



BURGER KING

BURGER KING
1440 NAPPANEE ST.
ELKHART, IN 46514

NOTICE TO BIDDERS

THE "GENERAL CONTRACTOR," ITS "SUBCONTRACTORS," AND "VENDORS" SHALL REVIEW THE PROPOSED SITE FOR BIDDING PURPOSES AND TO FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS OF THE SITE AND PROPOSED SPACE. ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS (DRAWINGS) AND EXISTING CONDITIONS SHALL BE SUBMITTED IN WRITING TO THE "ARCHITECT" AND OWNER BY THE "GENERAL CONTRACTOR" FOR CLARIFICATION. BY FAILURE TO CLARIFY DISCREPANCIES, GC SHALL BEAR RISK AND COST, AT NO CHARGE TO OWNER TO RECTIFY. GC AND VENDOR TO CHECK DRAWINGS AND CALL/EMAIL ARCHITECT IN REGARDS TO MOST RECENT DRAWINGS BEFORE ORDERING, MANUFACTURING, AND GOING TO SITE.

PROJECT DATA

PROJECT LOCATION: BURGER KING 1440 NAPPANEE ELKHART, IN 46514	OWNER: TODD WILLIAMS TRIA COMPANY 4555 W. DICKMAN RD BATTLE CREEK, MI 49037	ARCHITECT/ ENGINEER: TECHNICAL GROUP, INC. 37716 HILLS TECH DR FARMINGTON HILLS, MI 48331 P: (248) 426-8000
EQUIPMENT: MYLES COUYOUMJIAN FRANKE FOODSERVICE 52 MEADOWOOD RD NORTH ANDOVER, MA 01845 myles.couyoumjian@franke.com 978.852.2959	DECOR: CURTIS TIANO FCC COMM. FURN. 8452 OLD HIGHWAY 99 N ROSEBURG, OR 97470 P: 574.232.4388 curtis.tiano@fccfurn.com	SURVEYOR/CIVIL: JONES PETRIE RAFINSKI 325 S LAFAYETTE BLVD SOUTH BEND, IN 46601 P: 574.232.4388 www.jpri-source.com

LOCAL AUTHORITIES

BUILDING DEPARTMENT CITY OF ELKHART 229 S 2ND ST. ELKHART, IN 46516 P: (574) 294-5474 F: (574) 389-1781	HEALTH DEPARTMENT ELKHART COUNTY HEALTH DEPARTMENT (ENVIRONMENTAL HEALTH) 4230 ELKHART RD. ELKHART, IN 46517 PHONE: (574) 971-4600
COMMUNITY AND ECON. DEVELOPMENT PLANREVIEW@COEL.ORG	(MEDICAL) 608 OAKLAND AVENUE ELKHART, IN 46516-2111 P: (574) 523-2127

CODE INFORMATION

PROJECT SCOPE: SCRAPE AND REBUILD BURGER KING

APPLICABLE CODES: 2014 INDIANA BUILDING CODE
2009 NATIONAL ELECTRIC CODE OF INDIANA
2012 INDIANA PLUMBING CODE
2014 INDIANA MECHANICAL CODE
2014 INDIANA FIRE CODE
INDIANA ENERGY CONSERVATION CODE
ANSI/ASHRAE 90.1, 2007

OCCUPANCY TYPE: A-2; ASSEMBLY (NON-SPRINKLED)
CONSTRUCTION TYPE: V-8; WOOD FRAME

PROPOSED OCCUPANCY LOAD CALCULATIONS:

TOTAL AREA OF BUILDING: 2,785 SF

PROPOSED SEAT COUNT: 52

NUMBER OF EMPLOYEES (INCLUDING OWNERS AND MANAGERS): 6

TOTAL: 58

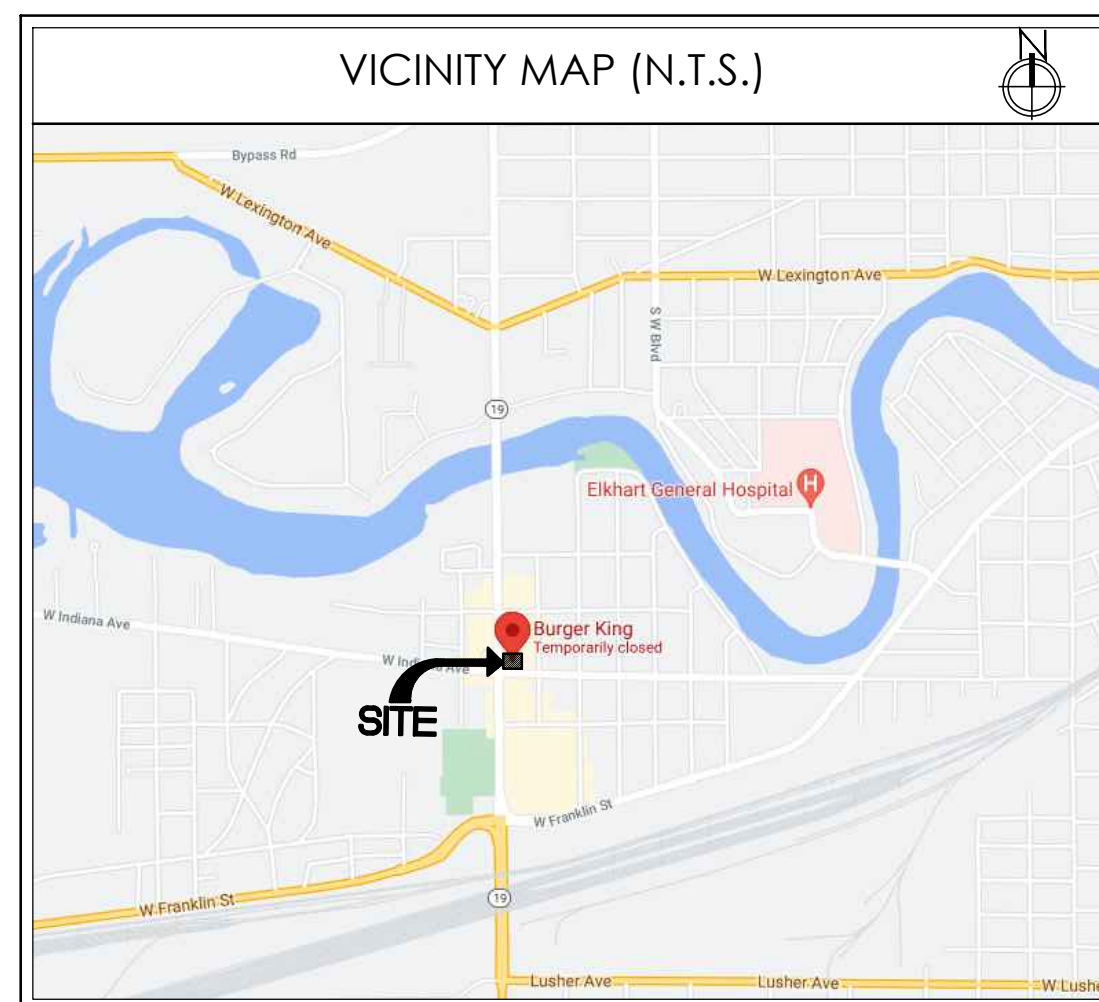
RESTROOM PLUMBING FIXTURES

FROM 2017 OBC, TABLE 2902.1

BUILDING OCCUPANCY CALCULATION (FROM TABLE 1004.1.1):
MAXIMUM OCCUPANTS (GREATEST OF OCCUP. CALCULATION OR SEAT COUNT NUMBERS) = 58
50% MALE AND 50% FEMALE = 58/2 = 29 EACH

29/75 = .39 = 1 WC EACH RESTROOM. (TABLE 2902.1)
29/200 = .15 = 1 LAV EACH RESTROOM. (TABLE 2902.1)

REQUIRED	MEN		WOMEN		W.C.	MEN		WOMEN	
	1	1	1	1		1	1	1	1
W.C. (1:75)	1	1	1	1	W.C.	1	1	1	1
URINAL* (1:200)	-	-	-	-	URINAL	-	-	-	-
LAVATORY (1:200)	1	1	1	1	LAVATORY	1	1	1	1



SHEET INDEX

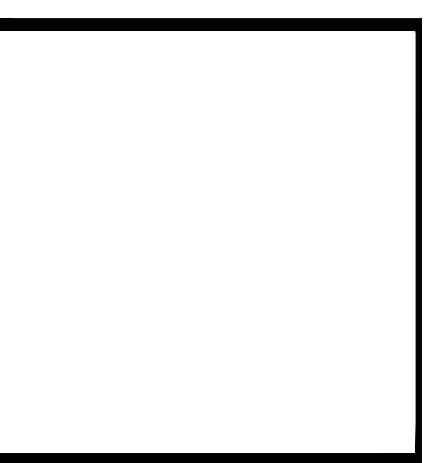
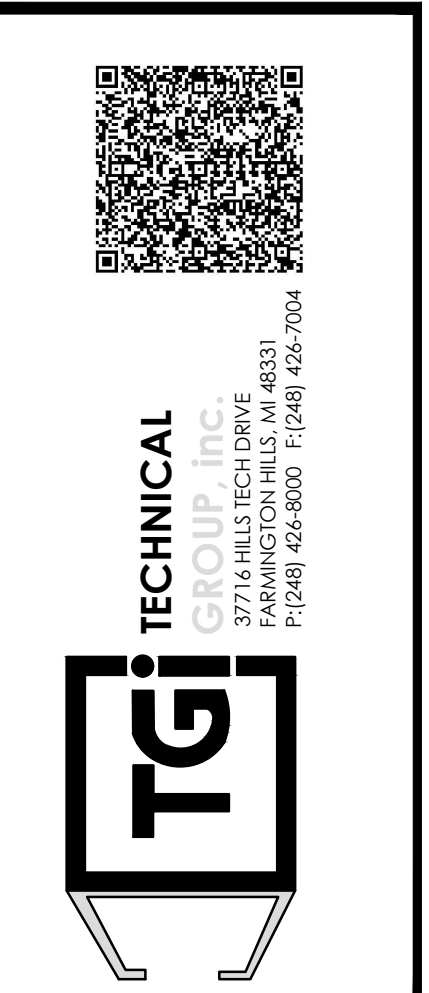
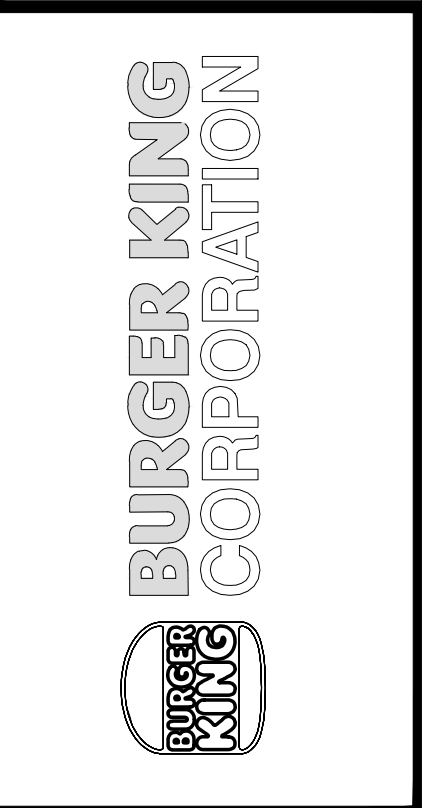
SHEET #	SHEET TITLE
T-1	COVER SHEET
CIVIL	
	ALTA (BY OTHERS)
C-1	DEMO SITE PLAN
C-2	PROPOSED SITE PLAN W/ DUMPSTER DETAIL
C-3	SITE DETAIL
C-3.1	TRASH ENCLOSURE DETAILS
C-4	SITE ELECTRICAL
C-5	GRADING PLAN (BY OTHERS)
LS-1	LANDSCAPE PLAN
SL-1	SITE LIGHTING (BY OTHERS)
STRUCTURAL	
S-1	FOUNDATION PLAN
S-1.1	FOUNDATION DETAILS
S-2	FRAMING PLAN
S-3	STRUCTURAL NOTES AND TRUSS PROFILES
ARCHITECTURAL	
A-1	FLOOR PLAN
A-1.1	MISCELLANEOUS DETAILS
A-2	EXTERIOR ELEVATIONS
A-2.1	EXTERIOR ELEVATIONS
A-2.2	EXTERIOR FINISH SCHEDULE
A-3	BUILDING SECTIONS
A-3.1	RESTROOM ELEVATIONS AND DETAILS
A-4	REFLECTED CEILING PLAN
A-4.1	DETAILS
A-5	ROOF PLAN AND DETAILS
A-6	WALL SECTIONS AND DETAILS
A-7	WALL SECTIONS AND DETAILS
A-8	WALL SECTIONS AND DETAILS
A-9	WALL SECTIONS AND DETAILS
A-10	DOOR AND WINDOW SCHEDULE
A-11	MANUFACTURERS AND SUPPLIERS
MPE	
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M-2	H.V.A.C ROOF AND DETAILS
M-3	BROILER - OVEN HOOD DRAWINGS
M-4	BROILER - OVEN HOOD DRAWINGS
M-5	BROILER - OVEN HOOD DRAWINGS
M-6	BROILER - OVEN HOOD CONTROLS
M-7	FRYER HOOD DRAWINGS
M-8	FRYER HOOD DRAWINGS
M-9	FRYER HOOD DRAWINGS
M-10	FRYER HOOD DRAWINGS
M-11	METAL - FAB DUCT INSTALLATION
P-1	SANITARY AND GREASY WASTE PLAN & RISER
P-2	WASTE & GAS PLAN AND RISERS
E-1	LIGHTING PLAN
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E-3	ELECTRICAL PANELS AND RISERS
E-4	TECHNOLOGY PLAN
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SHEET INDEX (CONT.)

SHEET #	SHEET TITLE
DECOR (BY OTHERS)	
D0.0	PROJECT COVER PAGE
D1.0	DINING ROOM SEATING LAYOUT
D1.1	DINING ROOM PRELIM. METALWORK LAYOUT
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D2.1	INTERIOR BUILDING ELEVATIONS
D2.2	INTERIOR BUILDING ELEVATIONS
D2.3	INTERIOR BUILDING ELEVATIONS
D3.0	DECOR ELEVATIONS
D3.1	DECOR ELEVATIONS
D4.0	DINING ROOM REFLECTED CEILING PLAN
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D6.0	INTERIOR WALL FINISHES
D7.0	G.C. PROVIDED ITEMS AND DETAILS
D7.1	WAYFINDING AND SIGNAGE
D8.0	SPECIFICATIONS
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D8.4	SPECIFICATIONS
D8.5	SPECIFICATIONS
D8.6	SPECIFICATIONS
D8.7	SPECIFICATIONS
D9.0	VERIFICATION PLAN

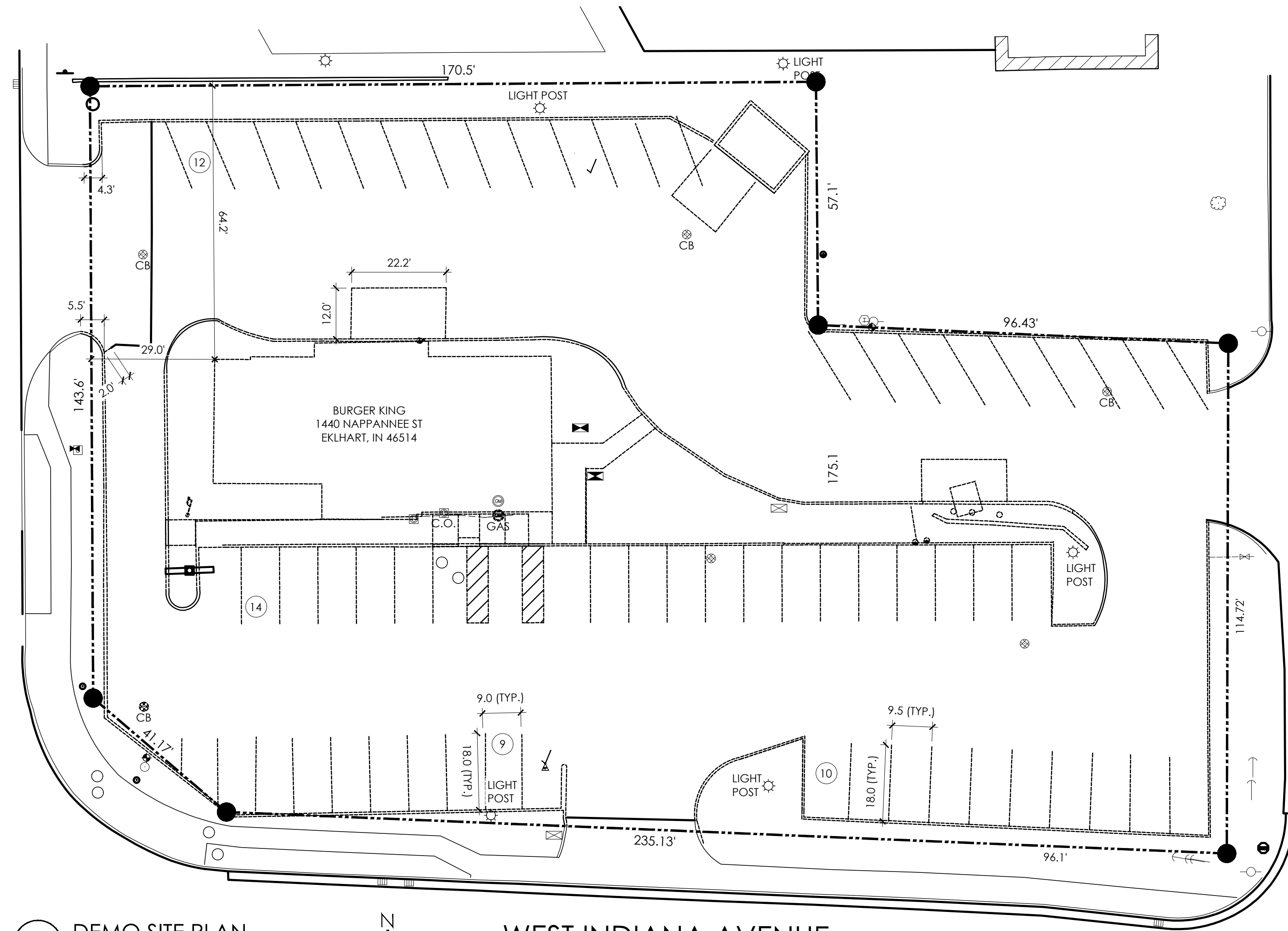
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Drawn By: CP				
Checked: SB				
Scale: AS NOTED				
Date: ---21				

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PROJECT BURGER KING 1440 NAPPANEE ST. ELKHART, IN 46514	SHEET TITLE COVER SHEET
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.	
JOB # TG-21668	
SHEET T-1	

SOUTH NAPPANEE STREET



LARAMIE STREET

WEST INDIANA AVENUE

1 DEMO SITE PLAN
SCALE: 1:20



DEMO SCOPE OF WORK

- DEMO EXISTING BUILDING INCLUDING SLAB AND FOUNDATION.
- DEMO CONC. THROUGHOUT. (CURB CUTS TO ROADS TO REMAIN.)
- DEMO OCU, MENU BOARD, AND PREVIEW BOARD AND FOUNDATIONS.
- DEMO CURBS THROUGHOUT
- DEMO SIDEWALK.
- DEMO ADA RAMP AT BUILDING ENTRANCE.
- MILL ASPHALT PARKING LOT TO SUBGRADE.



KNOW WHAT IS **BELOW**
CALL BEFORE
YOU DIG

SITE AREA

TOTAL SITE AREA:	40,776 SF (0.94 ACRES)
BUILDING AREA:	3,160 SF
NUMBER OF PARKING SPACES REQUIRED:	28 SPACES
NUMBER OF HANDICAP SPACES:	3 (1 VAN ACCESSIBLE)



TECHNICAL GROUP, INC.
FARMINGTON HILLS, MI 48331
P: (248) 426-6000 F: (248) 426-7004

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PROJECT
BURGER KING
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SHEET TITLE
DEMO SITE PLAN

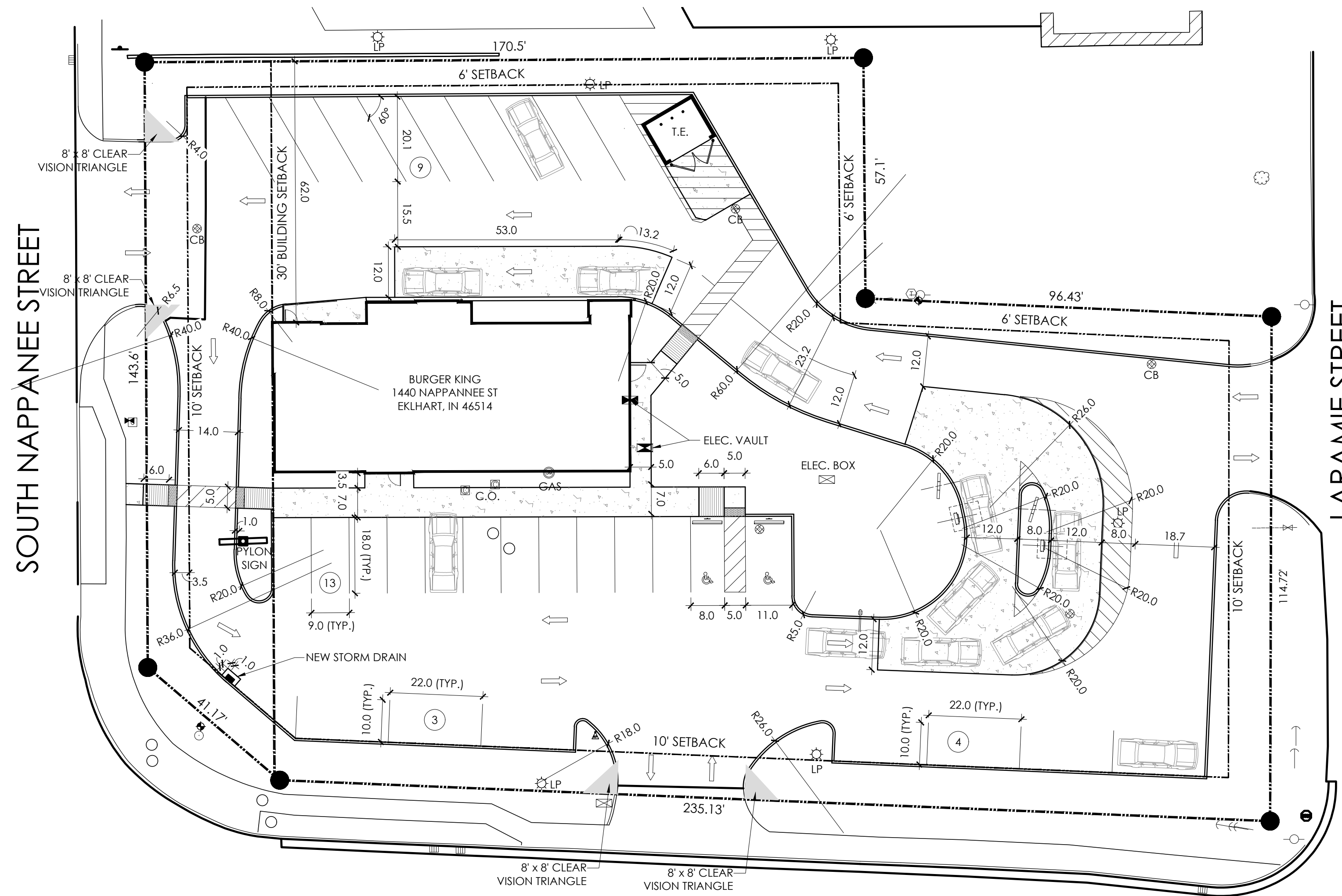
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JOB #

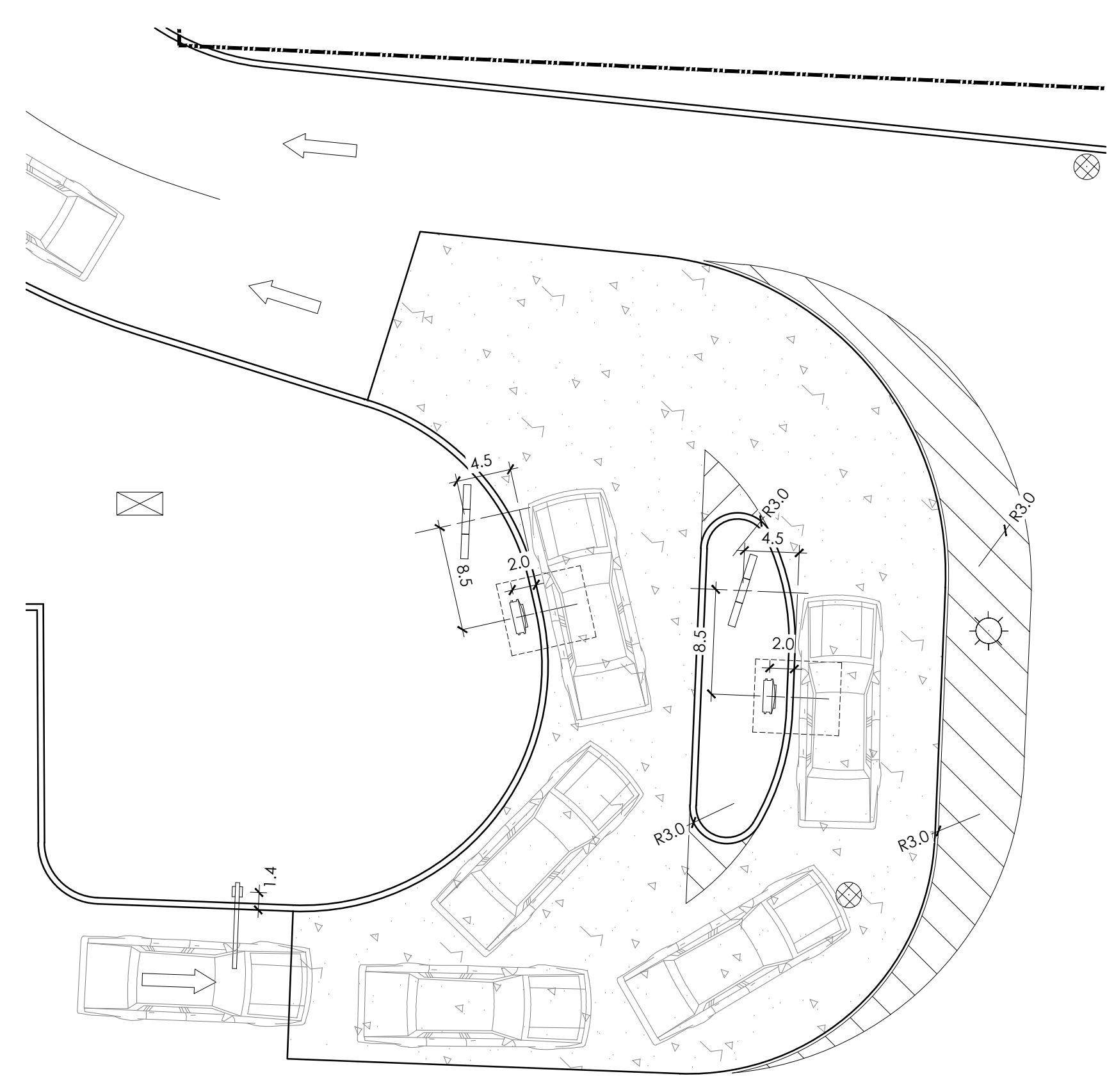
TG-21668

SHEET

C-1



1 PROPOSED SITE PLAN
SCALE: 1:20



2 ENLARGED DRIVE THRU PLAN
SCALE: 1:10

PROPOSED SCOPE OF WORK

INSTALL NEW CONCRETE CURBS AS SHOWN.

INSTALL CONC. DOUBLE DRIVE THRU LANE AS SHOWN.

INSTALL NEW CONC. PAD FOR TRASH ENCLOSURE.

INSTALL NEW STORM DRAIN AND CATCH BASIN.

INSTALL NEW CONC. SIDEWALKS. CONNECT TO CITY SIDEWALK.

INSTALL CLEARANCE SIGN AND FOUNDATION PER 20/20. REFER TO SHEET C-3 FOR DETAIL.

INSTALL NEW DT LOOPS AT OCU'S AND DT WINDOW. NEW ELECTRICAL AND DATA LINES BY GC TO ALL DT COMPONENTS. (SEE SHEET E-1)

INSTALL DT CANOPY W/ INTERNAL OCU & BURY CONDUITS. OCU HAS NEW FOUNDATION & REFLECT NEW IMAGE. REFER TO SHEET C-3 FOR DETAIL.

LAY NEW ASPHALT PARKING LOT AND STRIPE AS PER LAYOUT.

STRIPE ACCESSIBLE PARKING STALLS AS PER PLAN. INSTALL PARKING SIGNAGE FOR ADA SPACES. REFER TO SHEET C-3 SITE DETAILS. ALL STRIPING TO BE WHITE IN ACCORDANCE WITH CITY.

INSTALL & SECURE NEW WHEEL STOPS AT ADA SPACES PER PLAN. SEE SHEET C-3 FOR INSTALLATION DETAIL.

INSTALL NEW BOLLARDS AT D/T WINDOWS.

PROVIDE DRIVE THRU MARKINGS AND ARROWS PER LAYOUT.

UPDATE LANDSCAPING AS REQUIRED AS PER OWNER. (SEE SHEET LS-1.)

GENERAL SIGNAGE NOTES

SIGN INSTALLER RESPONSIBILITIES:

1. PROVIDE ALL DRAWINGS NECESSARY FOR SIGN PERMITS.
2. APPLY FOR, OBTAIN, AND PAY FOR ALL REQUIRED SIGN PERMITS.
3. COORDINATE EXCAVATION OF SIGN FOUNDATIONS WITH G.C.
4. SET ANCHOR BOLTS OR BASE PLATES AS REQUIRED.
5. COMPLETE SIGN INSTALLATION.
6. REMOVE EXCESS DEBRIS, ROUGH GRADE AREA FOR LANDSCAPING.

GENERAL CONTRACTOR:

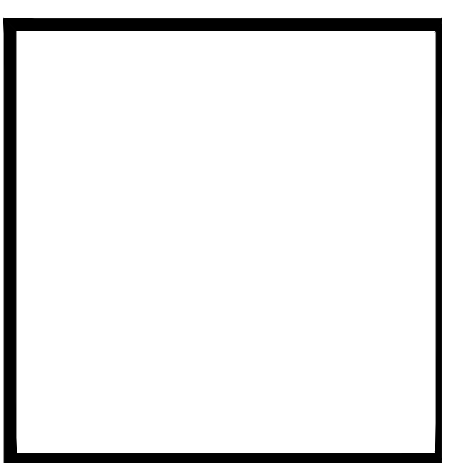
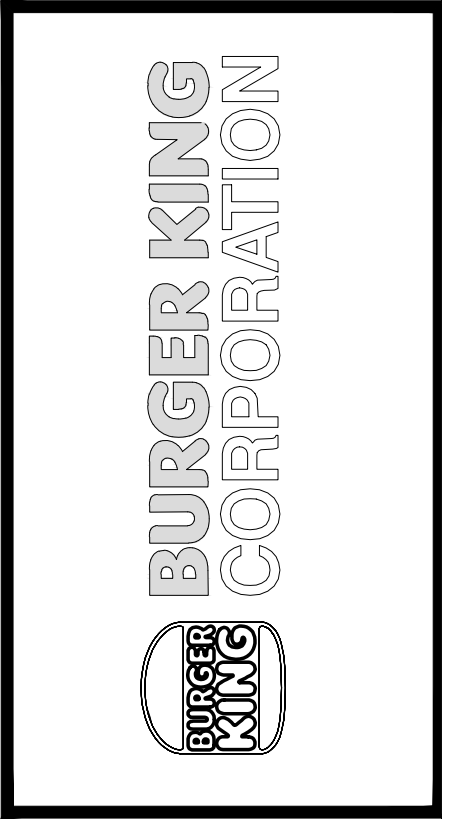
1. COORDINATE EXCAVATION OF SIGN FOUNDATIONS WITH SIGN SUPPLIER.
2. PROVIDE POWER TO ALL SIGN LOCATIONS AS REQUIRED.
3. MAKE FINAL ELECTRICAL CONNECTIONS TO EACH SIGN.

SITE AREA

TOTAL SITE AREA:	40,776 SF (0.94 ACRES)
BUILDING AREA:	3,160 SF
NUMBER OF PARKING SPACES REQUIRED:	28 SPACES
NUMBER OF PARKING SPACES PROVIDED:	29 SPACES
NUMBER OF HANDICAP SPACES:	2 (1 VAN ACCESSIBLE)

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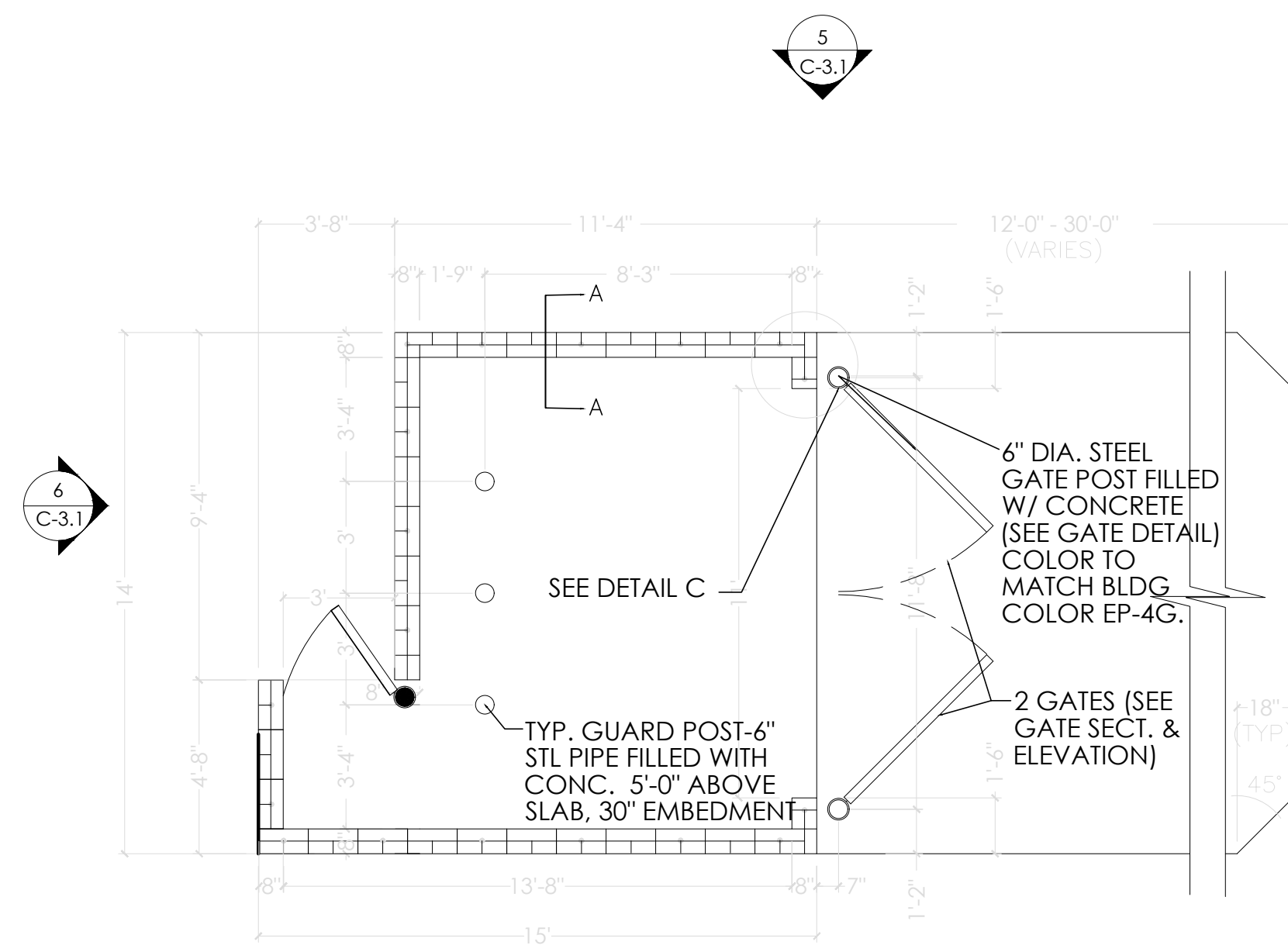
PROJECT
BURGER KING
1440 NAPPANEE ST.
ELKHART, IN 46514

SHEET TITLE
PROPOSED SITE PLAN

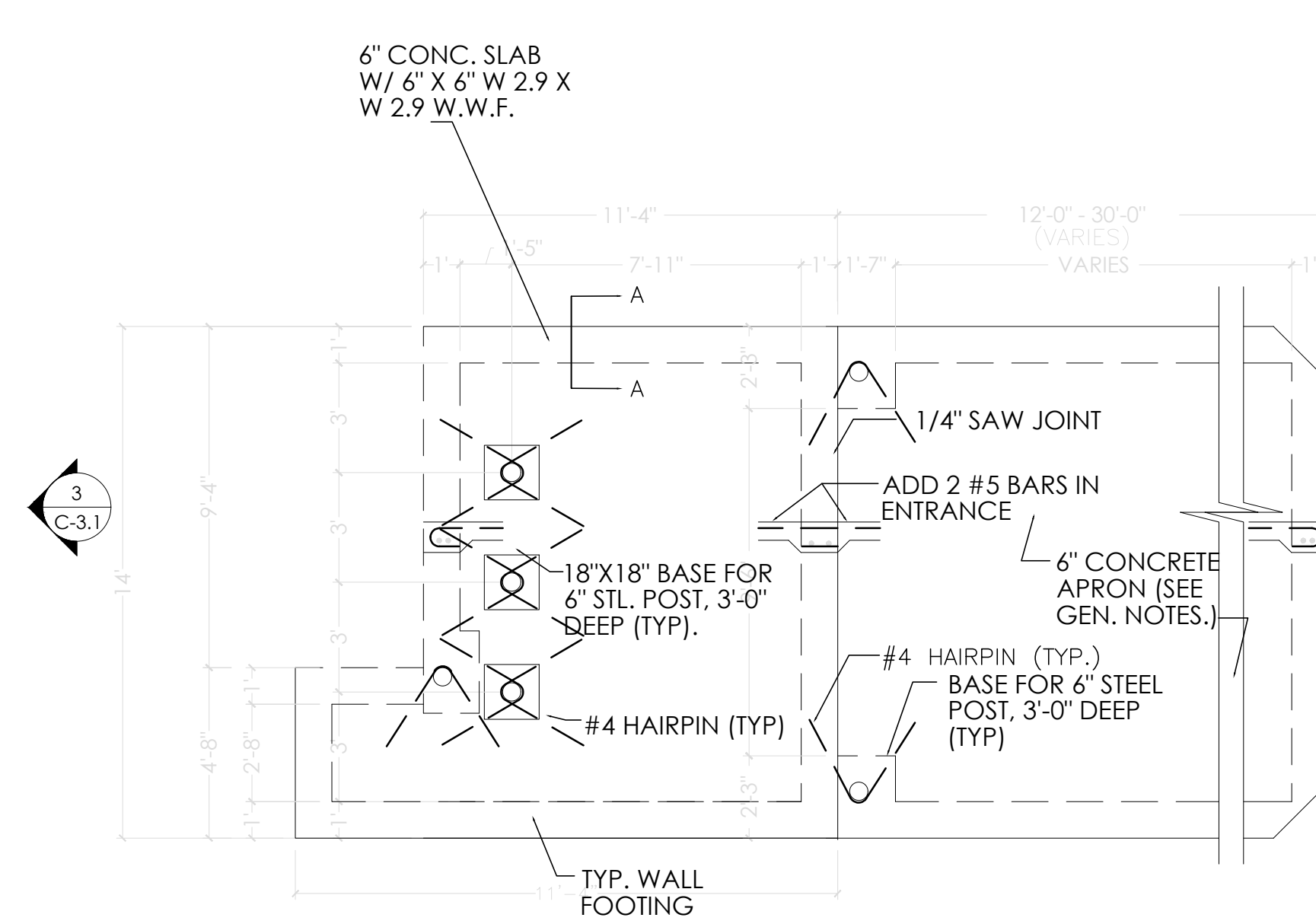
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JOB #
TG-21668

SHEET
C-2



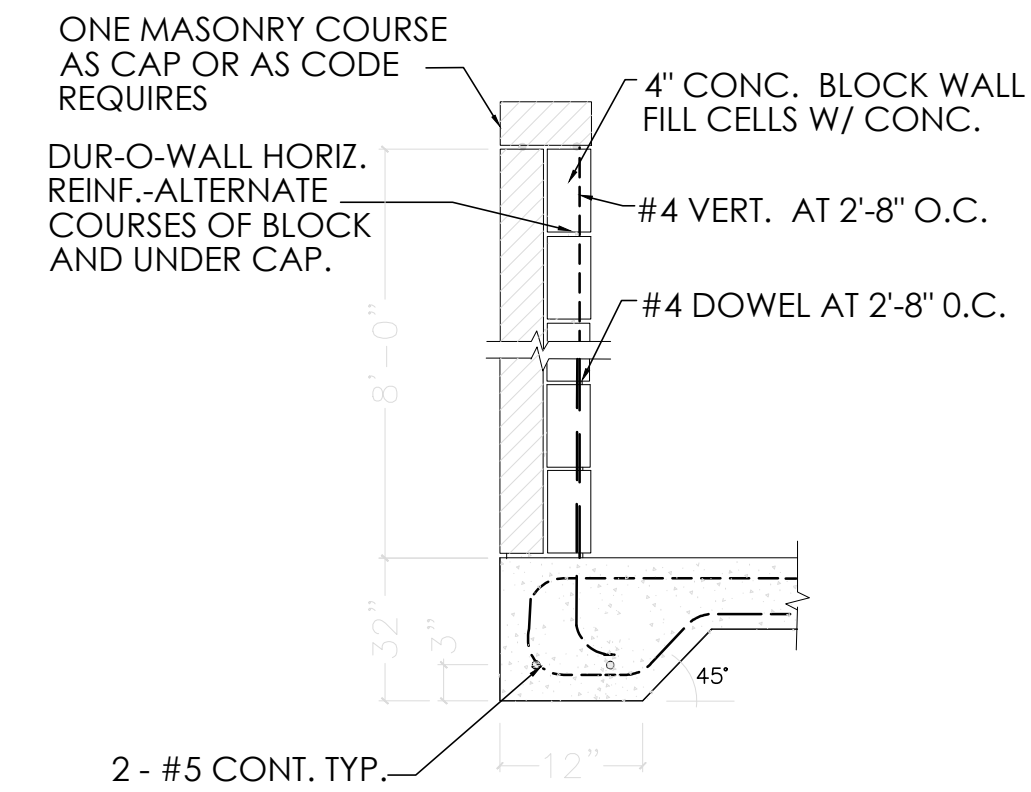
1 TRASH ENCLOSURE WALL PLAN
SCALE: 3/8"=1'-0"



2 TRASH ENCLOSURE FOUNDATION PLAN
SCALE: 3/8"=1'-0"

FOUNDATION PLAN 3/16"=1'-0"

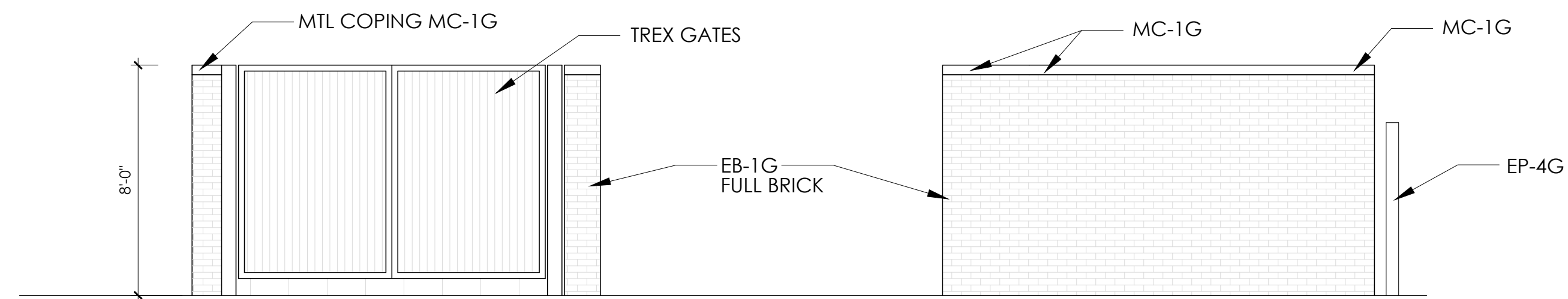
NOTE:
THE CONCRETE TRASH ENCLOSURE APRON SHALL BE 6" THICK OF 3,000 PSI CONC. REINFORCED W/ #4 @ 16" O.C. EACH WAY. OPTIONAL TO COLOR CONCRETE BLACK USING ADMIXTURE (CHROMIX C-24 CHARCOAL BY SCOFIELD CO., OR EQUAL.)



A SECTION AT GATE
SCALE: 3/4"=1'-0"

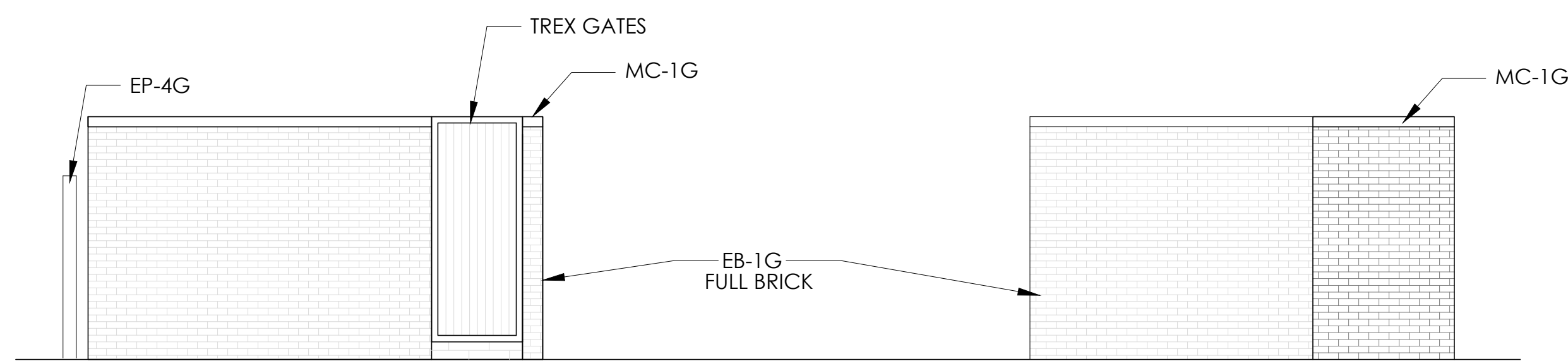
NOTES:

- MASONRY VENEER TO MATCH BUILDING EB-1 (OR EB-1A IF USED) AND PAINT EP-4G ON 4" CONC. BLOCK WALL. SEE SECTION "A-A" FOR DETAILS.
- 6" CONC. SLAB W/ 6" X 6" W 2.9 X W 2.9 W.W.F.
- TYP. WALL FTG. 12" X 12" CONT. W/ 2#5 BOT. REINF.
- 6" CONC. APRON W/ #4 BARS 16" O.C. BOTH WAYS.
- FOR SLAB FINISHED GRADES, SEE GRADING PLAN.
- ALL STEEL & ALUMINUM FINISHES ARE TO BE PAINTED TO MATCH BUILDING COLOR EP-4G.
- ALL PANELS FOR GATES ARE TO BE THRU-BOLTED TO TUBE FRAME WITH 3/8" GALV. BOLTS AND HARDWARE.



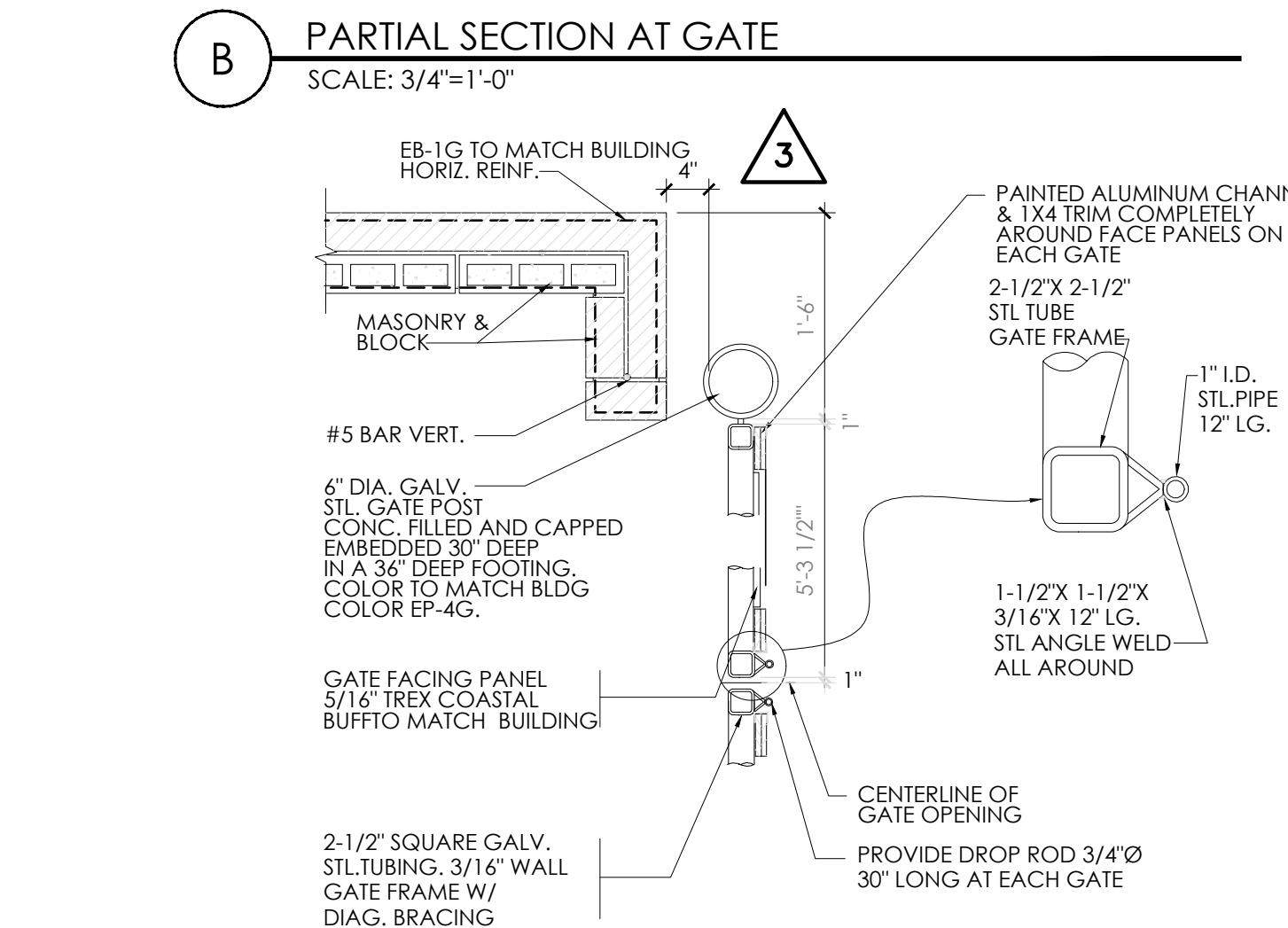
3 TRASH ENCLOSURE ELEVATION
SCALE: 1/4"=1'-0"

4 TRASH ENCLOSURE ELEVATION
SCALE: 1/4"=1'-0"



5 TRASH ENCLOSURE ELEVATION
SCALE: 1/4"=1'-0"

6 TRASH ENCLOSURE ELEVATION
SCALE: 1/4"=1'-0"



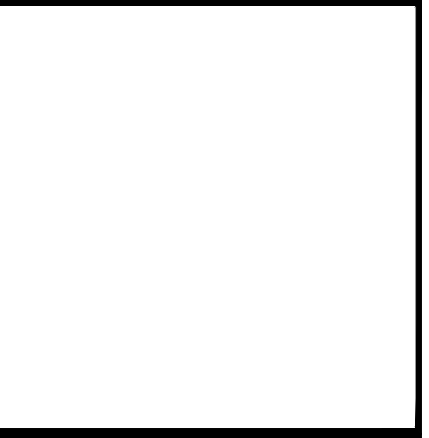
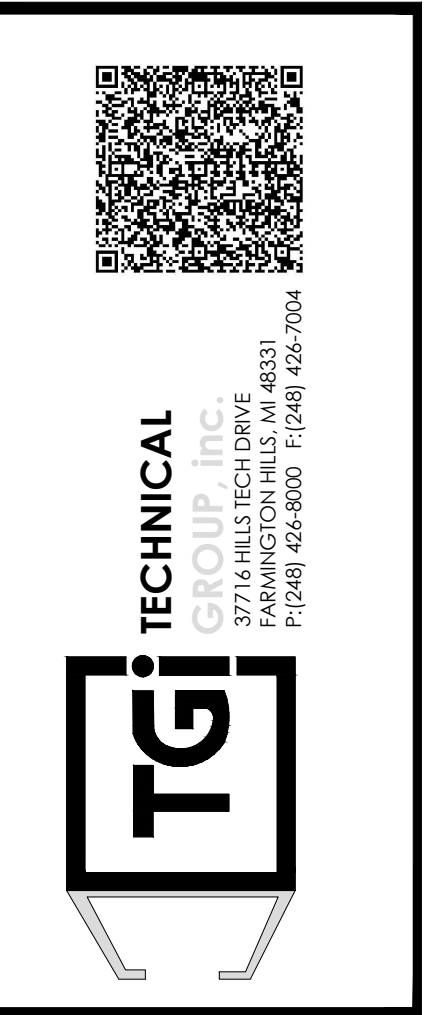
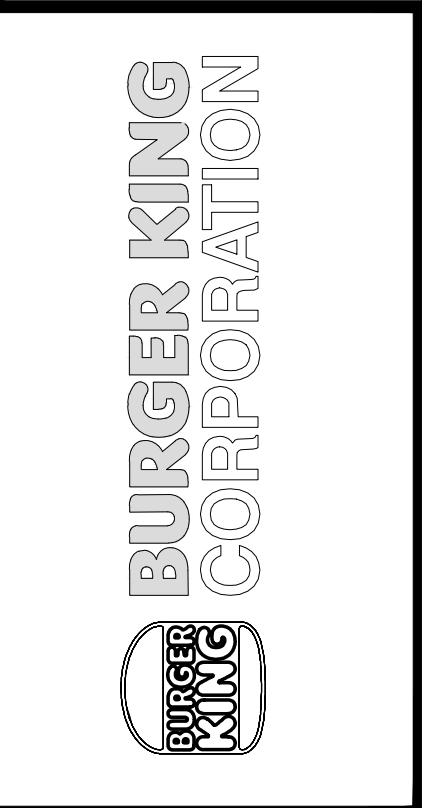
B PARTIAL SECTION AT GATE
SCALE: 3/4"=1'-0"

C GATE HARDWARE DETAIL
SCALE: NO SCALE



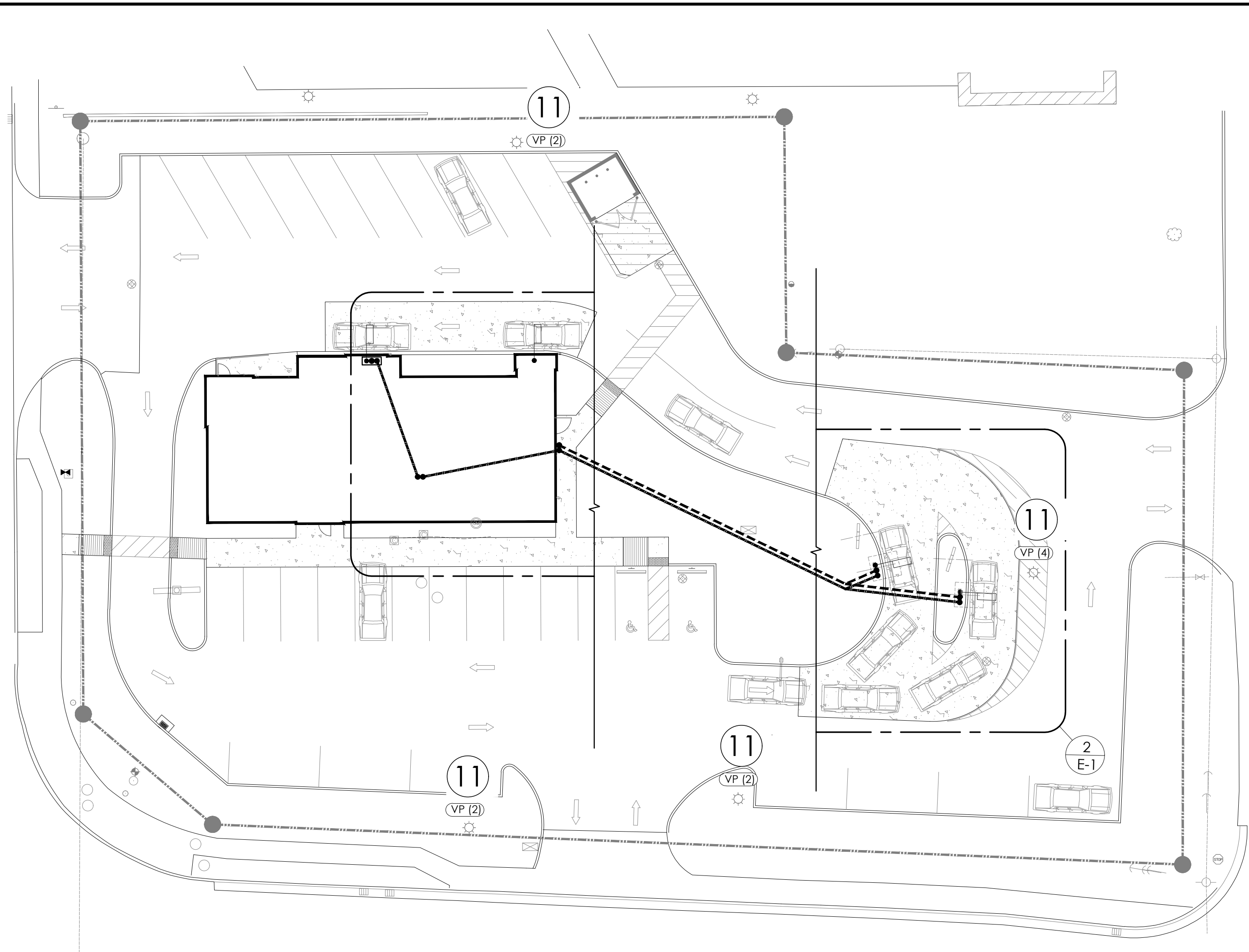
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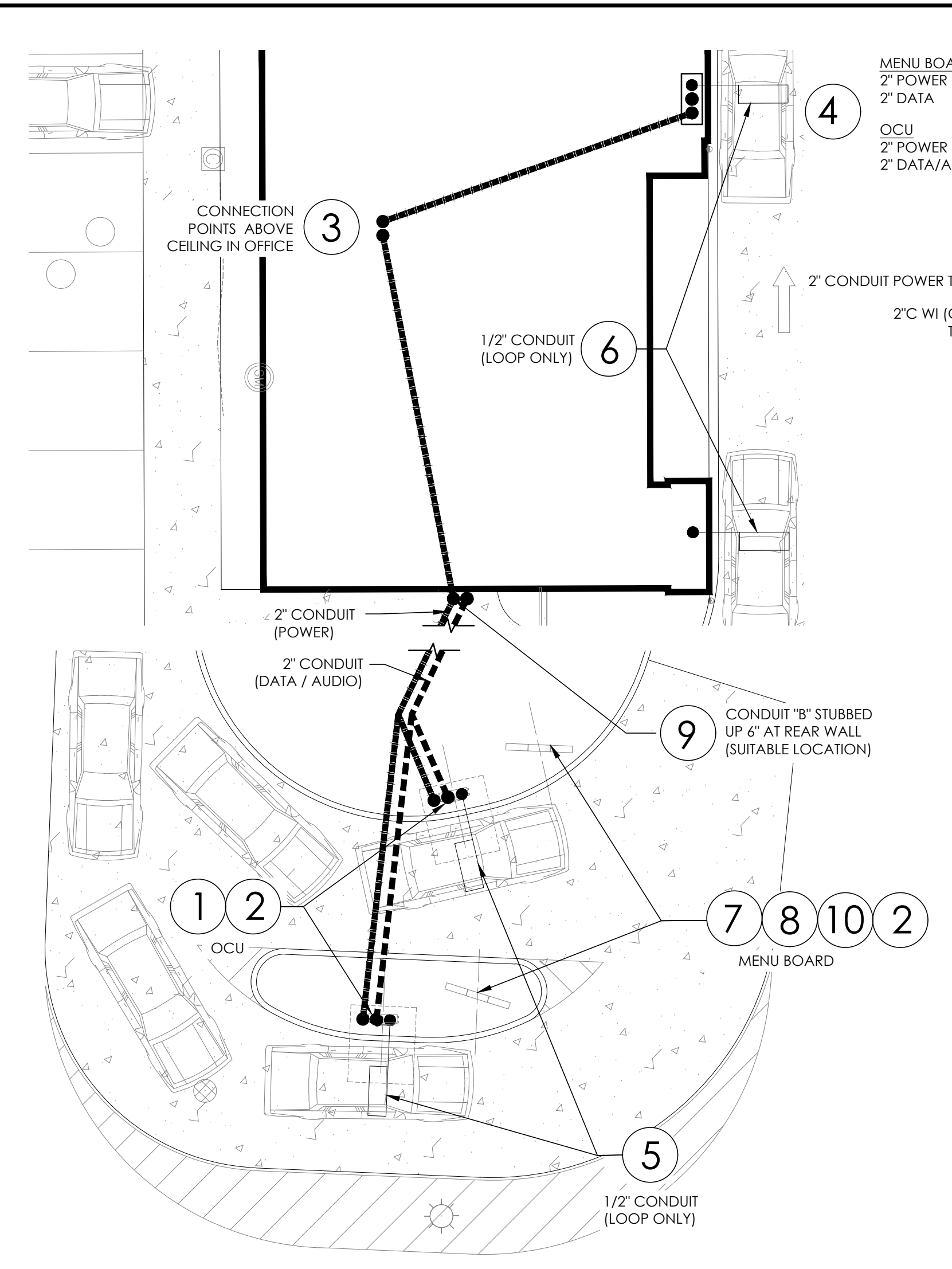


