precast concrete 4000 psi and 5 to 8% air entrainment. Inside and outside of

circumference is supported by less than 1/2 of the diameter of the manhole. Inverts shall be smooth cast in place concrete. Gaskets between risers

structures shall receive bitumastic coating. 17. The General Contractor shall provide copies of all material tickets and teeting reports upon request by the Owner or Engineer.

Issued: Revisions: Date:



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Name: Todd G. Markevicz

Firm Approval No.: 002215

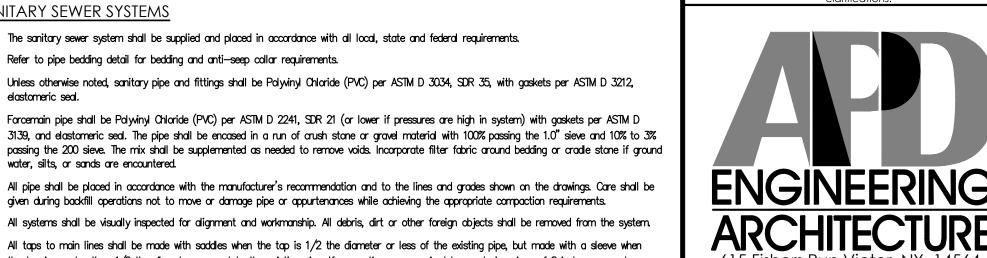
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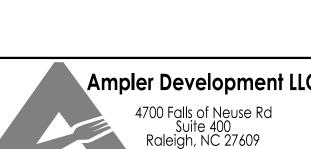
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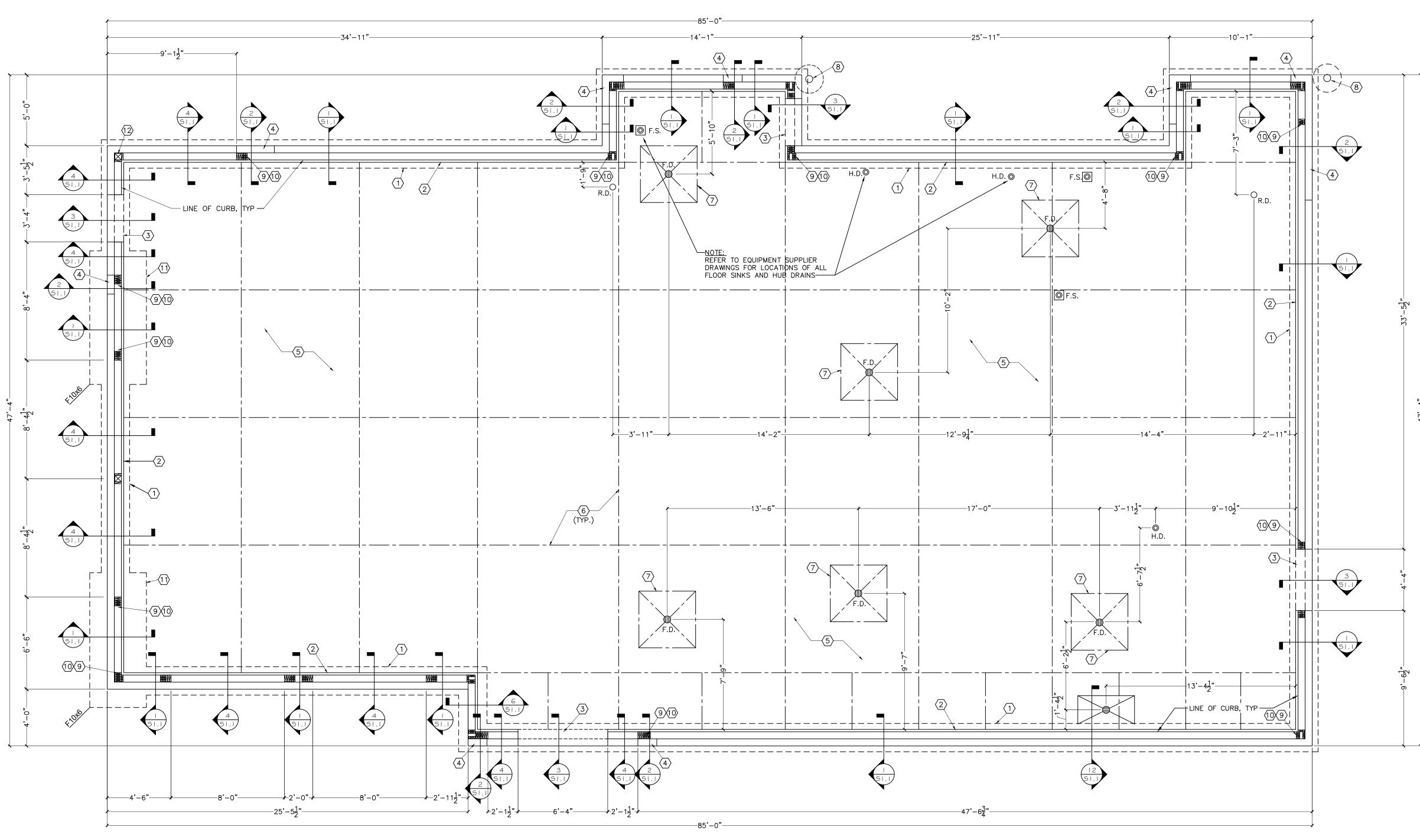
Specifications

Project No. Date: 01/21/22 21-0327 Type:

Drawn By: SAS

Drawina Name:

Drawina No.



Foundation Plan

DESIGN CRITERIA: 2015 INTERNATIONAL BUILDING CODE SEISMIC IMPORTANCE FACTOR: 1.0 SITE CLASS: DEAD LOAD: 20 PSF MAPPED SPECTRAL RESPONSE ACCEL: SNOW LOADS: 0.062 SPECTRAL RESPONSE COEFF. SHORT PERIODS (SDs): 0.162 1 SEC. PERIODS (SD₁): 0.070 21 PSF SEISMIC DESIGN CATEGORY: B WIND LOADS: 3 SECOND GUST: 115 MPH WOOD SHEAR WALLS IMPORTANCE FACTOR: LONG DIRECTION: EXPOSURE CATEGORY (MWFRS): B RESPONSE MOD. FACTOR (R): 6.5 DESIGN BASE SHEAR (Cs): INTERNAL PRESSURE COEFF.: ±0.18 SHORT DIRECTION: RESPONSE MOD. FACTOR (R): 6.5 DESIGN BASE SHEAR (Cs):

PROVIDE SHOP DRAWINGS AND CALCULATIONS BY REGISTERED ENGINEER FOR SIGNS AND AWNINGS.

BOTTOM OF ALL PERIMETER FOOTINGS SHALL BE A MINIMUM OF 3'-4" BELOW ADJACENT GRADE.

FOUNDATION:

1. COORDINATE STRUCTURAL PLANS AND DETAILS WITH REQUIREMENTS OF GEOTECHNICAL REPORT. FOUNDATION DESIGN IS BASED ON 2,000 PSF ALLOWABLE SOIL BEARING CAPACITY.

ANALYSIS: EQUIVALENT LATERAL FORCE

- SITE WORK SHALL BE PERFORMED UNDER THE DIRECTION OF A QUALIFIED GEOTECHNICAL ENGINEER OR SOILS
- 4. 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. 5. FOOTINGS, OR PORTIONS THEREOF, MAY BE EARTH FORMED BY NEAT EXCAVATIONS IF SOIL CONDITIONS ALLOW.
- 6. FOOTINGS SHALL BE CENTERED UNDER COLUMNS UNLESS NOTED OTHERWISE. REFER TO THE GEOTECHNICAL REPORT FOR REQUIREMENTS OF EARTHWORK, OVEREXCAVATION, SUBGRADE
- PREPARATION, FILL MATERIALS AND COMPACTION, WATERPROOFING AND OTHER PERTINENT REQUIREMENTS 8. PROVIDE SCHEDULE 40 PVC PIPE SLEEVES FOR ALL PIPES AND CONDUITS RUNNING THROUGH WALLS AND SLABS.
- LOWER CONTINUOUS FOOTINGS AND GRADE BEAMS PERPENDICULAR TO PIPE RUNS TO ALLOW PIPES TO PASS ABOVE THE FOOTINGS OR THROUGH THE GRADE BEAMS. ALTERNATIVELY, PROVIDE A CONCRETE JACKET IF PIPES ARE LOW ENOUGH TO BE PLACED BELOW THE FOOTINGS AND GRADE BEAMS. 9. PROXIMITY OF UTILITY TRENCHES TO THE BUILDING FOUNDATION SYSTEM SHALL BE AS APPROVED BY THE
- ARCHITECT AND/OR SOILS ENGINEER 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. 10. MAINTAIN SUBGRADE AND FILL MOISTURE CONTENT UNTIL FOUNDATIONS ARE PLACED. 11. ARRANGE FOR OWNER'S INDEPENDENT TESTING AGENCY TO MONITOR CUT AND FILL OPERATIONS AND PERFORM FIELD DENSITY AND MOISTURE CONTENT TESTS TO VERIFY COMPACTION AND APPROVE FOOTING SUBGRADES
- PRIOR TO PLACING CONCRETE. 12. DO NOT PLACE FOOTINGS OR SLABS AGAINST SUBGRADE CONTAINING FREE WATER, FROST, OR ICE. 13. MAINTAIN PROPER SITE DRAINAGE DURING CONSTRUCTION TO ENSURE SURFACE RUNOFF AWAY FROM

STRUCTURES AND TO PREVENT PONDING OF SURFACE RUNOFF NEAR THE STRUCTURES.

- 1. HOLLOW CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90, NORMALWEIGHT, TYPE N-1
- WITH A MINIMUM COMPRESSIVE STRENGTH OF 1900 PSI ON THE NET AREA (fm = 1500 PSI). MORTAR FOR USE IN MASONRY SHALL MEET ASTM C270, TYPE S. GROUT FOR USE IN MASONRY SHALL MEET ASTM C476, MIN 2000 PSI AND NOT LESS THAN A 6-1/2
- 4. REINFORCING BARS SHALL MEET ASTM A615, GRADE 60. PROVIDE AT LEAST 2 VERTICAL BARS AT EACH END, CORNERS, AND INTERSECTIONS OF ALL WALLS. SEE WALL SECTIONS FOR TYPICAL VERTICAL REINFORCEMENT.
- CMU SHALL BE LAID IN RUNNING BOND PATTERN. VERTICAL AND HORIZONTAL REINFORCEMENT SHALL BE CONTINUOUS AND LAPPED PER TMS 402. 8. PROVIDE STANDARD GAGE TRUSS TYPE OR LADDER-TYPE HORIZONTAL JOINT REINFORCEMENT AT 9. HOLD VERTICAL BARS STRAIGHT, TRUE, AND ACCURATE IN ALL WALLS AS DETAILED. INSTALL
- REBAR POSITIONERS @ 4'-0" OC MAX AND ENSURE REBAR IS HELD IN PROPER LOCATION WITHIN THE CELL 10. REINFORCEMENT, REBAR POSITIONERS, AND TIES SHALL BE PLACED PRIOR TO GROUTING. 11. SOLID GROUT WALL CELLS BELOW GRADE. FILL JOINTS BETWEEN WYTHES BELOW GRADE.
- 12. GROUT ALL REINFORCED CELLS. PROVIDE A MINIMUM OF 1/2" GROUT BETWEEN REINFORCEMENT AND MASONRY UNITS. 13. GROUT PLACEMENT SHALL CONFORM TO TMS 602; HOWEVER, THE MAXIMUM GROUT POUR HEIGHT SHALL NOT EXCEED 8 FEET AND THE MAXIMUM HEIGHT WHICH GROUT IS PLACED IN ONE CONTINUOUS OPERATION (GROUT LIFT) SHALL NOT EXCEED 4 FEET. THERE SHALL BE A MINIMUM

OF 1 HOUR SETTING TIME BETWEEN EACH GROUT LIFT.

- 14. PLACE INTERMEDIATE LIFTS TO 1" BELOW THE BED JOINT. 15. CLEANOUTS SHALL BE CONSTRUCTED ADJACENT TO EACH VERTICAL BAR IN THE BOTTOM COURSE OF MASONRY FOR EACH GROUT POUR HEIGHT THAT EXCEEDS 5 FEET. CONSTRUCT CLEANOUTS WITH AN OPENING OF SUFFICIENT SIZE TO PERMIT REMOVAL OF DEBRIS, BUT NOT LESS THAN 3" DIMENSION. AFTER CLEANING, CLOSE CLEANOUTS WITH CLOSURES BRACED TO RESIST GROUT PRESSURE. CLEANOUTS SHALL BE LOCATED ON WALL FACE NOT EXPOSED TO VIEW.
- CONCRETE:

 1. CONCRETE SHALL BE NORMAL WEIGHT CONC. (5 SACK CEMENT PER CU.YD. MIN.) AND MEET THE FOLLOWING MIN. ULTIMATE COMPRESSIVE STRENGTHS AT 28 DAYS: MIN. STRENGTH AGGREGATE SLUMP | SIZE - INCHES | INCHES | ENTRAINMENT | W/C RATIO | 3-1/2" ± 1/2" | 3% OR LESS | 0.50 INT. SLAB ON GRADE 1" x #4 3-1/2" \pm 1/2" $6\% \pm$ 1-1/2% 0.45 EXTERIOR CONCRETE 4000 $1" \times #4$ $3-1/2" \pm 1/2" 6\% \pm 1-1/2\% 0.50$ 4000
- CONCRETE MIX DESIGN AND TESTING SHALL COMPLY WITH THESE SPECS. CEMENT SHALL BE IN ACCORDANCE WITH ASTM C 150 TYPE II. VERIFY MIN. CONC. STRENGTH AND CEMENT TYPE. REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60. STEEL SHALL BE KEPT CLEAN AND
- 4. CONCRETE CURING SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF ACI-318-95 SECTION 5.11 AND STANDARD PRACTICE FOR CURING CONCRETE REPORTED BY COMMITTEE 308.
- 4" THICK CONCRETE SLAB REINFORCED W/ WWF 6x6-W1.4x1.4 OR #4 BARS @ 18" O.C. EA. WAY, OVER 15 MIL VAPOR RETARDER, OVER 2" SAND BED, OVER 4" AGGREGATE BASE, OVER ENGINEERED SUBGRADE. MODIEY AS REQUIRED TO COMPLY WITH REQUIREMENTS OF GEOTECHNICAL REPORT. SLAB REINFORCEMENT SHALL BE SUPPORTED BY CONTINUOUS CHAIRS SPACED AT 4'-0" OC MAX.

- WOOD

 1. SAWN LUMBER SHALL COMPLY WITH THE RULES OF AN APPROVED GRADING AGENCY LISTED IN THE AF&PA NATIONAL DESIGN SPECIFICATION SUPPLEMENT AND SHALL BE STAMPED WITH THE
- GRADE MARK OF AN APPROVED GRADING AGENCY. SAWN LUMBER SHALL BE SPRUCE PINE FIR, HEM FIR, DOUGLAS FIR, OR SOUTHERN PINE. MIN. GRADE SHALL BE No. 2 EXCEPT 2x4 MEMBERS MAY BE STUD GRADE.
- LUMBER IN DIRECT CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESERVATIVE TREATED. FASTENERS IN PRESERVATIVE TREATED LUMBER SHALL BE HOT DIPPED ZINC-COATED GALVANIZED
- STEEL OR STAINLESS STEEL. 5. ALL WOOD CONSTRUCTION CONNECTORS SHOWN ON PLANS OR DETAILS SHALL BE SIMPSON STRONG-TIE OR EQUAL UNO. HARDWARE SHALL BE INSTALLED WITH ALL REQ'D FASTENERS PER MFR'S SPEC'S. HARDWARE BY OTHER MANUFACTURERS MAY BE SUBSTITUTED PROVIDED THEY ARE OF EQUIVALENT CAPACITY FOR THE INTENDED APPLICATION. HARDWARE SUBSTITUTIONS MUST BE APPROVED BY THE ENGINEER. STRAPS OF HEAVIER GAGE THAN SPECIFIED ON PLANS MAY BE
- USED w/ MIN FASTENER REQUIREMENTS PER PLAN (e.g. CS16 w/ (26) 8d IN LIEU OF CS18 w/ (26) 8d). 6. ALL PLYWOOD SHALL BE TYPE CDX, LAID WITH FACE GRAIN PERPENDICULAR TO SUPPORTS

MISCELLANEOUS: 1. DIMENSIONS NOTED ARE TO FACE OF CONCRETE. REFER TO ARCH DWGS FOR DIMENSIONS TO FACE OF STUD AND OTHER DIMENSIONS NOT OTHERWISE NOTED.

- DRAWINGS SHALL NOT BE SCALED. ALL DIMENSIONS AND FIT SHALL BE DETERMINED AND VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK.
- 3. DETAILS NOT FULLY OR SPECIFICALLY SHOWN SHALL BE OF SAME NATURE AS OTHER SIMILAR
- SEE PLUMB DWGS. FOR PLUMB LAYOUT DIMENSIONS, UNO. SEE ELECT DWGS. FOR ELECT LAYOUT DIMENSIONS, UNO.
- 6. COORDINATE FOUNDATION AND SLAB LAYOUT WITH OTHER TRADES PRIOR TO POURING SLAB.

SPECIAL INSPECTIONS AND TESTS THE FOLLOWING INSPECTIONS AND TESTS ARE REQUIRED AND SHALL BE PERFORMED BY AN APPROVED TESTING AGENCY, PAID FOR BY THE OWNER. VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION PER AISC 360-10 CHAPTER N.

- VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION PER BUILDING CODE TABLE 1705.3. SPECIAL INSPECTION OF MASONRY CONSTRUCTION PER TMS 402-11 TABLE 1.19.2. EXCEPTION: MASONRY VENEER ONLY REQUIRES VERIFICATION OF COMPLIANCE WITH THE APPROVED SUBMITTALS PER TABLE 1.19.1
- 4. INSPECTION OF SITE SOILS, FILL PLACEMENT, AND BEARING CAPACITIES BY A LICENSED GEOTECHNICAL ENGINEER AS FOLLOWS: a. OBSERVATION OF PROOF ROLLING FOR THE SITE PRIOR TO FILL PLACEMENT. D. COMPACTION TESTING OF STRUCTURAL FILL PLACEMENT. LIFTS SHALL NOT EXCEED 8"
- PROVIDE BEARING TESTS AT EACH FOOTING LOCATION TO CONFIRM BEARING CAPACITY. d. REQUIRED VERIFICATION AND INSPECTION OF SOILS PER BUILDING CODE TABLE 1705.6

FOUNDATION PLAN KEY NOTES:

- (1) TYPICAL WALL FOOTING REFERENCE SECTION 1/S-1.1.
- $\langle 2 \rangle$ CMU FOUNDATION WALL (SEE SECTIONS OR NOTES FOR MASONRY SIZE & REINFORCEMENT).
- $\overline{\langle 3 \rangle}$ EXTEND SLAB THRU AT OPENINGS (SEE SECTIONS).
- (4) 6" CMU FOR FURR-OUT ELEMENTS AT TOWERS. WIDTH TO BE DETERMINED BY FINISH FURR-OUT WIDTH. REFER TO SHEET A-1 FOR REQUIRED WIDTH AND DETAIL 2/S-1.1.
- (5) 4" MIN. CONCRETE SLAB-ON-GRADE. SEE SLAB NOTES FOR ADDITIONAL INFORMATION.
- 6 CONTROL/CONSTRUCTION JOINTS REFERENCE DETAIL 10/S-1.1.
- $\langle 7 \rangle$ 4'x4' AREA SLOPED TO DRAIN @ 2% (TYP.)
- (8) 6"Øx 8'-0" STEEL BOLLARD, FILL WITH CONCRETE, TOP OF BOLLARD AT 5'-0" ABOVE SURFACE OF PAVING WITH 24"Ø x 4'-0" DEEP CONCRETE FOOTING.
- (9) SIMPSON HOLD-DOWN PER SHEAR WALL SCHEDULE.
- (10) SHEAR WALL END POST PER SHEAR WALL SCHEDULE.
- (11) SHEAR WALL FOOTING PER FOOTING SCHEDULE BELOW, CENTER FOOTING BELOW SHEAR WALL.
- (12) SIMPSON ABU66Z POST BASE W/ 5/8"Ø x 24" EMBED HEADED ANCHOR ROD. ATTACH POST TO BASE W/ NAILS OR SD SCREWS PER MFR RECOMMENDATIONS.

	FOOTING SCHEDULE						
MARK	DMENSIONS	REINFORCEMENT	COMMENTS				
F10x6	10'-0" x 6'-0" x 1'-4"	#5 @ 12" O.C. SHORT DIRECTION, (5) #6 EQ SPACED LONG DIRECTION, TOP & BOT					

	Issued:		Date
Α	BKC Approval		10/29/20:
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Project Name & Location:

Foundation Plan & Structural Notes

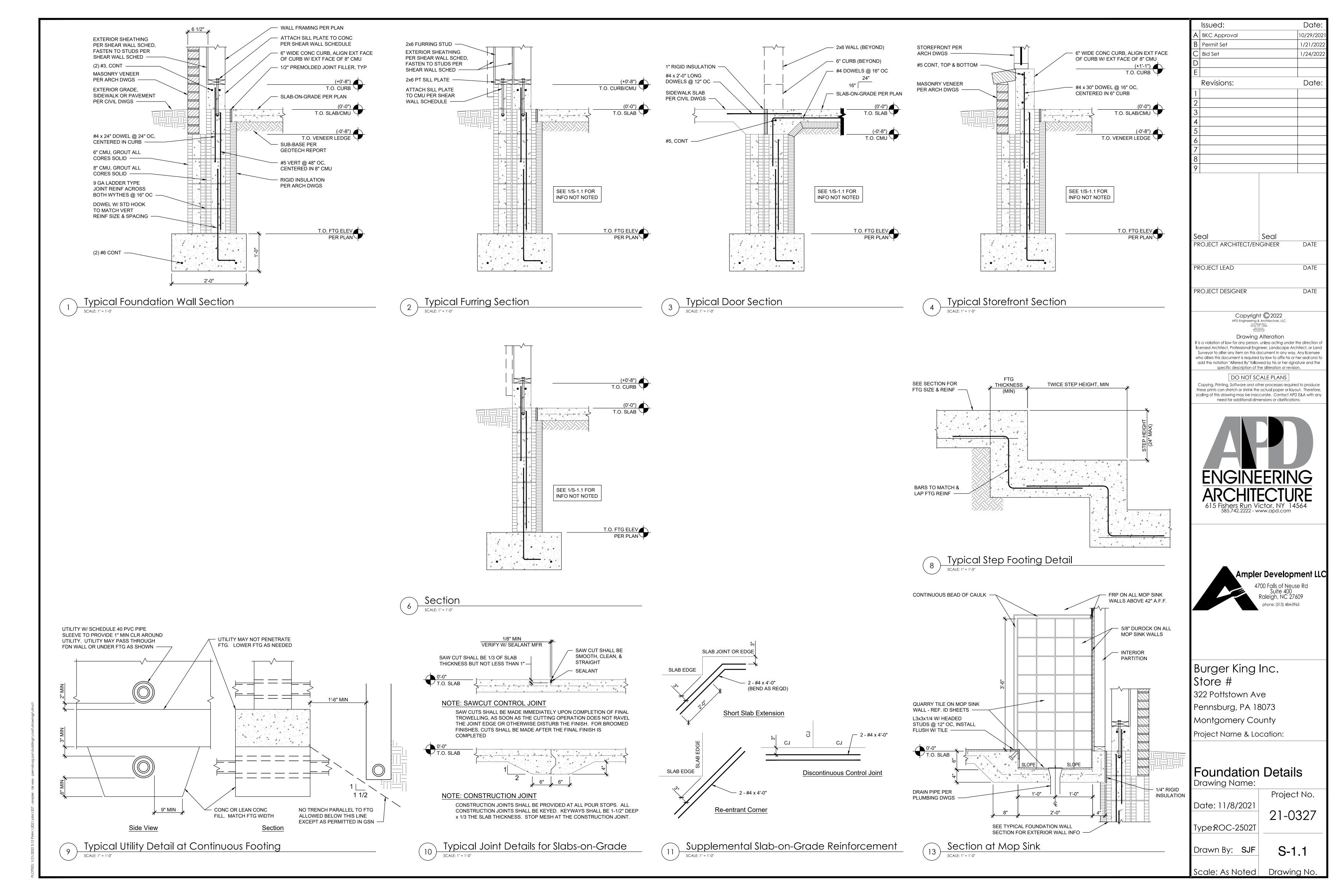
Project No. Date: 11/8/2021

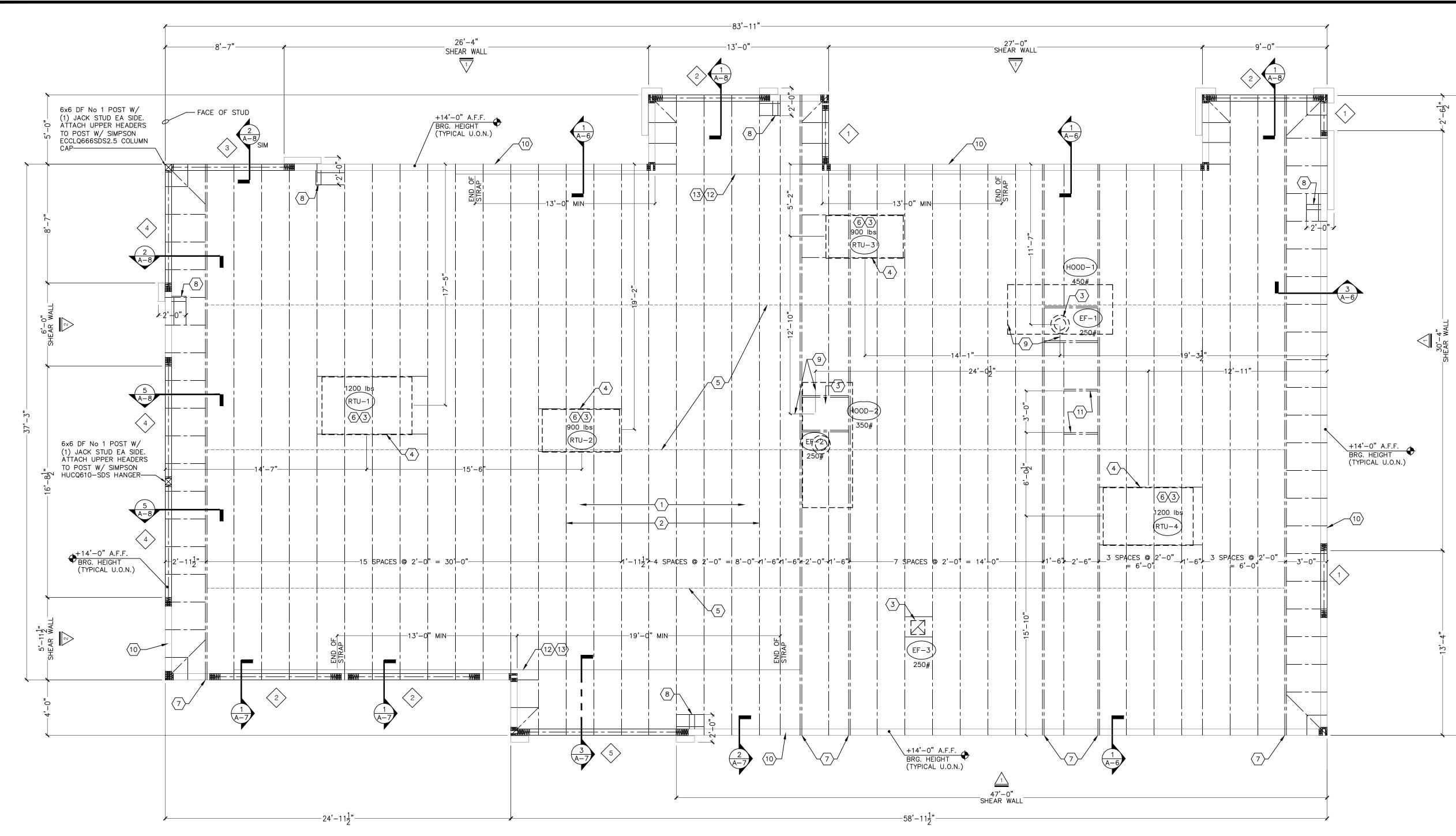
Drawing Name:

21-0327 Type:ROC-2502T

Drawn By: **SJF**

Scale: As Noted | Drawing No.





Wall & Roof Framing Plan

MARK	BUILT-UP HEADER MEMBERS	JACK STUD QTY	KING STUD QTY	ROWS OF NAILS
1	(3) 2x10	(3) 2x10 1		2
2	(3) 1-3/4" x 9-1/4" LVL	3	3	2
3	(3) 1-3/4" x 9-1/4" LVL	3	3	2
4	(3) 2x10	2 DF SELECT STRUCTURAL	3 DF SELECT STRUCTURAL	2
5	(3) 1-3/4" x 14" LVL	3	4	3

A. SEE 5/S-3 FOR ADDITIONAL INFO AND NAIL SPACING REQUIREMENTS. SEE ARCH DRAWINGS FOR B.O. HEADER ELEV C. SEE PLAN FOR LOCATIONS WITH MULTIPLE HEADERS FRAMING INTO POST.

TYPE	FASTENER SPACING / SHEATHING	REMARKS
BOUNDARY FASTENER	6" OC	-

Built-Up Header Schedule

TYPE	FASTENER SPACING / SHEATHING	REMARKS
BOUNDARY FASTENER	6" OC	-
EDGE FASTENER	6" OC	-
FIELD FASTENER	12" OC	-
ROOF SHEATHING	5/8" CDX PLYWOOD (40/20), PS1 RATING	-

A. FASTENERS SHALL BE COMMON WIRE 10d NAILS. B. SEE 6/S-3 FOR ROOF NAILING PLAN.

Roof Nailing Schedule

MARK	SHEATHING	EDGE FASTENER	FIELD FASTENER	HOLDDOWN/ANCHOR ROD (SEE NOTE H)	SILL PLATE ANCHORAGE	REMARKS
	1/2" CDX PLYWD (32/16), PS1 RATING	6" OC	12" OC	SIMPSON HDU4, 5/8" DIA x 12" EMBED	5/8" DIA F1554 (8x3) @ 32" OC W/ WASHER	PLWD ON EXT FACE OF STUD, 2-2x6 END POST
2	1/2" CDX PLYWD (32/16), PS1 RATING	3" OC	12" OC	SIMPSON HDU14, 1" DIA x 42" EMBED	5/8" DIA F1554 (8x3) @ 16" OC W/ WASHER	PLWD ON BOTH FACES OF STUD, 5-2x6 DF SS END POST
33>	1/2" CDX PLYWD (32/16), PS1 RATING	6" OC	12" OC	SIMPSON HDU8, 7/8" DIA x 42" EMBED	5/8" DIA F1554 (8x3) @ 32" OC W/ WASHER	PLWD ON EXT FACE OF STUD, 3-2x6 END POST
***	1/2" CDX PLYWD (32/16), PS1 RATING	6" OC	12" OC		5/8" DIA A307 (8x3) @ 48" OC W/ WASHER	NAILING @ HEADERS PER 5/S-3
*** RE	QUIREMENTS FOR EXTERIOR NON-SHE	ARWALL WA	LLS			

A. OSB OF EQUIVALENT THICKNESS MAY BE USED IN LIEU OF PLYWOOD WHEN APPROVED IN WRITING BY THE PROJECT ENGINEER AND THE LOCAL JURISDICTION. B. BLOCK ALL UNSUPPORTED EDGES W/ 2x MATERIAL UNO. BLOCK EDGES W/ 3x MATERIAL

WHERE 10d NAILING IS 3" OC OR LESS. ALL PLYWOOD NAILS SHALL BE COMMON WIRE. D. EXTERIOR WALLS NOT DESIGNATED AS SHEAR WALLS IN THE WALL FRAMING PLAN SHALL MEET THE REQUIREMENTS INDICATED FOR NON-SHEAR WALL WALLS IN THE SCHEDULE

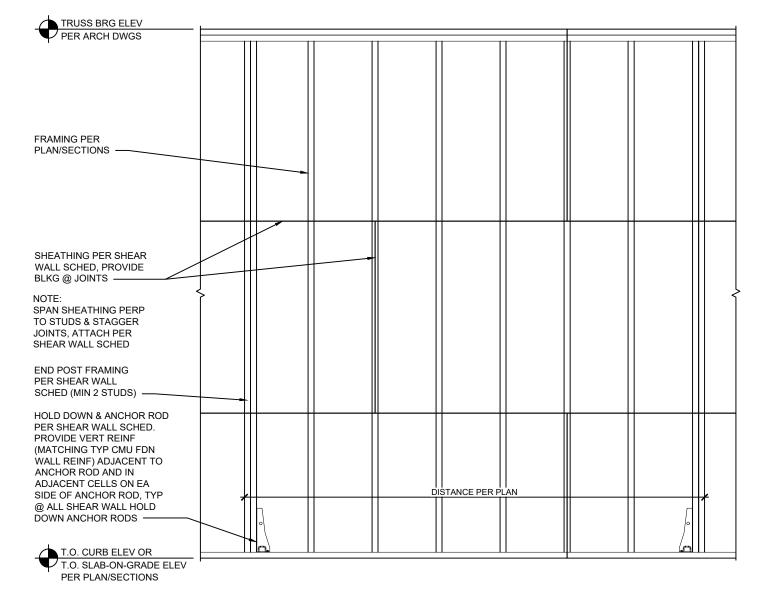
E. SHEAR WALL LENGTHS WHERE NOTED ARE MINIMUM. DO NOT LOCATE HOLDOWNS FROM THESE DIMENSIONS. SEE ARCH DWGS FOR ACTUAL WALL LENGTHS.

F. PROVIDE EDGE FASTENERS ALONG EACH JACK & KING STUD/POST AT ENDS OF SHEAR WALLS.

ON FITHER SIDE. PANEL JOINTS SHALL BE OFFSET TO BE ON DIFFERENT FRAMING MEMBERS OR FRAMING SHALL BE 3X OR THICKER & NAILS ON EA SIDE SHALL BE STAGGERED. ANCHOR ROD EMBEDMENT DEPTHS SHALL BE MEASURED FROM FINISH FLOOR. 5/8" DIA x 5" LONG SIMPSON TITEN HD ANCHORS MAY BE USED AS AN ALTERNATIVE TO CAST-IN ANCHOR RODS FOR SILL PLATE ANCHORAGE, USING THE SAME SPACING REQUIREMENTS AS INDICATED ABOVE. SHEAR WALL END POST FRAMING SHALL BE IN ADDITION TO JACK/KING STUDS REQUIRED AT END OF HEADER. SHEAR WALL END POST FRAMING ADJACENT TO STEEL COLUMNS SHALL BE ATTACHED TO COLUMN PER TYPICAL WOOD TO STRUCTURAL STEEL CONNECTION DETAIL.

G. WHERE PANELS ARE APPLIED TO BOTH FACES OF A WALL & NAIL SPACING IS LESS THAN 6" OC

Shear Wall Schedule



Typical Shear Wall Detail

FRAMING PLAN KEY NOTES:

- 1 PLYWOOD ROOF SHEATHING, REFER TO ROOF NAILING SCHEDULE, THIS SHEET.
- 2 PREFAB. WOOD TRUSSES AT 2'-0" OC MAX, TYP UNLESS NOTED.
- (3) ROOF OPENING FOR MECHANICAL SYSTEMS, REFER TO MECH SHEETS FOR SIZE OF ROOF PENETRATIONS.
- 4 DOUBLE 2x6 BETWEEN TRUSSES WITH SIMPSON LUS26-2 JOIST HANGER EACH END.
- 5 WOOD BRIDGING. REFERENCE DETAILS 3 & 4/S-3.
- 6 REFER TO M-2 FOR A/C CURB MOUNTING DETAIL.
- 7 DOUBLE STUDS AT EACH END OF GIRDER TRUSS, TYP UNLESS NOTED.
- (8) 2x4 FRAMED RETURN WALL AT RAISED PARAPET TOWER ELEMENT. REFER TO DETAILS 3 & 4/A-8.
- (9) CENTER LINE OF EXHAUST DUCT. VERIFY LOCATION IN FIELD. VERIFY DUCT SIZE WITH MANUFACTURER.
- (10) ALL WALL FRAMING SHALL BE 2x6 @ 16" OC, TYP UNLESS NOTED.
- DOUBLE 2x6 BLOCKING AT TOP & BOTTOM CHORD OF TRUSS FOR ROOF SCUTTLE HATCH. REFER TO DETAIL #10, SHEET A-5.
- SIMPSON CSMT14 STRAP ON TOP OF ROOF DECK. FASTEN THROUGH ROOF DECK TO BLOCKING OR TRUSS W/ (2) 10d NAILS @ 7° OC, STAGGER NAILS. SPLICE STRAP PER MANUFACTURER RECOMMENDATIONS.
- (13) DOUBLE 2x6 BLOCKING, W/ LUS26-2 HANGER EA END, AT TOP CHORD OF TRUSS FOR LENGTH OF STRAP.

FRAMING PLAN GENERAL NOTES:

- A. ALL UNSUPPORTED EDGES OF PLYWOOD SHEATHING SHALL BE SUPPORTED W/ SIMPSON PSCL CLIPS, PROVIDE (2) CLIPS EQUALLY SPACED BETWEEN EA TRUSS/SUPPORT. OSB OF COMPARABLE THICKNESS MAY BE USED IN
- LIEU OF PLYWOOD WHEN APPROVED IN WRITING BY THE PROJECT ENGINEER AND THE LOCAL JURISDICTION. B. ALL MECHANICAL SUPPLY AND RETURN OPENINGS SHALL BE LOCATED BETWEEN TRUSSES, UNO. SEE SHEET A-5 FOR DETAIL OF SCUPPERS, ROOF DRAINS, ROOF PENETRATIONS AND PITCH PANS.
- REFERENCE SHEET S-3 FOR DETAILS OF TRUSS PROFILES.
- F. TYPICAL EXTERIOR WALL FRAMING SHALL BE 2x6 STUDS @ 16" OC.

REFERENCE MECHANICAL SHEETS FOR RTU MOUNTING DETAILS.

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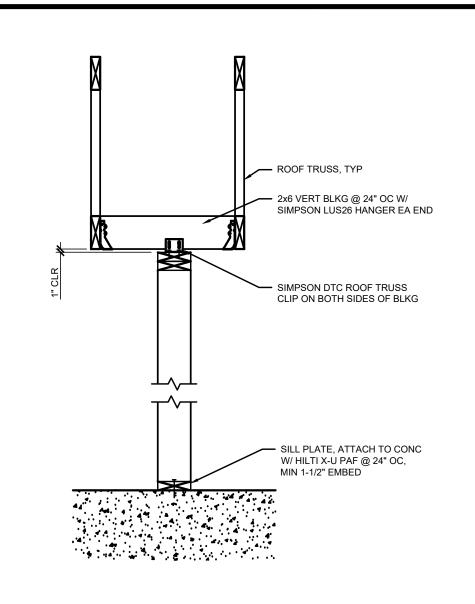
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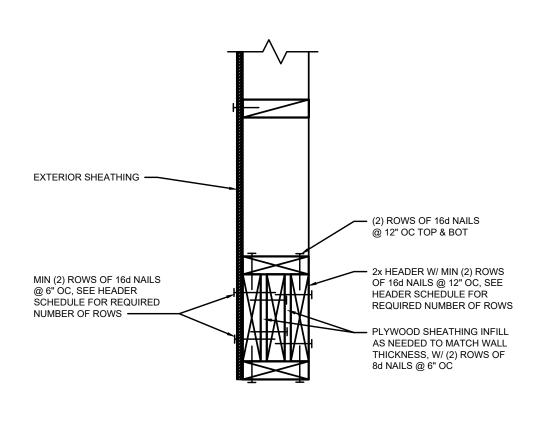
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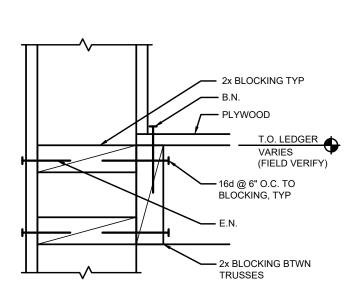
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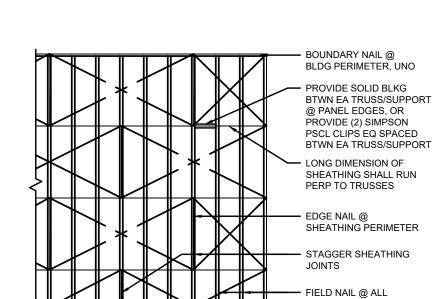
- ROOF TRUSS

 SIMPSON DTC ROOF TRUSS CLIP ON BOTH SIDES OF TRUSS

SILL PLATE, ATTACH TO CONC

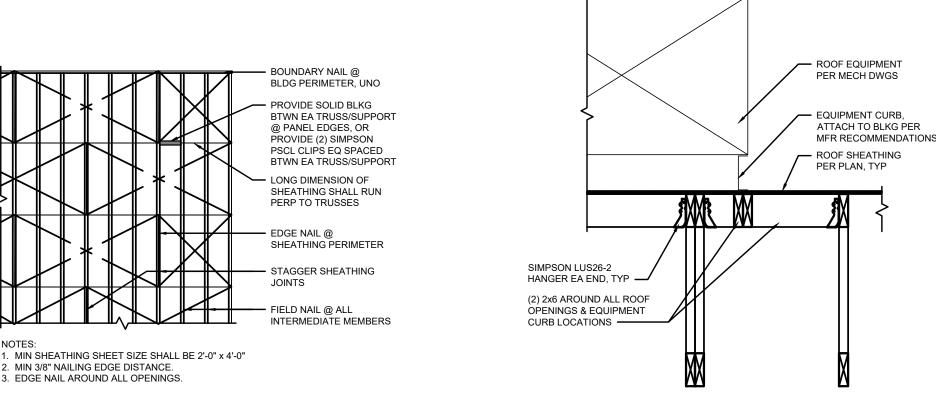
W/ HILTI X-U PAF @ 24" OC,

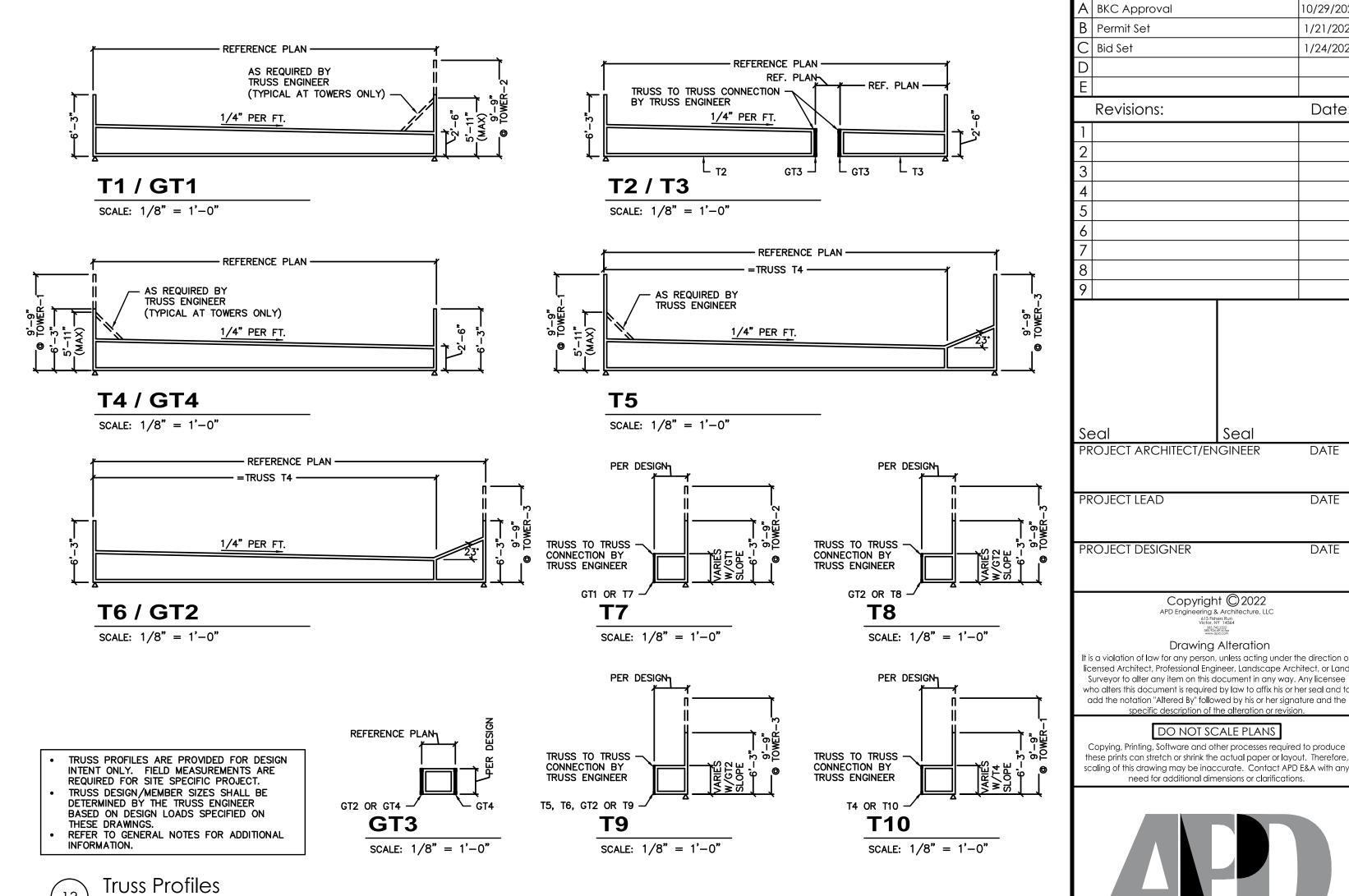
MIN 1-1/2" EMBED



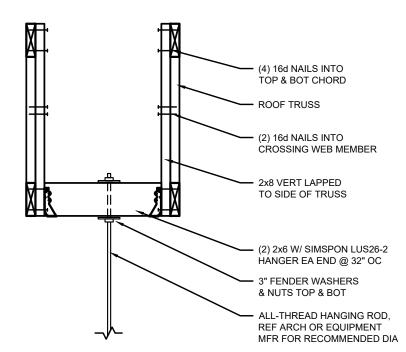
Typical Header Detail

Typical Detail at Roof Perimeter

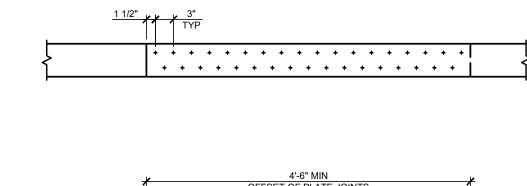


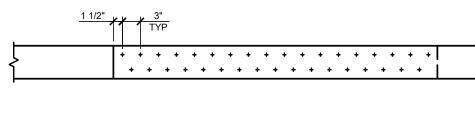




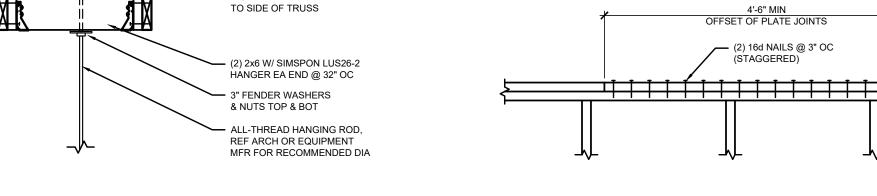




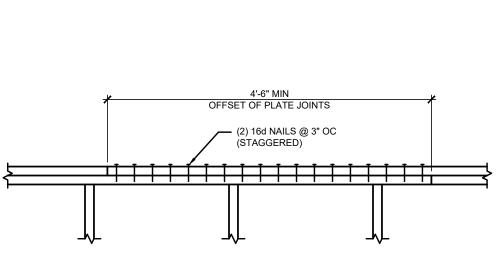




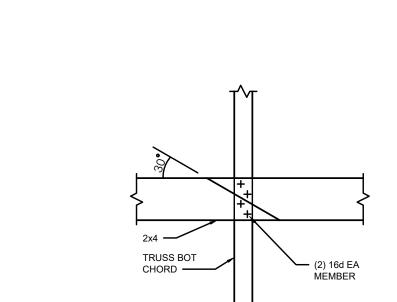
Typical RTU Support Detail



Hanging Bulkhead or Hood Detail



Typical Plate Lap Detail



TRUSS BOT

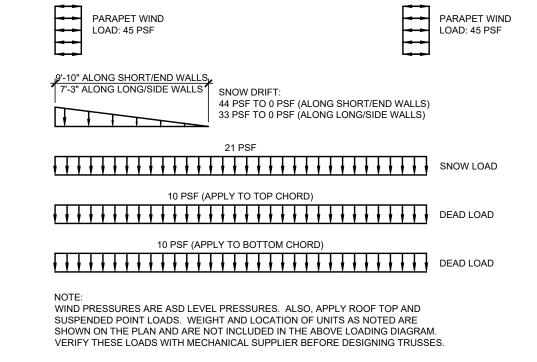
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NOTE: REFER TO TRUSS PROFILES THIS SHEET.