PROJECT	BURGER KING 1440 HAPPALEE ST. ELMHART, IN 46514
SHEET TITLE	DUMPSTER ENCLOSURE DETAILS

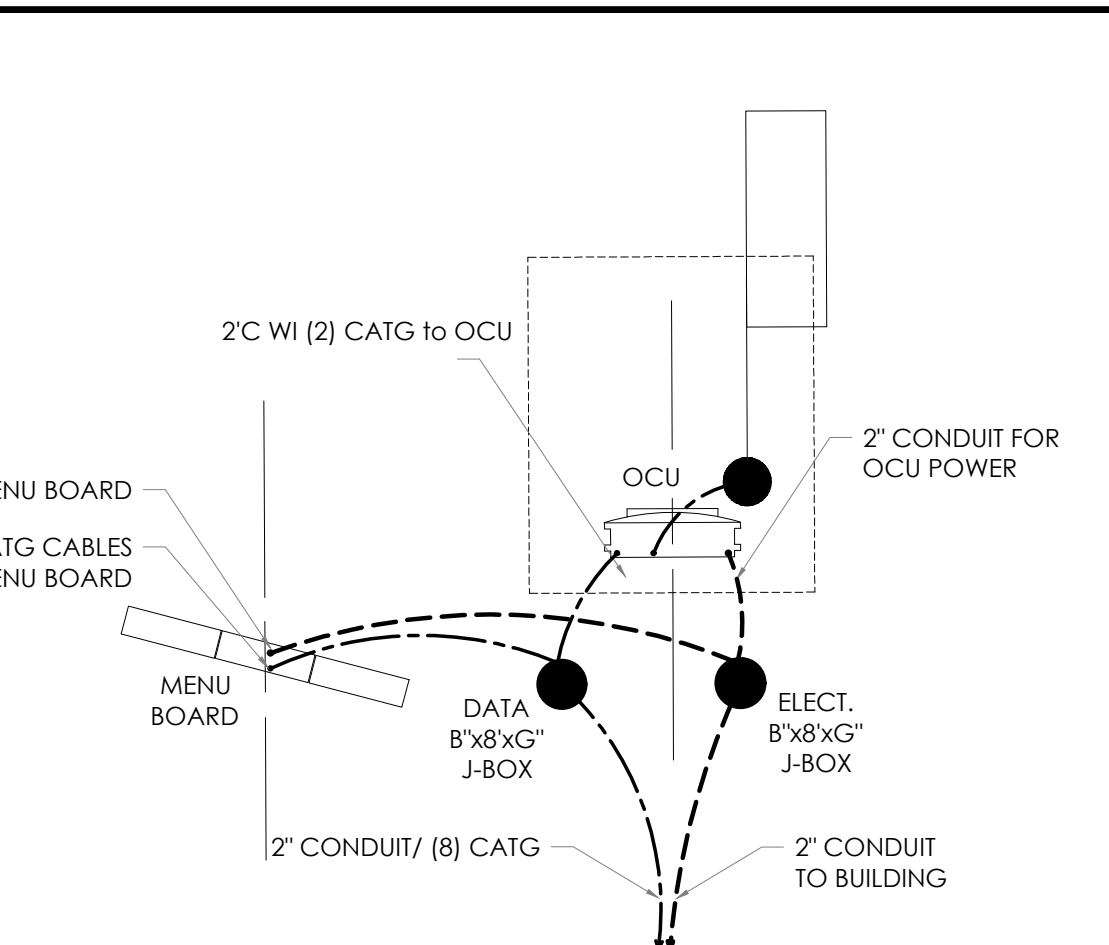
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JOB #	TG-21668
SHEET	C-3.1



1 ELECTRICAL SITE LIGHTING PLAN
SCALE: 1:20



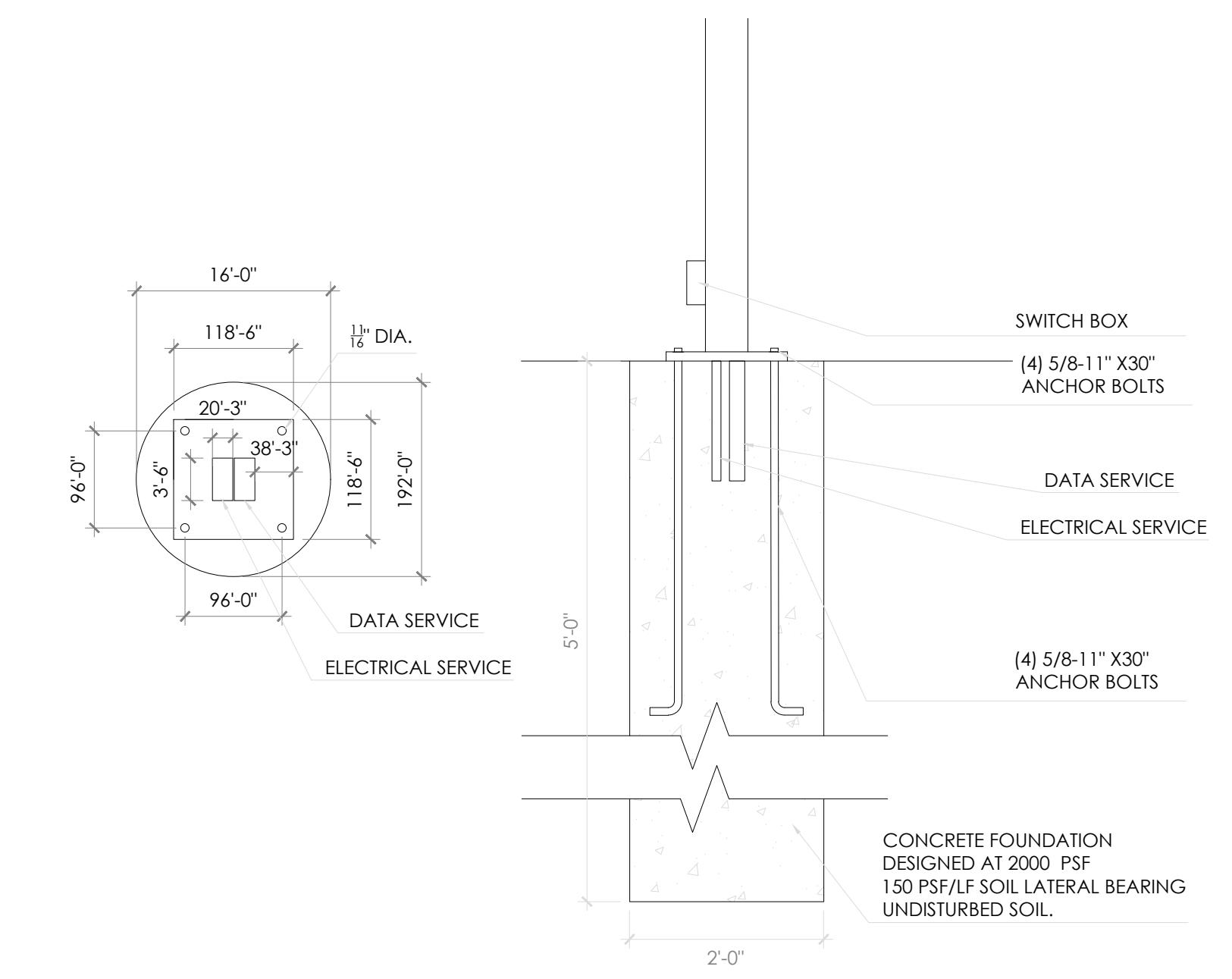
2 ELECTRICAL SITE PLAN
SCALE: 1:10



A ELECTRICAL & DATA WIRING DETAIL
NOT TO SCALE

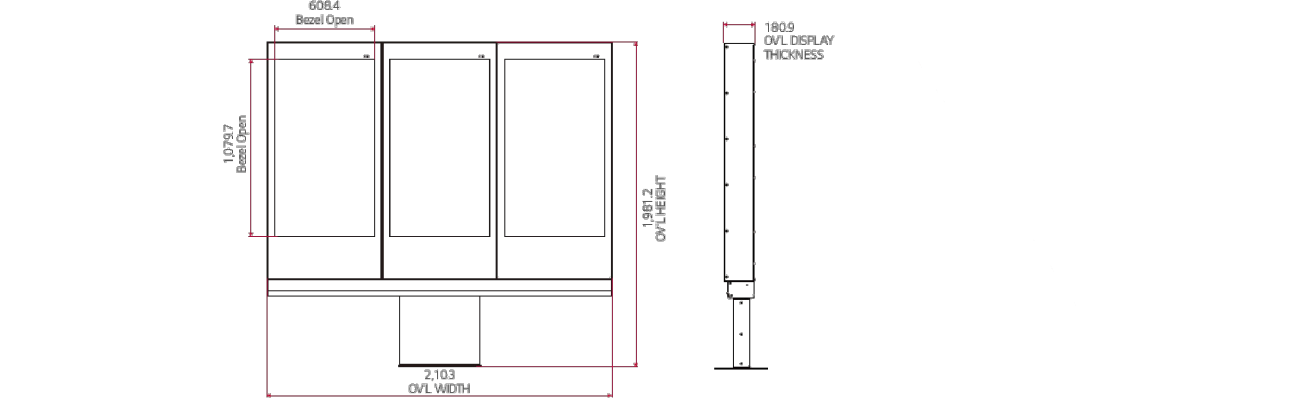
30° ROTATION ANGLE SHOULD BE CONSIDERED OPTIMAL. ANGLES BETWEEN THE PREFERRED LAYOUT AND MINIMUM LAYOUT ARE ACCEPTABLE AS LONG AS:
 (1) THE DISTANCE FROM THE CENTERLINE OF THE SUPPORT POLES OF THE MENU BOARD AND TO THE FACE OF CURB ARE REDUCED BY 4" FOR EVERY 5 DEGREES OF ROTATION, AND;
 (2) THE DISTANCE FROM THE CENTERLINE OF THE ORDER CONFIRMATION UNIT AND THE CENTERLINE OF THE MENU BOARD IS REDUCED BY 3" FOR EVERY 5 DEGREES OF ROTATION.

LIGHT FIXTURE SCHEDULE							
FIXTURE TYPE	TAG	SYMBOL	FIXTURE QUANTITY	CONFIG	QUANTITY	TENON TOP FITTERS	MOUNTING HEIGHT
VP-L/80NB-235/5K/14/UNV/RA/**	VP (2)	☼	3	DBL45	6	TTFVIPER	EXIST
VP-L/80NB-235/5K/14/UNV/RA/**	VP (4)	☼	1	DBL45	4	TTFVIPER	EXIST



B MENU BOARD BASE PLATE/ FOUNDATION DETAIL
SCALE: 1"=1'-0"

LG ODMB Specifications



Specifications & Measurements		
Panel	Screen Size	49"
	Panel Technology	IPS
	Aspect Ratio	16 : 9
	Native Resolution	1,920 x 1,080 (FHD), M+ (WRGB)
	Brightness*	3,000-nit
	Viewing Angle *H x V	178 x 178
	Response Time	8 ms (G to G BW, Typ.)
	Surface Treatment	Hard Coating (2H), Anti-reflection Treatment of the Front Polarizer (Haze 3% (Typ.)), QWP
	QWP Polarizer	Yes
	Life Time	50,000 Hrs.
Connectivity	Operation Hours	24 Hrs.
	Orientation	Portrait Only
	Input	HDMI, DP, DVI-D, Audio I, USB 3.0
	Output	DP, External Speaker Out
Physical Specification	External Control	RS232C In/Out, RJ45 In
	Front Glass	6.8 mm (AR, Tempered & Laminated glass)
	Bezel Color	Black
	Bezel Width	103.0 mm (T), 262.0 mm (B), 46.5 mm (L/R)
	Pre-sell Dimension	27.6" x 7.1" x 78"
Power	Menu-Board Dimension	106.4" x 7.1" x 78"
	Pre-sell Weight	220 lbs.
	Menu Board Weight	528 lbs.
	Power Supply	100-240v-, 50/60Hz
Power Consumption	Power Type	Built-in Power
	Typ./Max Smart Energy Saving	290 W / 440W 145 W

Samsung/LSI ODMB Specifications



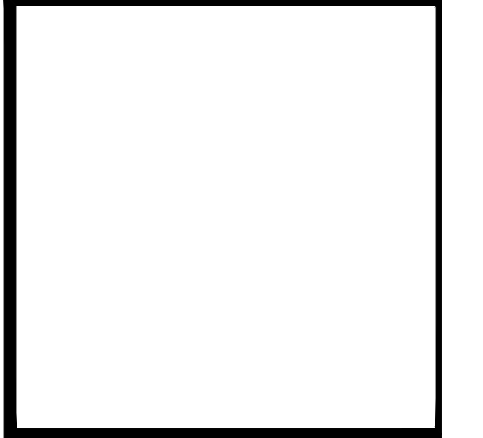
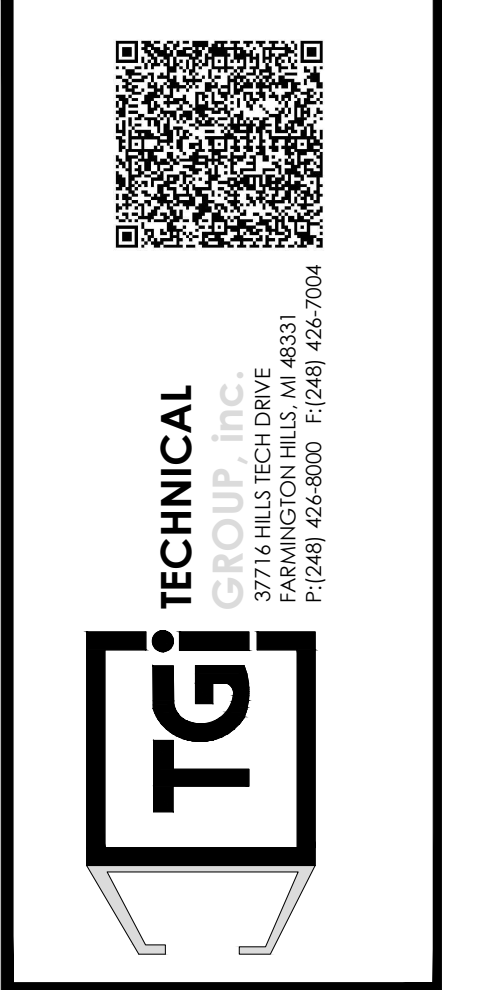
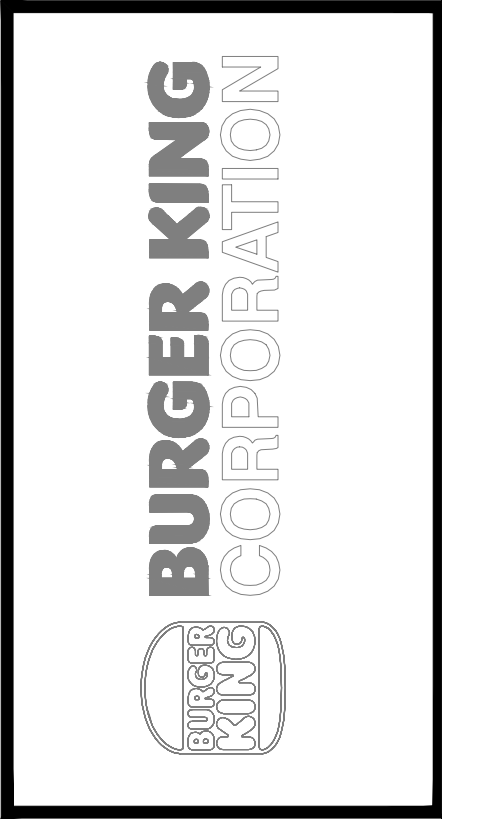
Specifications & Measurements			
Display	Diagonal Size	TV 46"	
	Screen	45.0" / 116.8cm	
Connectivity	Type	120Hz E-LED BLU	
	Resolution	1920 x 1080 (16:9)	
	Brightness (Typ.)	2,500	
	Contrast Ratio (Typ.)	5000:1	
	Viewing Angle (H/V)	178/178	
	Response Time (G-to-G)	6ms	
	Operation Hour	24/7	
	Input	RGB	N/A
		Video	HDMI 1.4 (2), HDBaseT (LAN Common)
		HDCP	HDCP 2.2
Output	USB	USB 2.0 (1)	
	Audio	Stereo Mini Jack	
External Control	Type	Internal	
	Power Supply	AC100-240V~(+/-10%),50/60Hz	
Power Type	Max [W / H]	468	
	Typical [W / H]	440	
	Consumption	Steep Mode <0.5W Off Mode <0.5W	
Dimensions	Pre-sell (1 x 1)		
	Menu Board (1 x 3)	75.3" x 4" x 42.4"	
	Pre-sell (1 x 1)		
Weight	Menu Board (1 x 3)		

- ### CONNECTIONS
- DEDICATED 120V SINGLE PHASE CONSTANT POWER TO OCU.
 - 120V SINGLE PHASE POWER FOR CANOPY LIGHTS, MENUBOARD, OCU.
 - DATA AND SPEAKER CABLES CONNECT TO POS RACK IN OFFICE (PULL WITHOUT CONNECTORS).
 - AUDIO CABLES FOR SPEAKERS CONNECT TO MAIN UNIT AT THE DRIVE-THRU WINDOW.
 - PRIMARY DETECTOR LOOP WIRE CONNECTS.
 - SECONDARY DETECTOR LOOP CONNECTS TO POS THROUGH TIMING SYSTEM.
 - OUT DOOR MENU BOARD REQUIRES A DEDICATED 20 AMP BREAKER .
 - CONNECT THE ENCLOSURE'S GFCI TO POWER FEED. THE DUPLEX OUTLET FOR PLUGGING IN THE SICOM-PROVIDED POWER STRIP IS PRE-WIRED TO THE GFCI.
 - CATS/CAT6 CABLE TO BE RAN FROM BACK OFFICE NETWORK SWITCH TO OUTDOOR MENU BOARD PEDESTAL.
 - STATIC LAN IP ADDRESS IN THE POS VLAN ASSIGNED FOR EACH SCREEN AS PER STANDARD.
 - ALL EXTERIOR LIGHTS (INCLUDING EXTERIOR BUILDING LIGHTS, POLE LIGHTS AND LIGHTBAND) TO BE CONNECTED TO PHOTOCELL. RE-USE EXISTING CIRCUITS AND INSTALL BREAKER LOCKS.

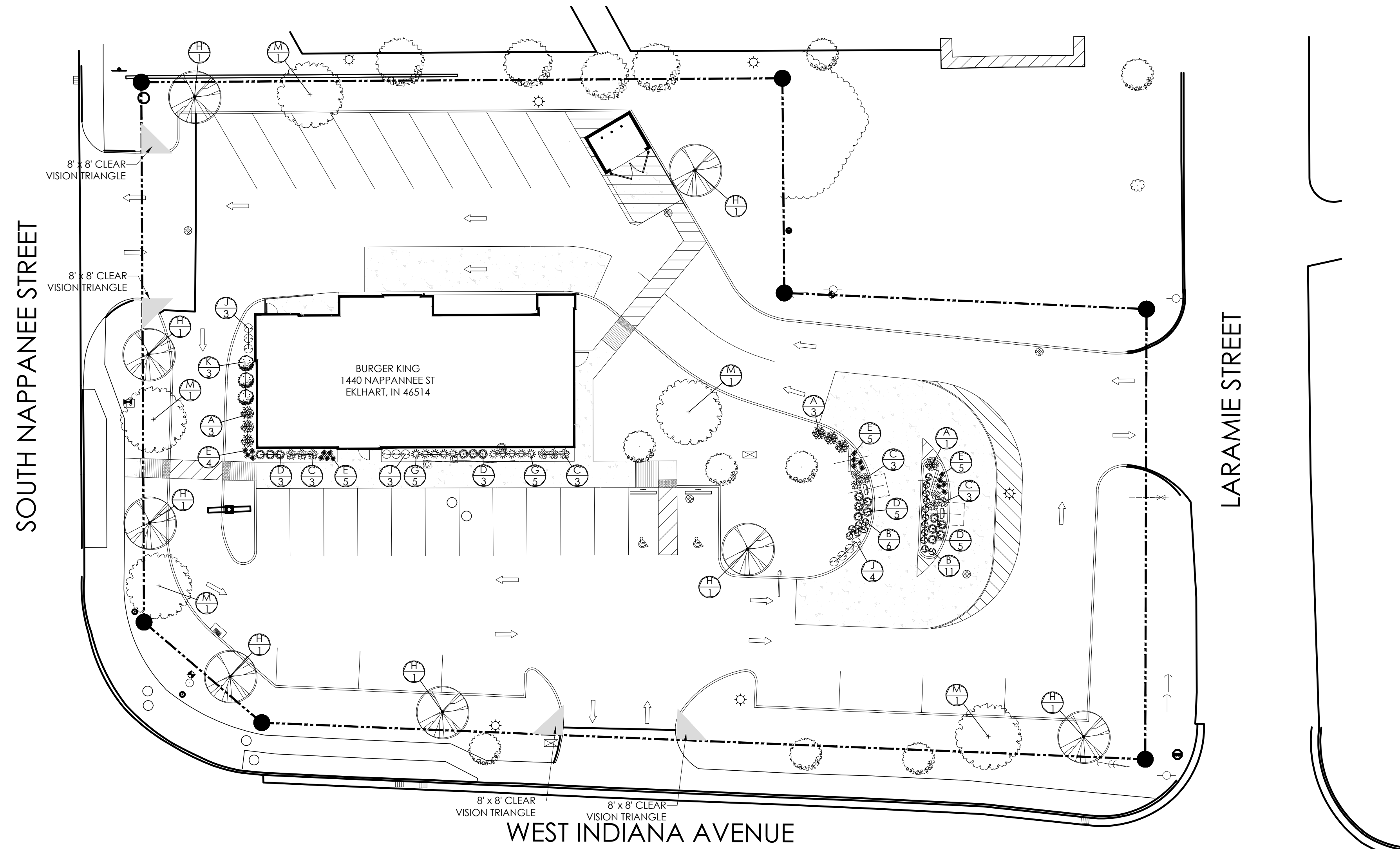
- ### VENDORS
- SICOM MEDIA PLAYER
- SICOM**
MICHAEL SCHWARTZ (BKSALLES@SICOM.COM)
1-800-547-4266 EXT. 5
- OUTDOOR DIGITAL MENU BOARD (ODMB)
- SAMSUNG/LSI**
SARA GROFCSIK (S.GROFCSIK@SEA.SAMSUNG.COM)
STEPHANIA FLORES (S1.FLORES@PARTNER.SEA.SAMSUNG.COM)
 - LG**
JOE INGERMAN (JOSEPH.INGERMAN@IGE.COM)
847-941-8838
- INSTALLATION
- LSI**
KEVIN TOWNSEND (KEVIN.TOWNSEND@LSI-INDUSTRIES.COM)
330-494-1941
- NOTE:
IF A ODMB IS PURCHASED WITH AN INTEGRATED OCU, PLEASE COORDINATE WITH YOUR SIGNAGE VENDOR FOR THEM TO PROVIDE A OCU COVER PLATE FOR THE OCU CANOPY.

PROJECT	BURGER KING CORPORATION
DATE	11/14/2023
BY	DB
NO.	1
Drawn By:	CP
Checked:	SB
Scale:	AS NOTED
Date:	11/14/23

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JOB #	TG-21668
SHEET	C-4



1 PROPOSED LANDSCAPE PLAN
SCALE: 1/20

PLANT LISTING							
KEY	QTY	BOTANICAL NAME	COMMON NAME	PLANTING HEIGHT	MATURE SIZE		TYPE
					HEIGHT	SPREAD	
A	7	HYDRANGEA ARBORESCENS	ANNABELLE HYDRANGEA	24" (MIN.)	3'-5'	3'-5'	POT
B	17	CALAMAGROSTIS 'KARL FOERSTER'	KARL'S FOERSTERS	24" (MIN.)	4'-5'	12"-24"	GAL
C	12	HOSTAS SPECIES	HOSTA	24" (MIN.)	2'-3'	2'-3'	POT
D	16	CARYOPTERIS X CLANDONENSIS 'BLUE'	BLUE MIST SPIREA	12" (MIN.)	16"-24"	24"-30"	POT
E	19	HEMEROCALLIS 'LITTLE GRAPETTE'	'LITTLE GRAPETTE' DAYLILY	8" (MIN.)	8"-12"	10"-16"	GAL
F	0	TAXUS X MEDIE 'HICKSII'	HICKS YEW	36" (MIN.)	2'-3'	3'-6'	POT
G	10	PENNISETUM ALOPECUROIDES 'LITTLE BUNNY'	LITTLE BUNNY FOUNTAIN GRASS	36" (MIN.)	8"-10"	24"-30"	GAL
H	8	SYRINGA RETICULATA	JAPANESE LILAC TREE	10" (MIN.)	20'-30'	15'-20'	POT
J	10	LAVANDULA ANGUSTIFOLIA 'HIDCOTE'	ENGLISH LAVENDER	16" (MIN.)	16"-24"	24"-30"	POT
K	3	BERBERIS THUNBERGII 'ATROPURPUREA NANA'	BARBERRY 'CRIMSON PYGMY'	24" (MIN.)	3'-4'	3'-5'	POT
L	0	THUJA OCCIDENTALIS	ARBORVITAE - PYRAMIDALIS	6" (MIN.)	8"-10"	3'-6'	POT
M	5	QUERCUS RUBRA	RED OAK TREE	10" (MIN.)	40'-60'	30'-50'	POT

LANDSCAPE NOTES:

PLANTING:

- INSTALLATION OF ALL PLANT MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN ASSOCIATION OF NURSERYMEN LANDSCAPE STANDARDS AND WITH THE SPECIFICATIONS SET FORTH BY THE CITY OF ELKHART, IN.
- IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO MAINTAIN THE LANDSCAPING INSTALLED SO THAT IT IS HEALTHY, NEAT AND ORDERLY IN APPEARANCE AND IS FREE FROM REFUSE AND DEBRIS.
- ALL PLANTINGS SHALL BE COMPLETED WITHIN THREE (3) MONTHS, AND NO LATER THAN NOVEMBER 30, FROM THE DATE OF ISSUANCE OF A CERTIFICATE OF OCCUPANCY IF SUCH CERTIFICATE IS ISSUED DURING THE APRIL 1 - SEPTEMBER 30 PERIOD; IF THE CERTIFICATE IS ISSUED DURING THE OCTOBER 1 - MARCH 31 PERIOD; PLANTING SHALL BE COMPLETED NO LATER THAN THE ENSUING MAY 31. PLANTINGS SHALL THEREAFTER BE REASONABLY MAINTAINED, INCLUDING PERMANENCE AND HEALTH OF PLANT MATERIALS TO PROVIDE A SCREEN TO ADJUTING PROPERTIES AND INCLUDING THE ABSENCE OF WEEDS AND REFUSE.
- ALL PLANTING BEDS TO BE FILLED WITH FOUR INCHES (3") OF RIVER ROCK. PLANTING BEDS TO HAVE ONE EIGHTH BY FOUR INCH (1/8"x4") BLACK ANODIZED PERMA-LOC ALUMINUM EDGING, OR APPROVED EQUIVALENT, ON BORDERS.
- DIG SHRUB PITS ONE FOOT (1') LARGER THAN THE SHRUB ROOTBALL, TREE PITS TWO FOOT (2') THAN TREE ROOTBALLS AND BACKFILL WITH ONE (1) PART TOP SOIL AND ONE (1) PART SOIL FROM EXCAVATED PIT. REMOVE TWINE AND WIRE FROM ROOTBALL AND PLANT TOPS.
- ORGANIC FRIABLE TOPSOIL SHALL BE EVENLY DISTRIBUTED AND FINE GRADED OVER ALL AREAS TO RECEIVE LAWNS AT UNIFORM DEPTH OF FOUR INCHES AFTER SETTLEMENT.
- ALL NEW LAWN AREAS SHALL BE SODDED WITH A GRADE A SOD PLANTED OVER THE TOPSOIL.
- TREES IN LAWN AREAS TO HAVE A THREE FOOT (3') CIRCLE OF MULCH 2"-3" DEEP, NOT MORE THAN 3" (HARDWOOD - NATURAL DARK BROWN).
- TOPSOIL SHALL BE FERTILE, FRIABLE, AND REPRESENTATIVE OF PRODUCTIVE SOIL, CAPABLE OF SUSTAINING VIGOROUS PLANT GROWTH AND SHALL BE DARK ORGANIC NATURAL SURFACE SOIL, EXCLUSIVE OF PEAT, MUCK, AND/OR DARK BROWN OR BLACK LOAM, CLAY LOAM, SILT LOAM, OR SANDY LOAM.
- REQUIRED LANDSCAPE MATERIAL SHALL SATISFY AMERICAN ASSOCIATION OF NURSERYMAN STANDARDS AND BE:

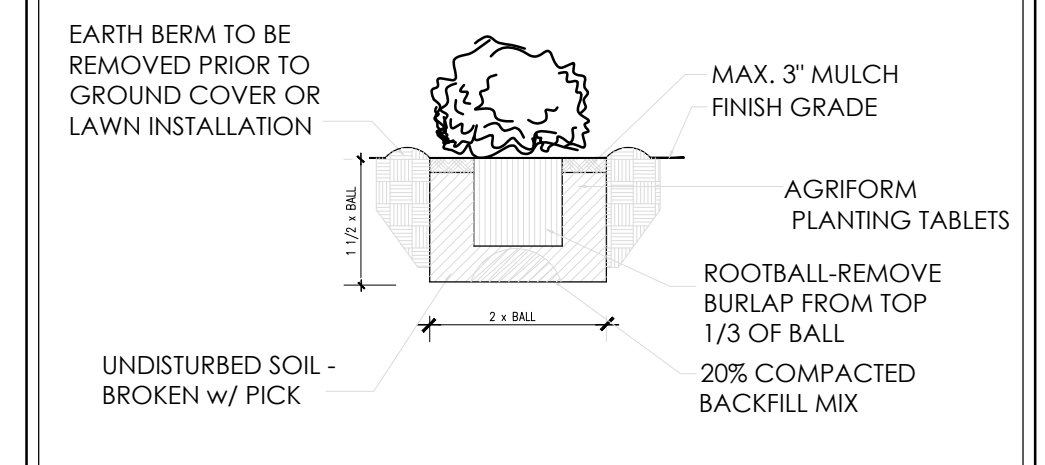
MATERIALS:

* PLANT MATERIAL SIZES (MINIMUM)

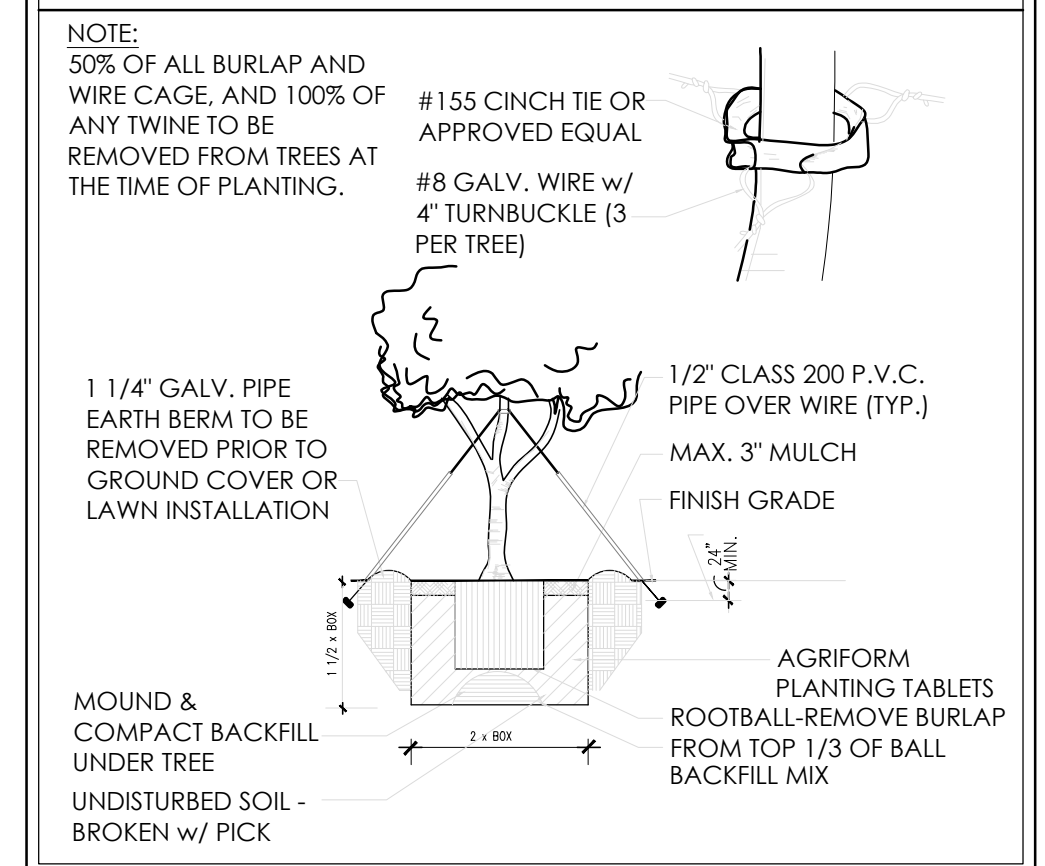
- EVERGREEN TREES..... 6' MIN. HEIGHT
- DECIDUOUS TREES..... 2 1/2" CALIPER
- SMALL DECIDUOUS TREES..... 2 1/2" CALIPER
- LARGE EVERGREEN SHRUBS..... 2'-3' HEIGHT
- DECIDUOUS SHRUBS..... 2'-3' SPREAD
- EVERGREEN SHRUBS..... 18" - 24" SPREAD
- GROUND COVER..... 18" - 24" SPREAD

- ALL LANDSCAPED AREAS SHALL BE EXCAVATED OF ALL BUILDING MATERIAL AND DEBRIS TO A MINIMUM DEPTH OF EIGHTEEN INCHES (18") AND BACKFILLED WITH A MEDIUM TEXTURED PLANTING SOIL. ALL LANDSCAPED AREAS ARE TO HAVE MINIMUM SIX INCHES (6") OF TOPSOIL AND ARE TO BE CROWNED A MINIMUM SIX INCHES (6") HIGHER THAN ADJACENT CURBS AND SIDEWALKS.
- ALL WRITTEN DIMENSIONS OVERRIDE SCALE DIMENSIONS ON PLAN.
- REPORT ALL CHANGES, SUBSTITUTIONS, OR DELETIONS TO THE ARCHITECT.
- ALL BIDDERS MUST INSPECT THE SITE AND REPORT ANY DISCREPANCIES TO THE ARCHITECT.
- ALL SPECIFICATIONS SUBJECT TO CHANGE DUE TO EXISTING SITE CONDITIONS.
- THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO APPROVE ALL PLANT MATERIAL.
- DO NOT PLANT DECIDUOUS OR EVERGREEN TREES DIRECTLY OVER UTILITY LINES. MAINTAIN A FIVE FOOT (5') DISTANCE FROM CENTER OF UTILITIES FOR PLANTING HOLES. CALL 411 OR OUPS FORTY-EIGHT (48) HOURS PRIOR TO LANDSCAPE CONSTRUCTION FOR FIELD LOCATION OF UTILITY LINES. MEASUREMENT AND QUANTITIES ARE ESTIMATES ONLY AND CONTRACTOR IS RESPONSIBLE FOR HIS/HER OWN QUANTITIES. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR 100% OF SOD REQUIRED INCLUDING AREAS IN R.O.W.
- IRRIGATION IS REQUIRED ON 75%-100% OF THE PROPERTY WITH EMPHASIS ON AREAS ALONG PRIMARY AND SECONDARY ROADWAYS AND 100% OF ALL LANDSCAPE AREAS ADJACENT TO THE STRUCTURE. IN COMPLIANCE WITH SECTION 1136.09 (b)(2).
- G.C. TO PROVIDE IRRIGATION. IRRIGATION TO BE DESIGNED BY OTHER. RAIN SENSOR & TIMER AS PART OF SPRINKLER SYSTEM DESIGN.
- ALL SERVICE STRUCTURES TO BE SCREENED PER CHAPTER 1136.08.

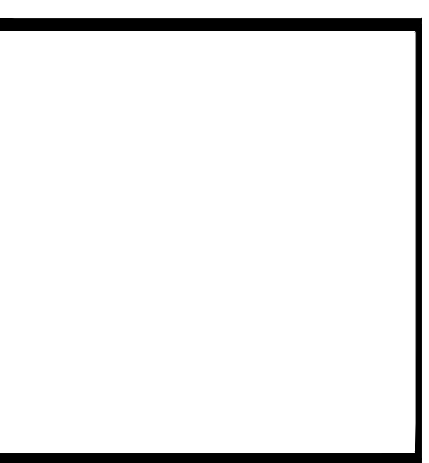
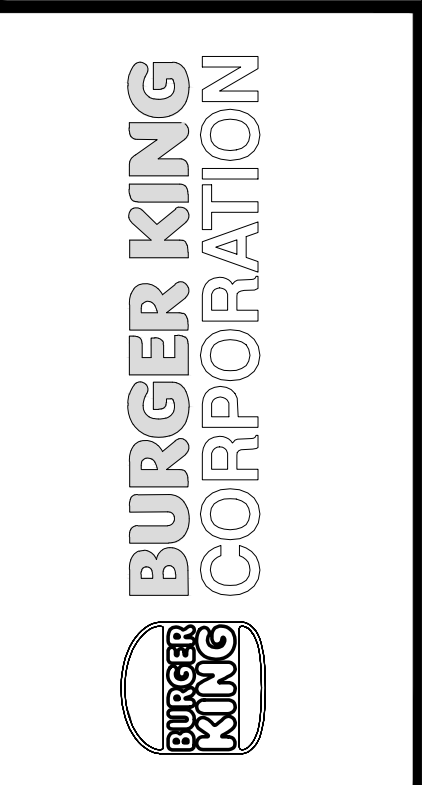
SHRUB PLANTING



BOX TREE & GUYING DETAIL

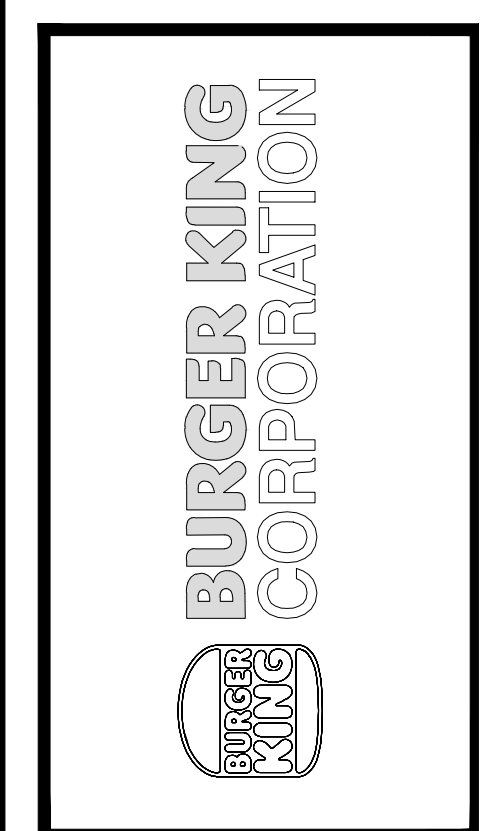


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Date: ---21							

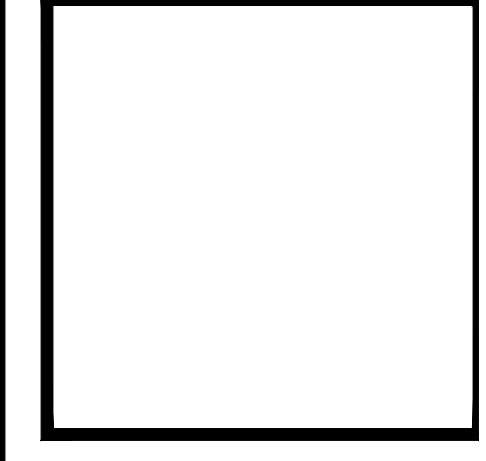


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SHEET	LS-1		

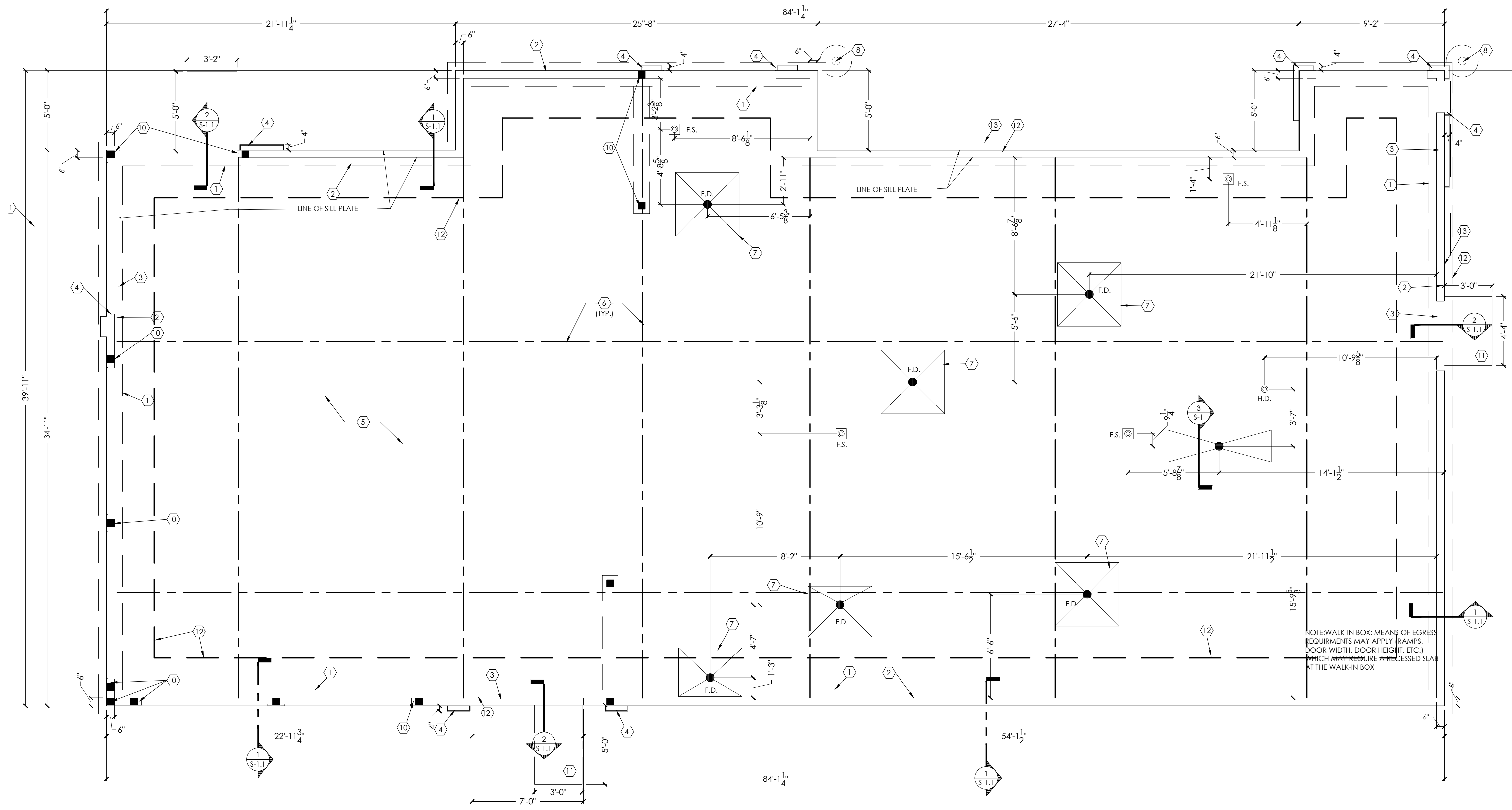
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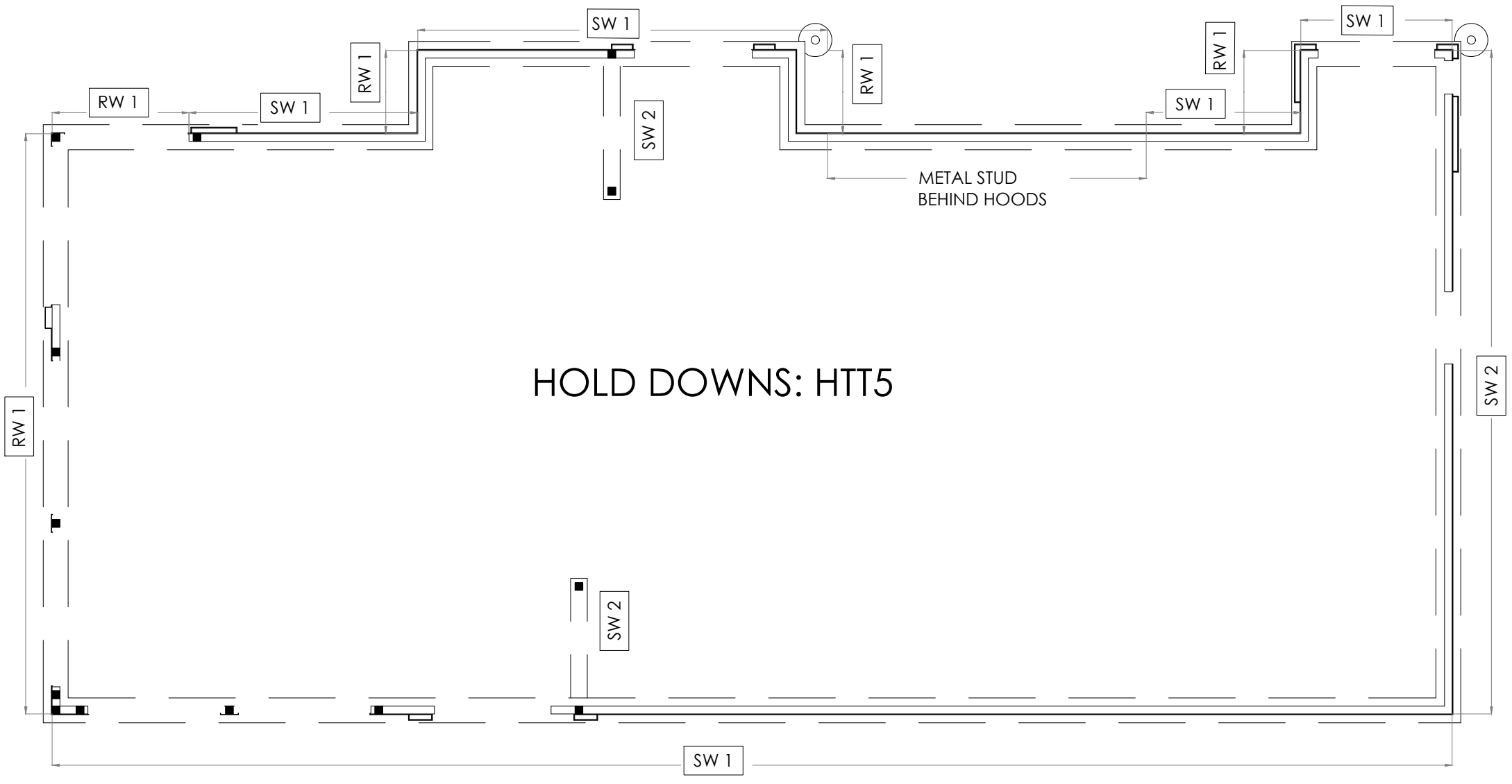
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PROJECT	BURGER KING 1440 NAPPANEE ST. ELMHART, IN 46514	SHEET TITLE	FOUNDATION PLAN
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JOB #	TG-21668		
SHEET	S-1		



1 FOUNDATION PLAN
SCALE: 1/4" = 1'-0"



2 SHEAR WALL PLAN
SCALE: 1/8" = 1'-0"

- SW 1 2x6 @ 16" O.C. WOOD STUD
W/ 1/2" PLYWOOD SHEATHING (ALL PANEL EDGES BLOCKED)
W/ 8d NAILS @ 6" O.C. AT PANEL EDGES AND 12" O.C. ON THE FIELD.
PROVIDE 6x6 POST OR PACKED STUDS AT EACH END OF SHEAR WALL AND AT CENTER FOR HOLDDOWN ATTACHMENT (USE SIMPSON HTTS)
- SW 2 2x6 @ 16" O.C. WOOD STUD
W/ 1/2" PLYWOOD SHEATHING (ALL PANEL EDGES BLOCKED)
W/ 8d NAILS @ 4" O.C. AT EDGES AND 12" O.C. ON THE FIELD.
PROVIDE 6x6 POST OR PACKED STUDS AT EACH END OF SHEAR WALL AND AT CENTER FOR HOLDDOWN ATTACHMENT (USE SIMPSON HTTS)
- RW 1 2x6 @ 16" O.C. WOOD STUD
W/ 1/2" PLYWOOD SHEATHING (ALL PANEL EDGES BLOCKED)
W/ 8d NAILS @ 6" O.C. AT PANEL EDGES AND 4" O.C. AT INTERMEDIATE STUDS.
PROVIDE 6x6 POST OR PACKED STUDS AT EACH END OF SHEAR WALL AND AT CENTER FOR HOLDDOWN ATTACHMENT (USE SIMPSON HTTS)

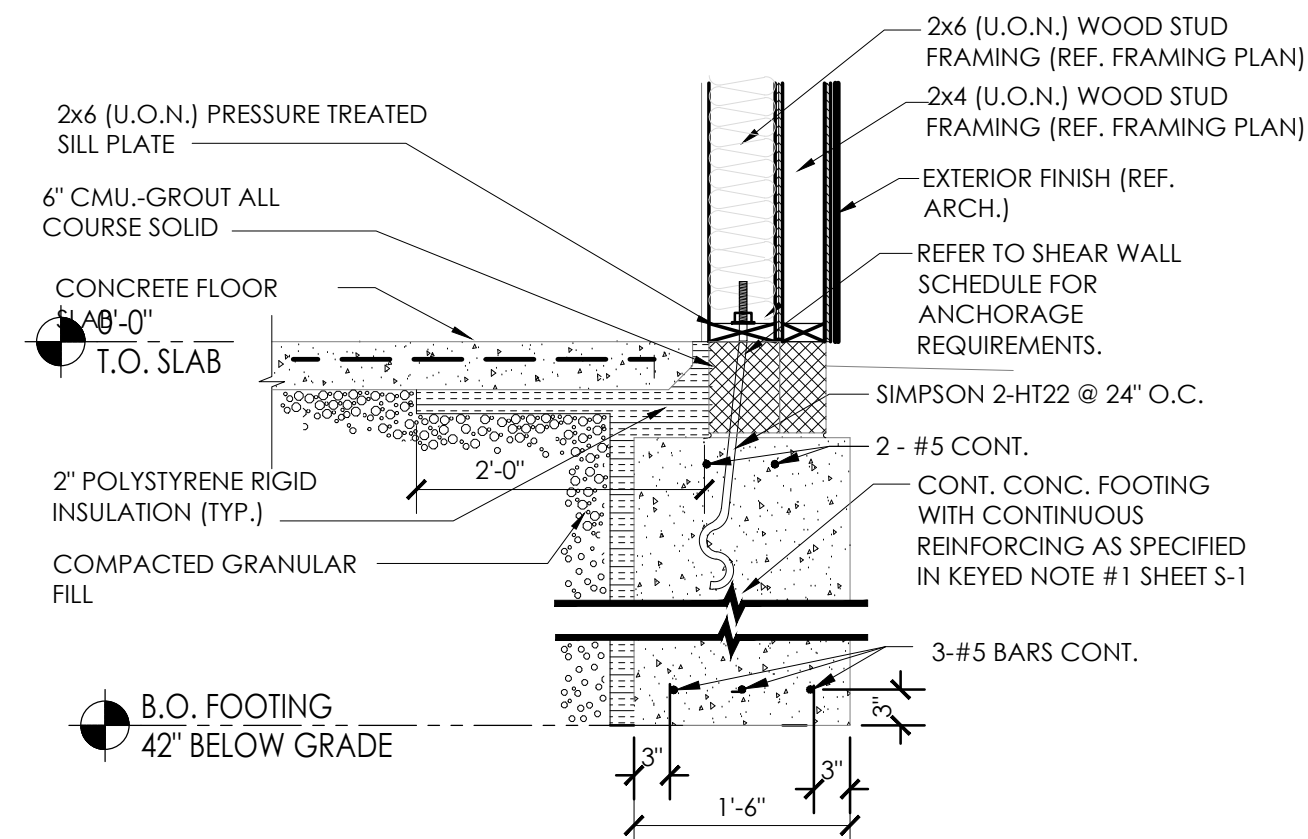
KEYED NOTES:

- 1 18" WIDE x 42" DEEP CONTINUOUS CONCRETE FOOTING WITH (3) #5 BARS CONTINUOUS TOP & BOTTOM
- 2 LINE OF SILL PLATE
- 3 EXTEND SLAB THRU AT OPENINGS (DETAIL 2/S-1.1)
- 4 PROVIDE 12" DEEP (4" A.F.F.) FOR FURR-OUT ELEMENTS AT TOWERS. CURB WIDTH TO BE DETERMINED BY FINISH FURR-OUT WIDTH. REFER TO SHEET A-1 FOR REQUIRED WIDTH AND DETAIL 1A/S-1.1.
- 5 4" MIN. CONCRETE SLAB WITH 6x6-W1.4xW1.4 W.W.F. (MIN REINFC) AT MID DEPTH OVER 6 MIL VAPOR BARRIER OVER 4" GRANULAR FILL.
- 6 CONTROL/CONSTRUCTION JOINTS - REFERENCE 4/S-1.1.
- 7 4x4' AREA SLOPED TO DRAIN @ 2% (TYP.)
- 8 6"x8-0" STEEL BOLLARD. FILL WITH CONCRETE. TOP OF BOLLARD AT 5'-0" ABOVE SURFACE OF PAVING WITH 24"x3-0" DEEP CONCRETE FOOTING (DETAIL S-1.1)
- 9 SHEAR WALL FOOTING - 12" x 2'-0" DEEP CONCRETE PAD W/ #4 BARS @ 12" O.C. BOTH DIRECTION, TOP & BOTTOM.
- 10 6x6 WOOD COLUMN OR (3)-2x6 BUILT-UP COLUMN
- 11 FROST BLOCK (SEE DETAIL ON S-1.1)
- 12 2" HORIZONTAL INSULATION AROUND PERIMETER OF BUILDING

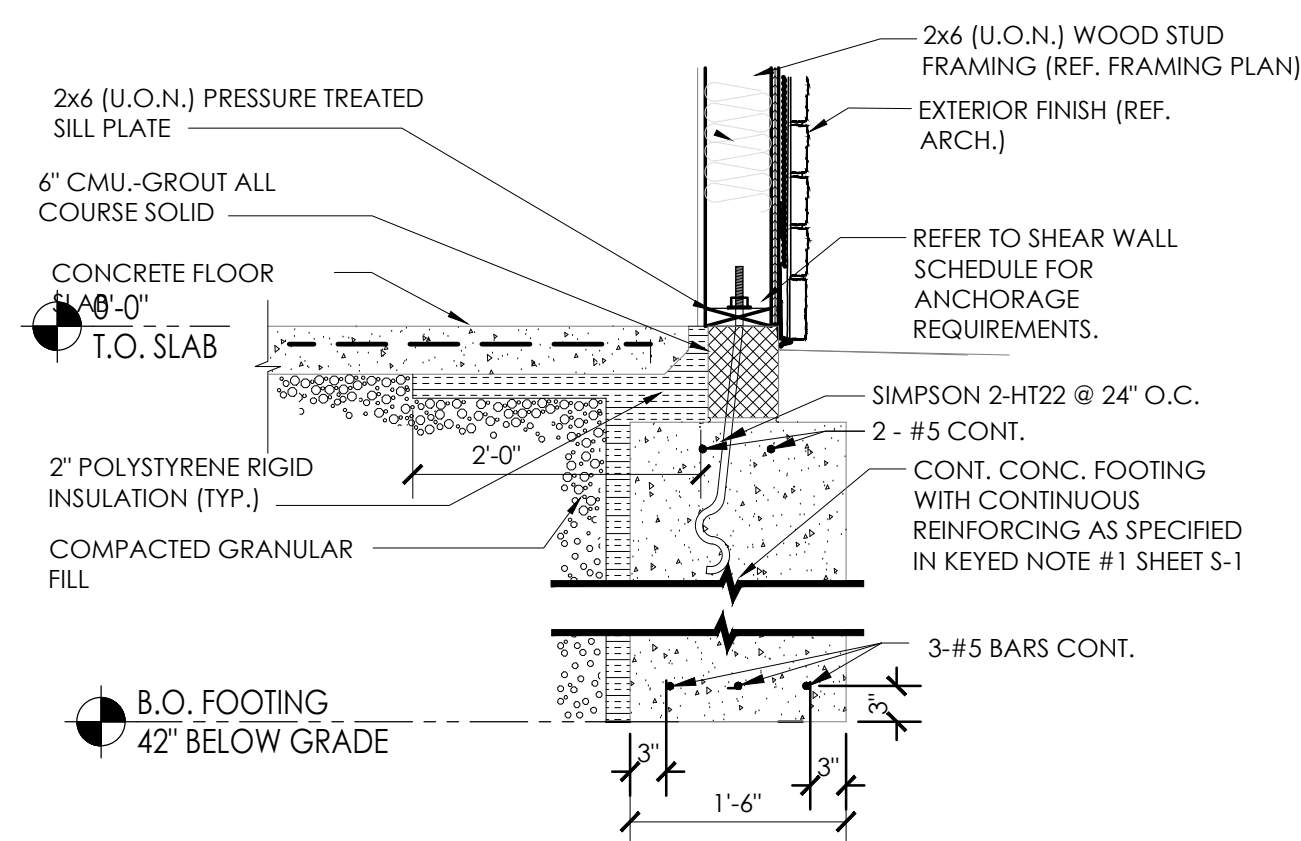
GENERAL NOTES:

- A. FOUNDATION PLAN WAS BASED ON AN ALLOWABLE BEARING CAPACITY OF 2500 PSF. SEE GEOTECHNICAL ENGINEERING REPORT BY TERRACON.
- B. ALL SOIL EXCAVATIONS FOR FOOTINGS & COMPACTION SHALL BE INSPECTED AND APPROVED BY A QUALIFIED SOILS ENGINEER REPRESENTING THE OWNER PRIOR TO PLACING CONCRETE. EXCAVATIONS SHALL BE FREE OF WATER AT ALL TIMES.
- C. NO ENGINEERED FILL SHALL BE PLACED UNTIL EXCAVATION BOTTOMS HAVE BEEN INSPECTED AND APPROVED BY A SOILS ENGINEER.
- D. BACKFILLING:
 - D.1. BOTH SIDES OF FOUNDATION WALLS SHALL BE BACKFILLED SIMULTANEOUSLY SO AS TO PREVENT OVERTURNING OR LATERAL MOVEMENT OF WALLS.
 - D.2. NO FILL OR BACKFILL SHALL BE SETTLED BY THE USE OF WATER.
- E. SEE SHEET S-3 FOR STRUCTURAL NOTES.
- F. SEE ELECTRICAL SHEETS FOR LOCATIONS OF UNDERGROUND CONDUIT.
- G. SEE PLUMBING PLAN FOR LOCATIONS OF UNDERGROUND PIPING.
- H. GC SHALL COORDINATE PIPING WITH FOOTINGS AND/OR STEM WALL. AND REPORT TO A/E OF ANY PENETRATIONS.
- I. ALL CONTINUOUS FOOTINGS SHALL BE CENTERED UNDER FOUNDATION WALLS UNLESS NOTED OTHERWISE.
- J. SOILS CONTRACTOR SHALL REFER AND CONFORM TO ALL RECOMMENDATIONS AND FINDINGS AS SET FORTH IN THE SOILS GEOLOGICAL REPORT. THE OWNER AND/OR ARCHITECT ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF THE FINDINGS OR FOR THE FINAL RECOMMENDATIONS. GRADING, TRENCHING, ETC. - CONTACT OWNER FOR INSTRUCTIONS PRIOR TO THE CONTINUATION OF WORK SHOULD ANY UNUSUAL CONDITIONS BECOME APPARENT DURING GRADING OR FOUNDATION CONSTRUCTION. EXISTING ELEVATIONS AND LOCATIONS TO BE JOINED SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. IF THEY DIFFER FROM THOSE SHOWN ON THE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE OWNER SO THAT MODIFICATIONS CAN BE MADE BEFORE PROCEEDING WITH THE WORK.
- K. REFER TO EQUIPMENT SUPPLIER DRAWINGS FOR LOCATIONS OF ALL FLOOR SINKS AND HUB DRAINS.

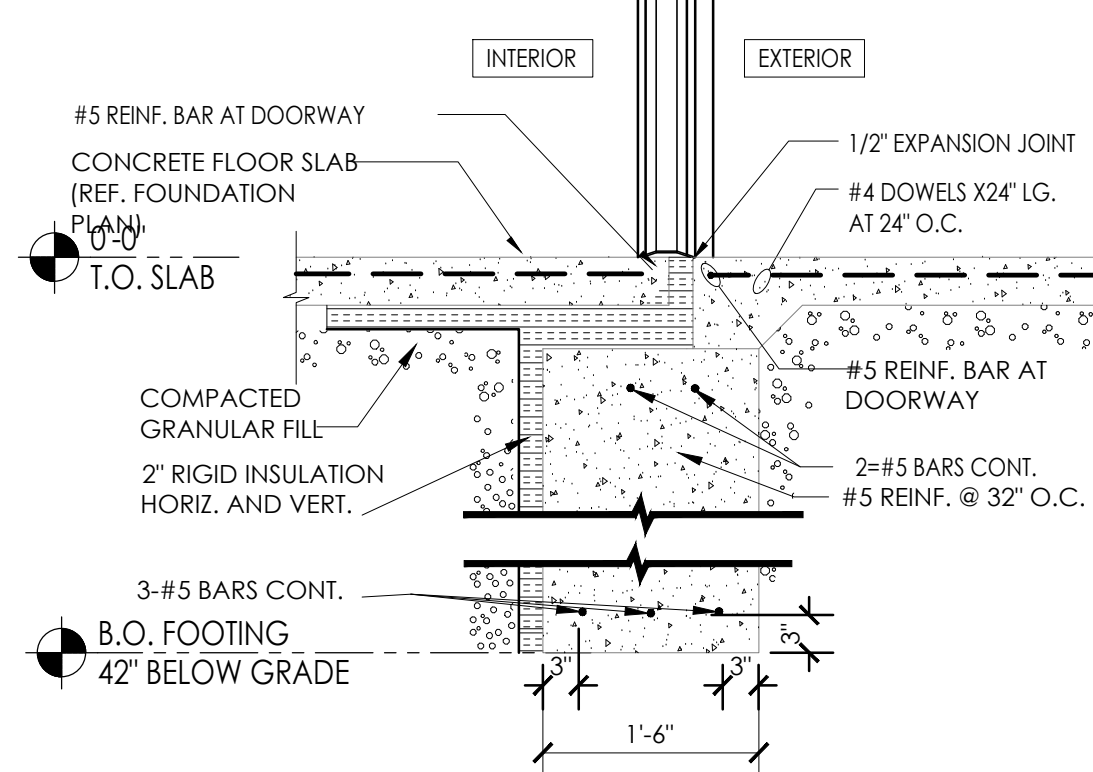
NOTE: WALK-IN BOX: MEANS OF EGRESS REQUIREMENTS MAY APPLY (RAMPS, DOOR WIDTH, DOOR HEIGHT, ETC.) WHICH MAY REQUIRE A RECESSED SLAB AT THE WALK-IN BOX



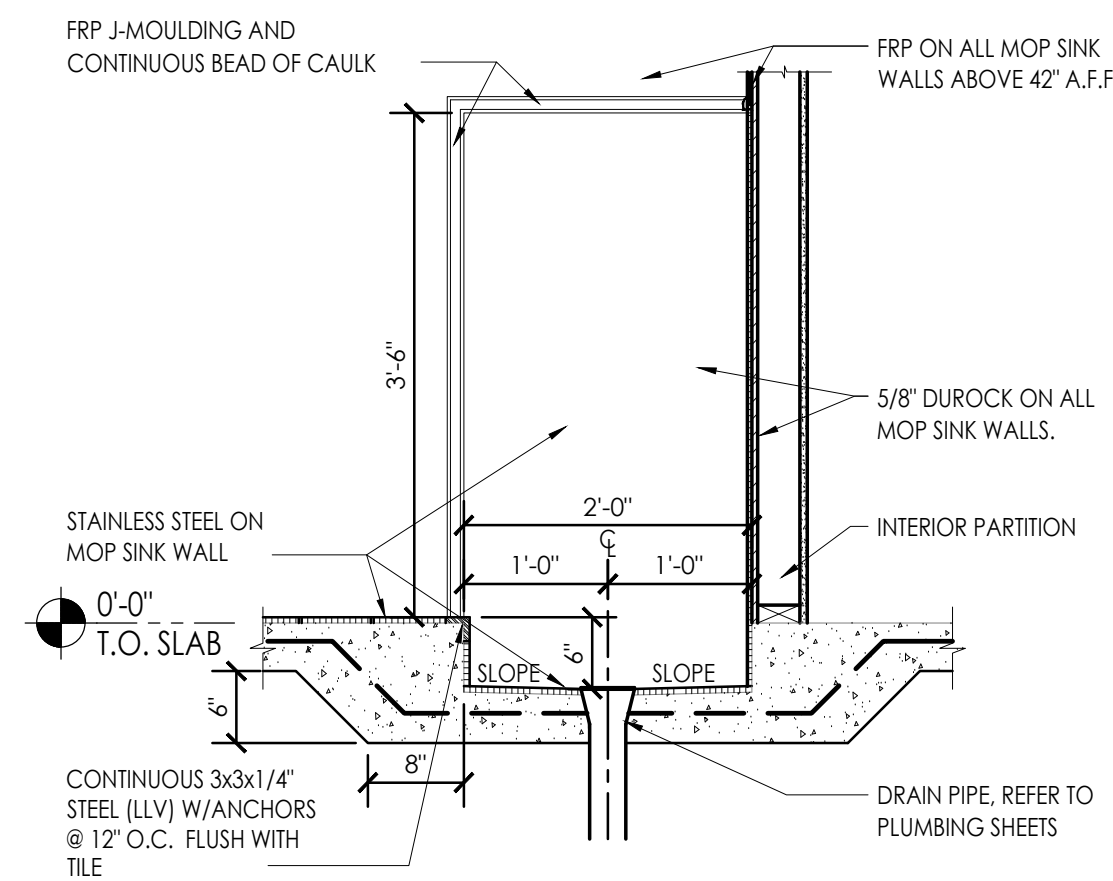
1A FOOTING DETAIL @ TOWER
SCALE: 3 / 4" - 1'-0"



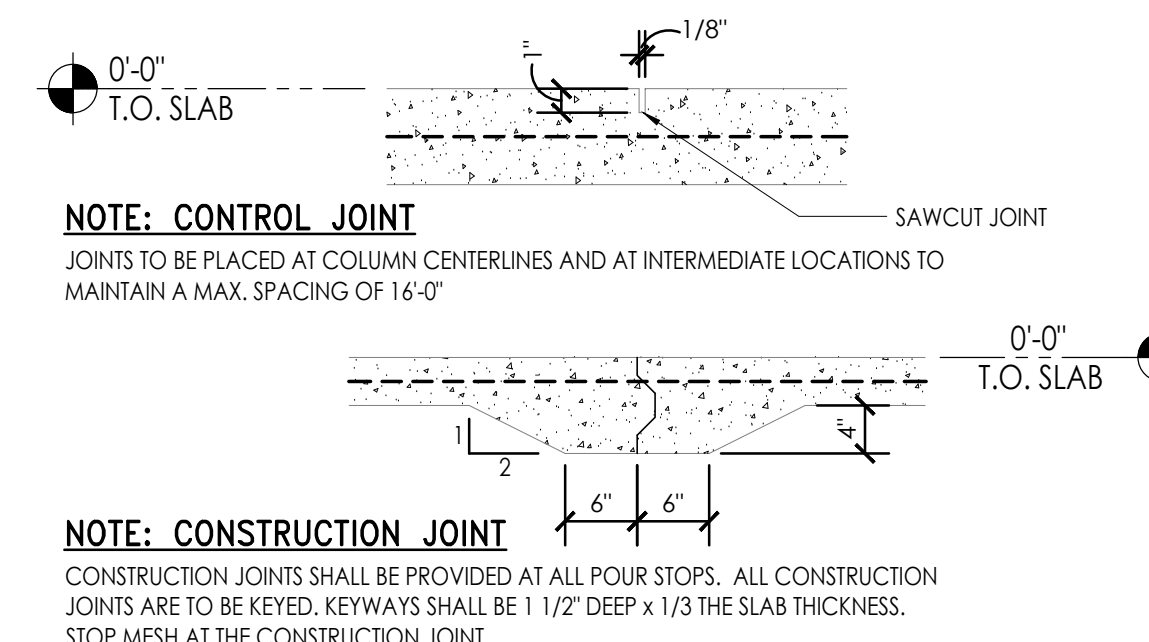
1 TYPICAL FOOTING DETAIL
SCALE: 3 / 4" - 1'-0"



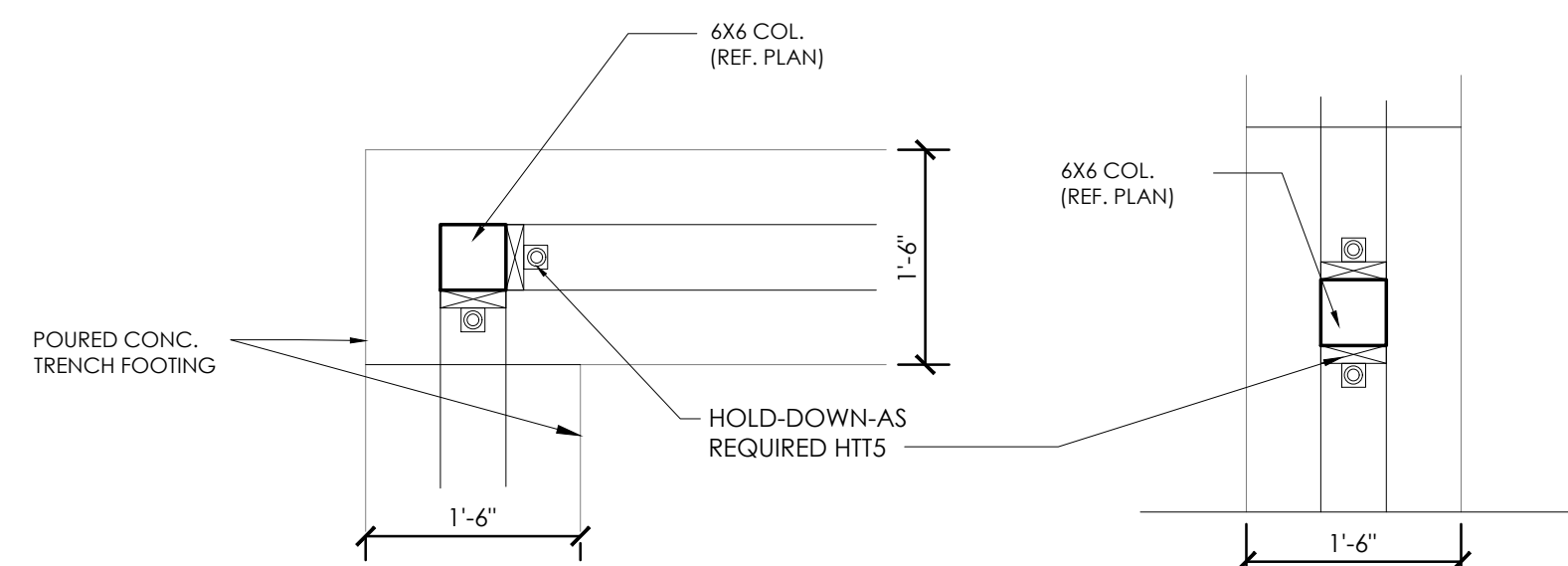
2 TYPICAL EXTERIOR DOOR SLAB DETAIL
SCALE: 3 / 4" - 1'-0"



3 MOP SINK SLAB DETAIL
SCALE: 3 / 4" - 1'-0"



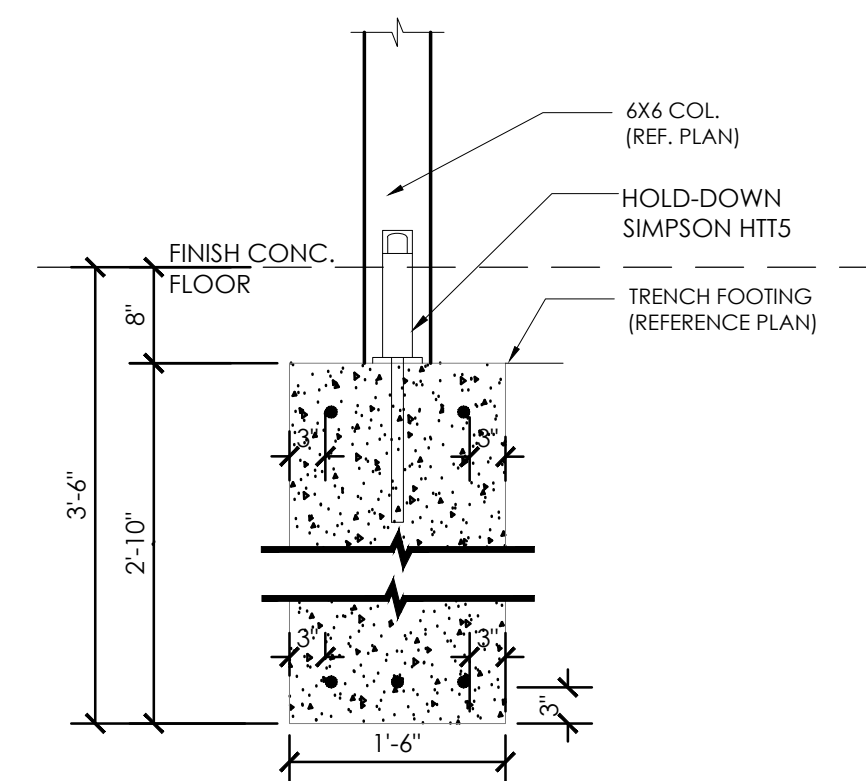
4 CONSTRUCTION/CONTROL JOINT
SCALE: 3 / 4" - 1'-0"



6.1 AT CORNER

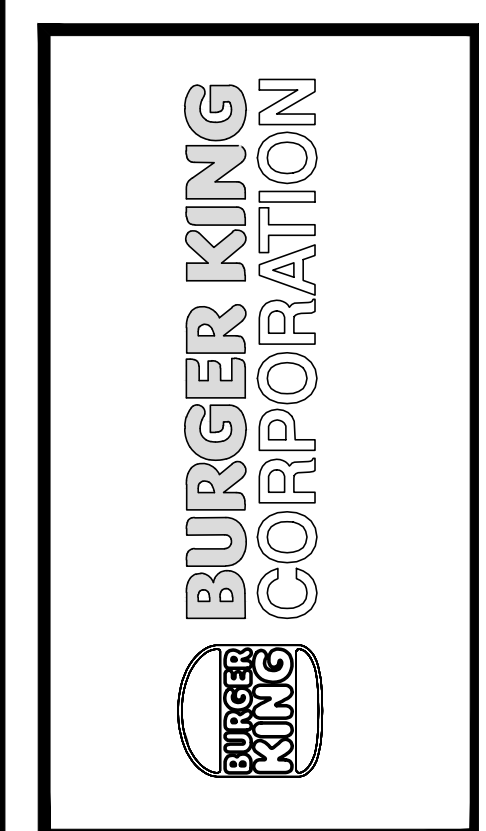
6.2 TYPICAL

6 STEEL PLATE DETAIL
SCALE: 3 / 4" - 1'-0"

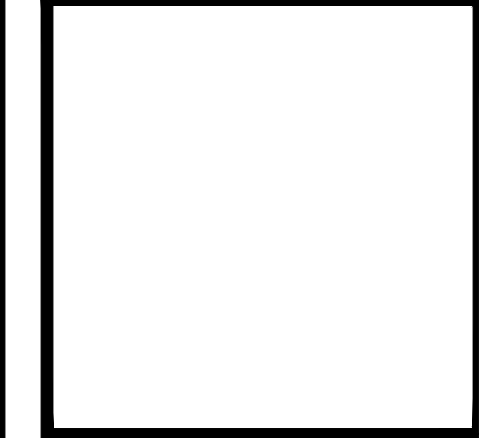


5 COLUMN/FOOTING SECTION
SCALE: 3 / 4" - 1'-0"

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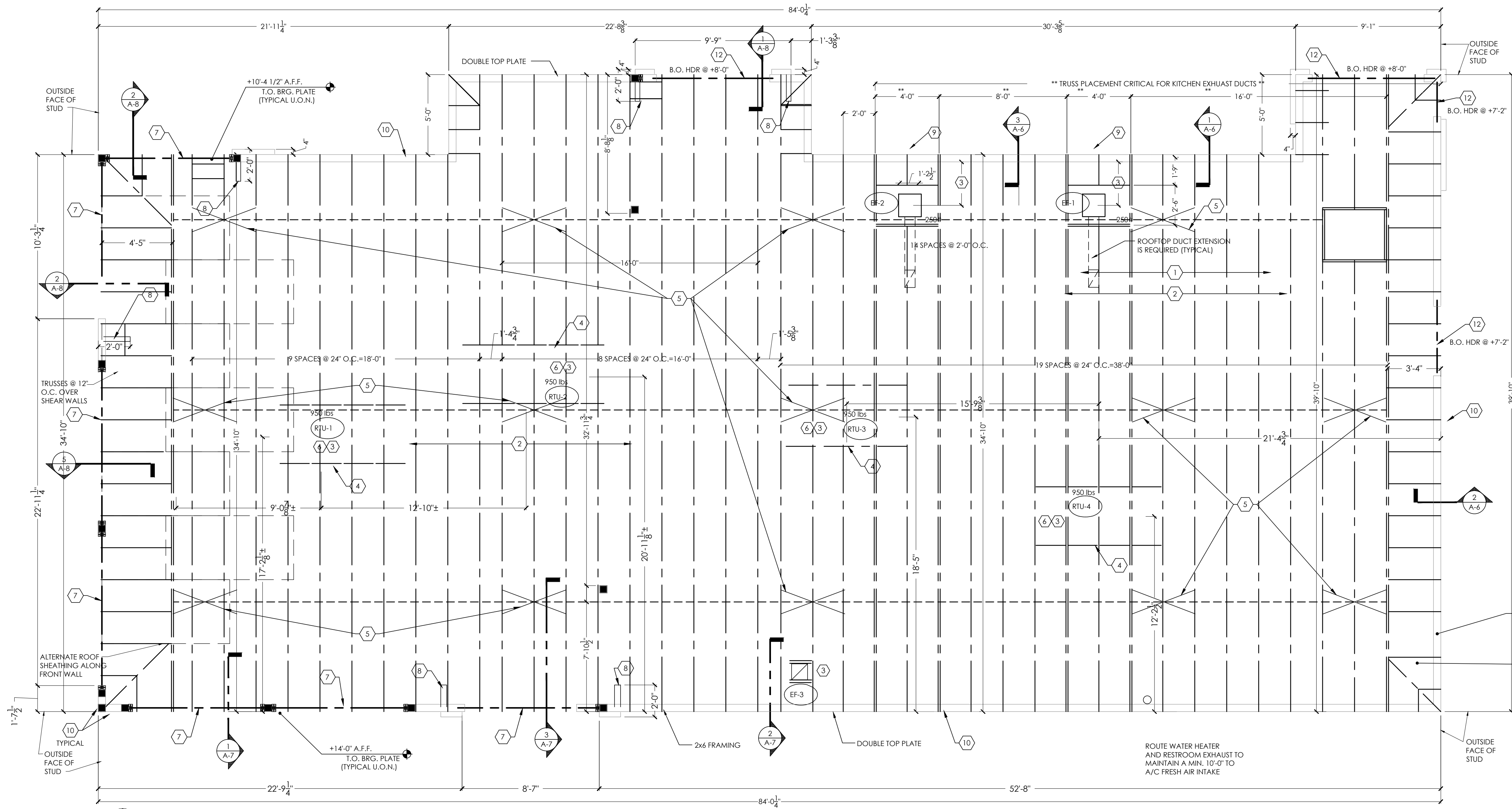


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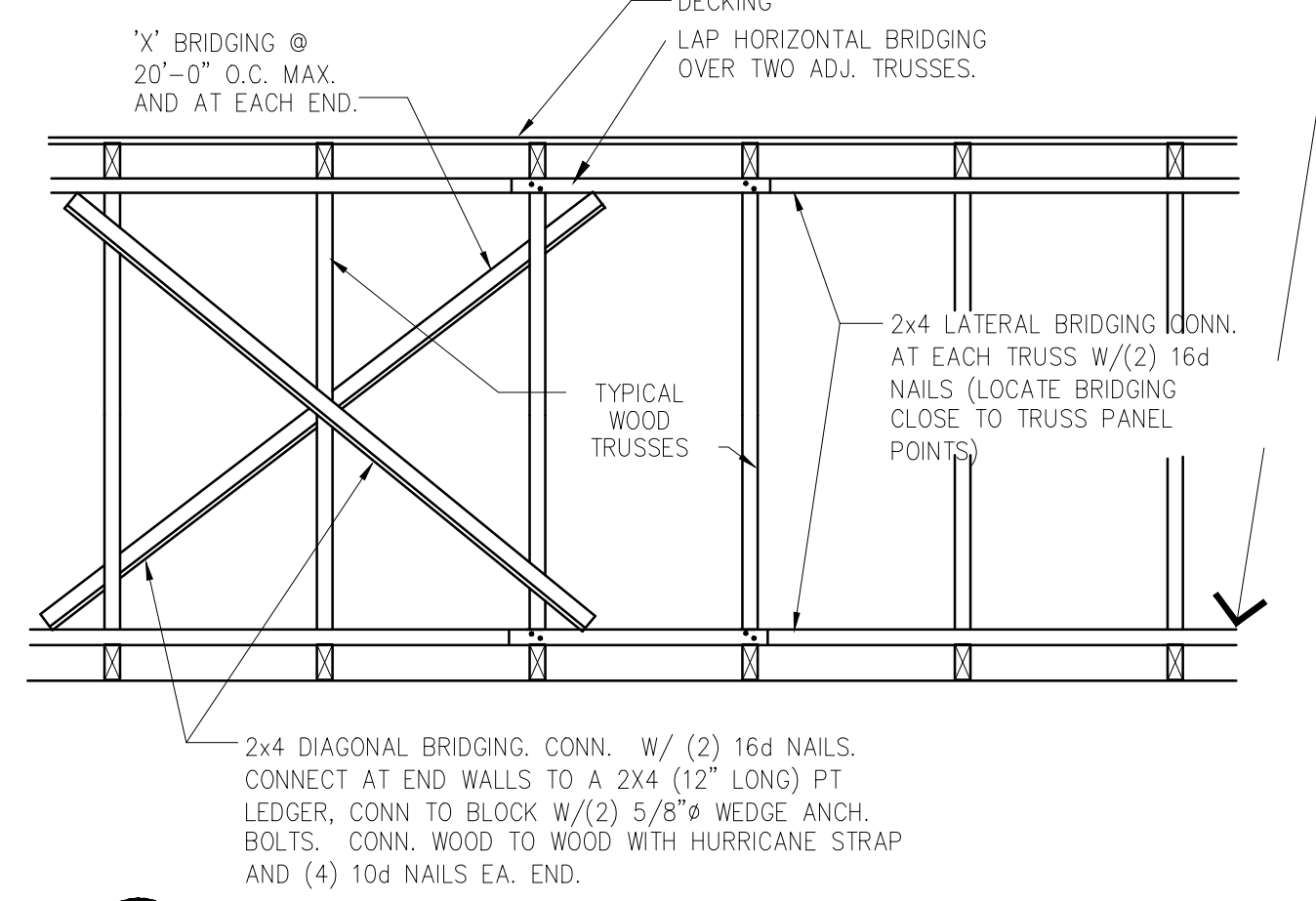
PROJECT	BURGER KING 1440 NAPPANEE ST. ELMHART, IN 46514	SHEET TITLE	FOUNDATION DETAILS
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JOB #	TG-21668		
SHEET	S-1.1		

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1 FRAMING PLAN
SCALE: 1/4" = 1'-0"

NOTE TO GENERAL CONTRACTOR:
WHERE THE CEILING IS NOT TO BE ATTACHED DIRECTLY TO THE UNDERSIDE OF THE TRUSSES, THE TRUSSES SHALL BE LATERALLY BRACED WITH CONTINUOUS 1" x 4" MEMBERS NAILED TO THE UPPER SIDE OF THE BOTTOM CHORD AT A MAXIMUM OF 6'-0" ON CENTER WITH TWO(2)-16d COMMON NAILS AT EACH INTERSECTION. THIS LATERAL BRACING SHALL BE RESTRAINED AT EACH END AND AT 20'-0".



1 BRIDGING DETAIL
SCALE: NTS

GENERAL NOTES:

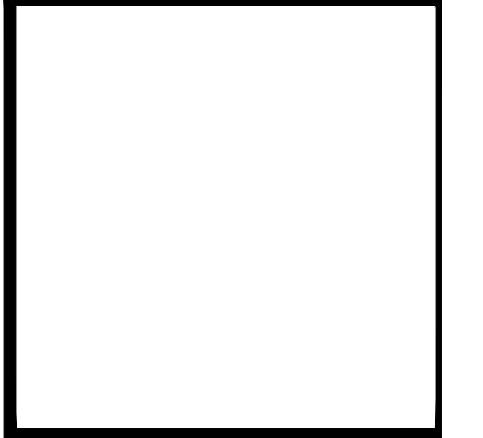
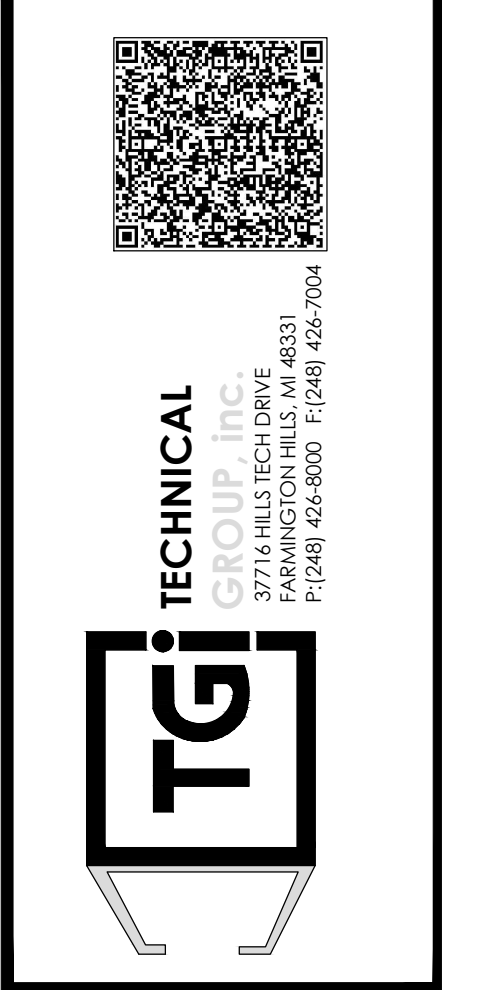
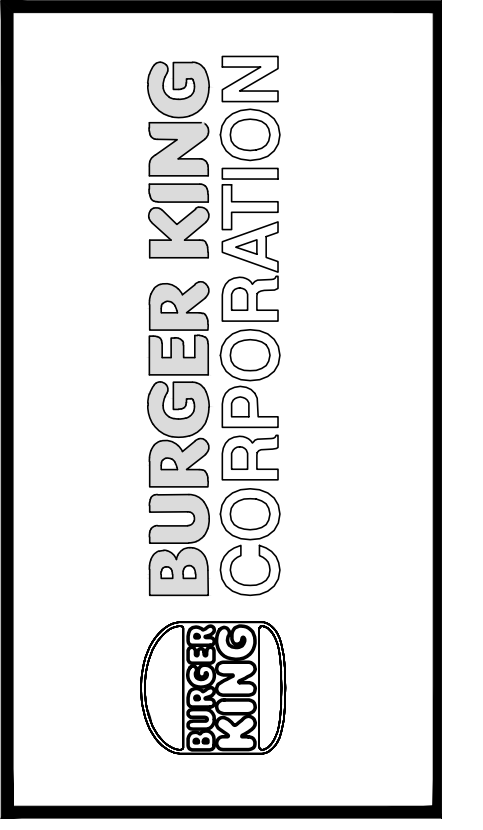
- A. ROOF OPENINGS FOR A/C UNITS: CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH MFR. AND SUPPLY SHOP DRAWINGS FOR INSTALLATION.
- B. IF REMOTE COMPRESSORS ARE USED, CONTRACTOR SHALL COORDINATE INSTALLATION WITH EQUIPMENT MANUFACTURER.
- C. SEE SHEET A-5 FOR DETAIL OF SCUPPERS, ROOF DRAINS, ROOF PENETRATIONS AND PITCH PANS.
- D. REFERENCE MECHANICAL SHEETS FOR RTU MOUNTING DETAILS.
- E. STRUCTURAL DESIGN CRITERIA: REFERENCE GENERAL NOTE, SHEET S-3.
- F. TRUSS MANUF. TO SUBMIT SHOP DRAWINGS FOR APPROVAL, PRIOR TO FABRICATION.
- G. REFERENCE SHEET S-3 FOR DETAILS OF TRUSS PROFILES.
- H. ALL HORIZ. FRAMING LUMBER, INCLUDING 2x JOISTS, BEAMS AND HEADERS SHALL BE DENSE NO. 2 DOUGLAS FIR-LARCH OR BETTER.
- I. ALL WOOD STUDS SHALL BE STRUCTURAL NO. 2 DOUGLAS FIR-LARCH OR BETTER.
- J. ALL BEAM SPLICES SHALL OCCUR OVER SUPPORT COLUMNS.
- K. VERIFY EXACT LOCATIONS OF MECHANICAL UNITS WITH MECHANICAL CONTRACTOR.
- L. ROOF TRUSSES TO BE 2'-6" MAX. IN DEPTH. IF DEEPER ROOF TRUSSES ARE REQUIRED, PLEASE NOTIFY ARCHITECT IMMEDIATELY.
- M. WHERE MULTIPLE TRUSSES ARE INDICATED, TOP CHORDS SHALL BE BOLTED WITH 1/2 INCH DIAMETER BOLTS AT 4'-0" O.C., OR AS SPECIFIED BY THE TRUSS MANUFACTURER.
- N. REFERENCE SHEET S-3 FOR STRUCTURAL NOTES.

KEYED NOTES:

- (1) RATED SHEATHING BLOCKED AT PANEL EDGES WITH 8d NAILS AT 6" O.C. AND INTERMEDIATE SUPPORTS
- (2) PREFAB. WOOD TRUSSES AT 2'-0" O.C. MAX. (TYP) UNLESS NOTED
- (3) ROOF OPENING FOR MECHANICAL SYSTEMS, REF. TO MECH. SHEETS FOR SIZE OF ROOF PENETRATIONS.
- (4) (2) 2x8 BETWEEN TRUSSES LVS28-2 SIMPSON JOIST HANGER EACH END
- (5) WOOD BRIDGING. REFERENCE DETAIL 02/S-2
- (6) REFER TO M-2 FOR A/C CURB MOUNTING DETAIL.
- (7) FRONT: UPPER BEAMS (3) 2X12 WOOD STUDS; LOWER BEAMS (3) 2X10 WOOD STUDS; SIDE: UPPER BEAMS 3 PLY 1 1/2" x 11 1/2" LVL; LOWER BEAMS (3) 2X10 WOOD STUDS
- (8) PROVIDE 2x4 FRAMED RETURN WALL AT RAISED PARAPET TOWER ELEMENT. REFER TO DETAILS #3 AND #4, SHEET A-8
- (9) CENTER LINE OF EXHAUST DUCT. VERIFY LOCATION IN FIELD. VERIFY DUCT SIZE WITH MANUFACTURER.
- (10) ALL WALL FRAMING TO BE 2x10 WOOD STUDS @ 16" O.C. (U.O.N.)
- (11) 2x4 BLOCKING @ 24" O.C. AT BOTTOM CHORD OF TRUSS FOR BRACING OF NON-LOAD BEARING EXTERIOR WALLS.
- (12) WOOD HEADER (3) 2x10 W/ (2) 3" PLWD SPACERS. DOUBLE STUDS AT EACH END OF OPENING (4" MIN. BEARING)

No.	1	Date		By	DB	Notes	FOR SUBMITTAL TO CITY PLANNING
Drawn By:	CP	Checked:	SB	Scale:	AS NOTED	Date:	---21

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PROJECT	BURGER KING 1440 HAPPAWEE ST. ELMHART, IN 46514	SHEET TITLE	FRAMING PLAN
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.			
JOB #	TG-21668		
SHEET	S-2		

STRUCTURAL NOTES

- A. GENERAL**
- THE DRAWINGS ARE INTENDED TO SHOW THE GENERAL ARRANGEMENT, DESIGN AND EXTENT OF THE WORK AND ARE PARTIALLY DIAGRAMMATIC. THEY ARE NOT INTENDED TO BE SCALED FOR ROUGH OR FINISH MEASUREMENTS, OR TO SERVE AS SHOP DRAWINGS OR PORTIONS THEREOF.
 - ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSIDERED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE ON THE PROJECT, EXCEPT WHERE A DIFFERENT DETAIL OR SECTION IS SHOWN.
 - PRIOR TO START OF CONSTRUCTION, THE CONTRACTOR AND ALL THE SUB-CONTRACTORS SHALL VERIFY ALL GRADES, LINES, LEVELS, DIMENSIONS AND COORDINATE EXISTING CONDITIONS AT THE JOB SITE WITH THE PLANS AND SPECIFICATIONS. THEY SHALL REPORT ANY INCONSISTENCIES OR ERRORS IN THE ABOVE TO THE ARCHITECT/ENGINEER BEFORE COMMENCING WORK. THE CONTRACTOR AND HIS SUB-CONTRACTORS SHALL LAY OUT THE WORK FROM ESTABLISHED REFERENCE POINTS AND BE RESPONSIBLE FOR ALL LINES, ELEVATIONS AND MEASUREMENTS IN CONNECTION WITH THEIR WORK.
 - IF SOLELY THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE AND TO INSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REQUIRED SHORING, SHEETING, TEMPORARY BRACING, CUTS OR THE DOWNING WHICH MIGHT BE NECESSARY. SUCH MATERIAL SHALL REMAIN THE CONTRACTOR'S PROPERTY AFTER THE COMPLETION OF THE PROJECT.
 - IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.
 - THE CONTRACTOR SHALL USE THE STRUCTURAL DRAWINGS AND SPECIFICATIONS TOGETHER WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL AND OTHER TRADE DRAWINGS AND SHOP DRAWINGS, TO COORDINATE ALL DETAILS, DIMENSIONS, ELEVATIONS, ETC., NOTIFY ARCHITECT/ENGINEER, IN WRITING, OF ANY POTENTIAL CONFLICTS BEFORE PROCEEDING WITH THE WORK.
 - SHOULD ANY OF THE DETAILED INSTRUCTIONS SHOWN ON THE PLANS CONFLICT WITH THESE STRUCTURAL NOTES, THE SPECIFICATIONS, OR WITH EACH OTHER, THE STRICTEST PROVISION SHALL GOVERN.

- B. GOVERNING CODE: 2014 - INDIANA BUILDING CODE**
- ROOF SNOW LOADS
 - GROUND SNOW LOAD: $P_g = 30$ PSF (FIGURE 1608.2)
 - FLAT-ROOF SNOW LOAD: $P_f = 30$ PSF (ASCE 7, SECT 7.3)
 - SNOW EXPOSURE FACTOR: $C_e = 1$ (TABLE 1608.3.1)
 - SNOW LOAD IMPORTANCE FACTOR: $I_s = 1$ (TABLE 1604.5)
 - SNOW THERMAL FACTOR: $C_t = 1$ (TABLE 1608.2.2)
 - ALL APPLICABLE EFFECTS DUE TO SNOW DRIFTING (SECTION 1608)
 - ROOF LIVE LOADS
 - MINIMUM ROOF LIVE LOAD = 30 PSF (SECTION 1607.11.2)
 - SEE "TREATMENT OF WOOD TRUSSES" DESIGN CRITERIA FOR ADDITIONAL LOADING INFORMATION.
 - WIND LOADS
 - BASIC WIND SPEED = 115 MPH (FIGURE 1609)
 - WIND LOAD IMPORTANCE FACTOR: $I_w = 1$ (TABLE 1604.5)
 - WIND EXPOSURE CATEGORY "B" (SECTION 1609.4)
 - SEISMIC DESIGN DATA:
 - SEISMIC SITE CLASS - VV WITH SOIL TEST BASED ON SECTION 1615.1
 - SEISMIC IMPORTANCE FACTOR: $I_p = 1$ (TABLE 1604.5)
 - SITE (SOIL) CLASS - VV WITH SOIL TEST SECTION 1615.1.2
 - STRUCTURAL FRAMING AND SEISMIC RESISTING SYSTEM: LIGHT-FRAMED WALLS WITH SHEAR PANELS (TABLE 1617.2.2, ITEM 1)

- C. FOUNDATION**
- FOUNDATIONS ARE DESIGNED TO BEAR ON NATURAL GRADE OR FILL, WELL COMPACTED, OF AN ALLOWABLE BEARING CAPACITY, INDICATED ON THE FOUNDATION PLAN.
 - A CERTIFIED TESTING LABORATORY SHALL BE ENGAGED BY THE OWNER TO PERFORM SOIL BORINGS, PROVIDE A FOUNDATION REPORT AND VERIFY THAT THE REQUIRED MINIMUM BEARING CAPACITY WAS OBTAINED.
 - SAID SOIL CAPACITY SHALL BE CERTIFIED AND TESTED BY A REGISTERED FOUNDATION ENGINEER, PRIOR TO CASTING OF CONCRETE IN THE FOOTINGS.
 - BOTTOM OF FOOTING ELEVATION TO BE DETERMINED BY THE SOIL CONDITIONS AND FROST-LINE DEPTH.
 - ALL LONGITUDINAL REBARS IN THE WALL FOOTINGS, SHALL BE CONTINUOUS AND SPLICED AS SPECIFIED. CONTINUE ALL HORIZONTAL REBARS AT BENTS AND CORNERS BY BENDING THE REBAR IN BAR DIAMETERS AROUND THE CORNERS OR ADDING MATCHING CORNER BARS, EXTENDING 4B BAR DIAMETERS INTO FOOTING EACH SIDE OF CORNER OR BENT.

- D. REINFORCED CONCRETE**
- MATERIALS:
 - CONCRETE: IN GENERAL, COMPLY WITH ACI 301 (LATEST EDITION)
 - SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS:
 - STRUCTURAL CONCRETE:

CLASS	LOCATION	F _c
I	FOOTINGS, CASSIONS, & GRADE BEAMS	3000
II	INTERIOR SLABS, ON GRADE, AND ALL INTERIOR CONCRETE NOT OTHERWISE IDENTIFIED	3500
III	PIERS PLACED INTEGRALLY WITH WALLS, EXTERIOR SLABS ON GRADE, AND ALL EXTERIOR CONCRETE (WITH AIR) NOT OTHERWISE IDENTIFIED	4000
IV	BACKFILL BELOW FOOTINGS AND GRADE BEAMS	1,500
 - ALL DEFORMED REINFORCING BARS: F_y = 60,000.
 - GALVANIZED WELDED WIRE FABRIC SHALL CONFORM TO ASTM A165 (LATEST EDITION). USE SHEET PILE HOT ROLLED.
 - FIELD MANUAL: PROVIDE AT LEAST ONE COPY OF THE ACI FIELD REFERENCE MANUAL, SP-15, IN THE FIELD OFFICE AT ALL TIMES.
 - CONTINGENCIES:
 - PROVIDE SUPPORTS AS REQUIRED TO MAINTAIN ALIGNMENT AND CONCRETE COVER OVER THE REINFORCING.
 - FOOTINGS:
 - VERTICAL DOWELS IN FOOTINGS TO MATCH VERTICAL WALL REINFORCING.
 - PROVIDE LEAN CONCRETE (CLASS IV) UNDER FOUNDATIONS FOR ACCIDENTAL OVER EXCAVATION, SOFT SPOTS AND TRENCHES.
 - SPLICING: UNLESS NOTED OTHERWISE, MINIMUM LAP SPLICING LENGTHS TO BE AS FOLLOWS:
 - VERTICAL BARS IN WALLS, PIERS, OR COLUMNS (INCLUDING DOWELS) 35 DIAMETER
 - HORIZONTAL BARS IN SLABS & FOOTING 40 DIAMETER
 - HORIZONTAL BARS IN WALL 45 DIAMETER
 - SAW-CUT & CONSTRUCTION JOINTS: PROVIDE JOINTS IN ALL SLABS ON GRADE, AS INDICATED ON THE FOUNDATION PLAN.
 - CONCRETE COVER: UNLESS NOTED OTHERWISE, DETAIL REINFORCING TO PROVIDE CONCRETE COVER AS FOLLOWS:
 - CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO WEATHER: 3 INCHES
 - CONCRETE EXPOSED TO EARTH OR WEATHER: 1 1/2 INCHES
 - OTHERS: 2 INCHES
 - CONCRETE NOT EXPOSED TO EARTH OR WEATHER:
 - BEAM AND COLUMN BARS INCLUDING TEE, STIRRUPS AND SPIRALS 1 1/2 INCHES
 - SLABS, WALLS, JOISTS 1 INCH
 - #11 BARS AND SMALLER 1 INCH
 - OTHERS 1 1/2 INCHES

- E. STRUCTURAL STEEL**
- MATERIALS:
 - STRUCTURAL STEEL: ASTM A36, F_y = 36 KSI; ASTM A572, ANCHOR BOLTS: ASTM A307 OR A36; ELECTRODES: SERIES E70; EXPANSION BOLTS: HELIX TYPE BOLTS OR APPROVED EQUAL.
 - SPECIFICATIONS: WELDING PERSONNEL AND PROCEDURES ARE TO BE QUALIFIED PER AWS D1.1, UNLESS SPECIFICALLY SHOWN OTHERWISE. DESIGN, FABRICATION AND ERECTION TO BE GOVERNED BY: (ALL CODES - LATEST EDITION)
 - AWS SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS.
 - AWS CODE OF STANDARD PRACTICE.
 - STRUCTURAL WELDING CODE, AWS D1.1 OF THE AMERICAN WELDING SOCIETY.
 - CONNECTIONS: CONNECTIONS TO BE DESIGNED BY THE FABRICATOR TO DEVELOP FULL STRENGTH OF MEMBER OR FORCES SHOWN ON THE PLANS, WHICHEVER GOVERNS. FOLLOW INSTRUCTIONS ON DRAWINGS FOR GENERAL ARRANGEMENT OR PARTICULAR DETAILS.
 - GALVANIZING: ALL SHELF ANGLES, LINTELS IN EXTERIOR WALLS, AND ALL EXTERIOR STEEL EXPOSED TO THE ELEMENTS SHALL BE HOT DIP GALVANIZED.
 - MISCELLANEOUS:
 - PROVIDE HOLES FOR OTHERS, IF OPENING IS NOT SHOWN ON THE STRUCTURAL DRAWINGS, OBTAIN PRIOR APPROVAL.
 - STEEL SUPPORTING OR CONNECTED TO HVAC AND OTHER EQUIPMENT AND ROOF OPENINGS AS SHOWN ON THE DRAWINGS IS SHOWN FOR BEDDING PURPOSES ONLY. CONTRACTOR SHALL RECONCILE EXACT SIZE AND LOCATION BEFORE PROCEEDING WITH HIS WORK.
 - GROUT UNDER BEARING PLATES, BASE PLATES, AND SETTING PLATES TO BE NON-SHRINKING TYPE.
 - STEEL BELOW GRADE TO BE PROTECTED BY A MIN. OF 3 INCHES OF CONCRETE.
 - PROVIDE HEAVY WASHER AT ALL ANCHOR BOLTS.
 - EMBEDMENT LENGTH OF EXPANSION BOLTS INTO SOLID MASONRY OR CONCRETE SHALL BE AS FOLLOWS:
 - 1/2 INCH DIAMETER BOLTS - 3 1/2 INCHES EMBEDMENT
 - 3/4 INCH DIAMETER BOLTS - 5 INCHES EMBEDMENT

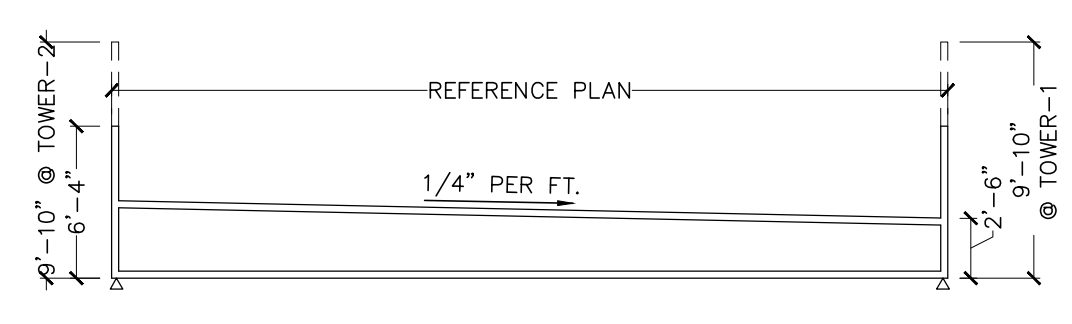
- F. MASONRY**
- MATERIALS:
 - CONCRETE BLOCK: ASTM C90 (HOLLOW) ASTM C145 (SOLID).
 - MORTAR: ASTM C770 TYPE "S", AVERAGE COMPRESSIVE STRENGTH: 1800 PSI MINIMUM (AT 28 DAYS).
 - BOND BEAM AND CORE FILL: ASTM C94, COARSE TYPE 1.
 - JOINT REINFORCING: MESH GALVANIZED FINISH, 9 GAUGE MINIMUM SIDE WIRES AND CROSS WIRES (LADDER OR TRUSS TYPE).
 - BAR REINFORCING: ASTM A615, GRADE 60.
 - REINFORCED MASONRY, WHERE VERTICAL BARS ARE TO BE GROUTED INTO CORES, THE FOLLOWING REQUIREMENTS APPLY:
 - PROVIDE DOWELS FROM FOOTING, SAME SIZE AND SPACING AS WALL BARS. LAP 12 INCHES MINIMUM WITH WALL BAR, EMBED INTO FOOTING 9 INCHES.
 - PROVIDE A CONTINUOUS VERTICAL CAVITY, AT LEAST 2"x3" IN SIZE. FREE OF MORTAR OR CRACKING.
 - AT SPLICES IN VERTICAL BARS, PROVIDE MECHANICAL COUPLERS OR 4B DIAMETER LAP.
 - ALL REINFORCEMENT MUST BE INSTALLED AND SECURELY ANCHORED IN PLACE PRIOR TO PLACEMENT OF GROUT.
 - MISCELLANEOUS:
 - FILL CORE SOLID AROUND ANCHOR BOLTS.
 - PROVIDE 100% SOLID BLOCKS OR SOLID FIELDED HOLLOW BLOCKS AT ALL EXPANSION JOINT LOCATIONS.
 - HOLLOW MASONRY UNITS TO BE LAID WITH FULL MORTAR COVERAGE ON HORIZONTAL AND VERTICAL FACE SHELLS. WEBS SHALL ALSO BE BEDDED IN ALL COURSES IN THE STARTING COURSE ON FOOTINGS, AND WHEN ADJACENT TO CELLS OR CAVITIES TO BE REINFORCED OR FILLED WITH CONCRETE OR GROUT. SOLID UNITS TO BE LAID WITH FULL HEAD AND BED JOINTS.
 - LAP JOINT REINFORCING 4 INCHES FOR STANDARD, 15 INCHES FOR HEAVY WEIGHT.
 - WHERE MASONRY UNITS ARE USED ABOVE HOLLOW UNITS OF A DIFFERENT THICKNESS, PROVIDE A CONTINUOUS COURSE OF 100% SOLID MASONRY (OR SOLID GROUTED BLOCK) AT LEAST 8 INCHES HIGH BELOW TRANSITION.

- H. STRUCTURAL LUMBER**
- STUDS: STRUCTURAL LUMBER: DOUGLAS FIR-LARCH #2, OR APPROVED EQUAL:

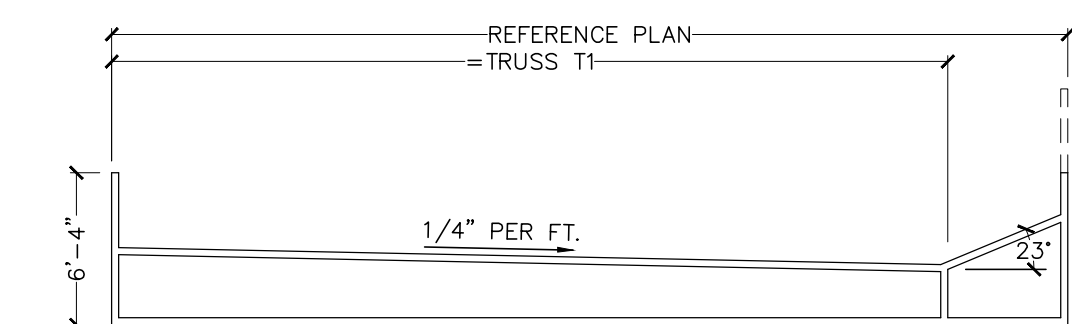
USE	F _b	E _c	F _v	E	
2x4	1,500	825	90	565	1,600,000
2x6	1,250	725	90	565	1,600,000
2x8	1,200	650	90	565	1,500,000
2x10	1,050	600	90	565	1,600,000
2x12	975	550	90	565	1,450,000
 - ROOF/WALL-ORIENTED STRAND BOARD: STRUCTURAL 1, EXPOSURE 1, EXTERIOR GUE, FOR ROOF AND WALL PANELS IDENTIFICATION INDEX 241/4-5/8 INCH OR 2410-1/2 INCH (WITH PLYWOOD CLIPS AT ROOF).
 - ROOF/WALL PLYWOOD: C-CRUGGED, STRUCTURAL 1, EXPOSURE 1, INTERIOR GUE, FOR ROOF AND WALL PANEL IDENTIFICATION INDEX 241/4-5/8 INCH OR 2410-1/2 INCH (WITH PLYWOOD CLIPS AT ROOF).
 - SILL PLATES: NO. 2 SPRUCE-PINE-FIR, OR EQUAL FC=675 PSI, FV=70 PSI, E=1,200,000 PSI.
 - SPECIFICATIONS: UNLESS SPECIFICALLY SHOWN OTHERWISE, DESIGN, FABRICATION AND ERECTION SHALL BE GOVERNED BY THE LATEST REVISIONS OF:
 - NATIONAL DESIGN SPECIFICATION FOR STRESS-GRADE LUMBER AND ITS FASTENINGS.
 - U.S. PRODUCT STANDARD PS-1 FOR SOFTWOOD PLYWOOD - CONSTRUCTION AND INDUSTRIAL.
 - CONNECTIONS:
 - JOISTS TO BEAMS - 1/4 GA. GALVANIZED STD. JOIST HANGERS, UNLESS SHOWN OTHERWISE.
 - PLYWOOD TO ROOF TRUSSES OR RAFTERS - NAILED - USE 9d RING SHANK NAILS AT 4 INCHES O.C. AT PANEL EDGES AND 12 INCH C/O.C. AT INTERMEDIATE SUPPORTS. PROVIDE PLYWOOD CLIPS AT MID-SPAN OF PLYWOOD BETWEEN SUPPORTS.
 - ALL STRUCTURAL WOOD TO BE SURFACED FOUR (4) SIDES (S-4-S) AND MAXIMUM MOISTURE CONTENT OF 19 PERCENT.
 - ALL LUMBER AND PLYWOOD IN CONTACT WITH CONCRETE, STUCCO, MASONRY OR OTHER CEMENTITIOUS MATERIALS SHALL BE TREATED WITH AN E.P.A. ACCEPTABLE WOOD PRESERVATIVE (SUCH AS "ACQ" - ALKALINE COPPER QUATERNARY OR "CBA" - COPPER AZOLE T & B).
 - ALL WOOD CONNECTORS SHALL BE GALVANIZED STEEL OR RUST-PROOF PAINTED STEEL (E.P.O.). ALL GALVANIZED METAL CONNECTORS IN CONTACT WITH TREATED WOOD (E.P.O.) SHALL BE TYPICALLY C-185 GALVANIZED. ANY FIELD WELDS (INTERIOR OR EXTERIOR) OF SUCH CONNECTORS SHALL BE WIRE BRUSH CLEANED AND RUST PROOF PAINTED.
 - MISCELLANEOUS:
 - USE ONE LINE OF SOLID BLOCKING OR CROSS BRIDGING AT 8'-0" O.C. MAX. FOR ALL JOISTS AND RAFTERS. USE SOLID BLOCKING AT JOIST AND RAFTER BEARING.
 - USE SOLID BLOCKING AT MID-HEIGHT FOR ALL EXTERIOR STUD WALLS AND INTERIOR BEARING PARTITIONS.
 - USE DOUBLE STUDS UNDER BEAM AND LINTEL BEARING, UNLESS SHOWN OTHERWISE.

- I. PREFABRICATED WOOD TRUSSES**
- MATERIALS:
 - LUMBER: SEE "STRUCTURAL LUMBER" SECTION FOR WOOD INFORMATION.
 - METAL CONNECTOR PLATES: GALVANIZED STEEL, ASTM A444 (LATEST EDITION) GRADE "A", COATING CLASS G40 PER ASTM A525 (LATEST EDITION), MANUFACTURED WITH HOLES, PLUGS, TIE-BOLTS OR PRONGS UNIFORM SPACING AND FORMED.
 - SEE "STRUCTURAL LUMBER" SECTION FOR GALVANIZED CONNECTIONS FOR TREATED WOOD.
 - DESIGN CRITERIA:
 - LOADING:
 - TOP CHORD LIVE LOAD: 20 PSF
 - TOP CHORD DEAD LOAD: 20 PSF + MECH. EQUIP.
 - BOTTOM CHORD DEAD LOAD: 10 PSF
 - NET WIND UPLIFT: 10 PSF
 - DESIGN OF MEMBERS AND CONNECTIONS IS TO BE BY A PROFESSIONAL ENGINEER, REGISTERED IN THE STATE OF THIS PROJECT, EXPERIENCED IN SIMILAR DESIGN, RETAINED BY THE TRUSS MANUFACTURER.
 - SHOP DRAWINGS SHALL BE SIGNED AND SEALED BY THE ENGINEER RESPONSIBLE FOR THE TRUSS DESIGN. IN ADDITION, SIGNED AND SEALED DESIGN CALCULATIONS FOR THESE TRUSSES SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW.
 - MEMBER SIZES SHOWN ARE MINIMUM SIZES.
 - MAXIMUM LIVE LOAD DEFLECTION IS TO BE 1/360.
 - MAXIMUM TOTAL LOAD DEFLECTION IS TO BE L/240.
 - MISCELLANEOUS:
 - BOLE TOP CHORDS OF ALL MULTIPLE MEMBER TRUSSES TOGETHER WITH 1/2" DIA BOLTS AT 4'-0" O.C. BOLE WEB MEMBERS TOGETHER WITH 1/2" DIA BOLTS AT 2'-0" O.C. AT CONCENTRATED LOADS, UNLESS OTHERWISE SPECIFIED BY THE TRUSS DESIGN ENGINEER.
 - VERIFY ALL DIMENSIONS, ELEVATIONS AND SLOPES PRIOR TO MANUFACTURING. REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ARCHITECT.
 - WOOD TRUSSES SHALL BE DESIGNED AND FABRICATED TO CONFORM TO THE GEOMETRY SHOWN ON THE DRAWINGS. WEB CONFIGURATIONS ARE TO BE DETAILED AS REQUIRED BY THE DESIGNER/FABRICATOR.
 - PROVIDE 2x4 BOTTOM CHORD BRIDGING AT A MAXIMUM SPACING OF 10'-0" O.C.

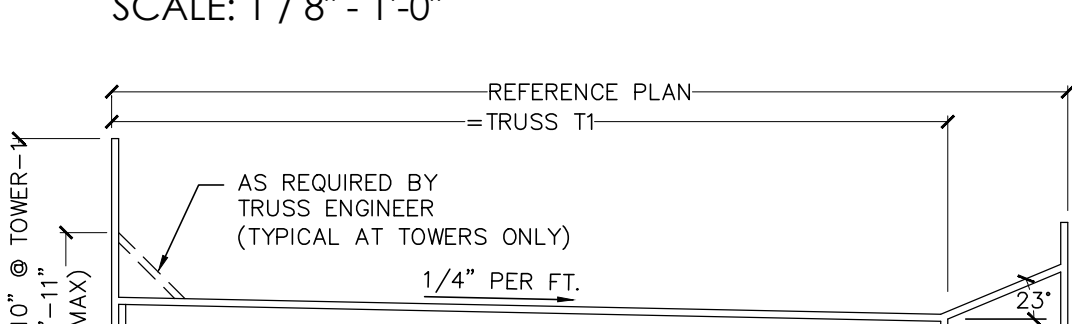
- J. ABBREVIATIONS:**
- | | |
|-----------------------------------|---------------------------------|
| T = TOP | 1.O.W. = TOP OF WALL ELEVATIONS |
| B = BOTTOM | S.O.G. = SLAB ON GRADE |
| C.M.U. = CONCRETE MASONRY UNIT | W.W.F. = WELDED WIRE FABRIC |
| E.F. = EACH FACE | U.N.O. = UNLESS NOTED OTHERWISE |
| E.W. = EACH WAY | TIP = TYPICAL |
| E.F. = EACH END | T.B. = TRUSS BEARING ELEVATION |
| O.C. = ON CENTER | J.B. = JOIST BEARING ELEVATION |
| T.O.S. = TOP OF FOOTING ELEVATION | LL.V. = LONG-LEG VERTICAL |
| T.O.S. = TOP OF SLAB ELEVATION | LL.H. = LONG-LEG HORIZONTAL |



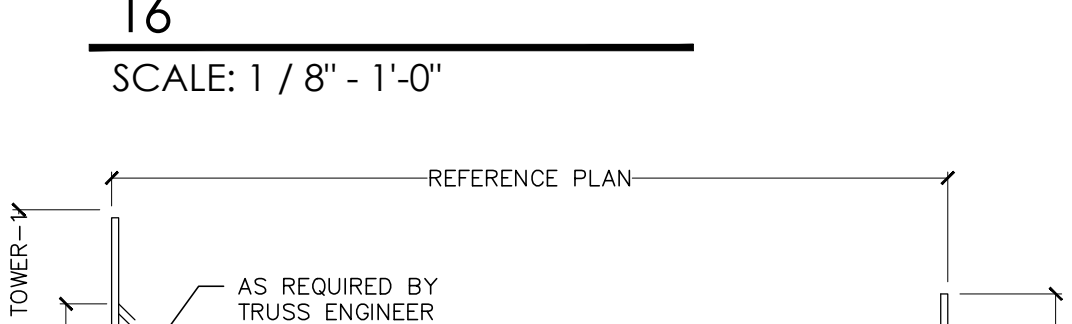
T1 / GT1
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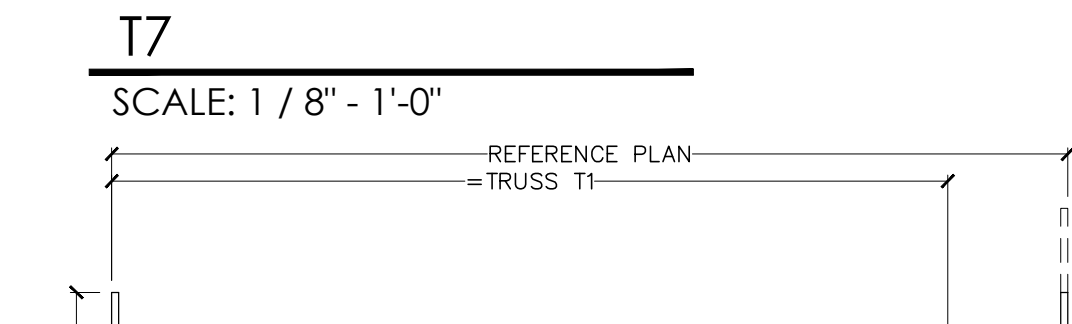
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T6
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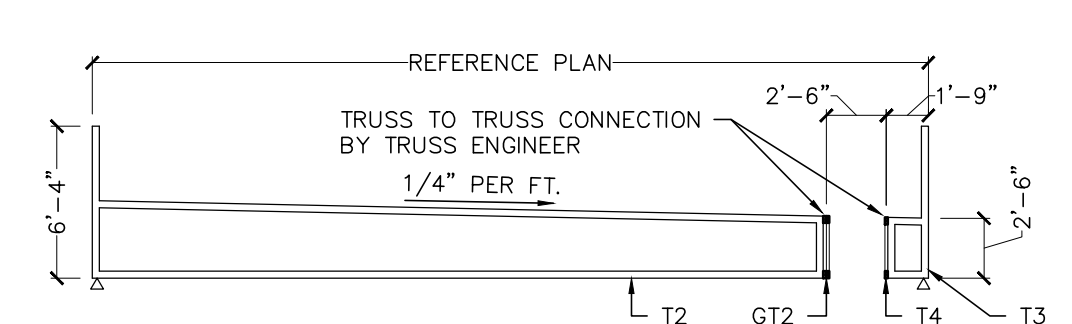
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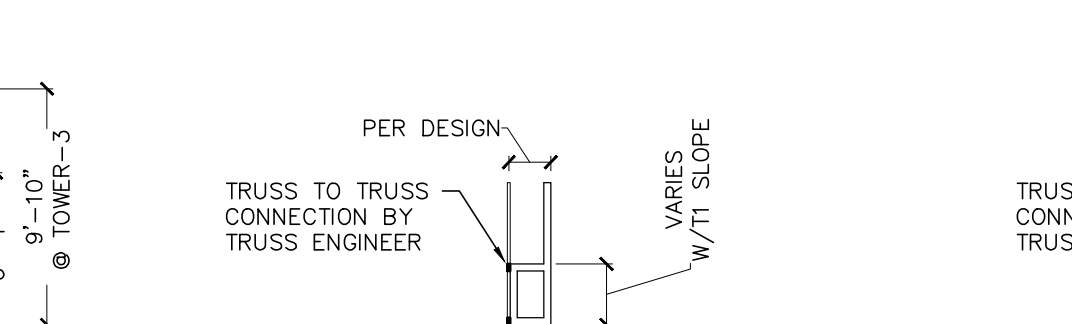
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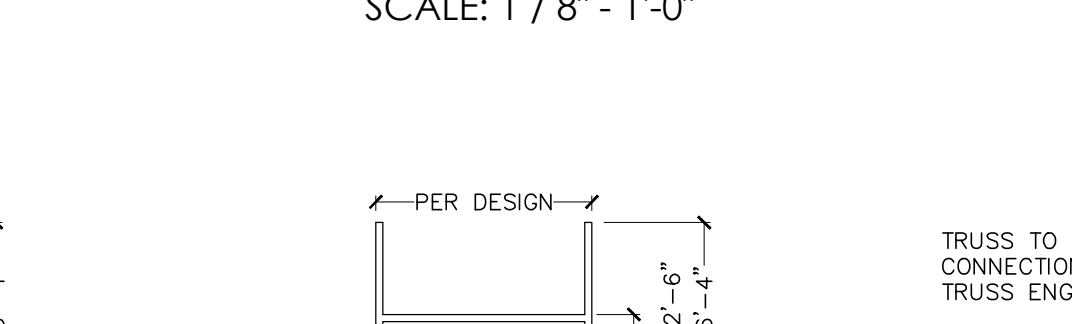
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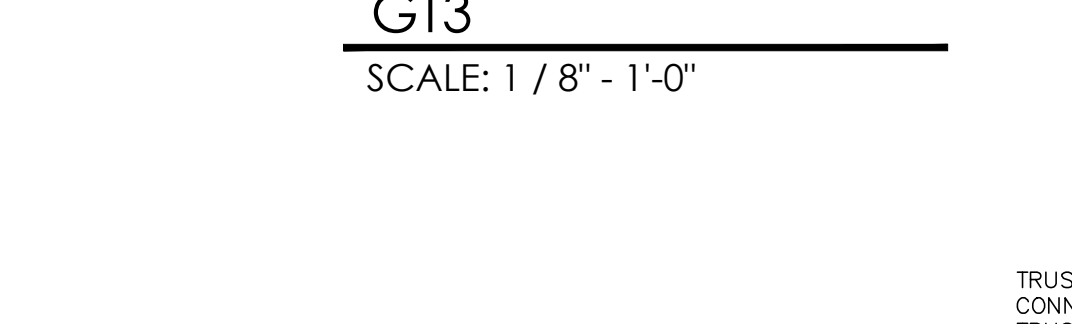
T2 / T3
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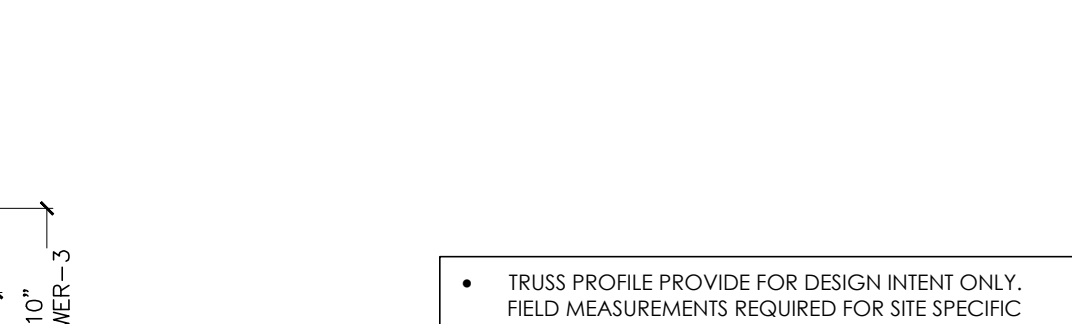
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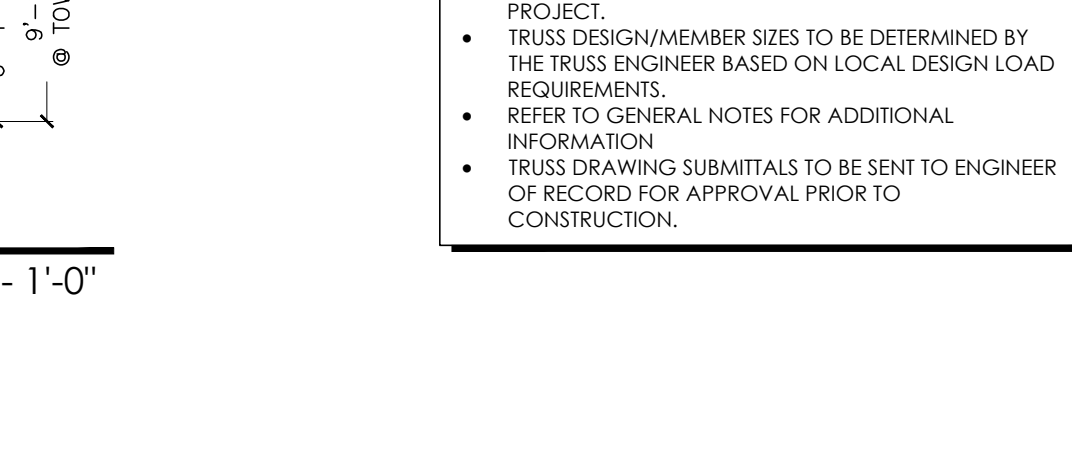
GT3
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T9
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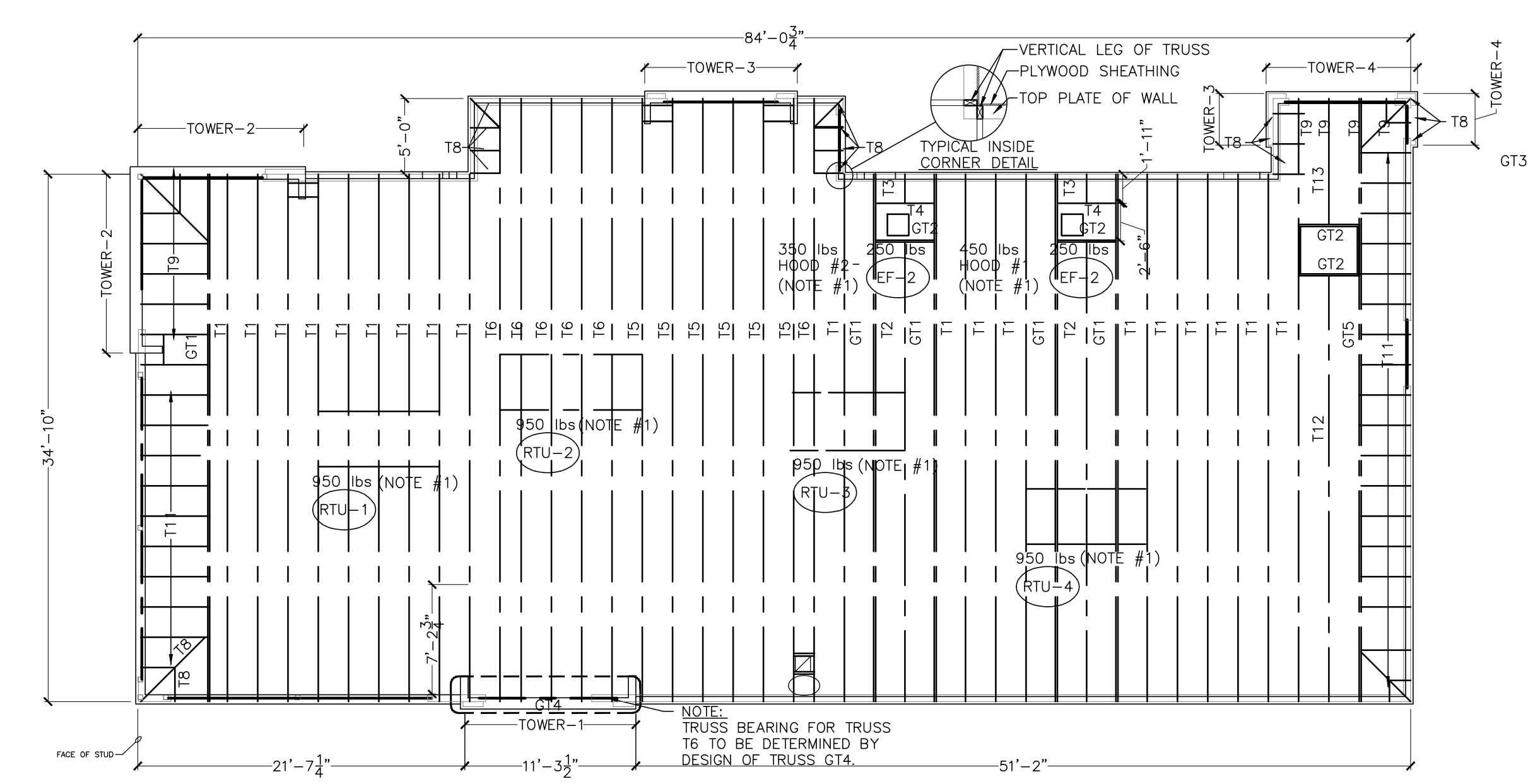
T10
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T11
SCALE: 1 / 8" - 1'-0"

• TRUSS PROFILE PROVIDE FOR DESIGN INTENT ONLY. FIELD MEASUREMENTS REQUIRED FOR SITE SPECIFIC PROJECT.
 • TRUSS DESIGN/MEMBER SIZES TO BE DETERMINED BY THE TRUSS ENGINEER BASED ON LOCAL DESIGN LOAD REQUIREMENTS.
 • REFER TO GENERAL NOTES FOR ADDITIONAL INFORMATION.
 • TRUSS DRAWING SUBMITTALS TO BE SENT TO ENGINEER OF RECORD FOR APPROVAL PRIOR TO CONSTRUCTION.