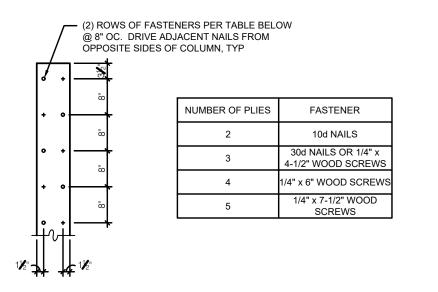
Typical Truss Bridging Detail

NOTE: REFER TO TRUSS PROFILES THIS SHEET.

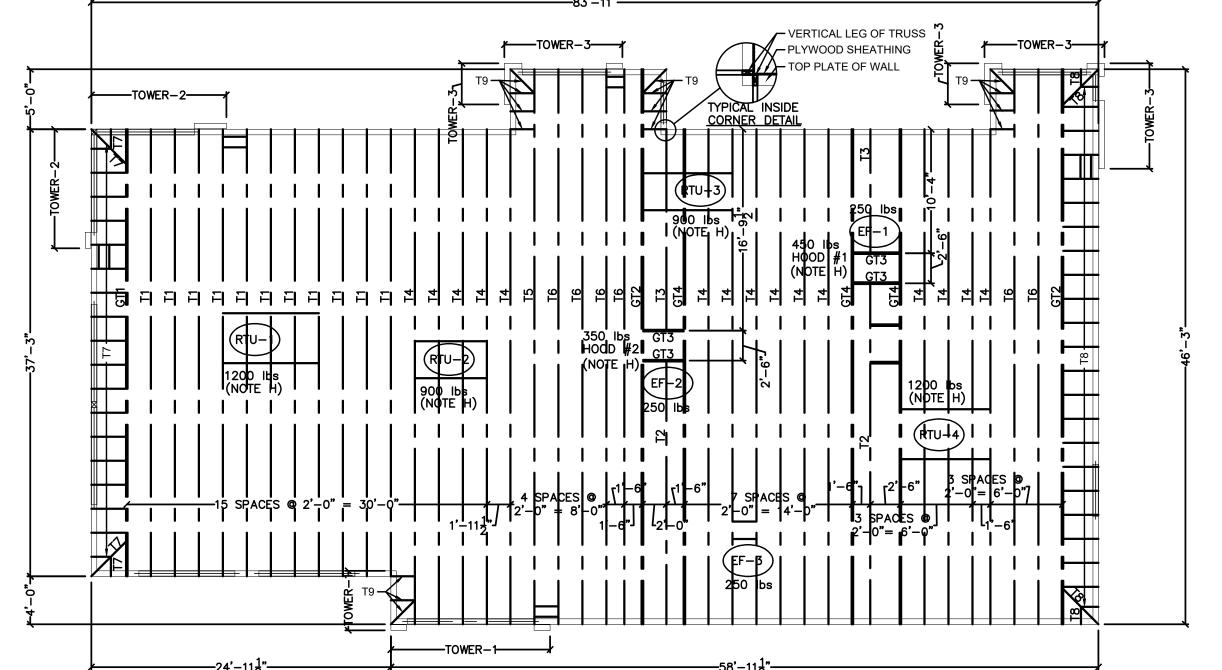
Truss Bridging @ Open Ceiling Detail



Truss Loading Diagram



Built-Up 2x6 Column Detail



MANUFACTURED ROOF TRUSS NOTES

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

- A. MFR'D ROOF TRUSSES ARE AT 2'-0" OC, UNLESS NOTED, REFERENCE S-2.
- B. TRUSS DWGS ARE PROVIDED FOR CONCEPTUAL DESIGN ONLY. MFR SHALL SUBMIT SHOP DWGS & CALCS, BOTH SIGNED BY A LICENSED STRUCTURAL ENGINEER (STATE OF NEW YORK). SUBMIT SHOP DWGS & CALCS TO THE ARCHITECT & ENGINEER FOR REVIEW & COMMENT, AND IF REQUIRED, TO BLDG OFFICIAL FOR APPROVAL PRIOR TO FABRICATION. SHOP DWGS SHALL INCLUDE LAYOUT PLAN & CONNECTORS. CALCS SHALL BE BASED ON THE SPECIFIED LOADING CONDITIONS SHOWN HEREIN. MER. SHALL PROVIDE HANGERS & CONNECTIONS BETWEEN TRUSSES. GC SHALL REVIEW & APPROVE DIMENSIONS, SHAPES & DETAILS SHOWN ON SHOP DWGS PRIOR TO
- TRUSS MER SHALL PROVIDE HANGERS AND CONNECTORS ADEQUATE FOR LOADS ROOF CONNECTORS ARE BASED UPON SIMPSON STRONG TIE OR APPROVED EQUAL.

SUBMITTAL TO THE ARCHITECT / ENGINEER FOR REVIEW & COMMENT.

- D. TRUSS CHORDS AND PARAPET VERTICALS SHALL BE 2x6 MIN & CONSISTENTLY SIZED THROUGHOUT PROJECT, UNLESS NOTED.
- Roof Truss Plan
- E. REFER TO TRUSS PROFILES FOR SHAPE, OVERHANG, SLOPES, SPAN, ETC. LOCATION J. ROOF TRUSSES THAT ARE DAMAGED DUE TO IMPROPER HANDLING, AS DETERMINED OF BEARING POINTS ARE AS INDICATED ON THE DRAWINGS.
- MFR ROOF TRUSS DESIGN LOADS: SEE TRUSS DESIGN CRITERIA THIS SHEET THE POSITIONS, WEIGHTS, & METHODS OF ATTACHMENT OF ALL MECHANICAL UNITS, ELECT FIXTURES, PLUMBING, ETC. SHALL BE INCLUDED IN THE DESIGN OF THE
- DESIGN ROOF TRUSSES TO SUPPORT ALL IMPOSED LOADS, INCLUDING WIND & LATERAL LOADS. GC SHALL COORDINATE SIZE, LOCATION & WEIGHT OF EQUIPMENT W/ MECHANICAL WORK. PROVIDE MULTIPLE TRUSSES WHERE ONE TRUSS CANNOT SUPPORT THE LOAD. PROVIDE BRIDGING BETWEEN TRUSSES AS SPECIFIED AS

TRUSSES BY THE TRUSS MER

MINIMUM STANDARD.

- INSTALLATION OF ALL TRUSSES SHALL BE PERFORMED USING A SPREADER BAR W/ A THREE POINT VERTICAL PICK. CARE SHALL BE USED IN LIFTING TO PREVENT OUT-OF-PLANE BENDING.
- RY THE ARCHITECT OR THEIR DESIGNATED REPRESENTATIVE, SHALL BE REMOVED FROM THE JOB SITE AND REPLACED AT THE CONTRACTOR'S EXPENSE.
- K. TRUSSES SHALL BE DESIGNED W/ A MAXIMUM ALLOWABLE LIVE LOAD DEFLECTION OF
- L/360, AND A MAXIMUM TOTAL LOAD DEFLECTION OF L/240.
- TRUSS BOTTOM CHORD BRIDGING SHALL BE 2x4 MIN AND SPACED AT 10'-0" OC MAX. M. EXCEPT AS NOTED, ALL TRUSS BEARING POINTS ARE @ 14'-0" ABOVE FINISH FLOOR.

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 # 322 Pottstown Ave Pennsburg, PA 18073 Montgomery County Project Name & Location: Roof Truss Layout and Structural Details Drawing Name: Project No. Date: 11/8/2021 21-0327 Type:ROC-2502 S-3 Drawn By: SJF Scale: As Noted Drawing No.

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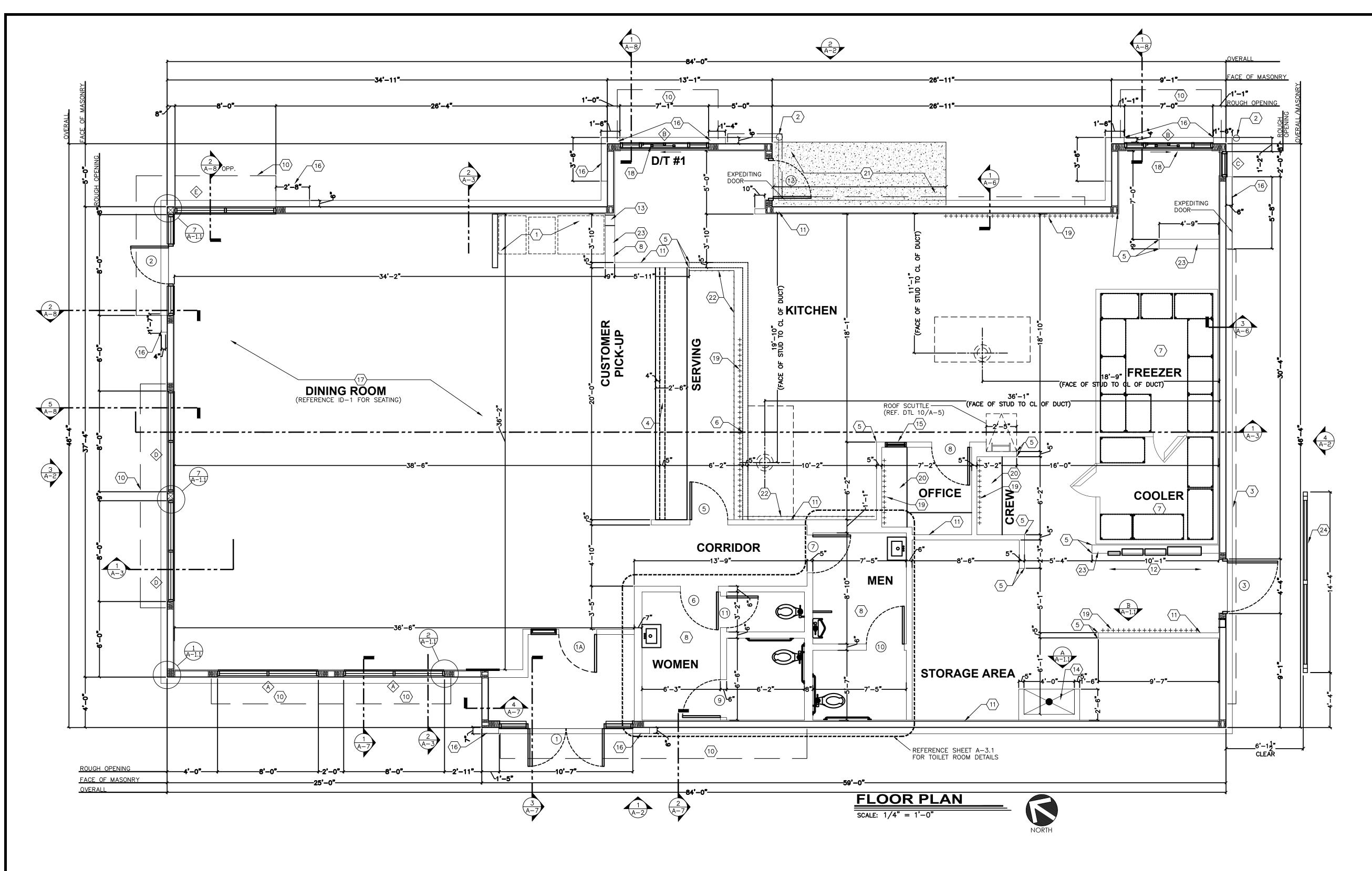
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GENERAL NOTES:

- A. EXTERIOR DIMENSIONS ARE TO FACE OF MASONRY. INTERIOR DIMENSIONS ARE TO FINISH.
 B. OVERALL DIMENSIONS TO EXTERIOR WALLS ARE THE SAME AS TO THE OUTSIDE
- FACE OF FOUNDATION WALL BELOW.
- C. ALL ANGLED WALLS ARE AT 90° UNLESS NOTED OTHERWISE. D. FIRE EXTINGUISHER, SHALL COMPLY WITH APPLICABLE BUILDING CODES
- AND LOCAL RESTRICTIONS.
- E. ELEVATION OF DRIVE—THROUGH LANE 2" (MAXIMUM) BELOW FINISH FLOOR ELEVATION. DRIVE—THROUGH LANE AT SAME ELEVATION AS FINISH FLOOR IS PREFERRED. REFERENCE DETAIL #5, SHEET A—1.1
- F. DESIGNER NOTE: WHEN UTILIZING A DIFFERENT EXTERIOR WALL CONSTRUCTION, HOLD INTERIOR DIMENSIONS.
- G. FOR DOOR AND WINDOW TYPES, REFER TO SHEET A-10.

○ KEYED NOTES:

- SELF-SERVE DRINKS AND CONDIMENT STAND. REFER TO SHEET EQ-1.
- STEEL BOLLARD REFER TO SHEET S-1. ELECTRIC SERVICE. REFER TO ELECTRICAL DRAWINGS.
- 4. SERVICE COUNTER PARTITION BY G.C. REFER TO DETAILS ON SHEET E-4 FOR ADDITIONAL INFORMATION. COORDINATE COUNTER TOP/FINISHES INSTALLATION RESPONSIBILITIES WITH THE DECOR SUPPLIER. MAXIMUM COUNTER HEIGHT = 32"
- CORNER GUARDS REFER TO DETAIL #4, SHEET A-1.1.
 MENU BOARD BULKHEAD ABOVE. REFER TO DETAIL 1, SHEET A-4
- 7. INTERIOR WALK-IN BOX WITH FLOOR ON CONCRETE SLAB. VERIFY SIZE WITH
- MANUFACTURER.
- 8. PROVIDE ADDITIONAL BLOCKING IN WALLS BEHIND URINAL SCREEN AND BEHIND PLUMBING FIXTURES FOR SUPPORT OF WATER LINES (TYPICAL).
- NOT USED

12. ELECTRICAL PANELS

ROUTING OF UTILITIES.

- 10. LINE OF CANOPY ABOVE. 11. SUBSTRATE PANELS:
- KITCHEN CREW RESTROOMS
- 5/8" USG "DUROCK" PANELS AT FINISH FLOOR TO 24" A.F.F. 5/8" WATER RESISTANT GYPSUM BOARD FROM 24" A.F.F. TO 6" ABOVE FINISHED
- PROVIDE ALTERNATE BID OF 5/8" USG "FIBEROCK" PANELS IN LIEU OF
- DUROCK. DINING ROOM - CORRIDOR
- 5/8" TYPE USG "SHEETROCK" TYPE "X" GYPSUM WALL BOARD. FINISH: CORONADO PAINT - LIGHT ORANGE PEEL APPLIED WITH CORONADO AIR ASSIST TIP (Z-122KD) OR EQUAL
- 13. PROVIDE 10"x10" FINISHED OPENING THROUGH WALL CENTERED AT 13" A.F.F. FOR
- 14. CAN WASH DUROCK SUBSTRATE ON ALL THREE SIDES, FLOOR TO CEILING. 15. OFFICE WINDOW — REFERENCE SHEET A—10.

- 16. 4" DEEP FURR-OUT ELEMENT (FINISH WIDTH SHOWN) AT TOWER. REFER TO WALL
- SECTIONS. PROVIDE 12" DEEP CONCRETE CURB (4" A.F.F.) AND FRAMING AS REQUIRED FOR FINISH DIMENSION REQUIRMENTS.
- 17. TILE FLOOR (REFERENCE SPECIFICATIONS ON ID SHEETS.
- 18. DRIVE—THROUGH SLIDING WINDOW.
- 19. ++++++ INDICATES 5/8" PLYWOOD BACKING ON WALLS FOR EQUIPMENT AS INDICATED ON PLAN OR SHELF SUPPORT FROM 48" A.F.F. TO 96" A.F.F., BEHIND 3-COMPARTMENT SINK AND PREP SINK AND ON BULKHEAD AT MENU BOARD WALL FROM 6'-8" A.F.F. TO BOTTOM OF ROOF TRUSSES.
- 20. COUNTER TOP REFERENCE DETAIL #6, A-1.1.
- 21. 4" CONCRETE WALK BETWEEN DRIVE—THROUGH BUMP—OUTS 22. — // INDICATES 3"x12" SUBWAY TILE. REFER TO SHEET ID-1/ID-1.1. REMAINING BACK OF HOUSE WALLS TO BE FINISHED IN FIBERGLASS REINFORCED PANELS, FRP-1(REFER TO APPLICABLE INTERIOR FINISH SCHEDULE).
- 23. 2x8 STUD WALL. REFER TO INTERIOR FINISH SCHEDULE. 24. 9' HIGH SCREEN WALL AND FOUNDATION BY SIGN SUPPLIER. PROVIDE 6'-0" CLEAR FROM BUILDING.

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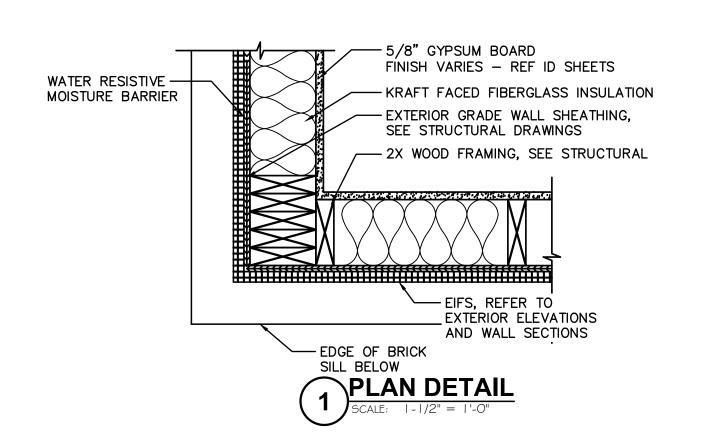
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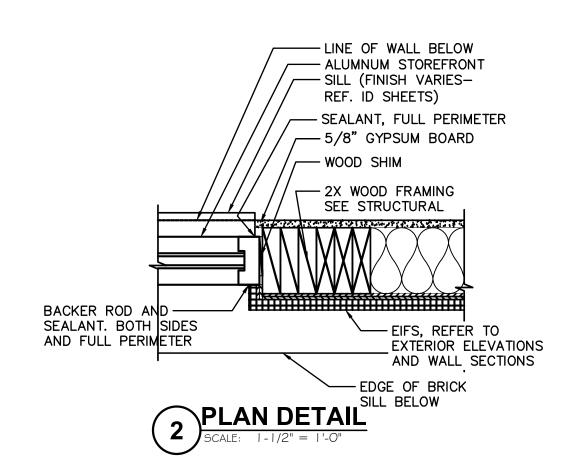
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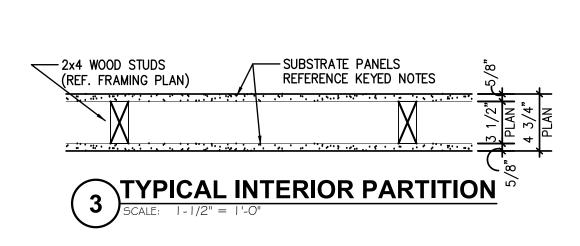
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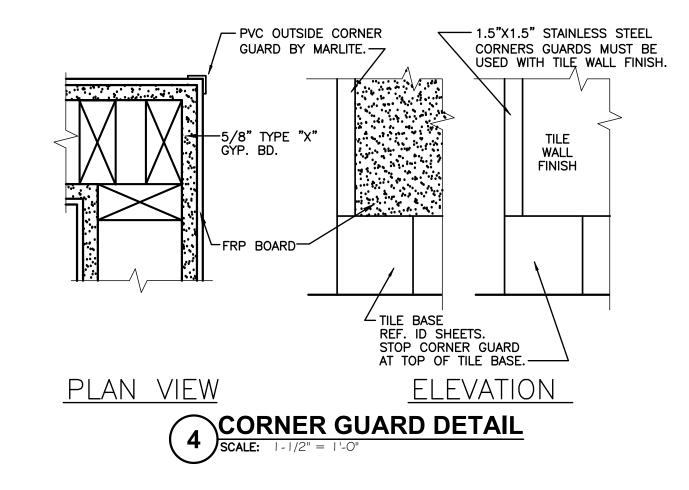
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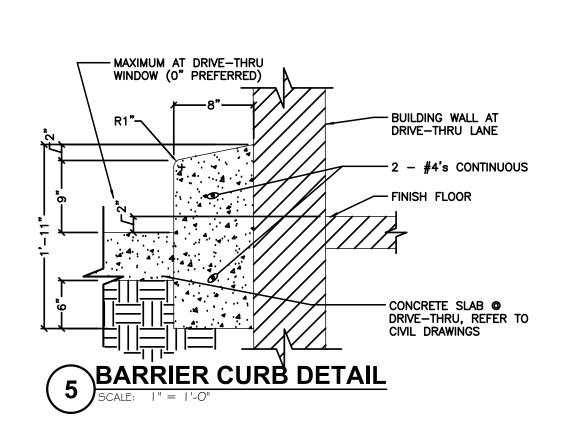
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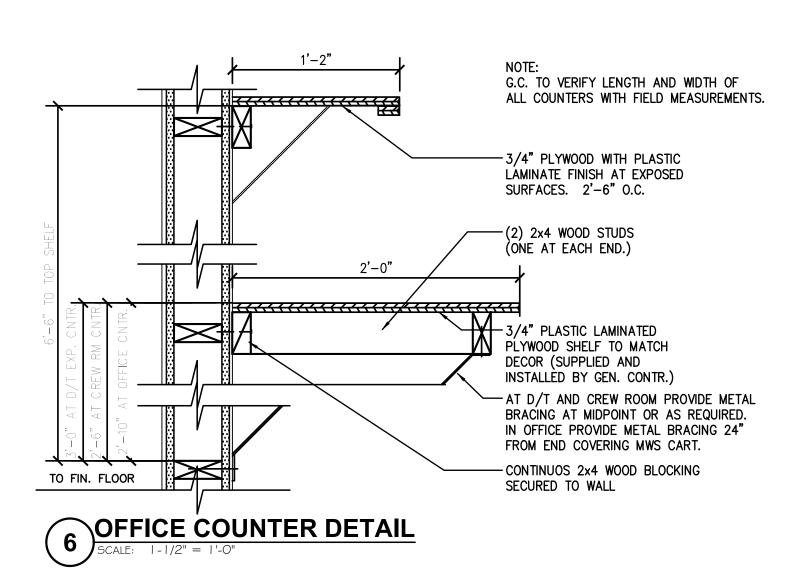


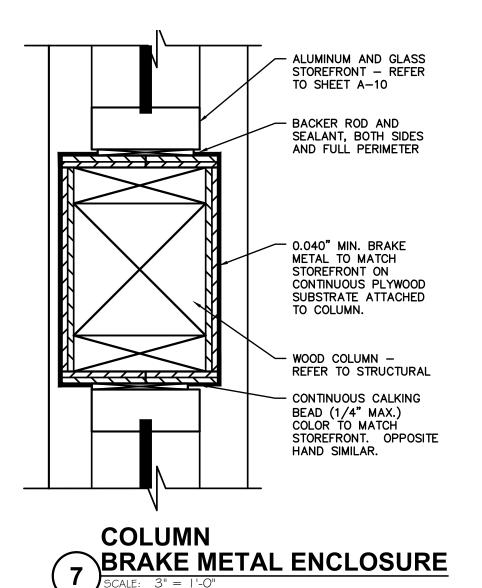


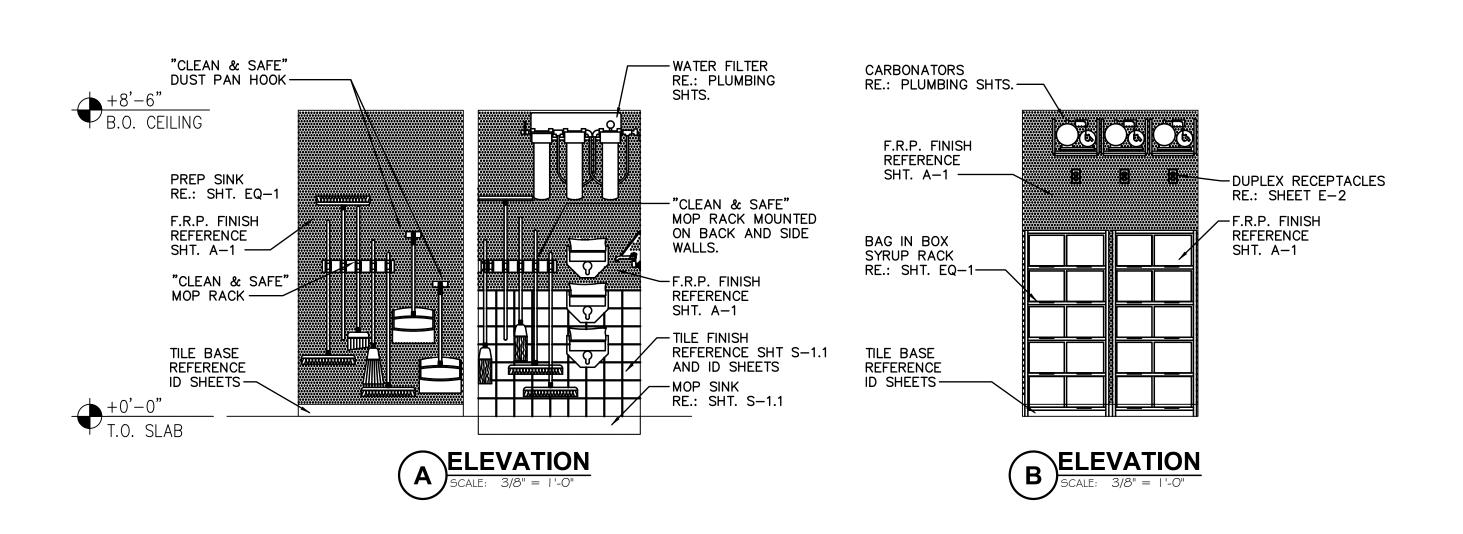














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PROJECT DESIGNER

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Burger King Inc.
Store #
322 Pottstown Ave

Pennsburg, PA 18073 Montgomery County

Project Name & Location:

DETAILS

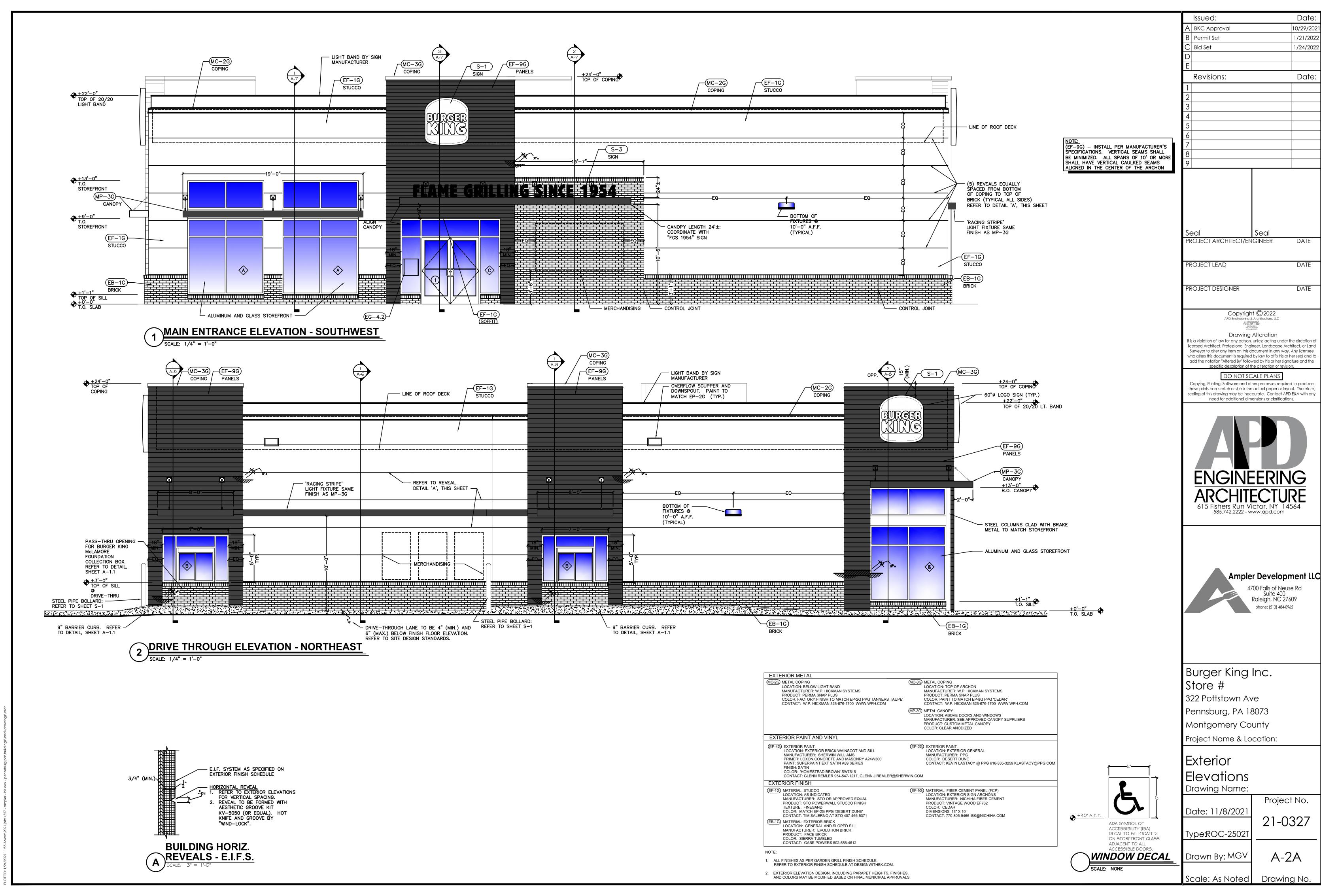
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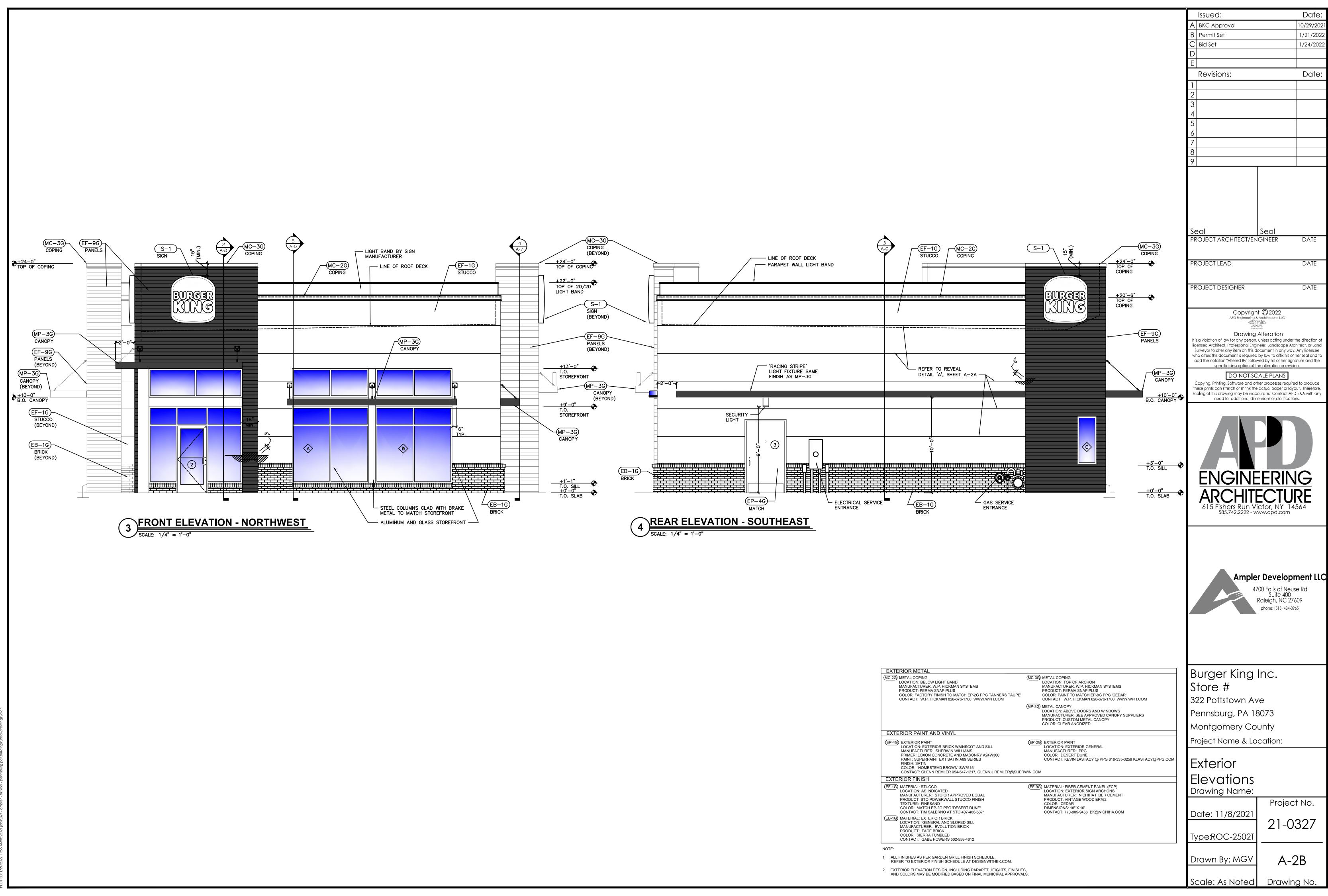
Project No.
Date: 11/8/2021

Type:ROC-2502T 21-0327

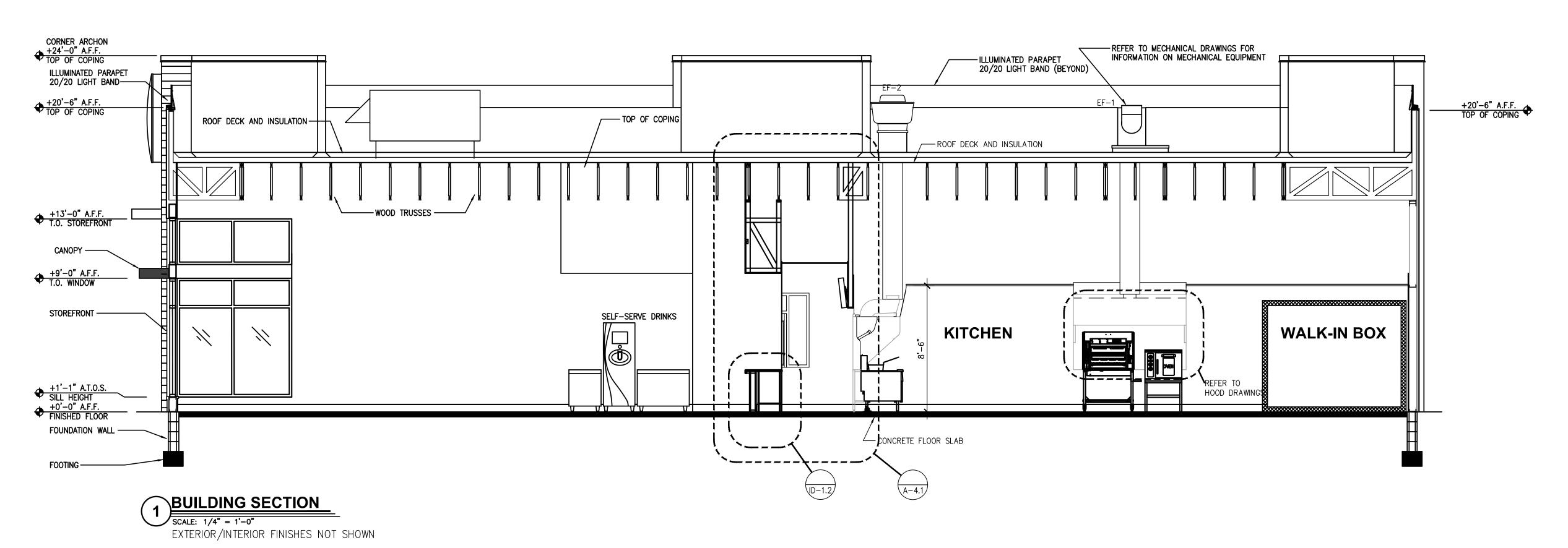
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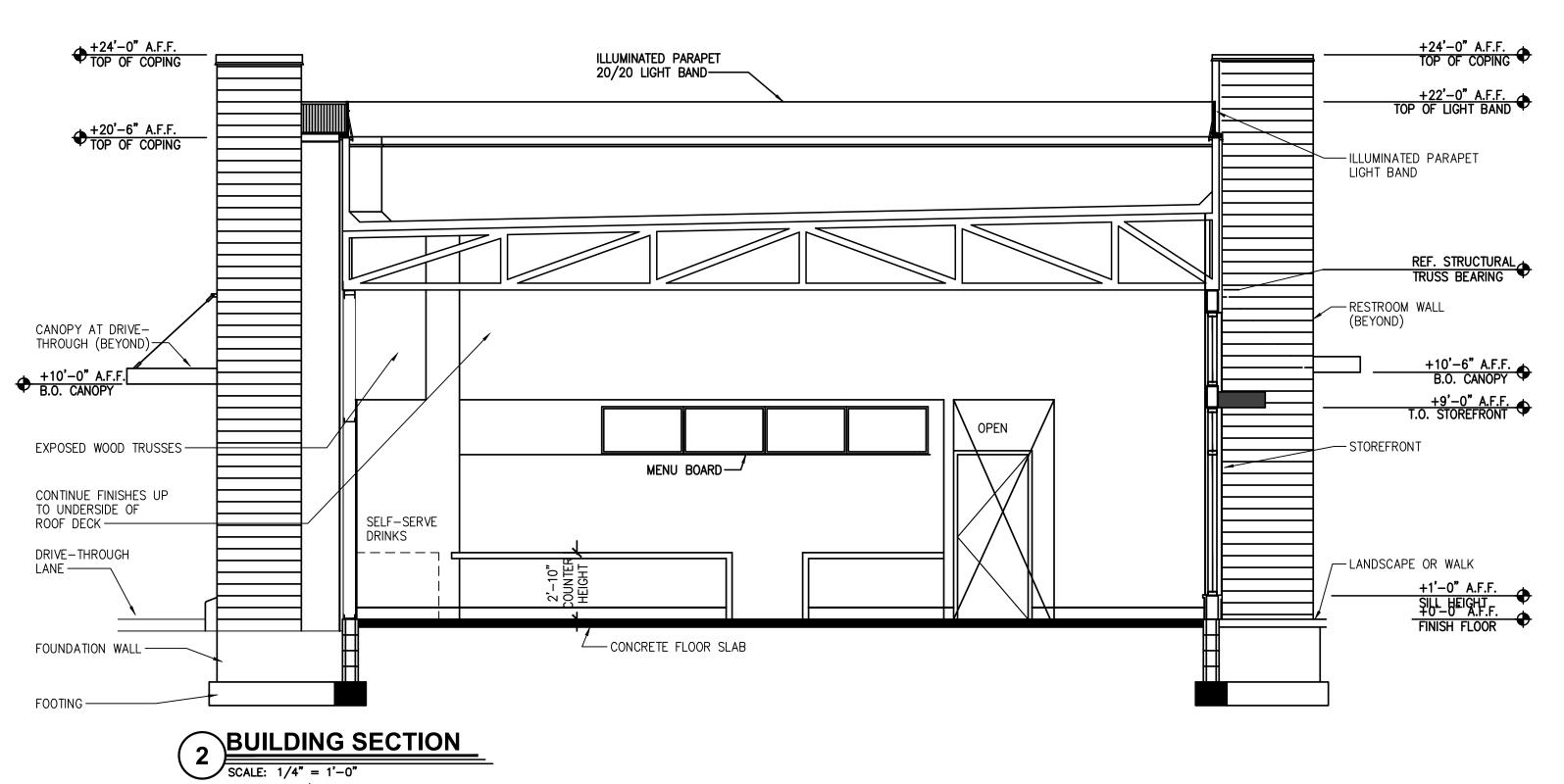
Scale: As Noted Drawing No.





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EXTERIOR/INTERIOR FINISHES NOT SHOWN

Date: Issued: A BKC Approval 10/29/202 1/21/2022 3 Permit Set Bid Set 1/24/2022 Date: Revisions: PROJECT ARCHITECT/ENGINEER PROJECT LEAD DATE

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PROJECT DESIGNER

Drawing Alteration

DATE

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Burger King Inc. Store #

322 Pottstown Ave Pennsburg, PA 18073

Montgomery County

Project Name & Location:

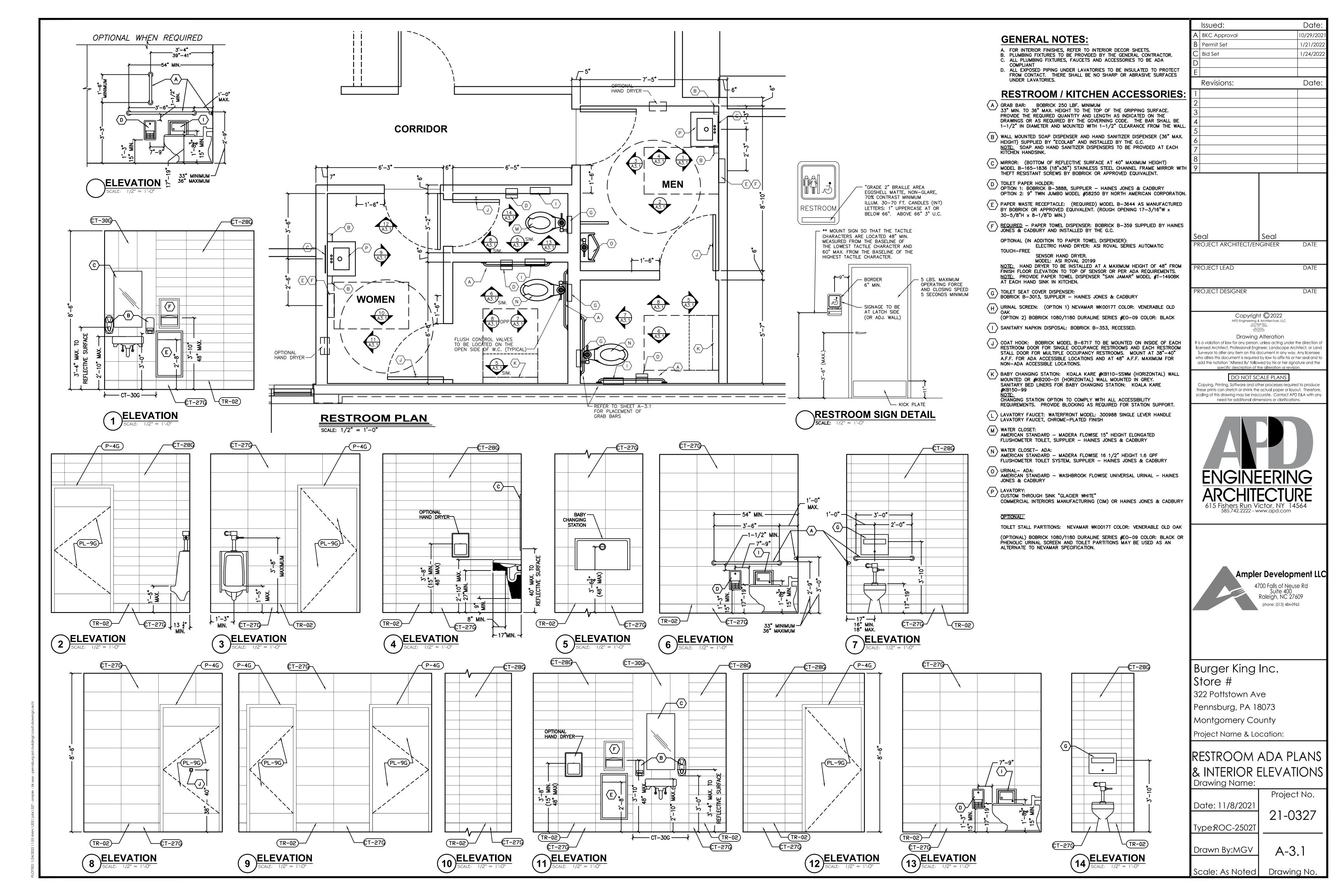
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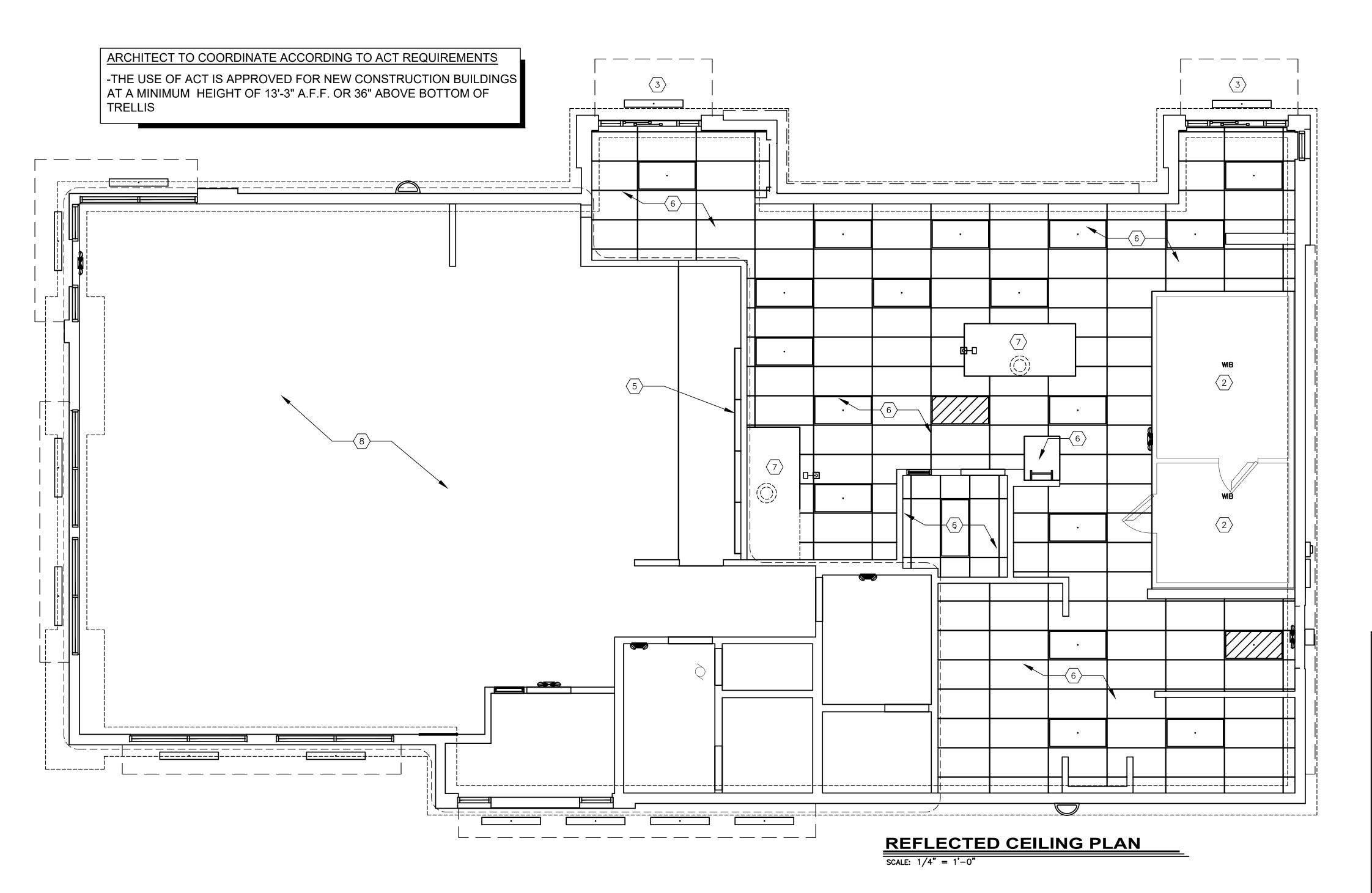
Project No. Date: 11/8/2021 21-0327 Type:ROC-2502T

Drawn By: MGV

Scale: As Noted Drawing No.

A-3





NOTE:

DINING ROOMS ARE DESIGNED TO A 35 - 40 FOOT-CANDLE LEVEL.

KITCHENS ARE DESIGNED TO 50 FOOT-CANDLE LEVEL.

RESTROOMS ARE DESIGNED TO 50 FOOT-CANDLE. FOR

ADDITIONAL INFORMATION ON LIGHTING REQUIREMENTS REFER

TO BURGER KING LIGHTING STANDARDS POSTED @

DESIGNWITHBK.COM/COMMON DOCUMENTS.

GENERAL NOTES:

- A. ALL DIMENSIONS SHOWN ON REFLECTED
 CEILING PLAN ARE FROM FACE OF WALL FINISH
 UNLESS NOTED OTHERWISE.

 B. THE REFERENCE HEIGHTS INDICATED ON PLAN
- B. THE REFERENCE HEIGHTS INDICATED ON PLAN ARE FROM FINISH FLOOR (F.F.)
 C. GENERAL CONTRACTOR TO COORDINATE DINING ROOM LIGHTING WITH APPROVED INTERIOR
- DECOR DRAWINGS.

 D. CONTRACTOR SHALL VERIFY FIXTURE
 QUANTITIES AND ALSO MAKE PROPER
 ADJUSTMENTS FOR ANY CHANGES IN PLAN DUE
 TO ADDITIONAL REQUIREMENTS, LOCAL CODES,
 FTC.
- E. FOR H.V.A.C. PLAN, SECTIONS, DUCT LOCATIONS, SUPPLY AND RETURN GRILLE SIZES AND ADDITIONAL INFORMATION, REFERENCE SHEFT M-1
- F. ALL FIXTURES SHALL BE LOCATED IN THE CENTER OF CEILING TILES UNLESS NOTED OTHERWISE.
- G. REFERENCE SHEET E-1 FOR LIGHTING LAYOUT REQUIREMENTS AND ADDITIONAL INFORMATION.
 H. REFERENCE INTERIOR DECOR SHEETS FOR FINISH SPECIFICATIONS.
- I. CONTRACTOR TO COORDINATE PENDANT LIGHT LOCATIONS WITH DECOR SUPPLIER DRAWINGS.

KEYED NOTES:

- GYPSUM BOARD CEILING/SOFFIT

 EXPOSED TRUSSES ABOVE WALK-IN BOX, REFER TO W.I.B. DRAWINGS FOR INTERIOR LIGHT FIXTURES
- PREFABRICATED METAL CANOPY

 STAINLESS STEEL SERVICE CHASE
- 5 MENU BOARD AND HEADER. REFERENCE DTL 7/A-4.1
- SUSPENDED ACCOUSTICAL TILE CEILING.
 REFER TO FINISH SCHEDULE.
- 7 MECHANICAL EXHAUST HOOD ABOVE
- C WEST MISSIE EXTINGST 11005 ABOVE
- 8 REFER TO DECOR RCP FOR FINISHES
- 9 ROOF ACCESS

SYMBOL

EMX

Issued:

Permit Set

Bid Set

BKC Approval

Date:

10/29/202

1/21/202

1/24/2022

DATE

eal Seal

PROJECT LEAD DATE

PROJECT DESIGNER

PROJECT ARCHITECT/ENGINEER

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16 Fishers Run Victor, NY 14564 88,74,202 88,74,401.40x

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Burger King Inc. Store #

322 Pottstown Ave Pennsburg, PA 18073 Montgomery County

Project Name & Location:

Reflected Ceiling Plan Drawing Name:

Project No.
Date: 11/8/2021
21-0327

 Type:ROC-2502T

 Drawn By:
 MV

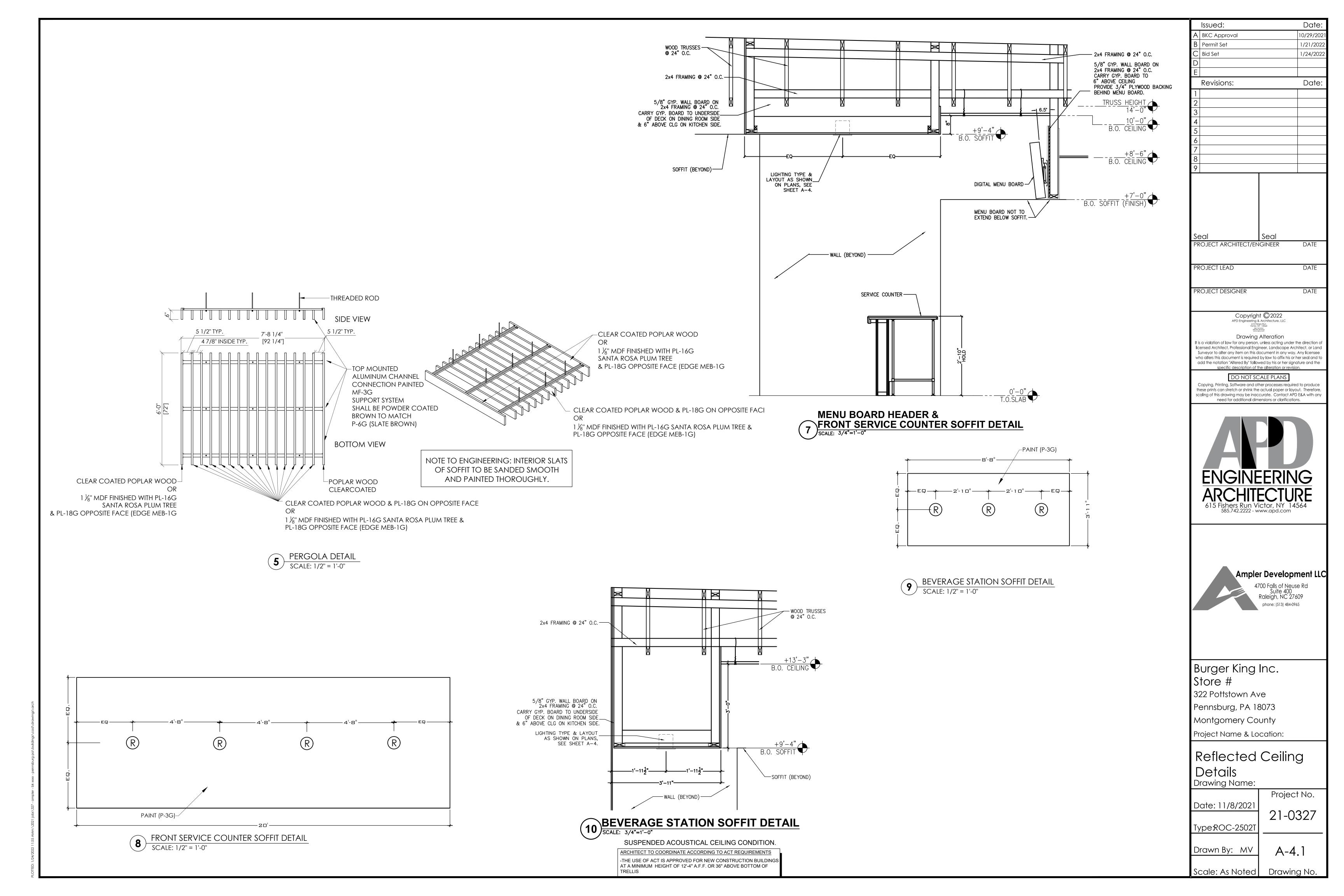
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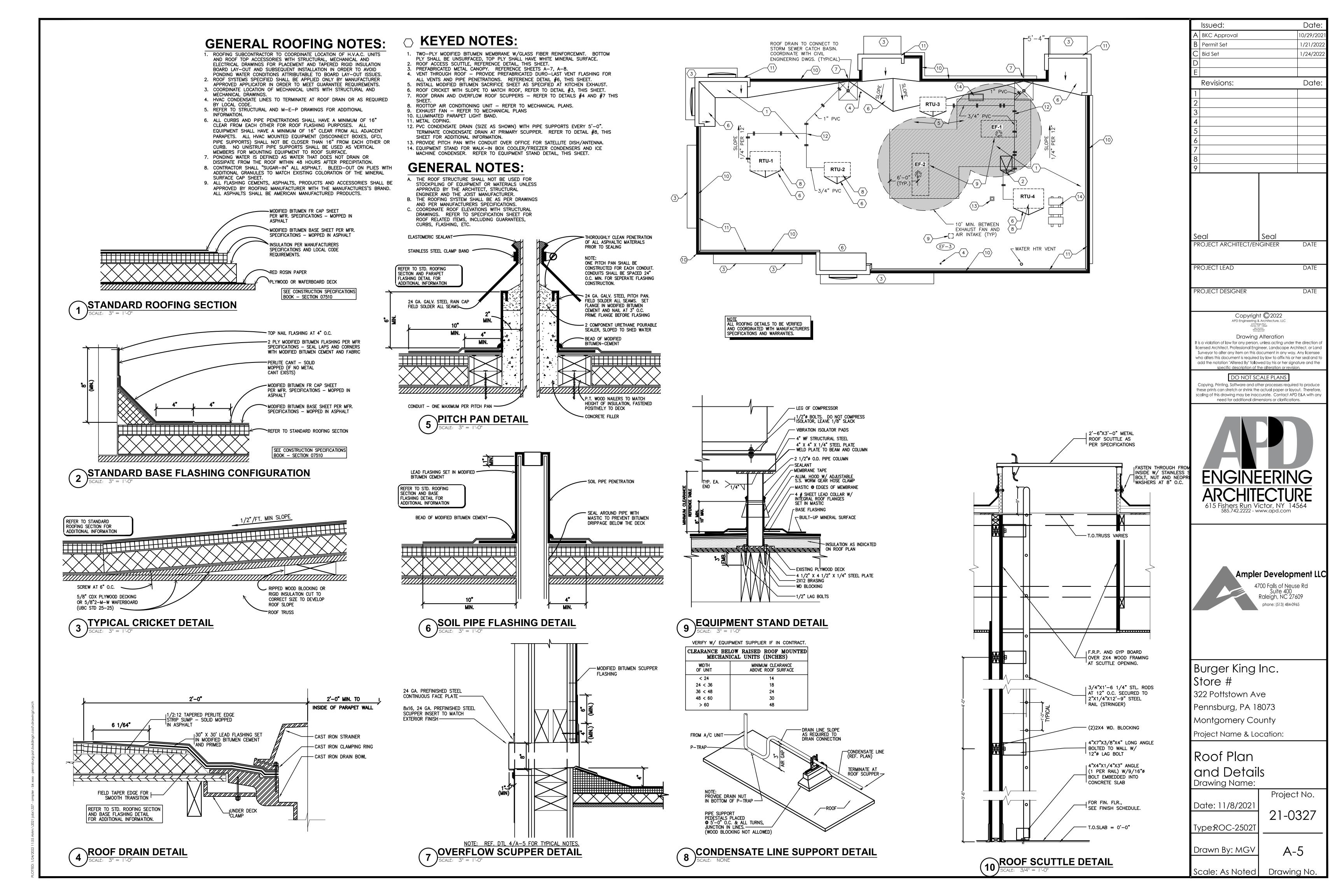
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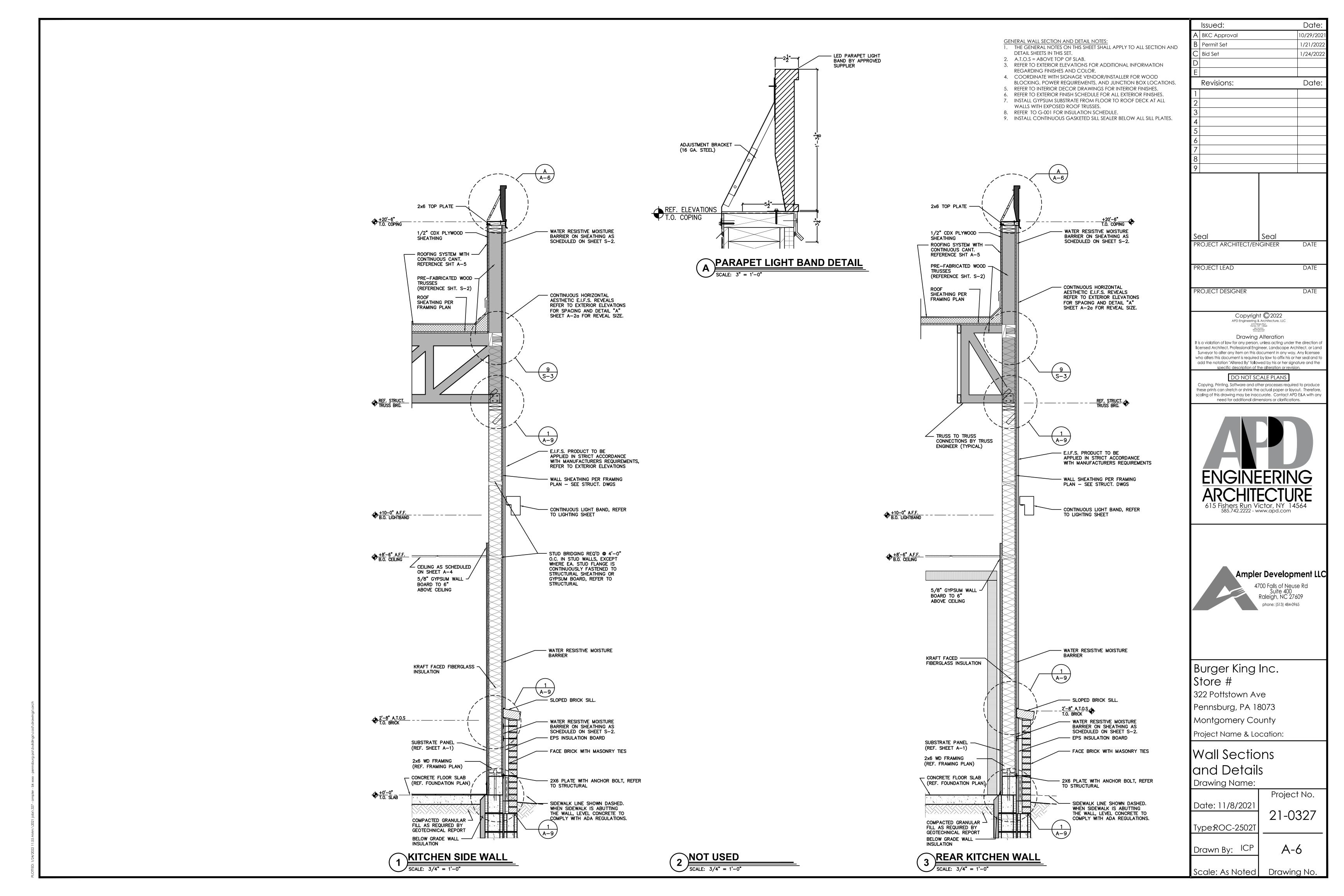
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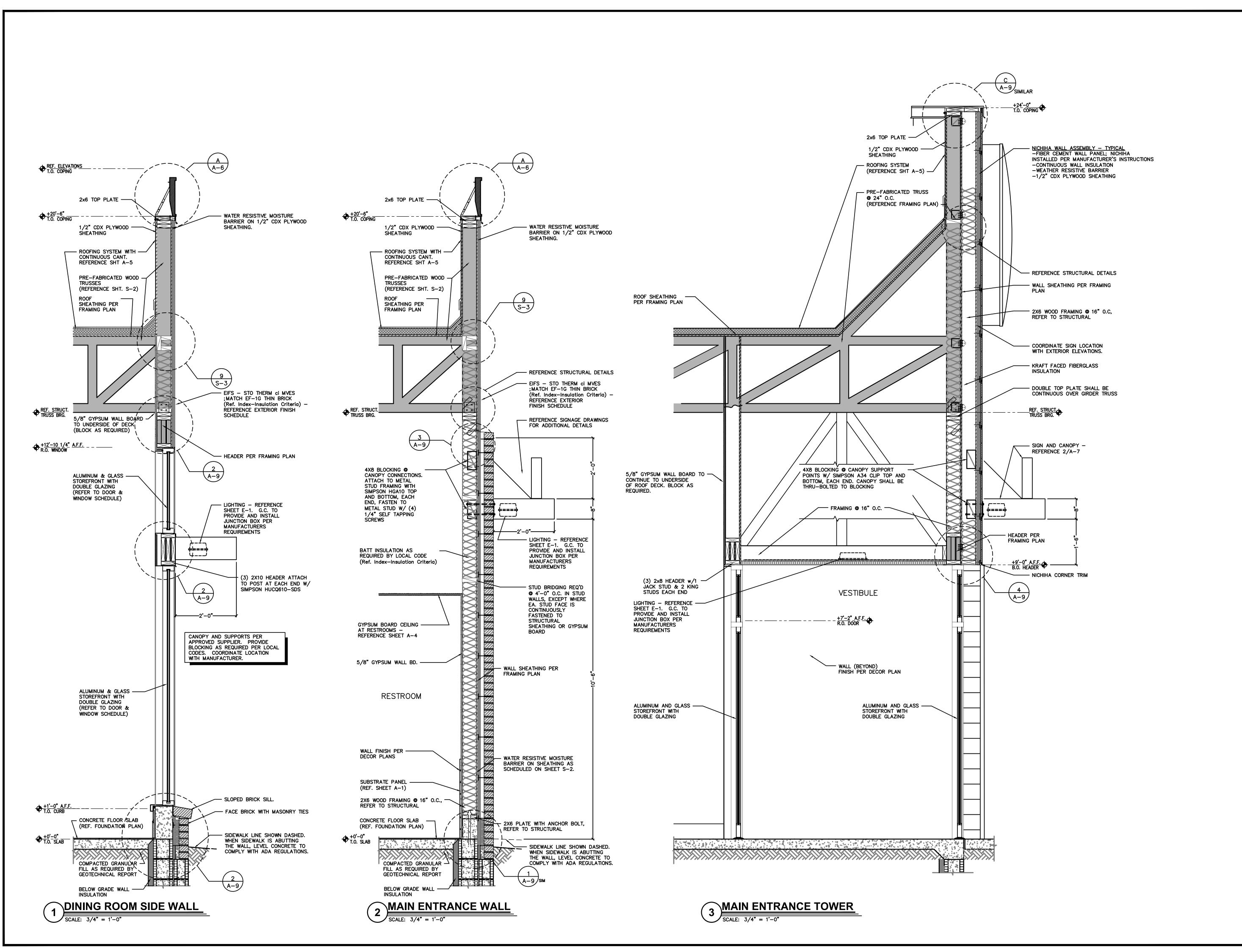
	SUPPLY AIR DIFFUSERS	
	RETURN AIR GRILLES	CUEET W_1 END
	EXHAUST FAN GRILLES	םנג מתנג
A ©	SINGLE PENDANT. COORDINATE LOCATION AND QUANTITY WITH DECOR SUPPLIER.	
В	SINGLE PENDANT. COORDINATE LOCATION AND QUANTITY WITH DECOR SUPPLIER.	
C6w	6" DIAMETER RECESSED DOWNLIGHT	SNOILA
D6w Φ	6" DIAMETER ADJUSTABLE WALL WASH DOWNLIGHT	FOR SPECIFICATIONS
E 🗘	ADJUSTABLE TRACK LIGHT	
F ===	PROFILE LIGHT	T E-1.1
G o	2" DIAMETER DOWNLIGHT	
G1 •	2" DIAMETER WALL WASH DOWNLIGHT	L L L REFERENCE SHEET
1	2x4 RECESSED FLAT LENS (NIGHT LIGHT WHEN SHOWN HATCHED)	
к	12x12 RECESSED SOFFIT LIGHT	
L 🔘	SURFACE MOUNTED EXTERIOR WALL SCONCE (ALSO USED IN OPEN CANOPIES)	
M .	WET LISTED 4'-0" CANOPY LIGHT (USED UNDER AWNINGS AND CLOSED CANOPIES)	
N 🗆	WALL MOUNTED SECURITY LIGHT	
EM 🐷	EMERGENCY LIGHT	

EXIT LIGHT









Date: Issued: A BKC Approval 10/29/202 1/21/202 Permit Set Bid Set 1/24/2022 Revisions: Date PROJECT ARCHITECT/ENGINEER PROJECT LEAD DATE PROJECT DESIGNER DATE Copyright © 2022 APD Engineering & Architecture, LLC 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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Project Name & Location:

Wall Sections

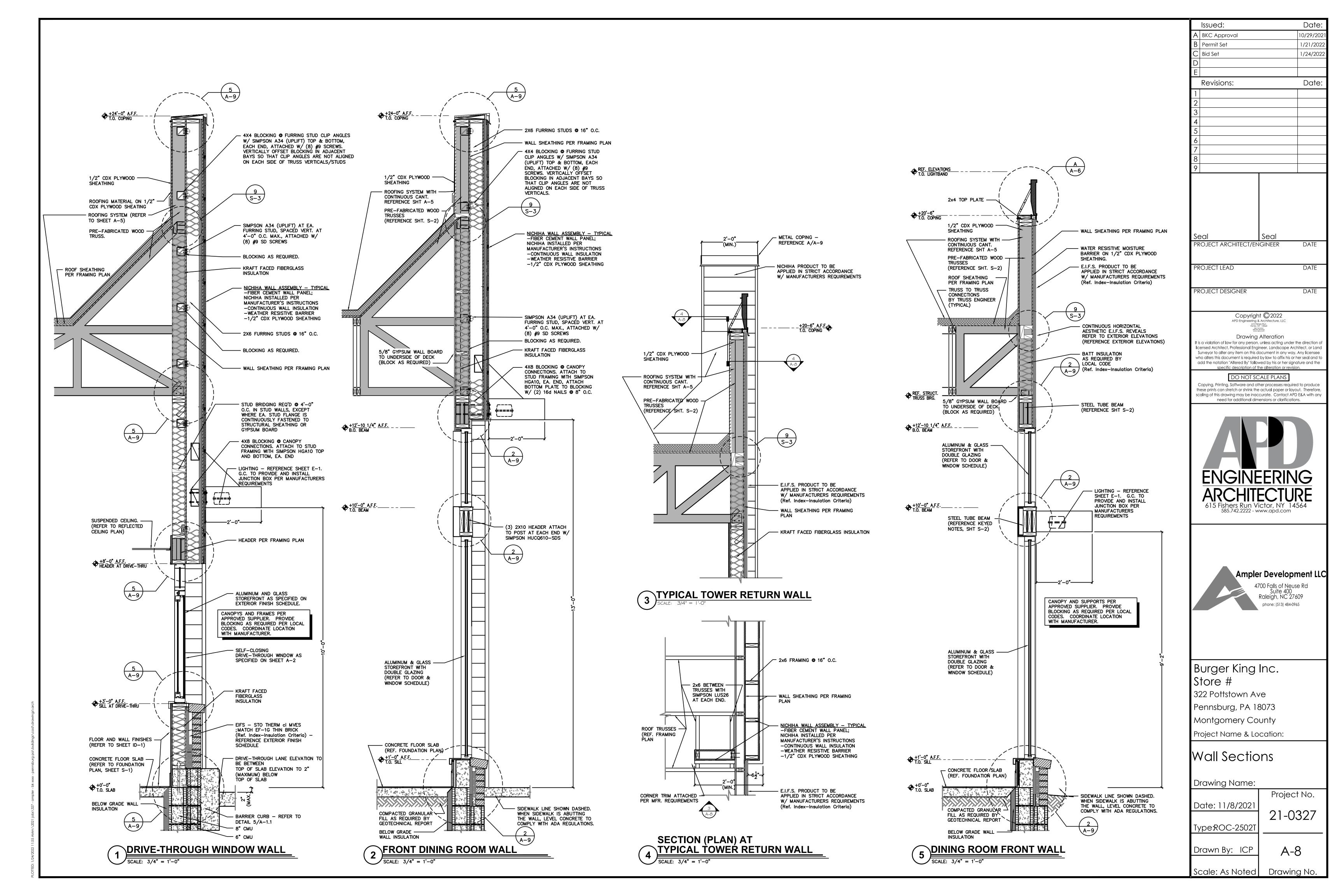
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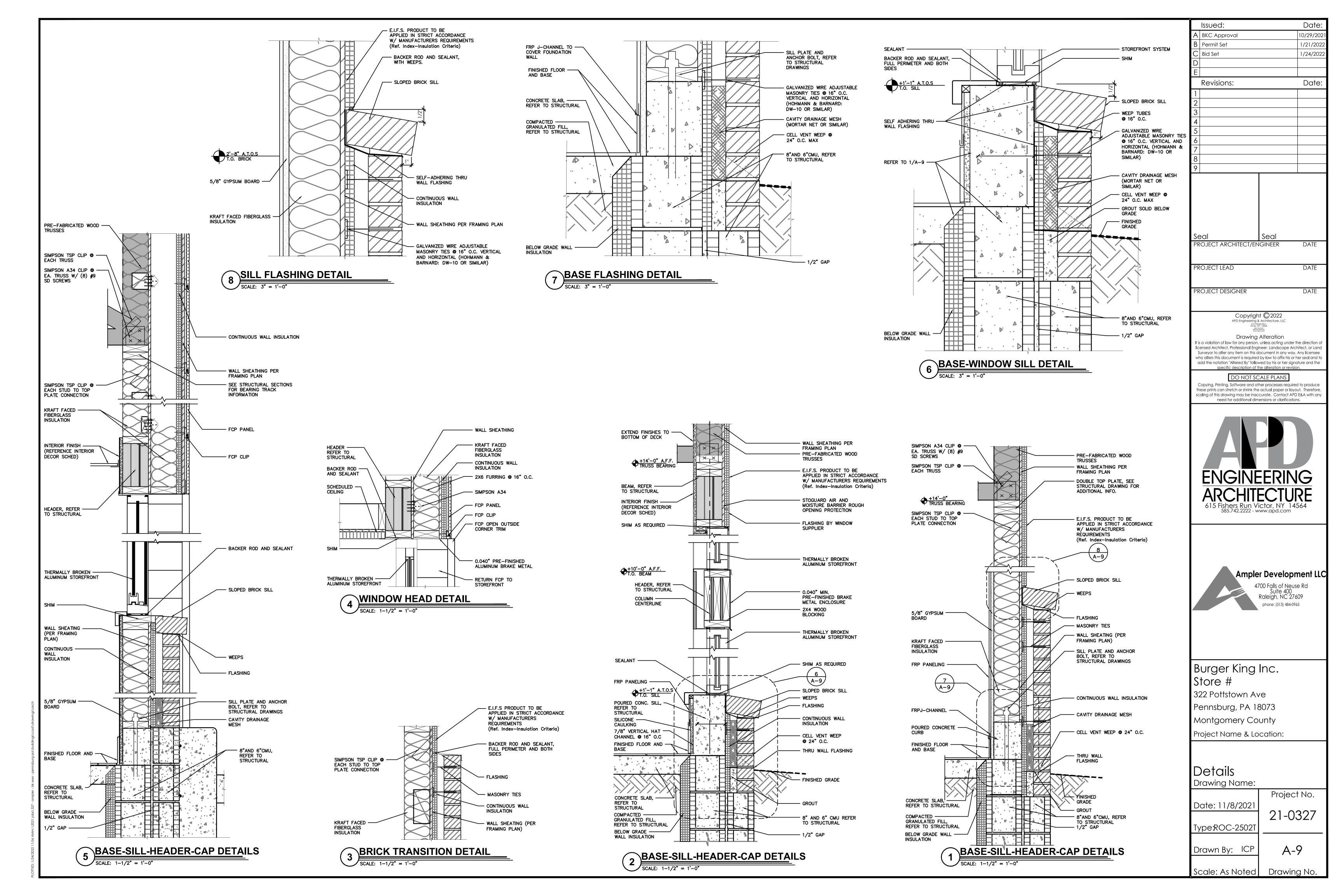
Project No. Date: 11/8/2021 21-0327 Type:ROC-2502

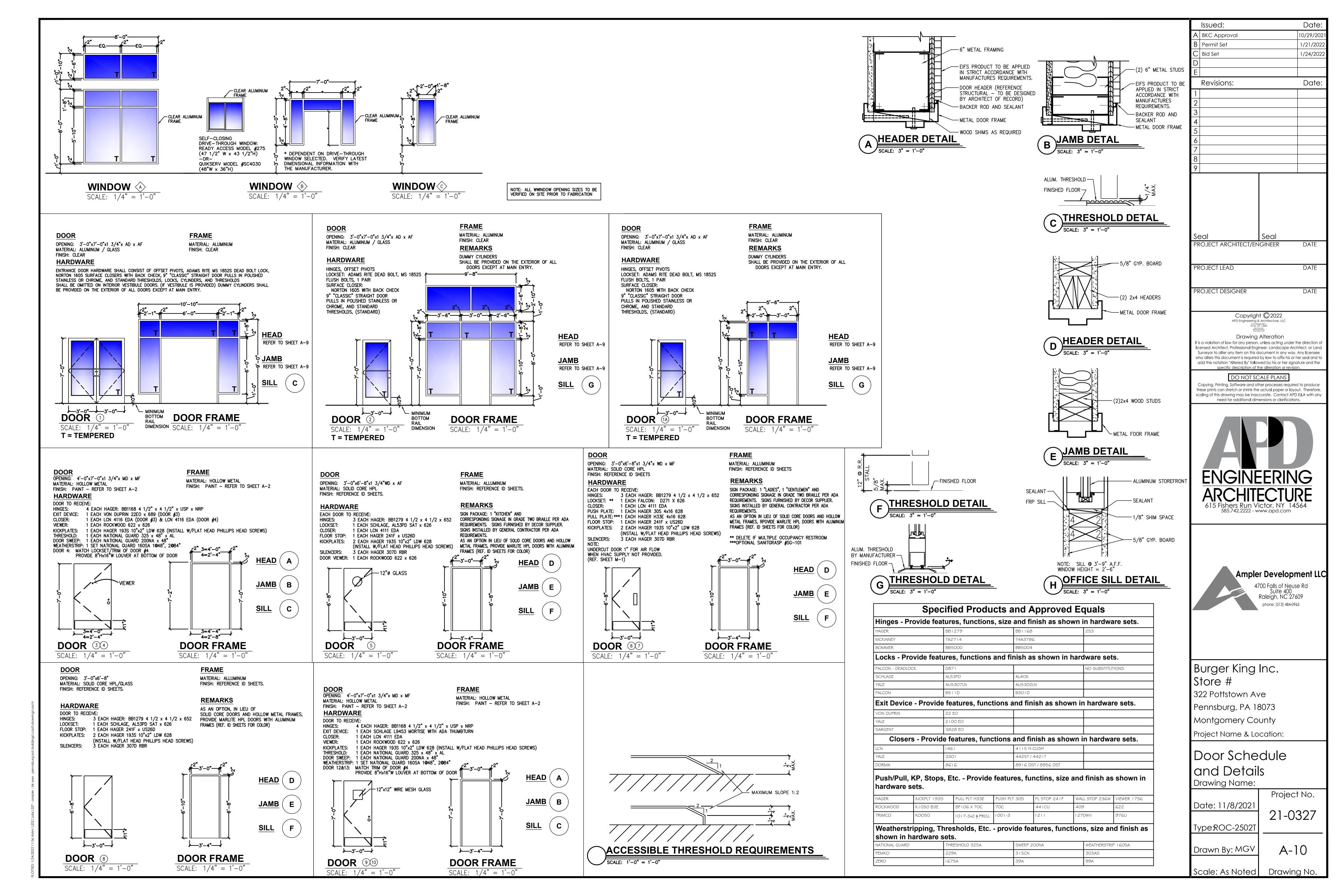
A-7

Drawn By: ICF

Drawing No. Scale: As Noted







DIRECTORY OF MANUFACTURERS AND SUPPLIERS

PDATE: 7-15-2021		DIVINGION O TIMESTO	T	DIVISION 45 ASSESSMENT		EQUIPMENT, PLAYGROUNDS AND DÉCOR		
PIVISION 4 - MASONRY PINE HALL BRICK CO. THIN BRICK & FACE BRICK) 1701 SHOREFAIR DRIVE, NW WINSTON-SALEM, NC 27105 THERESA BEANE: (800) 334-8689 TBEANE@PINEHALLBRICK.COM	EVOLUTION BRICK (THINK BRICK, PANELIZED THIN BRICK & FACE BRICK) 126 OLD HIGHWAY 60 EAST HARDINSBURG, KY 40143 GABE POWERS: (502) 558-4612 gabe@evolutionbrick.com	SECTION OF THE WWW.DI	ISH SCHEDULES FOUND IN THE "COMMON DOCUMENTS" ESIGNWITHBK.COM WEBSITE.	DIVISION 15 - MECHANICAL RINNAI (INSTANT WATER HEATERS) RINNAI NATIONAL ACCOUNT PRICING THROUGH HAINES, JONES, & CADBURY bk@hjcinc.com OR 800-459-7099	EVERPURE, INC (WATER FILTERS) 1040 MUIRFIELD DRIVE HANOVER PARK, IL. 60133 SEAN TEAL 630-306-0296 sean.teal@pentair.com	SICOM (XENIAL) (POS, IDMB&ODMB HARDWARE/SOFTWARE, SPEED OF SERVICE TIMER, KITCHEN MINDER -CHEF) 4434 MEADOW DRIVE DOYLESTOWN, PA, 18901 bksales@sicom.com MICHAEL SCHWARTZ 215-489-2500 EXT 2249 michael.schwartz@xenial.com	STRATACACHE (CONTROLLERS FOR INTERIOR MENU BOARDS AND OUTDOOR DIGITAL MENU BOARDS) 40 North Main Street Dayton Ohio 45423 KEVIN FENTON (678)427-3139 kfenton@stratacache.com	BMC USA LLC (INTERIOR & EXTERIOR DÉCOR) 2655 SOUTH LE JEUNE ROAD, SUITE 905 CORAL GABLES, FL 33134 EMILIO MARTINEZ FERNÁNDEZ emiliomartinez@bmcec.com
IC MUDDOX BRICK CO. FACE BRICK) 875 BRADSHAW ROAD ACRAMENTO, CA 95827 RIN LYNCH 916-206-7831	BORAL STONE (MANUFACTURED STACKED STONE) 1370 GRAND AVENUE, SUITE B SAN MARCOS, CA 92078 SUSAN KING (413) 207-7285 Susan.King@boral.com culturedstone@boral.com	ARMSTRONG STRATEGIC ACCOUNTS (CEILING TILE) CHERYL SMITH 252-214-4426 cbsmith@armstrongceilings.com OR ARMSTRONG STRATEGIC ACCOUNTS (800) 442-4212 armstrongcsa@armstrongceilings.com	USG INTERIORS (CEILING TILE) JOHN FUNES 312.436.5841 JFUNES@USG.COM NOTE: USE PROGRAM QUOTE # 00103139 TO RECEIVE NATIONAL BKC PRICING	RHEEM (WATER HEATERS) RHEEM NATIONAL ACCOUNT PRICING THROUGH HAINES, JONES, & CADBURY bk@hjcinc.com OR 800-459-7099	SELECTO SCIENTIFIC, INC (WATER FILTERS) 3980 LAKEFIELD COURT SUWANEE, GA. 30024 CUSTOMER SERVICE (800)635-4017 x3	Samsung/LSI (INTERIOR & OUTDOOR DIGITAL MENU BOARD SCREENS) 10000 ALLIANCE ROAD CINCINNATI, OH 45242 DAVID WATFORD 850-826-4602 d.watford@sea.samsung.com	PANASONIC (DRIVE THRU HEADSETS) 2 RIVERVIEW PLAZA, 6TH FLOOR NEWARK, NJ 07102 THERESA MURPHY 201-492-0925 theresa.murphy@us.panasonic.com	CASABLANCA DESIGN GROUP (DECOR) 811 PICKENS INDUSTRIAL DRIVE MARIETTA, GA 30026 JOHN HARRISON 770-423-9575 John.Harrison@cdg.com
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URO-LAST ROOFING FLAT ROOFING) 25 MORLEY DRIVE AGINAW, MI 48601 ationalaccounts@duro-last.com 800-432-9331	BASF CORPORATION (POLYURETHANE ROOFING SYSTEMS) 1703 CROSS POINT AVE HOUSTON, TX 77054 ANDREW FOPPE (980) 218-1894 andrew.foppe@basf.com	HAINES, JONES, AND CADBURY (HJC) (RESTROOM PLUMBING & ACCESSORIES, TOLIET PARTITIONS, CORIAN SINKS, WATER HEATERS, HIGH CHAIRS) 310 SW 24TH STREET BENTONVILLE, AR 72712 bk@hjcinc.com OR 800-459-7099	RESTROOM REMODELS COMPANY (RESTROOM PLUMBING & ACCESSORIES, CORIAN SINKS) 15 HAMMATT STREET IPSWICH, MA 01938 Krislynn Maciel 978-525-0008 kris@restroomremodels.com	ECOLAB (WATER FILTERS) 1801 RIVERBEAND WEST DRIVE FORT WORTH, TX 76118 AL POWELL 816-206-2513 al.powell@ecolab.com	CARRIER CORPORATION (AIR CONDITIONING) 6304 CARRIER PARKWAY SYRACUSE, NY. 13221 KEN REVILLA 954-218-0070 Ken.revilla@carriercom	HM ELECTRONICS, INC (HME) (DRIVE THRU HEADSETS) 14110 STOWE DRIVE POWAY, CA. 92064 STEVE LEE 858-848-3704 SLee@hme.com	FRANKE (KITCHEN EQUIPMENT CONSOLIDATOR, SMALLWARES, HOODS) 800 AVIATION PARKWAY SMYRNA, TN. 37086 CUSTOMER SERVICE: 800-877-5178 fs-bkparts.us@franke.com JOHN EDMONDS 615-267-1563 john.edmonds@franke.com	ELKAY SYSTEMS (FORMERLY ISI) (DECOR) 241 NORTH BROADWAY, SUITE 600 MILWAUKEE, WI 53202 CHRISTINA GUTIERREZ 414.847.0709 christina.gutierrez@elkay.com
ERRIDGE ROOFING METAL ROOF) YLER HALL AN ANTONIO, TX. 10-650-7047	TAMKO ROOFING PRODUCTS (FLAT ROOFING) P.O. BOX 1404 JOPLIN, MO. 64802 800-641-4691	AMERICAN STANDARD (RESTROOM ACCESSORIES) 1 CENTENNIAL AVENUE PISCATAWAY, NJ. 08854 CONTACT: HAINES, JONES, & CADBURY (HJC) RESTROOM REMODELS COMPANY HAMILTON PARKER	HAMILTON PARKER COMPANY (RESTROOM PLUMBING & ACCESSORIES, HIGH CHAIRS) 1865 LEONARD AVENUE COLUMBUS, OH 43219 JIM CAMPBELL 614-358-7806 jimcampbell@hamiltonparker.com	TRANE (AIR CONDITIONING UNITS, RTU's/SPLIT SYSTEMS CONTROLS) 2884 CORPORATE WAY MIRAMAR, FL. 33025 CHRIS ST. JOHN 407-325-7123 bkhvac@trane.com	LOREN COOK CO (EXHAUST FANS) 2015 E. DALE SPRINGFIELD, MO 65803-4637 BRENT FULLERTON 417-869-6474 bfullerton@lorencook.com	QUALSERV SOLUTIONS (KITCHEN EQUIPMENT CONSOLIDATOR, SMALLWARES) 7400 SOUTH 28th STREET FORT SMITH, AR. 72908 BRITTANY GOODWIN (479)646-8386 x335 BGoodwin@qualservsolutions.com	DUKE MANUFACTURING (BROILERS & PRODUCT HOLDING UNITS) 2305 NORTH BROADWAY ST. LOUIS MO. 63102 RICK GARRIGA 306-606-2084 rgarriga@dukemfg.com	FCC COMMERCIAL FURNITURE (INTERIOR & EXTERIOR DÉCOR) 8452 OLD HWY. 99 NORTH ROSEBURG, OR. 97470 PRESTON O'HARA 800-322-7328 EXT 284 preston.ohara@fccfurn.com
RIRESTONE METAL PRODUCTS METAL ROOF) 150 WEST 96TH STREET NDIANAPOLIS, IN 46260 'USUKE KOREEDA: 615-345-9991 oreedayusuke@firestonebp.com	G.A.F. (FLAT ROOF) 1361 ALPS ROAD WAYNE, NJ. 07470 (201) 628-3000 800-766-3411	SAN JAMAR (KITCHEN PAPER TOWEL DISPENSORS & SUPPLIES) 555 KOOPMAN LANE ELKHORN, WI. CONTACT: FRANKE, INC. H&K INTERNATIONAL QUALSERV SOLUTIONS	WORLD DRYER, CO (HAND DRYERS) CONTACT: HAINES, JONES, & CADBURY (HJC) RESTROOM REMODELS COMPANY HAMILTON PARKER	FRANKE, INC. (BROILER AND FRYER VENTILATION HOODS) 800 AVIATION PARKWAY SMYRNA, TN 37086 800-877-5718 fs-bkparts.us@franke.com	AMEREX CORPORATION (FIRE PROTECTION SYSTEMS) 7595 GADSDEN HIGHWAY TRUSSVILLE, AL 35173-0081 JAMES KNOWLES 205-655-5721 james.knowles@amerex-fire.com www.amerex-fire.com	H & K INTERNATIONAL (KITCHEN EQUIPMENT CONSOLIDATOR, SMALLWARES, HOODS) 2200 SKYLINE DR DALLAS, TX 75223 HEATHER VALVERDE 561-626-1020 heather.valverde@hki.com	NIECO CORPORATION (BROILERS) 7950 CAMERON DRIVE WINDSOR, CA 95492 GUIDO NAVA 630-303-6824 gnava@nieco.com	FACILITY CONCEPTS, INC (FCI) (DECOR) 7676 ZIONSVILLE ROAD INDIANAPOLIS, IN 46268 (800)915-8890 customerservice@fcius.com KEN WEAVER kweaver@fcius.com
IICHIHA USA LLC FIBERCEMENT PANELS) 6465 EAST JOHNS CROSSING, SUITE 250 OHNS CREEK, GA 30097 IICHIHA CUSTOMER SERVICE (770) 805-9466 BK@NICHIHA.COM		H&K INTERNATIONAL (STAINLESS STEEL BATHROOM SINKS) 2200 SKYLINE DRIVE MESQUITE, TX 75149 HEATHER VALVERDE 214-818-3521 heather.valverde@hki.com	ZURN INDUSTRIES (PLUMBING FIXTURES) CONTACT: HAINES, JONES, AND CADBURY or RESTROOM REMODELS COMPANY	H&K INTERNATIONAL (BROILER AND FRYER VENTILATION HOODS) 2200 SKYLINE DRIVE MESQUITE, TX 75149 HEATHER VALVERDE 214-818-3521 heather.valverde@hki.com	GAYLORD INDUSTRIES, INC (BROILER AND FRYER VENTILATION HOODS) 10900 SOUTHWEST AVERY STREET TUALATIN, OR, 97062 ROB CARMICHAEL 770-265-2562 Rob.Carmichael@gaylordventilation.com	TRIMARK USA (KITCHEN EQUIPMENT CONSOLIDATOR, SMALLWARES FOR AAFES ORDERS ONLY) 2601 HOPE CHURCH ROAD WINSTON-SALEM, NC 27103 BILLY HIGH 336-354-4262 billy.high@trimarkusa.com	PITCO FRIALATOR (FRYERS) 10 FERRY STREET CONCORD, NH. 03301 MARK MCCABE: 603-230-5509 MMcCabe@pitco.com	SEATING CONCEPTS (DECOR) 125 CONNELL STREET ROCKDALE, IL. 60436 (815)730-7980 ZACH DEPYSSLER zdepyssler@seating-concepts.com
		Customer 1st LLC (SAFES) 8899 EAST DAILY ROAD, SUITE #51 PEKIN, IN 47165 MIKE MARCOSA -877-768-9970 mike@customer1stsafes.com	ECOLAB FOOD SAFETY SPECIALTIES INC, DBA DAYDOTS (FIRST AID KITS) 201 EAST JOHN CARPENTER FREEWAY IRVING, TX 75062 ANNA MALHIS 800-321-3687 customercare@daydots.com			FRYMASTER CORPORATION (FRYERS) 8700 LINE AVE SHREVEPORT, LA 71106 JOAN SALAH 813-504-9262 Joan.Salah@welbilt.com	LANCER CORP. (BEVERAGE SYSTEM) 6655 LANCER BLVD SAN ANTONIO, TX. 78219 GREG EDWARDS: 817-692-5094 greg.edwards@lancercorp.com	NAUTICAL FURNISHINGS, LLC (LIMITED DÉCOR ITEMS) 60 NW 60TH STREET FT. LAUDERDALE, FL 33309 MICHAEL HOGLUND: 954-771-1100 mhoglund@nauticalfurnishings.com
DIVISION 8 - DOORS AND WINDOWS QUIKSERV DRIVE-THRU WINDOWS & AIR CURTAINS) 1441 BRITTMOORE PARK DRIVE HOUSTON, TX. 77041 800-388-8307 BRIAN MCCLOSKEY bmccloskey@quikserv.com	MARLITE (RESTROOM PARTITIONS, ALUMINUM FRAMES & DOORS, DOOR HARDWARE, (HINGES, LOCKS, ETC) 202 HARGER STREET DOVER, NH 44622 800-377-1221 ANITA CRAIG 330-260-7621 acraig@Marlite.com	DIVISION 10 - SIGNS & CANOPIES ALLEN INDUSTRIES, INC (CANOPIES AND SIGNS) 11351 49TH STREET NORTH CLEARWATER, FL 33762 MEGAN PYRTLE 336-615-8688 bk@allenindustries.com	LEKTRON, INC (LED PARAPET LIGHT BANDS) 4111 S. 74th E. Ave. TULSA, OK. 74145 ERIC PYLE 918-622-4978 BurgerKing@LektronInc.com	DIVISION 16 - ELECTRICAL SECURITY LIGHTING SYSTEMS (FULL STORE PACKAGE LIGHTING FOR INTERIOR/EXTERIOR BUILDING & SITE LIGHTS, SURVEYS AND PHOTOMETRICS) 2100 GOLF ROAD, SUITE 460 ROLLING MEADOWS, IL. 60008 WHITNEY WATSON: 800-544-4848 EXT 131 wilg@securitylighting.com	HERMITAGE LIGHTING NATIONAL ACCOUNTS (MASTER LIGHTING CONSOLIDATOR, SURVEYS AND PHOTOMETRICS) 3640 TROUSDALE DRIVE NASHVILLE, TN. 37204 WYATT CULVER (615) 843-3379 wculver@gohermitage.com	FBD PARTNERSHIP, LP (FROZEN BEVERAGE) 8161 INTERCHANGE PARKWAY SUITE 115 SAN ANTONIO, TX 78218 JOE CLEMENTS 214-732-9555 jclements@fbdfrozen.com	CORNELIUS, INC. (BEVERAGE SYSTEM) 101 BROADWAY STREET WEST OSSEO, MN 55369 ROSS DAVIS: 630-659-8690 ross.davis@cornelius.com	COMMERCIAL INTERIOR MANUFACTURERS, INC (LIMITED DÉCOR ITEMS) 158 HOLLY STREET JASPER, GA. 30143 AUSTIN HOLAN 706.299.0327 austin@cimgbiz.com
READY ACCESS DRIVE THRU WINDOWS & AIR CURTAINS) 815 ARTHUR DRIVE WEST CHICAGO, IL. 60185 ELLY MCGOLDRICK: 800-621-5045 EXT 113 Belly@ready-access.com	COMMERCIAL INTERIORS MANUFACTURING (RESTROOM PARTITIONS, HOLLOW METAL FRAMES & DOORS, HARDWARE (HINGES, LOCKS, ETC) 158 HOLLY STREET JASPER, GA 30143 AUSTIN HOLAN: 706.299.0327 austin@cimgbiz.com	ENTERA SIGNS (CANOPIES AND SIGNS) 1200 ENTERA DRIVE PANAMA CITY, FL. 32401 MATT CZAJKOWSKI 850-691-9652 matt.czajkowski@enterabranding.com	CUMMINGS SIGNS, INC (CANOPIES AND SIGNS) 105 DALTON PLACE WAY KNOXVILLE, TN 37912 JOEL EFFLER 615-872-5483 joel.effler@cummingssigns.com	LSI INDUSTRIES INC. (INTERIOR AND EXTERIOR LIGHTING, SURVEYS AND PHOTOMETRICS) 10000 ALLIANCE ROAD CINCINNATI, OH. 45242 BOB LUCAS 480-368-9399 OR 602-740-9894 Bob.Lucas@LSI-INDUSTRIES.com	ENERGYWISE SOULUTIONS, LLC (MASTER LIGHTING CONSOLIDATOR, SURVEYS AND PHOTOMETRICS) 8550 UNITED PLAZA BOULEVARD, SUITE 702 BATON ROUGE, LA 70809 JENNIFER WADDICK 877-225-1336 jennifer@energywisemail.com	INTERNATIONAL COLD STORAGE (ICS) (WALK-IN COOLERS / FREEZERS, DRY STORAGE COMPARTMENTS) 215 EAST 13th STREET ANDOVER, KS. 67002 LYNNE CLATTERBUCK 316-218-4126 Lynne.clatterbuck@icsco.com	TAYLOR ULTIMATE SERVICES, INC (SHAKE MACHINE, FROZEN BEVERAGE MACHINE) 1780 NORTH COMMERCE PKWY WESTON, FL. 33326 RJ PIEDRA: 954-217-9100 raul@taylorus.com	TWENTY FOUR 7 GLOBAL SOLUTIONS, INC. (GARDEN GRILL, PRIME & ROYAL CHAIRS AND BARSTOOLS) 898 NORTH SEPULVEDA BLVD, SUITE 465 EL SEGUNDO, CA 90245 GIANNE WON 323-319-2727 gianne.won@twentyfour7-global.com
HAMILTON PARKER COMPANY HOLLOW METAL FRAMES & DOORS, WOOD DOORS, HARDWARE (HINGES, LOCKS, ETC) 865 LEONARD AVENUE COLUMBUS, OH 43219 IM CAMPBELL 614-358-7806 imcampbell@hamiltonparker.com	3M COMMERCIAL CORE DIVISION (WINDOW FILM) 3M CENTER ST. PAUL, MN JOE CIAMPI: 704-771-2449 OR 800-328-0033 jjciampi@mmm.com	SIGN RESOURCE (CANOPIES AND SIGNS) 6135 DISTRICT BLVD. MAYWOOD, CA. 90270 KEN SIEGERT 810-241-0272 ken.siegert@signresource.com	FEDERAL HEATH SIGN CO (CANOPIES AND SIGNS) 12704 DUPONT CIRCLE TAMPA FL 33626 FIONA PAUL 813-855-4415 fpaul@federalheath.com	CREE LIGHTING (INTERIOR AND EXTERIOR LIGHTING, SURVEYS AND PHOTOMETRICS) 9201 WASHINGTON AVENUE RACINE, WI 53406 ELVIR SULJIC 262-884-3332 esuljic@creelighting.com	VAOPTO, LLC (INTERIOR AND EXTERIOR BUILDING LIGHTING) 5178 WEST PATRICK LANE LAS VEGAS, NV 89188 Linda Xu (702)517-5789 linda@vaopto.com	MANITOWOC ICE (ICE MACHINES) 2110 SOUTH 26TH STREET MANITOWOC, WI 54221 JOAN SALAH 813-504-9262 Joan.Salah@welbilt.com	KOLPAK, A WELBILT COMPANY (WALK-IN COOLERS / FREEZERS) 952 KISSWICH MANOR LANE BALDWIN, MO 63011 JOAN SALAH 813-504-9262 Joan.Salah@welbilt.com	WAUSAU TILE, INC (EXTERIOR DÉCOR FURNITURE & ACCESSORIES) P.O. BOX 1520 WAUSAU, WI 54402 RACHEL BATHKE 715-241-0320 RRBathke@wausautile.com
FINGERSAFE USA, INC. FINGER IN JAMB SAFETY - PLAYGROUNDS) 15 WEST OGLETHORPE AVENUE FAVANNAH, GA 31401 Orders@fingersafe.com MEAGAN KUJAWSKI 912-234-6120 Meagan@Fingersafe.com		DAKTRONICS, INC (DIGITAL READERBOARD) 210 DAKTRONICS DRIVE BROOKINGS, SD 57006 GREG BREYFOGLE 407-310-3695 Greg.Breyfogle@daktronics.com	OPTEC DISPLAYS, INC (DIGITAL READERBOARD) 1700 SOUTH DESOTO PLACE ONTARIO, CA 91768 Chad Engstrom (626)252-8333 cengstrom@optec.com	KONTECHUSA (INTERIOR AND EXTERIOR BUILDING LIGHTING) 18045 ROLAND STREET CITY OF INDUSTRY, CA 91748 (866) 236-8701 Miguel Martinez (626)622-1325 mmartinez@kontechusa.com	HILL PHOENIX POWER SYSTEMS DIVISION (FACTORY INTEGRATED SWITCH GEAR) 8166 INDUSTRIAL BLVD COVINGTON, GA. 30014 dfr-info@doverfoodretail.com 770-285-3264	HOSHIZAKI AMERICA (ICE MACHINES) 618 HIGHWAY 74 SOUTH PEACHTREE CITY, GA 30269 ANGIE WARREN (770)487-2331 x11329 adwarren@hoshizaki.com	SCOTSMAN ICE SYSTEMS (ICE MACHINES) 775 CORPORATE WOODS PARKWAY VERNON HILLS, IL 60061 Evolution Team (800)726-8762 x15204 team.resolution@scotsman-ice.com	APA COLOR GRAPHICS (LIMITED DECOR ITEMS & GRAPHICS) 2929 PACIFIC DRIVE NORCROSS, GA 800.543.5775 CHUCK BOGEL 404.355.1355 chuck@apacolorgraphics.com
		NRS - NATIONAL READERBOARD SUPPLY (READERBOARD LETTERS & SUPPLIES) 160 PAHLONE PARKWAY PONCHA SPRINGS, CO 81242 Patrick Case 800-243-6676 Sales@nationalreaderboard.com				PLAY SYSTEMS/SII (SUPERIOR PLAY SYSTEMS) (PLAYGROUND MANUFACTURER) 1050 COLUMBIA DR. CARROLLTON, GA 30717 SHAN MCGUIRE 678-390-1915 https://superiorplay.com/	SOFT PLAY, LLC (PLAYGROUND MANUFACTURER, SAFETY SURFACING, NON-CONTAINED PLAY EQUIPMENT) 13620 EAST REESE BLVD. SUITE 300 HUNTERSVILLE, NC. 28078 BROCK HODGE 704-948-3430 brock.hodge@softplay.com	VGS, INC (GRAPHICS) 1696 MABRY MILL DRIVE, SW NORTH CANTON, OH 44709 BURGERKING@VGS-INC.COM (800)201-0301 x1
								LSI INDUSTRIES (GRAPHICS) 10000 ALLIANCE ROAD CINCINNATI, OH. 45242 BOB LUCAS 480-368-9399 OR 602-740-9894 Bob.Lucas@LSI-INDUSTRIES.com MOSS RETAIL AND ENVIRONMENTS (GRAPHICS) 2643 WEST CHICAGO AVE CHICAGO, IL 60622 bk@mossinc.com Scott Metzger 847.238.4245 smetzger@mossinc.com

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Burger King Inc. Store # 322 Pottstown Ave Pennsburg, PA 18073

Montgomery County Project Name & Location:

Directory of Manufacturers and Suppliers
Drawing Name:

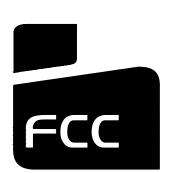
Date: 11/8/2021 21-0327 Type:ROC-2502T

Project No.