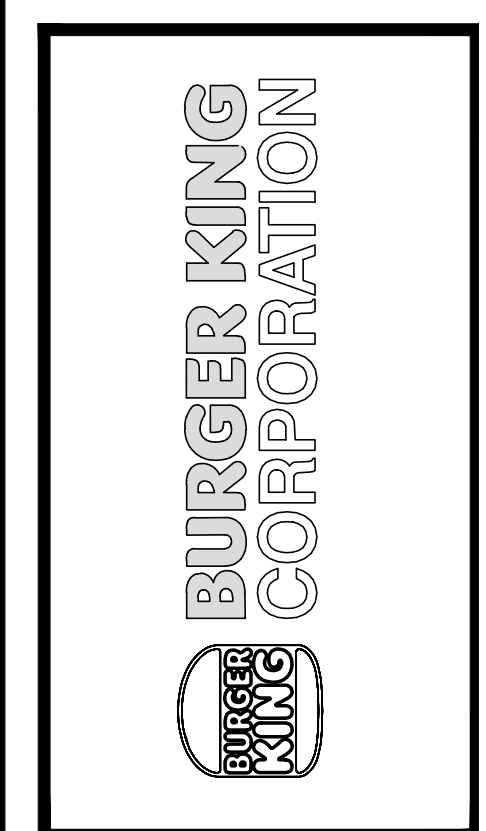
TRUSS PROFILES
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TRUSS LAYOUT
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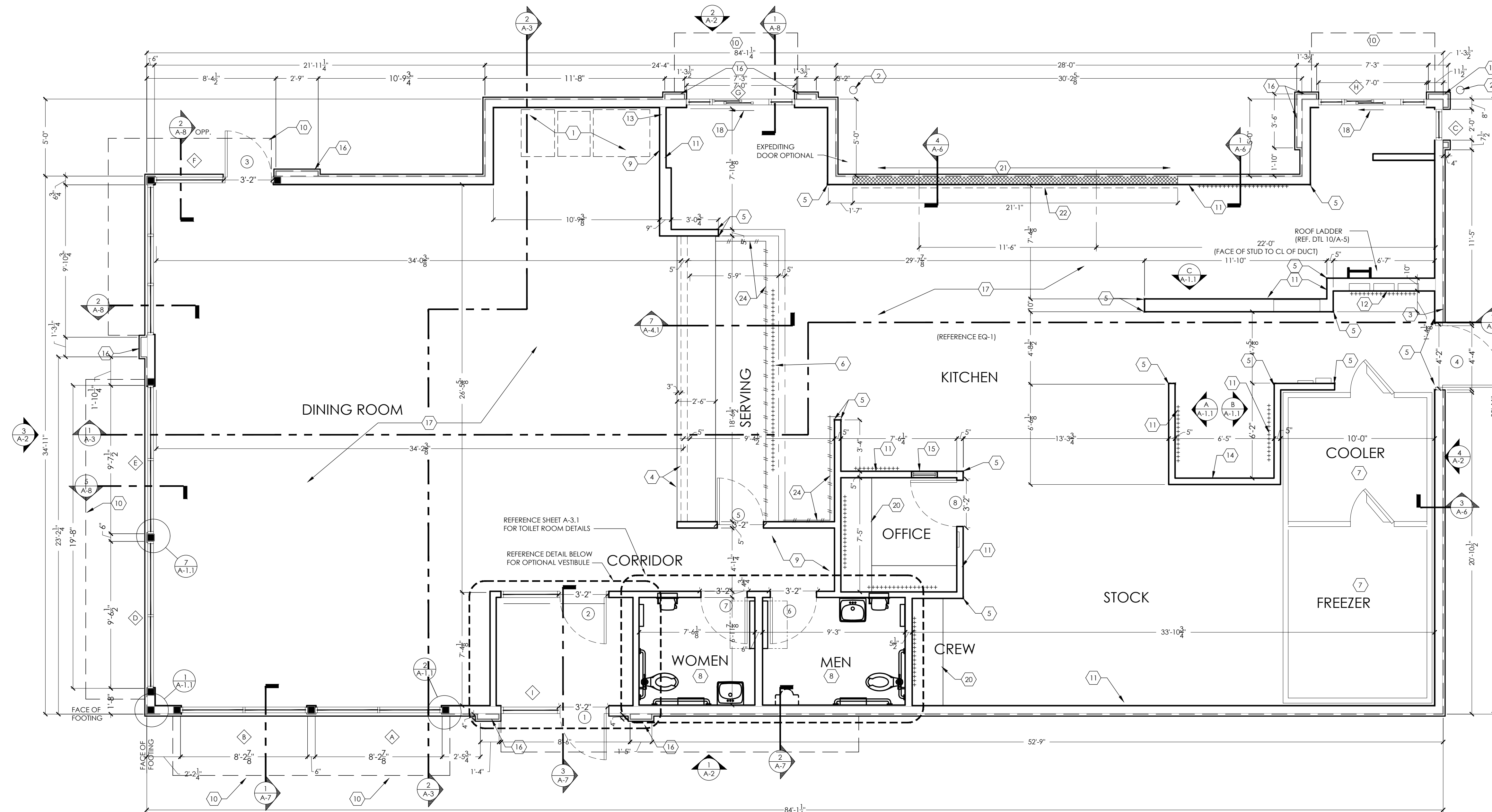
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Date: --:--21



PROJECT	BURGER KING 1440 HARTMAN ST. ELMHART, IN 46514
SHEET TITLE	STRUCTURAL NOTES AND DETAILS

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JOB #	TG-21668
SHEET	S-3



1 FLOOR PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

- A. ALL DIMENSIONS ARE TO FACE OF STUDS
- 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. FOR DOOR AND WINDOW TYPES, REFER TO SHEET A-10.

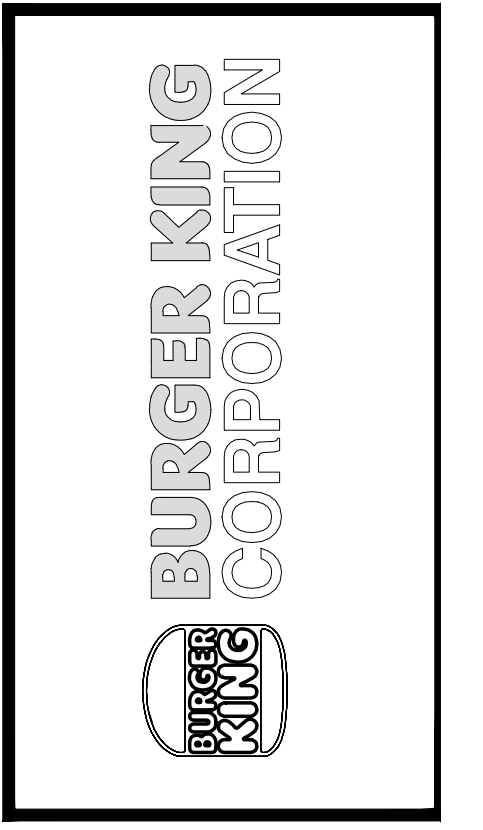
KEYED NOTES:


- 1. SELF-SERVE DRINKS AND CONDIMENT STAND. REFER TO KITCHEN DRAWINGS.
- 2. STEEL BOLLARD - REFER TO SHEET S-1.
- 3. 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" A.F.F.
- 5. CORNER GUARDS - REFER TO DETAIL #4, SHEET A-1.1.
- 6. MENU BOARD BULKHEAD ABOVE. REFER TO SHEET A-4.1
- 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).
- 9. ALL WALLS AT EXPOSED TRUSSES TO BE FRAMED AND FINISHED TO THE ROOF DECK.
- 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 CEILING.
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 (2-122KD) OR EQUAL
- 12. ELECTRICAL PANELS
OPTION #1:
RECESS ELECTRICAL CONTACTOR PANEL AND PANELS "A", "B" AND "M" IN FURRED OUT WALL ADJACENT TO EXTERIOR FRAMING. G.C. TO VERIFY PANEL SIZES PRIOR TO FURR-OUT TO INSURE ADEQUATE SPACE.
- 13. PROVIDE 10"x10" FINISHED OPENING THROUGH WALL CENTERED AT 13" A.F.F. FOR ROUTING OF UTILITIES.
- 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, 18" FINISH WIDTH MINIMUM (I.U.O.). REFER TO WALL SECTIONS. PROVIDE 12" DEEP CONCRETE CURB (REF. FOUNDATION PLAN) AND FRAMING AS REQUIRED FOR FINISH DIMENSION REQUIREMENTS.
- 17. TILE FLOOR.
- 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. USG 5/8" DUROCK (BOTH SIDES) ON 3-5/8" 18 GAUGE CEE STUD FRAMING AT 16" O.C. BEHIND HOOD. WALL TO EXTEND 18" BEYOND EACH END OF HOOD.
- 22. STAINLESS STEEL PANELS BELOW AND 18" WIDE AT EACH SIDE OF HOOD SUPPLIED BY HOOD MANUFACTURER AND INSTALLED BY G.C.
- 23. 4" CONCRETE WALK BETWEEN DRIVE-THROUGH BUMP-OUTS. CONCRETE WALK IS NOT REQUIRED IF EXPEDITING DOORS ARE NOT USED.
- 24. +---+ INDICATES 3"x12" SUBWAY TILE. REFER TO DECOR. REMAINING BACK OF HOUSE WALLS TO BE FINISHED IN FIBERGLASS REINFORCED PANELS. FRP-1G

B.O.H FINISH SCHEDULE					
CODE	MATERIAL	LOCATION	SOURCE	PRODUCT	DIMENSIONS
CT-10G	TILE	BACK OF HOUSE	GRANITE FIANDRE/ EUROWEST	TCG0606142	CAPITOL GRAY TX 6" x 6"
FRP-1G	FIBERGLASS REINFORCED PANEL	BACK OF HOUSE	MARLITE	FRP SYMMETRIX 204561B (4x8) 204551 (4x10) WHITE/BLK CORE NO TOP COAT (GRAY SCORE LINE)	A916 G312 6" x 6"
GR-6G	TILE	BACK OF HOUSE	LATICRETE	SPECTRALOCK 2000 IG	#45 RAVEN
			CUSTOM BUILDING PRODUCTS	CEG-IG INDUSTRIAL GRADE 100% SOLIDS EPOXY GROUT	#370 DOVE GRAY

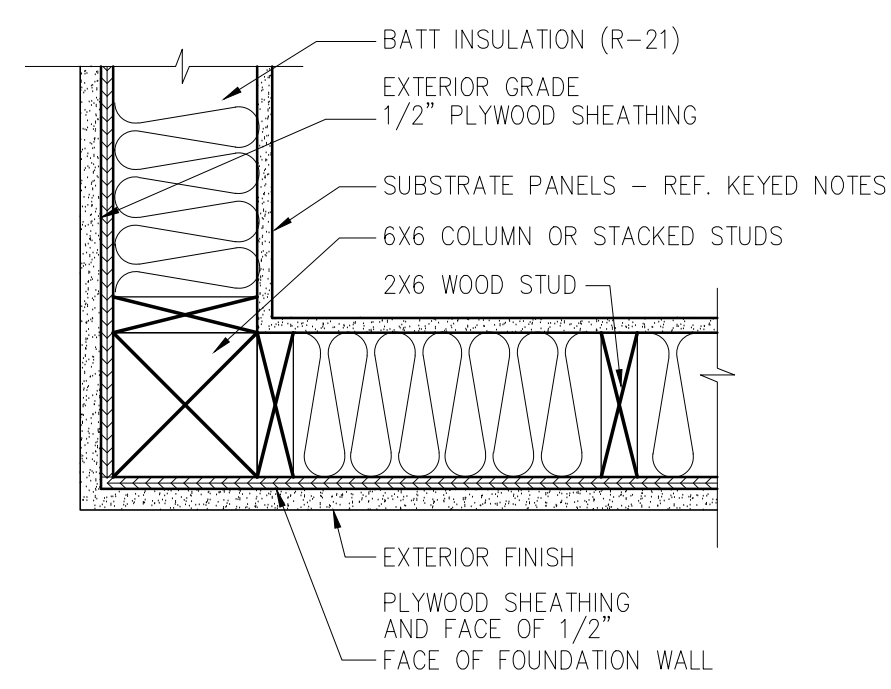
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Drawn By: CP			
Checked: SB			
Scale: AS NOTED			
Date: ---21			



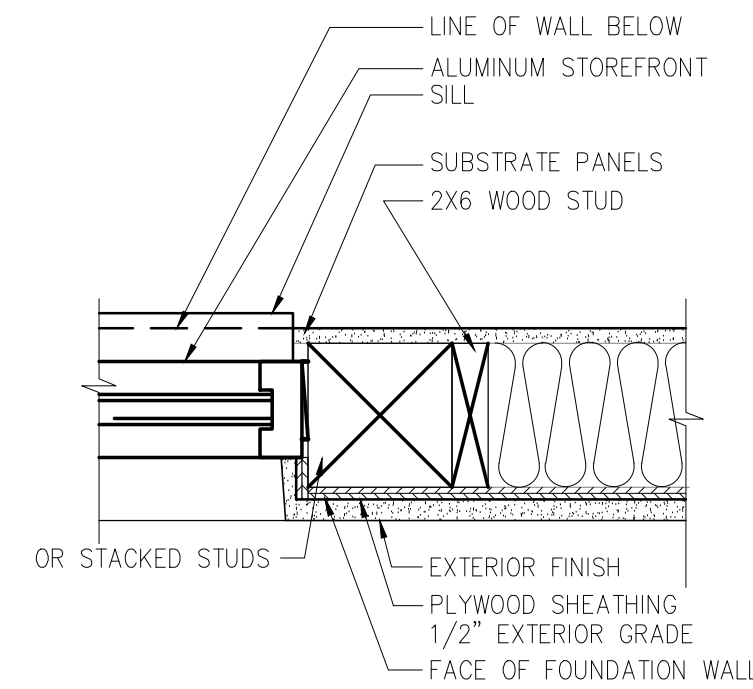

TECHNICAL GROUP, INC.
 9740 N. 40TH AVENUE, SUITE 100
 DENVER, CO 80231
 P: (248) 426-8000 F: (248) 426-7004



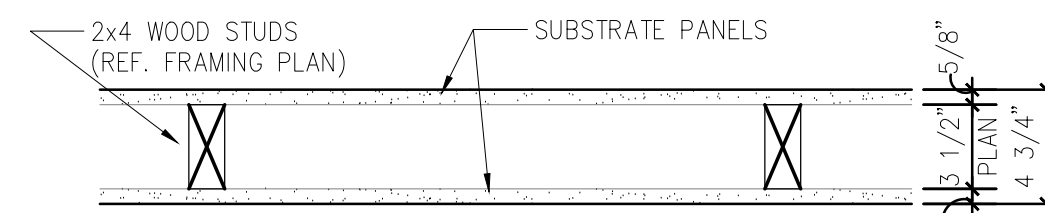
PROJECT	BURGER KING 1440 NAPPANEE ST. ELKHART, IN 46514
SHEET TITLE	FLOOR PLAN
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.	
JOB #	CG-21668
SHEET	A-1



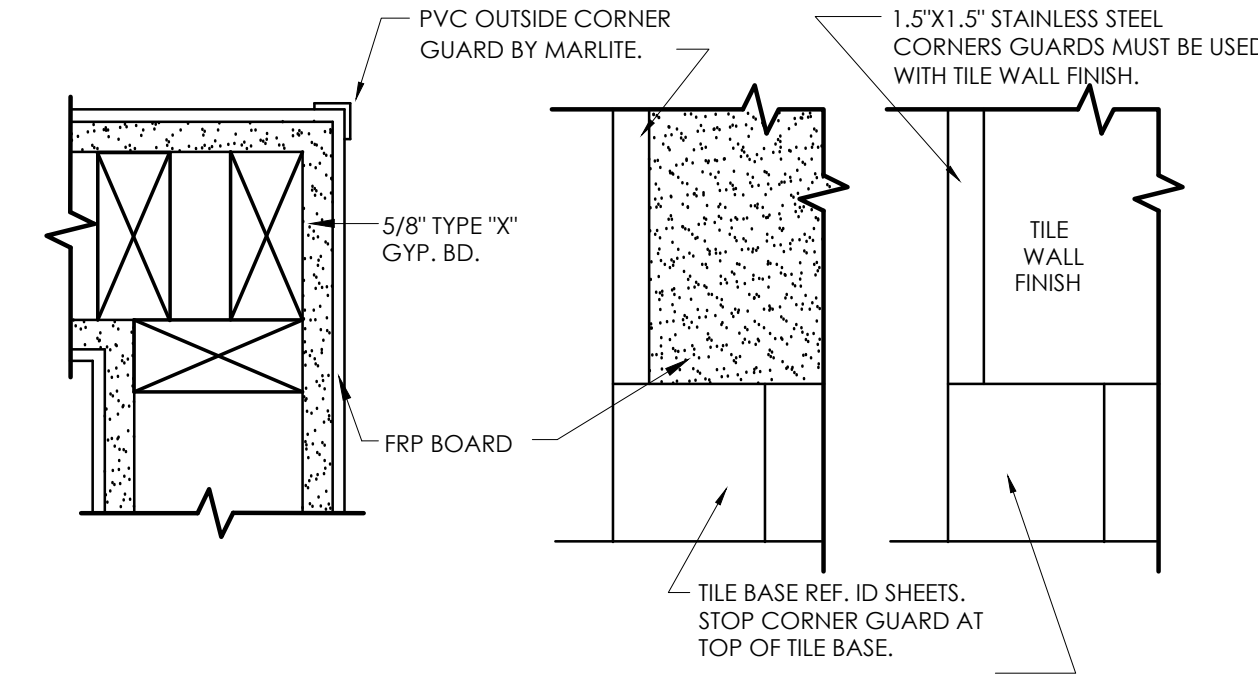
1 PLAN DETAIL
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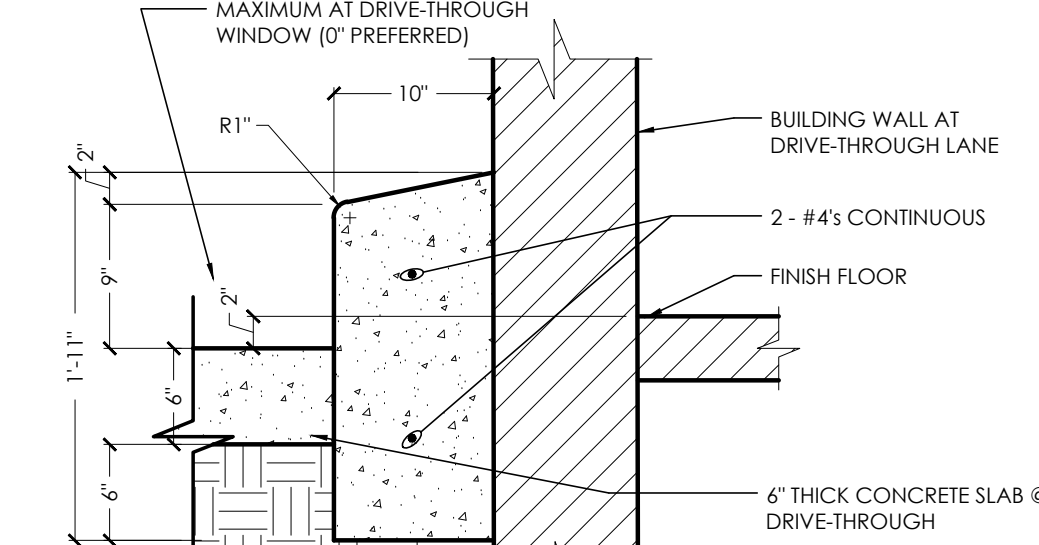
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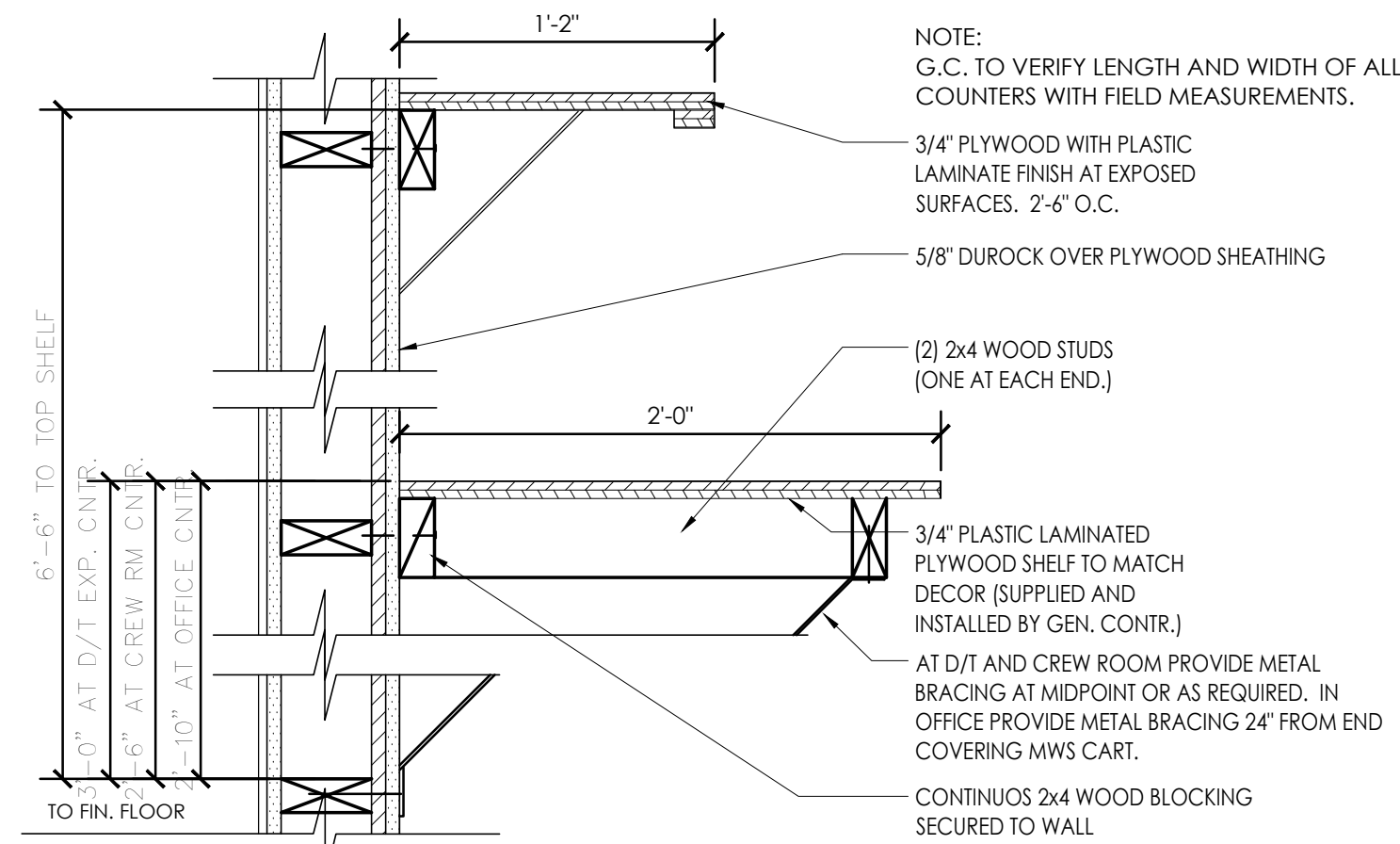
3 TYPICAL INTERIOR PARTITION
SCALE: 1-1/2" = 1'-0"



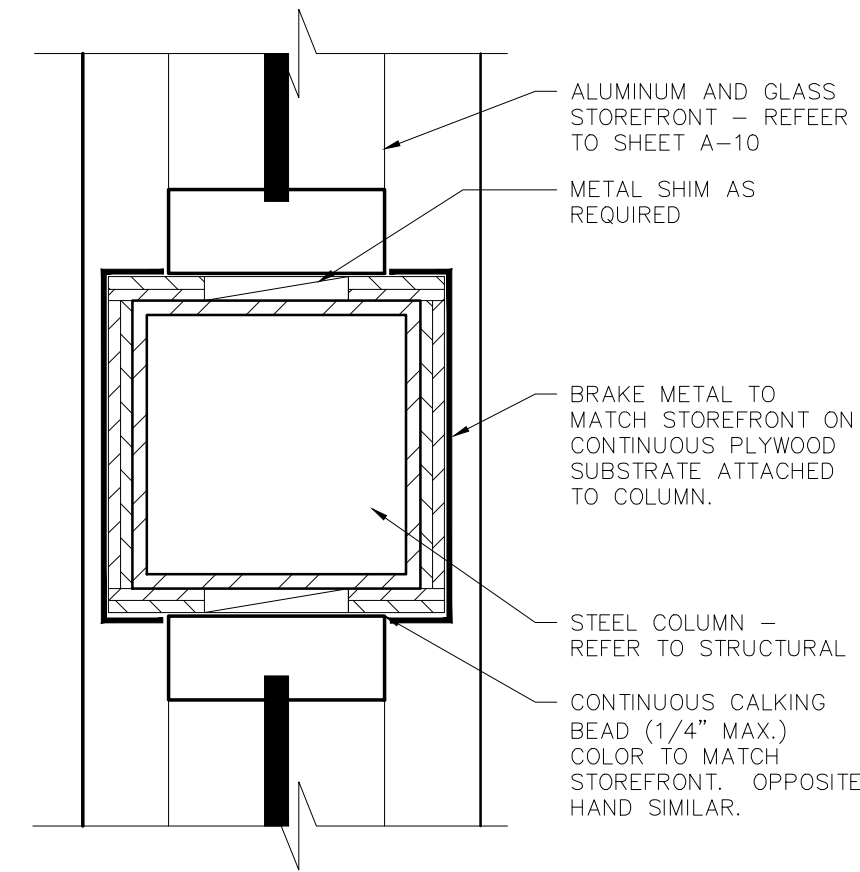
4 CORNER GUARD DETAIL
SCALE: 1-1/2" = 1'-0"



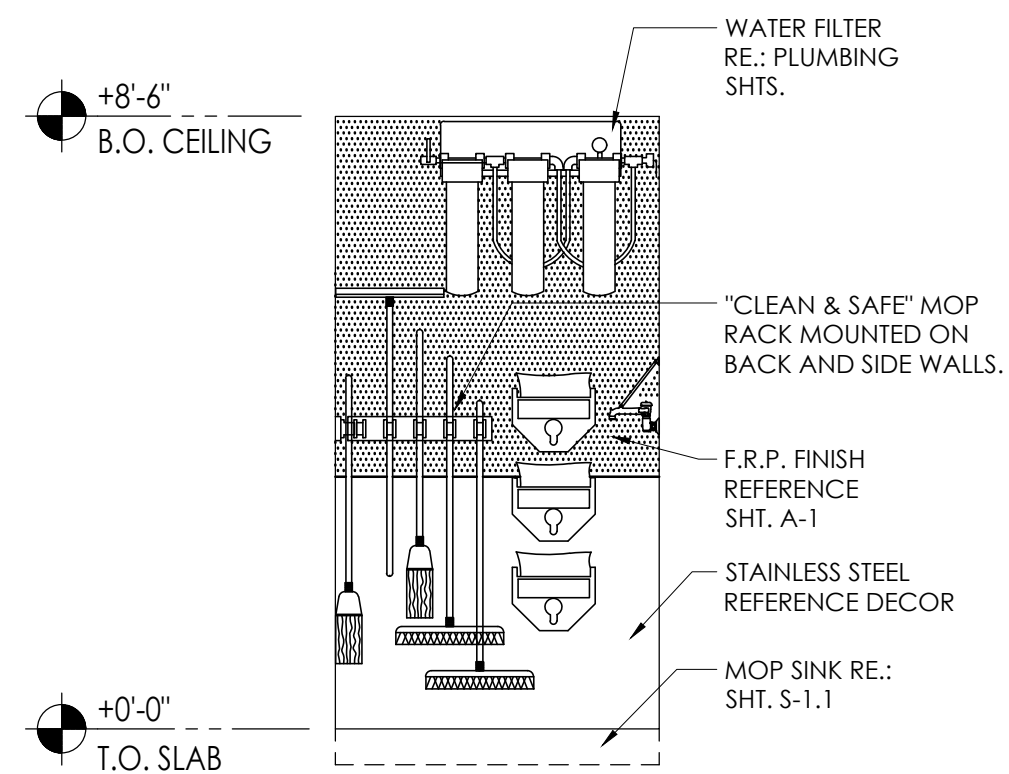
5 BARRIER CURB DETAIL
SCALE: 1" = 1'-0"



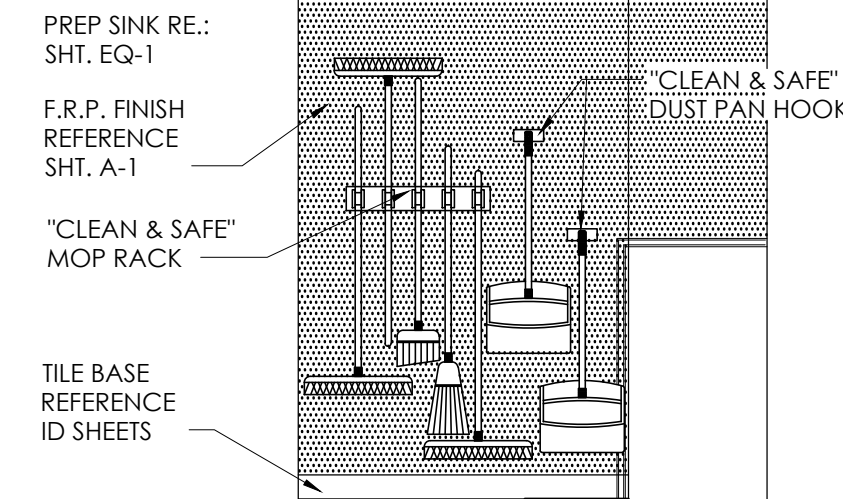
6 OFFICE COUNTER DETAIL
SCALE: 1-1/2" = 1'-0"



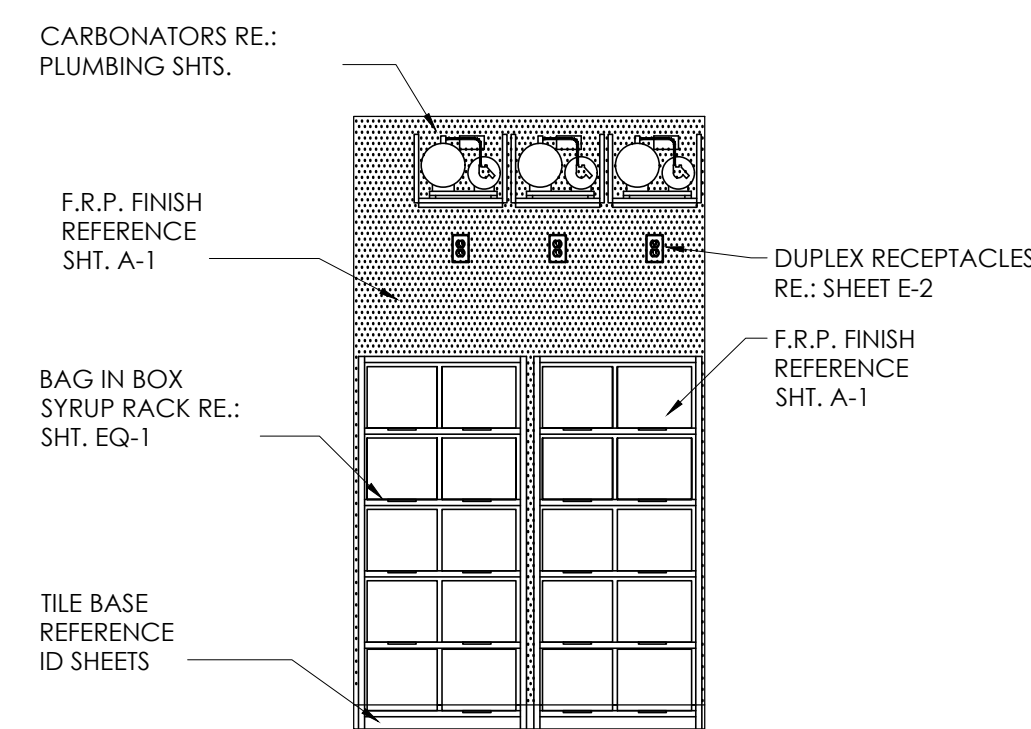
7 COLUMN BRAKE METAL ENCLOSURE
SCALE: 3" = 1'-0"



A ELEVATION
SCALE: 3/8" = 1'-0"

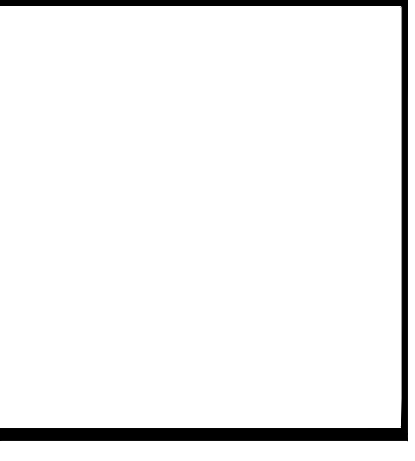
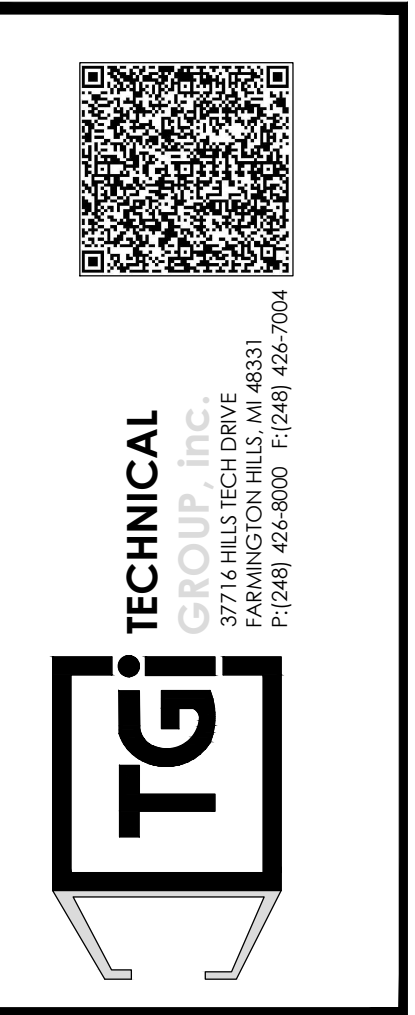
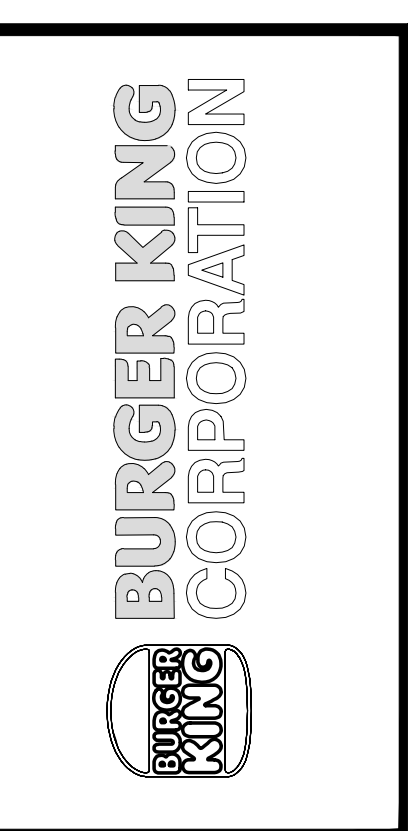


B ELEVATION
SCALE: 3/8" = 1'-0"



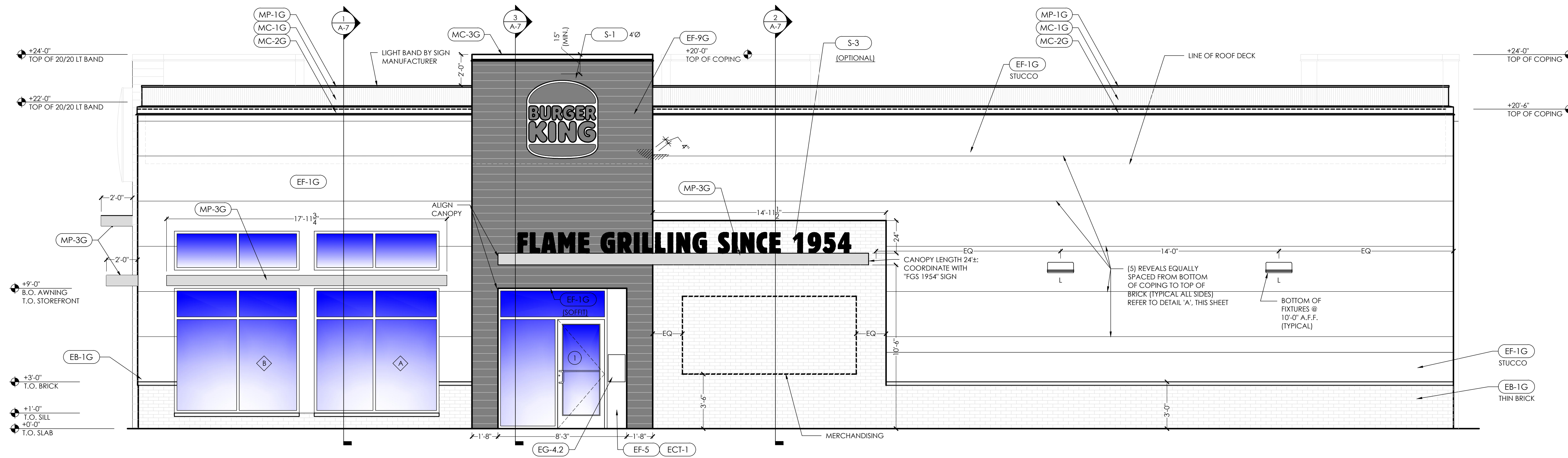
C ELEVATION
SCALE: 3/8" = 1'-0"

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Date	
No.	1
Drawn By	CP
Checked	SB
Scale	AS NOTED
Date	---21

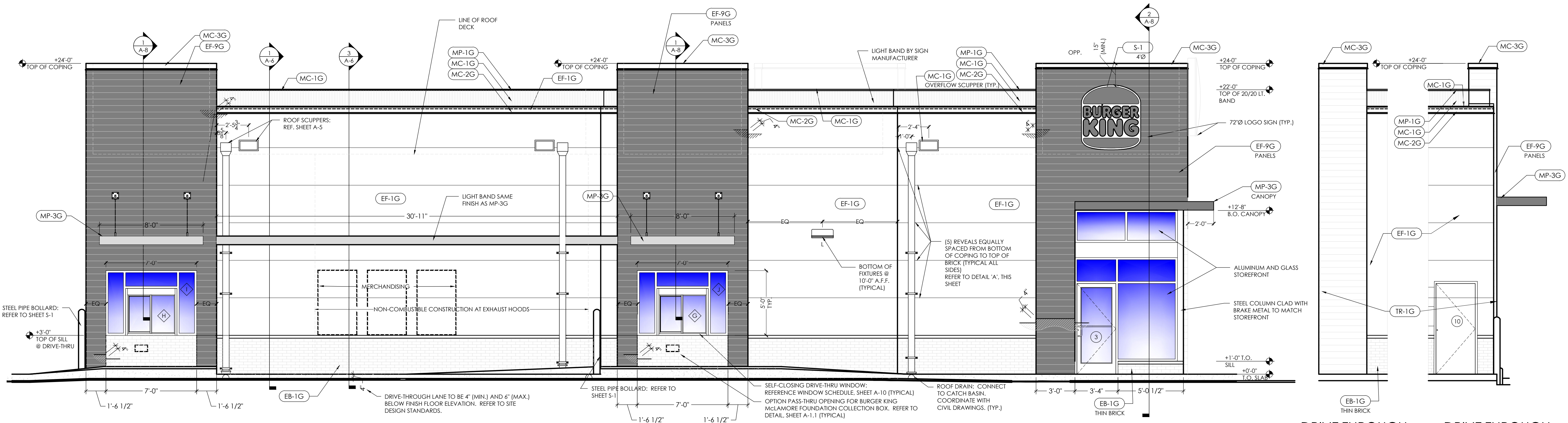


PROJECT	BURGER KING 1440 HOFFMANEE ST. ELMHART, IN 46514	SHEET TITLE	MISCELLANEOUS DETAILS
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.			
JOB #	TG-21668		
SHEET	A1.1		

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1 MAIN ENTRANCE ELEVATION
SCALE: 1/4" = 1'-0"

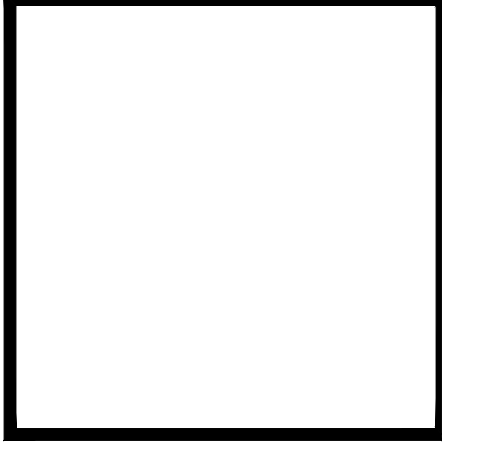
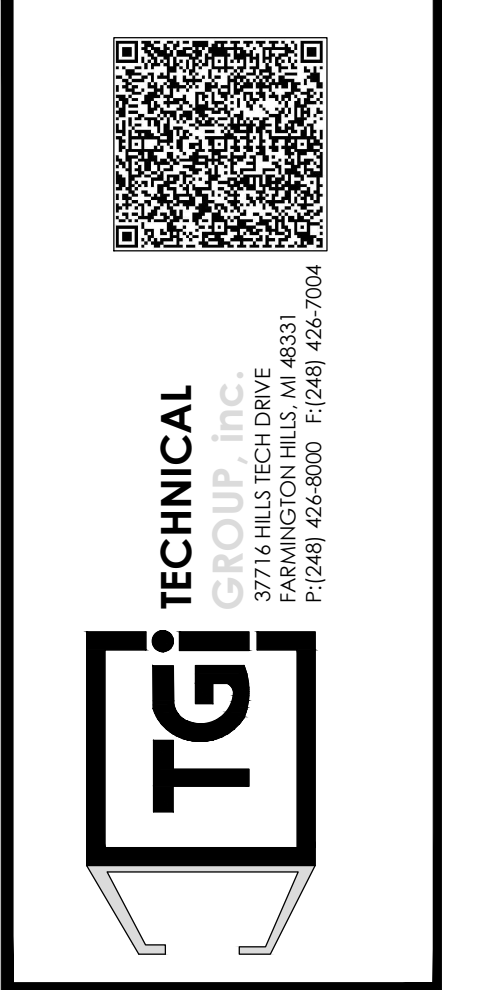
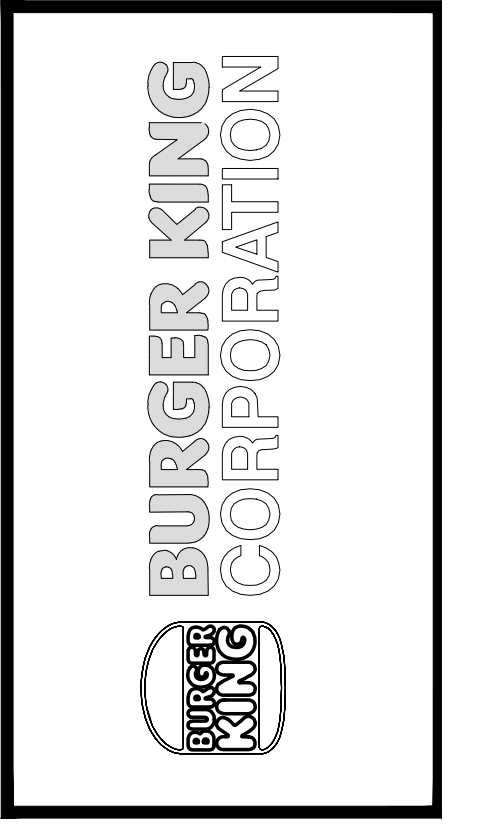


2 DRIVE THROUGH ELEVATION
SCALE: 1/4" = 1'-0"

5 DRIVE THROUGH SIDE ELEVATION
SCALE: 1/4" = 1'-0"

6 DRIVE THROUGH SIDE ELEVATION
SCALE: 1/4" = 1'-0"

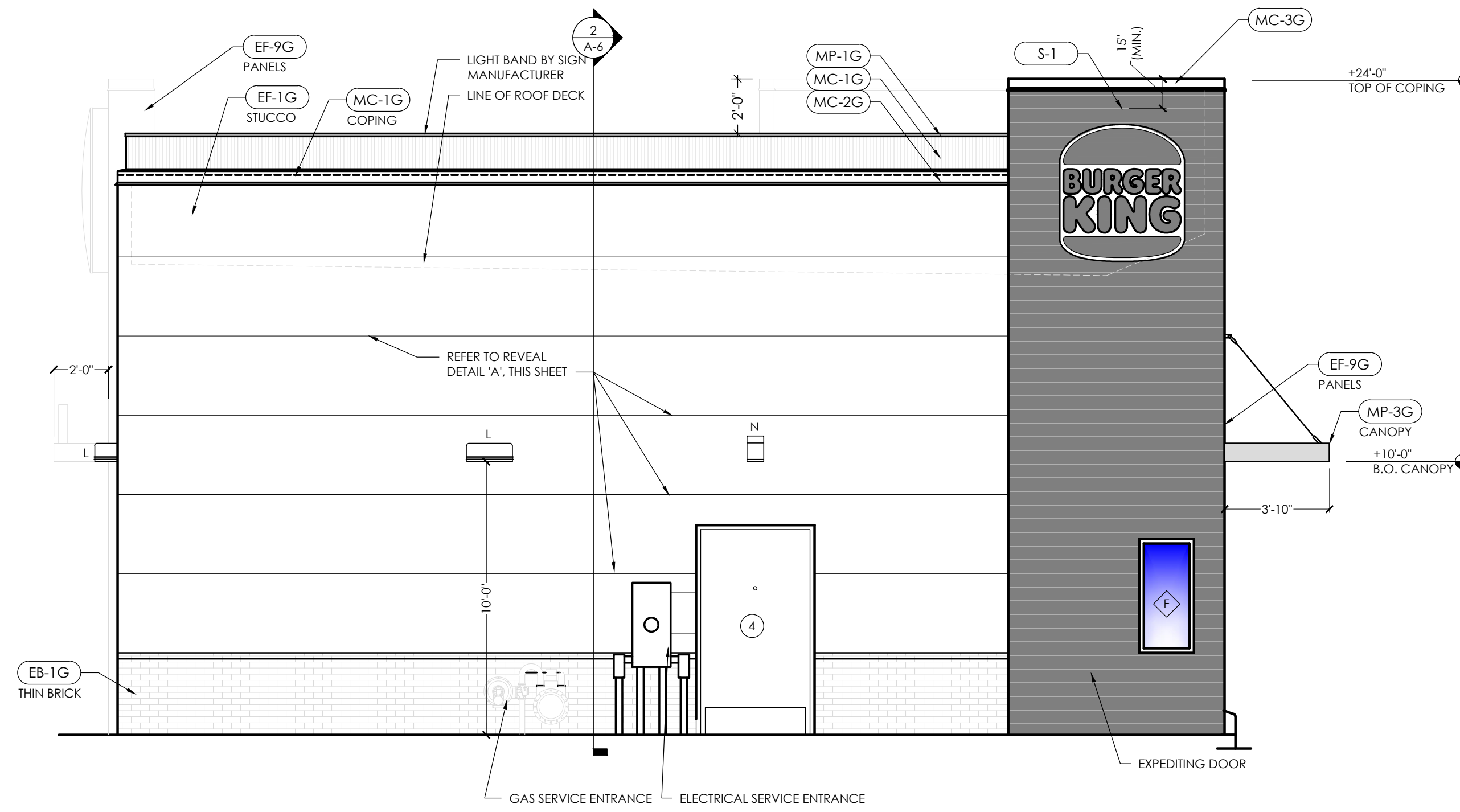
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Date:	---21				



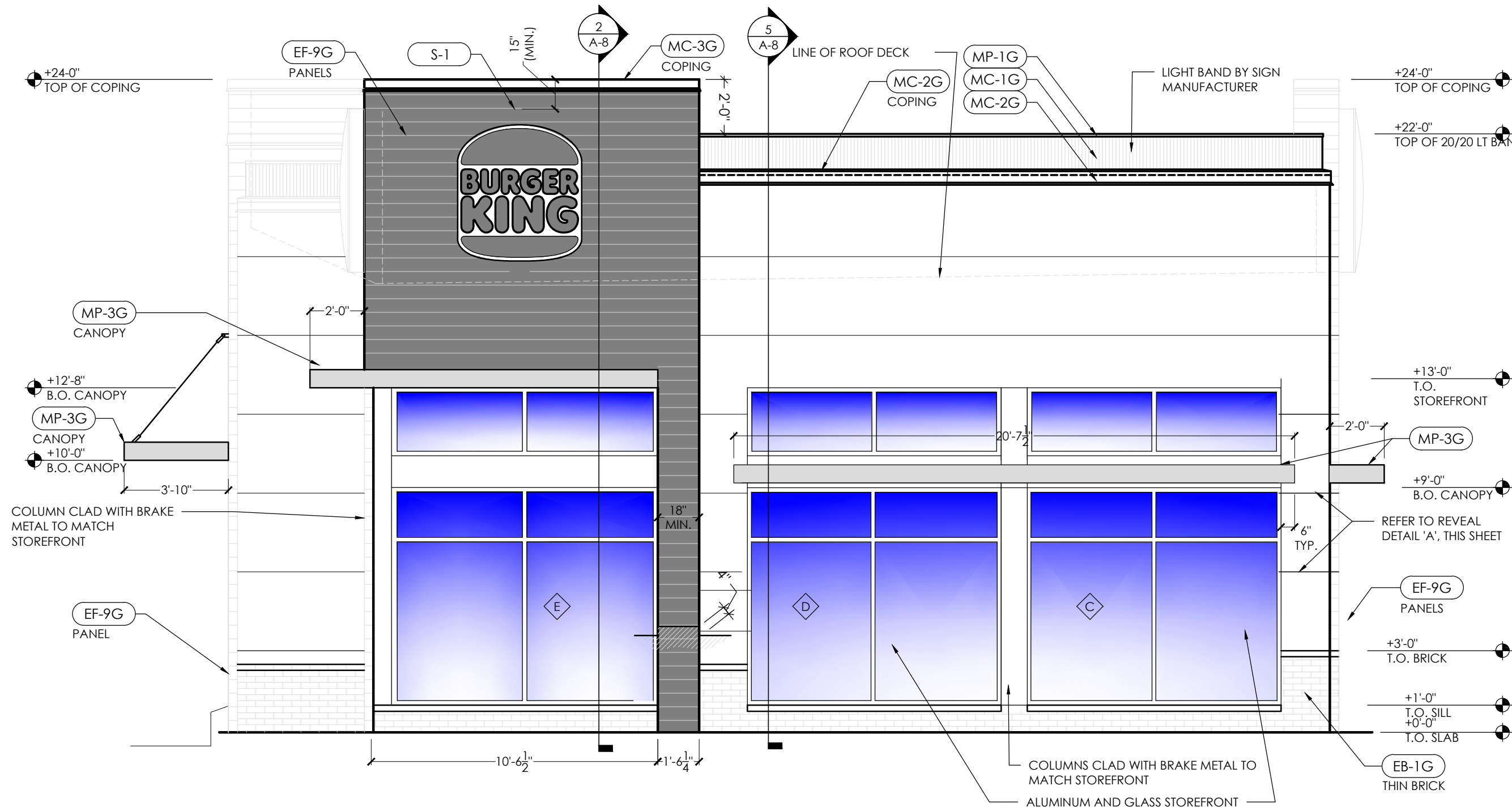
PROJECT	BURGER KING 1440 WAPPANEE ST. ELMHART, IN 46514
SHEET TITLE	EXTERIOR ELEVATIONS
JOB #	TG-21668
SHEET	A-2

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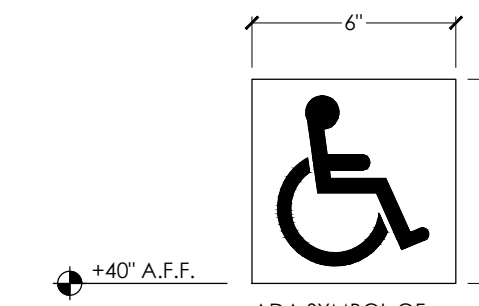
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4 REAR ELEVATION
SCALE: 1/4" = 1'-0"

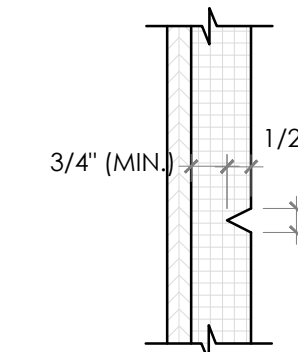


3 FRONT ELEVATION
SCALE: 1/4" = 1'-0"



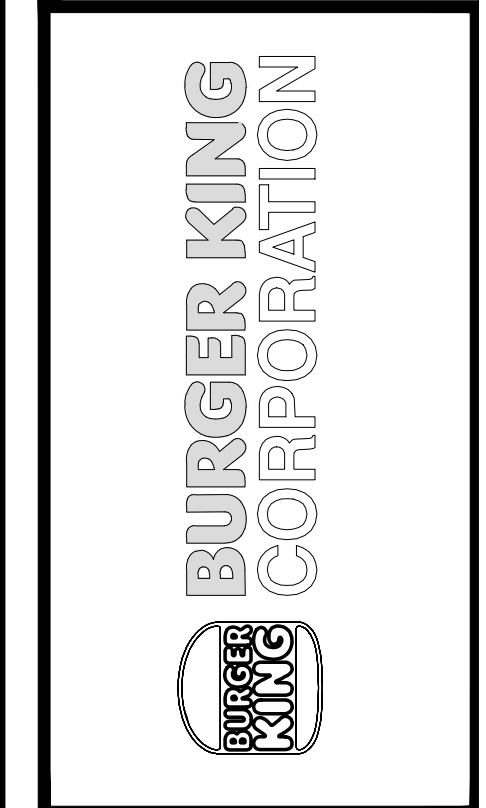
ADA SYMBOL OF ACCESSIBILITY (ISA) DECAL TO BE LOCATED ON STOREFRONT GLASS ADJACENT TO ALL ACCESSIBLE DOORS.

A WINDOW DECAL
SCALE: NONE

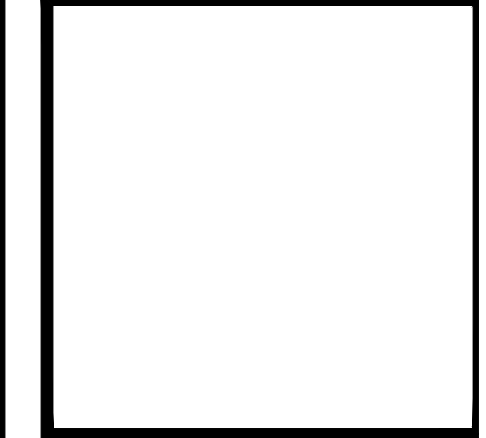


B EFIS HORIZ. REVEALS
SCALE: NO SCALE

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Notes	FOR SUBMITTAL TO CITY PLANNING				
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Date:	---	---	---	---	---



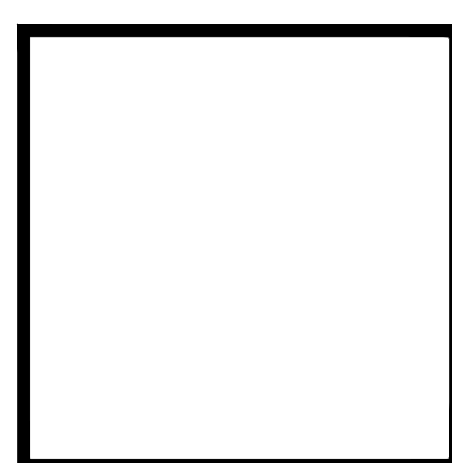
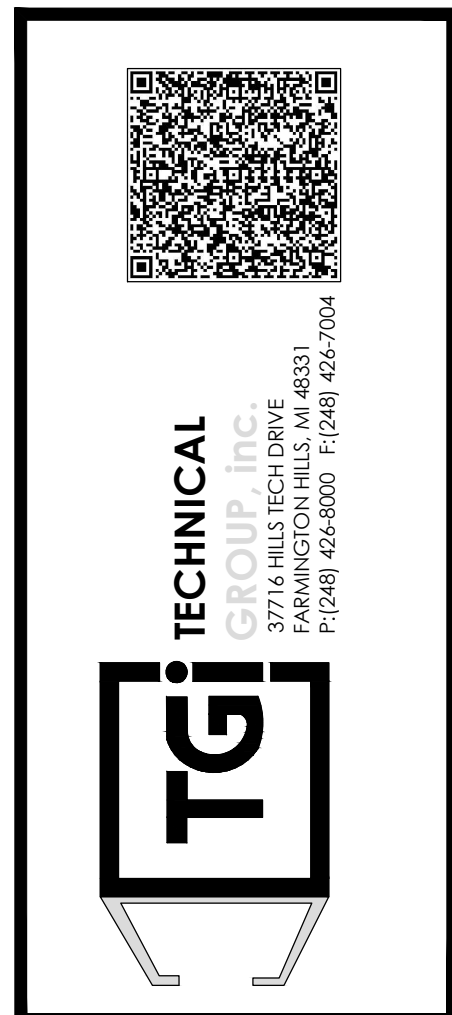
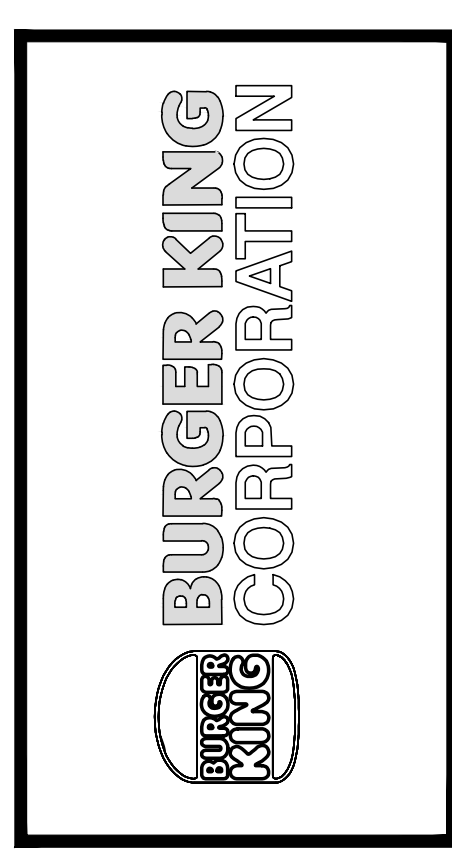

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 7700 WASHINGTON HILLS, MI 48331
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PROJECT	BURGER KING 1440 NAPPANEE ST. ELMHART, IN 46514	SHEET TITLE	EXTERIOR ELEVATIONS
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.			
JOB #	TG-21668		
SHEET	A-2.1		

BURGER KING - 20/20 GARDEN GRILL EXTERIOR							
EXTERIOR MATERIALS & FINISH SCHEDULE (not all specs are used on every project)							
02/05/21							
CODE	MATERIAL	LOCATION	MANUFACTURER	DESCRIPTION	DIMENSION	ADDITIONAL INFORMATION	
				PRODUCT	COLOR		
EB-1G	EXTERIOR BRICK	GENERAL	EVOLUTION BRICK	MOD / QS TUMBLER (FULL BRICK)	OLDE HILLSBORO	CONTACT: GABE POWERS (502) 558-4612 NOTE: USE WITH EGR-3G	
				(THIN BRICK)	SIERRA TUMBLER	CONTACT: THERESA BEANE (800) 334-8689 - tbeane@pinehallbrick.com NOTE: USE WITH EGR-3G	
				FACE BRICK	OLD IRVINGTON O/S	CONTACT: ERIN LYNCH (916) 206-7831 NOTE: USE WITH EGR-3G	
EB-1AG (ALTERNATE FOR EB-1G)	EXTERIOR FINISH FIBER CEMENT BRICK PANELS	GENERAL	NICHIHA FIBER CEMENT	NICHIHA CANYON BRICK PANELS	18" X 6"	"SHALE BROWN" - STAGGERED JOINTS - UNPAINTED IF NO OTHER BRICK IS PRESENT. (ON REMODELS, IF THERE IS ANY EXISTING BRICK ON THE BUILDING, THE EXISTING BRICK AND THE NICHIHA BRICK MUST BE PAINTED TO MATCH EP-4G) CONTACT: NICHIHA CUSTOMER SERVICE (770) 805-9466 BK@NICHIHA.COM INSTALL PER MANUFACTURER'S SPECIFICATIONS VERTICAL APPLICATIONS ONLY (NOT FOR USE ON SOFFITS)	
ECT-1G	EXTERIOR CERAMIC TILE	ACCENT AT BUILDING FRONT	GRANITI GIANDRE / EUROWEST	SENSIBLE STONE ED5052	12" X 24"	"RED NATURAL" STACKED BOND PATTERN CONTACT: JOY DETER AT EUROWEST (714) 309-9551 OR JOY KLEIN (813) 334-3302 jklein@transamerica.com NOTE: USE WITH EGR-4G	
ECT-18G	EXTERIOR CERAMIC TILE	INLINE RESTAURANTS ONLY	GRANITI GIANDRE / EUROWEST	ROVERE ANTICO LEGNI HIGH TECH	6" X 36"	PAR 15334 "ROVERE" STACKED BOND PATTERN CONTACT: JOY DETER AT EUROWEST (714) 309-9551 OR JOY KLEIN (813) 334-3302 jklein@transamerica.com NOTE: USE WITH EGR-9G	
EF-1G	EXTERIOR FINISH - STUCCO, STO, FIBER CEMENT SIDING PANELS	GENERAL	STO OR APPROVED EQUAL	STO POWERWALL STUCCO SYSTEM TEXTURE: FINE SAND OR STO THERM CL EIFS SYSTEM		COLOR TO MATCH EP-2G PPG "DESERT DUNE" CONTACT: NICHIHA CUSTOMER SERVICE (770) 805-9466 BK@NICHIHA.COM INSTALL PER MANUFACTURER'S SPECIFICATIONS VERTICAL APPLICATIONS ONLY (NOT FOR USE ON SOFFITS)	
EF-4G	EXTERIOR FINISH STUCCO	GENERAL	NICHIHA FIBER CEMENT	NICHIHA TUFFBLOCK	18" X 6"	PREPAINTED TO MATCH EP-2G - PPG "DESERT DUNE" STACKED BOND PATTERN CONTACT: TIM SALERNO AT STO CORP (407) 466-5371	
EF-4G	EXTERIOR FINISH STUCCO	GENERAL	STO OR APPROVED EQUAL	STO POWERWALL STUCCO SYSTEM		COLOR TO MATCH EP-4G PPG "GRANITE" CONTACT: 800-255-1727 Susan King Susan.King@boral.com culturedstone@boral.com	
EF-8G (ALTERNATE FOR EF-9G)	EXTERIOR FINISH STONE	EXTERIOR SIGN ARCHONS	BORAL STONE PRODUCTS	COUNTRY LEDGESTONE		"ASPEN" CONTACT: NICHIHA CUSTOMER SERVICE (770) 805-9466 BK@NICHIHA.COM INSTALL PER MANUFACTURER'S SPECIFICATIONS VERTICAL APPLICATIONS ONLY (NOT FOR USE ON SOFFITS)	
EF-9G	EXTERIOR FINISH FIBER CEMENT	EXTERIOR SIGN ARCHONS	NICHIHA FIBER CEMENT	VINTAGE WOOD EF762	18" X 10"	"CEDAR" CONTACT: MATT KLINGE AT ADFAST (314) 753-0964 matt.klinge@adfastcorp.com NOTE: USE WITH EF-9G	
TR-1G	ALUMINUM TRIMS						
EC-1G	EXTERIOR CAULK			ADSEAL PRODUCTS	ADSEAL 458-63	"VINTAGE WOOD CEDAR"	
EP-2G	EXTERIOR PAINT	EXTERIOR GENERAL	PPG	PRIMER: 17-921 PAINT: G-2045X1	"DESERT DUNE" 1023-4, former "TANNERS TAUPE" PPG1023-4	CONTACT: GLENN REMLER, ARCHITECTURAL ACCOUNT EXECUTIVE phone: (954) 547-1217 email: Glenn.J.Remler@Sherwin.com	
EP-4G	EXTERIOR PAINT	EXTERIOR WAINSCOT		PRIMER: 17-921 PAINT: G-2045X1	"GRANITE" 1022-6, former "MONTERREY CLIFFS" 10YY 14/080		
EP-6G	EXTERIOR PAINT	LOGO SIGN CABINETS & BURGER KING CHANNEL LETTER CABINETS		PRIMER: G-212 PAINT: G-230	"STEPPING STONE" 1010-4, former "BURGER KING SILVER" Custom Formula		
EP-6AG	EXTERIOR PAINT	EXISTING MANSARD ROOFS, SHINGLES & BARREL TILE		PRIMER: 17-921 PAINT: 90-1110	"DOVER GRAY" 1001-1, former "GRYMMYS GREY" 00N 20/000		
EP-6BG	EXTERIOR PAINT	EXISTING STANDING SEAM METAL ROOF		PRIMER: 90-712 PAINT: 90-1110	"GRAY STONE" 1009-4, former "MARCH WIND" Custom Formula		
EP-8BG	EXTERIOR PAINT	METAL COPING AT ARCHON TOWERS		PRIMER: 17-921 PAINT: G-2045X1	"CARAVEL BROWN" 1079-6, former "CEDAR" Custom Formula		
EXT-1G	EXTERIOR PAINT	POLES & POLE SIGN		PRIMER: 90-712 PAINT: 90-353	"BLACK"		
EXT-2G	EXTERIOR PAINT	SIGNS		PRIMER: 90-712 PAINT: 90-375	Tint to match PPG 1006-6 "DECONSTRUCTION"		
EP-2G	EXTERIOR PAINT	EXTERIOR GENERAL		Loxon Concrete & Masonry A24W300 PAINT: Superpaint Ext Satin A89 Series Satin	"TAUPE TONE" SW 7633		
EP-4G	EXTERIOR PAINT	EXTERIOR WAINSCOT		Loxon Concrete & Masonry A24W300 PAINT: Superpaint Ext Satin A89 Series Satin	"HOMESTEAD BROWN" SW 7515		
EP-6G	EXTERIOR PAINT	LOGO SIGN CABINETS & BURGER KING CHANNEL LETTER CABINETS		PRIMER: Kem Bond HS B50A28 PAINT: Silver Britz B59511	FACTORY FINISH SILVER		
EP-6AG	EXTERIOR PAINT	EXISTING MANSARD ROOFS, SHINGLES & BARREL TILE		PRIMER: Pro Industrial Pro-Cryl Primer B66-310 PAINT: Pro Industrial High Performance Acrylic B66-660 Eggshell	"WESTCHESTER GRAY" SW 2849		
EP-6BG	EXTERIOR PAINT	EXISTING STANDING SEAM METAL ROOF		PRIMER: Pro Industrial Pro-Cryl Primer B66-310 PAINT: Pro Industrial High Performance Acrylic B66-660 Eggshell	"MARCH WIND" Custom Formula		
EP-8G	EXTERIOR PAINT	METAL COPING AT ARCHON TOWERS		PRIMER: Pro Industrial Pro-Cryl Primer B66-310 PAINT: Pro Industrial High Performance Acrylic B66-650 Semi-Gloss	"CEDAR" Custom Formula		
EXT-1G	EXTERIOR PAINT	POLES & POLE SIGN	PRIMER: Pro Industrial Pro-Cryl Primer B66-310 PAINT: Pro Industrial High Performance Acrylic B66-600 Gloss	FACTORY FINISH BLACK			
EXT-2G	EXTERIOR PAINT	SIGNS	PRIMER: Pro Industrial Pro-Cryl Primer B66-310 PAINT: Pro Industrial High Performance Acrylic B66-600 Gloss	FACTORY FINISH TO MATCH SW 6075 "GARRET GRAY"			
EGR-3G	GROUT	BRICK	MAPEI		#5 "CHAMOIS"	NOTE: USE WITH EB-1G	
EGR-4G	GROUT	CERAMIC TILE	CUSTOM BUILDING PRODUCTS	POLYBLEND SANDED	#335 "WINTER GRAY"	NOTE: USE WITH ECT-1G *** FOR SETTING MATERIALS USE COMPLETE CONTACT RAPID SET *** SEAL GROUT WITH AQUAMIX SEALERS CHOICE GOLD	
EGR-9G	GROUT	INLINE RESTAURANTS ONLY CERAMIC TILE	LATICRETE	POLYBLEND SANDED	#66 "CHESTNUT BROWN"	NOTE: USE WITH ECT-18G *** CONTRACTOR TO ALLOW 1/16" MAX FOR GROUT JOINT *** FOR SETTING MATERIALS USE COMPLETE CONTACT RAPID SET *** SEAL GROUT WITH AQUAMIX SEALERS CHOICE GOLD Contact: Kirby Davis at Laticrete (203) 671-7210	
MC-1G	METAL COPING	TOP OF LIGHT BAND WALL CAP	W.P. HICKMAN SYSTEMS, INC.	PERMA SNAP PLUS	A-30 "SILVERSMITH"	CONTACT: W.P. HICKMAN COMPANY (828)676-1700 - WWW.WPH.COM	
MC-2G	METAL COPING	BELOW LIGHT BAND		PERMA SNAP PLUS	FACTORY FINISH TO MATCH EP-2G PPG "TANNERS TAUPE"		
MC-3G	METAL COPING	TOP OF ARCHON		PERMA SNAP PLUS	TO BE PAINTED TO MATCH EP-8G PPG "CEDAR"		
MP-1G		PARAPET LIGHT BAND	LEKTRON *SEE APPROVED SIGN SUPPLIERS	LED LIGHT BAND		PRODUCT INFORMATION: KEVIN RUBOTTOM AT LEKTRON (800) 634-4059 OR (918) 622-4978 Email: KRubottom@lektroninc.com	
MP-3G	METAL CANOPY	ABOVE DOORS AND WINDOWS	*SEE APPROVED CANOPY SUPPLIERS	CUSTOM METAL CANOPY	COLOR: CLEAR ANODIZED	*SEE PLANS	

Notes	FOR SUBMITTAL TO CITY PLANNING
By	DB
Date	
No.	1
Drawn By:	CP
Checked:	SB
Scale:	AS NOTED
Date:	--,--21



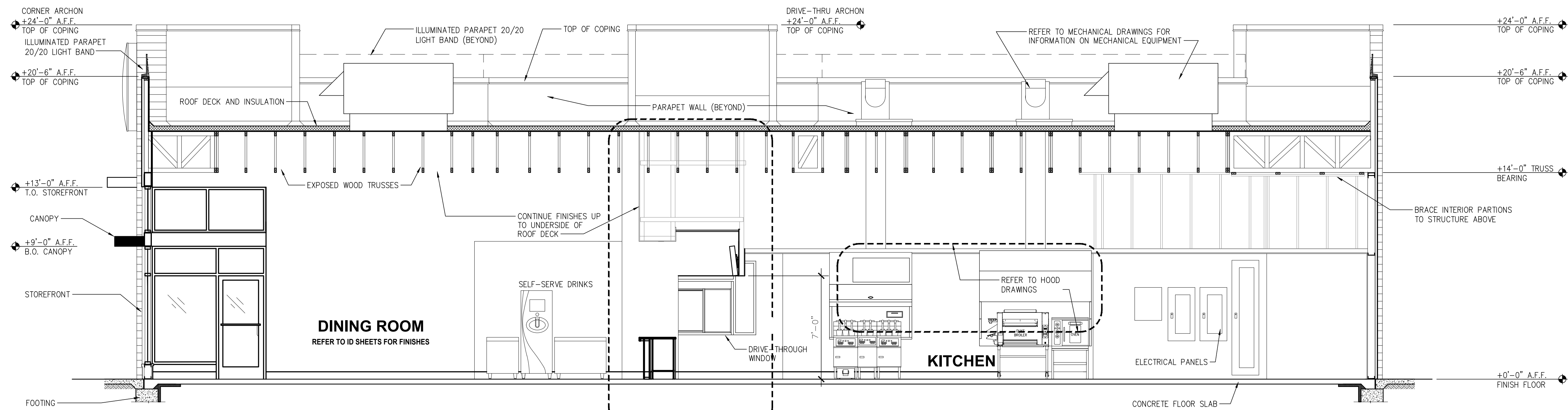
PROJECT
BURGER KING
100 W. MARKET ST.
ELKPORT, IN 46514

SHEET TITLE
EXTERIOR FINISH SCHEDULE

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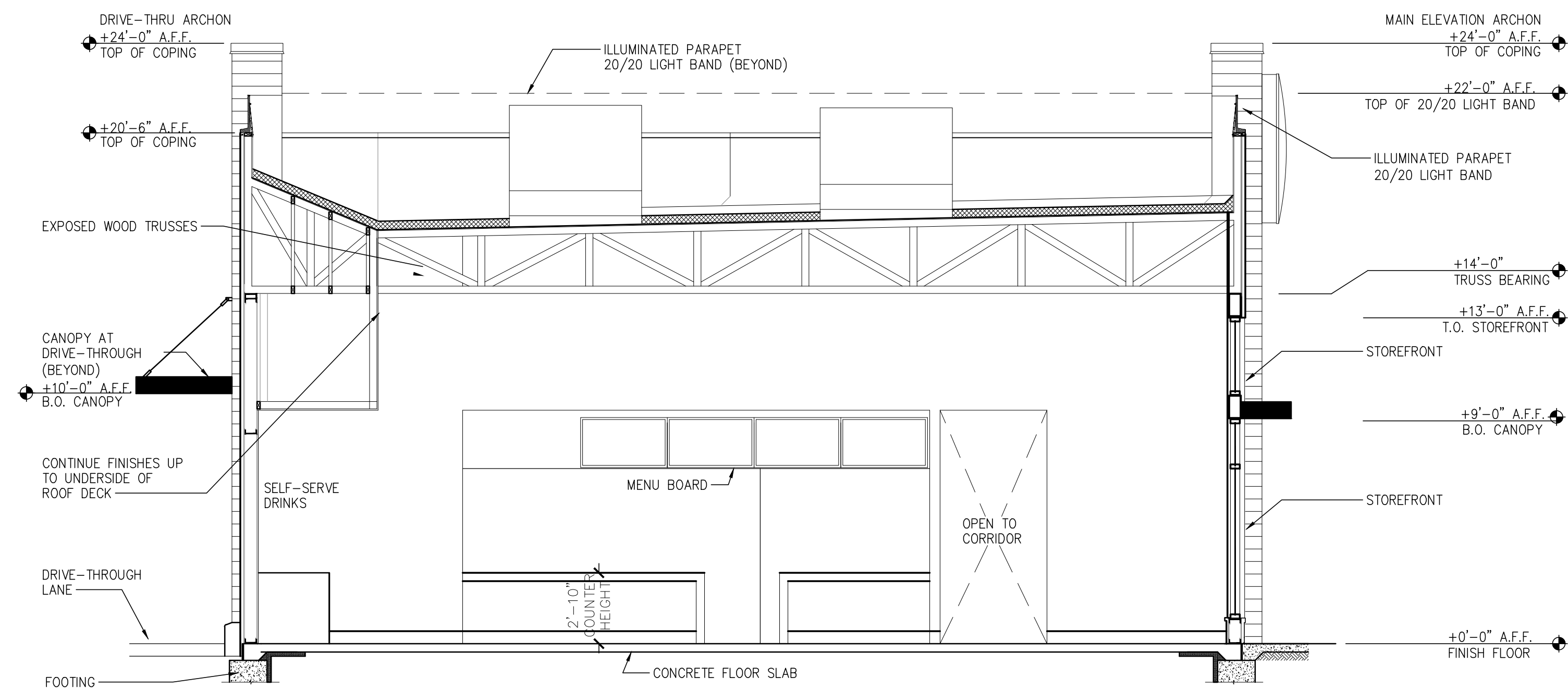
JOB #
TG-21668

SHEET
A-2.2



1 BUILDING SECTION
SCALE: 1 / 4" = 1'-0"

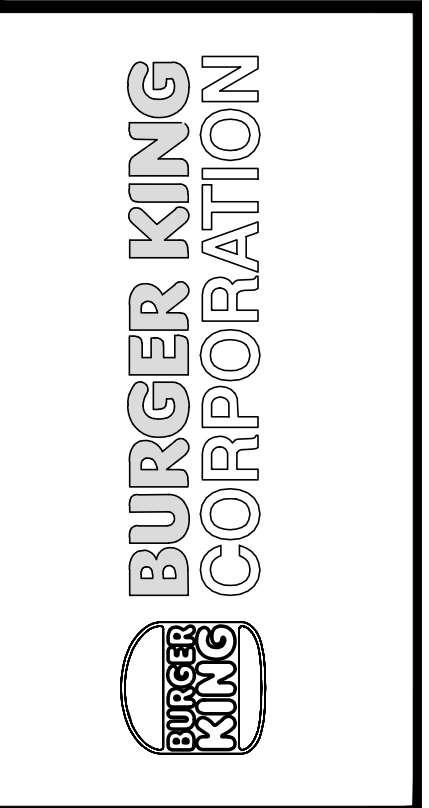
EXTERIOR/INTERIOR FINISHES NOT SHOWN


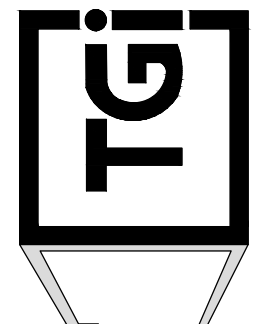


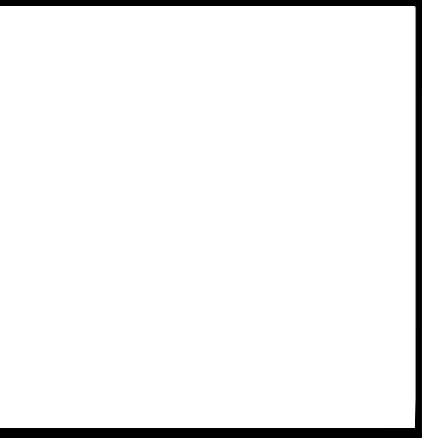
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SCALE: 1 / 4" = 1'-0"

EXTERIOR/INTERIOR FINISHES NOT SHOWN

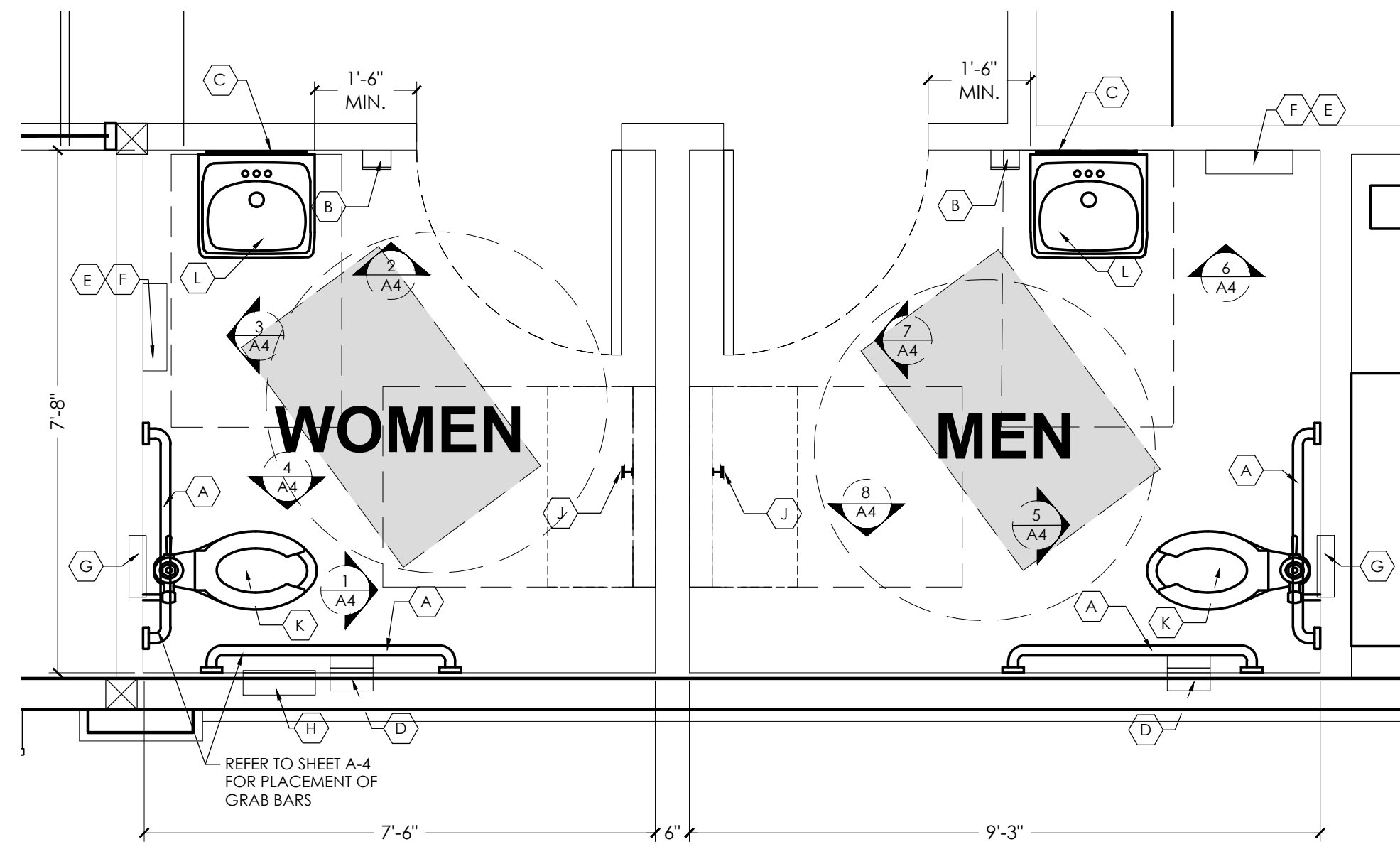
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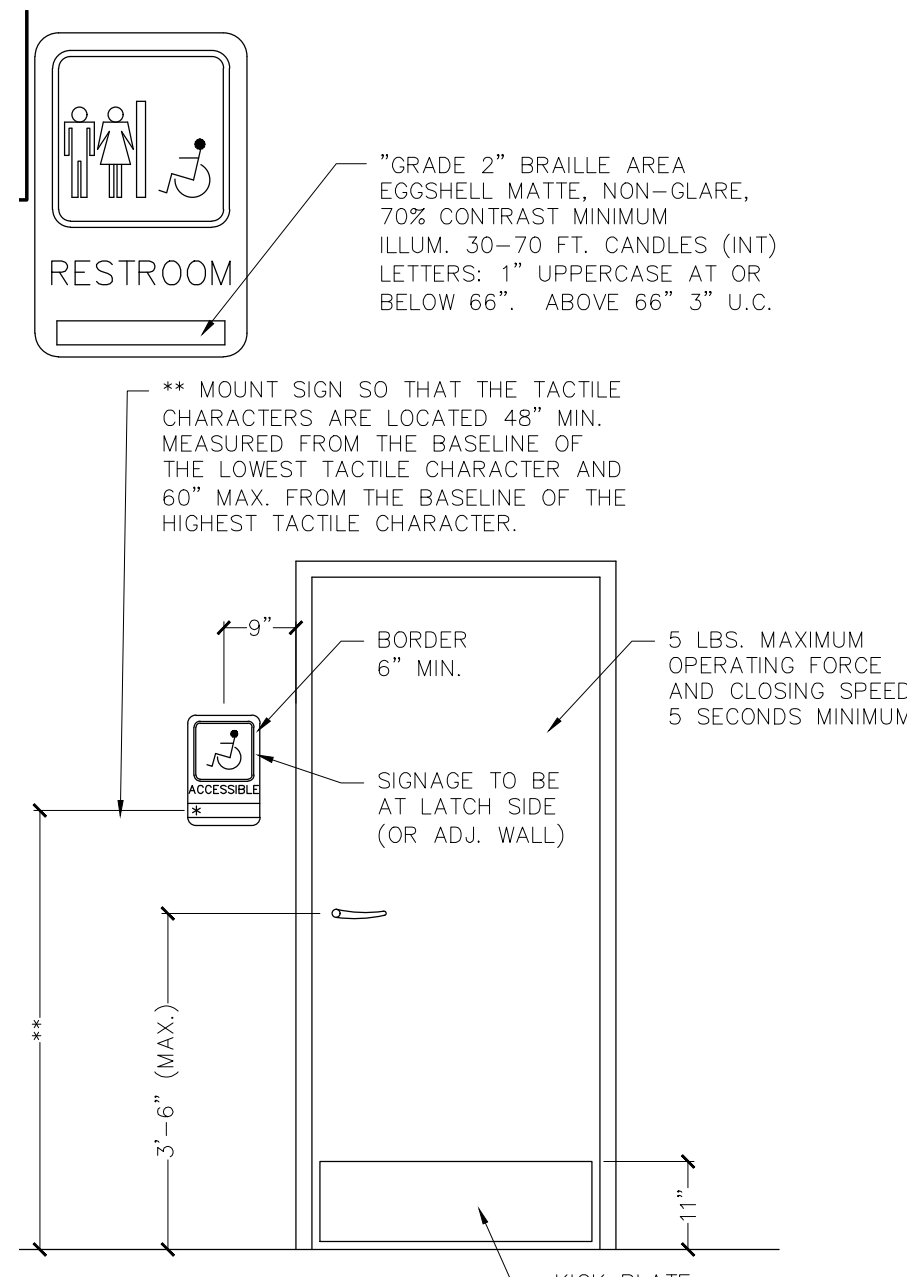


PROJECT	BURGER KING 1440 NAPPAWEE ST. ELMHART, IN 46514	SHEET TITLE	BUILDING SECTIONS
JOB #	TG-21668	DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.	
SHEET	A-3		



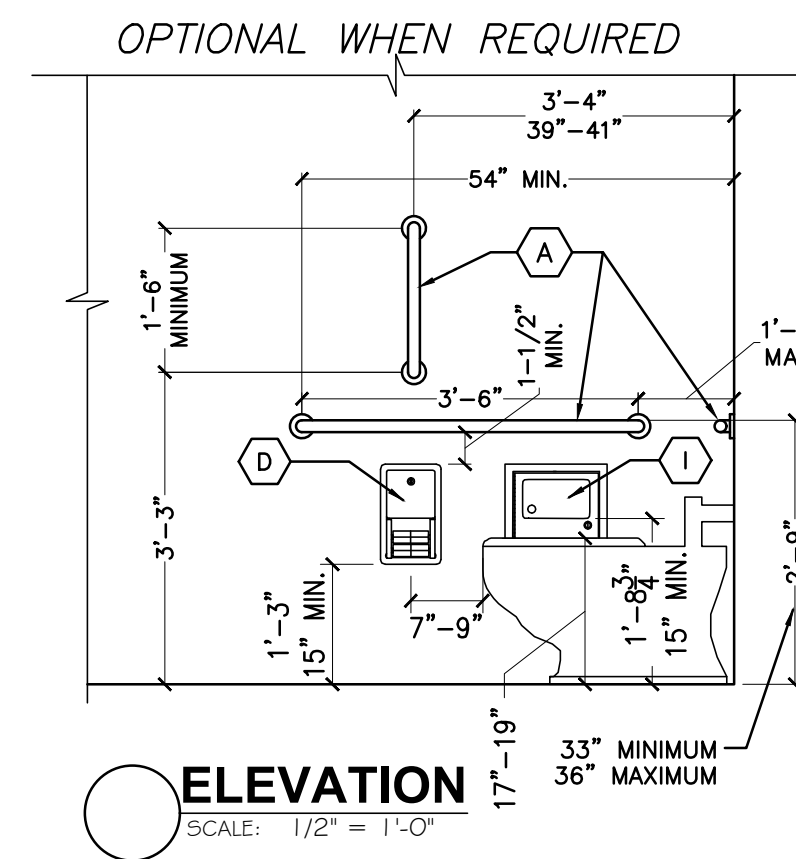
RESTROOM PLAN

SCALE: 1/2" = 1'-0"



RESTROOM SIGN DETAIL

SCALE: 1/2" = 1'-0"



ELEVATION

SCALE: 1/2" = 1'-0"

GENERAL NOTES:

- A. FOR INTERIOR FINISHES, REFER TO INTERIOR DECOR SHEETS.
- B. PLUMBING FIXTURES TO BE PROVIDED BY THE GENERAL CONTRACTOR
- C. ALL PLUMBING FIXTURES, FAUCETS AND ACCESSORIES TO BE ADA COMPLIANT
- D. ALL EXPOSED PIPING UNDER LAVATORIES TO BE INSULATED TO PREVENT CONDENSATION. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.

RESTROOM / KITCHEN ACCESSORIES

- A. GRAB BAR: BOBRICK 250 LBF. MINIMUM 33" MIN. TO 36" MAX. HEIGHT TO THE TOP OF THE GRIPPING SURFACE. PROVIDE THE REQUIRED QUANTITY AND LENGTH AS INDICATED ON THE DRAWING AS REQUIRED BY THE GOVERNING CODE. THE BAR SHALL BE 1-1/2" IN DIAMETER AND MOUNTED WITH 1-1/2" CLEARANCE FROM THE WALL.
- B. WALL MOUNTED SOAP DISPENSER AND HAND SANITIZER DISPENSER (36" HEIGHT) SUPPLIED BY "ECOLAB" AND INSTALLED BY THE G.C. NOTE: SOAP AND HAND SANITIZER DISPENSERS TO BE PROVIDED AT EACH HANDSINK.
- C. MIRROR: (BOTTOM OF REFLECTIVE SURFACE AT 40" MAXIMUM HEIGHT) MODEL B-165-1836 (18"x36") STAINLESS STEEL CHANNEL FRAME MIRROR THEFT RESISTANT SCREWS BY BOBRICK OR APPROVED EQUIVALENT.
- D. TOILET PAPER HOLDER: OPTION 1: BOBRICK B-3888, SUPPLIER - HAINES JONES & CADBURY OPTION 2: 9" TWIN JUMBO MODEL #58250 BY NORTH AMERICAN CORP
- E. PAPER WASTE RECEPTACLE: (REQUIRED) MODEL B-3644 AS MANUFACTURED BY BOBRICK OR APPROVED EQUIVALENT. (ROUGH OPENING 17-3/16" x 30 8-1/8" D MIN.)
- F. REQUIRED - PAPER TOWEL DISPENSER: BOBRICK B-359 SUPPLIED BY HAINES JONES & CADBURY AND INSTALLED BY THE G.C.

OPTIONAL (IN ADDITION TO PAPER TOWEL DISPENSER):
ELECTRIC HAND DRYER: ASI ROVAL SERIES AUTOMATIC TOUCH SENSOR HAND DRYER.
MODEL: ASI ROVAL 20199

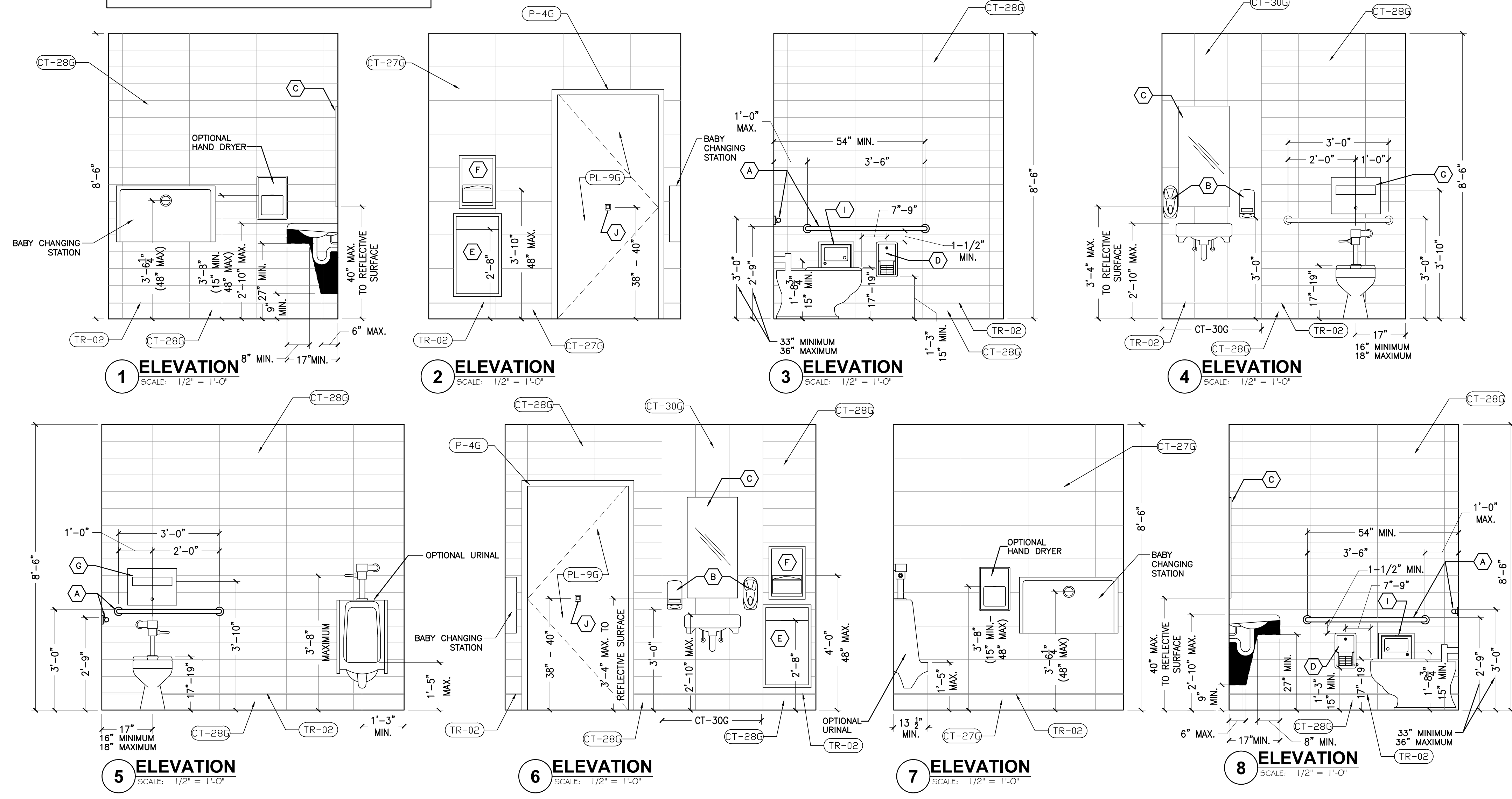
NOTE: HAND DRYER TO BE INSTALLED AT A MAXIMUM HEIGHT OF 48" FLOOR ELEVATION TO TOP OF SENSOR OR PER ADA REQUIREMENTS.
NOTE: PROVIDE PAPER TOWEL DISPENSER "SAN JAMAR" MODEL #T-149 AT EACH HAND SINK IN KITCHEN.

- G. TOILET SEAT COVER DISPENSER: BOBRICK B-3013, SUPPLIER - HAINES JONES & CADBURY
- H. URINAL SCREEN: (OPTION 1) NEVAMAR WK0017T COLOR: VENERABLE OLD (OPTION 2) BOBRICK 1080/1180 DURALINE SERIES #EO-09 COLOR: BLACK
- I. SANITARY NAPKIN DISPOSAL: BOBRICK B-353, RECESSED.
- J. COAT HOOK: BOBRICK MODEL B-6717 TO BE MOUNTED ON INSIDE OF RESTROOM DOOR FOR SINGLE OCCUPANCY RESTROOMS AND EACH RESTROOM DOOR FOR MULTIPLE OCCUPANCY RESTROOMS. MOUNT AT 38"-40" A.F.F. ACCESSIBLE LOCATIONS AND AT 48" A.F.F. MAXIMUM FOR NON-ADA ACCESSIBLE LOCATIONS.
- K. BABY CHANGING STATION: KOALA KARE #KB110-SSWM (HORIZONTAL) WALL MOUNTED OR #KB200-01 (HORIZONTAL) WALL MOUNTED IN GREY. SANITARY BED LINERS FOR BABY CHANGING STATION: KOALA KARE #KBL-01. NOTE: CHANGING STATION OPTION TO COMPLY WITH ALL ACCESSIBILITY REQUIREMENTS PROVIDE BLOCKING AS REQUIRED FOR STATION SUPPORT.
- L. LAVATORY FAUCET: WATERFRONT MODEL: 300988 SINGLE LEVER HANDLE FAUCET, CHROME-PLATED FINISH
- M. WATER CLOSET: AMERICAN STANDARD - MADERA FLOWISE 15" HEIGHT ELONGATED FLUSH TOILET, SUPPLIER - HAINES JONES & CADBURY
- N. WATER CLOSET- ADA: AMERICAN STANDARD - MADERA FLOWISE 16 1/2" HEIGHT 1.6 GPF FLUSH TOILET SYSTEM, SUPPLIER - HAINES JONES & CADBURY
- O. URINAL- ADA: AMERICAN STANDARD - WASHBROOK FLOWISE UNIVERSAL URINAL - HAINES JONES & CADBURY
- P. LAVATORY: CUSTOM THROUGH SINK "GLACIER WHITE" COMMERCIAL INTERIORS MANUFACTURING (CIM) OR HAINES JONES & CADBURY

OPTIONAL:

TOILET STALL PARTITIONS: NEVAMAR WK0017T COLOR: VENERABLE OLD (OPTIONAL) BOBRICK 1080/1180 DURALINE SERIES #EO-09 COLOR: BLACK PHENOLIC URINAL SCREEN AND TOILET PARTITIONS MAY BE USED AS AN ALTERNATE TO NEVAMAR SPECIFICATION.

NOTE: REFER TO 20/20 GARDEN GRILL DECOR GUIDELINES FOUND AT DESIGNWITHBK.COM (INTERIOR DESIGN GUIDELINES) FOR REQUIRED RESTROOM GRAPHICS.



1 ELEVATION

SCALE: 1/2" = 1'-0"

2 ELEVATION

SCALE: 1/2" = 1'-0"

3 ELEVATION

SCALE: 1/2" = 1'-0"

4 ELEVATION

SCALE: 1/2" = 1'-0"

5 ELEVATION

SCALE: 1/2" = 1'-0"

6 ELEVATION

SCALE: 1/2" = 1'-0"

7 ELEVATION

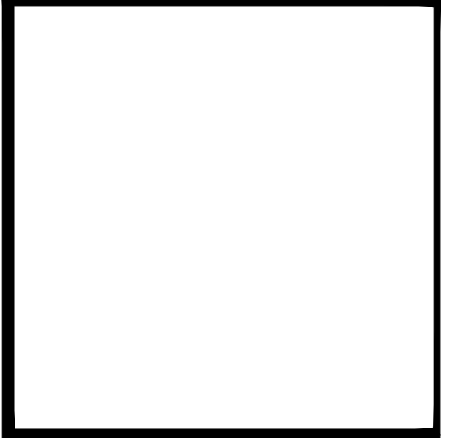
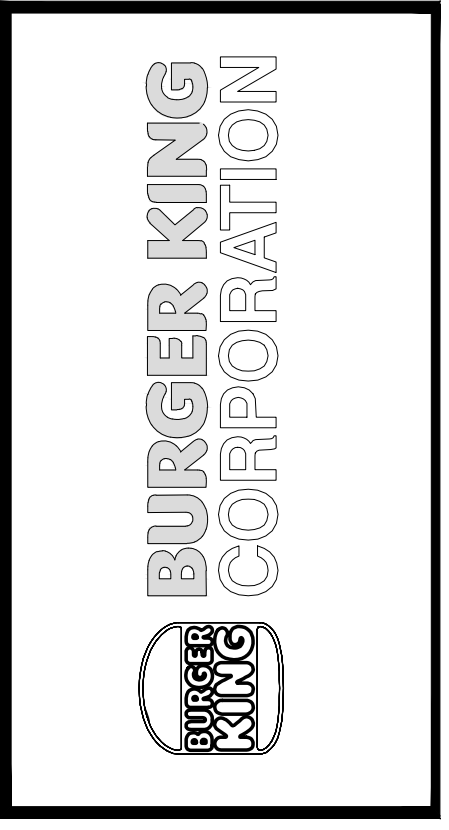
SCALE: 1/2" = 1'-0"

8 ELEVATION

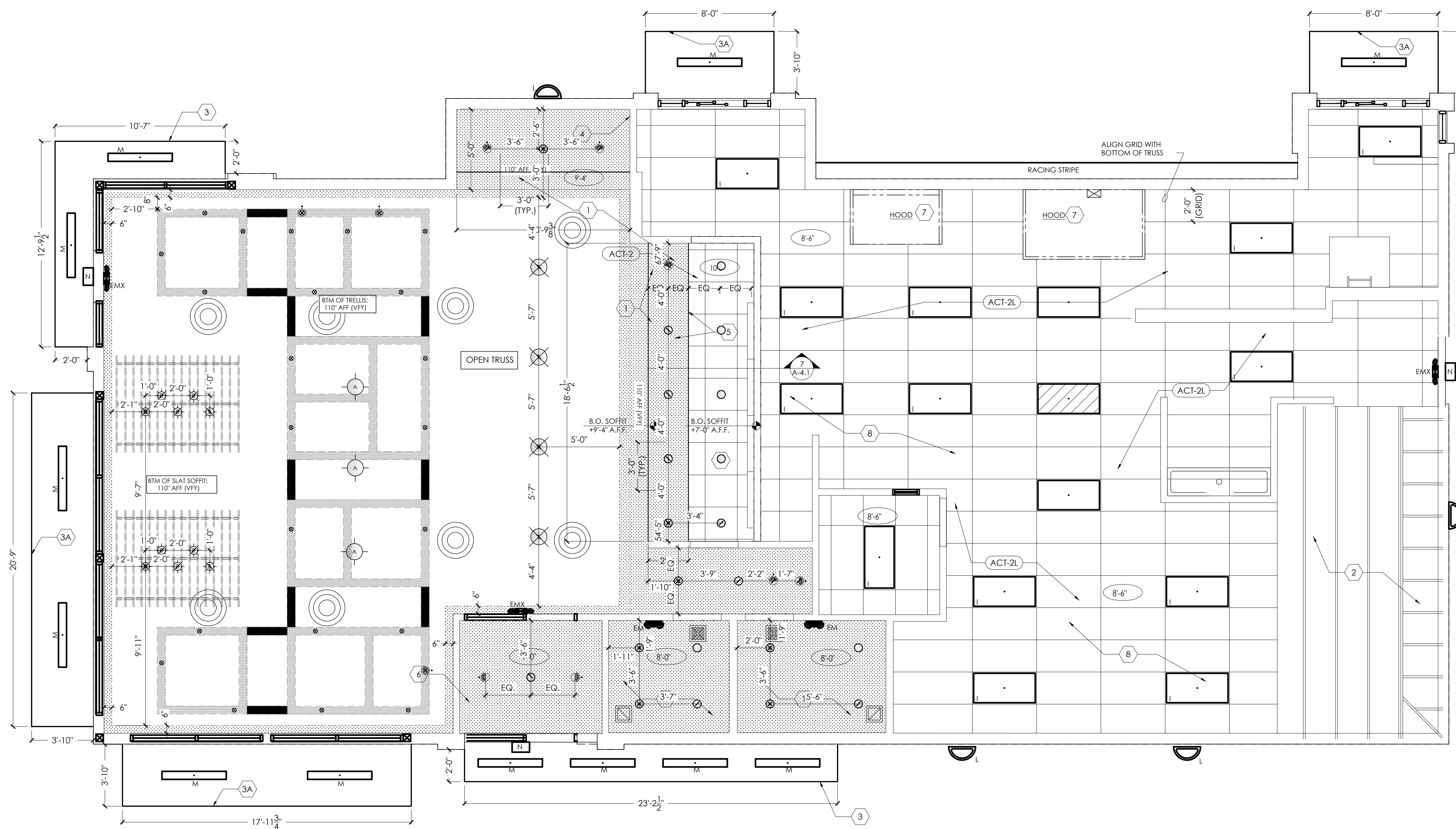
SCALE: 1/2" = 1'-0"

No.	Date	By	Notes
2	4/24/21	DB	PLANNING REVISION
3	5/24/21	DB	PLANNING SUBMITTAL
4	7/07/21	DB	BUILDING SUBMITTAL
5	8/27/21	AS	BUILDING REVISIONS
6	10/29/21	AS	ENGINEERING REVISIONS

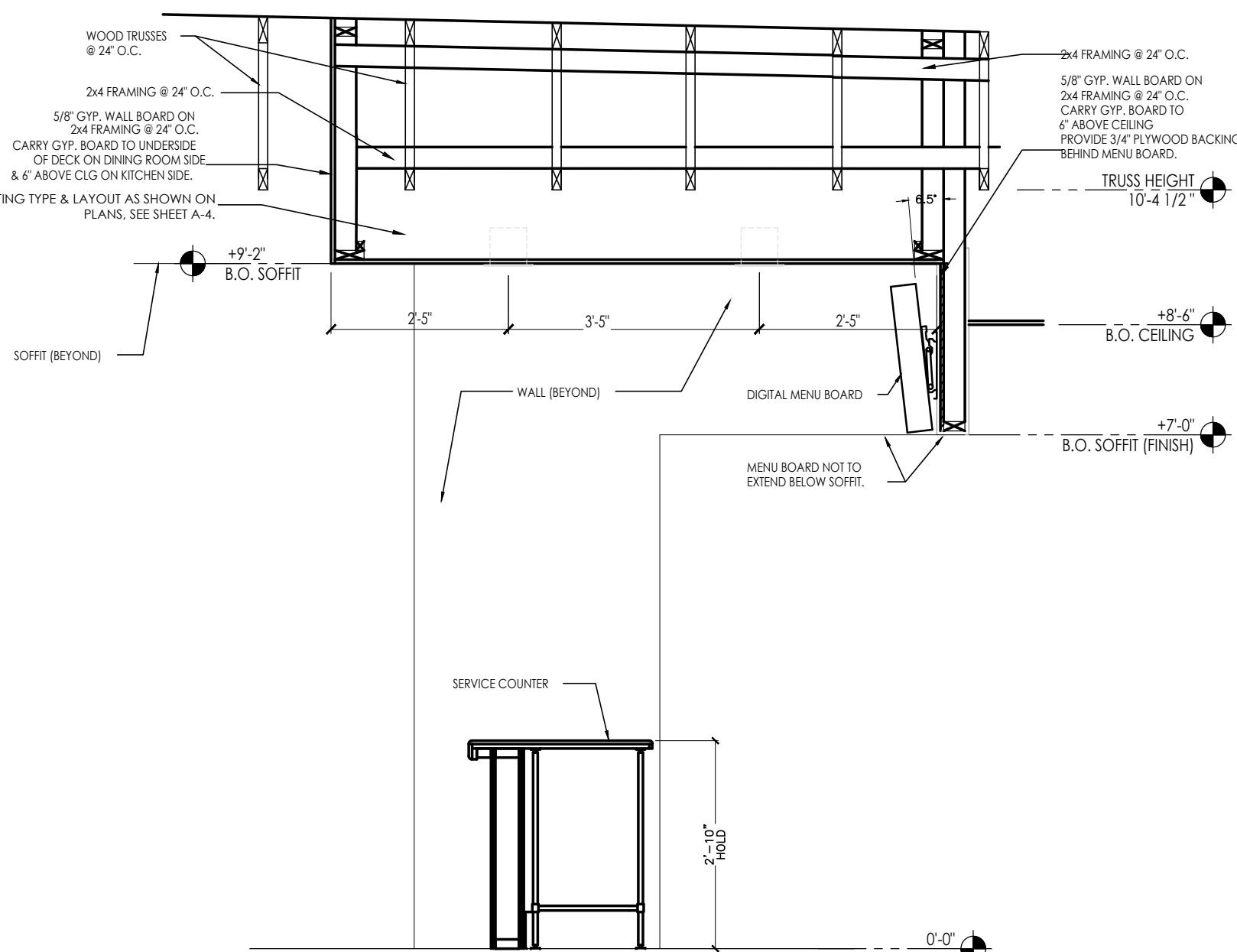
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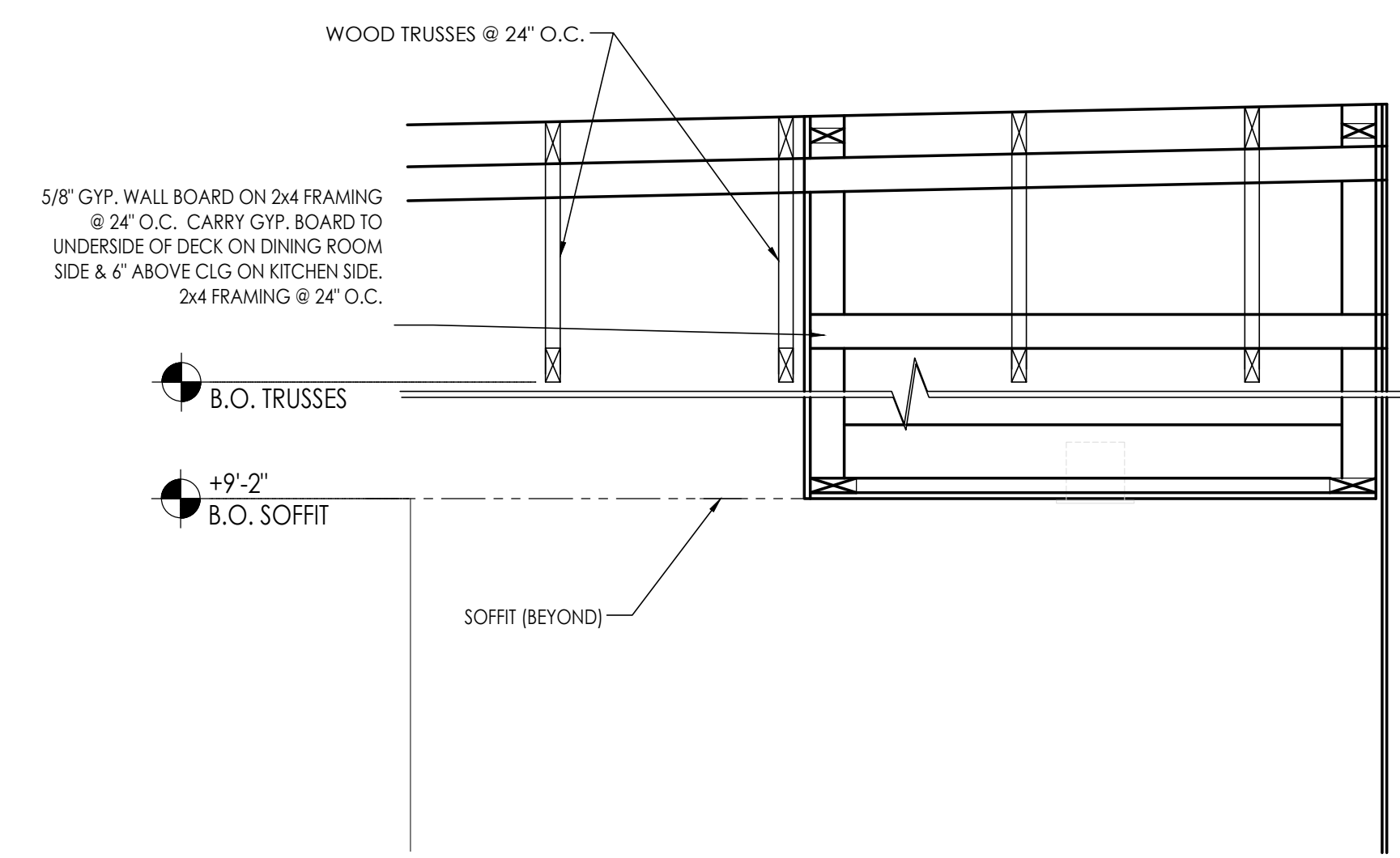
PROJECT BURGER KING #29300 - FORT RD. GROVE CITY, OH 43123	SHEET TITLE PROPOSED RESTROOM ELEVATIONS AND DETAILS
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.	
JOB # TG-21657	SHEET A-3.1



1 REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"



2 FRONT COUNTER SOFFIT DETAIL
SCALE: 1/2" = 1'-0"



3 FRONT COUNTER SOFFIT DETAIL
SCALE: 1/2" = 1'-0"

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.

CEILING SPECIFICATIONS	
ACT-1G LOCATION: MANUFACTURER: COLOR: GRID: DIMENSION: CONTACT:	CORTEGA #770 DINING ARMSTRONG SEPIA 2X2 ANGLED TEGULAR 15/16 IN SEPIA 2'X2'X3/4" LOUIS J. JOHN-NTL ACCOUNTS MANAGER (407) 697-6768 LJOHN@ARMSTRONG.COM
ACT-2G LOCATION: MANUFACTURER: COLOR: GRID: DIMENSION: CONTACT:	KITECHENZONE #BP672 SERVICE AISLE/BACK OF HOUSE ARMSTRONG WHITE PRELUDE 15/16" EXPOSED TEE GRID IN WHITE 2'X4'X1/2" (BOH) 2'X2'X1/2" (SERVICE ISLE) ARMSTRONG STRATEGIC ACCOUNTS (800.442.4212)
P-3G LOCATION: MANUFACTURER: PRIMER: COLOR:	FACE OF SOFFIT PPG 101Y 30/106 EGGSHELL PPG 6-2 STONESMITH
P-5G LOCATION: MANUFACTURER: COLOR:	GYP. CEILINGS CORRIDOR SOFFIT AND RESTROOMS PPG 6-441 EGGSHELL WHITE ON WHITE
P-4G LOCATION: MANUFACTURER: COLOR:	GYP. CEILINGS OPEN CEILING PPG 6-417 SPEEDHIDE ZERO INT. VOC LATEX EGGSHELL CABIN FEVER
P-1SG LOCATION: MANUFACTURER: PRIMER: COLOR:	MAIN WALLS AND SOFFITS PPG 6-411 PPG 6-2 ASHEN PPG 1023-3
SL-1G LOCATION: MANUFACTURER: PRODUCT: COLOR: CONTACT:	TRELLIS SOFFIT DINING ROOM TRELLIS OMNOVA SOLUTIONS SURF(X) 3D LAMINATES ON SUNTRAIT ALMOND CHERRY DUSTIN SMITH (314)489-2374 DUSTIN.SMITH@OMNOVA.COM

GENERAL NOTES:

- ALL DIMENSIONS SHOWN ON REFLECTED CEILING PLAN ARE FROM FACE OF WALL FINISH UNLESS NOTED OTHERWISE.
- THE REFERENCE HEIGHTS INDICATED ON PLAN ARE FROM FINISH FLOOR (F.F.).
- GENERAL CONTRACTOR TO COORDINATE DINING ROOM LIGHTING WITH APPROVED INTERIOR DECOR DRAWINGS.
- CONTRACTOR SHALL VERIFY FIXTURE QUANTITIES AND ALSO MAKE PROPER ADJUSTMENTS FOR ANY CHANGES IN PLAN DUE TO ADDITIONAL REQUIREMENTS, LOCAL CODES, ETC.
- FOR H.V.A.C. PLAN, SECTIONS, DUCT LOCATIONS, SUPPLY AND RETURN GRILLE SIZES AND ADDITIONAL INFORMATION, REFERENCE SHEET M-1.
- ALL FIXTURES SHALL BE LOCATED IN THE CENTER OF CEILING TILES UNLESS NOTED OTHERWISE.
- REFERENCE SHEET E-1 FOR LIGHTING LAYOUT REQUIREMENTS AND ADDITIONAL INFORMATION. REFERENCE INTERIOR DECOR SHEETS FOR FINISH SPECIFICATIONS.
- CONTRACTOR TO COORDINATE PENDANT LIGHT LOCATIONS WITH DECOR SUPPLIER DRAWINGS.

KEYED NOTES:

- GYP. BOARD CEILING/SOFFIT
- EXPOSED TRUSSES ABOVE WALK-IN BOX. REFER TO W.B. DRAWINGS FOR INTERIOR LIGHT FIXTURES
- PREFABRICATED METAL CANOPY
- STAINLESS STEEL SERVICE CHASE
- MENU BOARD AND HEADER. REFERENCE DTL 7/A-4.1
- SOFFIT ABOVE ENTRY.
-CEILING PAINT TO MATCH INTERIOR CEILING IF VESTIBULE IS ENCLOSED.
-CEILING PAINT TO BE EP-2G IF VESTIBULE IS OPEN. (REFER TO EXTERIOR FINISH SCHEDULE)
- MECHANICAL EXHAUST HOOD ABOVE
- SUSPENDED ACOUSTICAL TILE CEILING. REFER TO FINISH SCHEDULE.
- EXPOSED WOOD TRUSSES TO BE PAINTED. REFER TO ID SHEETS FOR COLOR.
- EXPOSED PLYWOOD ROOF DECK SHEATHING REFER TO ID SHEETS FOR COLOR.