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Drawn By:MGV

Scale: As Noted Drawing No.





322 Pottstown Ave. Pennsborg, PA 18023

FCC COMMERCIAL FURNITURE INC | APPROVED SEATING & DECOR PROVIDER

GENERAL NOTES: CONTRACTOR / INSTALLER

GENERAL CONSTRUCTION NOTES:

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 CUSTOMER 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. DO NOT USE FOR CONSTRUCTION.

STANDARD STORES PROJECTS:

- ALL WORK, CONSTRUCTION, FURNITURE AND MATERIALS SHALL COMPLY WITH ALL . THESE DRAWINGS, SCHEDULES, AND SPECIFICATIONS, AS WELL AS, OTHER 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, 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 REMAIN THE PROPERTY OF FCC COMMERCIAL FURNITURE. ALL RIGHTS RESERVED. BACK OF HOUSE TILE. REFER TO ARCHITECTURAL PLAN SET FOR FULL KITCHEN
 - 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 VERIEVALL 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.

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, UNI ESS 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 APPROPRIATE ALLOWANCES FOR NEW FINISH WORK.
- CONTACT FCC'S CUSTOMER SERVICE MANAGERS FOR ANY CONFLICTS BETWEEN FCC'S DECOR AND ELECTRICAL OR HVAC EQUIPMENT.

GENERAL FLOORING NOTES:

- 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 SCHEDULES, AND SPECIFICATIONS FOR DESIGN SERVICES FOR FUTURE ADDITIONS

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

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 UNDER NORMAL USE AND SERVICE FOR A PERIOD OF ONE YEAR FROM THE DATE OF ECC 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

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.

PRELIMINARY SEATING/DECOR DRAWINGS

NOT FOR CONSTRUCTION:

RAWINGS ARE FOR APPROVAL OF DESIGN AND SPECIFICATIONS ONLY DESIGN I SUBJECT TO CHANGE BASED ON VERIFICATION OF ARCHITECTURAL INFORMATION TO BE PROVIDED. GENERAL CONTRACTOR TO VERIFY AND PROVIDE BUILDING DIMENSIONS TO ECC COMMERCIAL FURNITURE BEFORE INSTALLATION OF ANY EATING AND DECOR PRODUCTS CAN BEGIN.

INDEX OF DRAWINGS:

SHEET D0.0 - COVER SHEET

CUSTOMER INFORMATION, GENERAL NOTES

DO NOT CORE DRILL FROM THIS PLAN

SHEET D1.0 - SEATING LAYOUT

FURNITURE COMPONENT, SEATING CAPACITY

SHEET D1.1 - PRELIMINARY METALWORK LAYOUT

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 ECC.

PROJECT CONTACTS:

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

FCC COMMERCIAL FURNITURE, INC. T. 800.322.7328

DESIGN MANAGER: MICKEY HINES T. 800.322.7328 EXT. 210

DESIGN MANAGER DAVID GALSTER T. 800.322.7328 EXT. 226

PROJECT COORDINATOR LISA GILLESPIE

T. 800.322.7328 EXT. 270 SALESPERSON

RANDY MOF T. 541.580.2614

LEGEND:

REFER TO EACH SHEET FOR ALL NOTES OR CONTRACTOR INFORMATION AND / OR SCHEDULES.

FCC SEATING / DECOR ELEMENT

ITEMS NOT BY FCC & BK CODES

APPROVAL PRINT	
	PLEASE SIGN, DATE AND RETURN TO
-CC	COMMERCIAL FURNITURE IN

DESIGNED AND BUILT IN U.S.A.

IMPORTANT

EN DIMENSIONS HAVE PRECEDENCE OVER SCALE CASES.

DO NOT SCALE OFF PLANS. CONTACT FO

COMMERCIAL FURNITURE IS NOT RESPONSIBLE VIATIONS, CAMBERCIAL FURNITURE INC, IN ADVANCE, IN WRITE COMMERCIAL FURNITURE IS NOT RESPONSIBLE VIATIONS, CHANGES, ADDITIONS, OR DELETIONS (REWED AND APPROVINCE).

HESE DOCUMENTS REFLECT SPECIFIC SEATING AND

CLIENT:



Burger King 322 Pottstown Ave. Pennsborg, PA 18023 Decor: Garden Grill Building Type: ROC-2502T CUSTOMER

Ampler Development

SHEET TITLE: **PROJECT COVER PAGE** WORK ORDER NUMBER:

FINALS BY:

DRAWN BY: Joe Logsdon SCALE

NTS

ORIGINAL DATE:

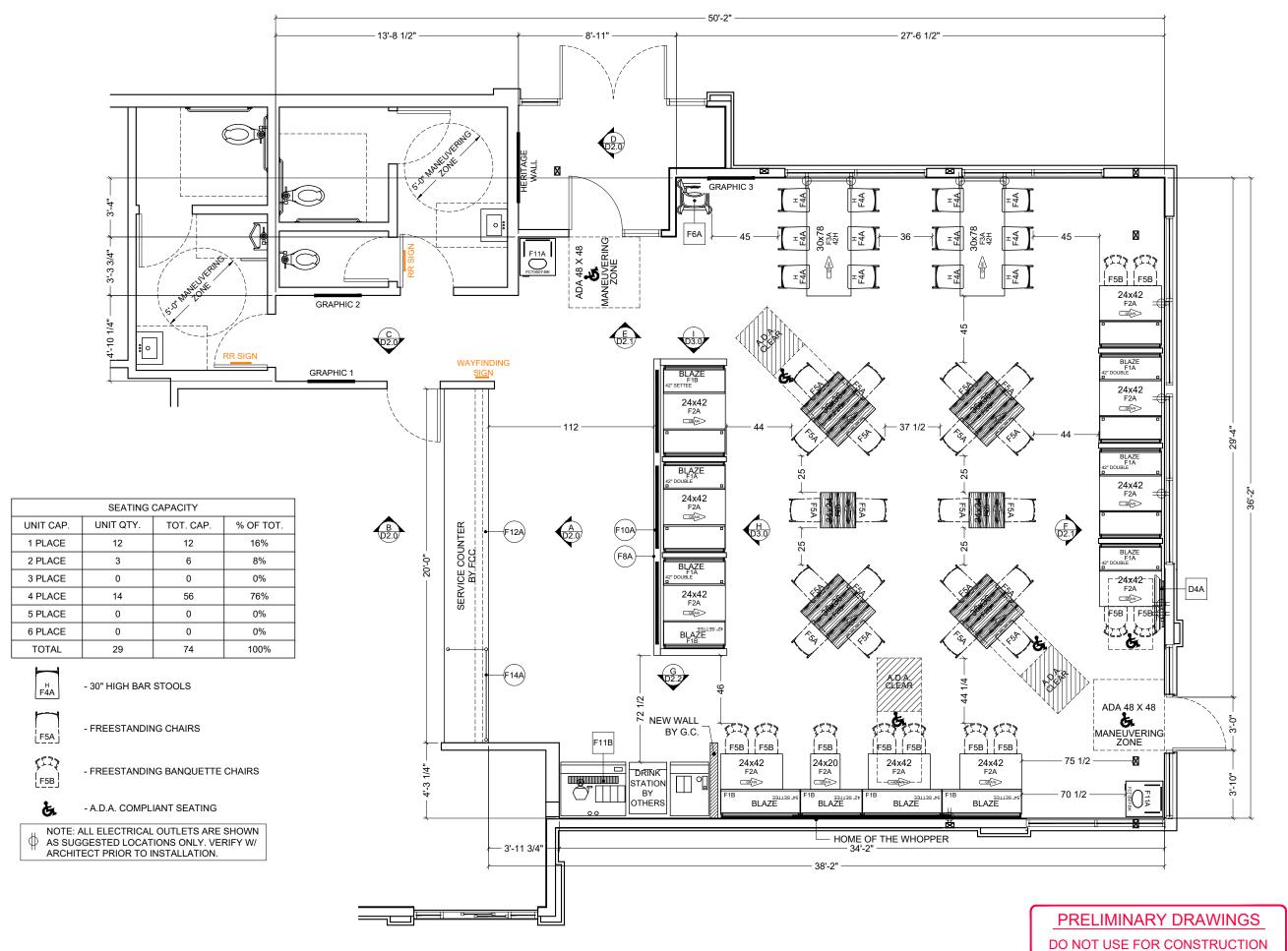
December 7, 2021

PLOT DATE:

December 7, 2021

PROJECT #:

22834-001





THE 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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DOCUMENTS. DO NOT REPRODUCE ON LEIN WITHOUT
WRITTEN PERMISSION FROM FCC COMMERCIAL
FURNITURE INC.

IMPORTANT

WRITTEN DIMENSIONS HAVE PRECEDENCE OVER SCALIN ALL CASES.

FURNITURE'S REPRESENTATIVE TO VERIFY ANY
QUESTIONABLE DIMENSIONS AT TELEPHONE #
800.322.7328

HE GENERAL CONTRACTOR MUST VERIFY ALL BUILD IMENSIONS, EQUIPMENT, FURNITURE PLACEMENT, TILITY LOCATIONS, AND CONDITIONS AT THE JOB SIT

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FCC COMMERCIAL FURNITURE HAS PREPARED THESE DOCUMENTS AS ACCURATELY AS POSSIBLE WITH THE RECHITECTURAL INFORMATION PROVIDED. DUE TO LA PACCURATE AND AND COMPLETE DIMENSIONED AND ADDITIONAL PROPERTY OF THE PINAL PROVIDED AND ADDITIONAL PROPERTY OF THE FINAL LOCATIONS OF EQUIPME NADIOR FURNITURE PLACEMENT MAY BE REQUIRED A THE COMMERCE APPENSED BUT OF DISCREPANCIES OF A THE COMMERCE APPENSED BUT OF THE APPENSED BUT OF A THE COMMERCE APPENSED BUT OF THE APPENSED BUT OF A THE COMMERCE APPENSED BUT OF THE APPENSED BUT OF A THE COMMERCE APPENSED BUT OF THE APPENSE

REFER TO ARCHITECTURAL OR ENGINEER DRAWING FOR COMPLETE AND ACCURATE DIMENSIONS OF

THESE CONTRACT DOCUMENTS AND THE INFORMATIO THEY CONTAIN ARE THE PROPERTY OF FCC COMMERC

FURNITURE INC., ROSEBURG, OREGON, 97470.

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CLIENT:



Burger King 322 Pottstown Ave. Pennsborg, PA 18023 Decor: Garden Grill Building Type: ROC-2502T

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 7, 2021

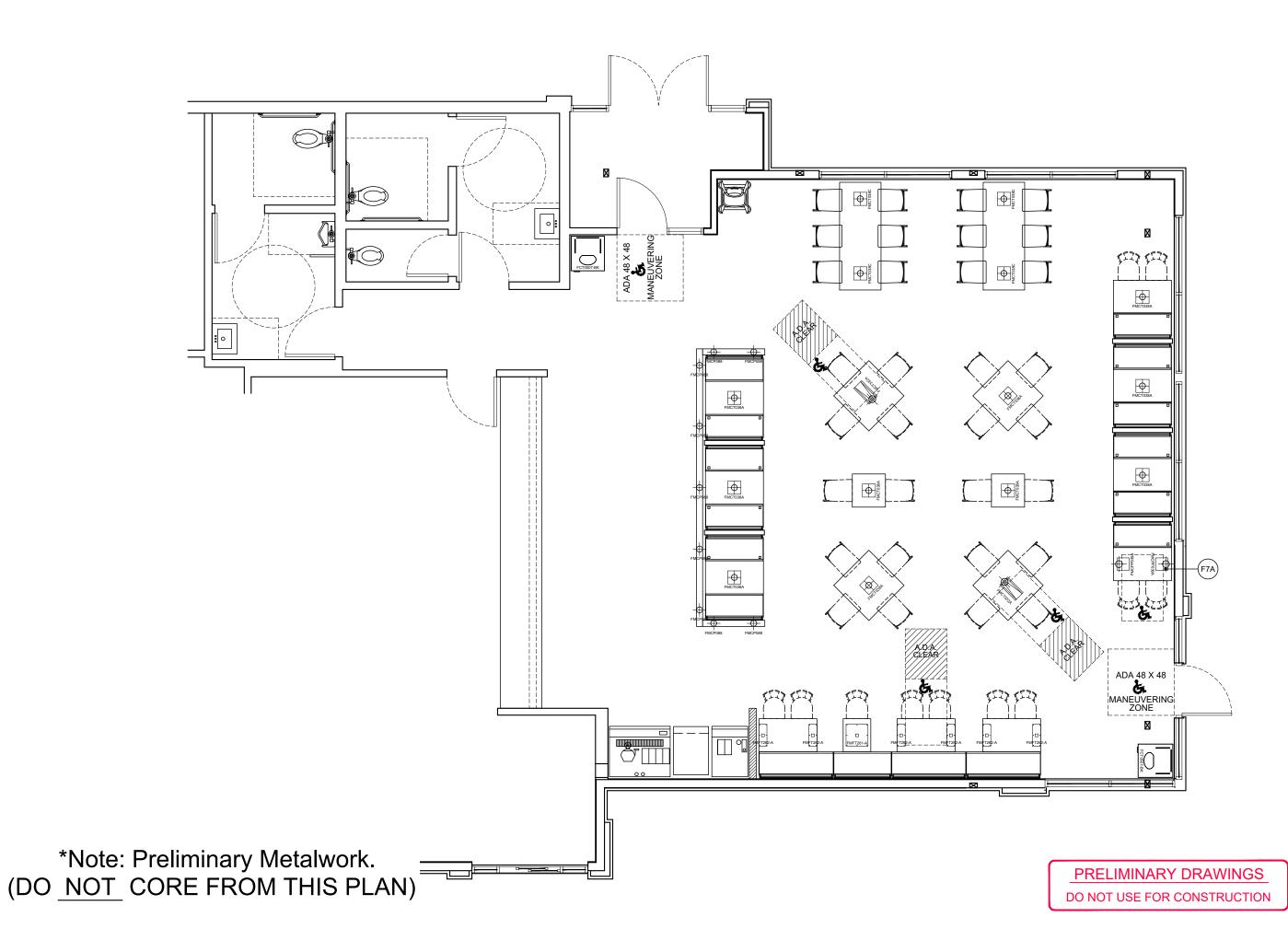
PLOT DATE:

December 7, 2021

PROJECT #: **22834-001**

SHEET #:

D1.0





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AND INSTALLER FOR THE PROJECT SHOWN. THIS DES
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FURNITURE IN.

IMPORTANT

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QUESTIONABLE DIMENSIONS AT TELEPHONE #
800.322.7328

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AND/OR REQUIRED ADJUSTMENTS PRIOR TO STARTI
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CLIENT:



Burger King 322 Pottstown Ave. Pennsborg, PA 18023 Decor: Garden Grill Building Type: ROC-2502T

Ampler Development

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

FINALS BY:

DRAWN BY: Joe Logsdon SCALE:

3/16" = 1'-0"

ORIGINAL DATE:

December 7, 2021

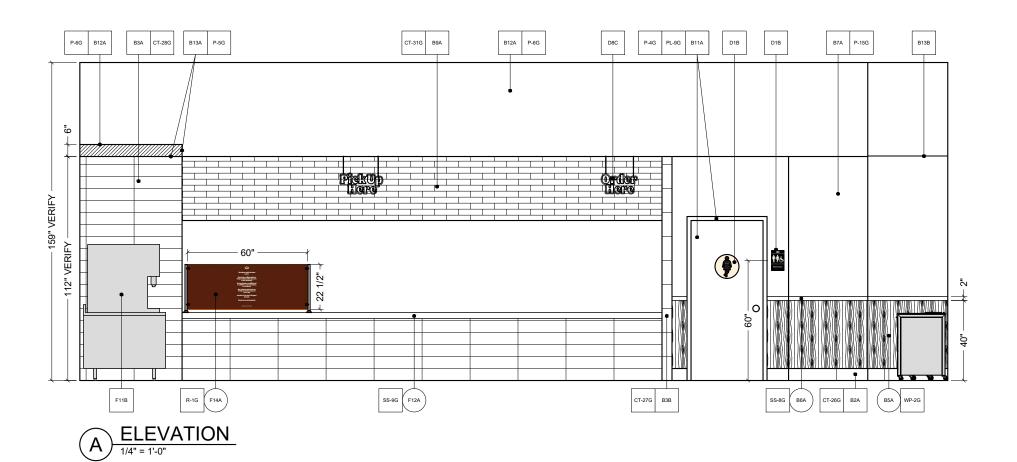
PLOT DATE:

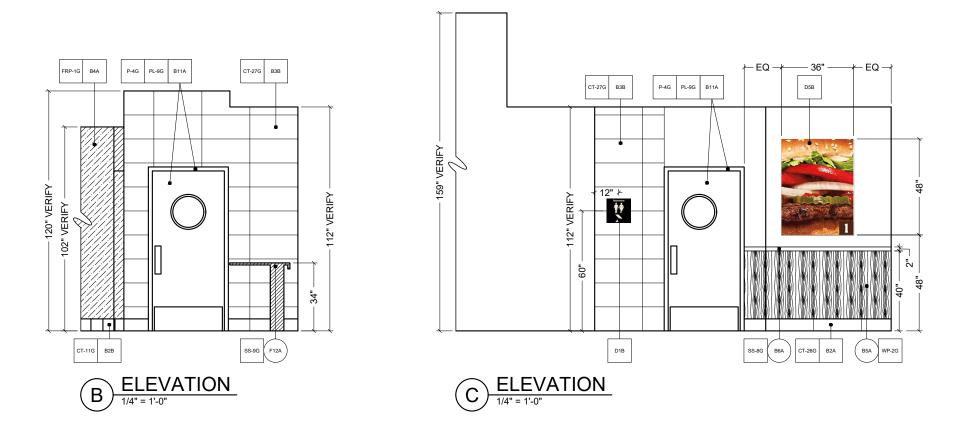
December 7, 2021

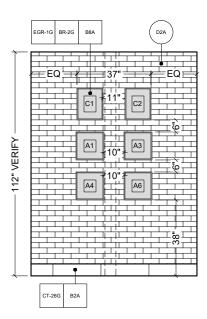
PROJECT #: **22834-001**

SHEET #:

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CLIENT:



Burger King 322 Pottstown Ave. Pennsborg, PA 18023 Decor: Garden Grill Building Type: ROC-2502T

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 7, 2021

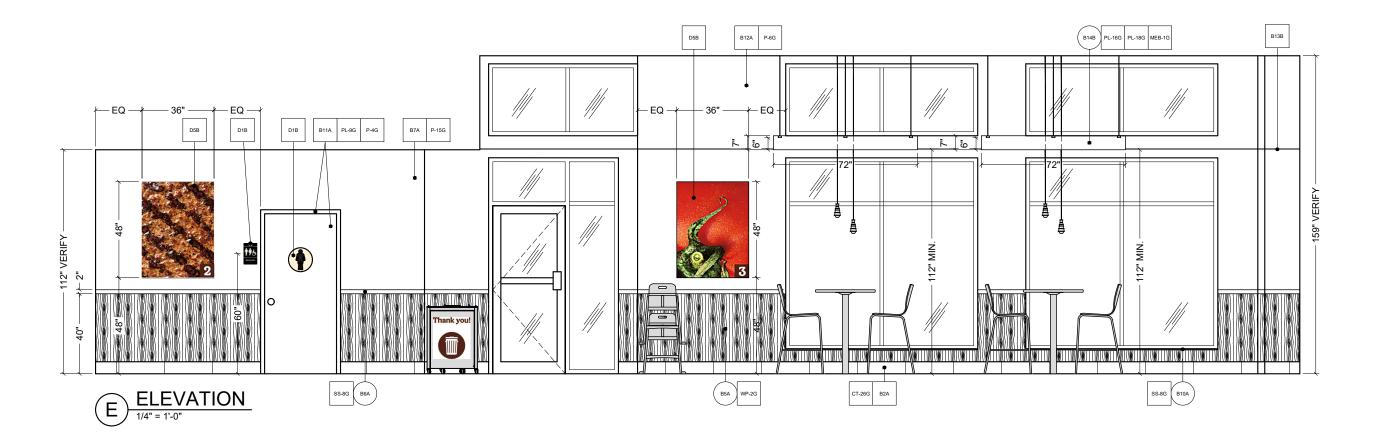
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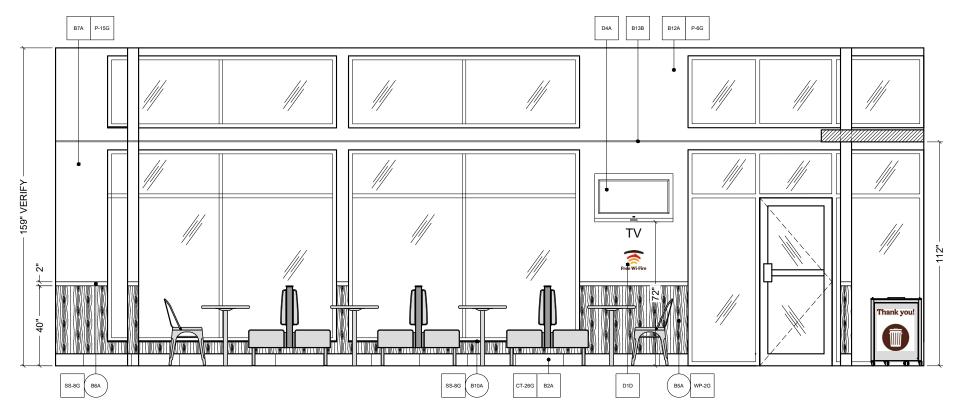
December 7, 2021

PROJECT #:

22834-001

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F <u>ELEVATION</u>
1/4" = 1'-0"

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WORK ORDER NUMBER

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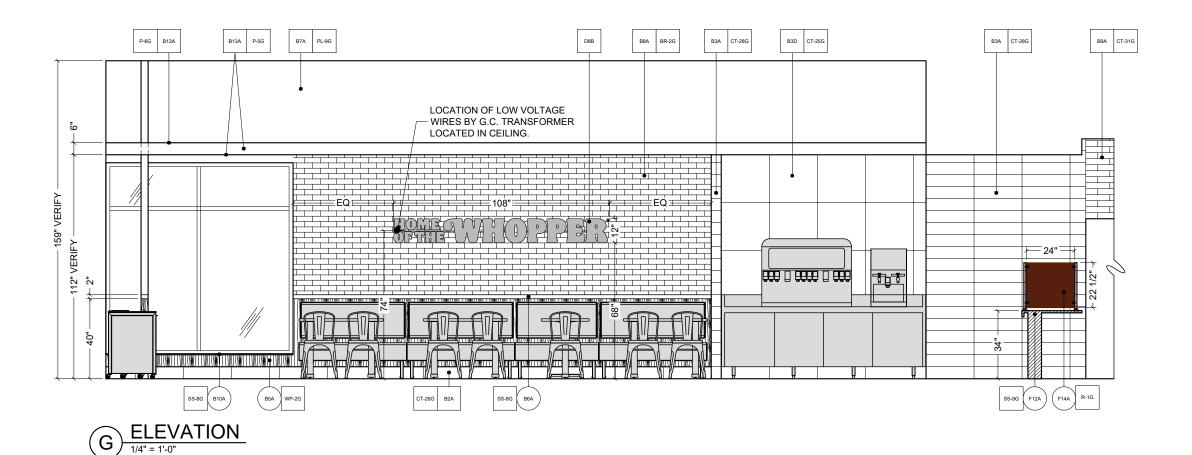
December 7, 2021

PROJECT #:

22834-001

SHEET #:

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CLIENT:



Burger King 322 Pottstown Ave. Pennsborg, PA 18023 Decor: Garden Grill Building Type: ROC-2502T

CUSTOMER
Ampler Development

SHEET TITLE:
INTERIOR BUILDING

ELEVATIONS
WORK ORDER NUMBER:

FINALS BY:

DRAWN BY: Joe Logsdon SCALE:

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ORIGINAL DATE:

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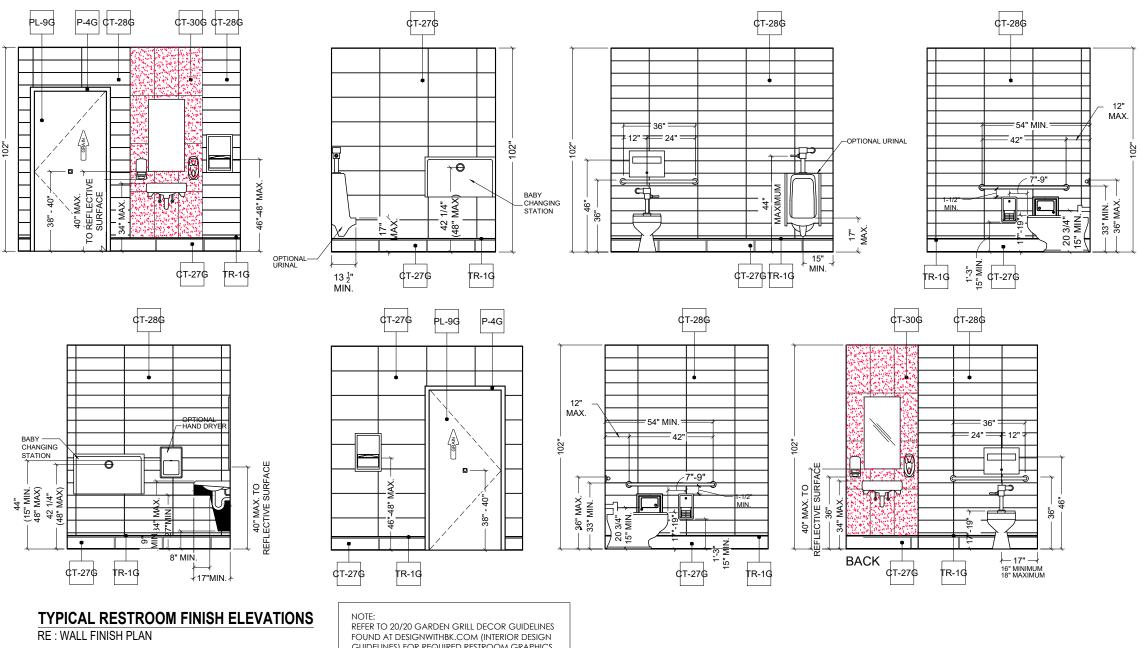
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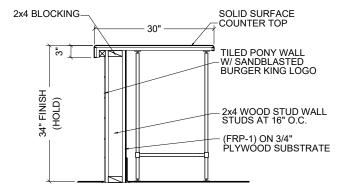
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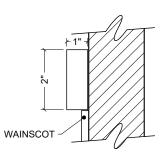
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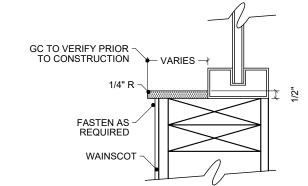
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GUIDELINES) FOR REQUIRED RESTROOM GRAPHICS.







SECTION AT SERVICE COUNTER (F12A)
N.T.S.

SECTION AT CHAIR RAIL (B6A)

SECTION AT WINDOW SILLS (B10A)

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IMPORTANT

CLIENT:



Burger King 322 Pottstown Ave. Pennsborg, PA 18023 Decor: Garden Grill Building Type: ROC-2502T

CUSTOMER **Ampler Development**

SHEET TITLE: INTERIOR BUILDING ELEVATIONS WORK ORDER NUMBER

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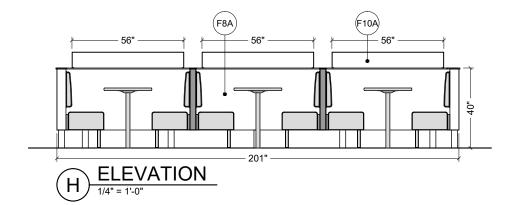
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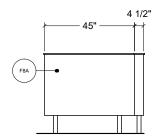
December 7, 2021

PROJECT #:

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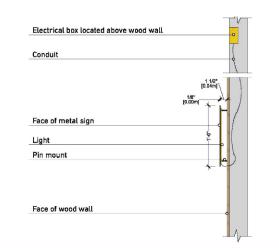
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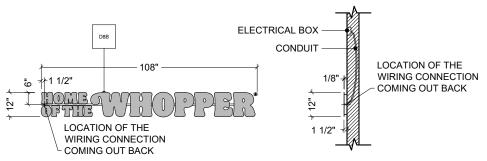


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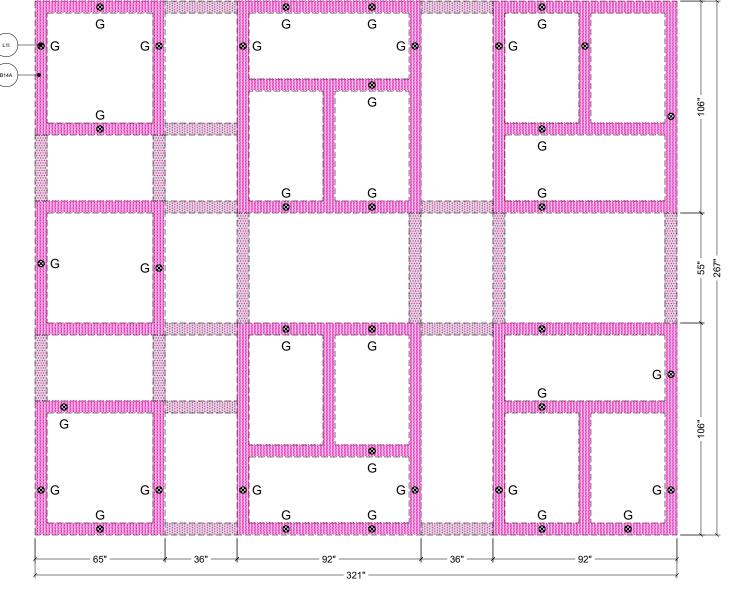
ELEVATION OCCURS (2) TIMES



HOTW Diagram



DETAIL - HOME OF THE WHOPPER - BACKLIT



PLAN VIEW

SIDE VIEW



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Burger King 322 Pottstown Ave. Pennsborg, PA 18023 Decor: Garden Grill Building Type: ROC-2502T

CUSTOMER Ampler Development

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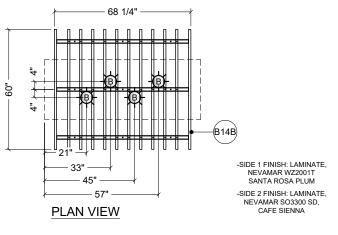
December 7, 2021

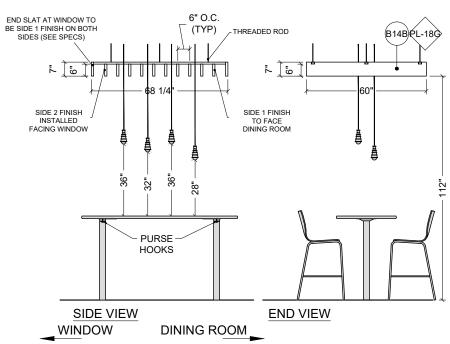
PROJECT #:

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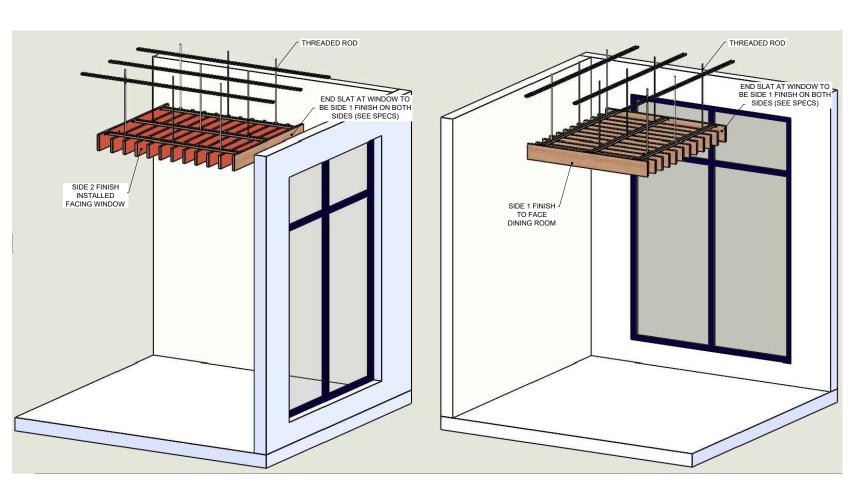
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1/4" = 1'-0"

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IMPORTANT

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CLIENT:



Burger King 322 Pottstown Ave. Pennsborg, PA 18023 Decor: Garden Grill Building Type: ROC-2502T

CUSTOMER
Ampler Development

SHEET TITLE:
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WORK ORDER NUMBER:

FINALS BY:

DRAWN BY: Joe Logsdon SCALE:

1/4" = 1'-0"

ORIGINAL DATE:

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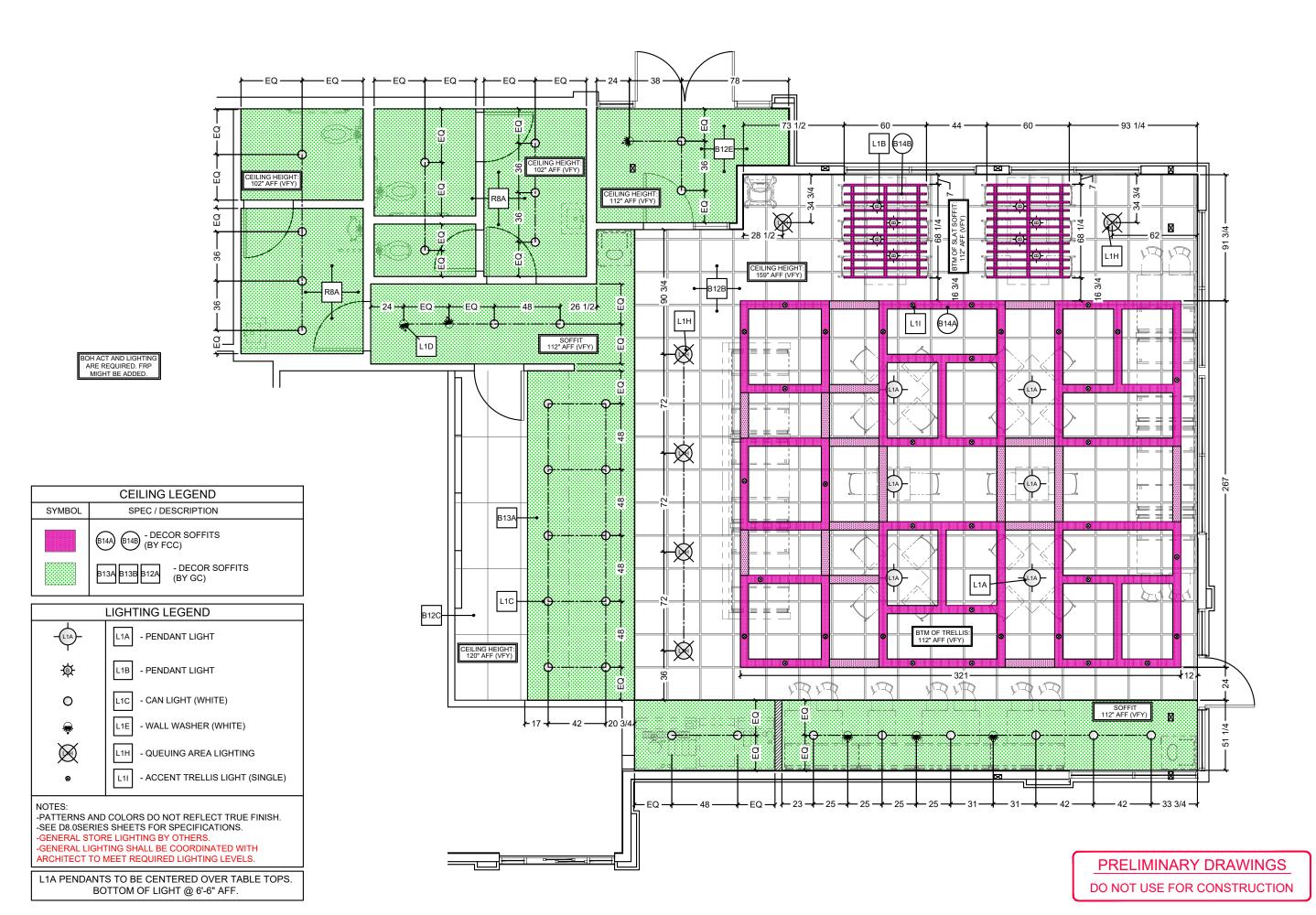
PLOT DATE:

December 7, 2021

PROJECT #:

22834-001

SHEET #: **D3.1**





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CLIENT:



Burger King 322 Pottstown Ave. Pennsborg, PA 18023 Decor: Garden Grill Building Type: ROC-2502T

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:

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PLOT DATE:

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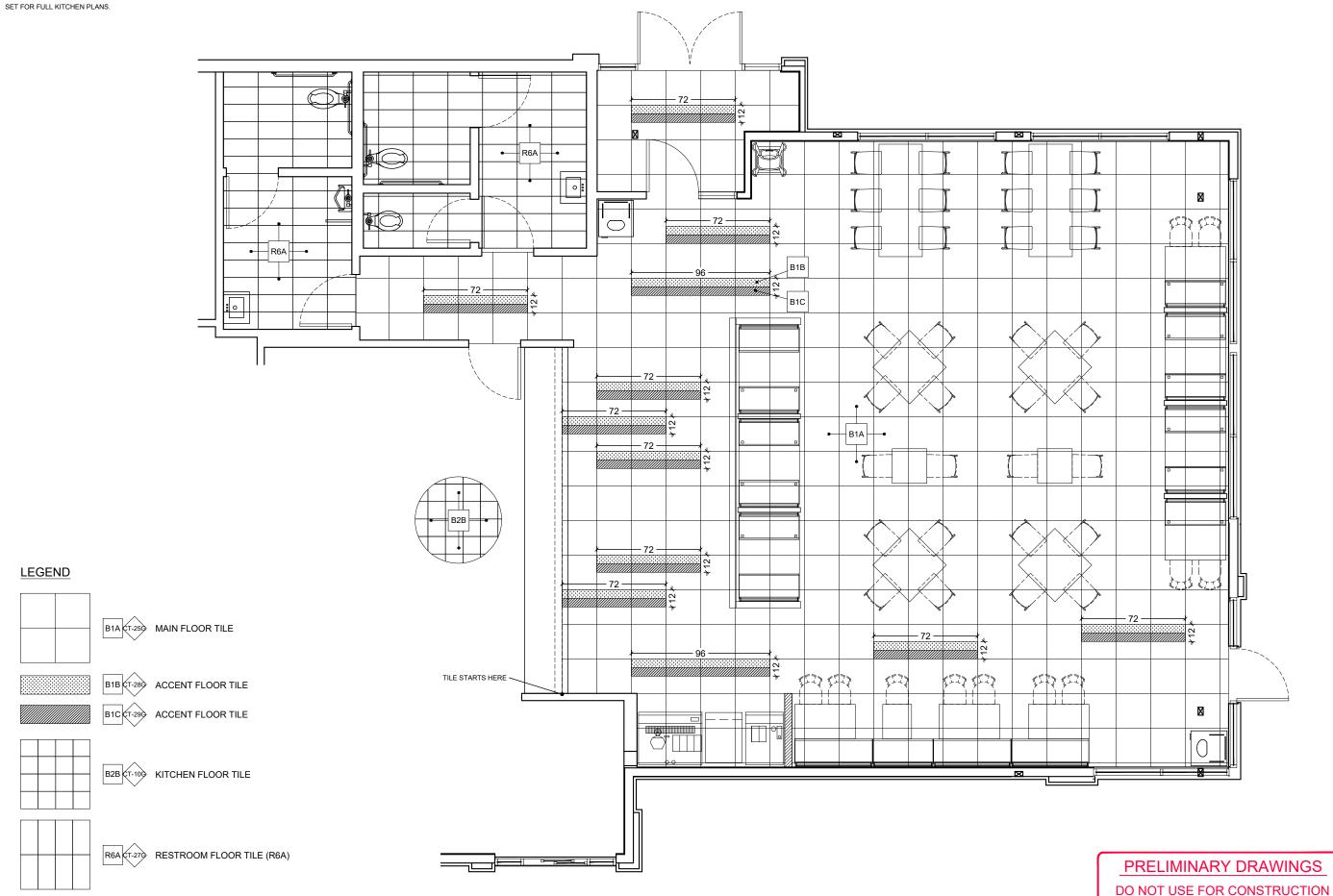
PROJECT #: 22834-001

SHEET #:

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NOTE:

-GENERAL CONTRACTOR IS RESPONSIBLE FOR SUPPLYING AND INSTALLING ALL BACK OF HOUSE TILE. REFER TO ARCHITECTURAL PLAN SET FOR FULL KITCHEN DI ANS





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CLIENT:



Burger King 322 Pottstown Ave. Pennsborg, PA 18023 Decor: Garden Grill Building Type: ROC-2502T

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 7, 2021

PLOT DATE:

December 7, 2021

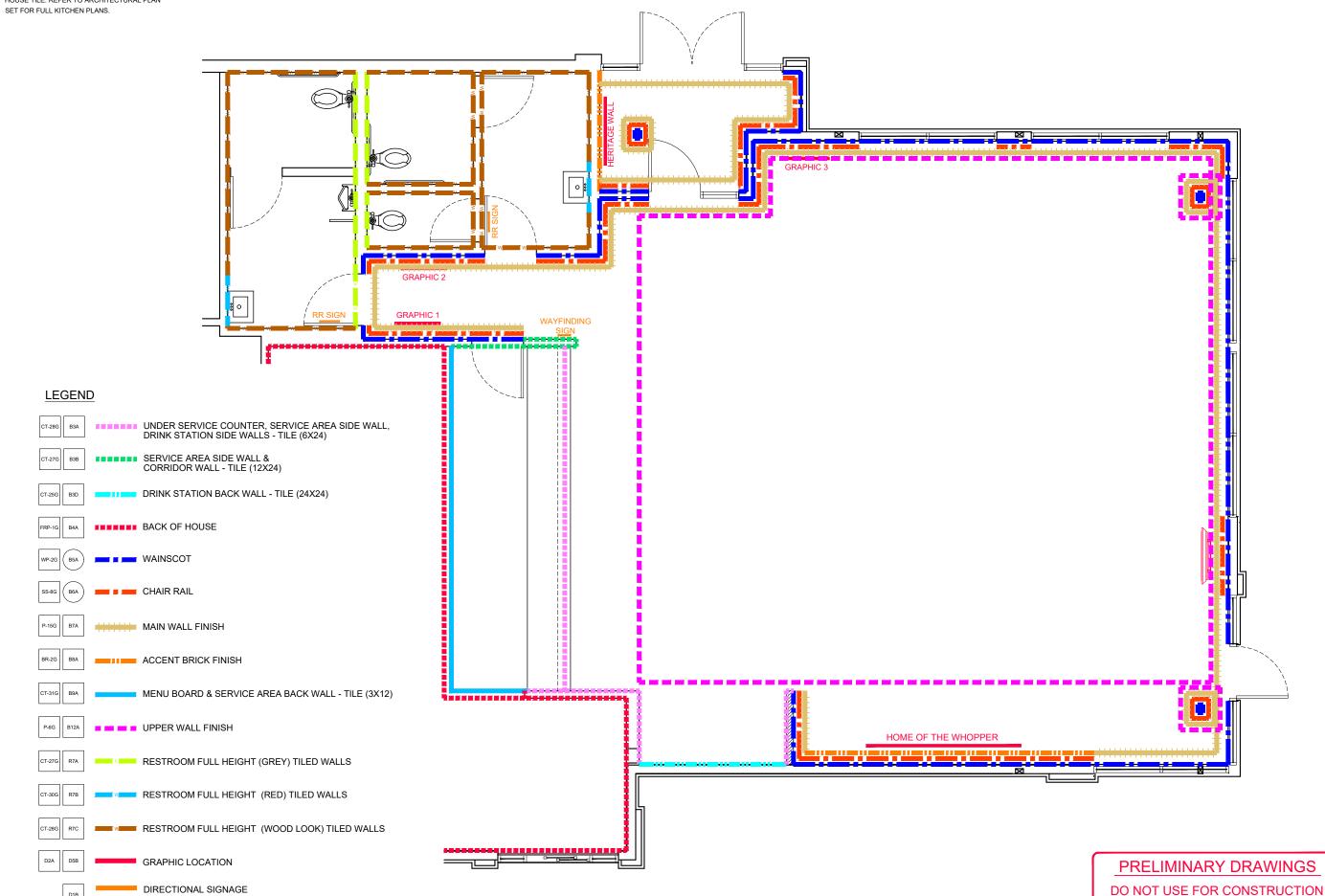
PROJECT #:

22834-001

SHEET #:

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CLIENT:



Burger King 322 Pottstown Ave. Pennsborg, PA 18023 Decor: Garden Grill Building Type: ROC-2502T

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 7, 2021

PLOT DATE:

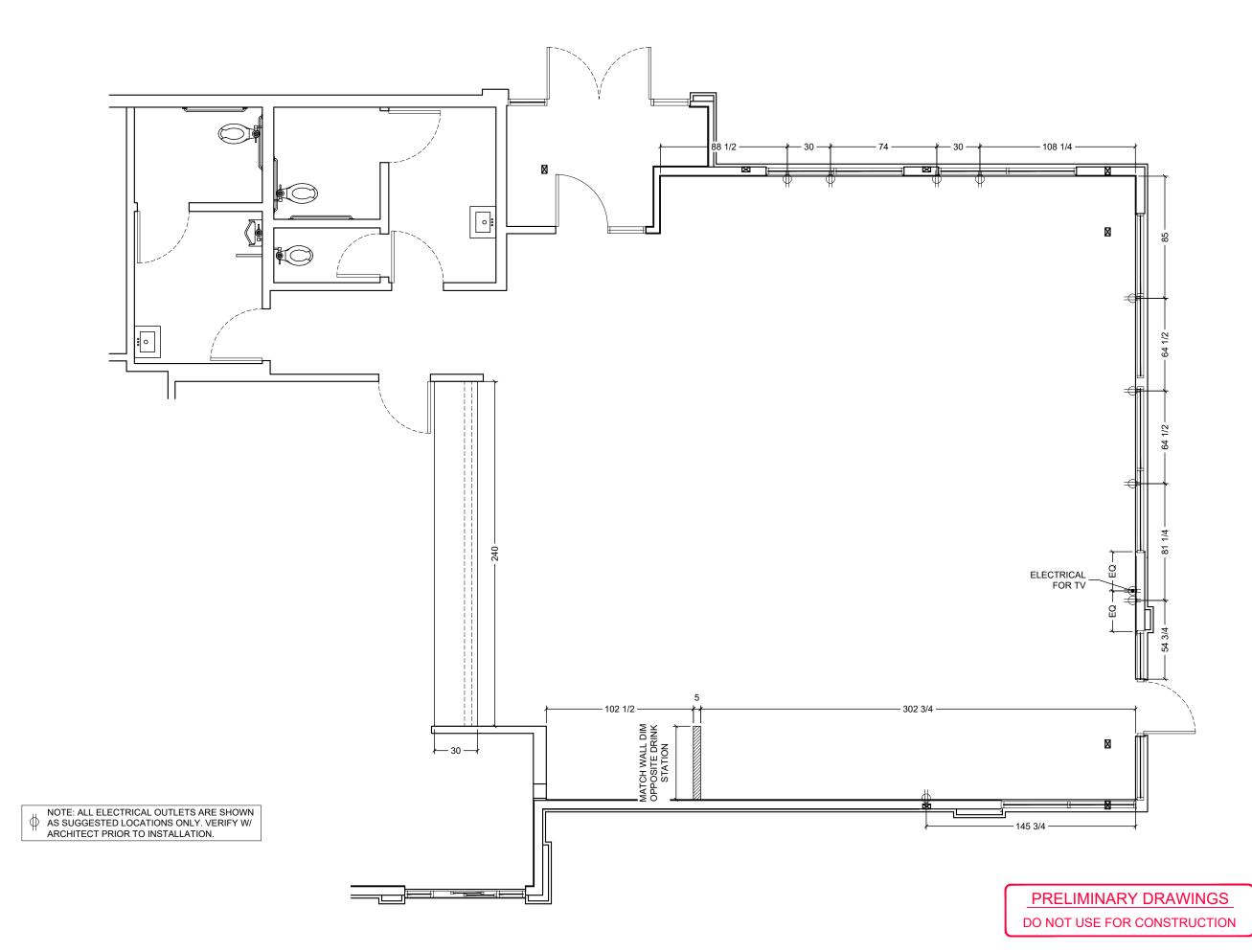
December 7, 2021

PROJECT #:

22834-001

SHEET #:

D6.0





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CLIENT:



Burger King
322 Pottstown Ave.
Pennsborg, PA 18023
Decor: Garden Grill
Building Type: ROC-2502T
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 7, 2021

PLOT DATE:

December 7, 2021

PROJECT #:

22834-001

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.