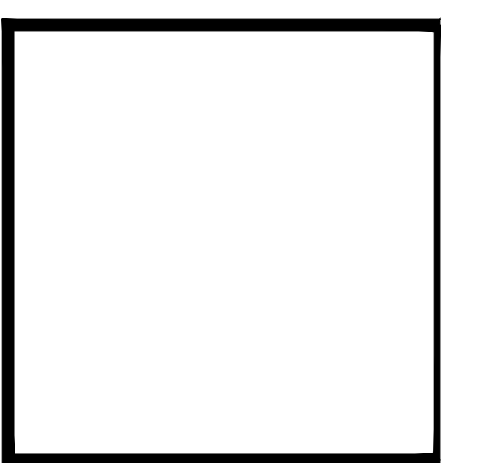
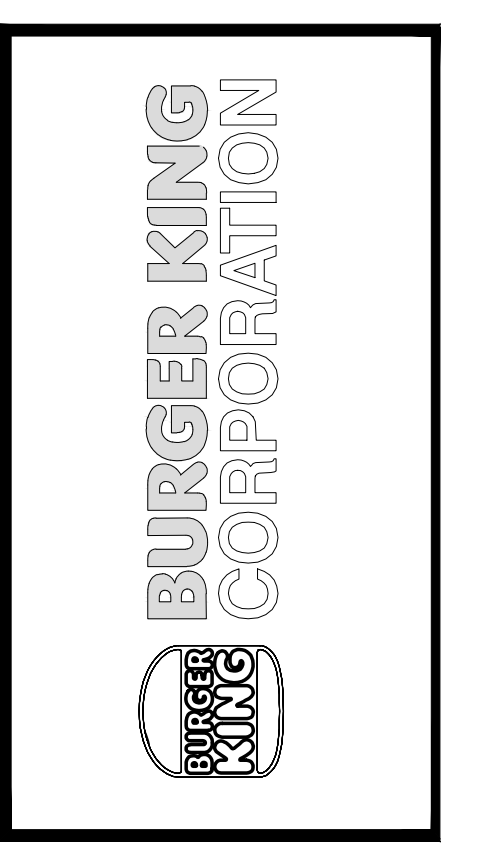
SYMBOLS LEGEND

SYMBOL	DESCRIPTION
	SUPPLY AIR DIFFUSERS
	RETURN AIR GRILLES
	EXHAUST FAN GRILLES
A	SINGLE PENDANT, COORDINATE LOCATION AND QUANTITY WITH DECOR SUPPLIER.
B	SINGLE PENDANT, COORDINATE LOCATION AND QUANTITY WITH DECOR SUPPLIER.
C6w	6" DIAMETER RECESSED DOWNLIGHT
D6w	6" DIAMETER ADJUSTABLE WALL WASH DOWNLIGHT
E	ADJUSTABLE TRACK LIGHT
F	PROFILE LIGHT
G	2" DIAMETER DOWNLIGHT
G1	2" DIAMETER WALL WASH DOWNLIGHT
I	2x4 RECESSED FLAT LENS (NIGHT LIGHT WHEN SHOWN HATCHED)
K	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
EMX	EXIT LIGHT

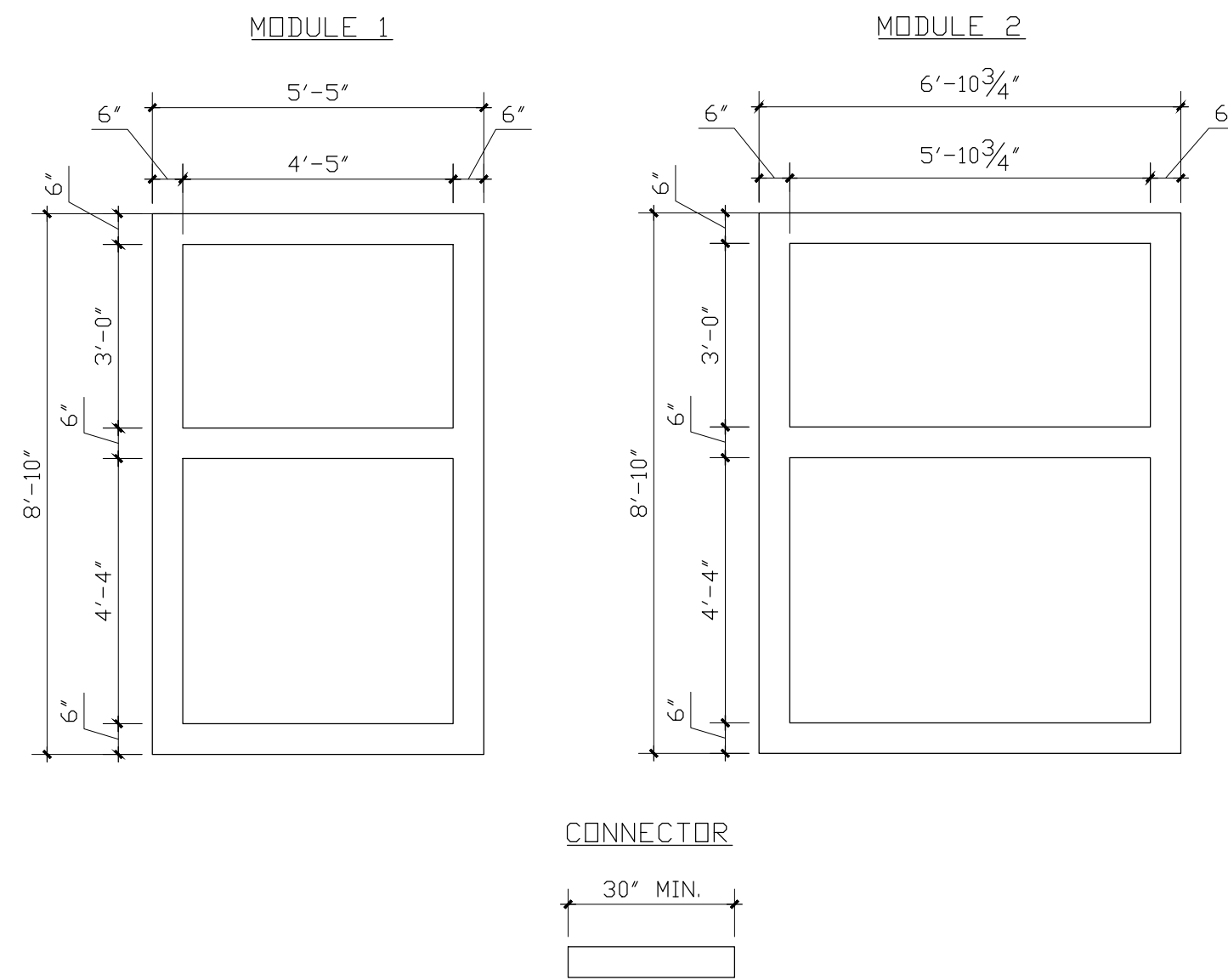
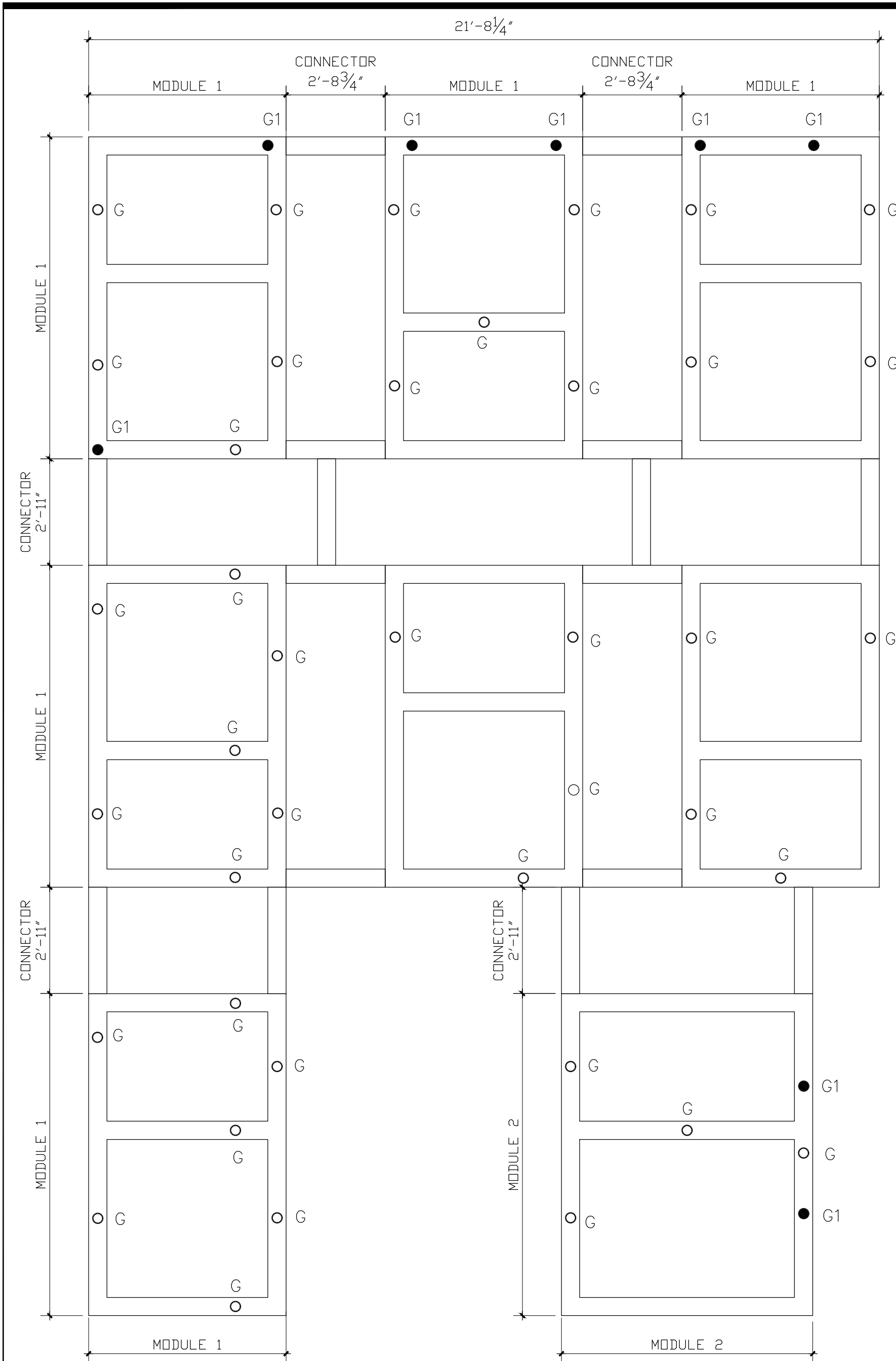
REF. SHEET M-1 FOR SPECIFICATIONS

REFERENCE SHEET E-1 FOR SPECIFICATIONS

No.	Date	By	Notes
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Scale: AS NOTED			
Date: ---21			

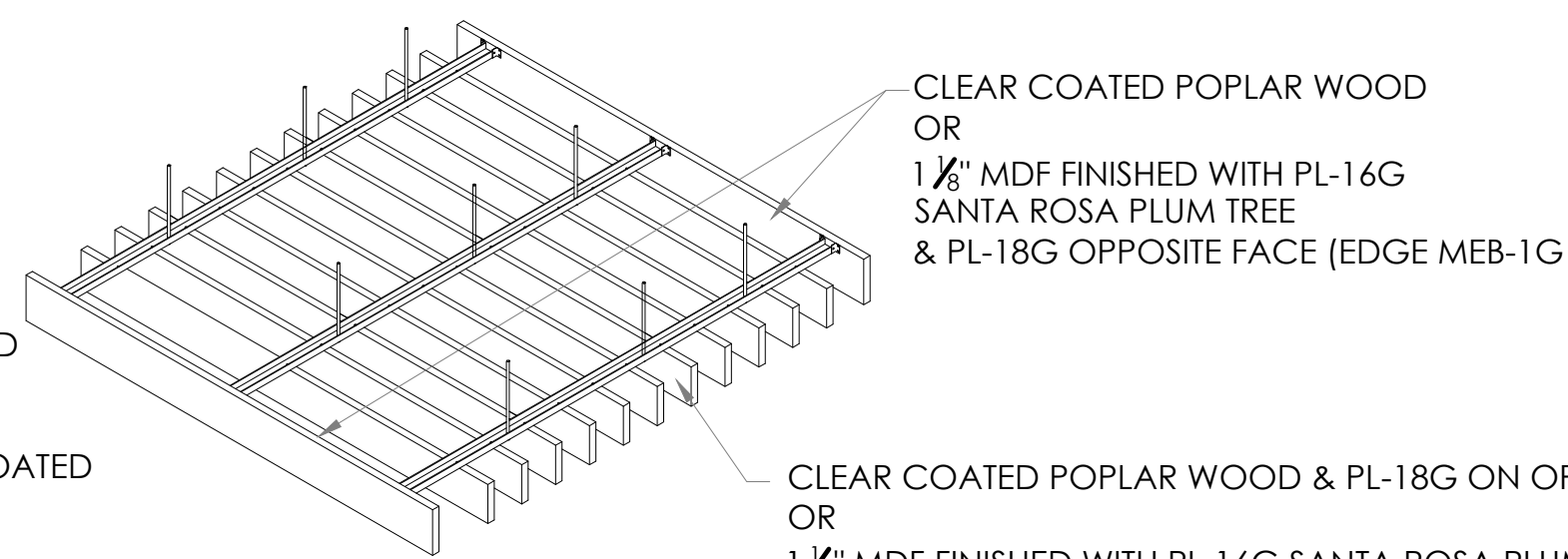
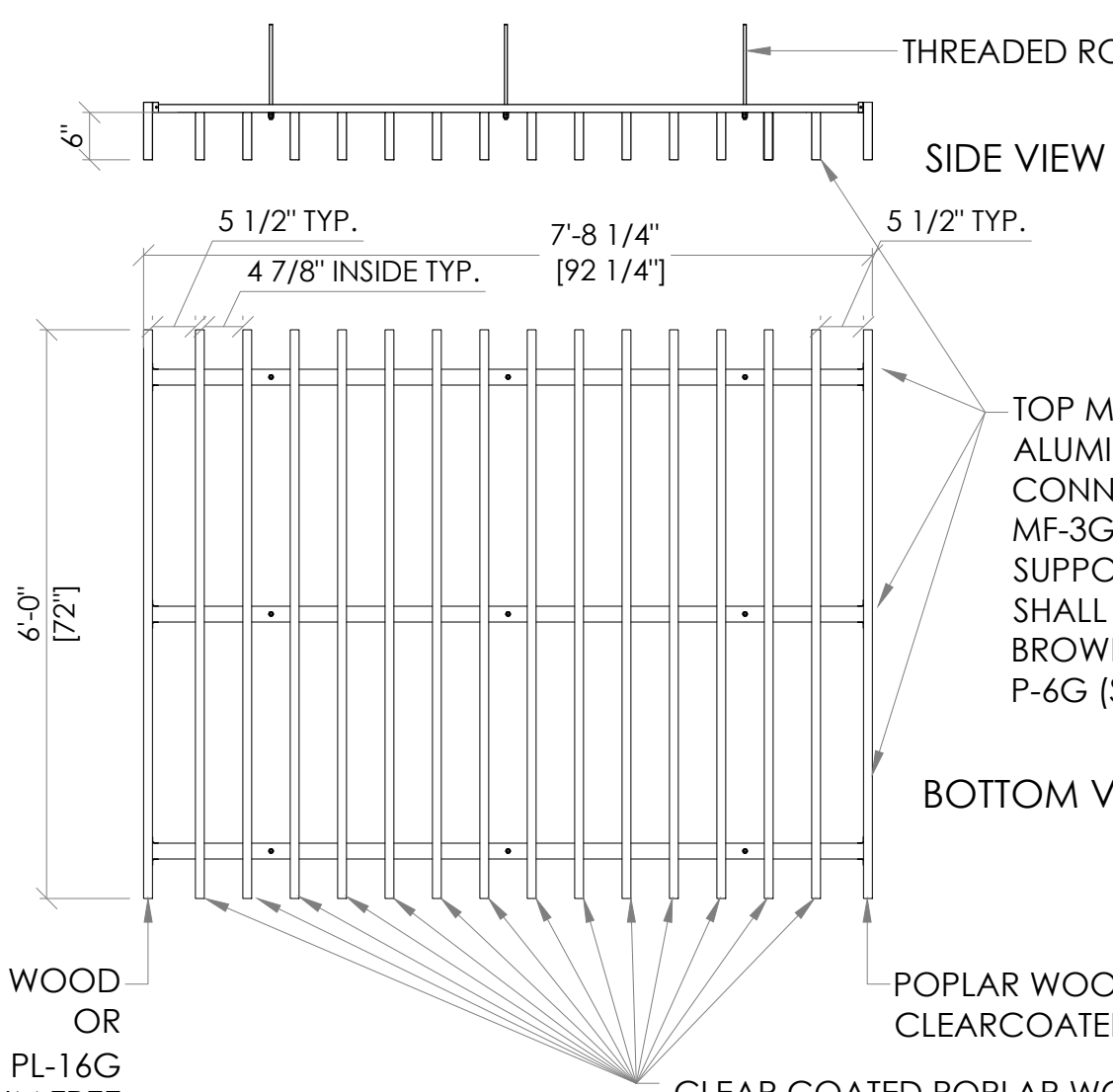


PROJECT BURGER KING 1440 HARTMAN ST. ELKHART, IN 46514	SHEET TITLE REFLECTED CEILING PLAN
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.	
JOB # TG-21668	SHEET A-4



- NOTES:
- SUSPENDED TRELLIS 3D LAMINATE ON PVC BOARD. SURF (X) OMNOVA SOLUTIONS ALMOND CHERRY 12 MIL.
 - GENERAL DIMENSIONS 6'x6' SUSPENDED FROM AN OPEN TRUSS CEILING SUSPENDED SYSTEM: UNISTRUT ELEMENTS AND THREADED RODS
 - FIT UNISTRUT BETWEEN JOIST SYSTEM WITH SUFFICIENT EXCESS ALLOW FOR MOVEMENT DURING INSTALLATION, PROVIDE (2) 3/8"-16 NUT AND ONE (1) WASHER (ID:0.375, OD 1.00)
 - NUMBER OF MODULES SHALL BE PER BUILDING CONDITIONS, ALL MODULES SHALL BE INTERCONNECTED
 - ADJUST CONNECTION ELEMENTS DIMENSION PER BUILDING CONDITIONS.
 - LIGHT FIXTURES SHALL BE LOCATED AT THE MODULES, NOT THE CONNECTING ELEMENTS. CONCEALED LED LIGHTS PER BURGER KING LIGHTING STANDARDS. THE MINIMUM NUMBER OF CONCEALED TRELLIS LIGHT FIXTURES SHALL COMPLY WITH BUILDING CODES AND REGULATIONS. FOR LIGHT FIXTURE TYPES REFER TO LIGHT FIXTURE SCHEDULE FOUND ON DESIGNWITHBK.COM (COMMON DOCUMENTS)

4 TRELLIS DETAILS
SCALE: 3/8"=1'-0"

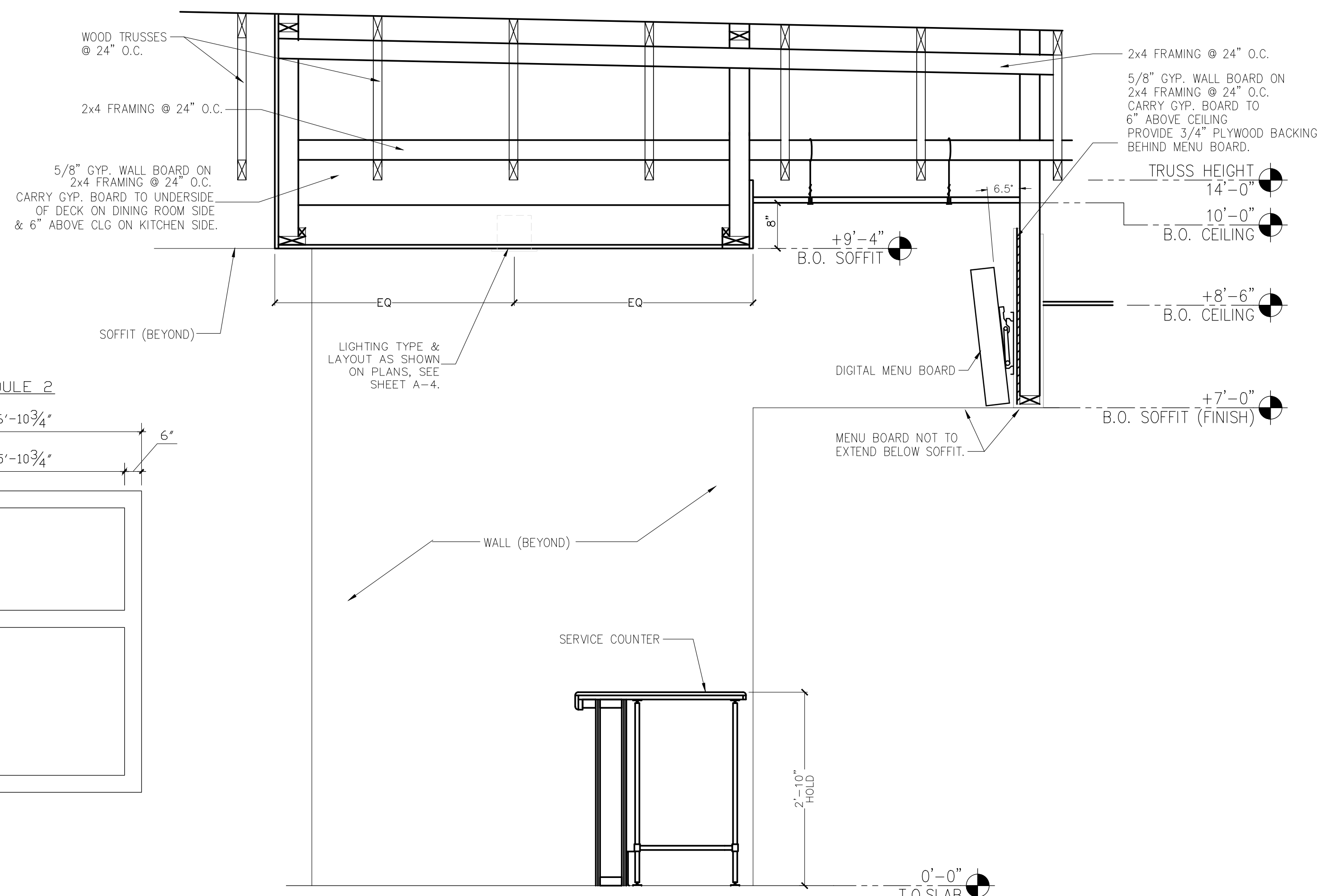


CLEAR COATED POPLAR WOOD
OR
1 1/2" MDF FINISHED WITH PL-16G
SANTA ROSA PLUM TREE
& PL-18G OPPOSITE FACE (EDGE MEB-1G)

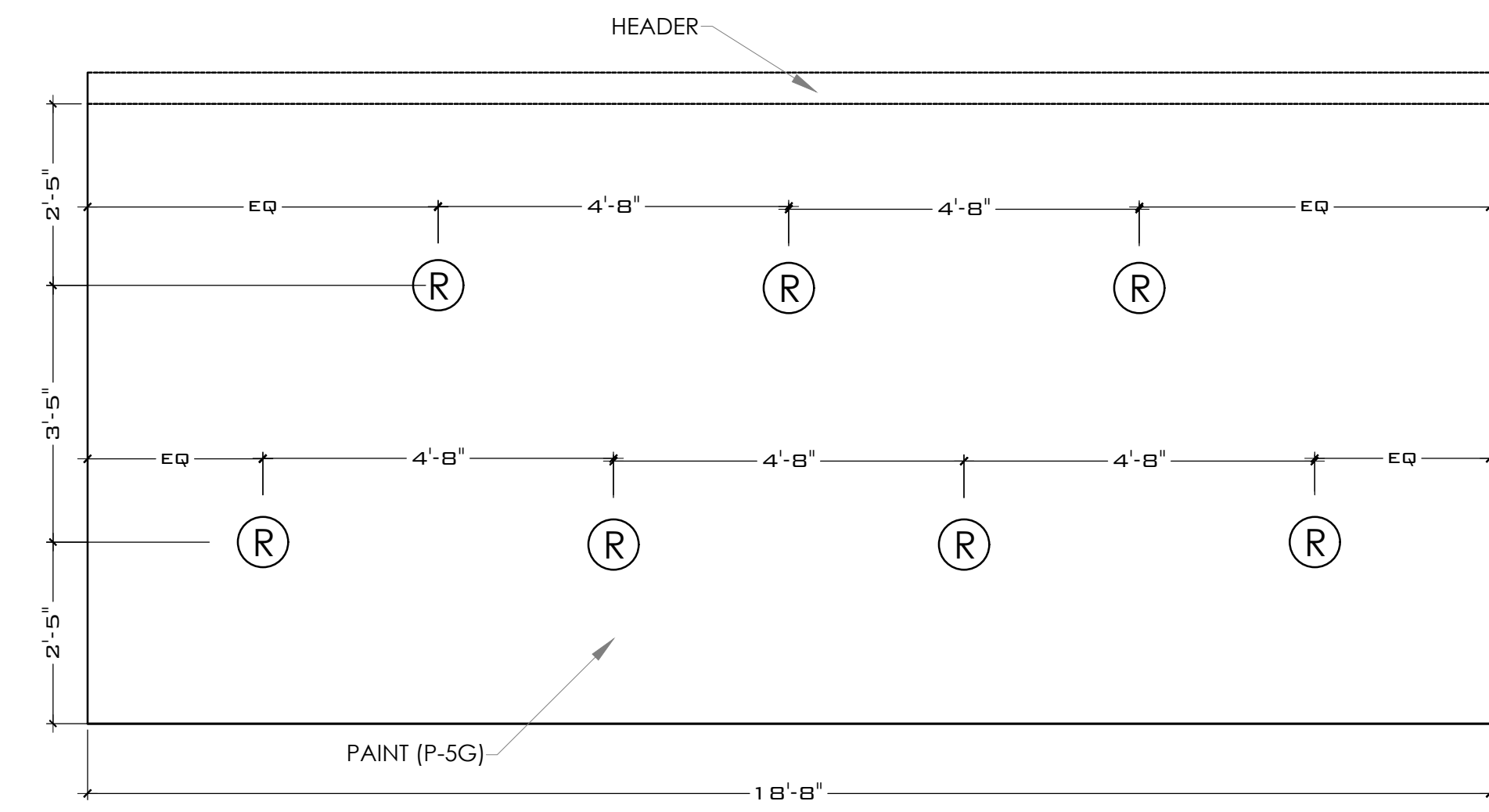
CLEAR COATED POPLAR WOOD & PL-18G ON OPPOSITE FACE
OR
1 1/2" MDF FINISHED WITH PL-16G SANTA ROSA PLUM TREE &
PL-18G OPPOSITE FACE (EDGE MEB-1G)

NOTE TO ENGINEERING: INTERIOR SLATS
OF SOFFIT TO BE SANDED SMOOTH
AND PAINTED THOROUGHLY.

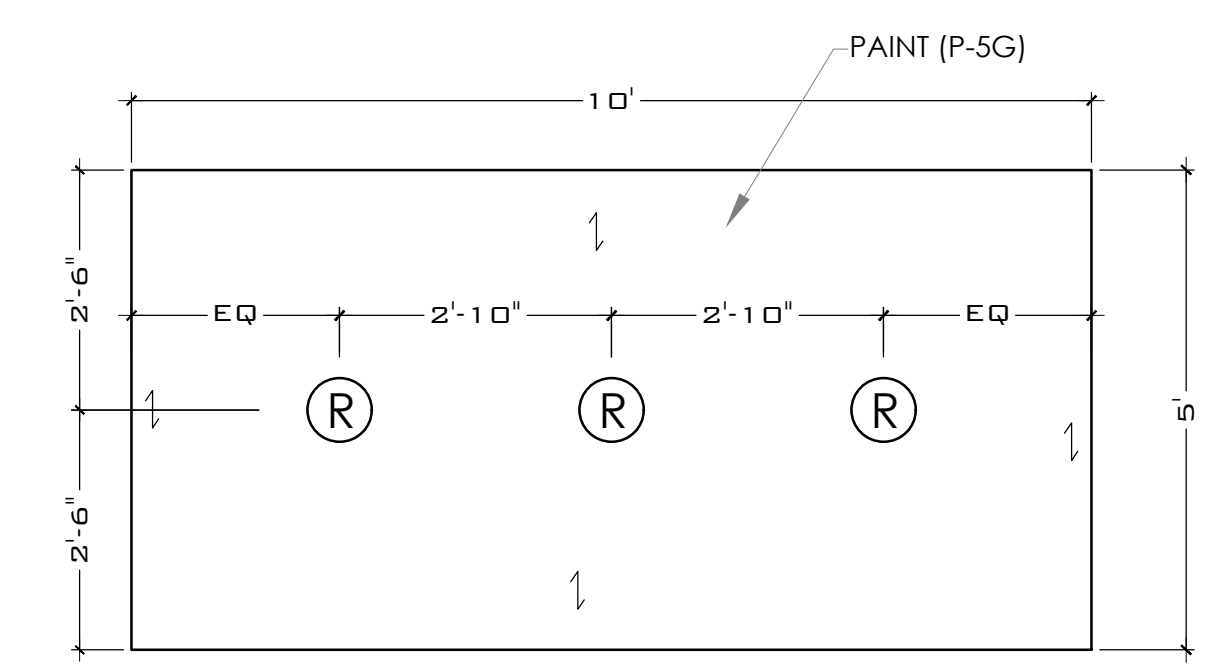
5 PERGOLA DETAIL
SCALE: 1/2"=1'-0"



7 MENU BOARD HEADER & FRONT
SERVICE COUNTER SOFFIT DETAIL
SCALE: 3/4" = 1'-0"

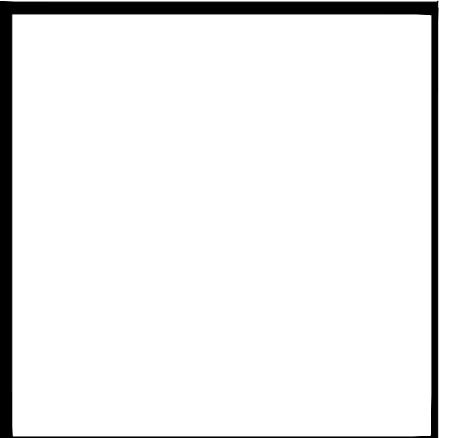
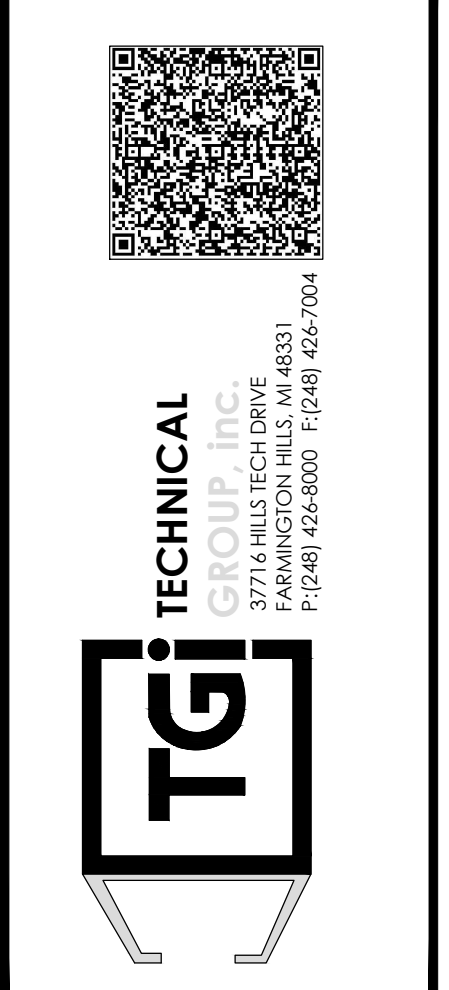
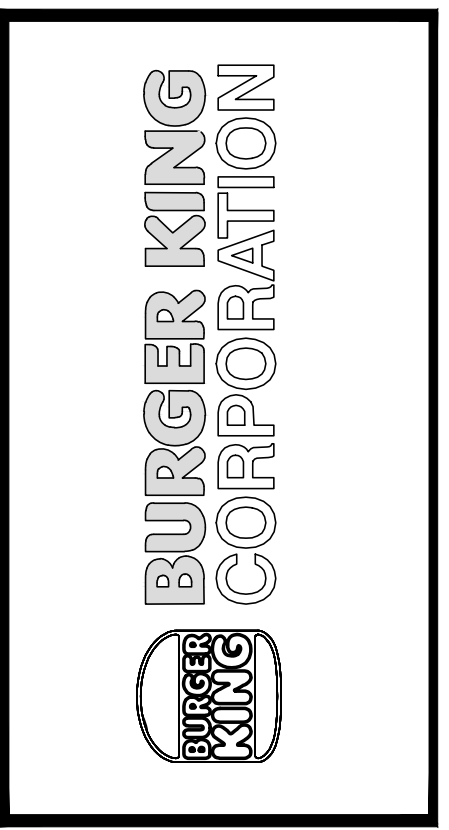


8 FRONT SERVICE COUNTER SOFFIT DETAIL
SCALE: 1/2" = 1'-0"

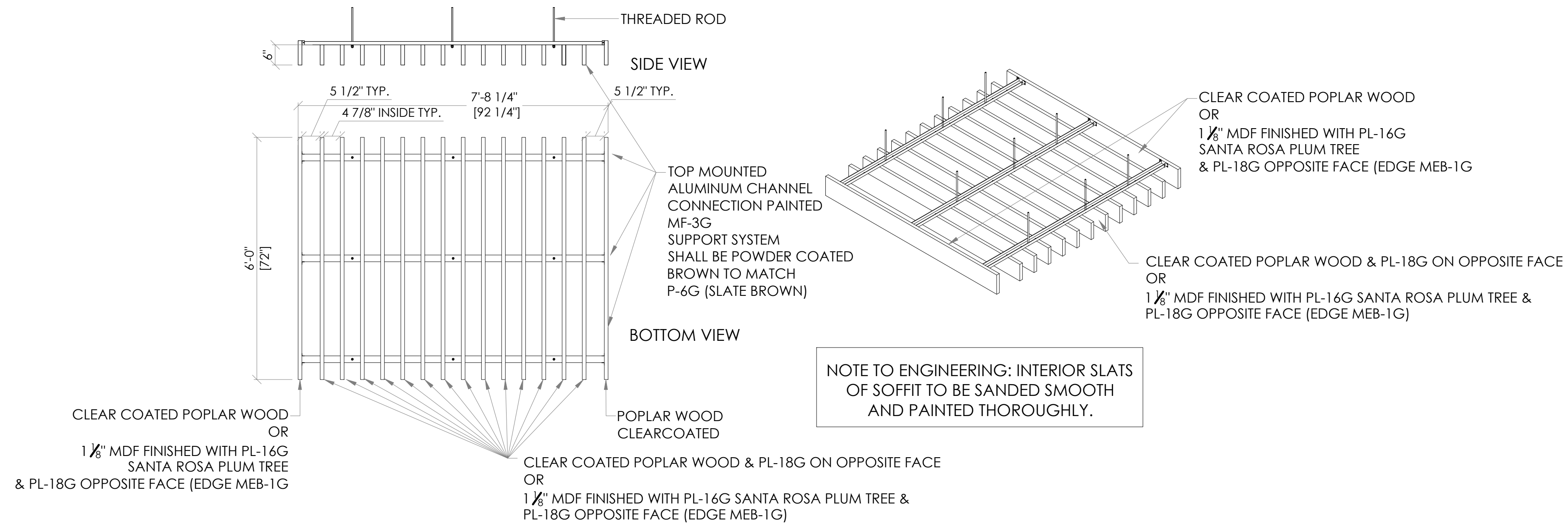


9 BEVERAGE STATION SOFFIT DETAIL
SCALE: 1/2" = 1'-0"

Notes	FOR SUBMITTAL TO CITY PLANNING
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Drawn By	CP
Checked	SB
Scale	AS NOTED
Date	---21

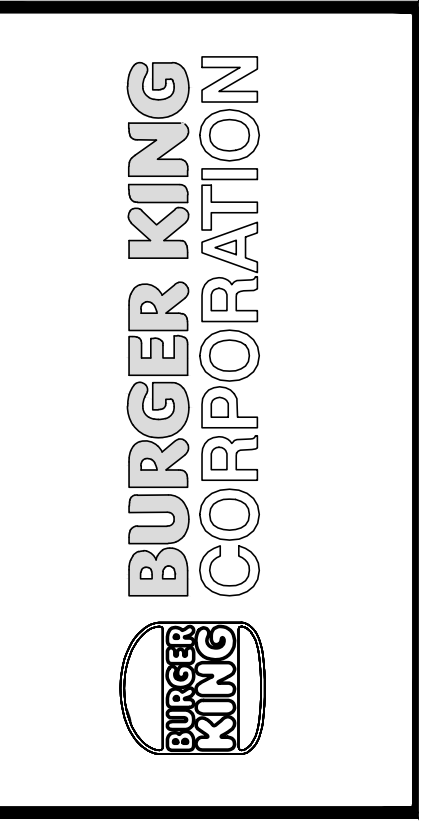


PROJECT	BURGER KING 1440 NAPPALEE ST. ELKHART, IN 46514
SHEET TITLE	REFLECTED CEILING DETAILS
DO NOT SCALE THIS PRINT, USE FIGURED DIMENSIONS ONLY.	
JOB #	TG-21668
SHEET	A-4.1



5 PERGOLA DETAIL
SCALE: 1/2" = 1'-0"

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Checked: SB							
Scale: AS NOTED							
Date: --:--21							



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PROJECT	BURGER KING 1440 NAFFANEE ST. ELKHART, IN 46514	SHEET TITLE	REFLECTED CEILING DETAILS
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.			
JOB #	TG-21668		
SHEET	A-4.2		

GENERAL ROOFING NOTES:

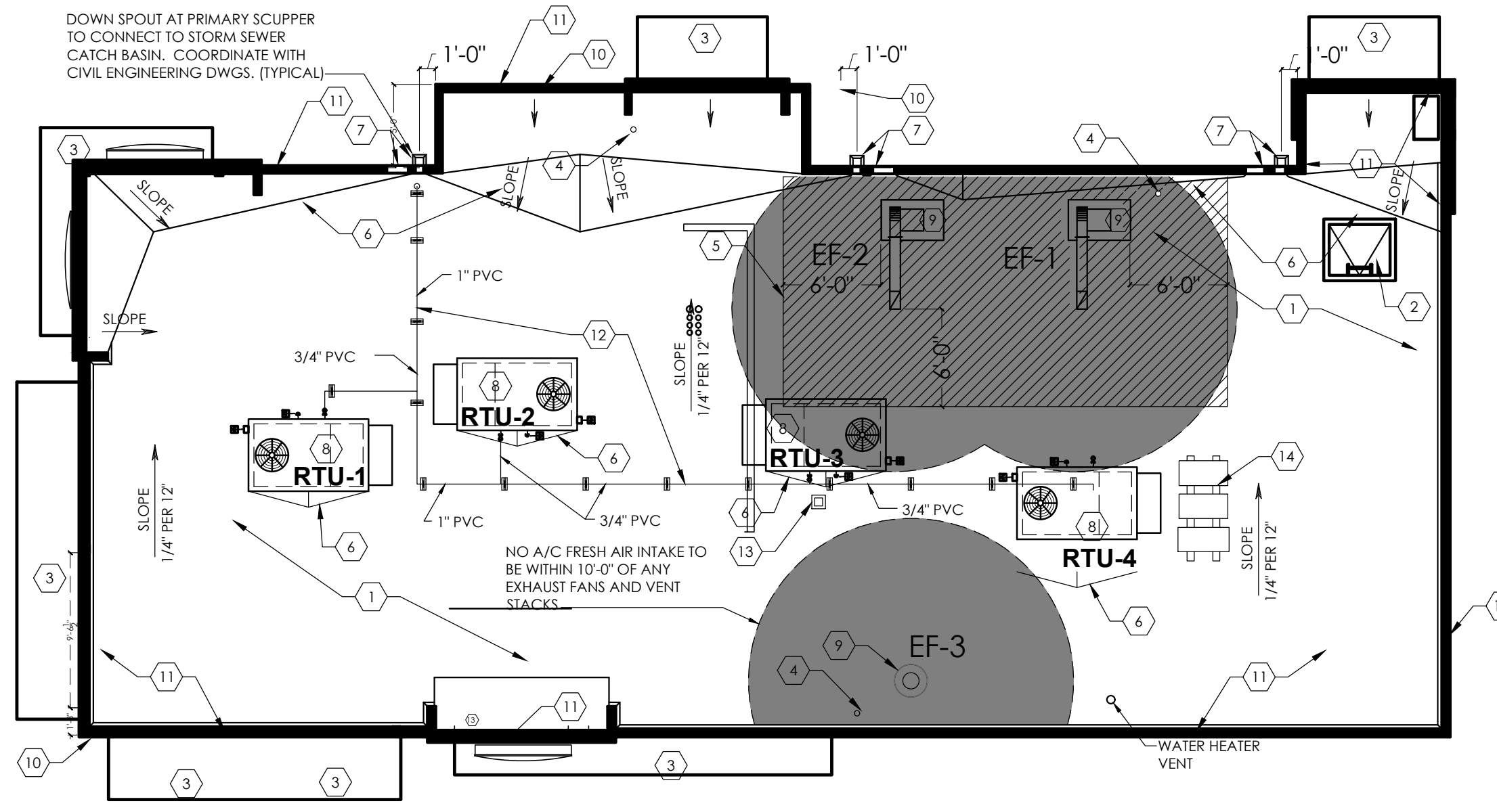
1. ROOFING SUBCONTRACTOR TO COORDINATE LOCATION OF H.V.A.C. UNITS AND ROOF TOP ACCESSORIES WITH STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR PLACEMENT AND TAPERED RIGID INSULATION BOARD LAY-OUT AND SUBSEQUENT INSTALLATION IN ORDER TO AVOID PONDING WATER CONDITIONS ATTRIBUTABLE TO BOARD LAY-OUT ISSUES.
2. ROOF SYSTEMS SPECIFIED SHALL BE APPLIED ONLY BY MANUFACTURER APPROVED APPLICATOR IN ORDER TO MEET GUARANTEE REQUIREMENTS.
3. COORDINATE LOCATION OF MECHANICAL UNITS WITH STRUCTURAL AND MECHANICAL DRAWINGS.
4. HVAC CONDENSATE LINES TO TERMINATE AT ROOF DRAIN OR AS REQUIRED BY LOCAL CODE.
5. REFER TO STRUCTURAL AND M-E-P DRAWINGS FOR ADDITIONAL INFORMATION.
6. ALL CURBS AND PIPE PENETRATIONS SHALL HAVE A MINIMUM OF 16" CLEAR FROM EACH OTHER FOR ROOF FLASHING PURPOSES. ALL HVAC MOUNTED EQUIPMENT (DISCONNECT BOXES, GFCL PIPE SUPPORTS) SHALL NOT BE CLOSER THAN 16" FROM EACH OTHER OR CURB. NO UNSTRUT PIPE SUPPORTS SHALL BE USED AS VERTICAL MEMBERS FOR MOUNTING EQUIPMENT TO ROOF SURFACE.
7. PONDING WATER IS DEFINED AS WATER THAT DOES NOT DRAIN OR DISSIPATE FROM THE ROOF WITHIN 48 HOURS AFTER PRECIPITATION.
8. CONTRACTOR SHALL "SUGAR-IN" ALL ASPHALT. BLEED-OUT ON PLYS WITH ADDITIONAL GRANULES TO MATCH EXISTING COLORATION OF THE MINERAL SURFACE CAP SHEET.
9. ALL FLASHING CEMENTS, ASPHALTS, PRODUCTS AND ACCESSORIES SHALL BE APPROVED BY ROOFING MANUFACTURER WITH THE MANUFACTURER'S BRAND. ALL ASPHALTS SHALL BE AMERICAN MANUFACTURED PRODUCTS.

KEYED NOTES:

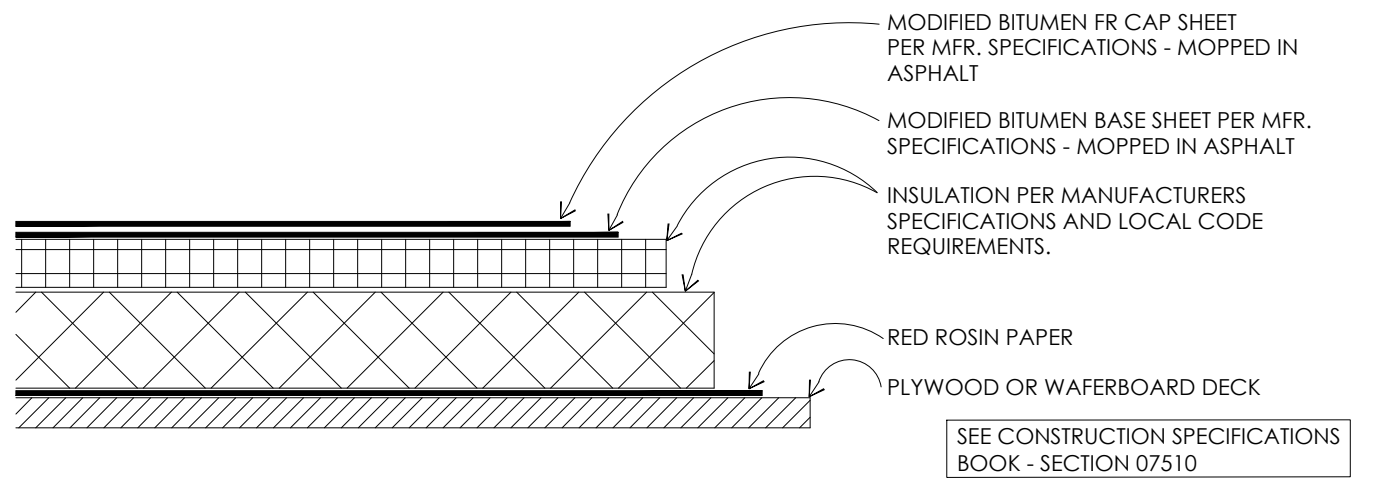
1. TWO-PLY MODIFIED BITUMEN MEMBRANE W/GLASS FIBER REINFORCEMENT. BOTTOM PLY SHALL BE UNSURFACED, TOP PLY SHALL HAVE WHITE MINERAL SURFACE.
2. ROOF ACCESS SCUTTLE. REFERENCE DETAIL, THIS SHEET.
3. PREFABRICATED METAL CANOPY. REFERENCE SHEETS A-7, A-8.
4. VENT THROUGH ROOF - PROVIDE PREFABRICATED DURO-LAST VENT FLASHING FOR ALL VENTS AND PIPE PENETRATIONS. REFERENCE DETAIL #6, THIS SHEET.
5. INSTALL MODIFIED BITUMEN SACRIFICE SHEET AS SPECIFIED AT KITCHEN EXHAUST.
6. ROOF CRICKET WITH SLOPE TO MATCH ROOF. REFER TO DETAIL #3, THIS SHEET.
7. ROOF DRAIN AND OVERFLOW ROOF SCUPPERS - REFER TO DETAILS #4 AND #7 THIS SHEET.
8. ROOFTOP AIR CONDITIONING UNIT - REFER TO MECHANICAL PLANS.
9. EXHAUST FAN - REFER TO MECHANICAL PLANS
10. ILLUMINATED PARAPET LIGHT BAND.
11. METAL COPING.
12. PVC CONDENSATE DRAIN (SIZE AS SHOWN) WITH PIPE SUPPORTS EVERY 5'-0". TERMINATE CONDENSATE DRAIN AT PRIMARY SCUPPER. REFER TO DETAIL #9, THIS SHEET FOR ADDITIONAL INFORMATION.
13. PROVIDE PITCH PAN WITH CONDUIT OVER OFFICE FOR SATELLITE DISH/ANTENNA.
14. EQUIPMENT STAND FOR WALK-IN BOX COOLER/FREEZER CONDENSERS AND ICE MACHINE CONDENSER. REFER TO EQUIPMENT STAND DETAIL #8, THIS SHEET.

GENERAL NOTES:

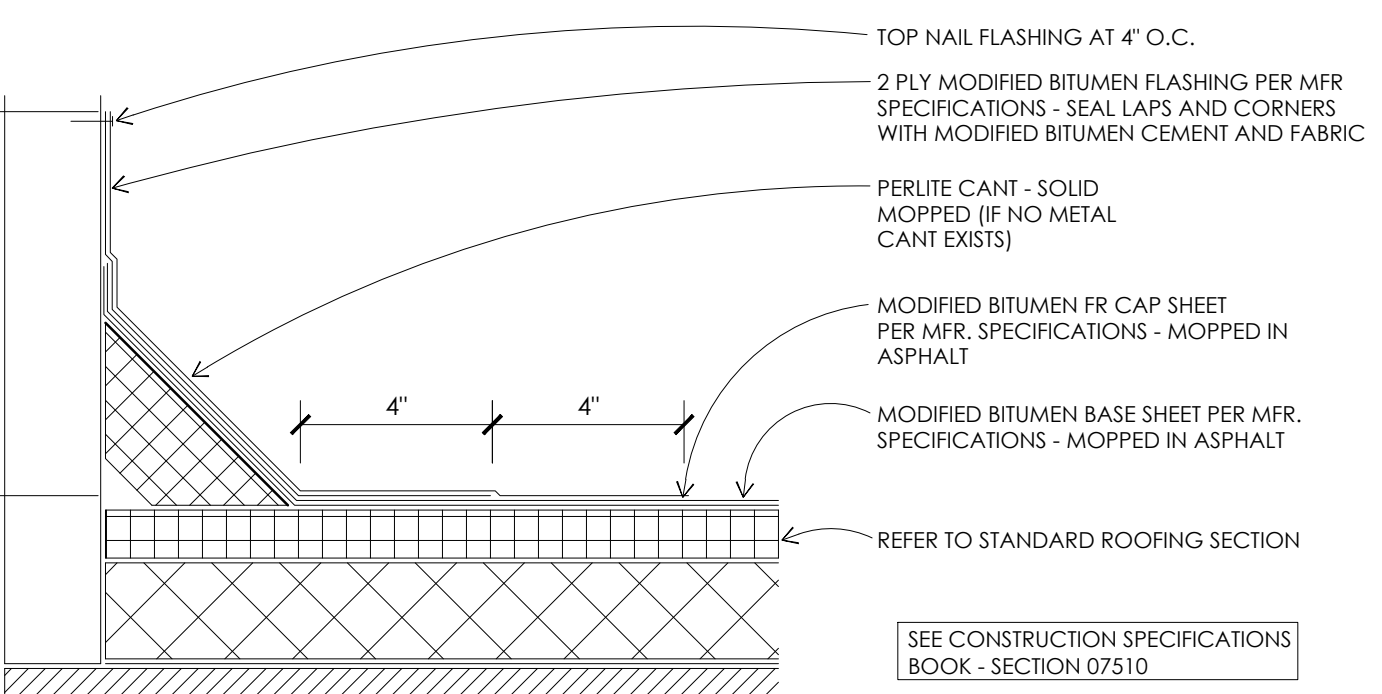
- A. THE ROOF STRUCTURE SHALL NOT BE USED FOR STOCKPILING OF EQUIPMENT OR MATERIALS UNLESS APPROVED BY THE ARCHITECT, STRUCTURAL ENGINEER AND THE JOIST MANUFACTURER.
- B. THE ROOFING SYSTEM SHALL BE AS PER DRAWINGS AND PER MANUFACTURER'S SPECIFICATIONS.
- C. COORDINATE ROOF ELEVATIONS WITH STRUCTURAL DRAWINGS. REFER TO SPECIFICATION SHEET FOR ROOF RELATED ITEMS, INCLUDING GUARANTEES, CURBS, FLASHING, ETC.



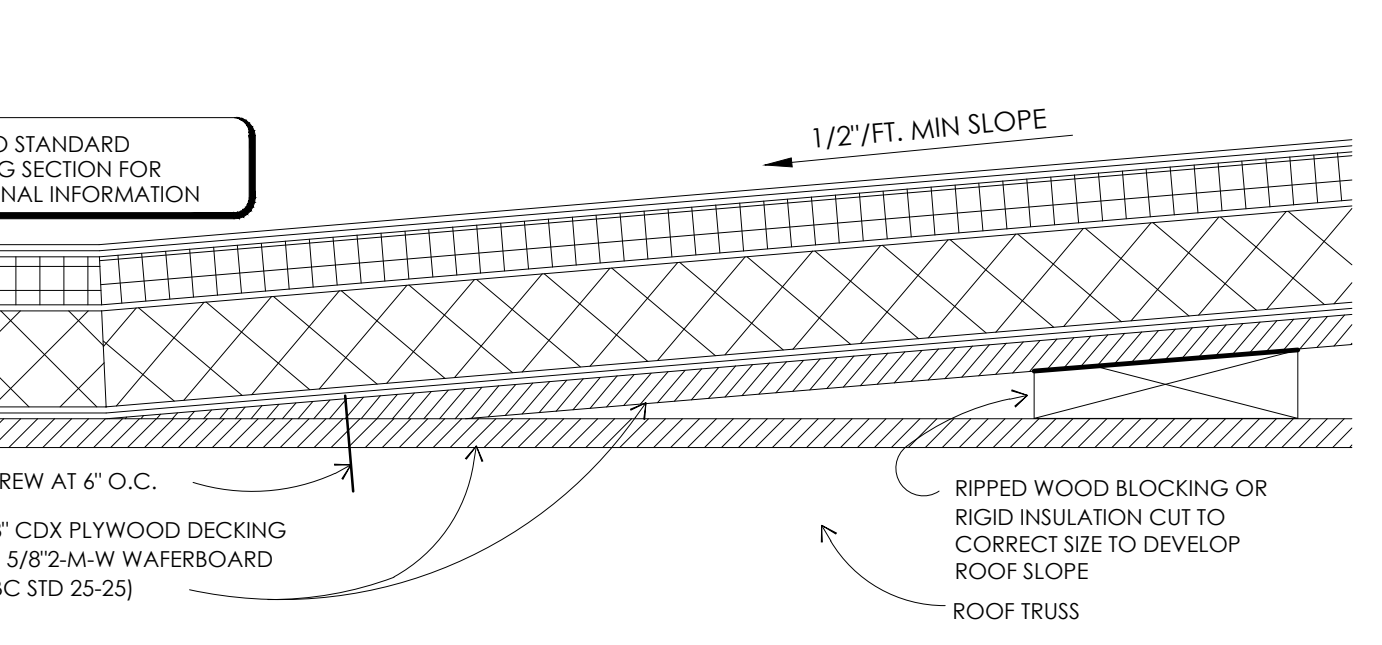
A ROOF PLAN
SCALE: 1/8" - 1'-0"



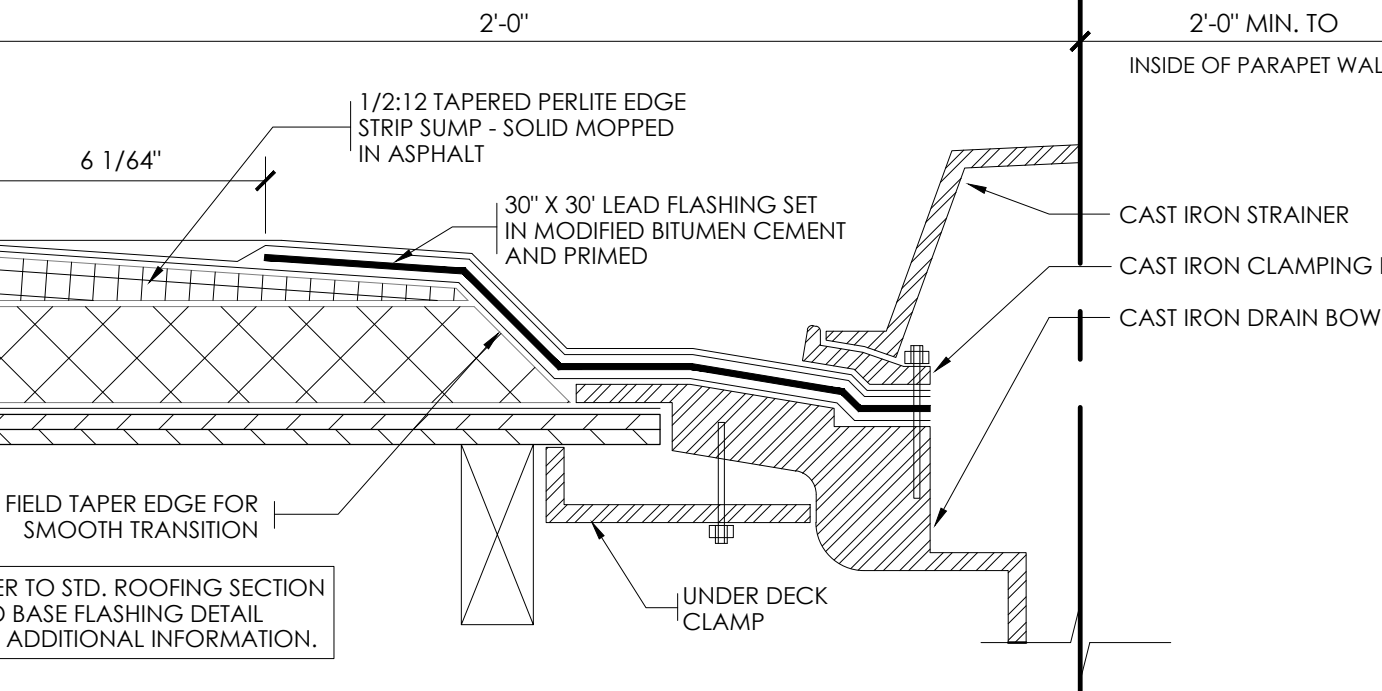
1 STANDARD ROOFING SECTION
SCALE: 3" - 1'-0"



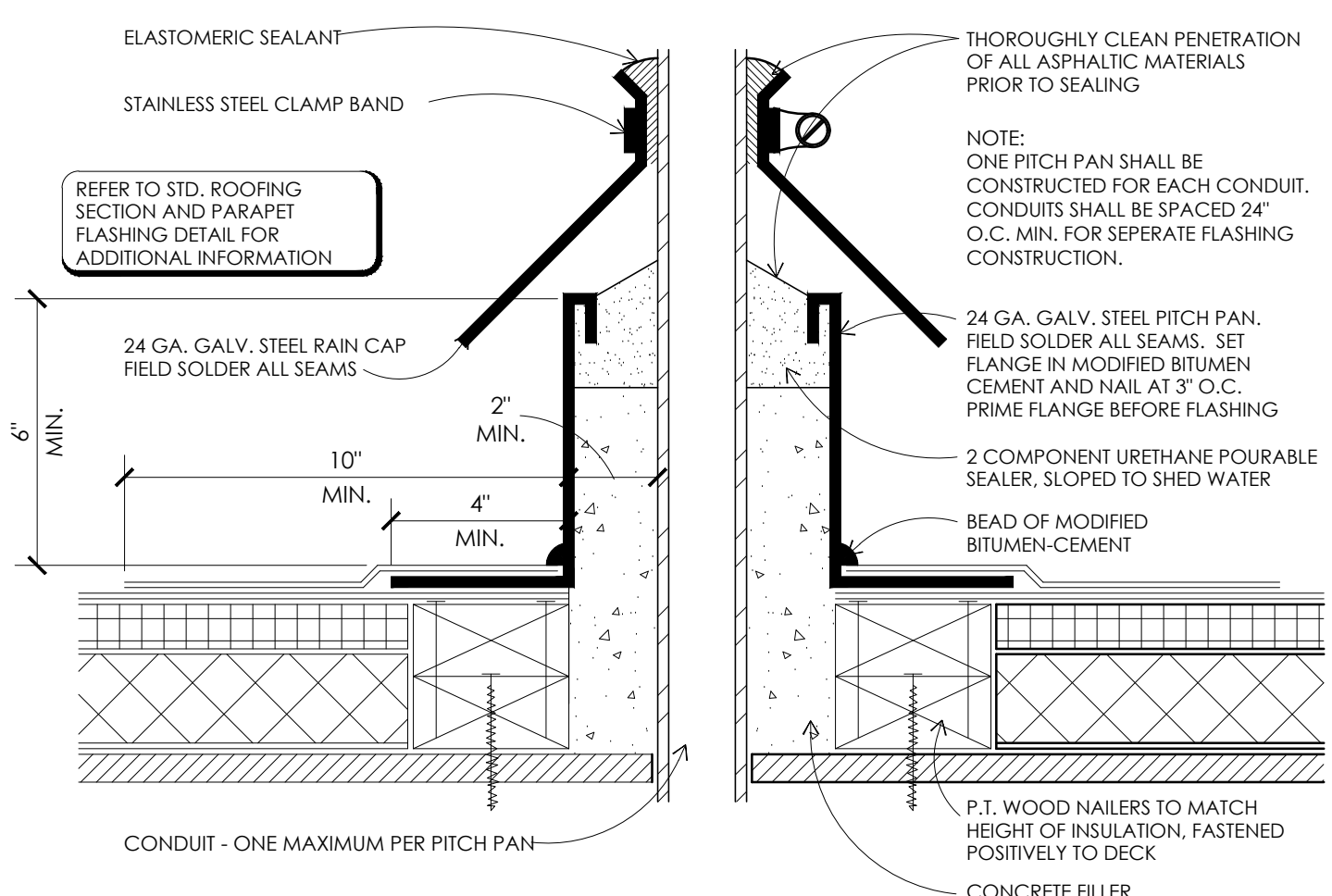
2 STANDARD BASE FLASHING CONFIGURATION
SCALE: 3" - 1'-0"



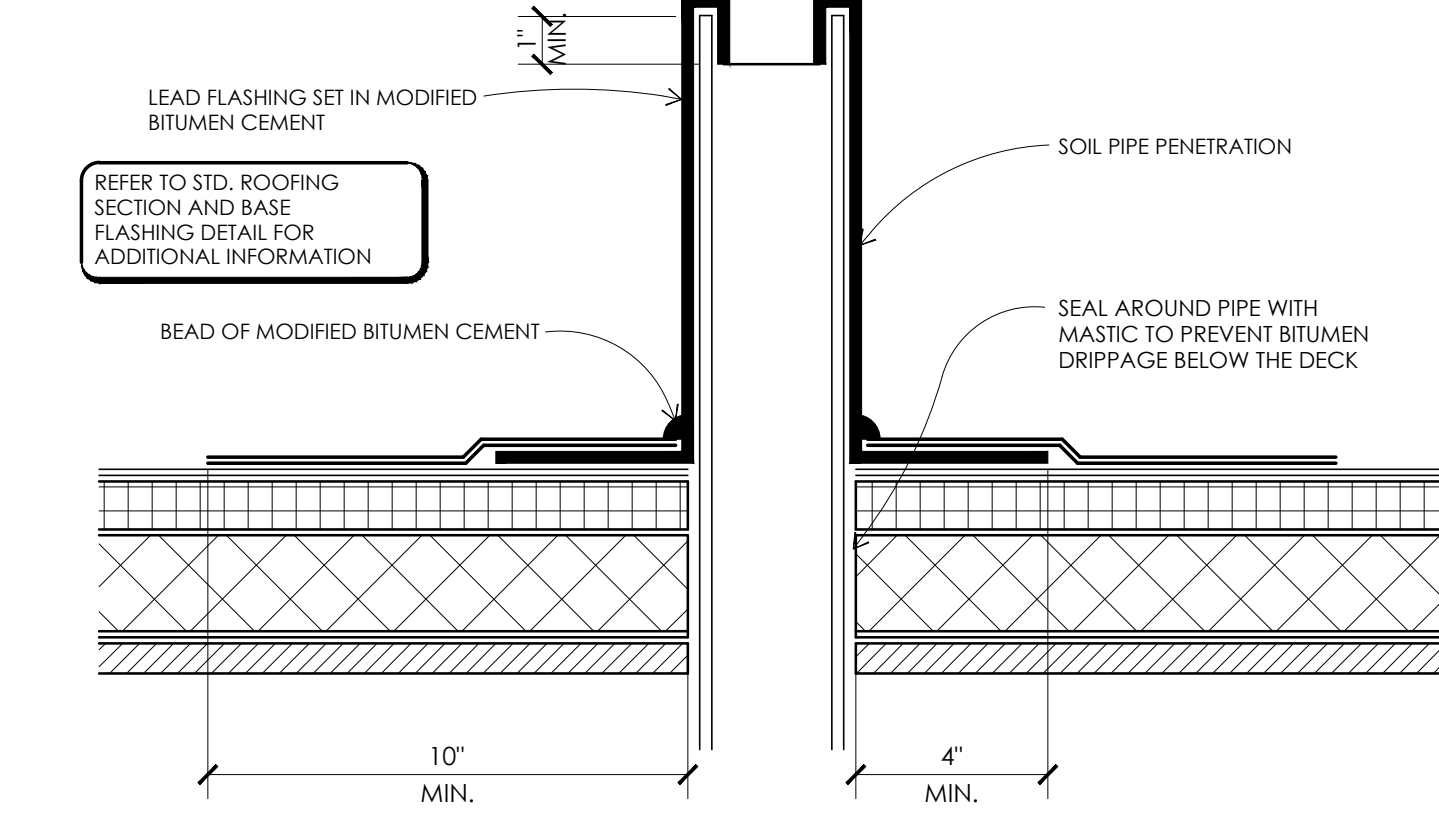
3 TYPICAL CRICKET DETAIL
SCALE: 3" - 1'-0"



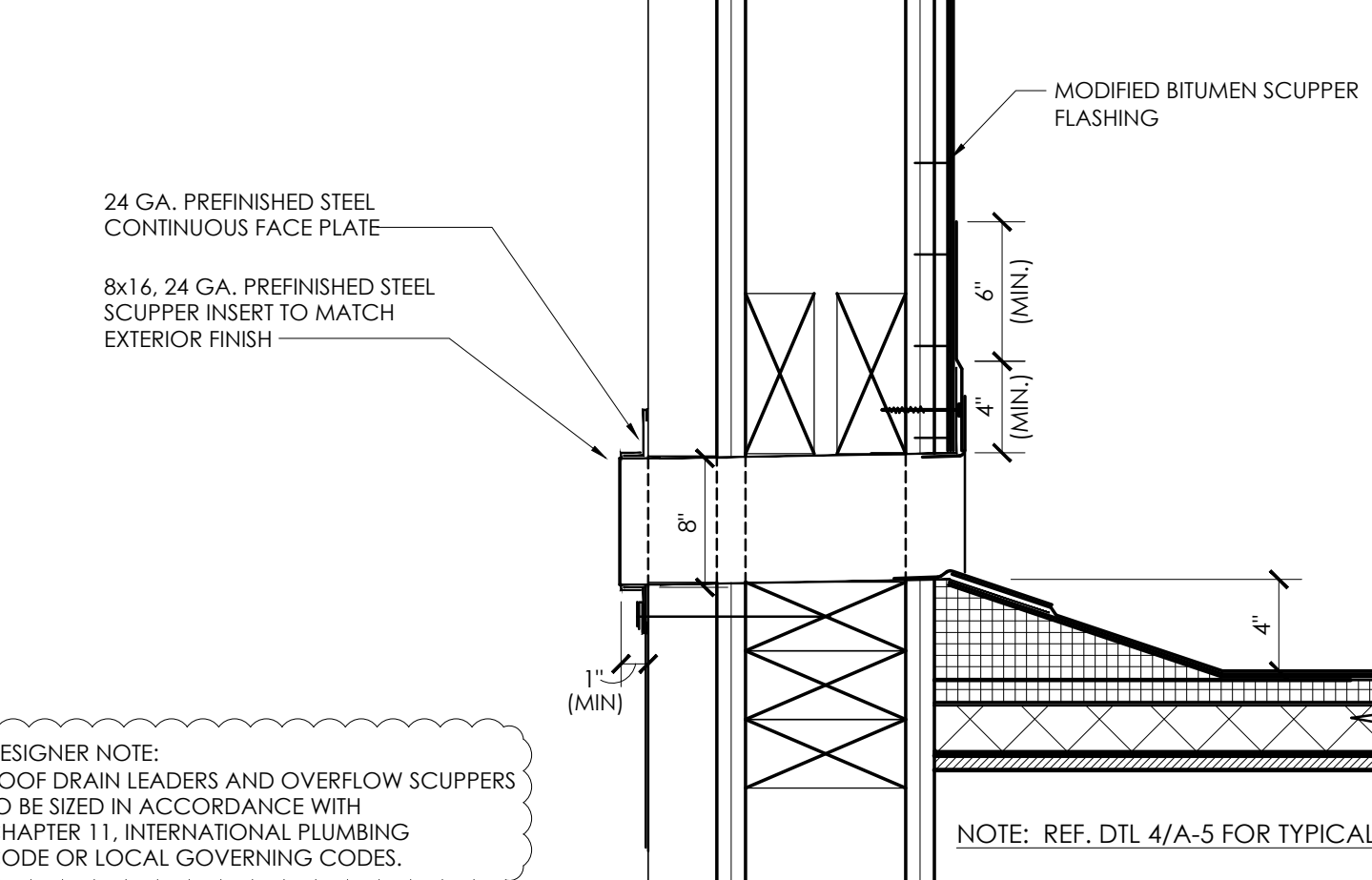
4 ROOF DRAIN DETAIL
SCALE: 3" - 1'-0"



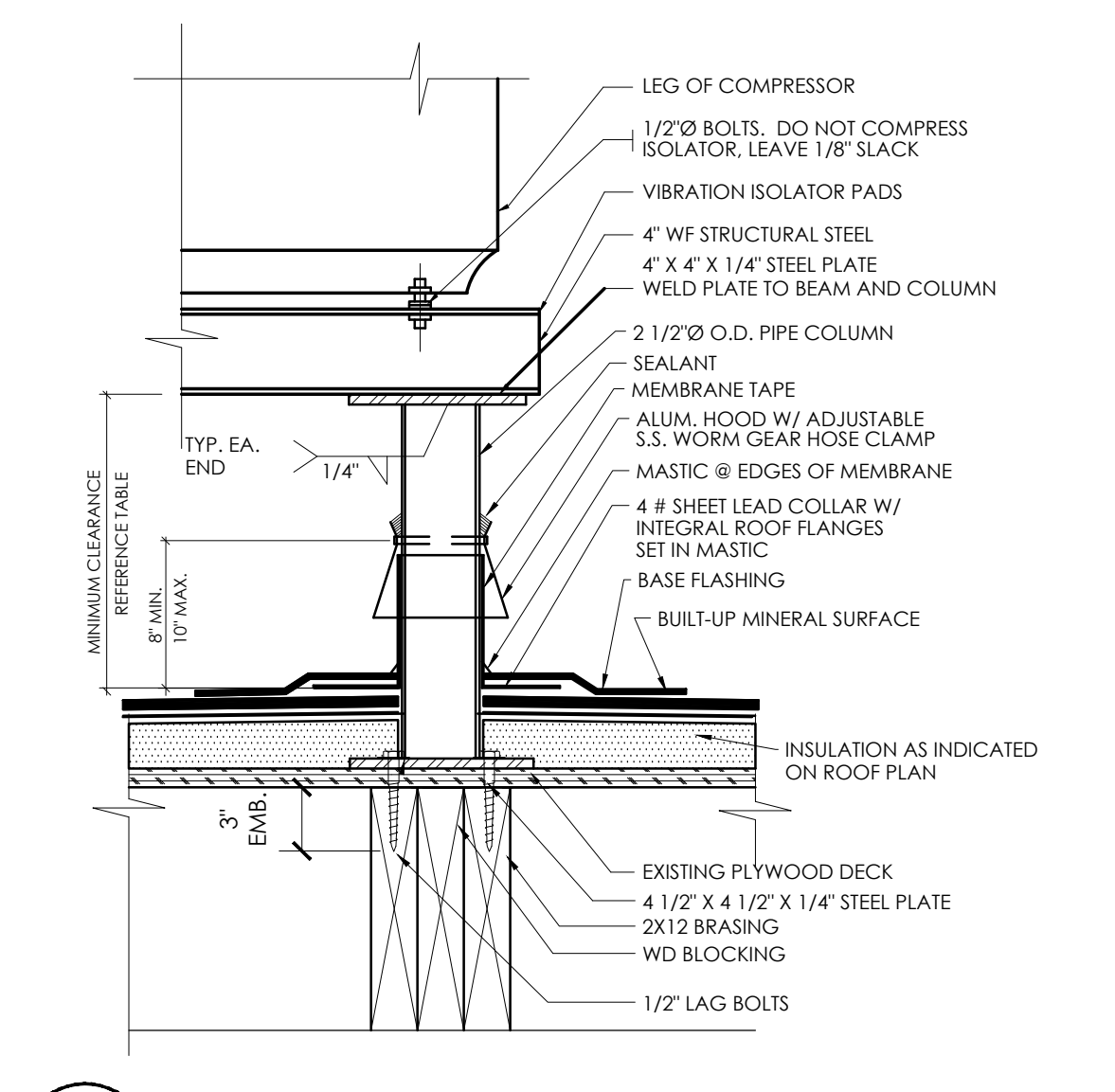
5 PITCH PLAN DETAIL
SCALE: 3" - 1'-0"



6 SOIL PIPE FLASHING DETAIL
SCALE: 3" - 1'-0"



7 OVERFLOW SCUPPER DETAIL
SCALE: 3" - 1'-0"

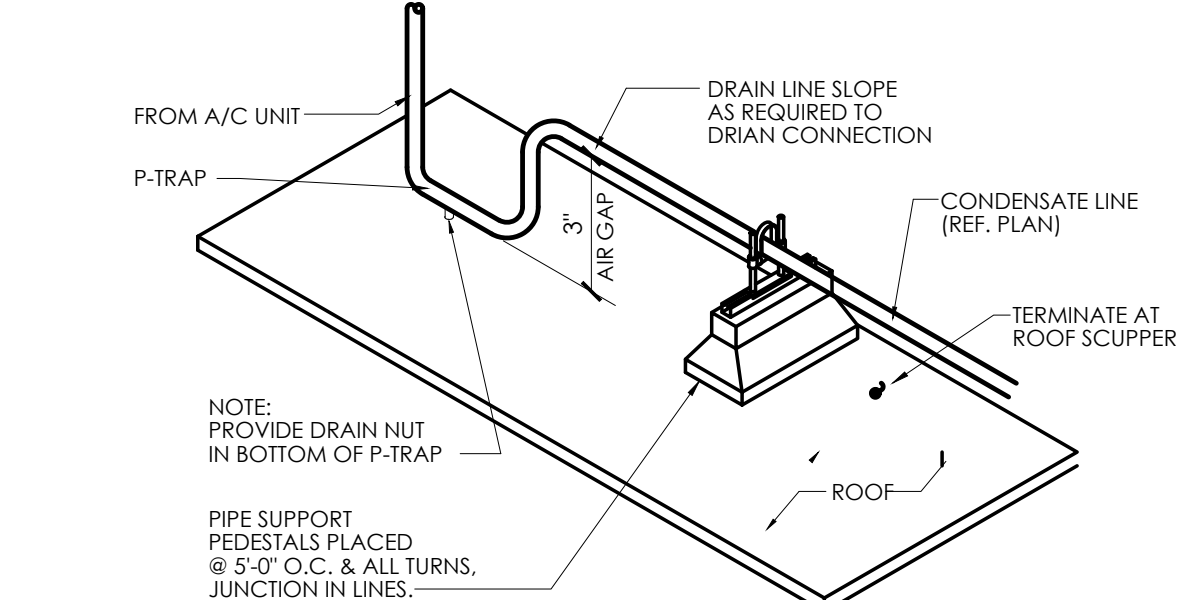


8 EQUIPMENT STAND DETAIL
SCALE: 3" - 1'-0"

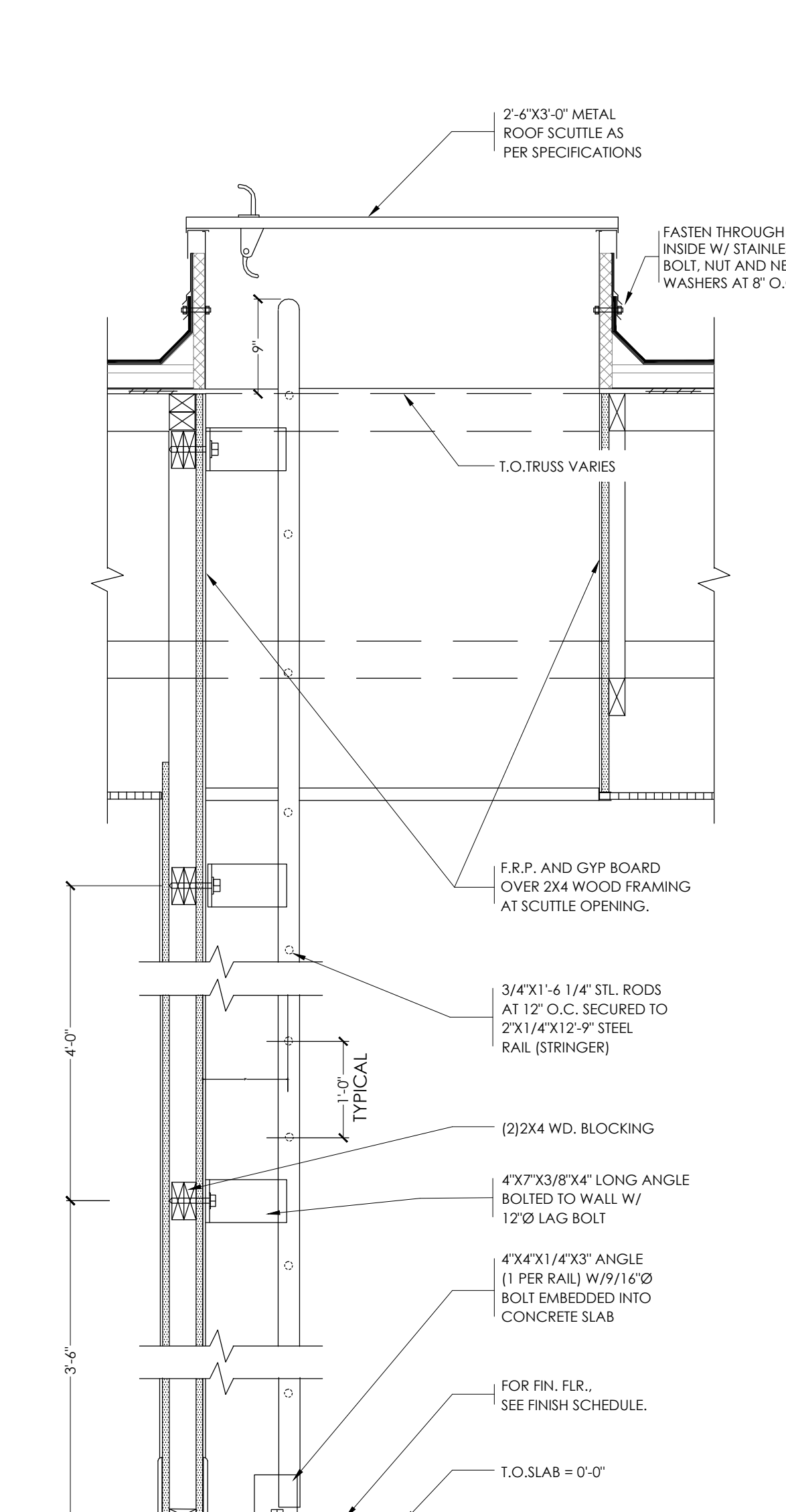
VERIFY W/ EQUIPMENT SUPPLIER IF IN CONTRACT.

CLEARANCE BELOW RAISED ROOF MOUNTED MECHANICAL UNITS (INCHES)

WIDTH OF UNIT	MINIMUM CLEARANCE ABOVE ROOF SURFACE
< 24	14
24 < 36	18
36 < 48	24
48 < 60	30
> 60	48



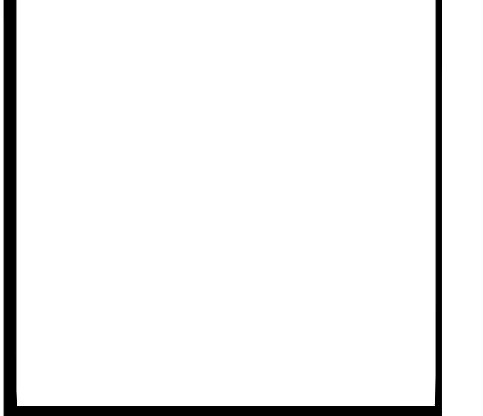
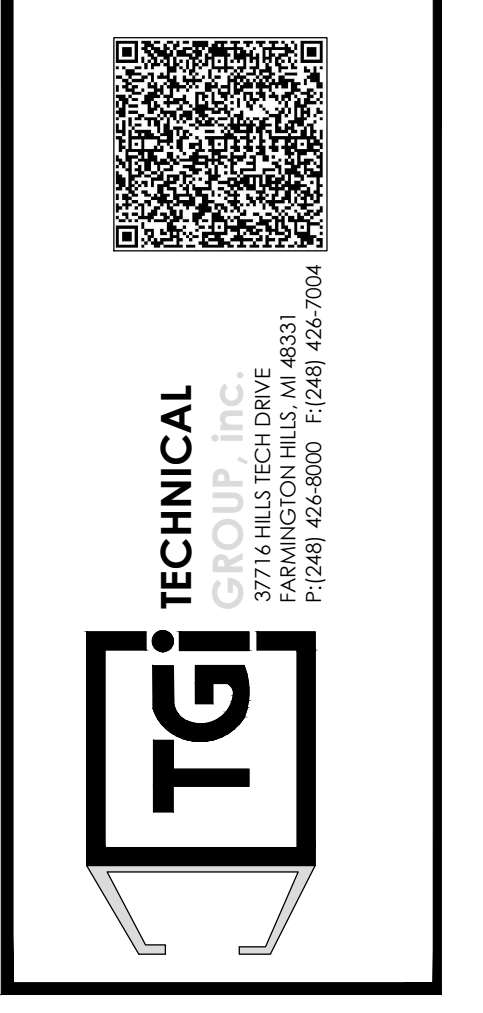
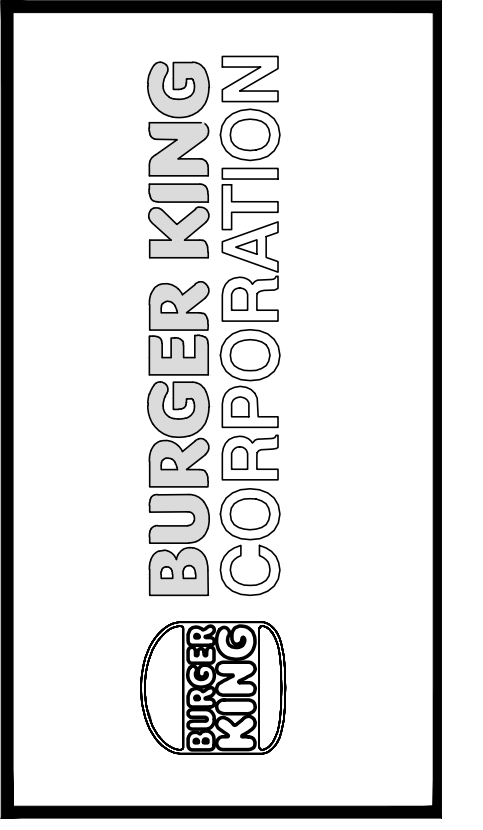
9 CONDENSATE LINE SUPPORT DETAIL
SCALE: 3" - 1'-0"



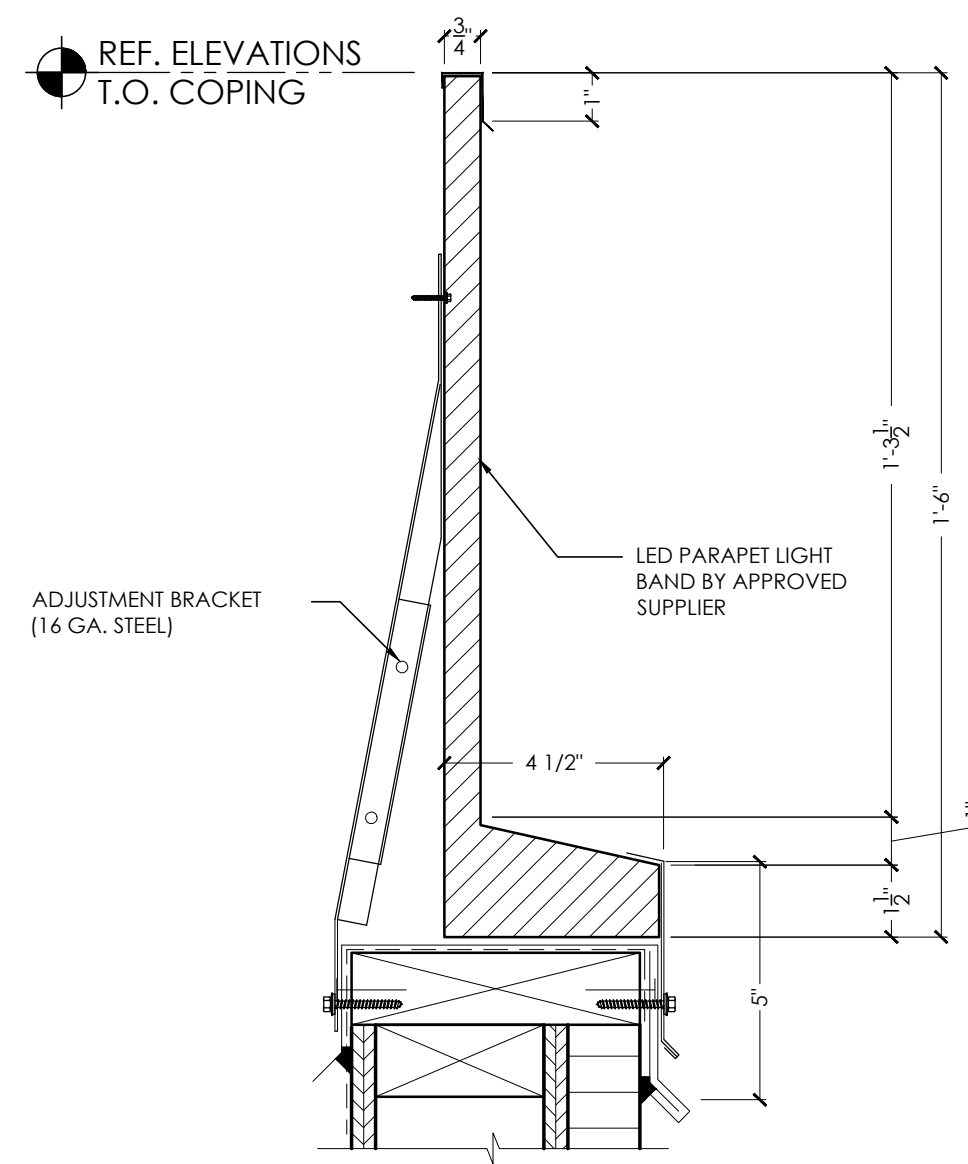
10 ROOF SCUTTLE DETAIL
SCALE: 3/4" - 1'-0"

No.	Date	By	Notes
1		DB	FOR SUBMITTAL TO CITY PLANNING

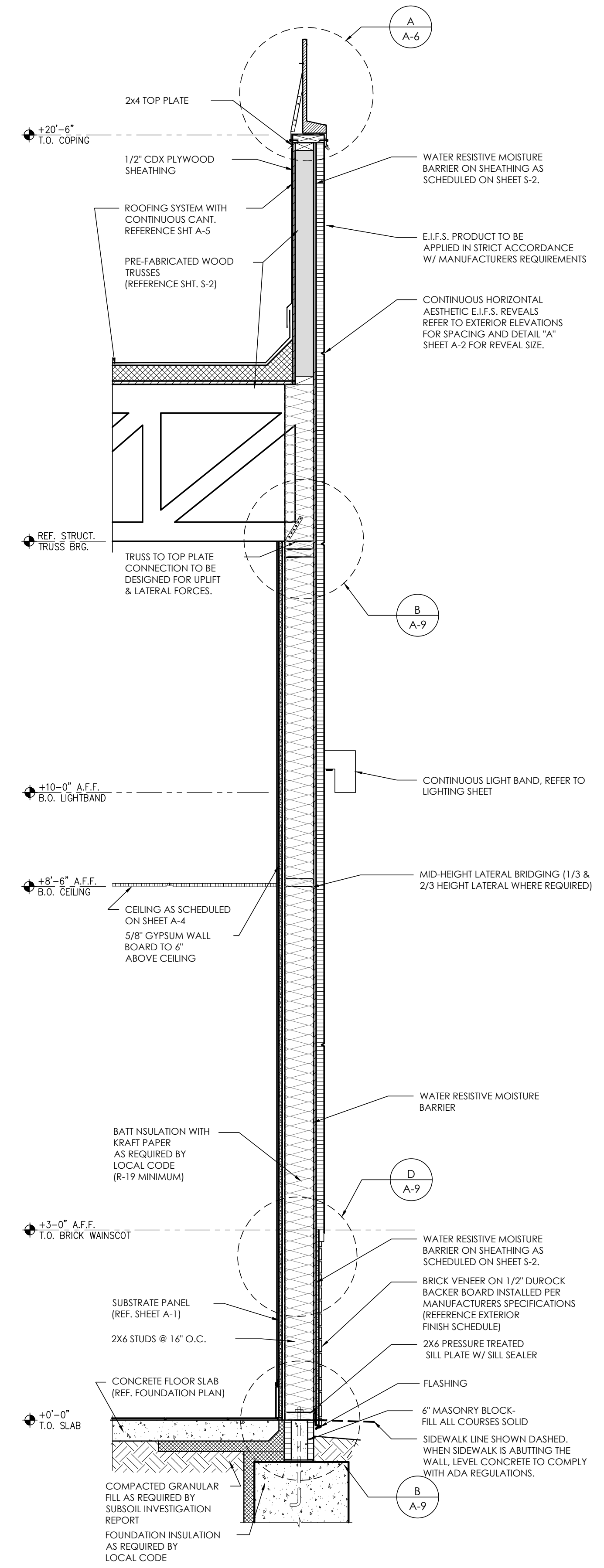
Drawn By: CP
Checked: SB
Scale: AS NOTED
Date: --:--21



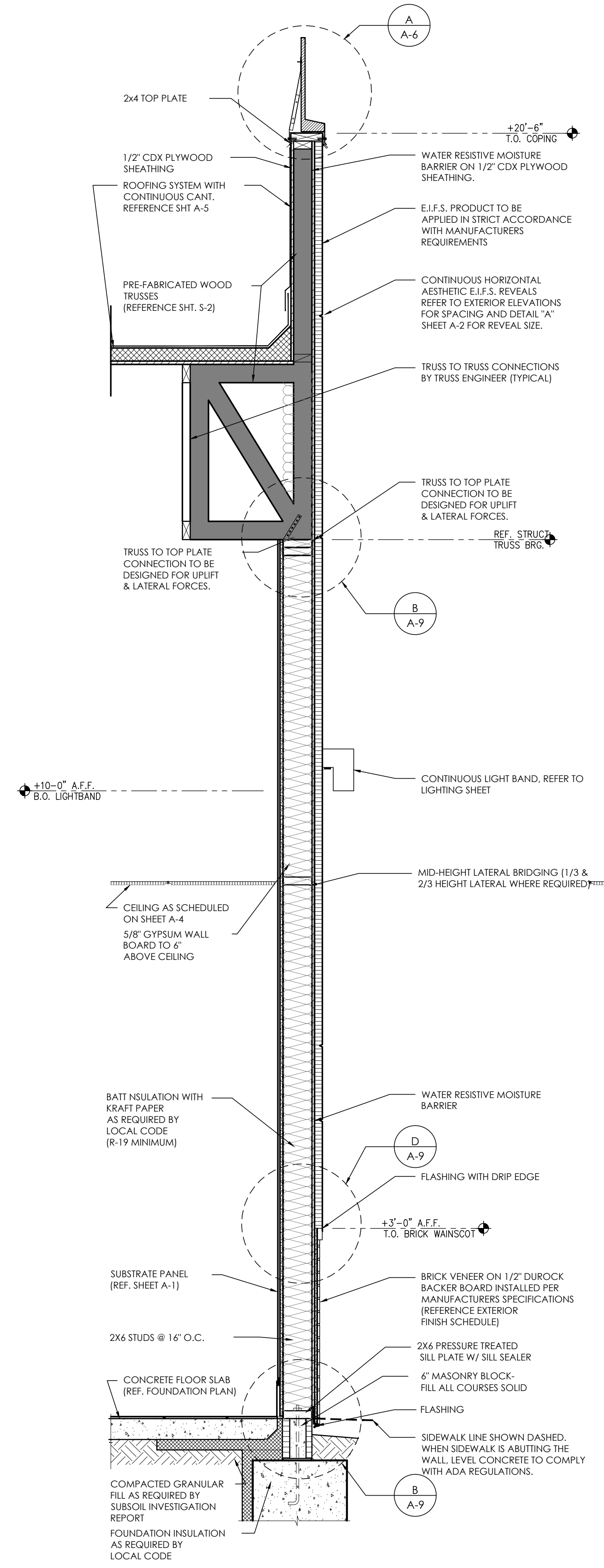
PROJECT	BURGER KING 1440 NAPPAHNEE ST. ELMHART, IN 46514
SHEET TITLE	ROOF PLAN & DETAILS
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.	
JOB #	TG-21668
SHEET	A-5



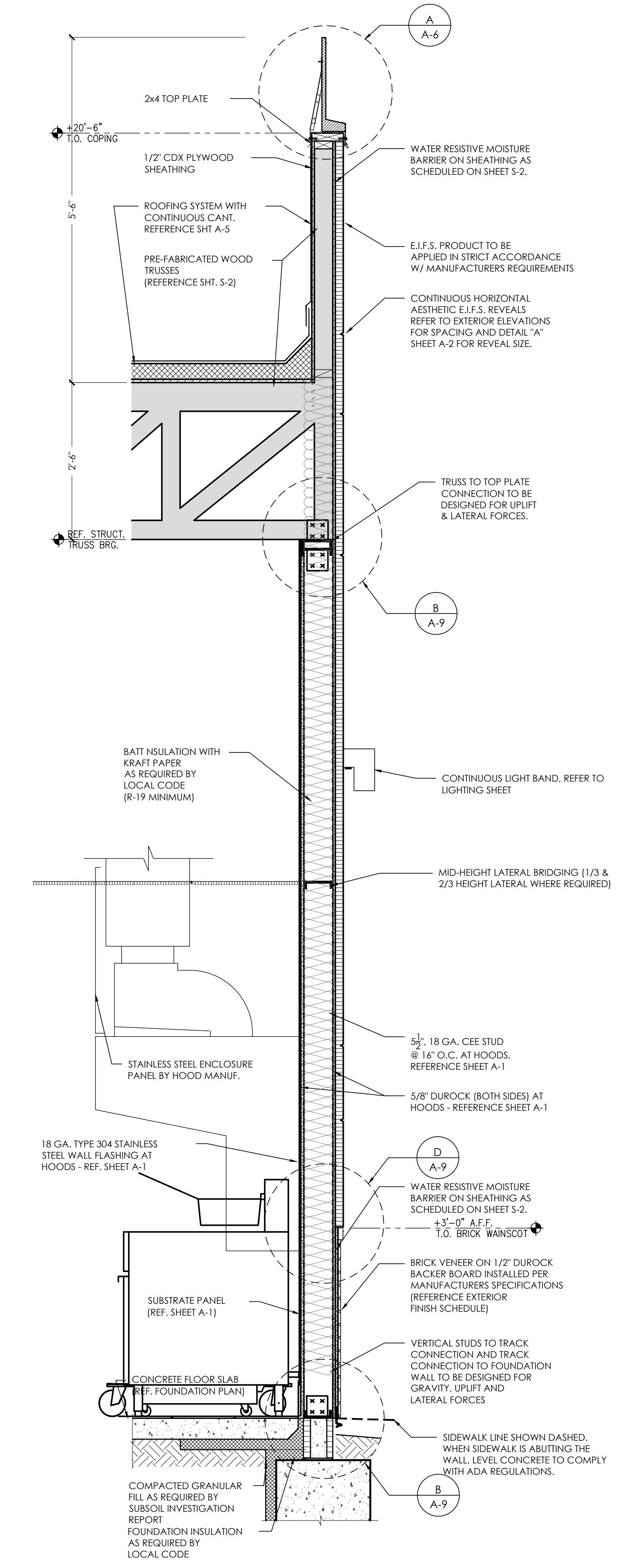
A PARAPET LIGHT BAND DETAIL
SCALE: 3' - 1'-0"



1 KITCHEN SIDE WALL
SCALE: 3 / 4" - 1'-0"



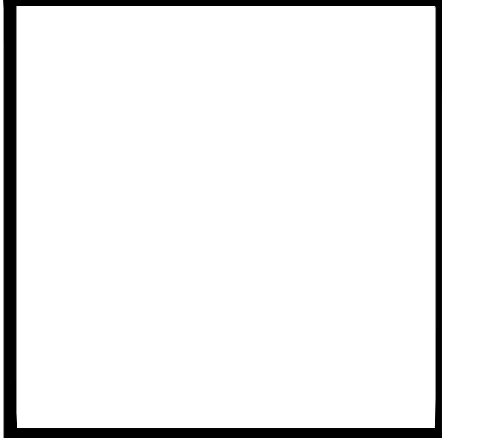
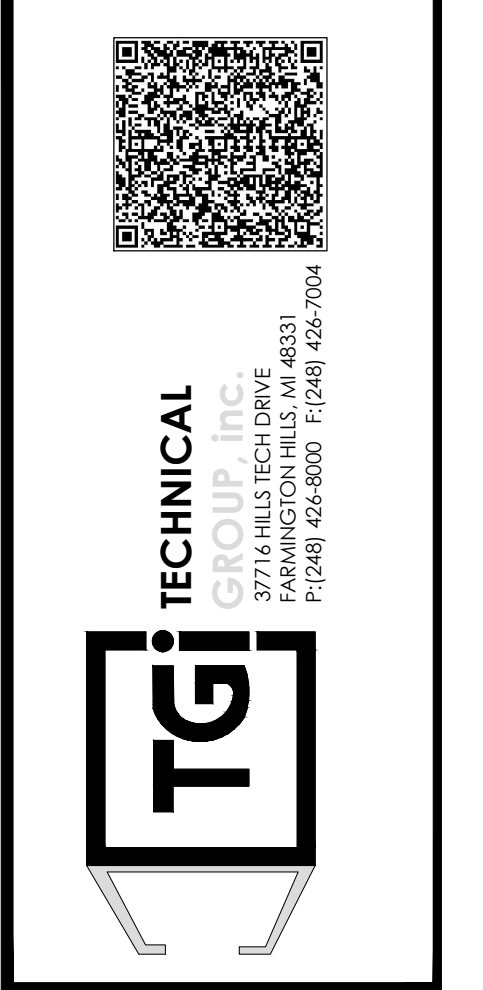
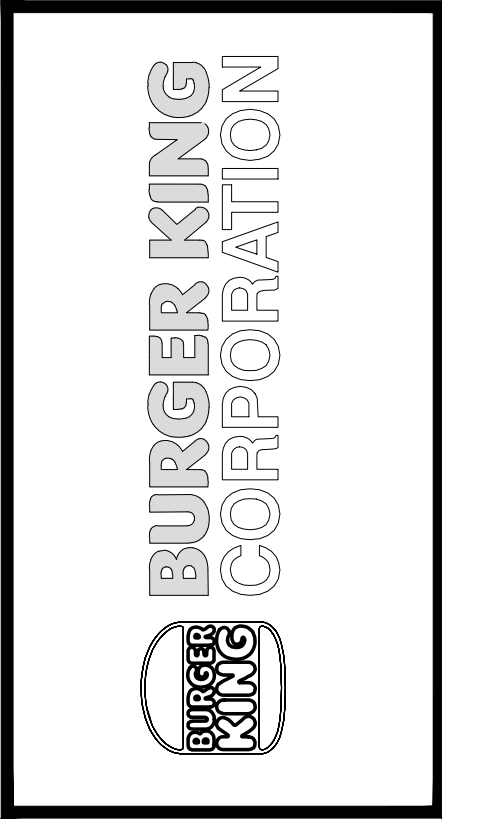
2 REAR KITCHEN WALL
SCALE: 3 / 4" - 1'-0"



3 KITCHEN HOOD WALL
SCALE: 3 / 4" - 1'-0"

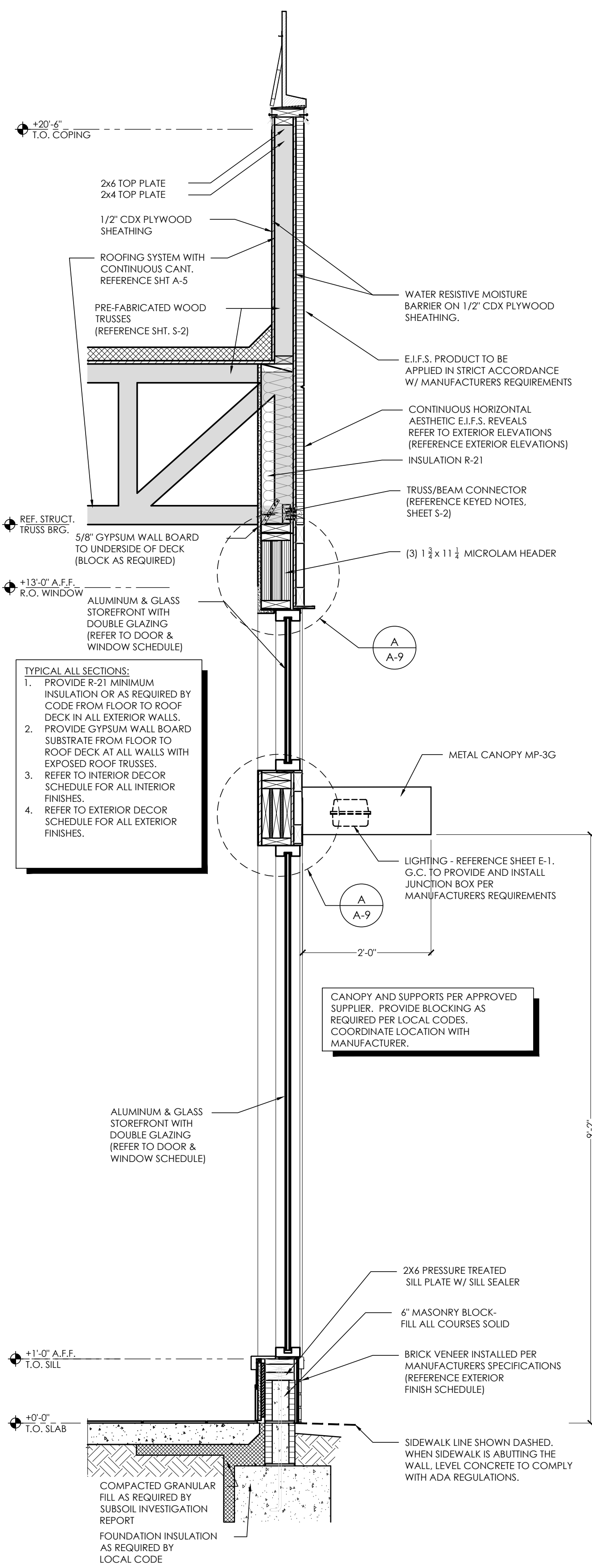
NO.	DATE	BY	REVISION
1		DB	FOR SUBMITTAL TO CITY PLANNING

Drawn By: CP
Checked: SB
Scale: AS NOTED
Date: --:--21

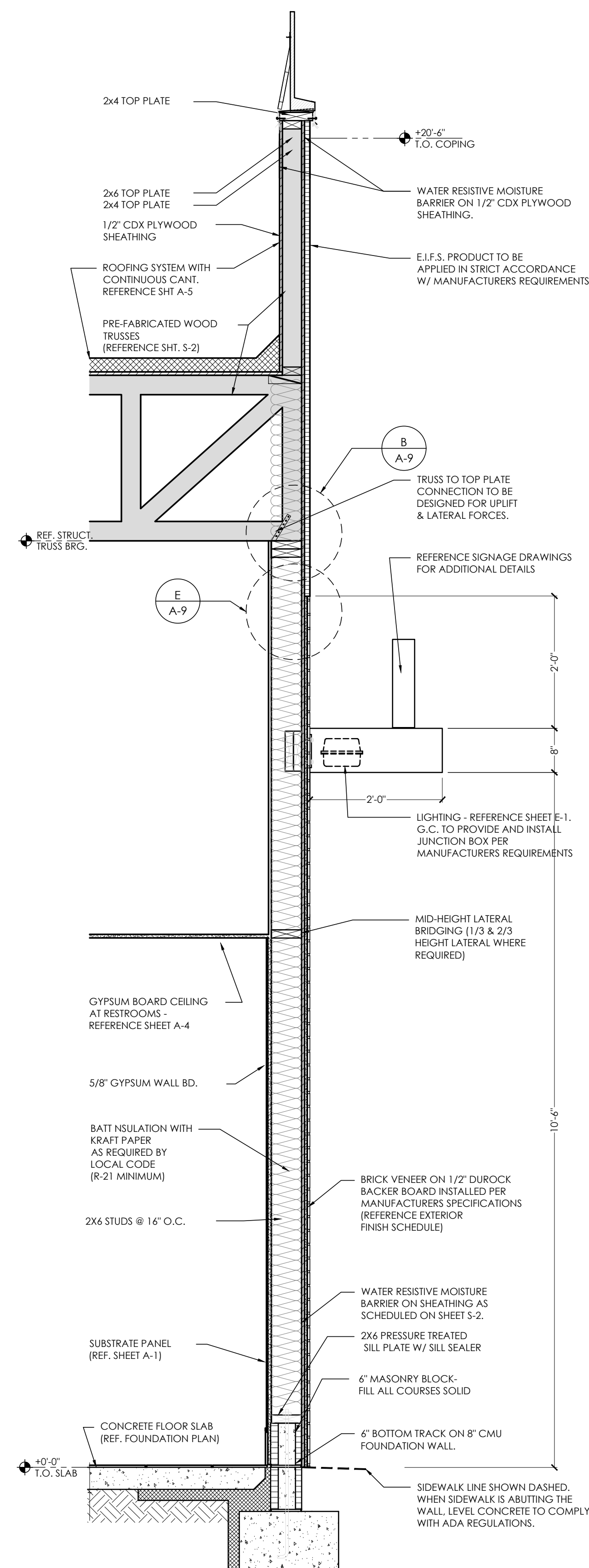


PROJECT	BURGER KING 1440 NAPPAWEE ST. ELMHART, IN 46514
SHEET TITLE	WALL SECTIONS AND DETAILS
JOB #	TG-21668
SHEET	A-6

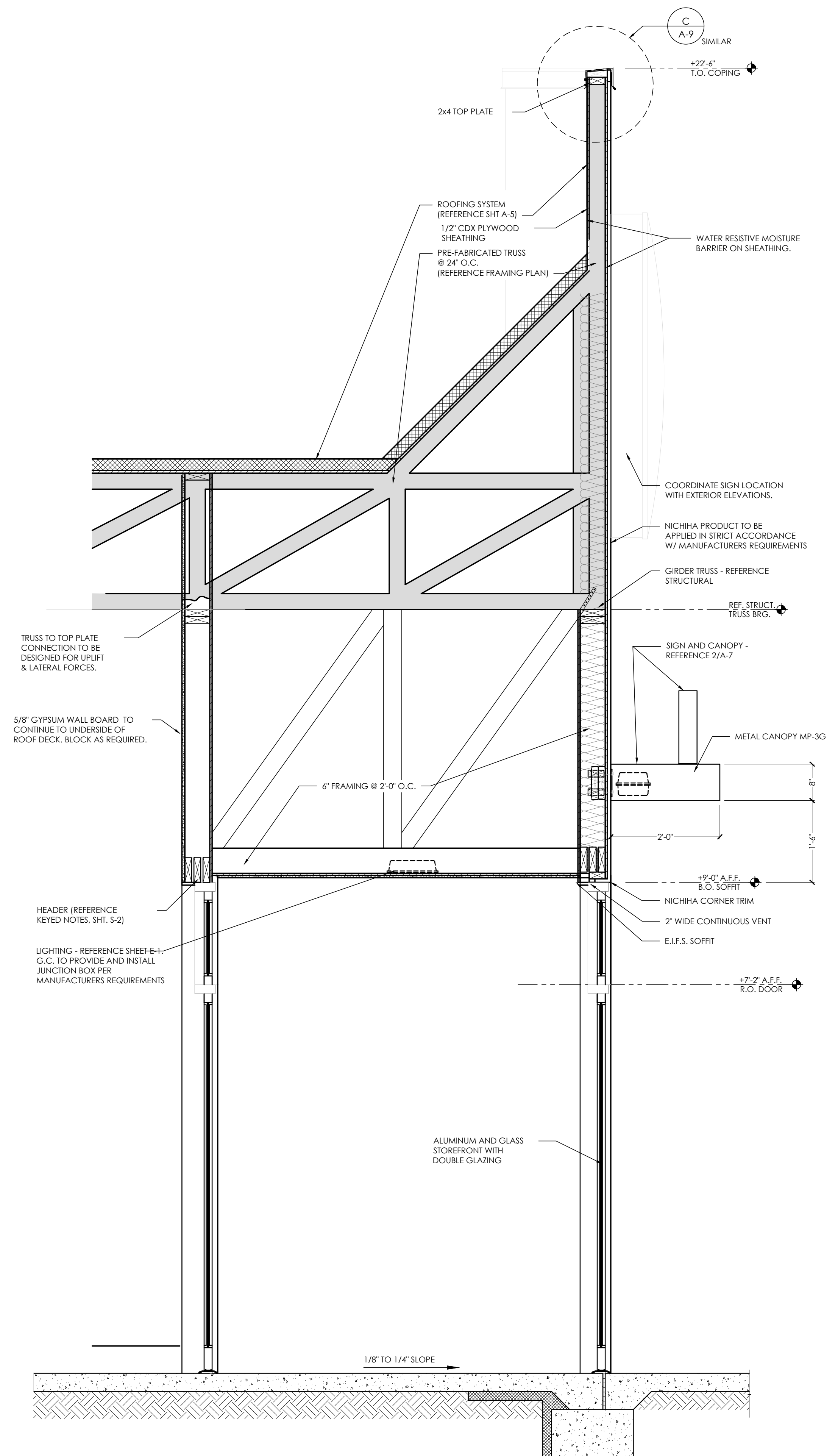
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.



1 DINING ROOM SIDE WALL
SCALE: 3 / 4" - 1'-0"



2 MAIN ENTRANCE WALL
SCALE: 3 / 4" - 1'-0"

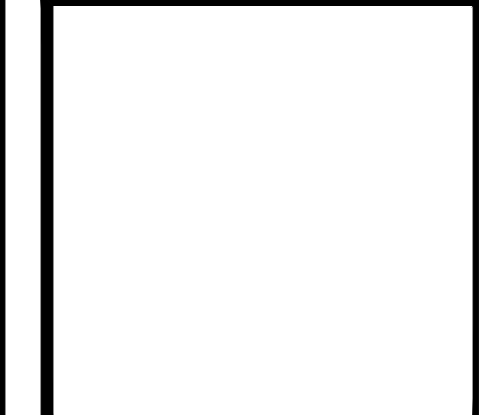
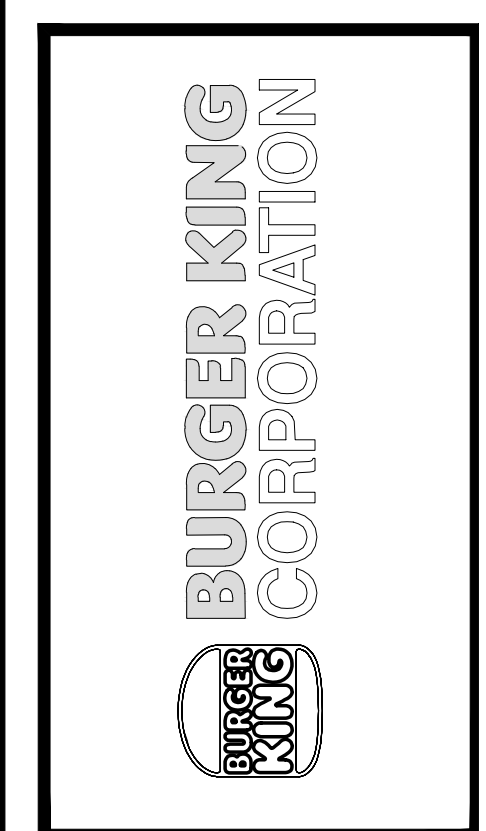


3 MAIN ENTRANCE TOWER
SCALE: 3 / 4" - 1'-0"

No.	Date	By	Notes
1		DB	FOR SUBMITTAL TO CITY PLANNING

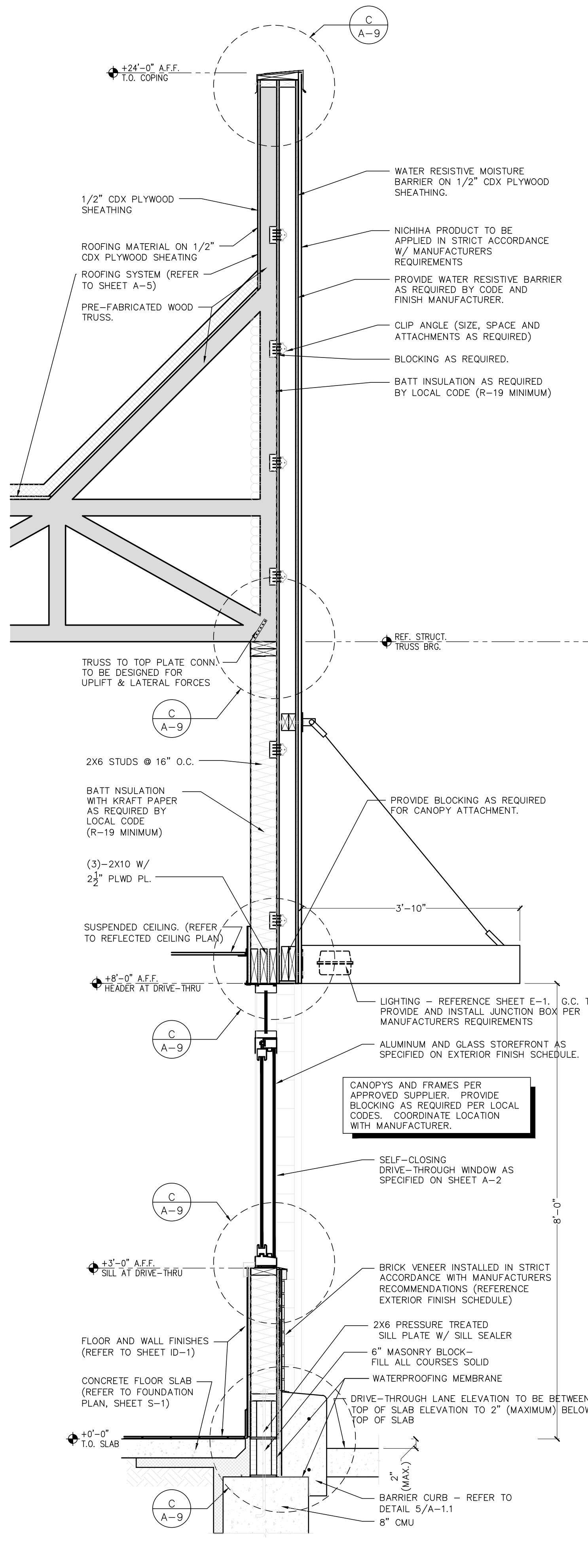
Drawn By: CP
Checked: SB
Scale: AS NOTED
Date: ---21

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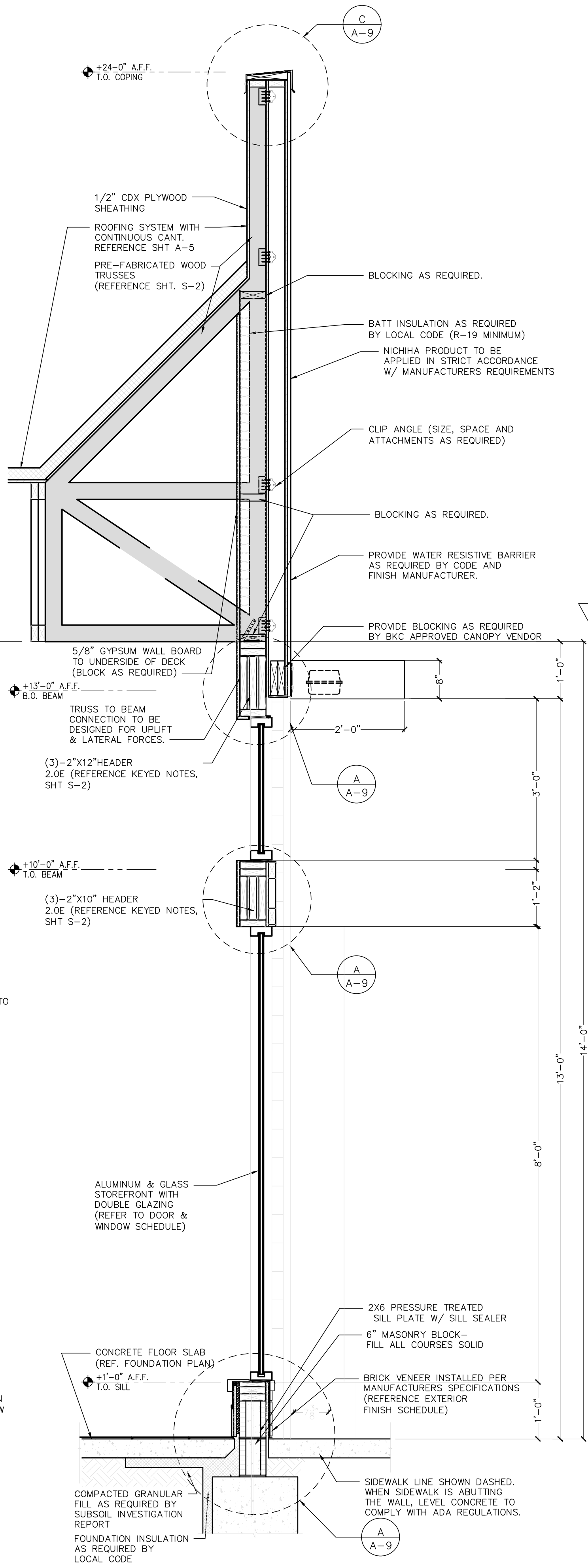


PROJECT	BURGER KING 1440 HAFPAHNEE ST. ELMHART, IN 46514
SHEET TITLE	WALL SECTIONS AND DETAILS
JOB #	TG-21668
SHEET	A-7

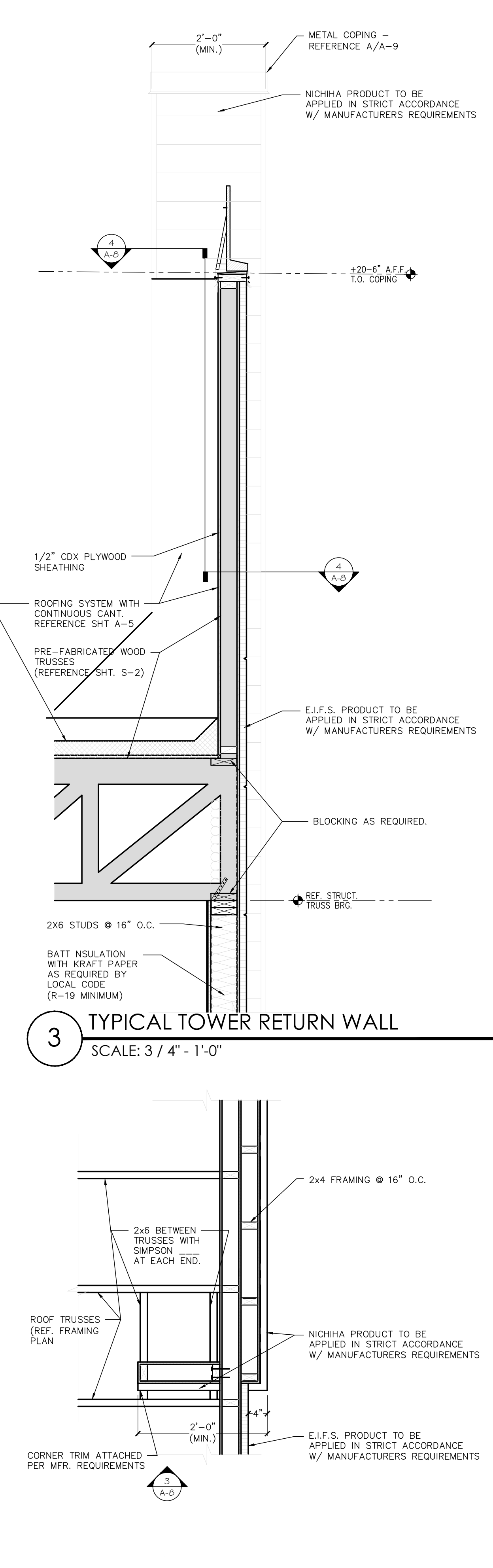
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.



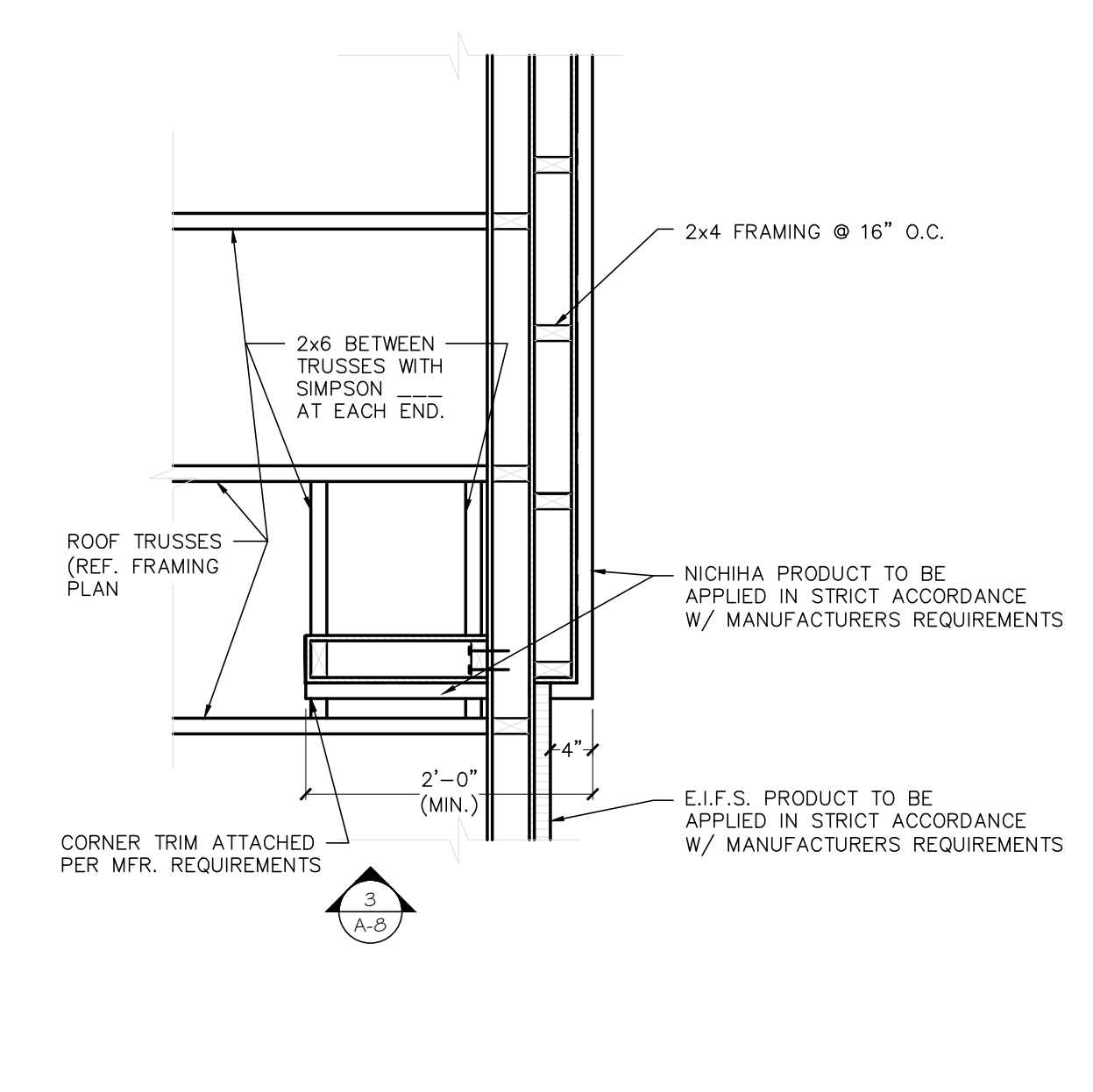
1 DRIVE-THROUGH WINDOW WALL
SCALE: 3 / 4" - 1'-0"



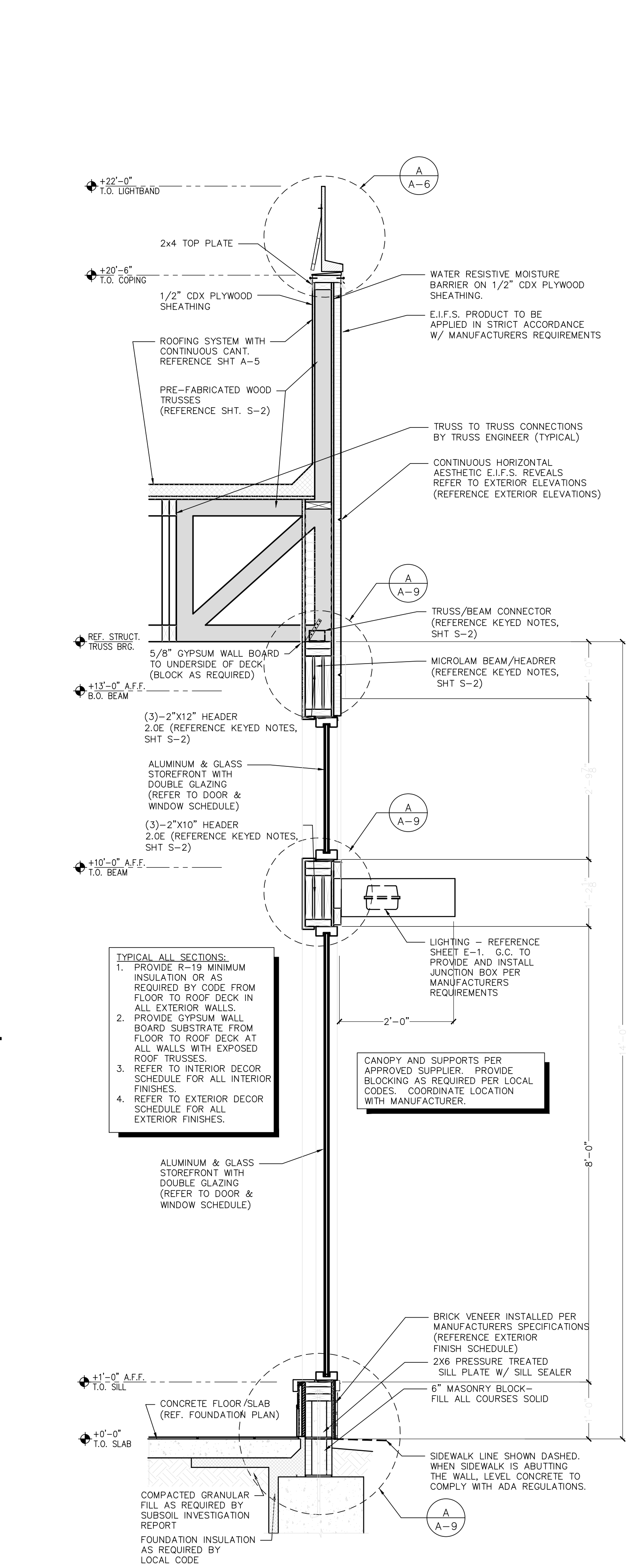
2 FRONT DINING ROOM WALL
SCALE: 3 / 4" - 1'-0"



3 TYPICAL TOWER RETURN WALL
SCALE: 3 / 4" - 1'-0"



4 SECTION (PLAN) AT TYPICAL TOWER RETURN WALL
SCALE: 3 / 4" - 1'-0"



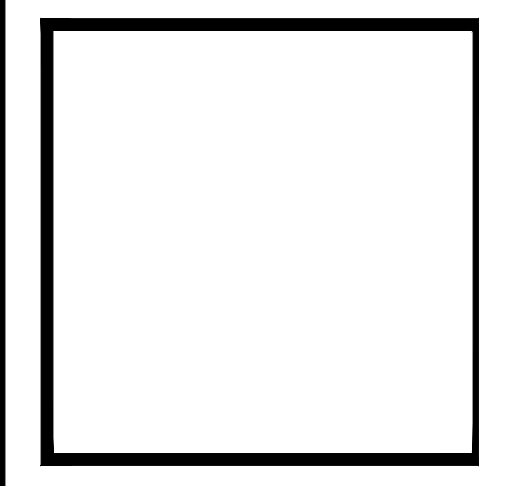
5 DINING ROOM FRONT WALL
SCALE: 3 / 4" - 1'-0"

- TYPICAL ALL SECTIONS:**
1. PROVIDE R-19 MINIMUM INSULATION OR AS REQUIRED BY CODE FROM FLOOR TO ROOF DECK IN ALL EXTERIOR WALLS.
 2. PROVIDE GYPSUM WALL BOARD SUBSTRATE FROM FLOOR TO ROOF DECK AT ALL WALLS WITH EXPOSED ROOF TRUSSES.
 3. REFER TO INTERIOR DECOR SCHEDULE FOR ALL INTERIOR FINISHES.
 4. REFER TO EXTERIOR DECOR SCHEDULE FOR ALL EXTERIOR FINISHES.