Compost







Restroom Wayfinding (selection varies based on store layout)























Graphic

IS W

CALLING

AND I MUST GO



The King is Calling Restroom





Wash Hands



Crew Members Must



Hours of Operation

Exterior Billboard

(Not Applicable to Pavilion Bldg.)

Exterior Drive-Thru Panels

(selection varies based on allowable space)





That first bite has everything

Door Push-Pull Decals





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

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IMPORTANT

CLIENT:



Burger King 322 Pottstown Ave. Pennsborg, PA 18023 Decor: Garden Grill Building Type: ROC-2502T

Ampler Development

SHEET TITLE: WAYFINDING SIGNAGE

WORK ORDER NUMBER:

FINALS BY:

DRAWN BY: Joe Logsdon SCALE:

NA

ORIGINAL DATE:

December 7, 2021

PLOT DATE:

December 7, 2021 PROJECT #:

22834-001

SHEET #: D7.1

FCC USA Designed

Customer: Ampler Development Store: Burger King Location: Pennsborg, PA Project Number: 22834-001

Designer: Joe Logson Sales: Randy Moe Date: 12/7/21 Décor: Garden Grill

Enviro nn	n entally Friendly Finishes by FCC Standards	Additional Notes
0	Greenguard Certified	V 11.22.21
PREENCUAND	(Low VOC)	
0	SCS Certified	
	Recycled Content	
pvc _{free} -	PVC Free Upholstery	
green	Crypton Green	
Riceil	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	Installer		BK	
Item	Description	Finish	FCC	Others				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	Crenculano Nevamar
	Booths	Booth Wall: Laminate, Nevamar						TIGE KUNIV
	(wall incl.)	N/WF0011T Macchiato (grain)					PL-15G	Wood Grain to run vertically
	,	Edge Trim: Rehau, Match to Macchiato	i					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	Х			Х		
	Height							Nevamar Nevamar
	Settees	Booth Seat: Vinyl, Maharam						The second second
	(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						
		Legs: Powdercoat, Blackened Steel					MF-1G	
F2A	Table Tops	Style: T0025 (1/8"R)	X			Х		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)						Arrows on floor plan denote
		Edge: Rehau 592E Multiplex 1-5/16"					MEB-1G	table grain location.
F2B	Table Tops	Style: T0027 R (1/8"R) 3 Equal Stripes	X			X		Pionite/Wilsonart
	(center)	1 5/16" Thick Top:						TEENCLIAND
		Left Stripe: Laminate, Nevamar						Table F2B is only applicable on
		WZ2001T Santa Rosa Plum Tree(grain)					PL-16G	tables in the center of the store
		Middle Stripe: Laminate, Nevamar						
		N/WF0011T Macchiato (grain)					PL-15G	
		Right Stripe: Laminate, Nevamar						
		WF0013T Carmel Macchiato Suede (grain	۱)				PL-17G	
		Edge: Rehau 592E Multiplex 1-5/16"					MEB-1G	
F2C	Coffee	Not Applicable						
	Tables							
	(at lounge)							
						L		

			Furniture Items	Sup	plier	Inst	aller	BK	
It	tem	Description	Finish	FCC	Others		Others	Codes	
F	3A	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 Vamish						6 for an 8 seater
			Purse Hooks: Antique Bronze						4 for a 6 seater
F	4A	Bar	Style: Isabel Barstool	Х			Х		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						
			Frame Finish: Powdercoat, Blackened					MF-1G	
			Steel						
			Glides: Black						
F	5A	Standard	Style: Isabel Chair	Х			Х		Contact: 323.319.2722
	0, (Height	Model: 8018-CMC	^			^		Rep: Barry Woon
		Seats	Chair Back & Seat: Laminate, Match					PI -17G	Supplier: Twenty Four 7
		(center)	PL-17G Caramel Macchiato						Cupplier: Twonky Tour 7
		(ochter)	Frame Finish: Powdercoat, Blackened					MF-1G	
			Steel					WII-1G	
			Glides: Black						
F	5B	Standard	Style: Bronze Gale Standard Chair	Х			X		Contact: 323.319.2722
	JD	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					NA	Supplier. Twenty Four 7
		•	With Biolize Fowdercoat						
		seats)	Glides: Rubber						
F	5C	Standard	Not Applicable						
	50	Height	Not Applicable						
		The second secon							
		Lounge Chairs							
		Chairs							
F	6A	High Chairs	Manufacturer: Rubbermaid		Х		х		
	0, (riigii Chans	Style: Sturdy Chair FG-7805, Green		^		^		
			Material: Molded Plastic ASTM F404-04	4					
F	7A	Metal Work	THE RESERVE OF THE PROPERTY OF	X			Х	MF-1G	* Tile grout by GC
ľ		motal from	Control Control Control (Control Control)				_ ^		after steel is installed (typ.)
F	8A	Divider	Style: W0002	Х			Х		(71-7
		Walls	1/2" Top Cap (No Drop): Solid Surface					SS-8G	Wood Grain to run vertically
			Corian, Deep Noctume (matte finish)						
			Sides: Laminate, Nevamar						Corian/Nevamar
			N/WF0011T Macchiato (grain)					PL-15G	INEED GUARD
								MEB-2G	
			Height To Top: 40"						
			Height to Bottom: 9"						
			3						
			Core-Drilled: Powdercoat, Blackened S	teel				MF-1G	
F	9A	Décor	Not Applicable						
		Screens	.,						
		(Option A)							
		<u> </u>							
F	10A	Low	Style: FDWS0081, Metal Frame	Х			Х		For use on divider wall across
		Décor	Finish: Powdercoat, Statuary Bronze,	100			235		from Service Counter
		Screen	038/60080						
_									

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HESE DOCUMENTS REFLECT SPECIFIC SEATING AND FCOR FOLIPMENT ORDERED OF DATE SHOWN BELOW

CLIENT:



Burger King 322 Pottstown Ave. Pennsborg, PA 18023 Decor: Garden Grill Building Type: ROC-2502T

CUSTOMER

Ampler Development

SHEET TITLE: SPECIFICATIONS

WORK ORDER NUMBER:

FINALS BY:

DRAWN BY: Joe Logsdon SCALE:

NTS

ORIGINAL DATE:

December 7, 2021

December 7, 2021

PROJECT #: **22834-001**

22034-U(SHEET #:

D8.0

		F	0	II I	lu = 4	-11 1	DV	
lás	Description	Furniture Items		plier		aller	BK	Nata
Item F11A	Description	Finish Styles Cube (22/44gel)	FCC X	Others	FCC		Codes	Notes
F11B		Style: Cube (33/44gal) Top w/Tray Bumpers: Solid Surface, Corian, Deep Noctume (matte finish) Sides: Laminate, Nevamar WK0017T Venerable Old Oak (grain) Edge: Charter Black Access Door: Laminate, Nevamar WK0017T Venerable Old Oak (grain) Vinyl Signage: "Thank You" Door Edge Pull: Stainless Steel Base Style: Open With Casters - Roll Out Liners Base Color: UFB-551-S2 Matte Black Top Finish: Stainless Steel	x	х		x	SS-8G PL-9G	Interior Trash Cabinet Laminate to Match Exterior Wood Grain to run vertically Corian/Nevamar Optional
	and Condiments	Doors: Stainless Steel						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	X			X	SS-9G	
F13A	Queue Line	Not Applicable						
F14A	Smoothie Surround POS Shroud	Style: 3-Form with Post & Clips Front Panel: 3-Form, Varia Ecoresin, 1/4" gauge, Manifesto w/ brown bkgmd Side Panel: 3-Form, Varia Ecoresin, 1/4" Gauge, brown background only Panel Finish: Sandstone front & back Edge: Polished Post & Clip Hardware: Satin Nickel Not Applicable	х			х	R-1G	S/zes: 48" or 60"
	(optional)							

		Miscellaneous Decor Items	Supp	lier	Instal	ler	BK	
Item	Description	Finish		Others		Others		Notes
D1A	ADA RR	Item: ADA/Braille Sign Mounted on		Х		Х		
1.00	Signs	Wall Next to Restroom Door		5.51		5.5		
D1B	Directional	Wayfinding Sign "Restrooms",		Х		Х		Supplier: Refer to Drawings
	Signage	2. RR Door Signs-Circle of Man/Woman						Contact: Refer to Drawings
	(required)	3. Restroom - "Crew Members						Total Role to Blaminge
	(required)	Must Wash"						
		4. Tray Return (as applicable)						
D1C	Entry	Includes: Door Decal "Hours of Operation	n"	X		х		Supplier: Refer to Drawings
DIC		Door Decal "Push/Pull"	I	^		^		
	Signage	Door Decar Pusii/Puii						Contact: Refer to Drawings
DAD	(required) Wi-Fi	Item : "Free Wi-Fi" vinyl decal		X		X		Committee Defeate Descripes
D1D		1.4		^		^		Supplier: Refer to Drawings
	Decal	Size: Varies Per Store						Contact: Refer to Drawings
	(required)							
D1E	King is	Not Applicable	I					
	Calling							
	RR Decal							
	(required)							
D2A	Heritage	Style: Framed and Matted BK Heritage		X		X		Supplier: Refer to Drawings
	Wall Art	Images						Contact: Refer to Drawings
	(optional)	Color: Black & White						Total Quantity: 6
D2B	Wall Art	Not Applicable						
	Collage							
D2C	Manifesto	Not Applicable, see F14A						
	Graphic							
D3A	Drink Station	Not Applicable						
	Wall Decals	• •						
D4A	Flat	By Owner		Х		Х		
	Screen							
D5A	Wall	Not Applicable						
	Shelves							
D5B	Graphic	Style: Black Metal Framed Print		Х		Х		Supplier: Refer to Drawings
	Panels	Size: 36"W x 48"H	1	••			1	Contact: Refer to Drawings
	(required)	Refer to Drawings for Image Selection	I IS					l land to blawings
	(roganou)	land to be a second to the sec	Ĩ					
D5C	Shelf	Not Applicable	 				 	
	Artwork		I					
	(required*)		I					
D5D	Shelf	Not Applicable	 			1	 	
200	Artwork	, in the state of	I					
	(required*)		I					
D7A	Ordering	Not Applicable	\vdash			1	 	
DIA		Not Applicable	I					
	Kiosk (Opt.)		Ь				Ь	<u> </u>



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CLIENT:



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322 Pottstown Ave.
Pennsborg, PA 18023
Decor: Garden Grill
Building Type: ROC-2502T
CUSTOMER

Ampler Development

SHEET TITLE: SPECIFICATIONS

WORK ORDER NUMBER:

FINALS BY:

DRAWN BY: Joe Logsdon SCALE:

NTS

ORIGINAL DATE:

December 7, 2021

PLOT DATE:

December 7, 2021

PROJECT #:

22834-001

SHEET #: **D8.1**

		Miscellaneous Decor Items	Supp	lier	Instal		BK	
ltem	Description	Finish	FCC	Others	FCC	Others	Codes	
D8A	Metal Signage	Restroom Signage (optional) Flame Grilling Since 1954 (required) (Mount at 70"H AFF on center)		х		Х		Supplier: Nautical Furnishings Contact: Michael Hoglund; 954.771.1100
D8B	Metal Home of the Whopper LED Sign	Lettering: Aluminum, Powdercoat Flat Black Includes LED Lighting Size: 108"W x 12"H		Х		Х		Supplier: Nautical Furnishings Contact: Michael Hoglund; 954.771.1100 Bottom of sign at 68"H AFF
D8C	Order Here & Pick Up Here	Item: Acrylic Sign with White Metal Lettering Mounting: Chain Sign 1: Order Here, 18"W x 10"H Sign 2: Pick Up Here, 21"W x 10"H		х		х		Supplier: Refer to Drawings Contact: Refer to Drawings
D8D	Mobile Order Pick Up Here	Item: Acrylic Sign with Neon Lettering Size: 60"W x 20"H		х		х		Supplier: Nautical Furnishings or APA, refer to drawings for contact
D9A	Have It Your Way LED Sign (optional)	Not Applicable						
D9B	Brown Flame Grilling Crown Sign (optional)	Not Applicable						
D10A	Exterior Drive-Thru Image Panels (required)	Item: 40"W x 54"H Framed Posters Refer to Architecturals for Installation Information		х		х		Qty: 1, 2 or 3 (as space allows) Supplier: Refer to Drawings Contact: Refer to Drawings Not Applicable to Pavilion Bldg
D10B	Exterior Whopper Billboard (Optional)	Item: 120"W x 60"H Vinyl, (size may vary per site) Refer to Architecturals for Installation Information		Х		Х		Qty: 1 Supplier: Refer to Drawings Contact: Refer to Drawings Not Applicable to Pavilion Bldg

		Interior Building Finishes	Sup	plier	Inst	aller	BK	
Item	Description	Finish		Others		Others		Notes
B1A		Manufacturer: Eurowest Item: TCG2424027SQ (floor tile) Color: Simply Gray Honed (rectified) Size: 24"x24" (floor tile) Item: TCG1224027SQ (base tile)		х		х	CT-25G	Floor tile must exceed 0.42 SCOF Minimum (Dry and Wet) Standard per ASTM F1677-05. It must meet Corporate Approved Guidelines and follow ANSI A108.01 and
		Color: Simply Gray Honed (rectified) Size: 6"x24" (cut from 12"x24" field tile) Grout: CBP, Fusion Pro Single Comp., #335 Winter Gray, 1/16"					GR-15G	A108.02. Install: Refer to Plans
B1B	Tile	Manufacturer: Eurowest Item: IRG 0624123 (rectified) Color: Larch US (French Wood) Size: 6"x24" Grout: CBP, Fusion Pro Single Comp.,		х		х	CT-28G GR-15G	Eurowest Contact: 714.309.9551 Rep: Jan Deter Additional supplier(s) available per BKC Finish Schedule
B1C	Tile	#335 Winter Gray, 1/16" Manufacturer: Eurowest Item: IRG 0624122 (rectified) Color: Elm US (French Wood) Size: 6"x24" Grout: CBP, Fusion Pro Single Comp., #335 Winter Gray 1/16"		х		Х	CT-29G GR-15G	Grout Note: Prolite® Premium Large Format Tile Mortar, Rapid Set
B2A	Tile Base	See B1A, See Plans for Usage		X		Х		See Also Architecturals for Details
B2B	Kitchen Floor Tile	Manufacturer: Eurowest Item: TCG1212142, Capitol Gray TX Tile Size: 12" x 12" Cove Base: TCG612C142-6" x 12' base TCG60C142-6" x 1" Comer Grout: CBP, CEG-IG Industrial Grade 100% Solids Epoxy Grout, #370 Dove Gray		X		x		Eurowest Contact: 714.309.9551 Rep: Jan Deter Additional supplier(s) available per BKC Finish Schedule
B2C	Floor Transition Strip	Manufacturer: Schluter Systems Series: Transition Profiles for Floors Schiene (Radius) AE 100-R Finish: Satin Anodized Aluminum Size: 3/8"		х		х		Contact: 786-858-0010 Rep: Rosanna Ruiz
B2D	Floor to Wall Cove Trim (If required)	Manufacturer: Schluter Systems Item: Cove-Shaped Profile, DILEX-HKU Finish: Brushed Stainles Size: 3/8"		х		Х		Note: For Use Only When Required by CA Health Dept. Contact: 786-858-0010 Rep: Rosanna Ruiz
ВЗА	Under Service Counter, Service Area Side Wall,	Manufacturer: Eurowest Item: IRG 0624123 (rectified) Color: Larch US (French Wood)		Х		х		Install: Refer to décor elevations, No base tile Eurowest Contact: 714.309.9551 Rep: Jan Deter Additional supplier(s) available per BKC Finish Schedule
B3B	Tile at Service Area Side & Corridor Wall	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 to floor - no base tile. 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
B3C	Accent Laminate at Service Area	Not Applicable						



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

CLIENT:



Burger King 322 Pottstown Ave. Pennsborg, PA 18023 Decor: Garden Grill Building Type: ROC-2502T

Ampler Development

SHEET TITLE: **SPECIFICATIONS**

WORK ORDER NUMBER:

FINALS BY:

CUSTOMER

DRAWN BY: Joe Logsdon SCALE:

NTS

ORIGINAL DATE: December 7, 2021

PLOT DATE: December 7, 2021

PROJECT #: 22834-001

SHEET #: D8.2

		Interior Building Finishes	Sun	plier	Inst	aller	ВК	
Item	Description	Finish	FCC	Others		Others		Notes
B3D	Tile at Back of	Manufacturer: Eurowest Item: TCG2424027SQ Color: Simply Gray Honed (rectified) Size: 24"x24"		Х		х	CT-25G	Install: Horizontal stacked bond to floor - no base tile. Eurowest Contact: 714.309.9551 Rep: Jan Deter
		Grout: CBP, Fusion Pro Single Comp., #335 Winter Gray 1/16"						Additional supplier(s) available per BKC Finish Schedule Grout Note: Prolite® Premium Large Format Tile Mortar, Rapid Set
B4A	Back of House	Manufacturer: Marlite Series: FRP Symmetrix, A916 G312R Panel Color: White/Black Core, No Top Coat (Grey Score Line) Trim: FRPMOLD BK Nickel Anodized Edge Trim: A570, 8' lengths O/S Trim: A560, 8' lengths		Х		х	FRP-1G TR-3G	Marlite Cust. Serv.: 330.343.6621 Rep: Anita Craig, acraig@marlite.com Option: White Subway Tile, See B9A
		//S Trim: A551, 8' lengths Panel Sizes: 4'x8' or 4' x 10' Seatlant: Gray Sealant 509, WM46651						
B5A	Wainscot (Lower Wall Surface)	Supplier/Item: Marlite, Allure Panel Color: Nevamar, WF001-T Macchiato Panel Size: 4' x 4' Trim: Match to Marlite Macchiato	Х			X	WP-2G	Panel Qty (4' x 4'): 40 Panels Divider Trim AP-30N (9'): 207 LF Edge Trim AP-28N (9'): 36 LF I/C AP-32N (9'): 54 LF O/C AP-34N (9'): 36 LF
		Adhesive: By Others		х		X		S. 5 7 11 5 41 (6). 55 E1
B6A	Chair Rail	Style: FDBC084 Material: Solid Surface, Corian, Deep Nocturne Size: 1" x 2"	Х			Х	SS-8G	Qty. (12'): 105 LF
B7A	Main Wall Finish	Manufacturer: Paint, PPG Primer: 6-4900XI Speedhide Zero VOC Int. Latex Satin Paint: 6-4310XI Speedhide Zero VOC Int Latex Eggshell Color: Ashen, PPG1023-3		х		X		PPG Contact: Daniel Huber, 713.702.3636, daniel.huber@ppg.com Additional supplier(s) available per BKC Finish Schedule
B8A	Accent Brick Finish	Manufacturer: Pine Hall Brick Series: Thin Clad Veneer Color: Old Irvington Size: 7 5/8" x 3 5/8" x 1/2" Grout: Lehigh Hanson, B-12C/B-12, Gingerbread, Ohio River Masonry Sand		х		Х	BR-2G	Install: Horizontal, 50% offset, include base tile to match floor Pine Hall Contact: Preston Steele E-mail: psteele@pinehallbrick.com Additional supplier(s) available Grout Contact: Carl Applebaum, 502-523-2866, carl.applebaum@lehighhanson.com
B8B	Wall Tile Corner Trim	Manufacturer: Schluter Systems Finish: Satin Nickel Anodized Alum. Style: QUADEC Q100AT 3/8"		х		Х	TR-1	Contact: 786-858-0010 Rep: Rosanna Ruiz
В9А	Menuboard & Service Area Back Wall	Manufacturer: Eurowest Item: 1318glosswht1 Color: White, Glossy Size: 3" x 12" Grout: CBP, Fusion Pro Single Comp., #543 Driftwood, 1/8"Th		х		х	CT-31G GR-18G	Install: Horizontal, 50% offset Eurowest Contact: 714.309.9551 Rep: Jan Deter Additional supplier(s) available
B10A		Material: Solid Surface Corian, Deep Noctume Thickness: 1/2"	Х			Х	SS-8G	Qty. (12'): 72 LF

		Interior Building Finishes	Sup	plier	Inst	aller	BK	
Item	Description	Finish	FCC	Others			Codes	Notes
B11A	Interior Doors and Frames	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		х		х	PL-9G P-4G	Install: Wood Grain Runs Vertically Nevamar Contact: 877.726.6526 Rep: John Trulock PPG Contact: Daniel Huber, 713.702.3636, daniel.huber@ppg.com
		Alkyd Semi Gloss Color: Ashen, PPG1023-3						Additional supplier(s) available per BKC Finish Schedule
B11B	Kitchen Door & Frame (Kitchen Side Only)	Not Applicable						
B12A	Open Truss Ceiling & BKoT Upper Wall Finish	Primer: 17-921 Seal Grip Paint: PPG 6-417 Speedhide Zero		Х		х	P-6G	PPG Contact: Daniel Huber, 713.702.3636, daniel.huber@ppg.com Additional supplier(s) available per BKC Finish Schedule
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)	Not Applicable						
B12E	Drywall Ceiling	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 322 Pottstown Ave. Pennsborg, PA 18023 Decor: Garden Grill Building Type: ROC-2502T

Ampler Development

SHEET TITLE: SPECIFICATIONS

WORK ORDER NUMBER:

FINALS BY:

CUSTOMER

DRAWN BY: Joe Logsdon SCALE:

NTS

ORIGINAL DATE:

December 7, 2021 PLOT DATE:

December 7, 2021 PROJECT #:

22834-001

SHEET #:

D8.3

		Interior Building Finishes	Sup	plier	Inst	aller	BK	
Item	Description	Finish	FCC	Others	FCC	Others	Codes	Notes
B14A	Suspended	Finish: Omnova, 3D Laminate	Х			X		Can lights to be installed by GC
	3D Lam	Almond Cherry 508837						in soffit - See RCP for Details
	Trellis	Size: 6"W x 6"H						
		Shroud/Hardware: Powdercoat, Tiger						
		BLM 38/60400, Sudan Brown						
B14B	Slat	Side 1 Finish: Laminate, Nevamar	Х			Х		
	Lam inate	WZ2001T Santa Rosa Plum					PL-16G	Side 2 to be installed
	Soffit	Side 2 Finish: Laminate, Nevamar						facing windows.
		SO3300 SD, Café Sienna					PL-18G	
		Edge: Rehau, 592E Multiplex					MEB-1G	End slat at window to be
		Thickness: 1-1/4" Thick x 6"High						side 1 finish, both sides.
		Hardware: Powdercoat, Tiger, BLM						
		38/60400, Sudan Brown						REENCLIAND
	Vestibule	Interior Finishes	Supp	lier	Instal	ler	BK	
Item	Description	Finish	FCC	Others	FCC	Others	Codes	Notes
V1A	Wainscot	Finishes to Match Dining Room	Х			X		See B5A for Quantity
	(Lower Wall	See B5A for Specification					WP-2G	
	Surface)							
V2A	Chair	Finishes to Match Dining Room	X			Х	SS-8G	See B6A for Quantity
	Rail	See B6A for Specification						
V3A	Main Wall	Finishes to Match Dining Room	Х			Х	P-15G	
	Finish	See B7A for Specification						

	Restroom	Interior Finishes		plier		aller	BK	
ltem	Description	Finish	FCC	Others	FCC	Others	Codes	
R1A	Restroom	Style: Custom Trough Corian Sink		X		X		HJC Corp: barry.bryant@hjcinc.co
	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		X		
		Model: Eurosmart Cosmopolitan						
		Finish: Chrome						
R2A	Stall	Finish: Laminate, Nevamar		Х		X		Install: Wood Grain Runs Verticall
	Doors and	WK0017T Venerable Old Oak (grain)						
	Frames	Frames: Clear Anodized Aluminum					PL-9G	Nevamar Contact: 877.726.6526
		Finish: Paint, PPG						Rep: John Trulock
		Primer: 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						
		Color: Ashen, PPG1023-3						Additional supplier(s) available
								per BKC Finish Schedule
R3A	Soap	Style: Dispenser 6562, Surface		Х		Х		HJC Corp: barry.bryant@hjcinc.co
	Dispenser	Mounted, Tank-type Horizontal Valve						OR Restroom Remodels Co.:
		Finish: Stainless Steel						keith@restroomremodels.com
R3B	Hand	World Dryer: Q-974A or,		Х		Х		
	Dryer	Excel Dryer: XL-BW BMC or,						
		ASI: 10-0135-1						
		Or Approved Hand Dryer Option						
R4A	Urinal	Style: Toto UT104E, TopSpud Inlet,		Х		Х		
		Color: #01 Cotton						
R4B	Toilet	Style: American Standard, Madera,		X		Х		
		16-1/2"H, 1.6gpf, Flushometer sytem						
		with everclean						
R5A	Wall	Style: BOBRICK B-165 2436		Х		Х		
	Mirrors	Channel Frame Mirror		100,700				
R5D	Waste	Not Applicable						
	Receptacle		l					
R5F	Coat	Style: BOBRICK B-6717 Surface		Х		X		
	Hook	Mounted Single Robe Hook, Stainless						
R5G		Style: BOBRICK B-35903		Х		Х		
	Dispenser	Recessed Mounted Towel Dispenser						
R5H	Baby	Style: Koala Kare KB110-SSRE		Х		Х		
	Changing	Finish: Stainless Steel						
	Table	Optional	l					
		Style: Koala Kare KB200-05	1					
		Finish: Polypropylene						
		Optional	Ì					
		Style: Custom Corian	1					
		Finish: Corian, Glacier White	I			1		



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Burger King 322 Pottstown Ave. Pennsborg, PA 18023 Decor: Garden Grill Building Type: ROC-2502T

CUSTOMER Ampler Development

SHEET TITLE: SPECIFICATIONS

WORK ORDER NUMBER:

FINALS BY:

DRAWN BY: Joe Logsdon SCALE:

NTS

ORIGINAL DATE:

December 7, 2021 PLOT DATE:

December 7, 2021

PROJECT #: 22834-001

SHEET #:

D8.4

	Restroom	Interior Finishes	Sup	plier	Inst	aller	BK	
Item	Description	Finish	FCC	Others	FCC	Others	Codes	Note s
R6A	Floor Tile	Manufacturer: Eurowest		Х		Х		Install: Stacked bond
		Item: TCG1224027SQ					CT-27G	Eurowest Contact: 714.309.9551
		Color: Simply Gray Honed (rectified)						Rep: Jan Deter
		Size: 12"x24"						Additional supplier(s) available
		Grout: CBP, Fusion Pro Single Comp.,					GR-15G	per BKC Finish Schedule
		#335 Winter Gray 1/16"						Grout Note: Prolite® Premium
		~						Large Format Tile Mortar,
								Rapid Set
R6B	Cove Base	Item: Schluter, Dilex-AHK100AT		X		Х		Install between floor tile and
	Profile	Finish: Satin Nickel Anodized Alum						base tile
	Trim	Size: 3/8"						Contact: 786-858-0010
								Rep: Rosanna Ruiz
R6C	Base Tile	Item: Schluter, Quadec Q100AT, 3/8"		Х		Х	TR-1G	Install between top of base tile
	Trim	Finish: Satin Nickel Anodized Alum						and wall tile
		Size: 3/8"						
								Contact: 786-858-0010
								Rep: Rosanna Ruiz
R7A	Grey Wall	Manufacturer: Eurowest		X		Х		Install: Horizontal stacked bond
	Tile	Item: TCG1224027SQ					CT-27G	Eurowest Contact: 714.309.9551
		Color: Simply Gray Honed (rectified)						Rep: Jan Deter
		Size: 12"x24"						Additional supplier(s) available
		Grout: CBP, Fusion Pro Single Comp.,					GR-15G	per BKC Finish Schedule
		#335 Winter Gray 1/16"						Grout Note: Prolite® Premium
								Large Format Tile Mortar, Rapid Set
R7B	Red Wall	Manufacturer: Eurowest		Х		Х		Install: Vertical stacked bond
	Tile	Series: Sensible Stone, ED5052					CT-30G	Eurowest Contact: 714.309.9551
		Color: Sign Red Natural						Rep: Jan Deter
		Size: 12"x24"						Additional supplier(s) available
		Grout: CBP, Fusion Pro Single Comp.,					GR-15G	per BKC Finish Schedule
		#335 Winter Gray 1/16"						Grout Note: Prolite® Premium
								Large Format Tile Mortar, Rapid Set
R7C	Wood-look	Manufacturer: Eurowest		X		Х		Install: Horizontal stacked bond
	Wall Tile	Item: IRG 0624123 (rectified)						Eurowest Contact: 714.309.9551
	(light wood)	Color: Larch US (French Wood)					CT-28G	Rep: Jan Deter
		Size: 6"x24"						Additional supplier(s) available
		Grout: CBP, Fusion Pro Single Comp.,					GR-15G	per BKC Finish Schedule
		#335 Winter Gray 1/16"						Grout Note: Prolite® Premium
								Large Format Tile Mortar, Rapid Set
R8A	Ceiling	Finish: Paint, PPG		X		Х		PPG Contact: Daniel Huber,
	Finish	Primer: 6-4900XI Speedhide Zero VOC					P-5G	713.702.3636, daniel.huber@ppg.com
		Int Latex Satin						
		Paint: 6-4310XI Speedhide Zero VOC						Additional supplier(s) available
		Int. Latex Eggshell						per BKC Finish Schedule
		Color: White on White 30GY 88/014		<u> </u>		<u></u>		
		Color: White on White 30GY 88/014						

		Interior Lighting Finishes	Sup	plier	Inst	aller	BK	
Item	Description	Finish	FCC	Others	FCC	Others	Codes	
L1A	Accent	Supplier: Nautical Furnishings		Х		Х		Contact: 954.771.1100
	Pendant	Part #: SP30S-18-60D-927-03 (BK304)					Α	Rep: Michael Hoglund
	Lighting	Finish: Cast Aluminum w/ Orange Acce	nt					
	(center tables)	<i>Lamp:</i> Edison, LED, 10W 2700K						Install bottom of pendant 6'-6" AFF
L1B	Accent	Supplier: Nautical Furnishings		X		Х		Contact: 954.771.1100
	Pendant	Part #: BK305					В	Rep: Michael Hoglund
	Lighting	Finish: Antique Bronze w/ Cage						
	(community	Lamp: Edison LED 8W 2700K or						
	tables)	Clear Antique Style LED, 6W 2700K						Refer to plans for installation heights
L1C	White	Item: 4" Dia White Recessed Downlight		Х		X		Contact: 615.843.3379
	Can Light	Part #: Juno, SP36671-WHTRM						Rep: Wyatt Culver, Hermitage Light.
	(placed in	Size: 4" Downlight					at GWB	Email: wyattc@hlg.co
	drywall soffits)	Trim: White						
L1D	Black	Lamp: 15 Watt, 3000K Not Applicable						
LID		<i>пот Аррисавіе</i>						
	Can Light							
1	(used with ceiling tile							
	only)							
L1E	White	Item: 4" D White Recessed Wallwasher		Х		Х		Contact: 615.843.3379
LIL	Wallwasher	The state of the s		^		^	D4w	Rep: Wyatt Culver, Hermitage Light.
	(placed in	Size: 4" Wallwasher						Email: wyattc@hlg.co
	soffits to	Trim: # 39, White					at GVVD	Linan, wyddoging.co
	highlight walls)	A CONTRACTOR OF THE CONTRACTOR						
L1F	Black	Not Applicable						
	Wallwasher							
	(used with							
	ceiling tile							
	only)							
L1G	Track	Not Applicable						
	Lighting							
	(to accent							
	wall shelves							
	in lounge)							
L1H	Queuing	Item: Queue Area Pendant Light		Х		X		Contact: 847.830.1444
	Area	Part #: SCG-CM-BL-GU24-CR6-800L-					F	Rep: Steve Friedman, Cree Ltg.
	Lighting	30K-120V-GU24CTGA						Email: steve.friedman@cree.com
	(open truss	Item #: SC6CMBLGU24/CR6T-825L-						
1.41	only)	30K/C6RT-TRMBKBB-1		v				Bottom of light to align with FSC Soffit
L1I	Accent	Item: 2" Dia White Recessed Downlight		X		Х		Contact: 615.843.3379
	Trellis	Part #: Juno, SP34378B-9-F1-SN Size: 2"W x 4-1/8" H					G	Rep: Wyatt Culver, Hermitage Light. Email: wyattc@hlg.co
	Lighting	Trim: Satin Nickel						Email: wyaiic@ilig.co
		Lamp: 10 Watt, 3000K						Cut Hole Size: 2-5/8" D
L1J	Accent	Not Applicable				-		Sat Hole Olze. 2 0/0 D
L 10	Trellis	постринавне						
1	Lighting							
1	(Adjustable)							
1	(, tajastabio)							
1								
L1K	Sconce	Not Applicable						
	Light	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
1	(optional)							
1	, , , , , ,							
A 1 11/1		available per BK Light Fixture Schedu	I - A '	I-LI4	1 1	MILL		

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.

PRELIMINARY DRAWINGS

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T. 800.322.7328 | F. 541.673.7441 | WWW.FCCFURN.COI
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THE GENERAL CONTRACTOR MUST NOTIFY FCC COMMERCIAL FURNITURE OF ALL DISCREPANCIES ANDIOR REQUIRED ADJUSTMENTS PRIOR TO STARTING WORK.

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CLIENT:



Burger King 322 Pottstown Ave. Pennsborg, PA 18023 Decor: Garden Grill Building Type: ROC-2502T CUSTOMER

Ampler Development

SHEET TITLE: SPECIFICATIONS

WORK ORDER NUMBER:

FINALS BY:

DRAWN BY: Joe Logsdon SCALE:

NTS ORIGINAL DATE:

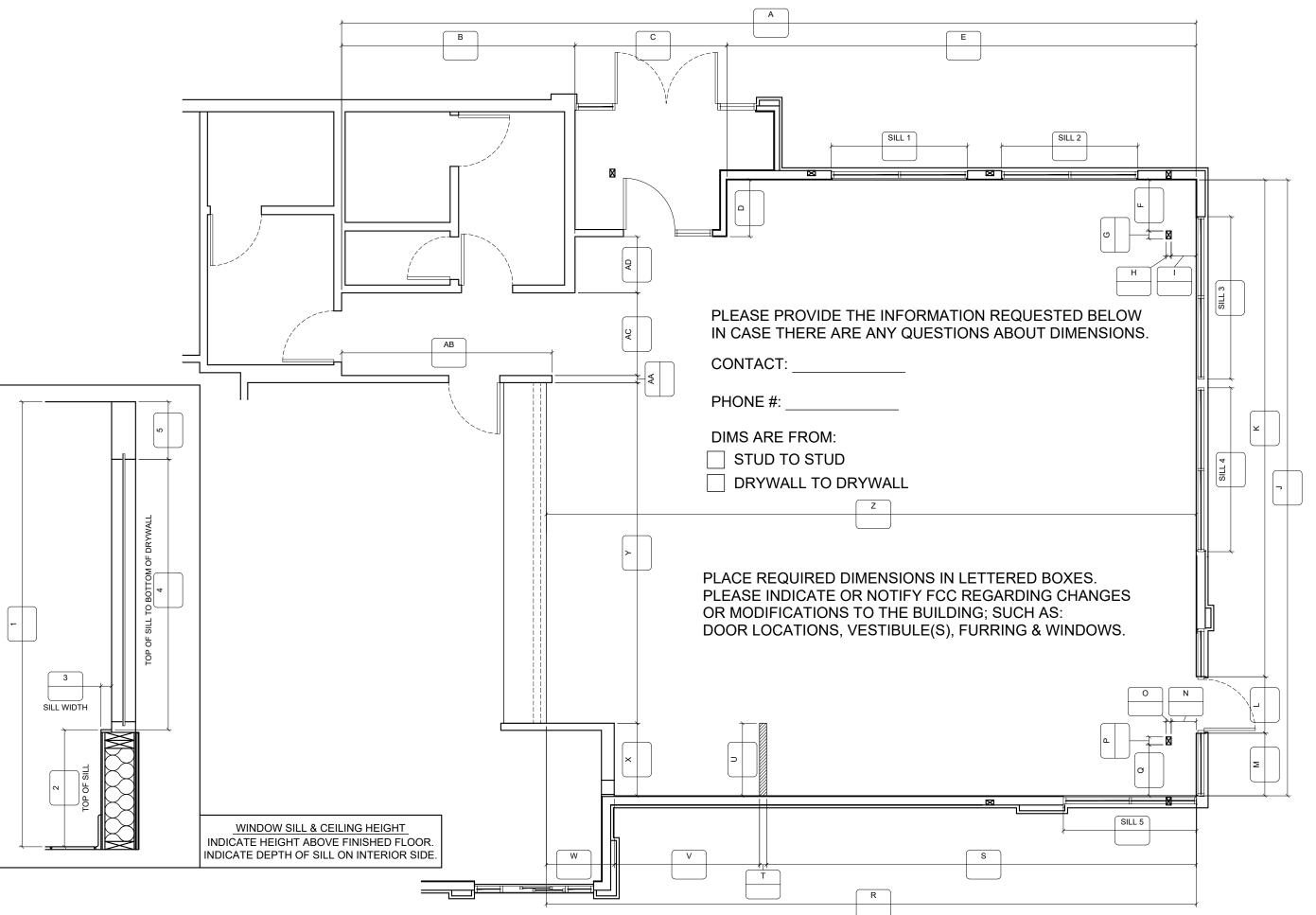
December 7, 2021

PLOT DATE:
December 7, 2021

PROJECT #:

22834-001

SHEET #: **D8.5**





DESIGNED AND BUILT IN U.S.A.

IMPORTANT

CLIENT:



Burger King 322 Pottstown Ave. Pennsborg, PA 18023 Decor: Garden Grill Building Type: ROC-2502T

CUSTOMER Ampler Development

SHEET TITLE: VERIFICATION PLAN

WORK ORDER NUMBER:

FINALS BY:

DRAWN BY: Joe Logsdon

NTS ORIGINAL DATE:

December 7, 2021

PLOT DATE:

December 7, 2021

PROJECT #:

22834-001

D9.0

PLENUMIZED CURB INSTALLATION NOTES 1. CAREFULLY LOCATE AND MARK ROOF CURB LOCATIONS SO THAT DUCT WORK CAN BE INSTALLED IN THE APPROXIMATE LOCATIONS AS SHOWN BY THE FLOOR PLAN. PAY ATTENTION TO THE LOCATION OF THE ROOF STRUCTURE IN ORDER TO ACCOMMODATE THE DUCT DROPS.

2. MARK THE EXACT LOCATION OF EACH ROOF CURB. LAY OUT ALL EQUIPMENT LOCATIONS IN ORDER TO MAINTAIN PROPER CLEARANCES FROM EXHAUST FANS AND VENTS AS WELL AS PROVIDING FOR PROPER SERVICE CLEARANCES.

3. GENERAL CONTRACTOR SHALL CUT ROOF DECKING MATERIAL TAKING CARE TO AVOID CUTTING ANY STRUCTURAL COMPONENTS. GENERAL CONTRACTOR SHALL ALSO INSTALL ANY NECESSARY FRAMING OR BLOCKING AT OPENINGS.

4. WITH ROOF CURB UPSIDE DOWN (SOLID METAL BOTTOM UP) MEASURE AND MARK THE LOCATION OF ANY JOISTS OR OTHER FRAMING MEMBERS THAT MUST BE AVOIDED. MEASURE AND MARK THE LOCATION OF ALL THE DUCT TAPS.

5. CUT ALL DUCT TAPS INTO THE BOTTOM PANEL OF THE ROOF CURB. BE CAREFUL NOT

TO DAMAGE THE ROOFING SURFACE WHILE MAKING THESE CUTS.

6. INSTALL DUCT TAP FITTINGS AND MANUAL DAMPERS INTO THE OPENINGS PREVIOUSLY

CUT. SEAL ALL CONNECTIONS ON BOTH THE BOTTOM AND THE TOP SIDES OF THE TAPS. 7. FLATTEN TAB OF START COLLAR INSIDE CURB, TIGHT AGAINST INSULATION. SEAL INSIDE OF COLLAR AND TABS TO INSULATION USING MASTIC DUCT SEALER. ALLOW SEALER TO DRY PRIOR TO PROCEEDING.

8. APPLY DUCT SEALER TO OPEN END OF COLLAR. SLIDE INNER CORE OF FLEXIBLE DUCT ONTO COLLAR, AND CONNECT PANDUIT STRAP PER MANUFACTURERS INSTRUCTIONS. 9. SLIDE OUTER INSULATION SLEEVE OF FLEX TIGHT TO BOTTOM OF CURB. SEAL INSULATION TO BOTTOM OF CURB WITH PRESSURE-SENSITIVE FOIL TAPE. DO NOT USE TAPE MEANT FOR RIGID DUCTBOARD. SQUEEGEE OUT ALL AIR BUBBLES FOR PROPER

10. TURN CURB RIGHT SIDE UP, LEVEL CURB BETWEEN BOTTOM OF CURB AND DECK, INSTALL IN ROOF OPENING. SECURE CURB TO ROOF FRAMING AS REQUIRED. 11. GENERAL CONTRACTOR OR ROOFING CONTRACTOR SHALL FLASH AND ROOF IN THE CURB AS DETAILED ON THE DRAWINGS.

12. INSIDE BUILDING, THE DUCT RUNS SHALL BE INSTALLED FROM THE TAPS TO THE DIFFUSER LOCATIONS AS SHOWN ON THE PLANS. SUPPORT PER SMACNA AND LOCAL

13. NOTE: IF NECESSARY, FLEX DROPS MAY BE CONNECTED TO TAPS AFTER CURB HAS BEEN INSTALLED. REFER TO STEPS #8 AND #9.

FAN SCHEDULE	E — NO DISCI	HARGE EXTENSI	ON REQUIRED*					
TAG	EF-1	EF-2	EF-3					
MANUFACTURER	соок	СООК	COOK					
MODEL	120 CPS	100 CPS	100C10DH					
LOCATION	ROOF	ROOF	ROOF					
AREA SERVED	BROILER	FRYERS	RESTROOM					
CFM	1100**	800**	300					
STATIC PRESSURE, "WG	1.85"	2.5"	.25					
FAN HORSEPOWER	1.0	1.0	1/25					
FAN RPM	1957	2675	983					
DRIVE	BELT	BELT	DIRECT					
ELECTRICAL REQ. V/ø/HZ	208-230/1/60	208-230/1/60	120/1/60					
ROOF OPENING	22"X22"	22"X22"	13.5"X13.5"					
ROOF CURB	YES	YES	YES					
BACKDRAFT DAMPER	NO	NO	YES					
BIRDSCREEN	NO	NO	YES					
GREASE TROUGH	YES	YES	NO					
DISCHARGE DESIGNATION *	* UP BLAST	* UP BLAST	CENTRIFUGAL DOWN BLAST					
INTERLOCK	YES	YES	NO					
		** SEE AIR BALANCE SCHEDULE						

ANNUNCIATOR TIED INTO SMOKE DETECTOR. (TYP. 4)

	AIR DEVICE SCHEDULE									
SYM.	SIZE	TYPE	DUCT SIZE	MODEL#	FINISH	BOOT SIZE	OPENING SIZE	QTY.		
A*	24X24	SUPPLY 4 WAY	12 " ø	NCA12	WHITE	12 " ø	T-BAR	12		
B*	24X24	SUPPLY 3 WAY **	12"ø	NCA12-3	WHITE	12 " ø	T-BAR	3		
C*	24X24	SUPPLY 2 WAY (PARALLEL)	12"ø	NCA12-2P	WHITE	12 " ø	T-BAR	2		
D	12X12	SUPPLY 1 WAY W/O.B.D.	8"ø	630	WHITE	12X12	SIZE + 1/4"	1		
E	12X12	SUPPLY 1 WAY W/O.B.D.	6"ø	630	WHITE	12X12	SIZE + 1/4"	2		
F	24X24	RETURN	18"ø	630TB	WHITE	22X22	T-BAR	3		
G	G 12X12 EXHAUST 6"Ø 630 WHITE 12X12 SIZE + 1/4" 4									

INSTALLER WILL ENSURE PROPER INSTALLATION OF DIFFUSERS. CONTACT THE NCA CONSULTANTS PROJECT

COORDINATOR IMMEDIATELY WITH ANY CONFLICTS THAT PREVENT INSTALLATION PER THE PROPOSED DESIGN.

SYM.	SIZE	TYPE	DUCT SIZE	MODEL#	FINISH	BOOT SIZE	OPENING SIZE	QTY.	
A* B*	24X24 24X24	SUPPLY 4 WAY SUPPLY 3 WAY **	12"ø 12"ø	NCA12 NCA12-3	WHITE WHITE	12"ø 12"ø	T-BAR T-BAR	12 3	
C*	24X24	SUPPLY 2 WAY (PARALLEL)	12"ø	NCA12-2P	WHITE	12 " ø	T-BAR	2	
D	12X12	SUPPLY 1 WAY W/O.B.D.	8"ø	630	WHITE	12X12	SIZE + 1/4"	1	
Ε	12X12	SUPPLY 1 WAY W/O.B.D.	6"ø	630	WHITE	12X12	SIZE + 1/4"	2	
F	24X24	RETURN	18"ø	630TB	WHITE	22X22	T-BAR	3	
G	12X12	EXHAUST	6"ø	630	WHITE	12X12	SIZE + 1/4"	4	
* PR(** PF	ALL DIFFUSERS SHALL BE MANUFACTURED BY METALAIRE OR EQUIVALENT AND 100% ALUMINUM CONSTRUCTION * PROVIDE WITH PVCR9 SLIDING—BLADE DAMPER ** PROVIDE WITH ONE 24X24 LAY—IN FRAME FOR INSTALLATION OF 'B' IN SHEETROCK CEILING NOTE: LOCATION AND ORIENTATION OF DIRECTIONAL BLOW PATTERN DIFFUSERS IN THE KITCHEN IS CRITICAL.								

	AIR BALANCE SCHEDULE								
TAG	SUPPLY AIR	OUTSIDE AIR	RETURN AIR	EXHAUST AIR	BLDG. PRESSURE	% OUTSIDE AIR			
RTU-1	3000 CFM	750 CFM	2250 CFM		+ 750 CFM	25			
RTU-2	2000 CFM	500 CFM	1500 CFM		+ 500 CFM	25			
RTU-3	2000 CFM	500 CFM	1500 CFM		+ 500 CFM	25			
RTU-4	3000 CFM	750 CFM	2250 CFM		+ 750 CFM	25			
1									
EF-1				1100 CFM**	- 1100 CFM				
EF-2	-2 800 CFM** - 800 CFM								
EF-3	-3								
TOTAL	10000 CFM	2500 CFM	7500 CFM	2200 CFM	+ 300 CFM	25			
MOTOR A MOTOR, FOLLOWS CURRENT WITHIN S MORE TH OPERATION	TOTAL 10000 CFM 2500 CFM 7500 CFM 2200 CFM + 300 CFM 25 NOTE: UPON START-UP VERIFY THAT THE EXHAUST FAN CURRENT SENSOR IS SET TO THE MOTOR AMPERAGE. IF IT IS NECESSARY TO ADJUST THE AMPERAGE OF THE EXHAUST HOOD FAN MOTOR, THE FAN MOTOR CURRENT SENSOR MUST BE RESET BY THE ELECTRICAL CONTRACTOR AS COLLOWS: ADJUST UNDERCURRENT POTENTIOMETER TO MINIMUM (CLOCKWISE IS MAXIMUM.) APPLY CURRENT. ONCE CURRENT IS STABILIZED, INCREASE UNDERCURRENT POT UNTIL RED LED LIGHTS. WITHIN SEVEN SECONDS TURN DOWN UNTIL RED LIGHT TURNS OFF. IF A LIGHT REMAINS ON FOR MORE THAN TEN SECONDS, DISCONNECT SUPPLY VOLTAGE TO RESET. SEE MANUFACTURERS OPERATION—INSTALLATION INSTRUCTIONS THAT SHIP WITH THE FAN. WITH LIMITED BUILDING PRESSURE, THE ±10% TOLERANCE IS NOT ACCEPTABLE. SET CFM AS SPECIFIED. ENSURE THAT EXHAUST FAN PULLEY IS ADJUSTED FOR PROPER ALIGNMENT.								

OFFSETS. TRUSSES CLOSEST TO THE EXHAUST RISERS MUST BE

SPACED SO THAT NO ADDITIONAL OFFSETS ARE NEEDED. FIELD VERIFY AND COORDINATE WITH GENERAL CONTRACTOR (TYP. 2.)

RTU-1,2,3,4
RTU-2,3
CARRIER
48HCEA06 (5 TON)
ROOF, 67" X 37"
NATURAL GAS
61.9
47.7
80/67
95
2000
SEE SCHEDULE
0.75
2.24
15.2 (S.E.E.R.)
82/115
66/93
750
208-230/3/60
26.5
40
_

1 100% FCONOMISER WITH BAROMETRIC RELIFE

2. NCA PLENUMIZED CURB. TO ORDER CALL TOLL—FREE (877) 530—0078. 3. ONE YEAR COMPLETE PARTS AND LABOR WARRANTY

4. ADDITIONAL FOUR YEAR PARTS WARRANTY COVERING COMPRESSORS 5. SMOKE DETECTOR (SEE HVAC ROOF PLAN, SHEET M-2)

6. AQUAGUARD AG-3180E MOISTURE SENSOR FOR PRIMARY PAN NOTE: COORDINATE RTU PLACEMENT ON SITE PRIOR TO SETTING EQUIPMENT. IF ADJUSTMENT IS NECESSARY MAINTAIN FRESH AIR INTAKE CLEARANCES

HVAC SYSTEM

CONSULTANTS/GROUP NATIONAL CORPORATE ACCOUNT SERVICES, INC. DRAWINGS SHOWN ARE FOR PROTOTYPICAL CONSIDERATIONS ONLY. SITE-SPECIFIC DESIGN IS REQUIRED BY BURGER KING CORPORATION. AS A COURTESY, NCA CONSULTANTS PROVIDES

SITE-SPECIFIC DESIGN WITH SITE-SPECIFIC PROFESSIONAL ENGINEER SEAL UNDER AN AGREEMENT BETWEEN NCA CONSULTANTS AND BURGER KING CORPORATION. FOR SITE—SPECIFIC DESIGN, ARCHITECTS EMAIL REFLECTED CEILING PLAN, ELEVATIONS, KITCHEN PLANS, FLOOR PLAN, SITE PLAN, EXTERIOR ELEVATIONS, AND ROOF STRUCTURAL PLAN TO DESIGN@NCACONSULTANTS.COM TO CONTACT THE NCA CONSULTANTS BY PHONE, CALL TOLL-FREE (877) 530-0078.

 $\overline{\mathsf{ITENTION}}$ GENERAL CONTRACTOR: "re-engineering" deviations from the shown design and REQUIRED HVAC EQUIPMENT MUST BE APPROVED IN ADVANCE BY THE ARCHITECT AND PROFESSIONAL ENGINEER. UNAUTHORIZED SUBSTITUTIONS OR ALTERATIONS WILL VOID THE SIGNATURE AND SEAL OF THE PROFESSIONAL ENGINEER AND LEAVE VIOLATORS RESPONSIBLE FOR RESUBMISSION OF SIGNED AND SEALED DRAWINGS.

CONTRACTORS NOTES

1. THE HVAC CONTRACTOR SHALL FURNISH AND INSTALL THE HVAC SYSTEM AS SHOWN IN THE NCA HVAC EQUIPMENT PACKAGE NOTE, THIS SHEET.

2. THE HVAC CONTRACTOR SHALL INSTALL THE EXHAUST HOOD. REFER TO MOST RECENT KITCHEN PLANS ON SITE. INSTALL ALL EXHAUST DUCT PER MANUFACTURERS INSTALLATION INSTRUCTIONS. SEE SHEET M-3. VERIFY LOCATION ON SITE WITH MOST RECENT KITCHEN EQUIPMENT PLAN.

3. ALL AIR CONDITIONING UNIT CURBS SHALL BE SUPPLIED BY NCA CONSULTANTS. 4. ALL AIR CONDITIONING UNIT CURBS SHALL BE FABRICATED BY NCA CONSULTANTS FROM 18 GA. GALVANIZED METAL WITH WELDED SEAMS, WATER TIGHT AND INTERNALLY INSULATED.

5. SHIMS SHALL BE PROVIDED BY HVAC CONTRACTOR BETWEEN THE ROOF DECK AND THE CURB AS NEEDED TO COMPENSATE FOR ROOF PITCH. 6. ALL FLEX DUCT SHALL BE FOIL-BACKED, R-6, U.L. LISTED, CLASSIFIED AS A CLASS 1 AIR DUCT, AND

MEET LOCAL CODE REQUIREMENTS. 7. EXCLUDING ANY EXPOSED DUCTWORK, ALL NON-FLEXIBLE DUCT AND ALL AIR DISTRIBUTION DEVICES SHALL BE INSULATED WITH R-6, 2" X .75 DENSITY FOIL-BACKED INSULATION, WITH FIRE AND SMOKE

RATING [25]-[50]. 8. ALL DUCTWORK SHALL BE INDEPENDENTLY HUNG FROM STRUCTURAL MEMBERS.

9. ALL DUCTWORK SHALL BE FABRICATED AND INSTALLED PER SMACNA LOW-VELOCITY DUCT MANUAL (LATEST ISSUE).

10. UNLESS OTHERWISE NOTED, EVERY SUPPLY TAP COLLAR SHALL HAVE A LOCKING MANUAL VOLUME DAMPER.

11. THE HVAC CONTRACTOR SHALL COORDINATE DIFFUSER LOCATIONS ON SITE WITH THE MOST RECENT REFLECTED CEILING PLAN. 12. THE HVAC CONTRACTOR SHALL FURNISH A WRITTEN GUARANTEE COVERING A ONE-YEAR PERIOD FOR ALL EQUIPMENT AND AN ADDITIONAL FOUR-YEAR PERIOD FOR THE COMPRESSORS IN THE AIR

13. UPON COMPLETION OF PROJECT THE HVAC CONTRACTOR SHALL HIRE AN A.A.B.C. OR N.E.B.B. CERTIFIED, INDEPENDENT TEST AND BALANCE COMPANY TO CONDUCT A COMPLETE, CERTIFIED TEST AND BALANCE OF ALL HVAC EQUIPMENT. PROVIDE A WRITTEN REPORT TO NCA CONSULTANTS. ALL CAPACITIES MUST BE SET TO AMOUNTS INDICATED ON THE FLOOR PLANS AND SCHEDULES.

CONDITIONING UNITS.

15. THE HVAC CONTRACTOR SHALL VERIFY LOCATIONS OF THE EXHAUST HOOD AND EF-1 FROM MOST RECENT KITCHEN EQUIPMENT PLANS ON SITE. THIS IS TO ENSURE NO OFFSETS IN EXHAUST DUCTWORK. 16. HVAC CONTRACTOR IS TO MAKE ALL LOW-VOLTAGE WIRING FINAL CONNECTIONS FOR ALL HVAC EQUIPMENT INCLUDING SENSORS, THERMOSTATS, AUDIO-VISUAL ANNUNCIATORS, ROOF-TOP UNITS, SMOKE DETECTORS, CONTACTOR PANEL, AND CONTROL PANEL.

1. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO RECEIVE, OFFLOAD, AND STORE ALL HVAC

MATERIALS WHICH ARRIVE AT THE JOB SITE. HOODS MUST BE STORED IN THE KITCHEN. 2. IT IS VERY IMPORTANT THAT ACCURATE MEASUREMENTS ARE USED WHEN LOCATING EXHAUST FAN ROOF OPENING TO ENSURE THAT NO OFFSETS ARE REQUIRED IN THE EXHAUST DUCTWORK FROM THE KITCHEN HOOD. COORDINATE ROOF OPENINGS WITH THE KITCHEN EQUIPMENT PLAN AND EXHAUST HOOD PLANS. OBTAIN THE CORRECT PLANS FROM THE KITCHEN EQUIPMENT SUPPLIER.

3. RTU ROOF OPENING SIZES AND ROOF CURBS ARE BASED ON EQUIPMENT SHOWN. IF OTHER EQUIPMENT IS USED, VERIFY ROOF OPENING REQUIREMENTS. MAKE PENETRATION AS NEEDED FOR INSTALLATION OF NEW CURB AND RTU. COORDINATE ON SITE WITH HVAC CONTRACTOR. ENSURE THAT ROOFING MATERIAL DOES NOT COVER THE TOP OF ANY HVAC EQUIPMENT CURB.

4. ANY FRAMING REQUIRED FOR HVAC WORK SHALL BE BY THE GENERAL CONTRACTOR.

5. GENERAL CONTRACTOR IS TO PROVIDE ANY SCREENING, GUARD RAILS, ETC. FOR ROOF-MOUNTED HVAC EQUIPMENT PER IBC AND LOCAL CODES. 6. ANY EXPOSED HVAC WORK IN THE DINING ROOM IS TO BE PRIMED AND PAINTED BY THE GENERAL

CONTRACTOR. 7. GENERAL CONTRACTOR IS TO ENSURE THAT THE ROOF TRUSSES CLOSEST TO THE EXHAUST RISERS FOR THE HOODS ARE SPACED 28" CENTER TO CENTER SO THAT THE EXHAUST STACKS - WHICH BY DESIGN CANNOT BE OFFSET — WILL BE INSTALLED PLUMB. CONFIRM ON SITE WITH HVAC CONTRACTOR AND MOST-RECENT KITCHEN EQUIPMENT/HOOD PLANS.

ELECTRICAL CONTRACTOR

1. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL PITCH POCKETS FOR POWER AND CONTROL WIRING TO MAINTAIN 12" MINIMUM CLEARANCE FROM BACK PANEL OF AIR CONDITIONING UNITS AND EXHAUST FANS. <u>ELECTRICAL CONTRACTOR SHALL NOT PENETRATE BOTTOM OF RTU CURB AND EXHAUST</u>

2. THE ELECTRICAL CONTRACTOR SHALL INSTALL THE CONTACTOR PANEL, ON-OFF PANEL, AND LOW-VOLTAGE CONTROL WIRING FOR ALL AIR CONDITIONING UNITS AND CONTROLS. COORDINATE AIR CONDITIONING AND ELECTRICAL PLANS. <u>VERIFY WHETHER ENERGYWISE OR SUNCOAST PANEL IS USED ON ARCH. SHEET E-5</u>. FOR PROJECTS WITHOUT A PANEL THE ELECTRICAL CONTRACTOR WILL INTERLOCK THE COOKING APPLIANCE AND HVAC EQUIPMENT PER NFPA96.

3. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL DISCONNECTS FOR ALL HVAC EQUIPMENT. 4. THE ELECTRICAL CONTRACTOR SHALL USE A MINIMUM OF 4'-6" SEALTITE FLEXIBLE CONDUIT WHEN WIRING KITCHEN HOOD EXHAUST FANS ON ROOF SO THAT FANS MAY BE REMOVED FROM CURBS AND PLACED ON ROOF FOR CLEANING EXHAUST DUCTWORK.

5. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ANY ADDITIONAL INTERLOCK REQUIRED BY LOCAL CODE BETWEEN THE HVAC EQUIPMENT, SMOKE DETECTORS, EXHAUST FANS, AND COOKING APPLIANCES. 6. ELECTRICAL CONTRACTOR SHALL RUN LINE VOLTAGE FROM THE CURRENT SENSOR LOCATED IN THE

GREASE EXHAUST FAN TO THE CONTACTOR PANEL LOCATED BY THE SWITCHGEAR. 7. FOR EACH UNIT, THE ELECTRICAL CONTRACTOR SHALL PROVIDE ONE SINGLE—GANG RECEPTACLE TEST STATION FOR THE T-STAT, AND ONE DOUBLE-GANG RECEPTACLE TEST STATION FOR THE ANNUNCIATOR, WITH GREEN AND RED LIGHT INDICATORS. THE FIRE AND MECHANICAL INSPECTORS WILL DETERMINE SUITABLE LOCATION FOR TEST STATIONS. ANNUNCIATORS AND TEST STATION WILL BE LOOPED IN THE CIRCUITRY OF THE SMOKE DETECTION DEVICES. WIRING WILL BE INSTALLED BY ELECTRICAL CONTRACTOR.

1. THE PLUMBING CONTRACTOR IS TO PROVIDE AND INSTALL PITCH POCKETS FOR CONDENSATE DRAINS/GAS PIPING FOR ALL A/C UNITS AND EXHAUST FANS. PLUMBING CONTRACTOR SHALL NOT PENETRATE BOTTOM OF RTU CURB.

2. THE PLUMBING CONTRACTOR TO COORDINATE PLUMBING VENT STACKS WITH OUTSIDE AIR INTAKES OF A/C UNITS. MAINTAIN 10'-0" MINIMUM CLEARANCE OR PER LOCAL CODE.

3. THE PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL FLUE GAS EXHAUST VENT FOR WATER HEATER. MAINTAIN 10'-0" MINIMUM HORIZONTAL OR 3' VERTICAL CLEARANCE TO AIR INTAKES.

UPON COMMENCEMENT OF ROUGH-IN AS SCHEDULED BY NCA CONSULTANTS, THE AIR CONDITIONING CONTRACTOR IS TO REMAIN ON THE JOB SITE FULL TIME UNTIL THE ROUGH-IN IS 100% COMPLETE. THE GENERAL CONTRACTOR'S SITE SUPERINTENDENT WILL VERIFY.

UPON COMMENCEMENT OF TRIM-OUT AS SCHEDULED BY NCA CONSULTANTS, THE AIR CONDITIONING CONTRACTOR IS TO REMAIN ON THE JOB SITE FULL TIME UNTIL THE TRIM-OUT IS 100% COMPLETE. THE GENERAL CONTRACTOR'S SITE SUPERINTENDENT WILL VERIFY.

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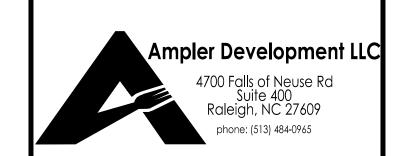
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Burger King Inc. Store #

322 Pottstown Ave Pennsburg, PA 18073

Montgomery County

Project Name & Location:

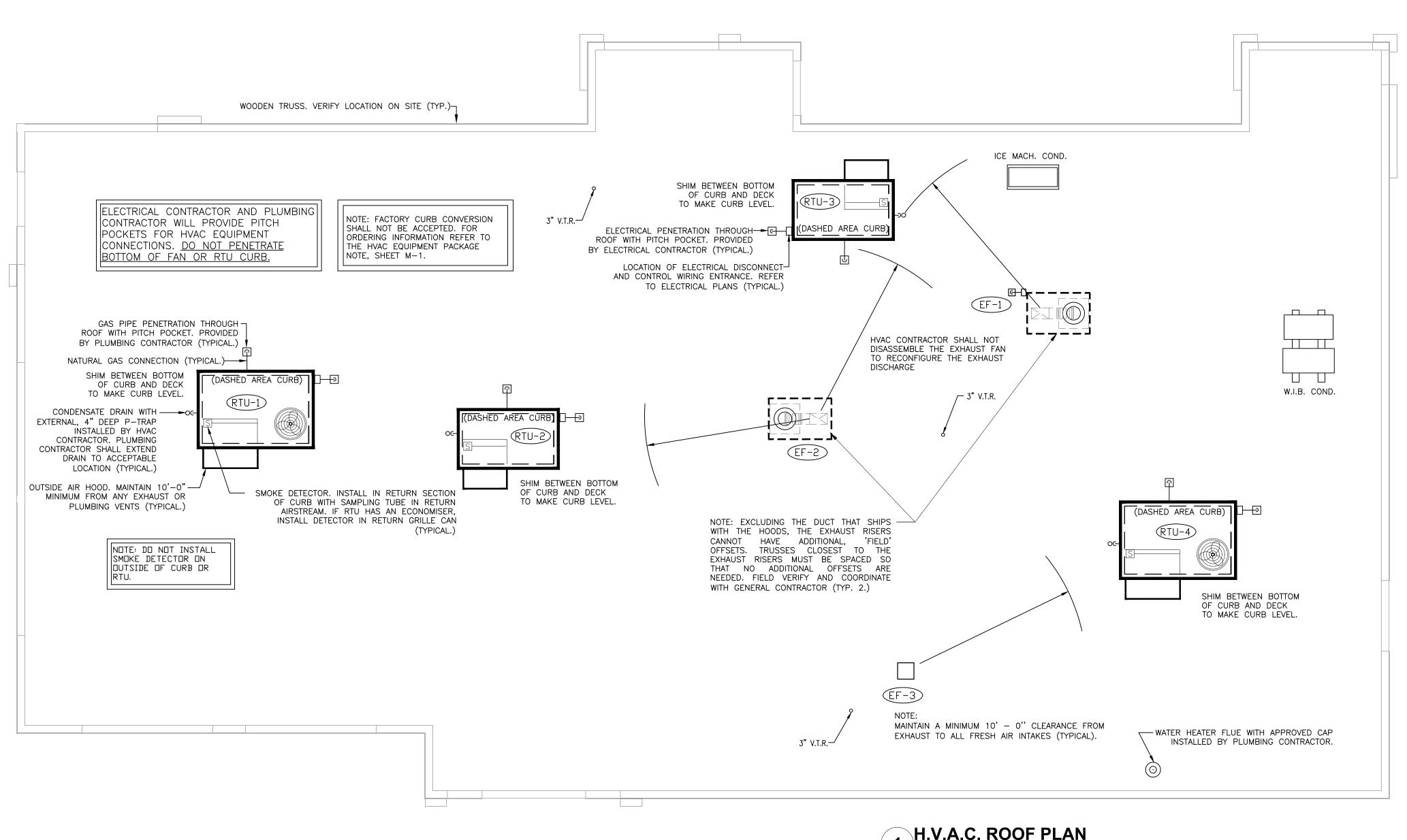
HVAC Plan & Schedules Drawing Name:

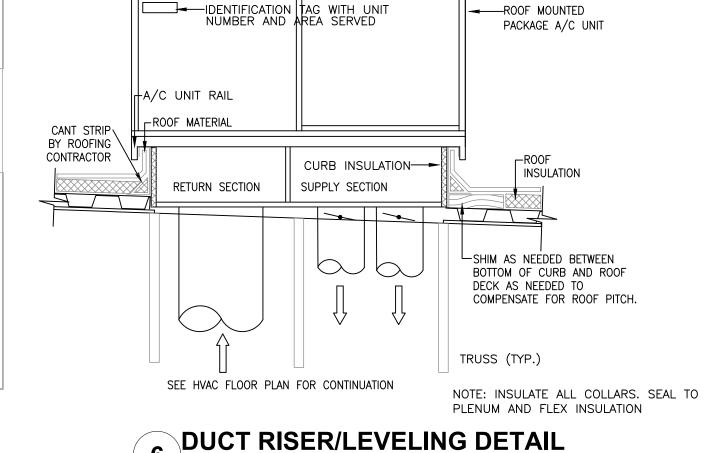
Project No. Date: 11/8/2021 21-0327

Type:ROC-2502T

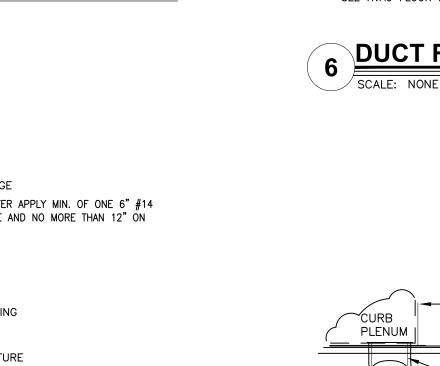
Drawn By: NPM

Scale: As Noted | Drawing No.





----- LEVEL -----



TO GRILLE/DIFFUSER

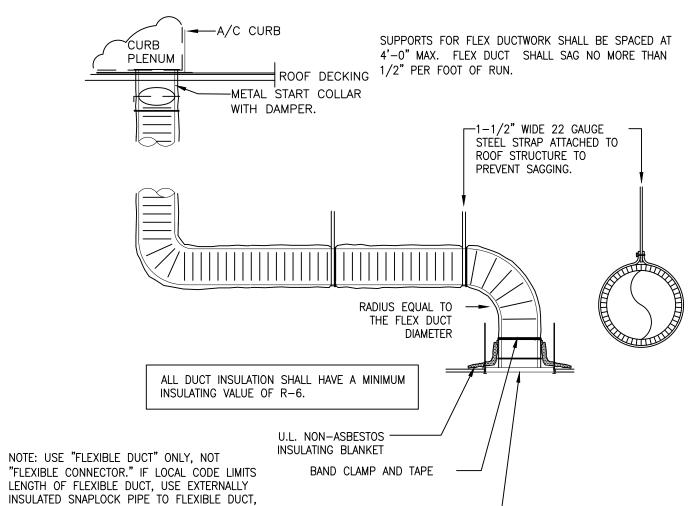
6"ø – 8"ø

10"ø – 12"ø | 26

14"ø - 16"ø 24

18"ø – 20"ø 22

SCALE: NONE



ALUMINUM DIFFUSER OR

SUPPORT DUCTWORK WITH 1-1/2" WIDE 22 GAUGE STEEL STRAPS FIRMLY ATTACHED TO

THE BUILDING STRUCTURE. SPACING SHALL BE MAXIMUM 10-0" FOR RIGID DUCTWORK,

FOR STRAPS IF 1-1/2" WIDE 22 GAUGE STEEL SADDLES ARE USED TO FULLY ENCIRCLE

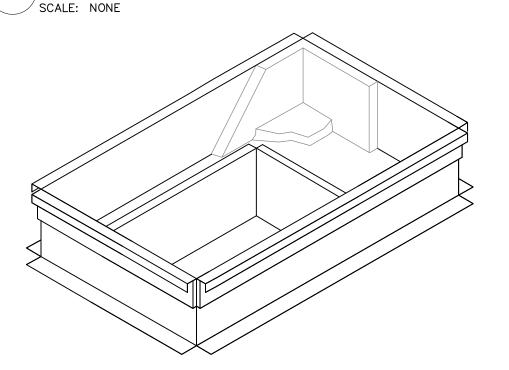
AND MINIMUM 4'-0" FOR FLEXIBLE DUCTWORK. 12 GAUGE WIRE MAY BE SUBSTITUTED

DUCT. REFER TO THE HVAC DUCT CONSTRUCTION STANDARDS PUBLISHED BY SMACNA

GRILLE AS SPEC.

FOR ADDITIONAL DETAILS. FULLY COMPLY WITH MECHANICAL CODES.

RIGID FLEXDUCT CONNECTION/INSTALL DETAIL



SCALE: NONE

FACTORY CURB CONVERSION SHALL NOT BE ACCEPTED.

5 PLENUMIZED AC CURB DETAIL

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Type:ROC-25021

Drawn By: NPM

Scale: As Noted

M-2

Drawing No.

Date:

10/29/202 1/21/2022

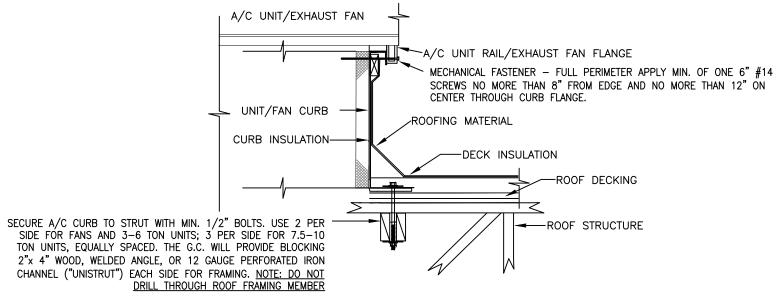
1/24/2022

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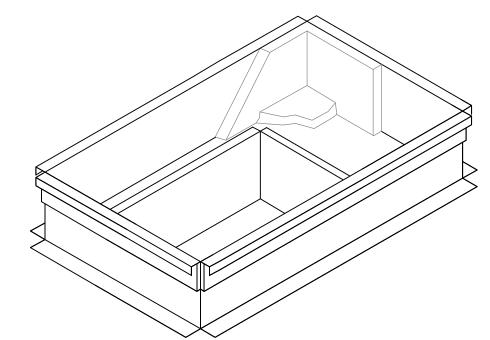
A BKC Approval

H.V.A.C. ROOF PLAN



ROOF EQUIPMENT CURB MOUNTING DETAIL

ACCEPTABLE FOR <u>140 MPH ZONE</u>



FABRICATE, INSTALL, SEAL, SUPPORT,

Ìı − A/C CURB

ROOF DECKING

ROUND 'SNAPLOCK" SHEET METAL DUCT

RUN. INSTALL IN TRUSS SPACES, ROUTE THROUGH TRUSSES.

EXHAUST FAN CURB/CURB PLATE

RTU-1,2 DUCT CONNECTION/INSTALL DETAIL

46-1/2"

35- 1/4"

FLANGED CURB EXHAUST PLATES

ALUMINUM DIFFUSER INSTALLED

FLUSH WITH BOTTOM OF TRUSSES

ROOF OPENING 22.5X22.5

6"ø – 8"ø

 10"ø
 12"ø
 26

 14"ø
 16"ø
 24

 18"ø
 20"ø
 22

AND BRACE PER SMACNA.

PLENUM I

✓ SCALE: NONE

ROOF CURBS

SMACNA GRADE SHEET METAL

ELBOW & STRAIGHT DUCT.

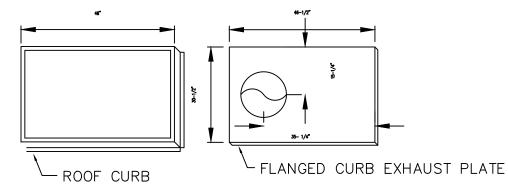
PROTOTYPICAL, PENDING VENDOR DESIGN FOR HOOD SYSTEMS.

- A. COORDINATE WITH THE LATEST KITCHEN EQUIPMENT PLANS PRIOR TO INSTALLATION OF CURB. VERIFY WITH GENERAL CONTRACTOR.

 B. MARK AND PLUMBOB THE LOCATION OF THE ROUND OPENING FROM
- C. PLACE CURB OVER OPENING BY USING DIMENSION GIVEN BELOW.

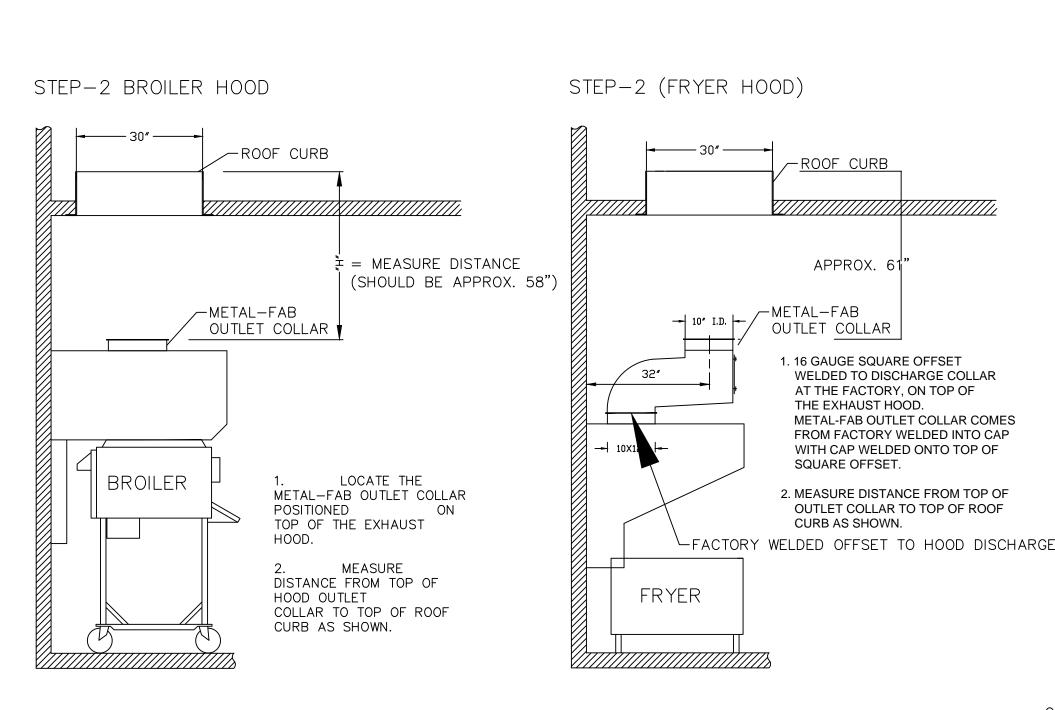
 D. WHEN GREASE FLANGE ARRIVES PLACE ON CURB WITH ROUND OVER OPENING IN DECK.

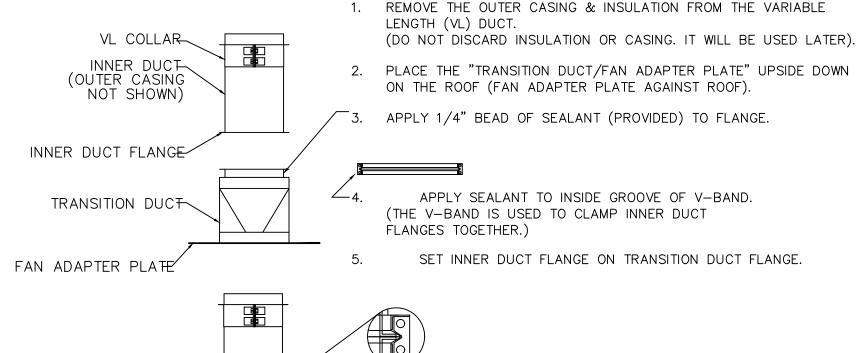
HVAC CONTRACTOR SHALL NOT DISASSEMBLE THE EXHAUST FAN TO RECONFIGURE THE EXHAUST DISCHARGE



PLAN VIEW OF ROOF CURBS

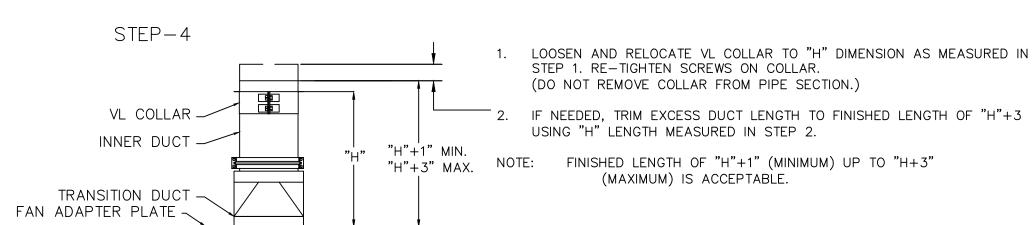
STEP-3





NOTE: WHEN ATTACHING CLAMP BAND USE A RUBBER MALLET (OR OTHER) TO AID IN ASSEMBLY. TIGHTEN V—BAND CLAMP USING HEX DRIVE SCREWS PROVIDED TO COMPLETE A LIQUID TIGHT SEAL.

ATTACH THE V-BAND CLAMP OVER THE INNER DUCT

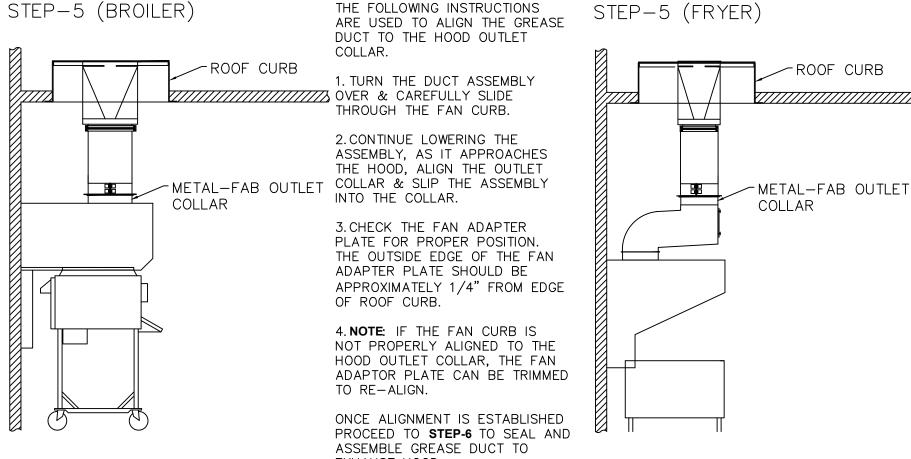


STEP-4b Rotate duct 180°

FAN ADAPTER PLATE TRANSITION DUCT

HNNER DUCT

VL COLLAR



FACTORY WELDED OFFSET TO HOOD DISCHARGE COLLAR <u>NOTE</u>: ALL REMAINING INSTRUCTIONS PERTAIN TO BOTH BROILER EXHAUST HOOD AND FRYER EXHAUST HOOD, AS IN STEP-5.

STEP-6

SEALANT PLAIN END-TECH SCREWS APPLY THIN FILM OF SEALANT (APPROX 1" WIDE) -APPLY SEALANT - OUTLET COLLAR FLANGE - VL COLLAR APPLY A 1/4" BEAD OF SEALANT ONTO THE FLANGE OF THE OUTLET COLLAR. (SIMILAR TO BEAD OF SEALANT USED TO ASSEMBLE DUCT SECTIONS IN STEP 3). APPLY A THIN COAT OF SEALANT ABOUT 1" WIDE ON THE INNER DUCT DIRECTLY ABOVE THE FLANGE OF THE COLLAR AS SHOWN. (NOTE: PLAIN END OF THE INNER DUCT MUST EXTEND AT LEAST 1" PAST FLANGED COLLAR). CAREFULLY SLIDE GREASE DUCT ASSEMBLY THROUGH THE FAN CURB AS SHOWN. LOWER ASSEMBLY INTO BUILDING AND INSERT PLAIN END INTO OUTLET COLLAR OF HOOD. IF NEEDED, REPOSITION VL COLLAR UP AGAINST OUTLET COLLAR FLANGE. SEALANT SHOULD BE COMPRESSED TO FORM A LIQUID TIGHT SEAL.

SECURE DUCT ASSEMBLY TO FAN CURB USING TECH SCREWS (NOT SUPPLIED)

IMPORTANT: RECTANGULAR PLATE OF DUCT ASSEMBLY MUST BE EVENLY CENTERED

OVER FAN CURB. BEFORE SECURING TO FAN CURB, VERIFY THAT OUTER SURFACE

OF GREASE DUCT MAINTAINS A MINIMUM 1-INCH CLEARANCE TO COMBUSTIBLE

6. HVAC CONTRACTOR SHALL PROVIDE AND INSTALL HIGH TEMP SEALANT OR GASKET TO THE OUTER PERIMETER OF THE GREASE FLANGE.

HVAC SYSTEM

CONSULTANTS/GROUP

NATIONAL CORPORATE ACCOUNT SERVICES, INC.

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FOR SITE—SPECIFIC DESIGN, ARCHITECTS EMAIL REFLECTED CEILING PLAN, ELEVATIONS, KITCHEN PLANS, FLOOR PLAN, SITE PLAN, EXTERIOR ELEVATIONS, AND ROOF STRUCTURAL PLAN TO DESIGN®NCACONSULTANTS.COM

TO CONTACT THE NCA CONSULTANTS BY PHONE, CALL TOLL—FREE (877) 530—0078.



IPIC-3G Factory-Built Grease Duct
Installation Instructions
Specific for Burger King Restaurant Installation
(Forward Discharge Assembly)

Note: These instructions have been developed in coordination for use with kitchen exhaust hood manufactured by Gaylord, H&K, and Franke.

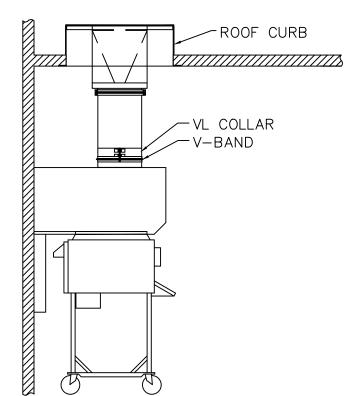
GENERAL INFORMATION

Metal—Fab Model IPIC—3G grease duct is "Listed" by Underwriters Laboratories for kitchen exhaust duct applications for continuous operations at 500°F and intermittent operation at 2000°F. IPIC—3G is further "Classified" by Underwriters Laboratories as equivalent to a 2—hr. fire rated grease duct enclosure as per UL 2221 test standard and listed for Zero inch clearance to combustibles for sizes up to and including 24—inch inside diameter.

Warning: During this installation, field application of factory—supplied insulation must be installed at joints and on Variable Length / Adjustable Length components. Do not substitute insulation with other makes or brands. Upon completion of installation, 2 layers of 1.5—inch insulation (supplied by manufacturer) must be applied directly around the inner duct as described in these instructions in order to maintain the Zero—inch clearance to combustibles rating as per the manufacturer's UL listing.

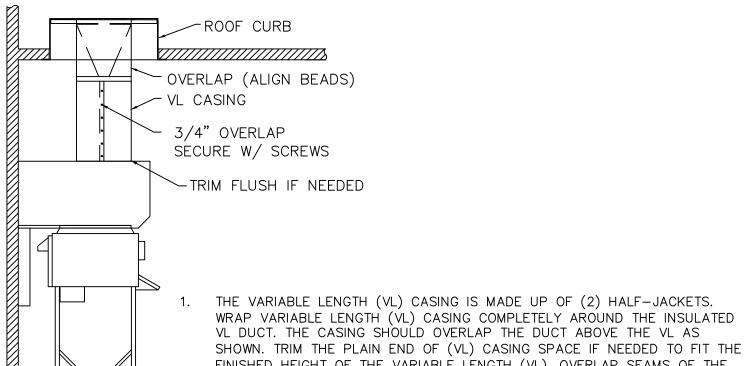
FOR QUESTIONS CALL METAL-FAB @ 1-800-835-2830 X 4165





- 1. APPLY A BEAD OF SEALANT TO V-BAND CLAMP AND ATTACH TO JOINT AS SHOWN. REF. TO STEP 3.
- 2. TIGHTEN SCREWS ON VL COLLAR. (FOR MORE POSITIVE SEAL, APPLY SEALANT TO VL COLLAR SLOT AND FLARED OUT END OF COLLAR PRIOR TO TIGHTENING SCREWS.)

STEP-8



FINISHED HEIGHT OF THE VARIABLE LENGTH (VL). OVERLAP SEAMS OF THE HALF JACKETS BY 3/4" AND SECURE USING SCREWS PROVIDED.

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	Revisions:		Date:
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10/29/202

1/21/2022

PROJECT LEAD I

PROJECT DESIGNER

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322 Pottstown Ave
Pennsburg, PA 18073
Montgomery County

Project Name & Location:

Gaylord Broiler-Oven Hood Drawings

Drawing Name:

Project No.

Date: 11/8/2021

21-0327

Type:ROC-2502T

Drawn By: NPM

M-3

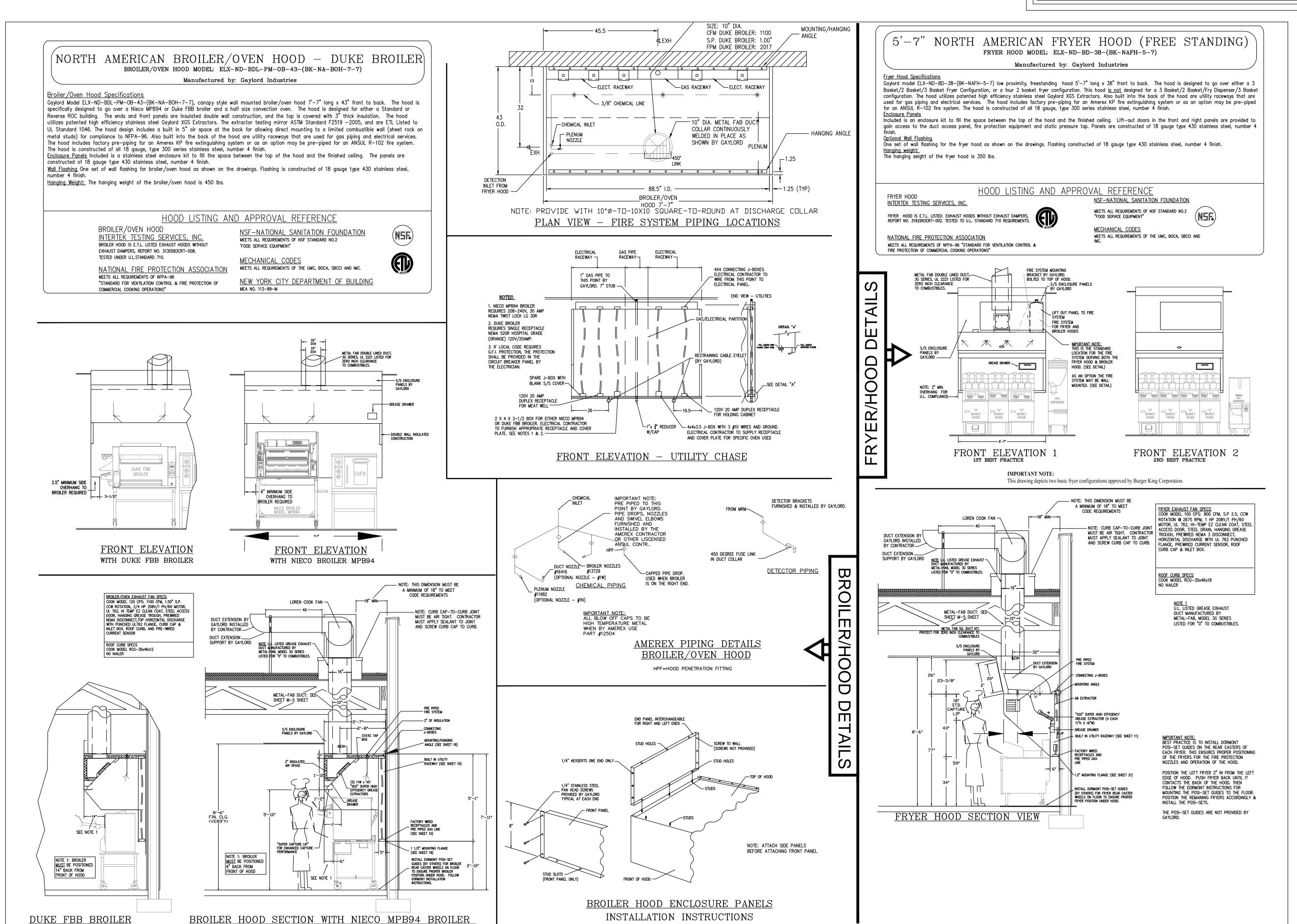
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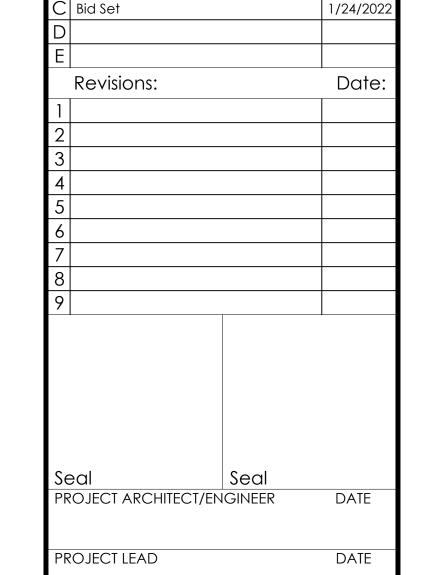
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PROTOTYPICAL, PENDING VENDOR DESIGN FOR HOOD SYSTEMS.

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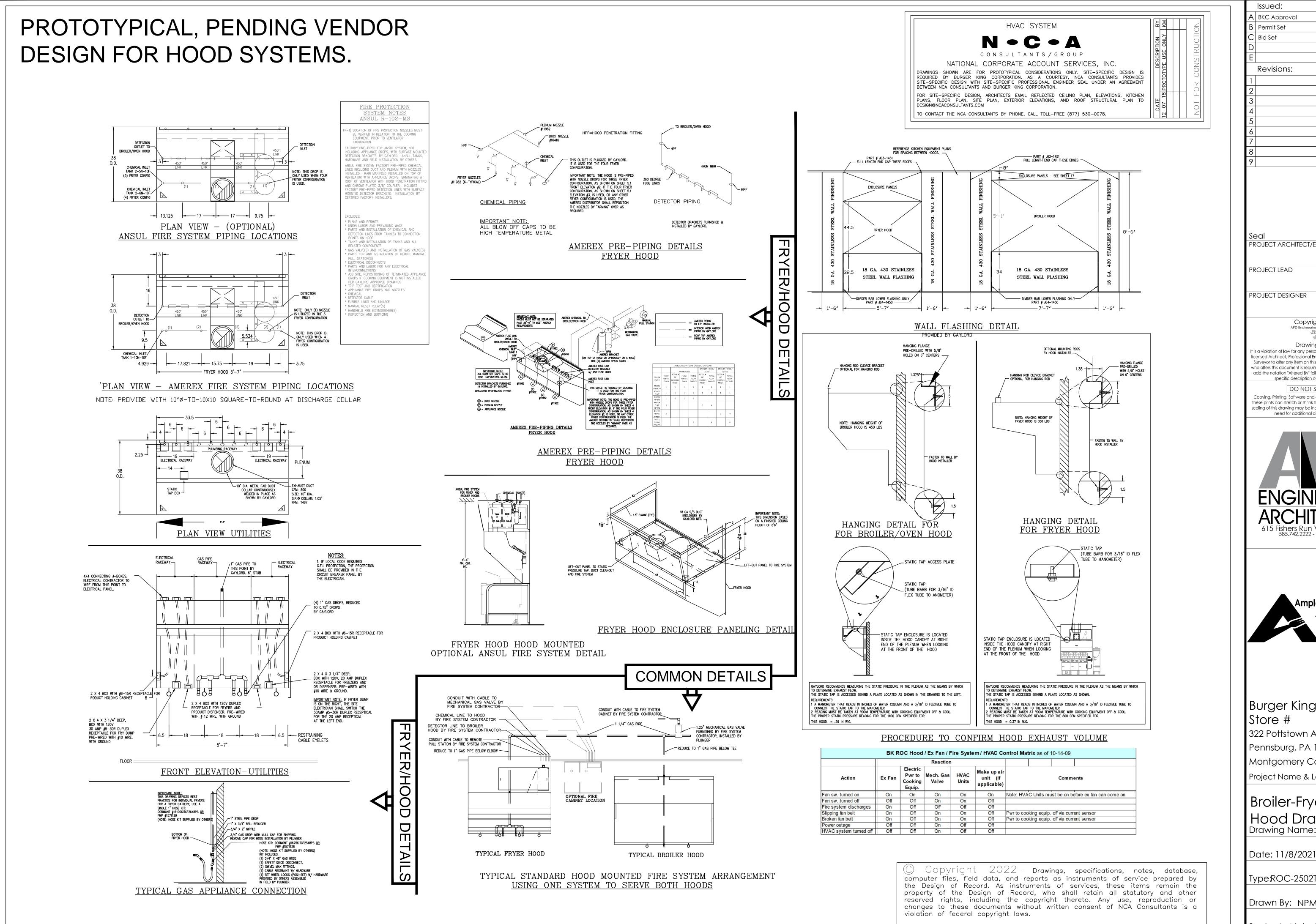
Broiler-Oven
Hood Drawings
Drawing Name:

Date: 11/8/2021 21-0327

Type:ROC-2502T

Drawn By: NPM

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BKC Approval 1/21/202 1/24/202 Date Revisions PROJECT ARCHITECT/ENGINEER

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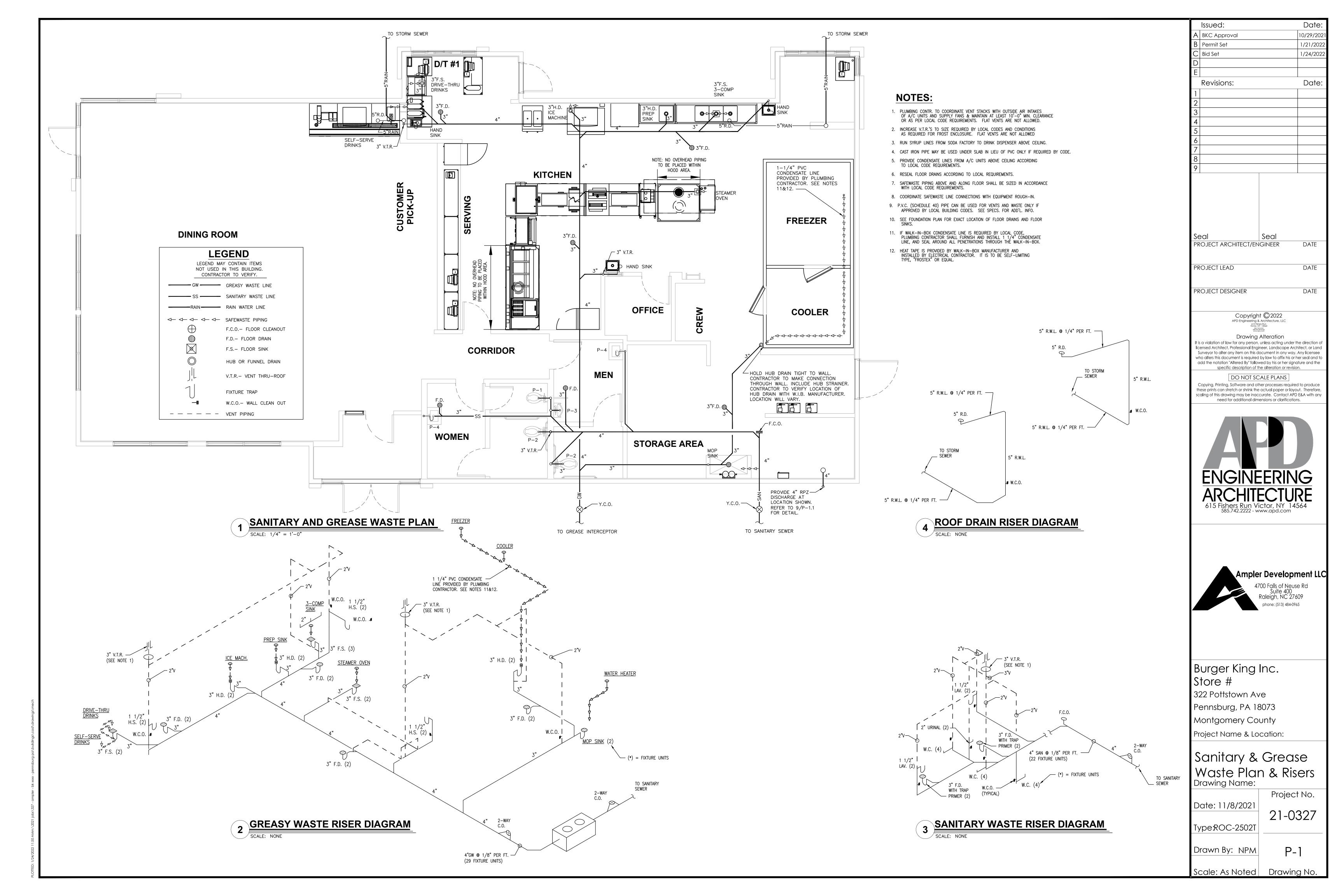
Broiler-Fryer Hood Drawings Drawing Name:

Project No. Date: 11/8/2021

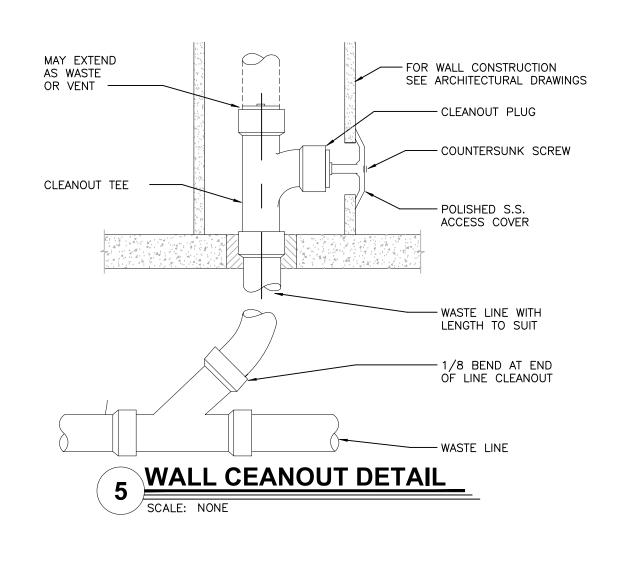
21-0327

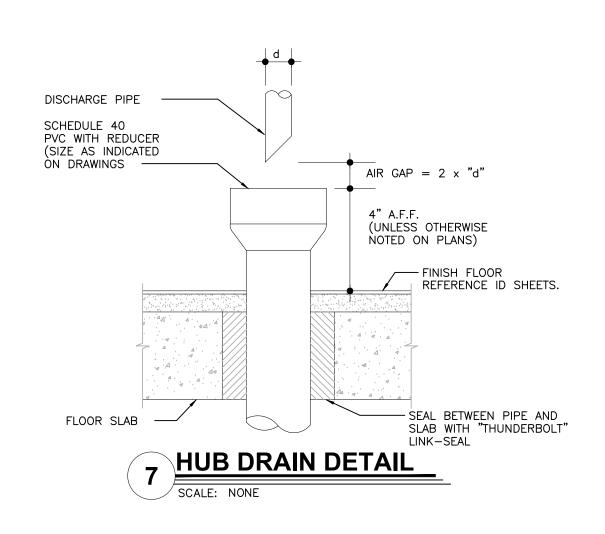
Drawn By: NPM

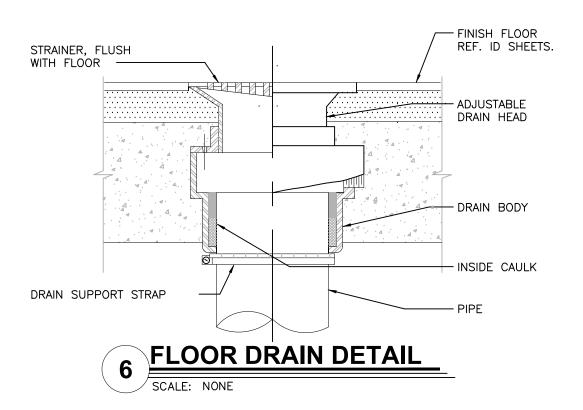
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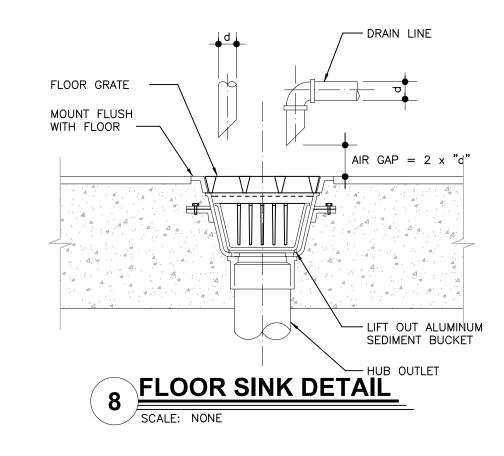


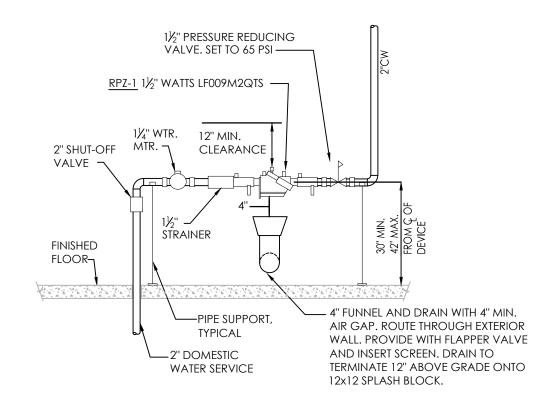
		PLUMBING	FIXTURE	SCHEDUL	.E
MARK	FIXTURE	MANUFACTURER	MODEL NUMBER	MODEL NAME	VALVE
P-1	WATER CLOSET	* REFER TO SHEET A-	3.1 FOR IMAGE SPE	CIFIC FIXTURES	
P-2	WATER CLOSET — ADA	* REFER TO SHEET A-	3.1 FOR IMAGE SPE	CIFIC FIXTURES	
P-3	URINAL — ADA	* REFER TO SHEET A-	3.1 FOR IMAGE SPE	CIFIC FIXTURES	
P-4	LAVATORIES	* REFER TO SHEET A-	3.1 FOR IMAGE SPE	CIFIC FIXTURES	
P-5	MOP SINK	CAST IN PLACE			CHICAGO #897—CP —OR— AMERICAN STANDARD #8344.111 —OR— KOHLER #8907
P-6	WATER HEATER	RINNAI -OR- RINNAI	C199I RUR98I	REU-KBD3237FF	
P-7	TEMPERING VALVE	WATTS	N170L-M2		,
P-8	FLOOR SINK	JOSAM	49300 (49320A A	T 3-COMP SINK)	
		J.R. SMITH	3100 (3111 AT 3	-COMP SINK)	
		ZURN	Z1910 (Z1900 AT	3-COMP SINK)	
P-9	FLOOR DRAIN	JOSAM	30000-50		
		J.R. SMITH	2010-AP		
		ZURN	Z-415B-P		
	2. TOILET SEATS TO BE	ES BY AMERICAN STANDAF CHURCH 9500SSC, KOHI ROOMS ALL FIXTURE MUS	LER K-4671-C, OL:	SONITE #10C OR E	LE EQUAL.



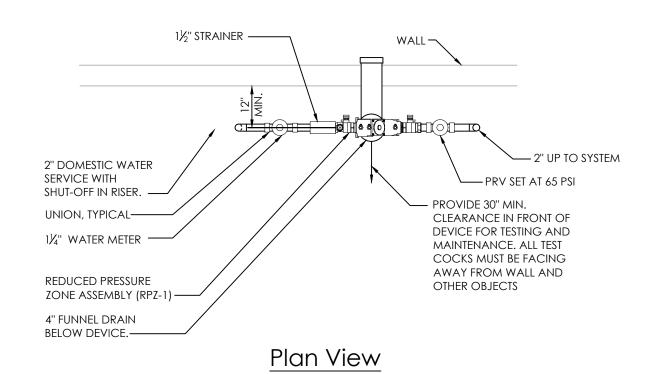








Elevation View



Domestic Riser Detail Notes:

- 1. PROVIDE SUPPORTS FOR BACKFLOW PREVENTION DEVICE, WATER METER AND ASSOCIATED
- 2. PROVIDE MINIMUM OF 8" CLEARANCE BETWEEN BACK OF DEVICE AND WALL AND 2'-6" IN FRONT OF THE BACKFLOW PREVENTION DEVICE. THE DISTANCE SHALL BE BETWEEN 2'-6" AND
- 5'-0" ABOVE THE FINISH FLOOR ELEVATION. 3. PROVIDE A MINIMUM OF 1'-6" FROM THE RELIEF VALVE TO THE FINISH FLOOR ELEVATION.
- 4. PROVIDE A MINIMUM OF 1'-0" CLEARANCE ABOVE DEVICES. . HEAT AND LIGHT ARE PROVIDED WITHIN BACK ROOM.
- 6. AIR GAP FITTINGS ARE NOT ALLOWED. PANEL DRAIN IS INDICATED.
- METER TO BE INSTALLED A MINIMUM OF 18" AND A MAXIMUM OF 40" FROM THE CENTERLINE TO THE FINISH FLOOR ELEVATION. 8. VICTAULIC FITTINGS ARE PROHIBITED UPSTREAM OF DEVICE.
- 9. ALL MATERIAL BEFORE THE BACKFLOW DEVICE MUST BE BRASS, COPPER, OR CEMENT LINED DUCTILE IRON.
- 10. REDUCED PRESSURE ZONE ASSEMBLY, WATTS/ MODEL: LF009M2QTS.

 11. BACKFLOW PREVENTERS TO BE INSTALLED SO ALL TESTING PORTS BE TOP OR FRONT SIDE OF
 - 9 WATER SERVICE DETAIL



BKC Approval 10/29/202 Permit Set 1/21/202 1/24/2022 Bid Set Date: Revisions: PROJECT ARCHITECT/ENGINEER PROJECT LEAD DATE

Date:

DATE

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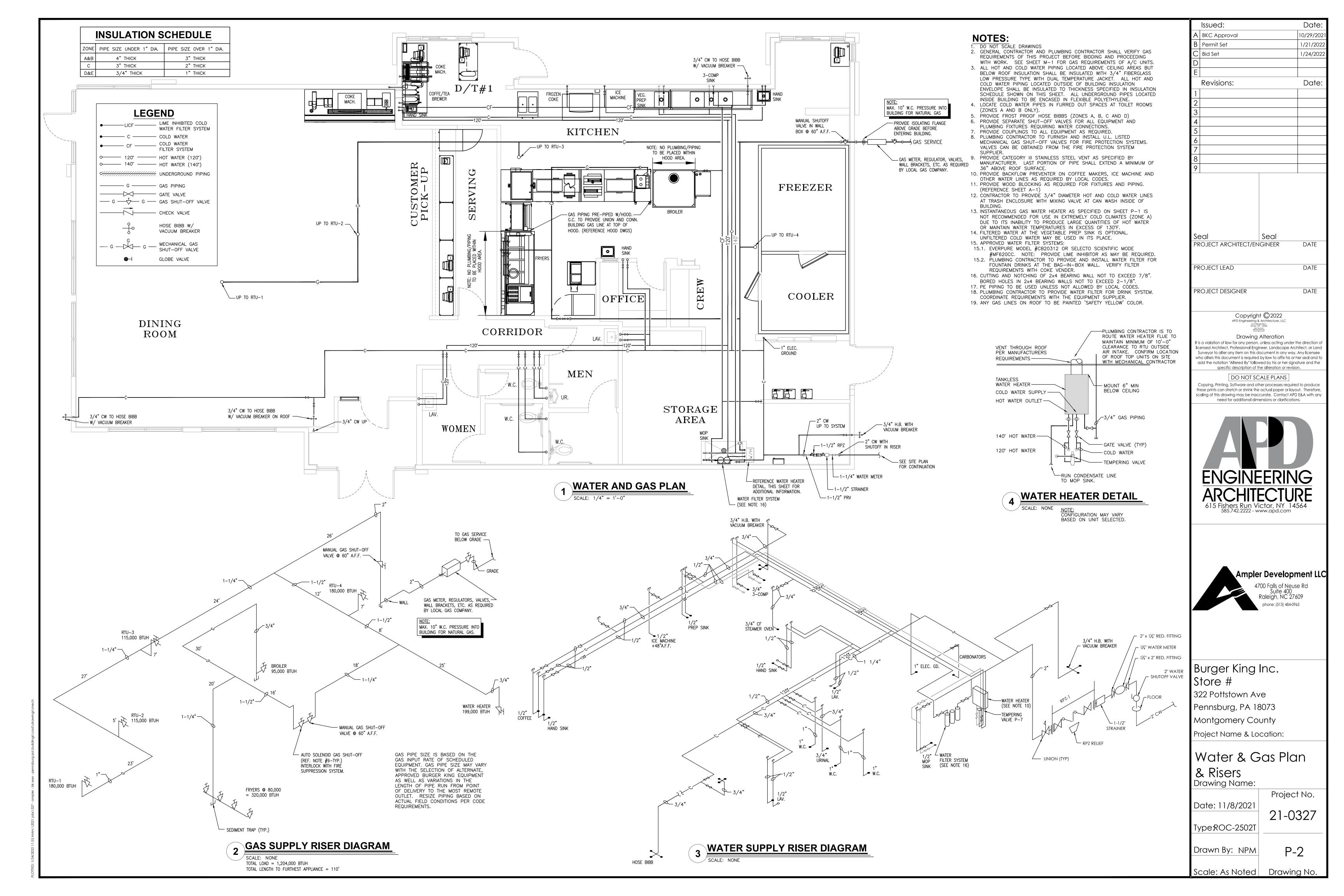
Plumbing Schedules & Details
Drawing Name:

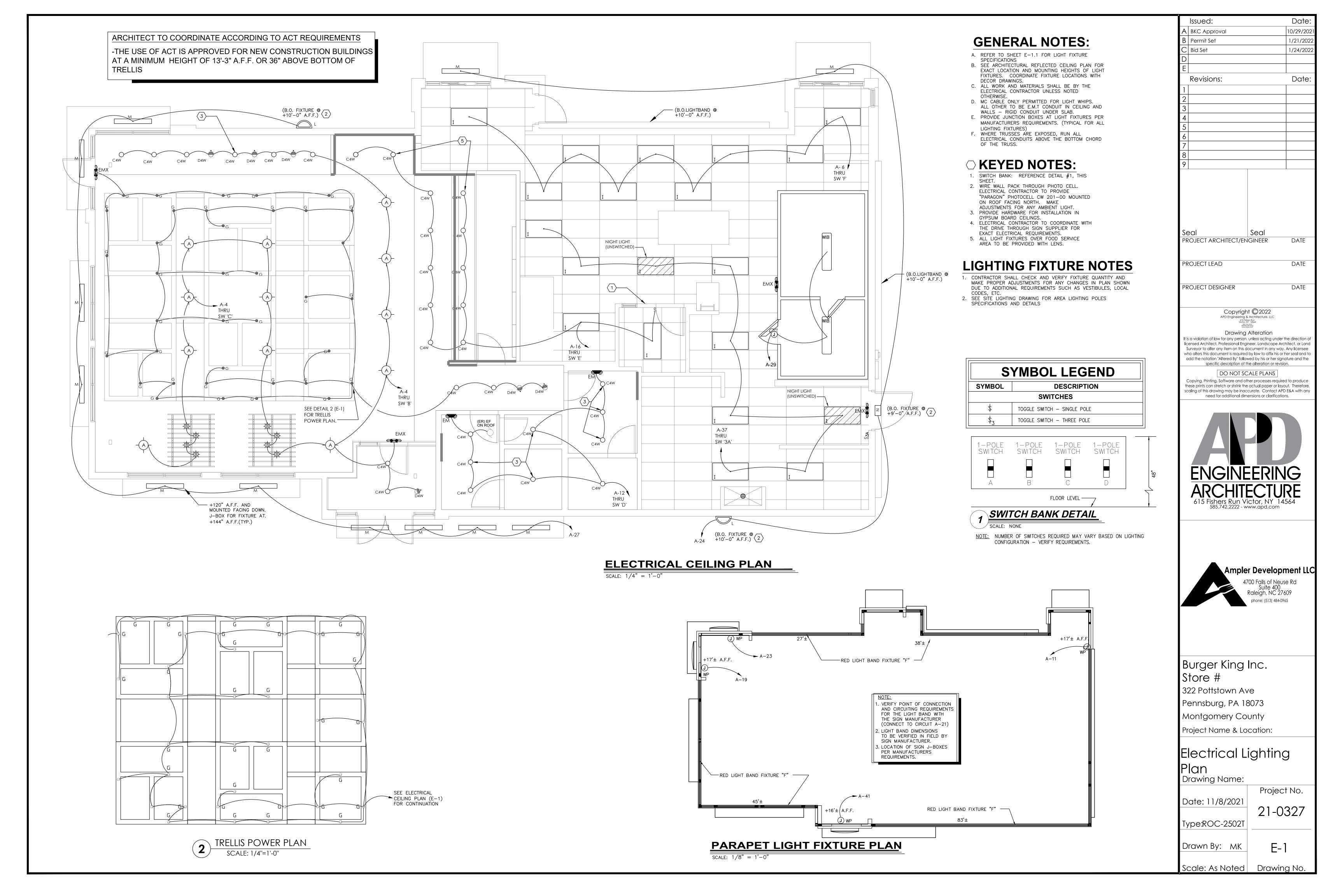
Project No. Date: 11/8/2021 21-0327 Type:ROC-2502T

Drawn By: NPM

Scale: As Noted Drawing No.

P-1.1





				ELECTRI	CAL SCHEDULES
ITEM# QTY	DESCRIPTION	110-127V/PH/60HZ	AMPS	AFF_(IN)	ELECTRICAL_REMARKS
10.01 1	12 V SODA SYSTEM W/ICE	115V/1/60HZ	6	18	-
11.01 1	SODA SYSTEM, DROP IN 8V W/ICE	115/1/60HZ	1.5	18	-
11.02 3	CARBONATOR	115/1/60HZ	3	84	-
14.17 1	FROZEN COKE MACHINE	VERIFY	VERIFY	VERIFY	VERIFY UTILITY REQUIREMENTS WITH OWNER PROVIDED EQUIPMENT
15.10 1	SHAKE & SOFT SERVE (3PH)	208-230V/3/60HZ	14-15	18	(2) DEDICATED ELECTRICAL CONNECTIONS REQUIRED 20A MAX. FUSE SIZE EA.
16.73 2	ICE MACHINE 1425LB	115V/1/60HZ	1.1	60	15A MAX. FUSE SIZE
17.00 1	COFFEE/ TEA BREWER	120/208V/1/60	13	50	-
21.04A 1	FRONT PREP TABLE "A" (60") 8-PAN	120-208V/3/60HZ	L1:104.7A L2:117.1A L3:115.7A	FR/CEILING	EC TO PLUG TABLES TOGETHER AND TO CONNECT BREAKER PANEL IN TABLE TO MAIN PANEL
21.85 1	BK MIDDLE PREP TABLE (BUN RACK)	-	-	-	EC TO PLUG TABLES TOGETHER
21.89 1	BK REAR PREP TABLE (REFRIG UNDERCOUNTER) 5 PANS	-	-	-	EC TO PLUG TABLES TOGETHER
21C.32 1	BK EXPEDITER STATION	120V/1/60HZ	6	-	CONNECT TO PRE-WIRED TO RECEPTACLE IN PREP TABLE (#21)
21C.45 1	BK BEVERAGE REFRIGERATOR-SLIME LINE	110-120V/1/60HZ	4	-	CONNECT TO PRE-WIRED TO RECEPTACLE IN PREP TABLE (#21) 15A MAX. FUSE SIZE
23.14 1	7'-7" BROILER/OVEN HOOD ROC STORES	-	-	-	EC TO INTER-CONECT FANS TO CONTROL PANEL AND ANSUL SYSTEM/ VERIFY WITH HOOD DRAWINGS
24.00 1	BROILER	120V/1/60HZ	2	-	PLUG TO RECEPTACLE UNDER HOOD/EC TO PROVIDE ELECTRICAL RECEPTACLE & COVER PLATE - REFER TO HOOD DRAWINGS
25.00 1	FREEZER, REACH-IN LH	115V/1/60HZ	6.5	48	15A DEDICATED CIRCUIT REQUIRED
26.09 1	BK MEAT FREEZER 44"	120V/1/60	6	-	CORD & PLUG/ CONNECT TO RECEPTACLE PROVIDED UNDER HOOD/ REFER TO HOOD DRAWINGS
30.16 1	UNIVERSAL FRY DUMP STATION S/SNEXT GENERATION	120-208V/1/60HZ	30	18	CIRCUIT 1 FRY DUMP: (120-208V/1/60HZ, 10A, 3 WIRE + GROUND), CIRCUIT 2 PHU: (208V/1/60HZ, 12A 2 WIRE + GROUND)
31.03 1	4 VAT FRYER	120V/1/60HZ	13	-	CORD & PLUG/ CONNECT TO RECEPTACLE PROVIDED UNDER HOOD/ REFER TO HOOD DRAWINGS
32.06 1	BK FRY FREEZER W/FRY BASKET HOLDER	120V/1/60	4	-	15A MAX. FUSE SIZE. CORD & PLUG/ CONNECT TO RECEPTACLE PROVIDED UNDER HOOD/ REFER TO HOOD DRAWINGS
32C.03 1	UNDERCOUNTER REFRIG	120V/1/60HZ	2.9	-	CONNECT TO PRE-WIRED TO RECEPTACLE IN PREP TABLE (#21)
33.17 1	6'-4" FRYER ROC WALL HUNG HOOD	-	-	-	EC TO CONNECT RECEPTACLES AND INTER-CONECT FANS TO CONTROL PANEL AND ANSUL SYSTEM/ VERIFY WITH HOOD DRAWINGS
36.02 1	COMBI OVEN STEAMER ELECTRIC	208V/3/60HZ	20	-	EC TO CONNECT TO RECEPTCLE UNDER HOOD / VERIFY WITH OWNER & HOOD DRAWINGS
40.00 1	WALK-IN COOLER/FREEZER	-	-	-	EC TO PROVIDE ELECTRICAL CONNECTIONS FOR LIGHTS AND HEATHERS AND TO INTERCONNECT EVAPORATOR COIL TO CONDENSING UNIT/ REFER TO WIB DRAWINGS
50.02 2	MICROWAVE OVEN	208-240V/1/60HZ	20	-	CONNECT TO PRE-WIRED TO RECEPTACLE IN PREP TABLE (#21)
51.13 2	PHU - 3X4	208V/1/60HZ	16	-	CONNECT TO PRE-WIRED TO RECEPTACLE IN PREP TABLE (#21)
51B.13 1	PHU - 2X4	208V/1/60HZ	12	-	CONNECT TO PRE-WIRED TO RECEPTACLE IN FRY DUMP (#30)
52.00 1	EGG COOKER	208V/1/60HZ	11.4	-	CONNECT TO PRE-WIRED TO RECEPTACLE IN PREP TABLE (#21)
53.13 1	REFRIG. UNDERCOUNTER	115V/1/60HZ	2.2	18	-
54.01 1	REFRIGERATED CHICKEN BATTER STATION	110-120V/1/60HZ	3	-	CONNECT TO PRE-WIRED RECEPTACLE IN PREP TABLE (#21)
55.03 2	VERTICAL CONTACT TOASTER	208V/3/60HZ	10	-	CONNECT TO PRE-WIRED TO RECEPTACLE IN PREP TABLE (#21)
59C.02 1	SMOOTHIE BLENDER	120V/1/60HZ	8.6	50	-

			INTERIOR LIGHT FIXTUR	VE SCHEDOLE			
			STANDARD TRELLIS	6 (6"x 6")			
TYPE		VENDOR	CATALOG No.	WATTAGE	COLOR TEMP	REMARKS	
	1		BK304 & SP30S-18-60D-927-03			SHAKER PENDANT LAMP	
Α		NAUTICAL	LED EDISON STYLE 10 WATT	10	2700		
			LED EDISON STILE 10 WATT				
	A -	NAUTICAL	BK305 & LED 8W EDISON INCANDESCENT	6		BRONZE CAGE PENDANT LIGHT	
В			LED CLEAR ANTIQUE STYLE 6 WATT		2700K		
						1 AT DIAMETER WHITE DECECED DOWNEY	
		JUNO	SP36671-WHTRM	15	3000	1. 4" DIAMETER, WHITE, RECESSED DOWN LI 2. TO BE USED WITH GWB CEILING	
C4w		CREE ENERGYWISE	CR4-575L-27K-12-E26 EWMLEDDL4IN	9.5	2700 2700		
		SECURITY	LB4A 6L 30K 9 WH / IBXQL	9	3000		
		JUNO	SP36671G2 / 39 WWH	12.5	3000	1. 4" DIAMETER, WHITE, RECESSED DOWN LI	
D4w		SECURITY	LBE4A 6L 30K 9 WH / IBXQL	9	3000	WALL WASHER	
						- 2. TO BE USED WITH GWB CEILING	
F		LEKTRON	LED BK RED EXTERIOR BAND LIGHT-1016	1.5 / FT		LOAD FOOTAGE 32 LINEAL FT. LIGHT BAND DIMENSIONS TO BE VERIFIED IN BY SIGN MANUFACTURER.	
		JUNO	SP34378B-9-F1-SSN	10	3000	2" DIAMETER DOWN LIGHT, SATIN NICKEL FI	
G	3	ZANIBONI	D2LUNA20930A3CSNP0BK0P	9	3000		
		CREE	CL-E-TFA04A-24R-40N	42	4000	1. TO BE USED IN KITCHEN	
I		SECURITY	LJT24-40-MLG-FSA12-EU-C388	45	4000	2. 2x4 RECESSED	
-			LSI	SFP24 LED 50 UE DIM 40	50	4000	
	The section of the se	VAOPTO ENERGYWISE	VO-PL-2NW4-60 EWMLFP24EP4841	60	4000 4100		
		CREE	RS-42WLED-UD-SV-120-5300K	30	5300	1. EXTERIOR WALL FIXTURE	
		SECURITY	RWSC30LED-UD-PS-MT	30	5000	2. OPEN CANOPY FIXTURE	
		LSI	WP36LF13X9U57KMSV	12 UP/12 DOWN	5700	3. PROVIDED BY SIGN SUPPLIER WITH CANO	
L		KONTECH	KON-60-WS-DU	60	5000		
		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	
M		VAOPTO	VO-RP-40DW277-4	40	5000	2. OPTIONAL CLOSED CANOPY FIXTURE	
		2255	E WOAVOOA TT	27	1000	3. PROVIDED BY SIGN SUPPLIER WITH 1. WALL MOUNTED SECURITY LIGHT	
		CREE	E.WP1X031Z7 WGH-1LU-M	27	4000 5000	2. BRONZE FINISH	
N		SECURITY	SFCMWBLEDPL150UEBRZ	33	5000	2. BRONZE THUST	
		VAOPTO	VO-WP-DW-N50	50	5000		
		ENERGYWISE	EWALED-WPDS240	40	5000		
		CREE	WS4-50L-57K-10V-FD	55	5300	TO BE USED IN WALK IN BOX ONLY	
	100	SECURITY	LXEM4-50ML-RFA-EU	53	5000		
WIB	A STATE OF THE STA	LSI	EG34SLEDHOCWUE	52	5300		
		VAOPTO	VO-TF-14W	32	5000		
		ENERGYWISE	EWMLED-LSV2XT8USE4806	36		EMEDICENCY LOUIS	
		CREE	EM22RWH	11	3000	EMERGENCY LIGHT	
EM	1570	SECURITY	CU2 LTEMWH	(2) 1 LED	3000	1	
-1 4 1		VAOPTO	VO-EM	(2)1 LED	5000	1	
	***	ENERGYWISE	EWCU2	1	3000	1	
		CREE	EXDMBRWH	11		EXIT / EMERGENCY LIGHT	
		SECURITY	CCRRC	4			
EMX	FYI	LSI	LPRXRUWBWHLD11R	(2) 1 LED			
		VAOPTO	VO-EMX-R1	2	5000		
		ENERGYWISE	EWCCR	4 A TION	3000		
	CREE	T	CONTACT INFORM HERMITAGE "MASTER CONSOLIDATOR"	/IATION ENERG	VMISF	JUNO / ACUITY BRANDS	
	ELVIR SULJ	ıc	WYATT CULVER		WADDICK	BRETT D KINZLER	
262-884-3332 esuljic@creelighting.com SECURITY LIGHTING WHITNEY WATSON		32	615-843-3379		5-1336	o 847-813-8350 m 847-312-1578	
			wyatt@hlg.co	jennifer@energ		brett.kinzler@acuitybrands.com	
			NAUTICAL FURNISHINGS MICHAEL HOGLUND	<u>VaC</u> LIND		ZANIBONI LIGHTING JENNIFER MORRIS	
	WHITNEY WAT 630-550-932		MICHAEL HOGLUND 954-771-1100	702-51		727-213-0410	
quota ti	ons@security		mhoglund@nauticalfurnishings.com	linda@va		southeastusa@zanibonilighting.c	
	LSI BORLUCAS						
ลเ	BOB LUCAS 00-436-7800 Ex						
	cas@lsi-indu						
						İ	

3. EXCEPT FOR DROPPED CEILING OPTION, ALL LIGHT FIXTURES IN DINING ROOM AREA & RESTROOM CORRIDOR ARE TO BE SUPPORTED FROM EXPOSED ROOF TRUSSES. 4. 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.

Date: Issued: A BKC Approval 10/29/2021 B Permit Set 1/21/2022 C Bid Set 1/24/2022 Date: Revisions: PROJECT ARCHITECT/ENGINEER DATE PROJECT LEAD DATE

DATE PROJECT DESIGNER

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APD Engineering & Architecture, LLC

615 Fishers Run
Victor, NY, 14544

8537,42772

9657,427,407

9657,427,407

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Burger King Inc. Store # 322 Pottstown Ave Pennsburg, PA 18073 Montgomery County Project Name & Location:

Lighting Schedule

Drawing Name:

Project No. Date: 11/8/2021

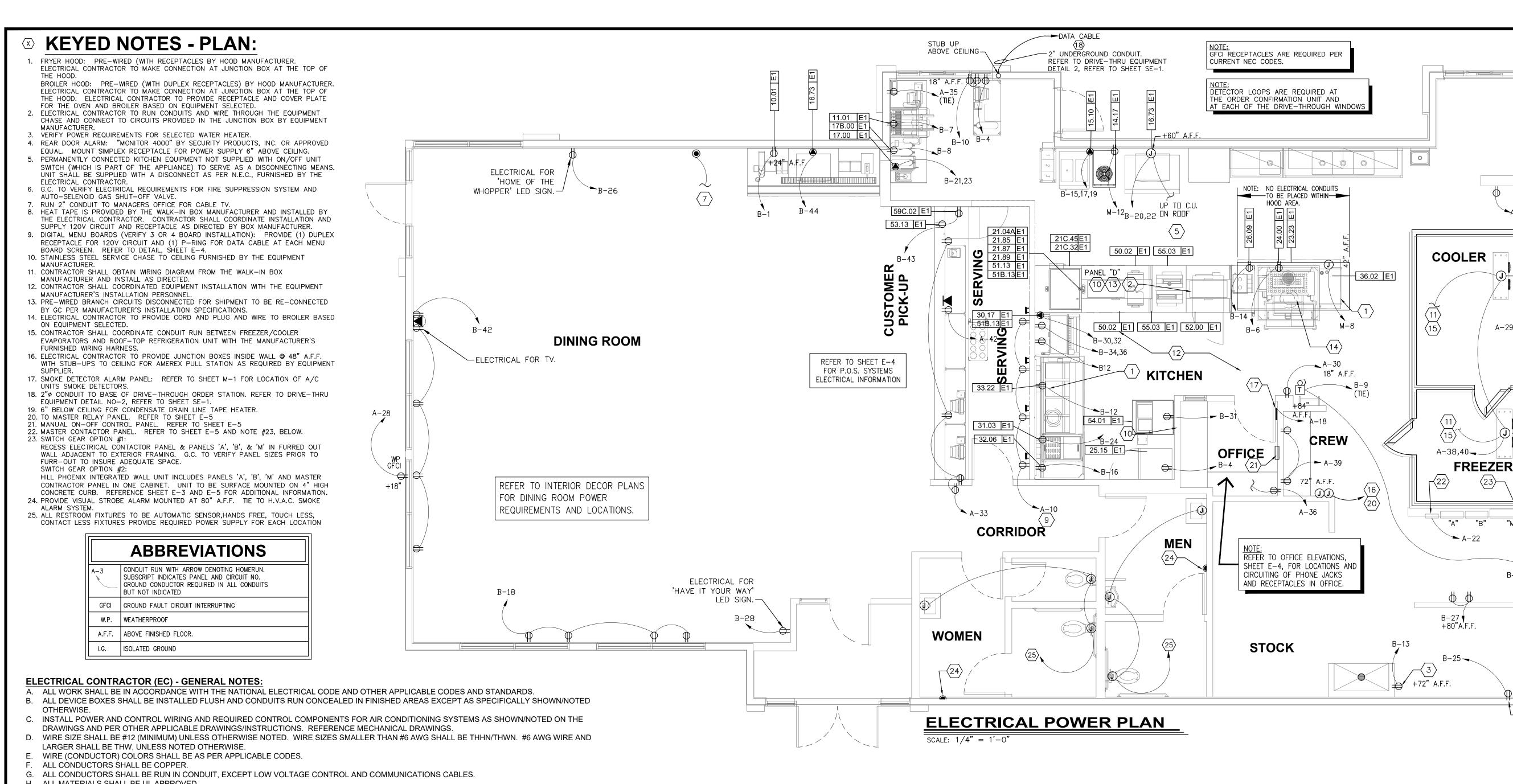
21-0327

E-1.

Type:ROC-2502T

Drawn By: MK

Scale: As Noted Drawing No.



- ALL MATERIALS SHALL BE UL APPROVED.
- 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.
- PVC (SCHEDULE 40) PERMITTED BELOW SLAB AND BELOW GRADE ONLY.
- IT IS INTENDED THAT AN EQUIPMENT GROUND CONDUCTOR (GREEN) SHALL BE RUN IN POWER CIRCUIT CONDUITS WHETHER OR NOT THE CONDUIT IS PVC.
- 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
- 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.
- EC SHALL INSTALL AND CONNECT WIRING TO ALL SIGNS.
- EC TO COORDINATED ROUGHING-IN TO ALL EQUIPMENT WITH EQUIPMENT SUPPLIER PRIOR TO INSTALLING CONDUITS.
- ALL CONDUIT RUNS TO KITCHEN EQUIPMENT SHALL BE RUN ABOVE CEILING.
- 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

ELECTRICAL CONTRACTOR (EC) - H.V.A.C.:

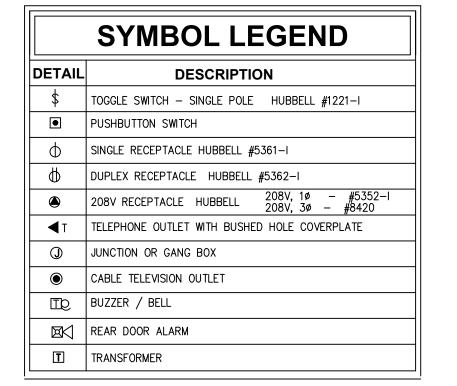
- A. THE EC SHALL FURNISH AND INSTALL PITCH PANS FOR POWER AND CONTROL WIRING AND TO MAINTAIN 12" MINIMUM CLEARANCE FROM BACK PANEL OF AIR CONDITIONING UNITS.
- B. EC SHALL INSTALL ALL LOW-VOLTAGE CONTROL WIRING FOR ALL AIR CONDITIONING UNITS AND FANS. COORDINATE AIR CONDITIONING AND ELECTRICAL PLANS.
- EC SHALL FURNISH AND INSTALL DISCONNECTS FOR AIR CONDITIONING UNITS
- D. EC SHALL USE A MINIMUM OF 4'-6" SEALTITE FLEXIBLE CONDUIT WHEN WIRING KITCHEN HOOD EXHAUST FANS ON ROOF SO THAT FANS MY BE REMOVED FROM CURBS AND PLACED ON ROOF FOR CLEANING EXHAUST DUCTWORK.
- IF REQUIRED BY LOCAL CODE, EC SHALL PROVIDE COMPONENTS AUDIBLE AND VISUAL ANNUNCIATORS AND SINGLE-GANG RECEPTACLES TEST STATIONS WITH GREEN AND RED LIGHT INDICATORS. EACH KITCHEN UNIT WILL BE EQUIPPED AND THE FIRE AND MECHANICAL INSPECTORS WILL DETERMINE SUITABLE LOCATION FOR TEST STATIONS. ANNUNCIATORS AND TEST STATION WILL BE LOOPED IN THE CIRCUITRY OF THE SMOKE DETECTION DEVICES. WIRING WILL BE SUPPLIED AND COMPLETED BY THE EC.

ELECTRICAL CONTRACTOR (EC) - KITCHEN EQUIPMENT:

- A. EC TO PROVIDE AND INSTALL RECEPTACLES, CAPS AND CORDS AS REQUIRED. CAPS AND CORDS ARE TO BE INSTALLED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
- EC TO CONNECT ELECTRICAL SERVICE DIRECTLY TO EQUIPMENT ACCORDING TO THE MANUFACTURERS'S INSTRUCTIONS.
- EC TO RECONNECT ELECTRICAL CIRCUITS ON PRE-WIRED EQUIPMENT DISASSEMBLED FOR SHIPMENT
- WHERE EQUIPMENT IS NOT PRE-WIRED, EC TO CONNECT THE ELECTRICAL SERVICE AND PROVIDE INTER-WIRING AS REQUIRED. WHERE RECEPTACLES ARE PROVIDED WITH THE EQUIPMENT, EC TO PROVIDE AND INSTALL ELECTRICAL SERVICE DOWN FROM ABOVE THROUGH
- THE SERVICE CHASE PROVIDE WITH THE EQUIPMENT. KITCHEN EQUIPMENT SUPPLIER DRAWINGS INCLUDE ONLY THOSE RECEPTACLES REQUIRED FOR SPECIFIC KITCHEN EQUIPMENT. REFER TO THE
- ARCHITECTS/ENGINEERS ELECTRICAL DRAWINGS FOR LOCATIONS OF UTILITY AND GENERAL PURPOSE RECEPTACLES.
- G. EC TO VERIFY THE UTILITY REQUIREMENTS FOR ITEMS NOT PROVIDED BY THE KITCHEN EQUIPMENT SUPPLIER. H. ALL PORTIONS OF WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND NATIONAL CODES, ORDINANCES AND
- NOTIFY THE KITCHEN EQUIPMENT SUPPLIER PROJECT MANAGER IMMEDIATELY OF COMPLIANCE WITH A LOCAL, STATE OR NATIONAL CODE IS IN CONFLICT WITH THESE DRAWINGS.

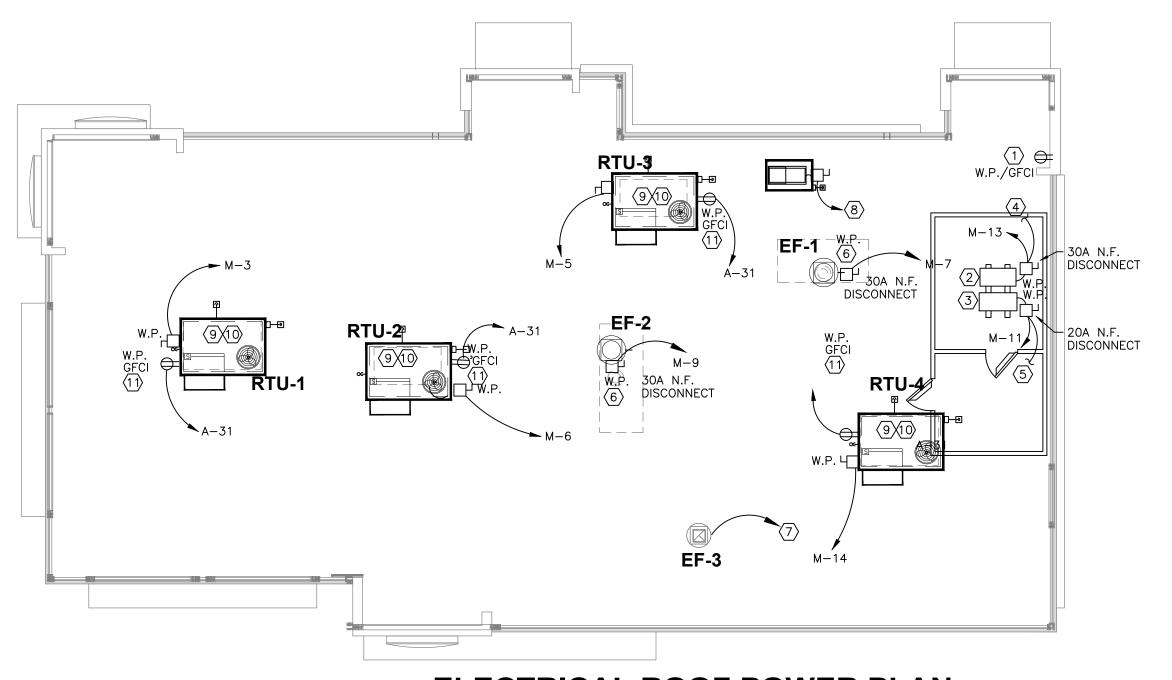
ELECTRICAL CONTRACTOR (EC) - WALK-IN COOLER/FREEZER:

- A. EC TO PROVIDE AND INSTALL A HEATING ELEMENT ON THE COOLER AND FREEZER CONDENSATE DRAIN LINES.
- B. EC TO CONNECT THE PRIMARY ELECTRICAL SERVICE TO THE CONDENSING UNITS AND INTER-WIRE TO THE EVAPORATOR COIL(S), CONTROLS, LIGHTING FIXTURES AND DOOR PERIMETER HEATERS.



KEYED NOTE - ROOF:

- (1) OPTIONAL WEATHERPROOF OUTLET 30" A.F.R. FOR TV VIDEO CAMERA. RUN CONDUIT TO BLDG. INT., VERIFY SIZE AND LOCATION WITH OWNER.
- REMOTE FREEZER COMPRESSOR CONDENSING UNIT.
- REMOTE COOLER COMPRESSOR CONDENSING UNIT.
- TO FREEZER EVAPORATOR. TO COOLER EVAPORATOR.
- STUB-UP CONDUIT ADJ. TO ROOF CURB AND PROVIDE SEAL TIGHT CONNECTION TO DISCONNECT WITH SUFFICIENT SLACK TO ALLOW REMOVAL OF FAN FOR SERVICING.
- $\langle 7 \rangle$ FOR CONTINUATION, SEE LIGHTING PLAN, SHEET E-1.
- \langle 8 angle DOWN TO ICE MACHINE.
- (9) SEE ELECTRICAL RISER SHEET E-3 FOR ELECTRICAL REQUIREMENTS TO MECHANICAL EQUIPMENT
- (10) RUN CONTROL WIRES VIA MASTER RELAY CONTROL PANEL. SEE SHEET E-5.
- (11) 120V/ 10 WATER PROOF, GFCI RECEPTACLE BY ELECTRICAL CONTRACTOR.



ELECTRICAL ROOF POWER PLAN

	Issued:		Date:				
Α	BKC Approval		10/29/2021				
В	Permit Set		1/21/2022				
С	Bid Set		1/24/2022				
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	Revisions:		Date:				
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PR	OJECT ARCHITECT/EN	GINEEK	DATE				
PR	OJECT LEAD		DATE				
PR	OJECT DESIGNER		DATE				
	Copyrigh APD Engineering & G15 Fish Victor, N 38572.	Architecture, LLC					
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need for additional dimensions or clarifications.

- CT CABINET

----REAR DOOR

ALARM

+48" A.F.F.

√W.P.

-+90" A.F.F.

∠ WP/GFCI +18" A.F.F.





Burger King Inc. Store # 322 Pottstown Ave Pennsburg, PA 18073

Montgomery County Project Name & Location:

Electrical power Drawing Name:

Project No. Date: 11/8/2021 21-0327 Type:ROC-25021 E-2

Drawn By: MK

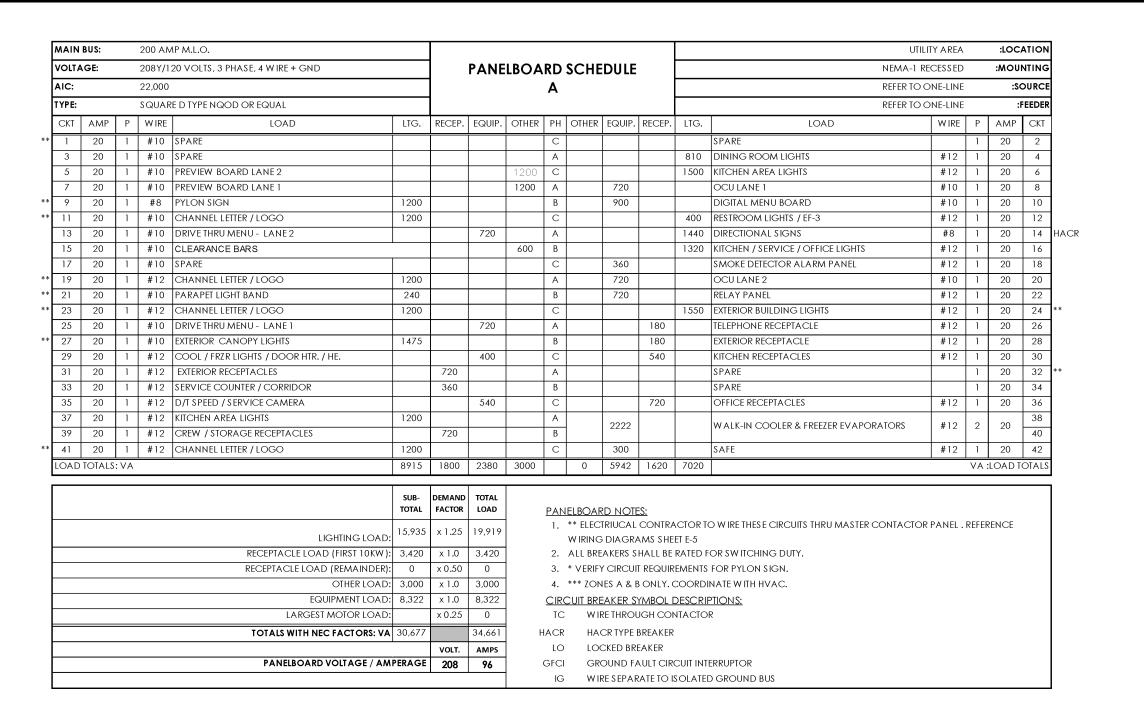
Scale: As Noted | Drawing No.

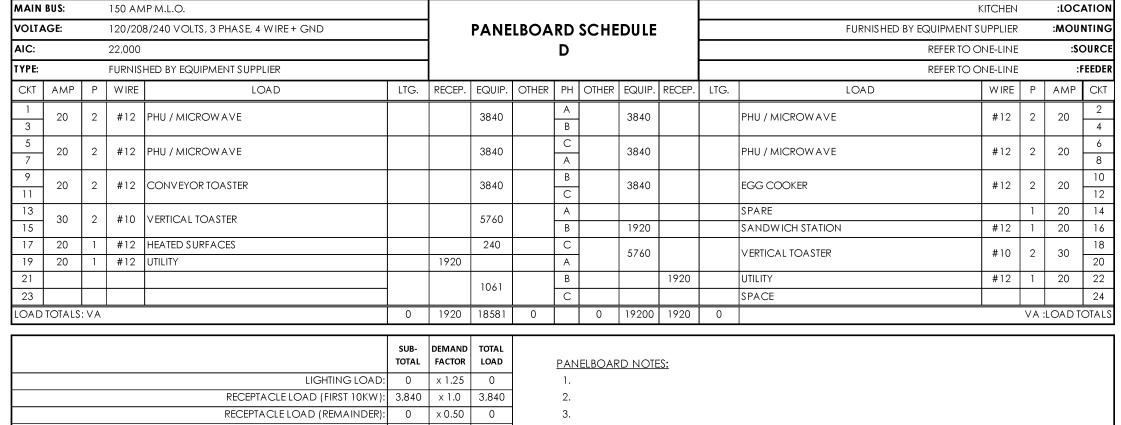
	N BUS	600 AMP MCB											UT	ILITY AREA		:LOC	OITA			
VOI.	TAGE:	E : 208Y/120 VOLTS, 3 PHASE, 4 WIRE					PANELBOARD SCHEDULE								NEMA-1 RECESSED				:MOUNTING	
AIC:	IC: 42,000					l M								UTILITY			:SOURC			
TYPE	:	SQUARE D TYPE I LINE OR EQUAL				<u> </u>							REFER TO	ONE-LINE		:FEEDER				
СКТ	- A1	MP	Р	W IRE	LOAD	LTG.	RECEP.	EQUIP.	OTHER	PH	OTHER	EQUIP.	RECEP.	LTG.	LOAD	WIRE	Р	AMP	CKT	
1	20	00	3	#3/0	PANEL A	15935	3420	8322	3000	A B C	0	38714	8037	0	PANEL B	#3/0	3	200	2	
3	5	50	3	#8	RTU-1				9420	A B C	0	37781	3840	0	PANEL D	#1/0	3	150	4	
5	5	50	3	#8	RTU-3				9420	A B C	9420				RTU-2	#8	3	50	6	
7	2	20	2	#8	EF-1			800		A B C		9720			CONVECTION OVEN	#10	3	30	8	
	+,	20	2	#8	EF-2			1200		Α							SPACE			
9			_		LI -Z			1200		В									10	
	1	15	1	#12						С							_			
11	2	20	2	#12	W ALK-IN BOX COOLER CONDENSER				930	A B	3400				FROZEN COKE MACHINE	#10	2	30	12	
	_									С										
13	3	30	3	#10	W ALK-IN BOX FREEZER CONDENSER				9072	A B C	9420				RTU-4	#8	3	50	14	
LOA	D TOT	TALS:	<u> </u> √ A			15935	3420	10322	31842		22240	86215	11877	0			VA	:LOAD 1	OTAL:	
						SUB-TOTAL	DEMAND FACTOR					rd note								
					LIGHTING LOAD:	15,935	x 1.25	19,919		1.										
					RECEPTACLE LOAD (FIRST 10KW):	10,000	x 1.0	10,000		2.										
					RECEPTACLE LOAD (REMAINDER):	5,297	x 0.50	2,649	-	3.										
\vdash					OTHER LOAD: EQUIPMENT LOAD:	54,082 96,537	x 1.0	54,082 96,537	-	CID		EAKER S	V	רפירטי	DTIONS:					
					LARGEST MOTOR LOAD:	70,337	x 0.25	0	1	TC		e <u>aker s</u> Re throi								
					TOTALS WITH NEC FACTORS: VA	181,851	7, 0.20	183,186		HACR		CR TYPE			•					
							VOLT.	AMPS	1	LO	LO	CKED BR	EAKER							

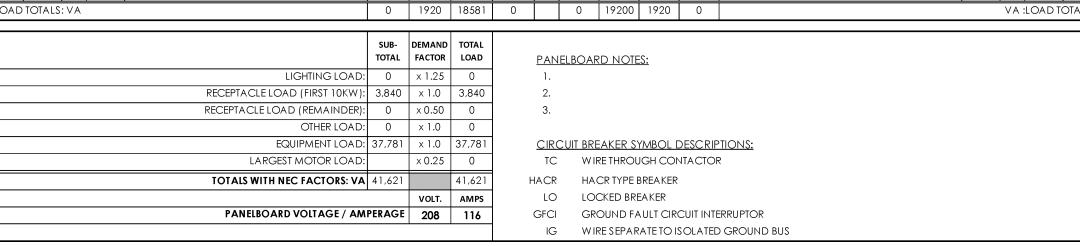
IG WIRE SEPARATE TO ISOLATED GROUND BUS

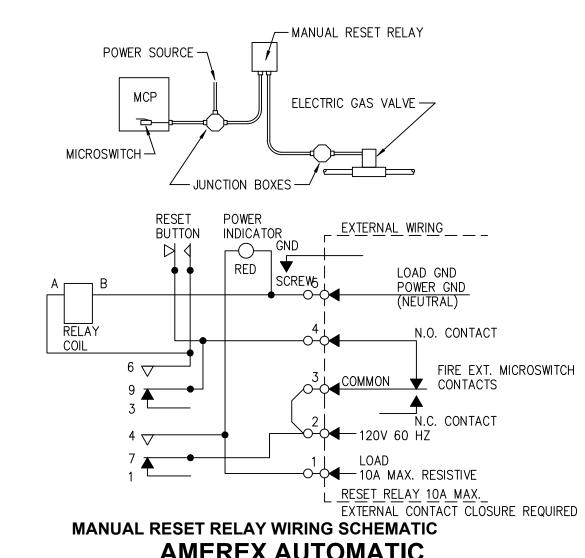
VOLT	AGE:		208Y/1	20 VOLTS, 3 PHASE, 4 WIRE + GND		PANELBOARD SCHEDULE							NEMA-1 RECESSED :MOUNTI			NTING		
AIC:			22,000						В					REFER TO ONE-LINE :SOU			OURCE	
TYPE:	:		SQUAF	RE D TYPE NQOD OR EQUAL		1								REFER TO	ONE-LINE		:	FEEDER
CKT	AMP	Р	WIRE	LOAD	LTG.	RECEP.	EQUIP.	OTHER	РН	OTHER	EQUIP.	RECEP.	LTG.	LOAD	WIRE	Р	AMP	CKT
1	20	1	#12	SELF-SERVE DRINK DISPENSER			2070		Α					SPARE		1	20	2
3	20	1	#12	P.O.S. RECEPTACLES		1320			В		360			U/C REFRIGERATOR	#12	1	15	4
5	20	1	#12	P.O.S. RECEPTA CLES		1320			С		400			BROILER	#10	1	20	6
7	20	1	#12	DRIVE-THRU DRINK DISPENSER			2070		Α		912			MEAT FREEZER	#12	1	20	8
9	20	1	#12	REAR DOOR BUZZER			720		В			576		SERVICE CTR / D.T. RECEPTACLE	#12	1	20	10
11	20	1	#12	DOOR ALARM			720		С		1344			FRY CONTROL		1	20	12
13	20	1	#12	W ATER HEATER			180		Α		700			MEAT FREEZER	#12	1	20	14
15									В		720			FRY FREEZER	#12	1	20	16
17	20	3	#20	SHAKE/SOFTSERVE#15(LEFT)			3120		С			540		DINNING AREA RECEPTACLES	#12	1	20	18
19									Α		2600			ICE MACHINE	#12	2	20	20
21	20	2	#12	COFFEE/TEA BREWER			3640		В									22
23									С			1560		4 V AT FRYER	#12	1	20	24
25	20	1		SHORTENING STORAGE UNIT			500		Α			1000		WALL GRAPHICS	#10	1	20	26
27	20	1	#12	W ATER BOOSTER			1428		В			1000		W A L L GRAPHICS	#10	1	20	28
29	20	1		SPARE					С		8320			FRY DUMP STATION	#10	2	40	30
31	20	1	#12	CHICKEN BATTER STATION			500		Α									32
33									В		2496			FRY HOLD CABINET	#12	2	30	34
35	20	3	#10	TRASH COMPACTOR			3058		С						#10			36
37		١,		CDA DE					A		576			POWER SOAK SOAP DISP. (OPT.) 4.8A	#12		20	38
39	20	1		SPARE					В		2280	701		POWER SOAK SINNK (OPT.) 19A	#12		30	40
41	20	1	#10	SPARE			1.450		C		/00	721		DINNING AREA RECEPTACLES	#12	1	20	42
43	20	1	#10	SMOOTHIE BLENDER/U.C REFRIG.			1450		A		690			12V SODA SYSTEM W /ICE SPARE	#12	1	20	44
45 47	20	1		SPARE SPARE					В					SPARE		1	20	46 48
47	20	1	+	SPARE					A					SPARE		1	20	50
51	20	1		SPARE					В					SPARE		1	20	52
53	20	+ 1		SPARE					С					SPARE		1	20	54
	D TOTAL	<u>'</u> ۲۰۱۷		STAKE	0	2640	18006	0		0	20708	5307	0	or Arc		1/ /	:LOAD T	
LOAL	JIOIAL	3. V	`		U	2040	10000	0 1		Ŭ	20700	3377	Ü			*^	.LOAD I	OIALS
					SUB- TOTAL	DEMAND FACTOR	TOTAL LOAD	F	PANI	ielboar	d note	S·						
				LIGHTING LOAD:	0	×1.25	0	_	1.	* PROVI	DE ISOL	ATED GR						
				RECEPTA CLE LOAD (FIRST 10KW):	8,037	× 1.0	8,037	2. ** CONTRACTOR SHALL WIRE THESE CIRCUITS THRU MASTER CONTACTOR PANEL. REFERENCE WIRING DIAGRAM SHEET E-5.										
				RECEPTACLE LOAD (REMAINDER):	0	× 0.50	0		3.	HL PRO\	/IDE HLC)-1 HAN[DLE LOC	K-OFF.				
				OTHER LOAD:	0	×1.0	0											
				EQUIPMENT LOAD:	38,714	× 1.0	38,714] _	CIRC	CUIT BRE	AKER S	MBOL [DESCRIE	PTIONS:				
				LARGEST MOTOR LOAD:		× 0.25	0		TC	WIR	E THROL	IGH CON	NTACTO	?				
				TOTALS WITH NEC FACTORS: VA	46,751		46,751	H.A	4CR	HAC	OR TYPE E	BREAKER						
						VOLT.	AMPS	1	LO	LOC	CKED BRE	AKER						
				PANELBOARD VOLTAGE / AM	PERAGE	208	130	G	SFCI	GRO	DUND FA	ULT CIR	CUIT INT	ERRUPTOR				
]	IG	WIR	E S EPA R	ATE TO I	SOLATE	GROUND BUS				

MAIN BUS: 200 AMP M.L.O.





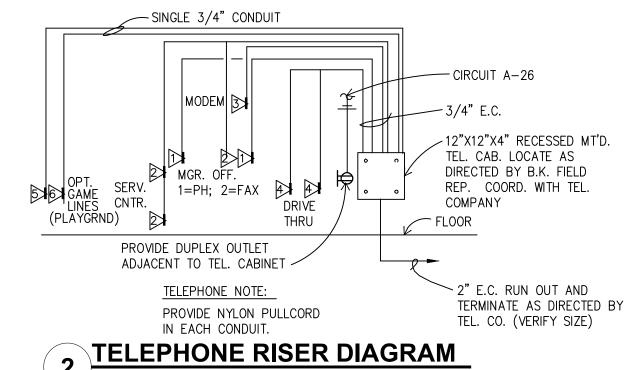


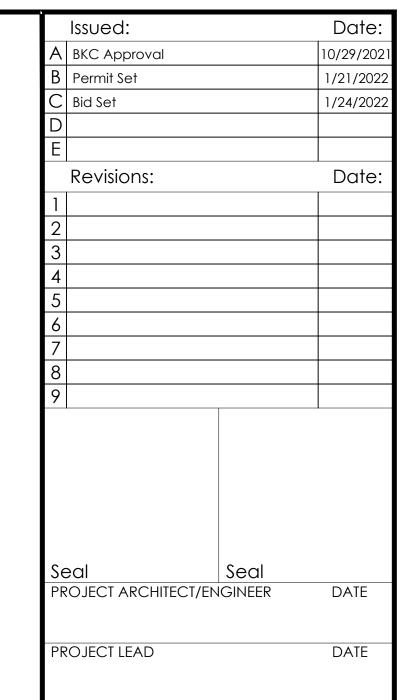


AMEREX AUTOMATIC FIRE CONTROL SYSTEM

SCALE: NONE

SCALE: NONE





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PROJECT DESIGNER

DATE

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Burger King Inc. Store # 322 Pottstown Ave Pennsburg, PA 18073 Montgomery County

Project Name & Location:

Electrical Panels and Risers

AND FEEDERS WITHIN 5 FEET OF BK BUILDING AT AT METER LOCATION. UTILITY ENTRANCE. REFER TO DEVELOPER DRAWINGS FOR ADDITIONAL INFORMATION -#6 COPPER SOLID (GROUND) Drawing Name: # 2/0 (CU) 3/4" C.— -4#350 KCMIL IN EACH OF 2 - 3" C. Project No. (SERVICE TO MDP TO BE RUN UNDERGROUND) Date: 11/8/2021 21-0327 5/8"x10FT. COPPERCLAD GROUNDING RODS - METALLIC COLD WATER PIPE FEEDER SIZES PRIOR TO CONSTRUCTION Type:ROC-2502T ELECTRICAL RISER DIAGRAM -BLDG FOUNDATION STEEL Drawn By: MK E-3 SCALE: NONE Scale: As Noted | Drawing No.

RISER NOTES:

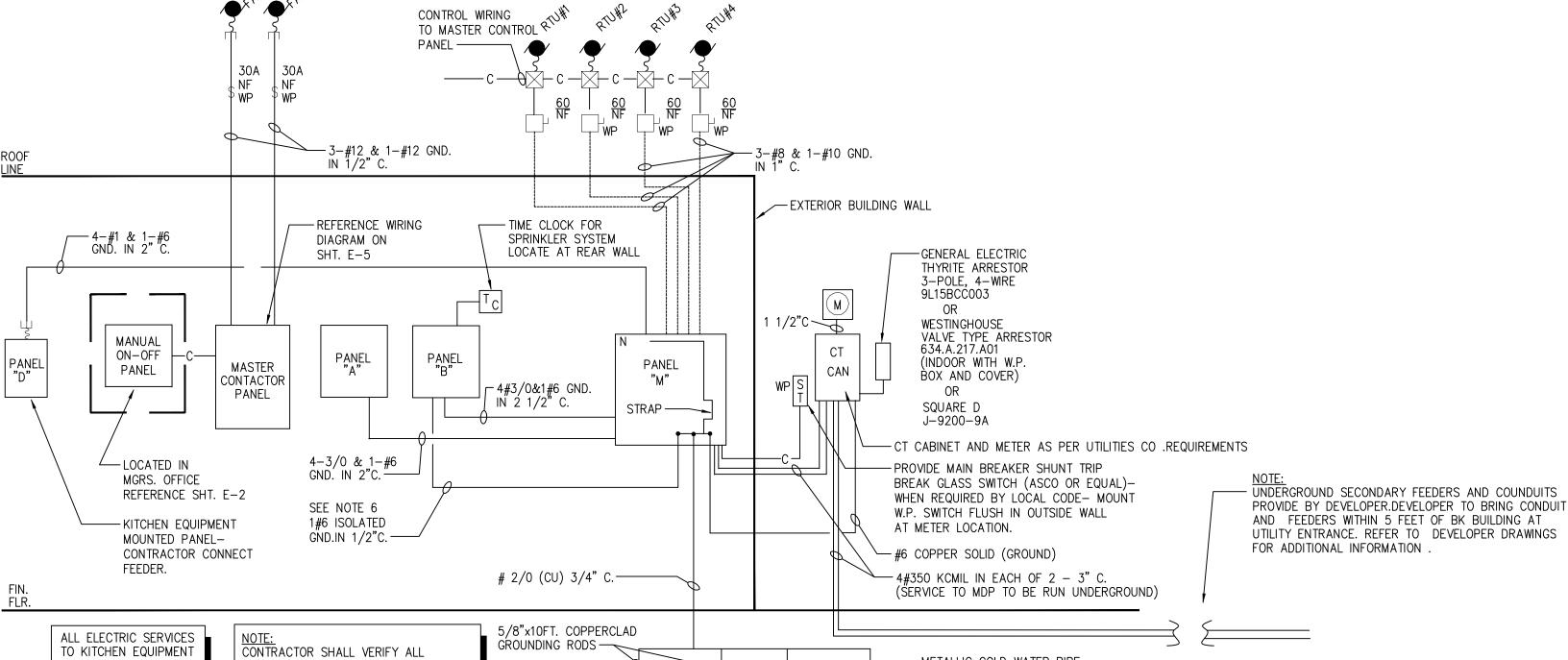
UTILITY AREA :LOCATION

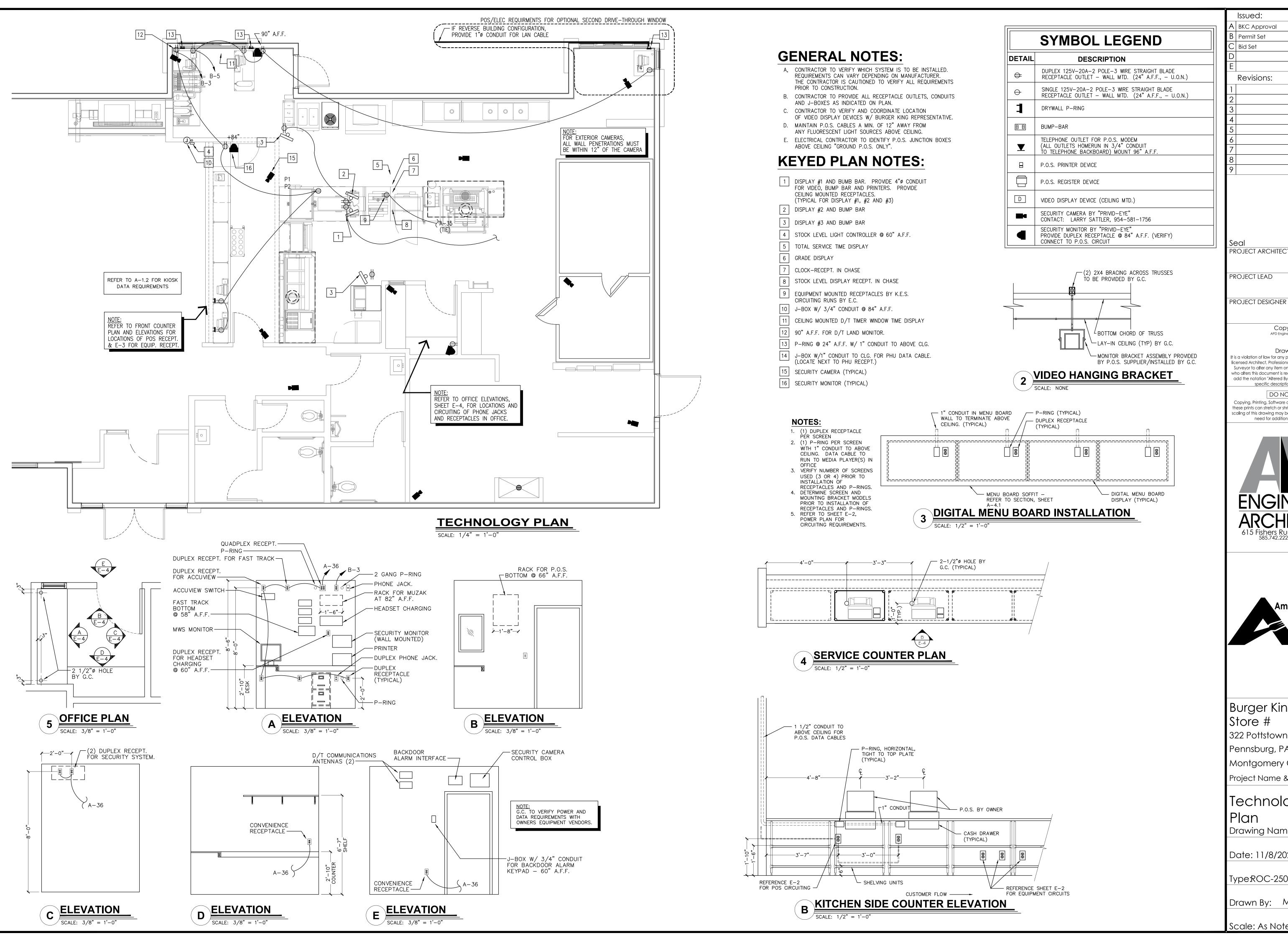
- 1. ALL FUSED DISCONNECT SWITCHES TO BE PROVIDED BY CONTRACTOR.
- 2. REFER TO PANEL NOTES.
- 3. REFER TO GENERAL NOTES, SHEET E-2
- 4. "T.C." INDICATES TIME CLOCK (OR TIME SWITCH) 5. SEE MASTER CONTACTOR PANEL WIRING DIAGRAM FOR ADDITIONAL CIRCUITS FROM PANELS THAT ARE CONTROLLED THROUGH THE MASTER CONTACTOR PANEL
- 6. PROVIDE AN ISOLATED GROUND BUS IN PANEL & RUN CIRCUIT GROUND WIRE TO THIS BUS. RUN A #6 GREEN GROUND FROM THIS BUS TO MAIN SERVICE GROUND POINT.

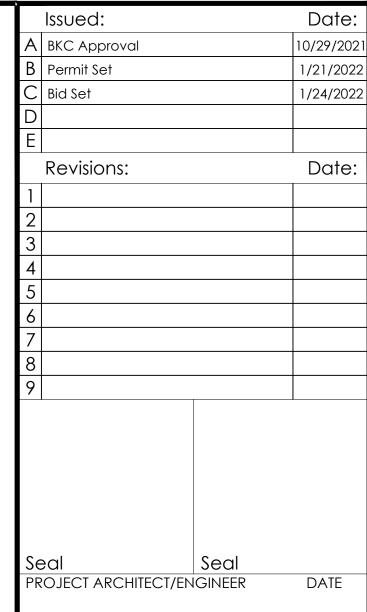
SHALL BE OVERHEAD

7. MASTER CONTACTOR PANEL AND MANUAL ON-OF PANEL TO BE INCLUDED IN ELECTRICAL CONTRACTORS SCOPE OF WORK.

ELECTRICAL DISTRIBUTION PANELS, MASTER CONTACTOR PANEL AND MANUAL ON/OFF PANEL MAY BE PURCHASED AS A LOOSE GEAR PACKAGE THROUGH: SUNCOAST ENVIRONMENTAL CONTROLS, INC. 8566 115TH AVENUE NORTH PHONE (877) 544-6679







DATE PROJECT LEAD

DATE

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Burger King Inc. Store #

322 Pottstown Ave

Pennsburg, PA 18073 Montgomery County

Project Name & Location:

Technology Plan

Drawing Name: Project No. Date: 11/8/2021 21-0327

Type:ROC-2502T

E-4 Drawn By: MK

Scale: As Noted Drawing No.

<u>"MORNING ARRIVAL"</u>

STEP 1

TURN THE KITCHEN UNOCCUPIED-OCCUPIED SWITCH TO THE THE OCCUPIED POSITION. THE KITCHENS AIR CONDITIONING SYSTEM WILL GO FROM NIGHT SETBACK MODE TO THE THERMOSTAT SET POINT.

NOTE: THE AIR CONDITIONING FAN WILL START AND RUN CONTINUOUSLY. EXHAUST FAN WILL NOT RUN UNTIL THIS SWITCH IS IN THE OCCUPIED POSITION.

TURN ON THE EXHAUST FAN SWITCH TO THE ON POSITION THIS WILL ALLOW YOU TO TURN ON THE FRYERS AND BROILER.

"RESTAURANT OPEN FOR **BUSINESS**"

TURN THE DINING UNOCCUPIED-OCCUPIED SWITCH TO THE THE OCCUPIED POSITION. THE DINING AIR CONDITIONING SYSTEM WILL GO FROM NIGHT SETBACK MODE TO THE THERMOSTAT SET POINT.

TURN THE SIGN AND PARKING LOT LIGHTING SWITCHES TO THE AUTO POSITION, THIS WILL ENGAGE THE LIGHTING PHOTOCELLS SO THAT THE LIGHTS WILL AUTOMATICALLY COME ON AFTER DARK. TURN THE SWITCH TO THE ON POSITION TO OVER RIDE THE PHOTOCELLS AT ANY TIME THE LIGHTING MUST REMAIN ON.

"RESTAURANT CLOSE FOR **BUSINESS**"

STEP 1

TURN THE DINING UNOCCUPIED-OCCUPIED SWITCH TO THE UNOCCUPIED POSITION. THE DINING AIR CONDITIONING SYSTEM WILL GO FROM THE THERMOSTAT SET POINT TO THE NIGHT SET BACK MODE.

TURN THE SIGN AND PARKING LOT LIGHTING SWITCHES TO THE OFF POSITION, THIS WILL DISENGAGE THE LIGHTING PHOTOCELLS.

TURN THE EXHAUST FAN SWITCH TO THE OFF POSITION THE BROILERS EXHAUST FAN WILL CONTINUE TO RUN FOR 15 MINUTES FOR A COOL DOWN CYCLE, AND THEN SHUT OFF

NOTE: THE FRYERS AND BROILER SHOULD BE TURNED OFF AND ALLOWED TO COOL DOWN BEFORE TURNING THE HOOD OFF. TO PREVENT ACCIDENTAL ANSUL DISCHARGE, THE BROILERS HOOD WILL ALWAYS RUN 15 MINUTES AFTER THE EXHAUST FAN SWITCH IS TURNED TO THE

"EMPLOYEES LEAVING THE BUILDING'

STEP 1

WHEN READY TO EXIT THE BUILDING PUSH THE SECURITY DEPARTURES SWITCH. THE PARKING LOT LIGHTS WILL COME BACK ON FOR 15 MINUTES THEN SHUT OFF AUTOMATICALLY.

"MANAGER/LAST PERSON LEAVING THE BUILDING"

STEP 1

TURN THE KITCHEN UNOCCUPIED-OCCUPIED SWITCH TO THE UNOCCUPIED POSITION. THE KITCHENS AIR CONDITIONING SYSTEM WILL GO FROM THE THERMOSTAT SET POINT TO THE NIGHT SET BACK MODE.

WHEN READY TO EXIT THE BUILDING PUSH THE SECURITY DEPARTURE SWITCH. THE PARKING LOT LIGHTS WILL COME BACK ON FOR 15 MINUTES THEN SHUT OFF AUTOMATICALLY.

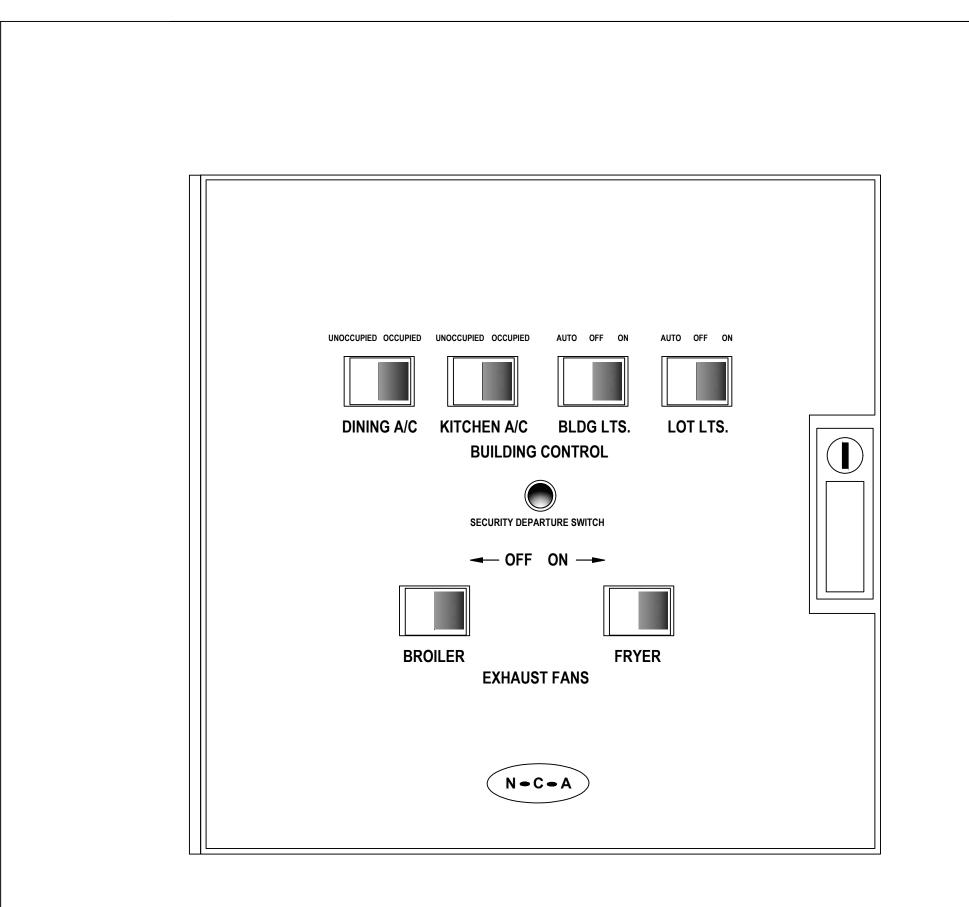
<u>"HOOD VENTILATION SYSTEM</u>

WHEN THE HOOD EXHAUST FAN CURRENT SENSOR DETECTS A DROP IN AMPERAGE (SUCH AS A BELT BREAKING) IT WILL DISABLE THE LINE VOLTAGE TO THE EXHAUST FAN(S), FRYER AND BROILER APPLIANCES. THE EXHAUST FAN SWITCH SHOULD BE PLACED IN THE OFF POSITION AND THE FAN SHOULD BE CHECKED AND/OR REPAIRED BEFORE TURNING THE SWITCH TO THE ON POSITION.

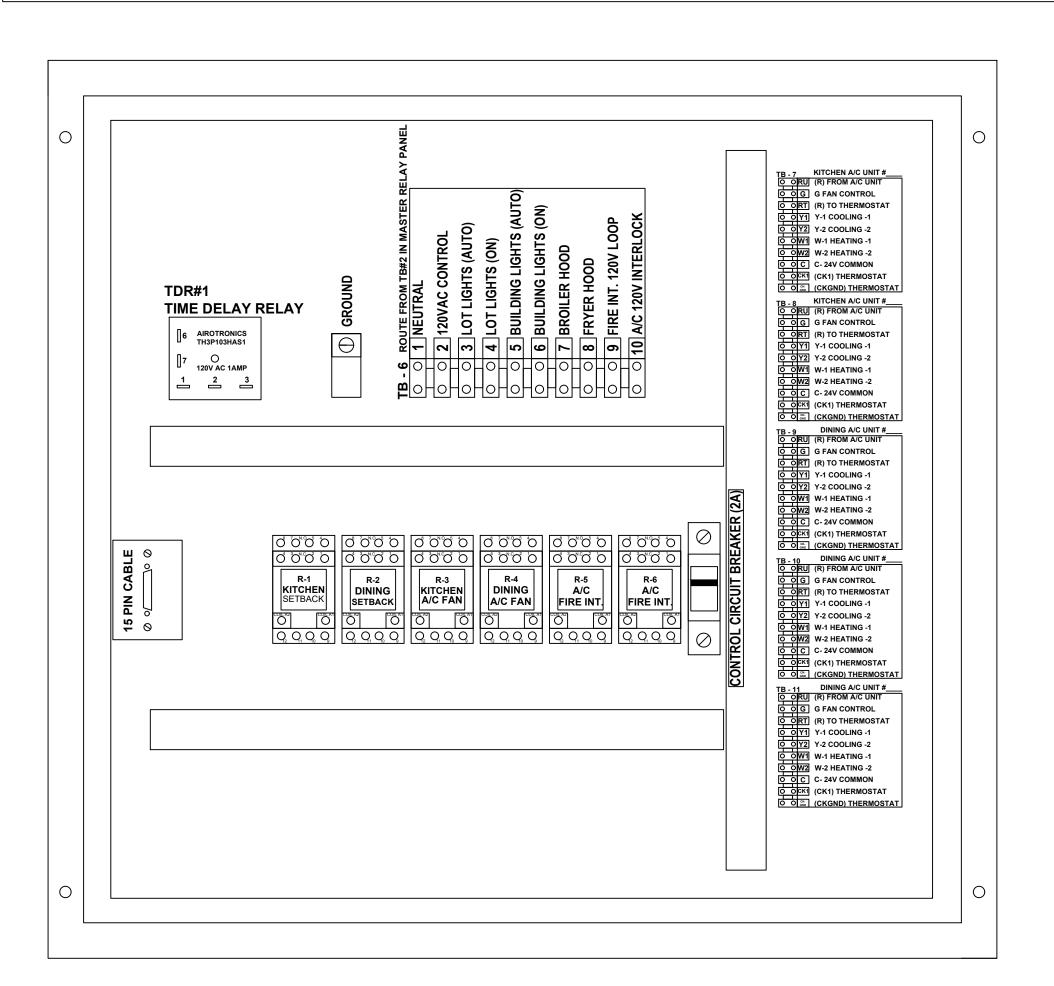
"PARKING LOT LIGHTING NOTE"

WHEN THE PARKING LOT LIGHTS ARE TURNED OFF, THEY MUST COOL DOWN FOR ABOUT 10 MINÚTES BEFORE THEY WILL COME BACK ON.

*NOTE: IF IT IS NECESSARY TO ADJUST THE AMPERAGE OF THE BROILER EXHAUST HOOD FAN MOTOR, THE FAN MOTOR CURRENT SENSOR MUST BE RESET AS FOLLOWS: ADJUST UNDERCURRENT POTENTIOMETER TO MAXIMUM (CLOCKWISE IS MAXIMUM.) APPLY CURRENT. ONCE CURRENT IS STABÍLIZED, DECREASE UNDERCURRENT POT UNTIL RED LIGHT TURNS OFF. WITHIN SEVEN SECONDS TURN UP UNTIL RED LIGHT TURNS ON. IF A LIGHT REMAINS OFF FOR MORE THEN TEN SECONDS, DISCONNECT SUPPLY VOLTAGE TO RESET. SEE INSTALLATION INSTRUCTIONS PN MRP COVER.







SEQUENCE OF OPERATION

MANUAL CONTROL SYSTEM

THE A/C UNITS UNOCCUPIED-OCCUPIED SWITCH IS USED TO: TURN THE STORE ON IN THE MORNING AND OFF IN THE EVENING.

WHEN A/C UNIT UNOCCUPIED-OCCUPIED SWITCH IS TURNED TO THE ON POSITION: THE AIR CONDITIONING SYSTEM WILL GO FROM NIGHT MODE TO SYSTEM ON.

THE AIR CONDITIONING FANS WILL START AND RUN CONTINUOUSLY.

THE OUTDOOR DAMPERS WILL OPEN TO A PRESET POSITION. (OPTIONAL)

DAMPERS WILL NOT OPEN DURING NIGHT SET BACK MODE. (OPTIONAL)

THE AIR CONDITIONERS WILL BEGIN TO COOL OR HEAT AT THE OCCUPIED TEMPERATURE SETPOINT

THE COOKING EQUIPMENT AND EXHAUST FANS CAN NOW BE TURNED ON WHEN NEEDED.

WHEN A/C UNOCCUPIED-OCCUPIED SWITCH IS TURNED TO THE OFF POSITION: EXHAUST FANS, SUPPLY FANS, AND EVAPORATOR BLOWERS WILL SHUT DOWN.

THE HEATING AND COOLING OPERATION SHALL REVERT TO SYSTEM NIGHT SET BACK MODE.

THE COOKING EQUIPMENT SHALL BE DISABLED.

THE SIGNAGE LIGHTING & LOT LIGHTING SHALL BE DISABLED IF SWITCHES ARE IN THE OFF POSITION.

THE PARKING LOT POLE LIGHTS & SECURITY LIGHTS SHALL REMAIN ON FOR 15 MIN AFTER THE SECURITY DEPARTURE SWITCH IS ACTIVATED.

WHEN THE HOOD EXHAUST FAN CURRENT SENSOR DETECTS A DROP IN AMPERAGE IT WILL DISABLE THE LINE VOLTAGE TO THE FRYER AND BROILER APPLIANCES.

HOOD VENTILATION SYSTEM

IF THE HOOD VENTILATION SWITCH IS IN THE OPEN POSITION, THE HOOD VENTILATION SYSTEM CAN BE STARTED.

THE BROILER SYSTEM AND THE FRYER SYSTEM SHALL BE STARTED BY MOVING THE ON/OFF SWITCH TO THE ON POSITION. IF EITHER THE BROILER OR FRYER SWITCH IS IN THE ON POSITION, THE MAKE-UP AIR UNIT (IF APPLICABLE) SHALL START AUTOMATICALLY.

ACTIVATION OF THE HOOD FIRE SUPPRESSION SYSTEM SHALL DE-ENERGIZE THE MAKE UP AIR UNIT, ALL A/C UNITS, AND THE CONTROLLED COOKING EQUIPMENT. THE BROILER AND THE FRYER EXHAUST SYSTEM SHALL CONTINUE TO OPERATE. THE FIRE SUPPRESSION SYSTEM SHALL BE MANUALLY RESET.

EXTERIOR LIGHTING CONTROL

ALL OF THE EXTERIOR LIGHTING SHALL BE CONTROLLED, WITH THE EXCEPTION OF THE SECURITY LIGHTS WHICH SHALL BE OPERATED BY ITS OWN PHOTOCELL. SECURITY LIGHTING IS OPTIONAL.

THE SIGNAGE SELECTOR SWITCH (3-POS.) CONTROLS THE PRIME SIGN, ALL MARQUEE SIGNS, AND BUILDING ACCENT LIGHTING.

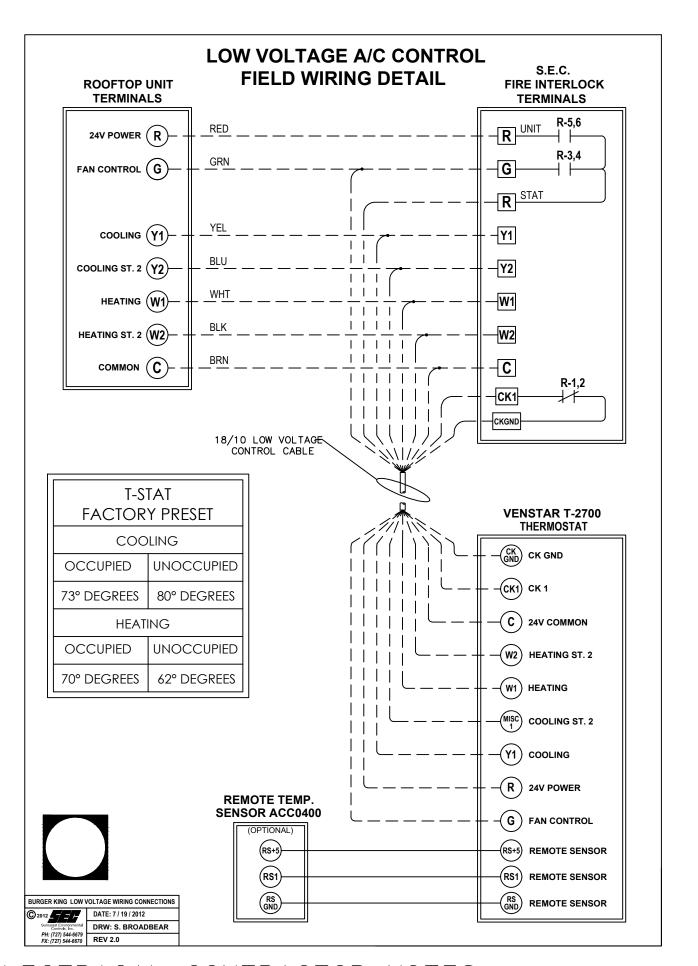
ON POSITION: LIGHTING SHALL BE ON PERMANENTLY.

OFF POSITION: LIGHTING SHALL BE OFF PERMANENTLY.

AUTO POSITION: LIGHTING SHALL BE CONTROLLED BY THE PHOTO CELL

THE LOT LIGHTS THREE POSITION SWITCH WORKS THE SAME AS THE SIGNAGE SWITCH.

NOTE: UNOCCUPIED-OCCUPIED / MASTER RELAY PANEL SHALL BE COMPLETE WHEN SHIPPED TO THE JOB SITE, NO INTERNAL WIRING SHALL BE REQUIRED. MAKE ALL EXTERNAL WIRING CONNECTIONS AS REQUIRED.



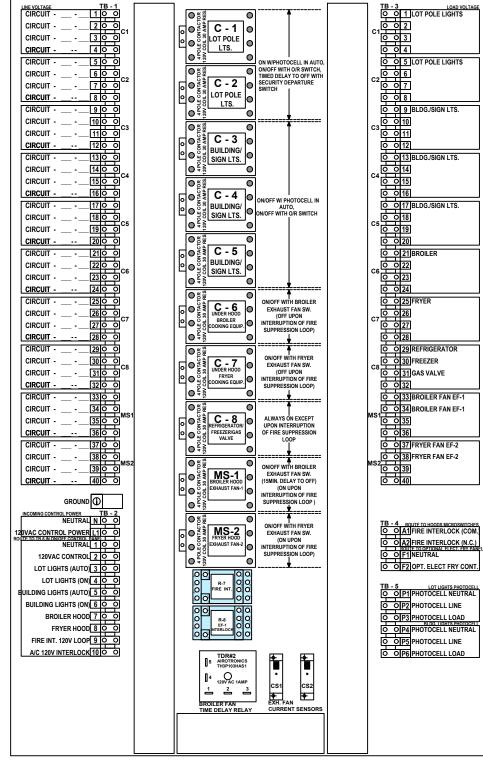
ELECTRICAL CONTRACTOR NOTES:

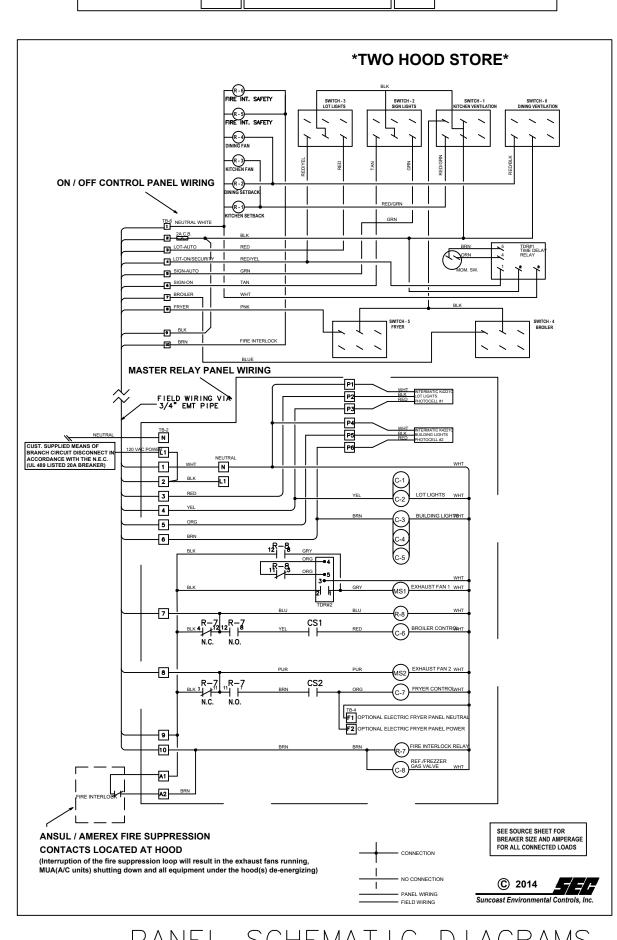
- 1. RUN ONE (10) CONDUCTOR 18 GAUGE THERMOSTAT CABLE FROM THE ROOFTOP AIR CONDITIONING UNIT TO THE "UNOCCUPIED-OCCUPIED" PANEL.
- 4. TERMINATION OF ALL 24 VOLT AIR CONDITIONING CONTROL WIRING SHALL BE DONE BY THE MECHANICAL CONTRACTOR.
- 5. ELECTRICAL CONTRACTOR SHALL RUN LINE VOLTAGE FROM THE CURRENT SENSOR 2. RUN ONE (10) CONDUCTOR 18 GAUGE THERMOSTAT CABLE FROM THE "UNOCCUPIED-LOCATED IN THE BROILER HOOD EXHAUST FAN TO THE CONTACTOR PANEL LOCATED BY THE SWITCHGEAR.
- 3. RUN ONE (10) CONDUCTOR 18 GAUGE THERMOSTAT CABLE FROM THE ROOFTOP AIR CONDITIONING UNIT TO THE NIGHT SETBACK THERMOSTAT LOCATION. IF NOT CONTROLLED WITH P-374-2700 T-STAT. REFER TO SHEET M-1

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PANEL SCHEMATIC DIAGRAMS

	Issued:	Date:
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Α	BKC Approval	10/29/2021
В	Permit Set	1/21/2022
С	Bid Set	1/24/2022
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	Revisions:	Date:
1		
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PROJECT ARCHITECT/EN	GINEER	DATE
PROJECT LEAD		DATE
PROJECT DESIGNER		DATE

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Burger King Inc. Store # 322 Pottstown Ave Pennsburg, PA 18073 Montgomery County Project Name & Location:

Master Contractor Panel Drawing Name:

Project No. Date: 11/8/2021 21-0327

Type:ROC-2502T

Drawn By: MK

Scale: As Noted

Drawing No.

E-5