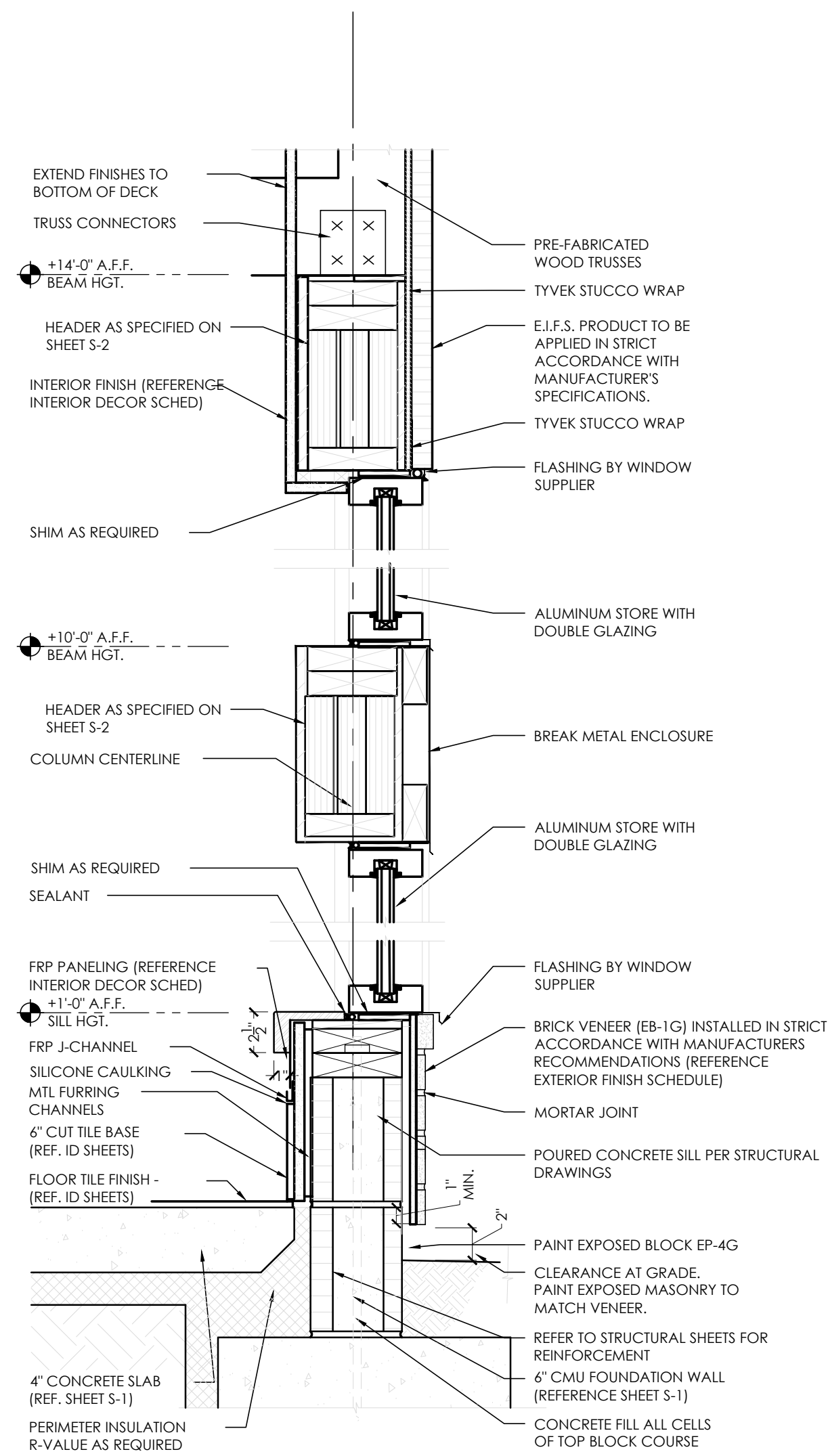
CANOPY AND SUPPORTS PER APPROVED SUPPLIER. PROVIDE BLOCKING AS REQUIRED PER LOCAL CODES. COORDINATE LOCATION WITH MANUFACTURER.

No.	Date	By	Notes
3	5/24/21	DB	PLANNING SUBMITTAL
4	7/27/21	DB	BUILDING SUBMITTAL
5	8/27/21	AS	BUILDING REVISIONS
6	10/29/21	AS	ENGINEERING REVISIONS
7	12/10/21	AS	BUILDING REVISIONS 2

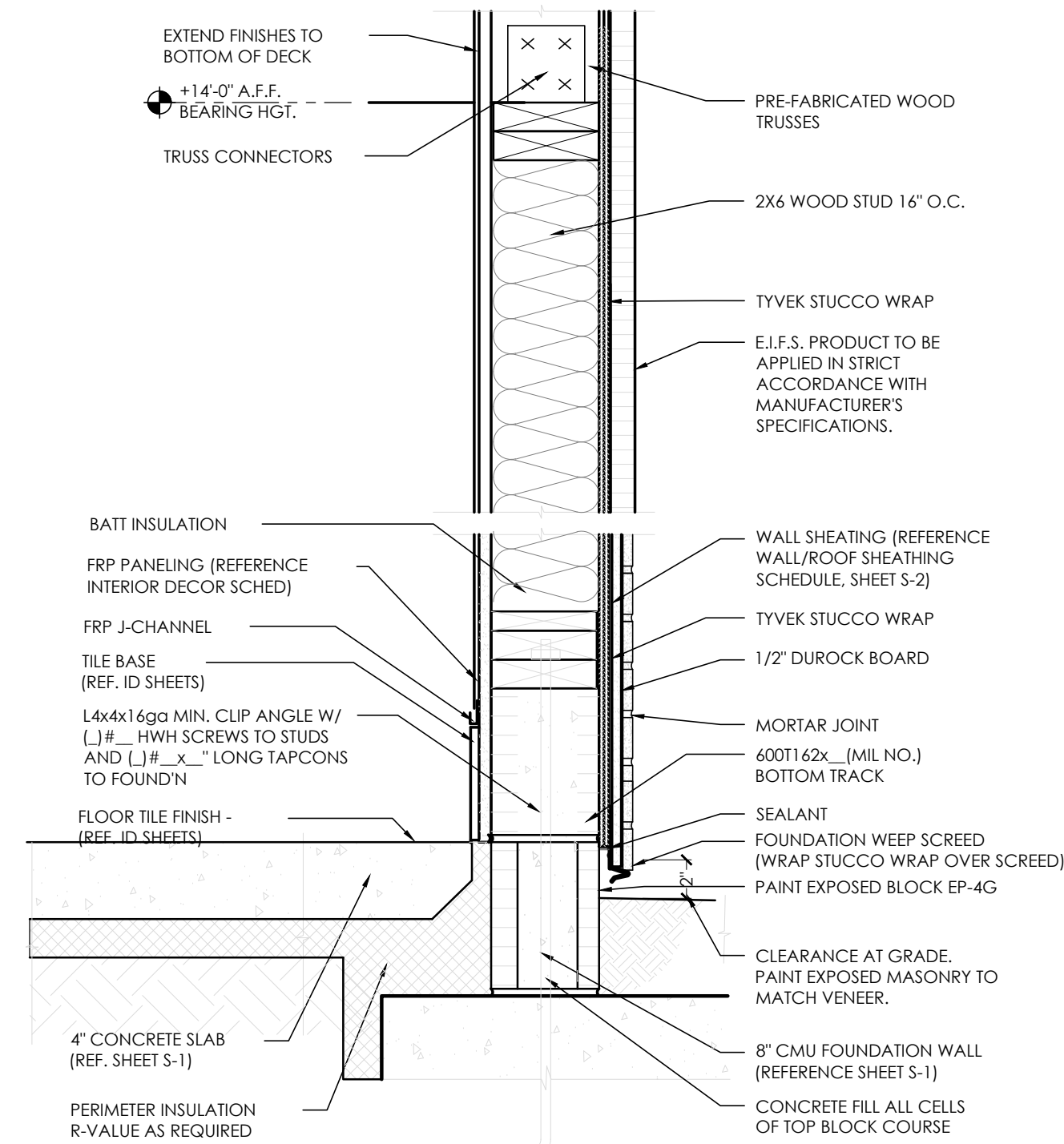
Drawn By: CP
Checked: SB
Scale: AS NOTED
Date: 03/24/21



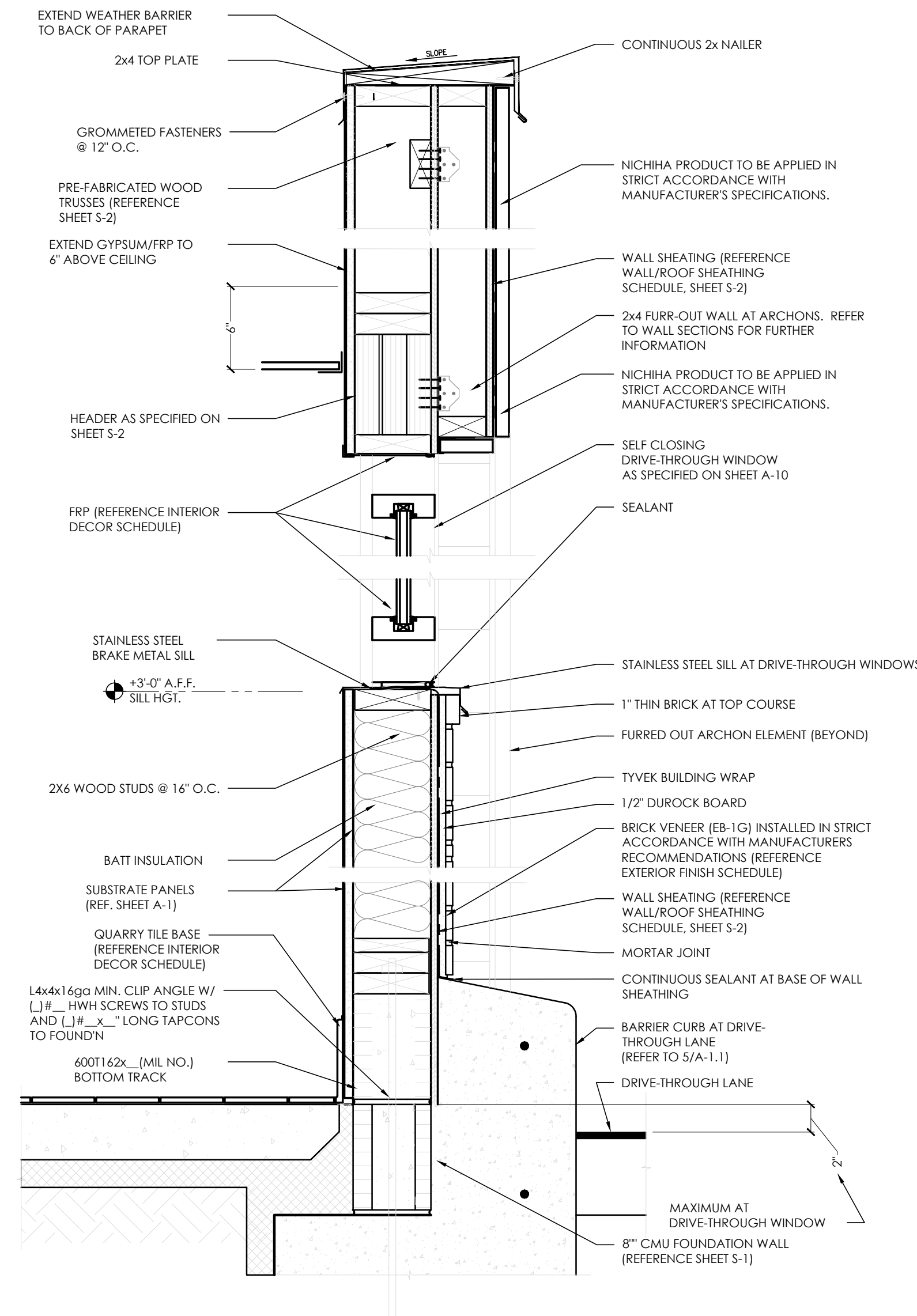
PROJECT BURGER KING #2900 10000 CANTON CENTER CANTON, OH 44705	SHEET TITLE WALL SECTIONS
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.	
JOB # TG-21657	
SHEET A-8	



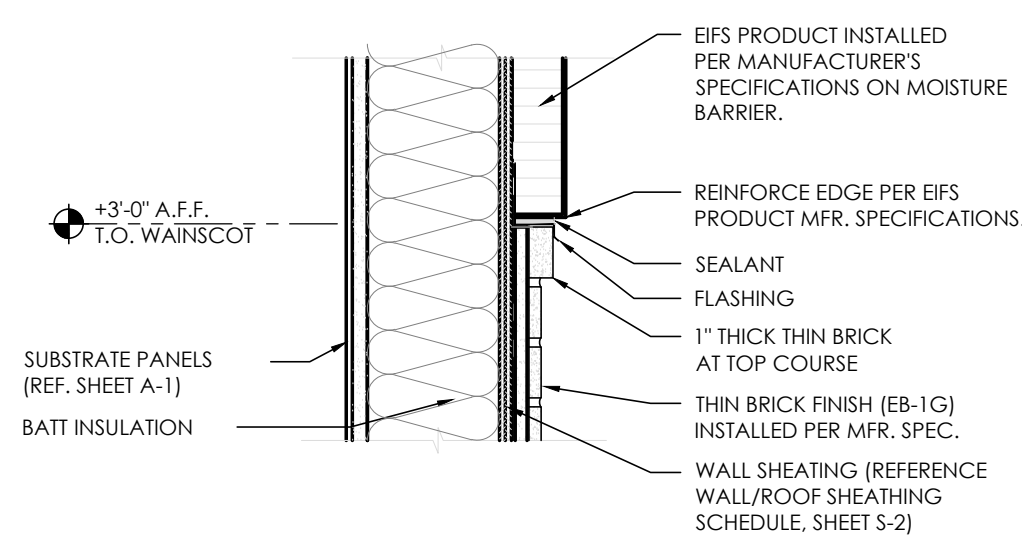
A BASE-SILL-HEADER-CAP DETAILS
SCALE: 1 1/2" - 1'-0"



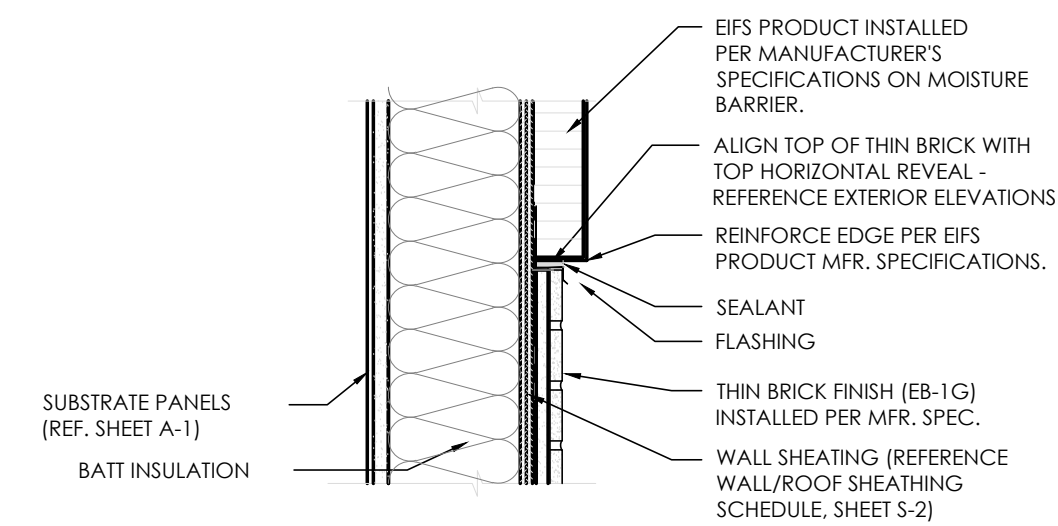
B BASE-SILL-HEADER DETAILS
SCALE: 1 1/2" - 1'-0"



C DRIVE-THROUGH
BASE-SILL-HEADER-CAP DETAILS
SCALE: 1 1/2" - 1'-0"



D WAINSCOT/STUCCO TRANSITION
SCALE: 1 1/2" - 1'-0"

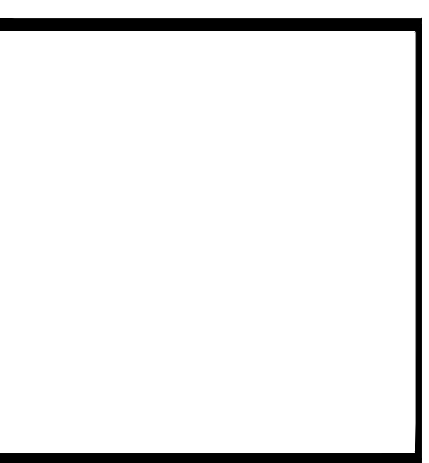
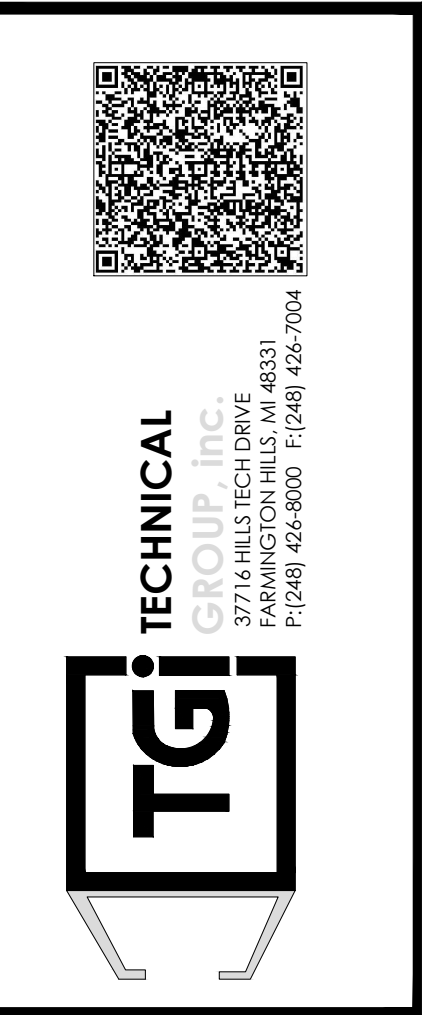


E THIN BRICK/STUCCO TRANSITION
@ MAIN ENTRY WALL
SCALE: 1 1/2" - 1'-0"

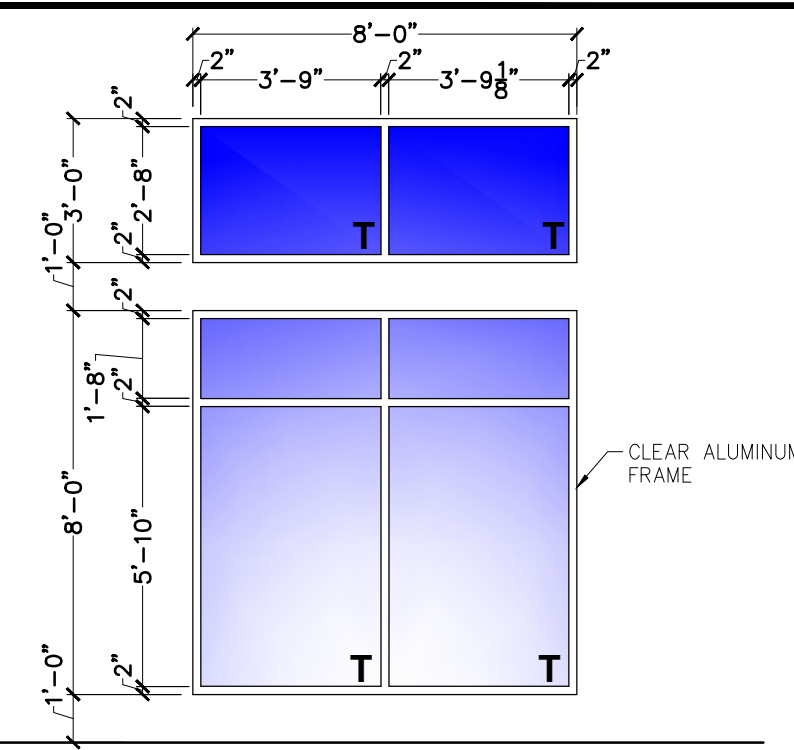
No.	Date	By	Notes
3	5/24/21	DB	PLANNING SUBMITTAL
4	7/27/21	DB	BUILDING SUBMITTAL
5	8/27/21	AS	BUILDING REVISIONS
6	10/29/21	AS	ENGINEERING REVISIONS
7	12/10/21	AS	BUILDING REVISIONS 2

Drawn By: CP
Checked: SB
Scale: AS NOTED
Date: 03.24.21

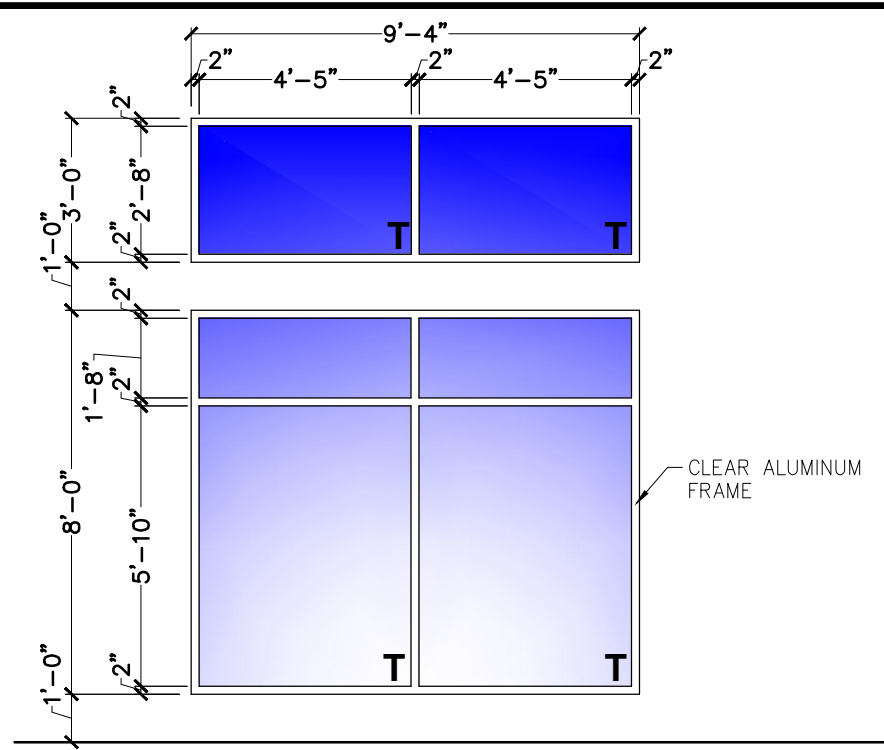
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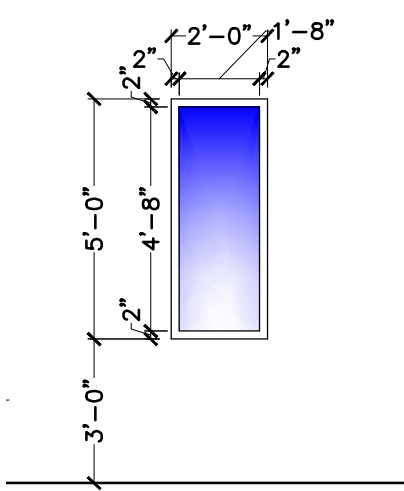
PROJECT BURGER KING #2900 - PORT RD. GRAND CAY, OH 43025	SHEET TITLE WALL SECTIONS AND DETAILS
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.	
JOB # TG-21657	SHEET A-9



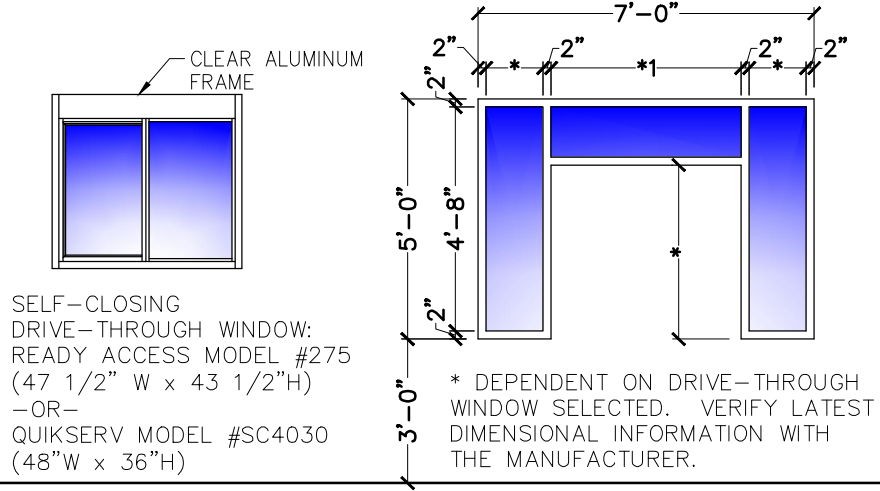
WINDOW A B
SCALE: 1/4" = 1'-0"



WINDOW C D E
SCALE: 1/4" = 1'-0"

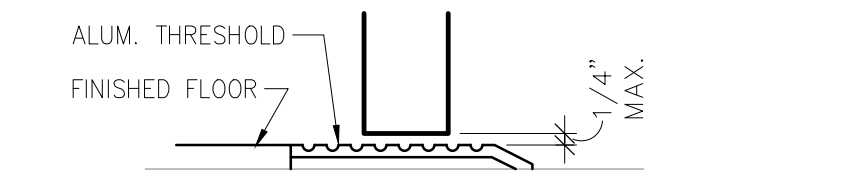
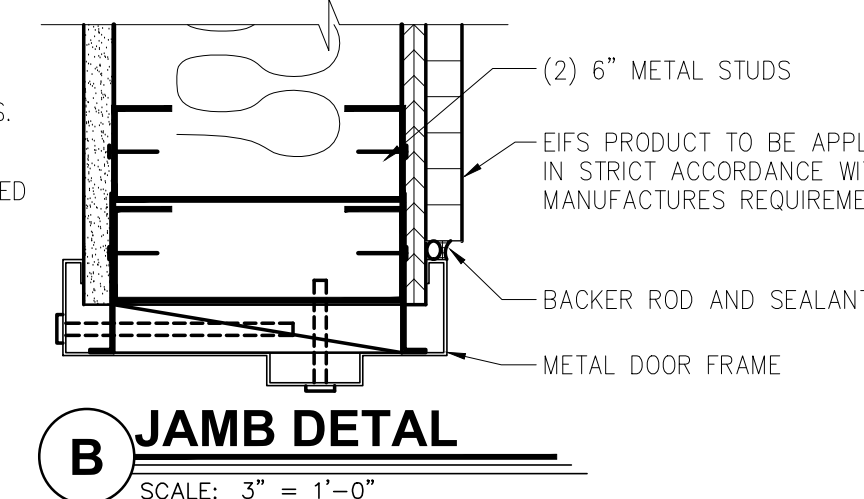
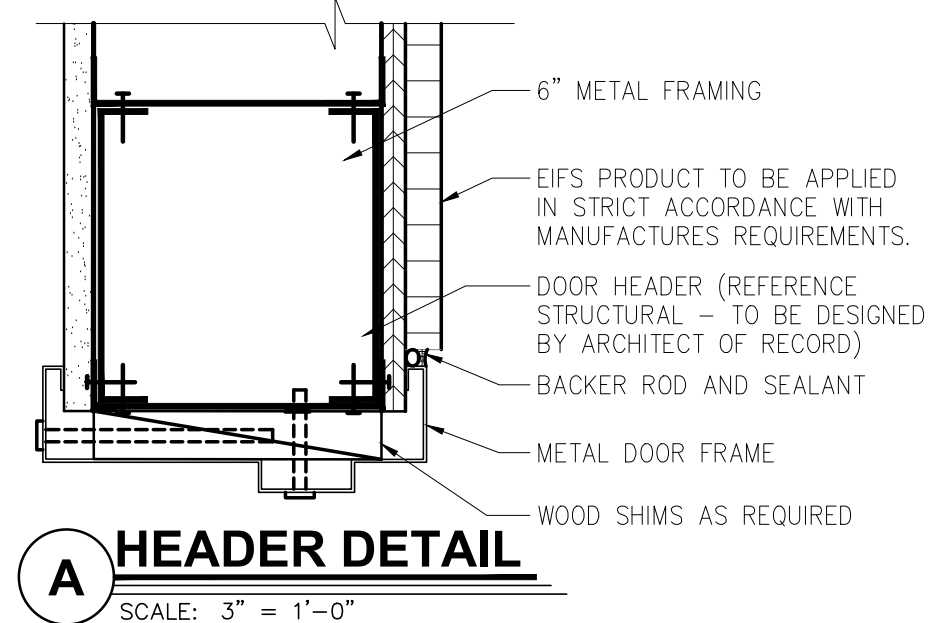


WINDOW F
SCALE: 1/4" = 1'-0"



WINDOW G H
SCALE: 1/4" = 1'-0"

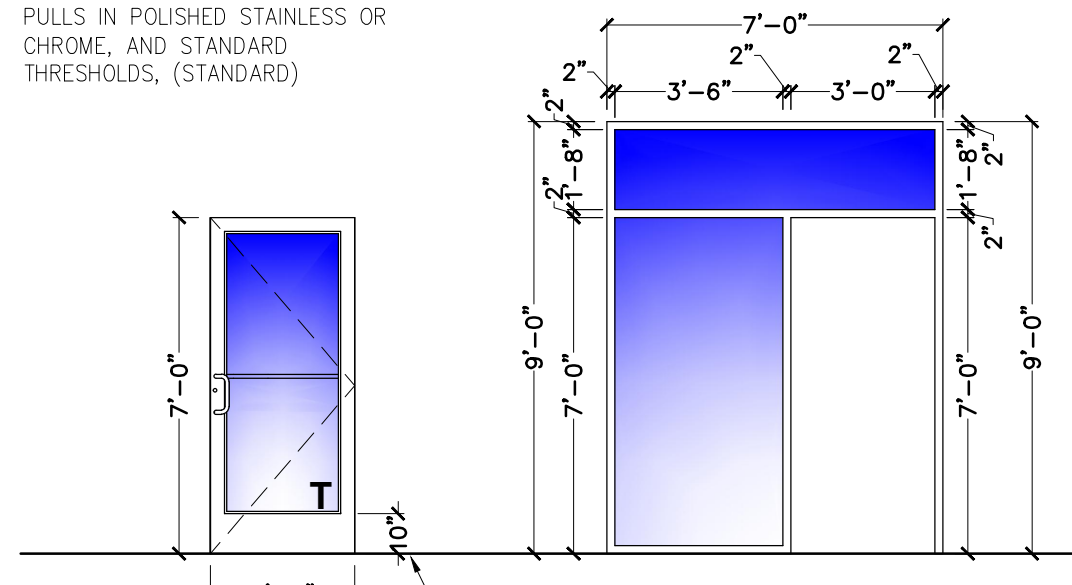
NOTE: ALL WINDOW OPENING SIZES TO BE VERIFIED ON SITE PRIOR TO FABRICATION



DOOR
OPENING: 3'-0"x7'-0"x1 3/4" AD x AF
MATERIAL: ALUMINUM / GLASS
FINISH: CLEAR

FRAME
MATERIAL: ALUMINUM
FINISH: CLEAR
REMARKS
DUMMY CYLINDERS SHALL BE PROVIDED ON THE EXTERIOR OF ALL DOORS EXCEPT AT MAIN ENTRY.

HARDWARE
HINGES, OFFSET PIVOTS
LOCKSET: ADAMS RITE DEAD BOLT, MS 1852S
FLUSH BOLTS, 1 PAIR
SURFACE CLOSER
NORTON 1605 WITH BACK CHECK
9" "CLASSIC" STRAIGHT DOOR PULLS IN POLISHED STAINLESS OR CHROME, AND STANDARD THRESHOLDS, (STANDARD)



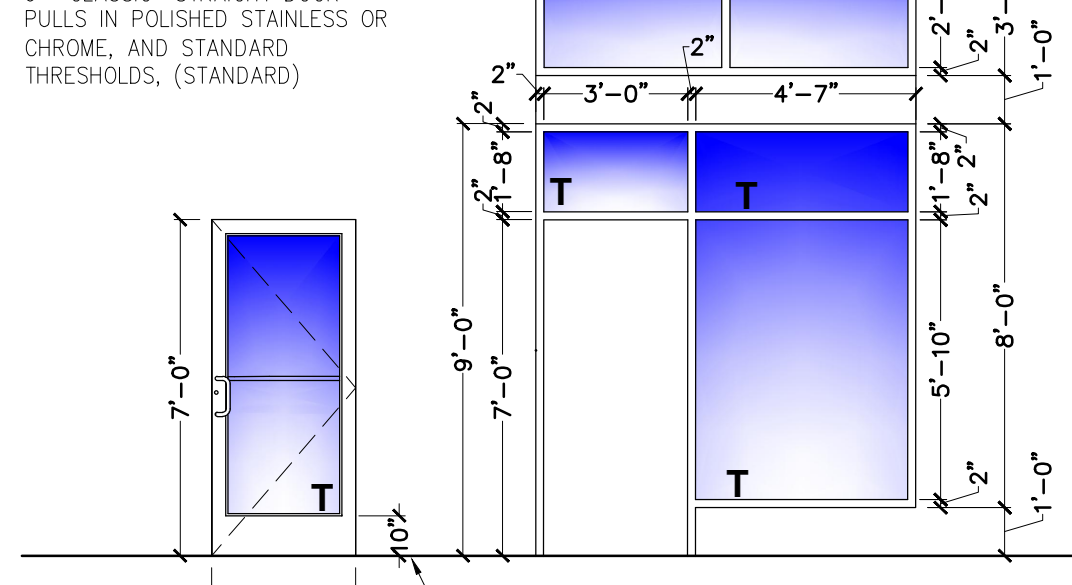
DOOR 1
SCALE: 1/4" = 1'-0"
T = TEMPERED

DOOR FRAME
SCALE: 1/4" = 1'-0"

DOOR
OPENING: 3'-0"x7'-0"x1 3/4" AD x AF
MATERIAL: ALUMINUM / GLASS
FINISH: CLEAR

FRAME
MATERIAL: ALUMINUM
FINISH: CLEAR
REMARKS
DUMMY CYLINDERS SHALL BE PROVIDED ON THE EXTERIOR OF ALL DOORS EXCEPT AT MAIN ENTRY.

HARDWARE
HINGES, OFFSET PIVOTS
LOCKSET: ADAMS RITE DEAD BOLT, MS 1852S
FLUSH BOLTS, 1 PAIR
SURFACE CLOSER
NORTON 1605 WITH BACK CHECK
9" "CLASSIC" STRAIGHT DOOR PULLS IN POLISHED STAINLESS OR CHROME, AND STANDARD THRESHOLDS, (STANDARD)



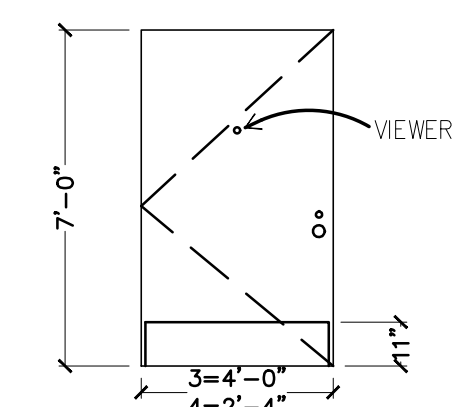
DOOR 2
SCALE: 1/4" = 1'-0"
T = TEMPERED

DOOR FRAME
SCALE: 1/4" = 1'-0"

DOOR
OPENING: 4'-0"x7'-0"x1 3/4" MD x MF
MATERIAL: HOLLOW METAL
FINISH: PAINT - REFER TO SHEET A-2

FRAME
MATERIAL: HOLLOW METAL
FINISH: PAINT - REFER TO SHEET A-2

HARDWARE
DOOR TO RECEIVE:
HINGES: 4 EACH HAGER: BB1168 4 1/2" x 4 1/2" x USP x NRP
EXIT DEVICE: 1 EACH VON DUPRIN 22EO x 689 (DOOR #3)
CLOSER: 1 EACH LCN 4116 EDA (DOOR #3) & LCN 4116 EDA (DOOR #4)
VIEWER: 1 EACH ROCKWOOD 622 x 626
KICKPLATES: 1 EACH HAGER 1935 10"x2" LDW 628 (INSTALL W/FLAT HEAD PHILLIPS HEAD SCREWS)
THRESHOLD: 1 EACH NATIONAL GUARD 325 x 48" x AL
DOOR SWEEP: 1 EACH NATIONAL GUARD 200NA x 48"
WEATHERSTRIP: 1 SET NATIONAL GUARD 160SA 1048", 2084"
DOOR 4: MATCH LOCKSET/TRIM OF DOOR #4
PROVIDE 8"Hx16"W LOUVER AT BOTTOM OF DOOR



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

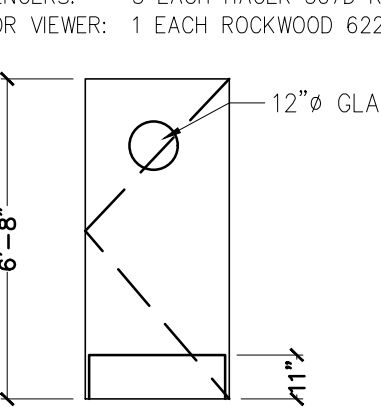
DOOR FRAME
SCALE: 1/4" = 1'-0"

DOOR
OPENING: 3'-0"x6'-8"x1 3/4" MD x AF
MATERIAL: SOLID CORE HPL
FINISH: REFERENCE ID SHEETS.

FRAME
MATERIAL: ALUMINUM
FINISH: REFERENCE ID SHEETS.

HARDWARE
EACH DOOR TO RECEIVE:
HINGES: 3 EACH HAGER: BB1279 4 1/2" x 4 1/2" x 652
LOCKSET: 1 EACH SCHLAGE, AL53PD SAT x 626
CLOSER: 1 EACH LCN 4111 EDA
FLOOR STOP: 1 EACH HAGER 241F x US26D
KICKPLATES: 2 EACH HAGER 1935 10"x2" LDW 628 (INSTALL W/FLAT HEAD PHILLIPS HEAD SCREWS)
SILENCERS: 3 EACH HAGER 307D RBR
DOOR VIEWER: 1 EACH ROCKWOOD 622 x 626

REMARKS
SIGN PACKAGE: 1 "KITCHEN" AND CORRESPONDING SIGNAGE IN GRADE TWO BRAILLE PER ADA REQUIREMENTS. SIGNS FURNISHED BY DECOR SUPPLIER. SIGNS INSTALLED BY GENERAL CONTRACTOR PER ADA REQUIREMENTS.
AS AN OPTION IN LIEU OF SOLID CORE DOORS AND HOLLOW METAL FRAMES, PROVIDE MARLITE HPL DOORS WITH ALUMINUM FRAMES (REF. ID SHEETS FOR COLOR)



DOOR 5
SCALE: 1/4" = 1'-0"

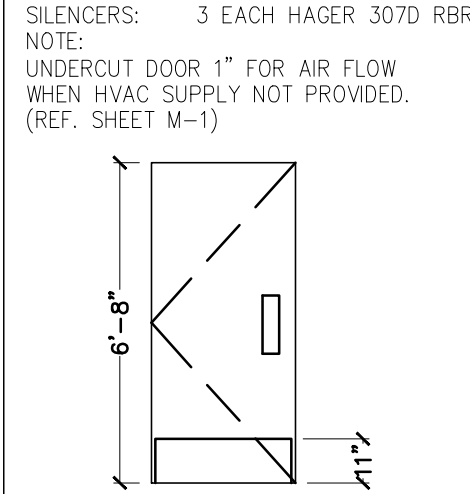
DOOR FRAME
SCALE: 1/4" = 1'-0"

DOOR
OPENING: 3'-0"x6'-8"x1 3/4" MD x MF
MATERIAL: SOLID CORE HPL
FINISH: REFERENCE ID SHEETS.

FRAME
MATERIAL: ALUMINUM
FINISH: REFERENCE ID SHEETS.

HARDWARE
EACH DOOR TO RECEIVE:
HINGES: 3 EACH HAGER: BB1279 4 1/2" x 4 1/2" x 652
LOCKSET: 1 EACH FALCON: D271 X 626
CLOSER: 1 EACH LCN 4111 EDA
PUSH PLATE: 1 EACH HAGER 305 4x16 628
PULL PLATE: 1 EACH HAGER H33E 4x16 628
FLOOR STOP: 1 EACH HAGER 241F x US26D
KICKPLATES: 2 EACH HAGER 1935 10"x2" LDW 628 (INSTALL W/FLAT HEAD PHILLIPS HEAD SCREWS)
SILENCERS: 3 EACH HAGER 307D RBR
NOTE:
UNDERCUT DOOR 1" FOR AIR FLOW WHEN HVAC SUPPLY NOT PROVIDED. (REF. SHEET M-1)

REMARKS
SIGN PACKAGE: 1 "LADIES", 1 "GENTLEMEN" AND CORRESPONDING SIGNAGE IN GRADE TWO BRAILLE PER ADA REQUIREMENTS. SIGNS FURNISHED BY DECOR SUPPLIER. SIGNS INSTALLED BY GENERAL CONTRACTOR PER ADA REQUIREMENTS.
AS AN OPTION IN LIEU OF SOLID CORE DOORS AND HOLLOW METAL FRAMES, PROVIDE MARLITE HPL DOORS WITH ALUMINUM FRAMES (REF. ID SHEETS FOR COLOR)
**DELETE IF MULTIPLE OCCUPANCY RESTROOM
***OPTIONAL SANITGRASP #5G-101



DOOR 6/7
SCALE: 1/4" = 1'-0"

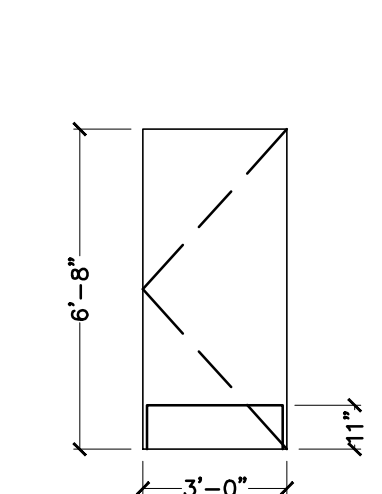
DOOR FRAME
SCALE: 1/4" = 1'-0"

DOOR
OPENING: 3'-0"x6'-8"x1 3/4" MD x MF
MATERIAL: SOLID CORE HPL/GLASS
FINISH: REFERENCE ID SHEETS.

FRAME
MATERIAL: ALUMINUM
FINISH: REFERENCE ID SHEETS.

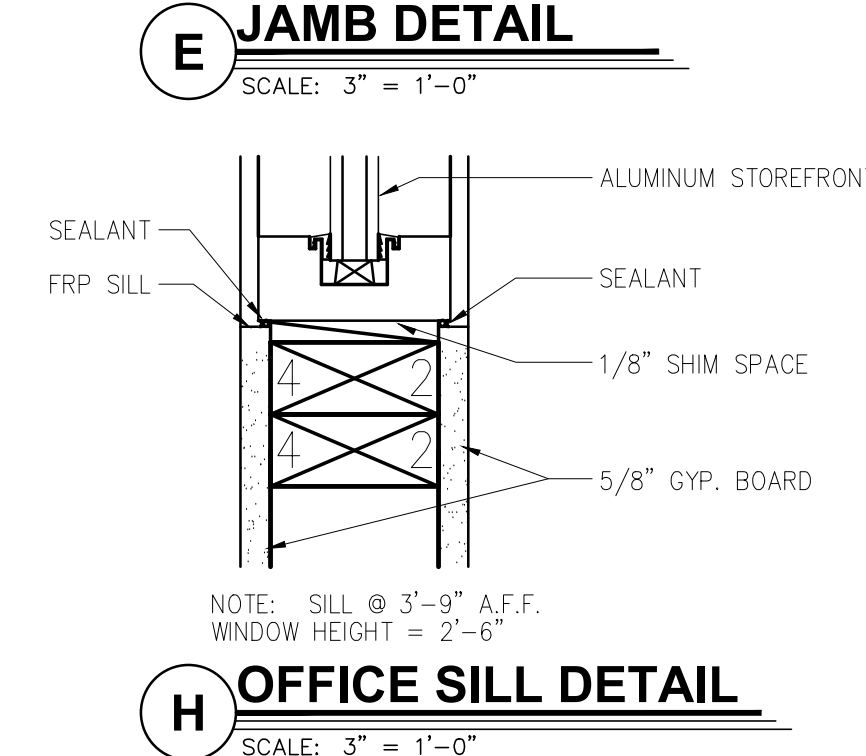
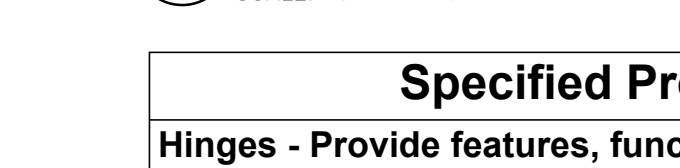
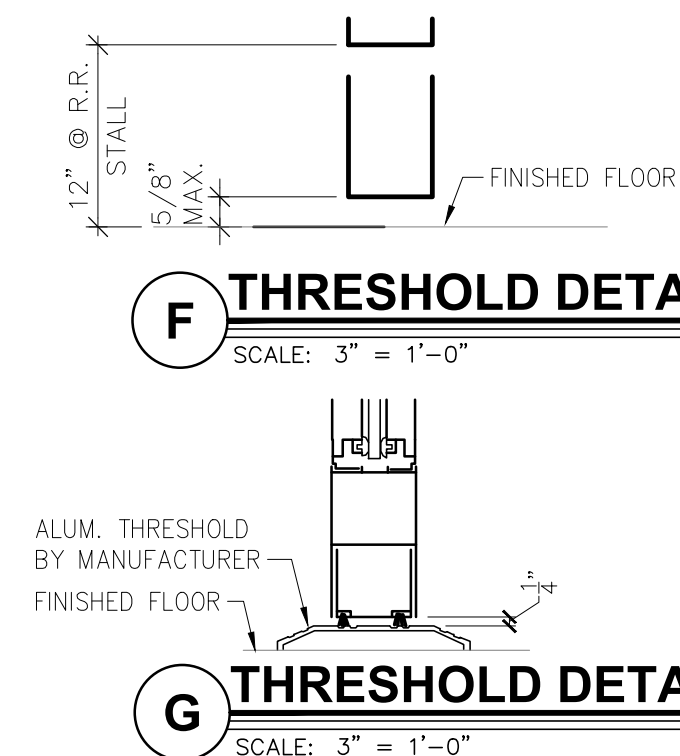
HARDWARE
DOOR TO RECEIVE:
HINGES: 3 EACH HAGER: BB1279 4 1/2" x 4 1/2" x 652
LOCKSET: 1 EACH SCHLAGE, AL53PD SAT x 626
FLOOR STOP: 1 EACH HAGER 241F x US26D
KICKPLATES: 2 EACH HAGER 1935 10"x2" LDW 628 (INSTALL W/FLAT HEAD PHILLIPS HEAD SCREWS)
SILENCERS: 3 EACH HAGER 307D RBR

REMARKS
AS AN OPTION, IN LIEU OF SOLID CORE DOORS AND HOLLOW METAL FRAMES, PROVIDE MARLITE HPL DOORS WITH ALUMINUM FRAMES (REF. ID SHEETS FOR COLOR)



DOOR 8
SCALE: 1/4" = 1'-0"

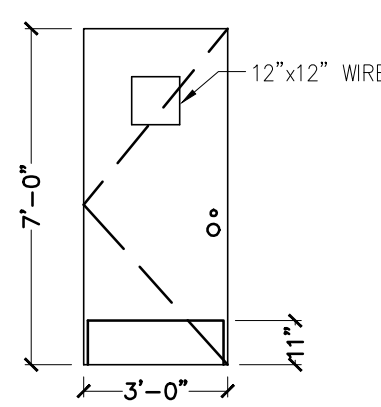
DOOR FRAME
SCALE: 1/4" = 1'-0"



DOOR
OPENING: 4'-0"x7'-0"x1 3/4" MD x MF
MATERIAL: HOLLOW METAL
FINISH: PAINT - REFER TO SHEET A-2

FRAME
MATERIAL: HOLLOW METAL
FINISH: PAINT - REFER TO SHEET A-2

HARDWARE
DOOR TO RECEIVE:
HINGES: 4 EACH HAGER: BB1168 4 1/2" x 4 1/2" x USP x NRP
EXIT DEVICE: 1 EACH SCHLAGE, AL53PD WITH ADA THUMBTURN
CLOSER: 1 EACH LCN 4111 EDA
VIEWER: 1 EACH ROCKWOOD 622 x 626
KICKPLATES: 1 EACH HAGER 1935 10"x2" LDW 628 (INSTALL W/FLAT HEAD PHILLIPS HEAD SCREWS)
THRESHOLD: 1 EACH NATIONAL GUARD 325 x 48" x AL
DOOR SWEEP: 1 EACH NATIONAL GUARD 200NA x 48"
WEATHERSTRIP: 1 SET NATIONAL GUARD 160SA 1048", 2084"
DOOR 12&13: MATCH TRIM OF DOOR #4
PROVIDE 8"Hx16"W LOUVER AT BOTTOM OF DOOR



DOOR 9/10
SCALE: 1/4" = 1'-0"

DOOR FRAME
SCALE: 1/4" = 1'-0"

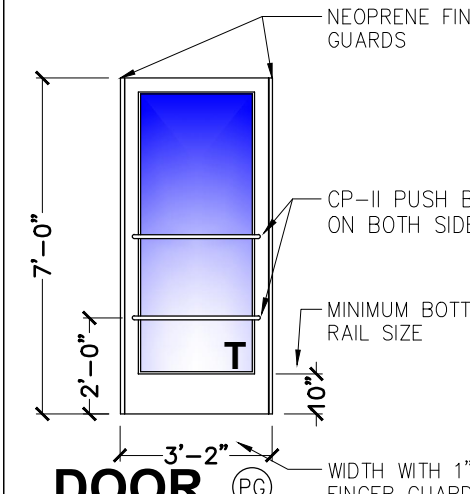
INTERIOR ENTRY INTO PLAYGROUND:

DOOR
OPENING: 3'-2"x7'-0"x1 3/4" AD x AF
MATERIAL: ALUMINUM / GLASS
FINISH: CLEAR

FRAME
MATERIAL: ALUMINUM
FINISH: CLEAR

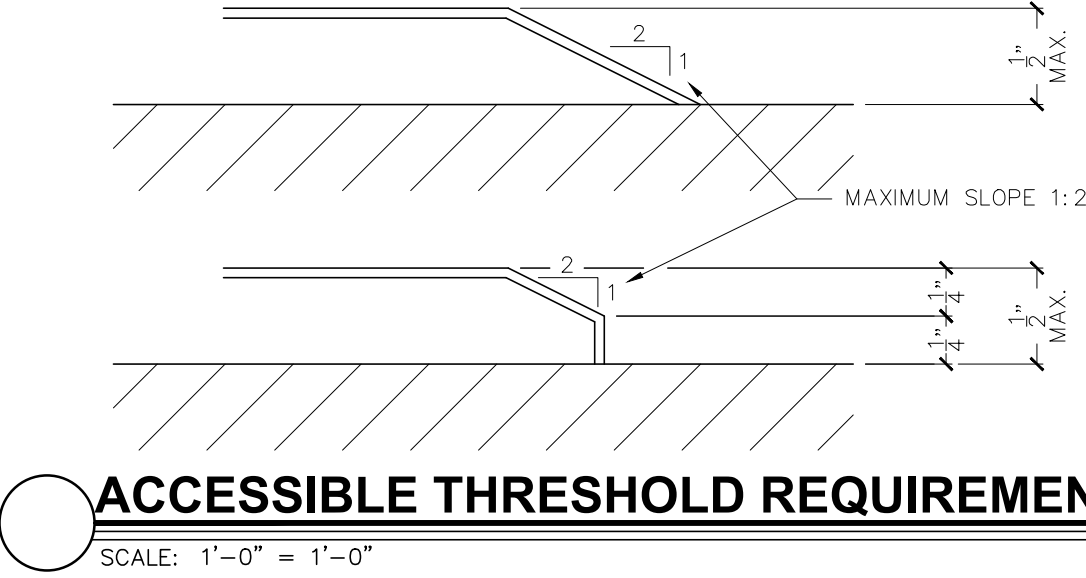
HARDWARE
HARDWARE SET TO BE PROVIDED BY STOREFRONT MFR.
1 OVERHEAD CONCEALED CLOSER (KAWNEER HUSKEY II DUEL SWING)
1 KAWNEER BOTTOM CENTER PIVOT
2 CP-II PUSH BARS ON BOTH SIDES OF DOOR AS INDICATED
2 KAWNEER 1" BLACK NEOPRENE FINGER GUARDS MOUNTED ON BOTH SIDES
1 ADAMS RITE 1852A DEADBOLT LOCK

REMARKS
DUMMY CYLINDERS SHALL BE PROVIDED ON THE EXTERIOR OF ALL DOORS EXCEPT AT MAIN ENTRY.



DOOR 16
SCALE: 1/4" = 1'-0"
T = TEMPERED

DOOR FRAME
SCALE: 1/4" = 1'-0"

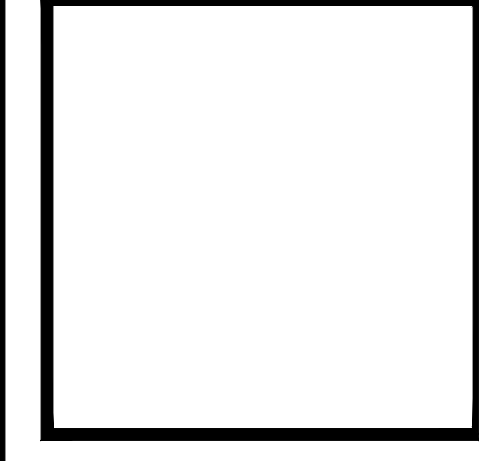
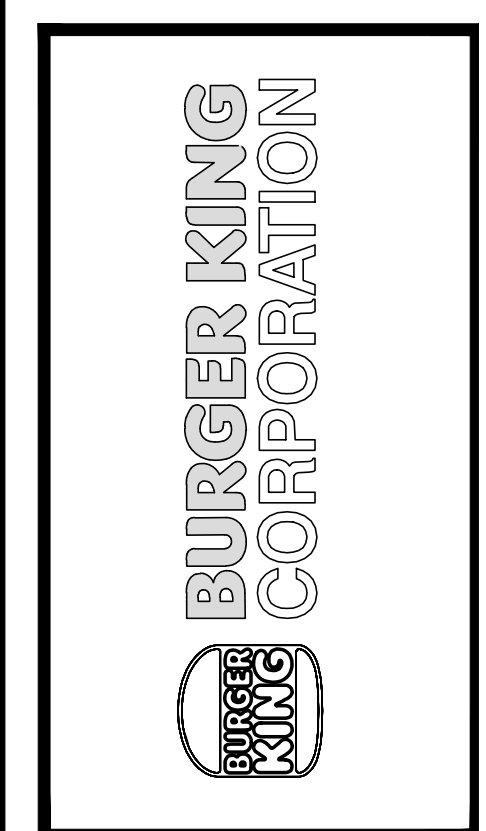


Specified Products and Approved Equals

Hinges - Provide features, functions, size and finish as shown in hardware sets.			
HAGER	BB1279	BB1168	253
MCKINNEY	TA2714	T4A3786	
BOMWER	BB5000	BB5004	
Locks - Provide features, functions and finish as shown in hardware sets.			
FALCON - DEADLOCK	D871		NO SUBSTITUTIONS
SCHLAGE	AL53PD	AL40S	
YALE	AU5307LN	AU5302LN	
FALCON	B511D	B301D	
Exit Device - Provide features, functions and finish as shown in hardware sets.			
VON DUPRIN	22 EO		
YALE	2100 EO		
SARGENT	3826 EO		
Closers - Provide features, functions and finish as shown in hardware sets.			
LCN	1461	4115 H-CUSH	
YALE	3301	4425T / 4421T	
DORMA	861G	891G D5T / 895G D5T	
Push/Pull, KP, Stops, Etc. - Provide features, functions, size and finish as shown in hardware sets.			
HAGER	KICKPLT 1935	PULL FLT H33E	PUSH FLT 305
ROCKWOOD	K1050 B3E	BF10G X 70C	70C
TRIMCO	KO050	1017-3x2 1/2 PROJ.	1001-3
NATIONAL GUARD	THRESHOLD 325A	SWEEP 200NA	WEATHERSTRIP 160SA
PEMCO	229A	315CN	303AS
ZERO	1675A	39A	99A

No.	Date	By	Notes
1		DB	FOR SUBMITTAL TO CITY PLANNING

Drawn By: CP
Checked: SB
Scale: AS NOTED
Date: --:21



PROJECT	BURGER KING 1440 NAPPAHEE ST. ELMHART, IN 46514
SHEET TITLE	DOOR AND WINDOW SCHEDULE
JOB #	TG-21668
SHEET	A-10

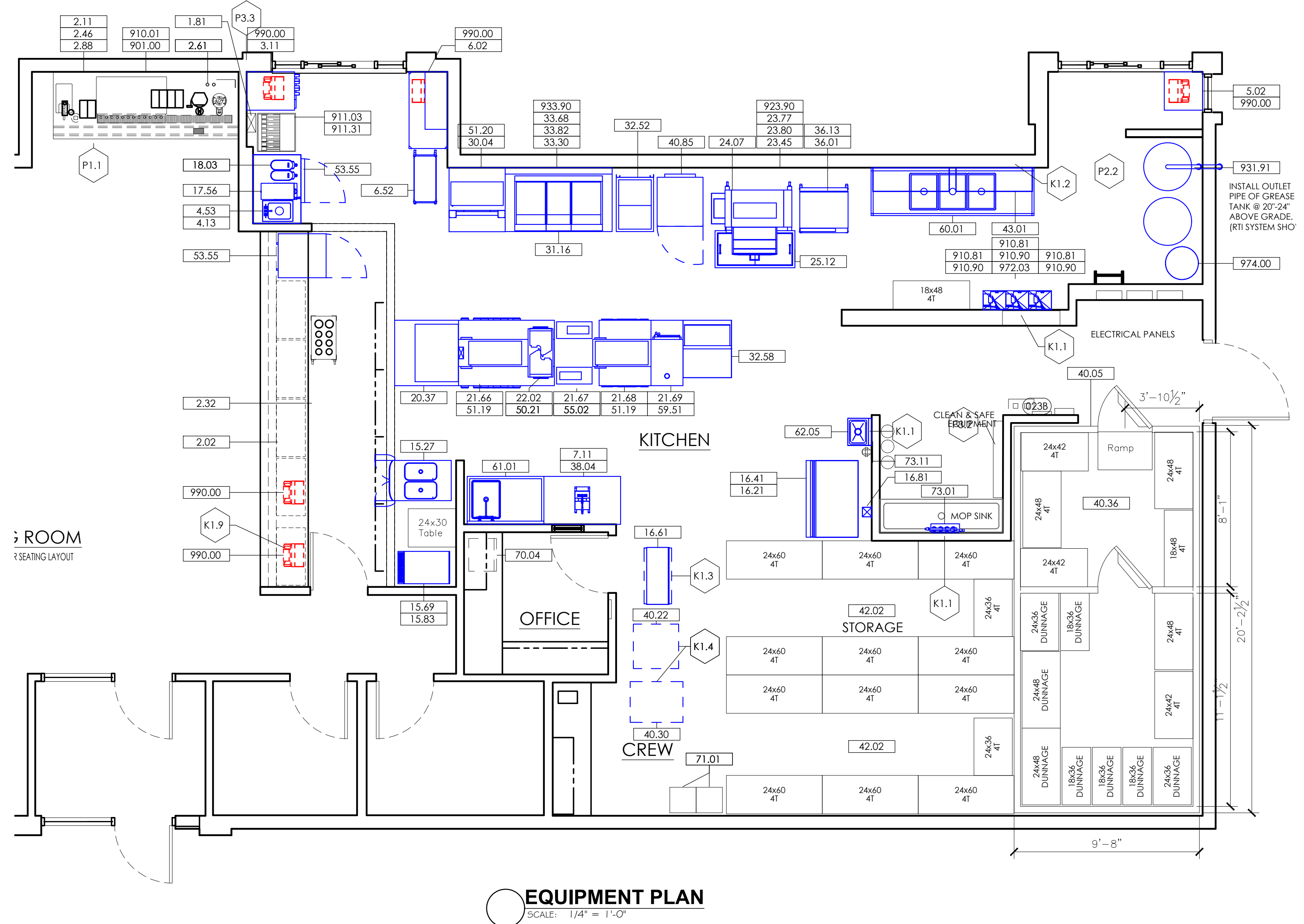
DIRECTORY OF MANUFACTURERS AND SUPPLIERS

This list is intended to assist the contractor in sourcing building materials and products. In many cases, approved Burger King materials and products may be purchased directly from these sources at a national accounts price. For a complete listing of approved manufacturers, see plans and specifications, and visit RSJ's eRedbook.

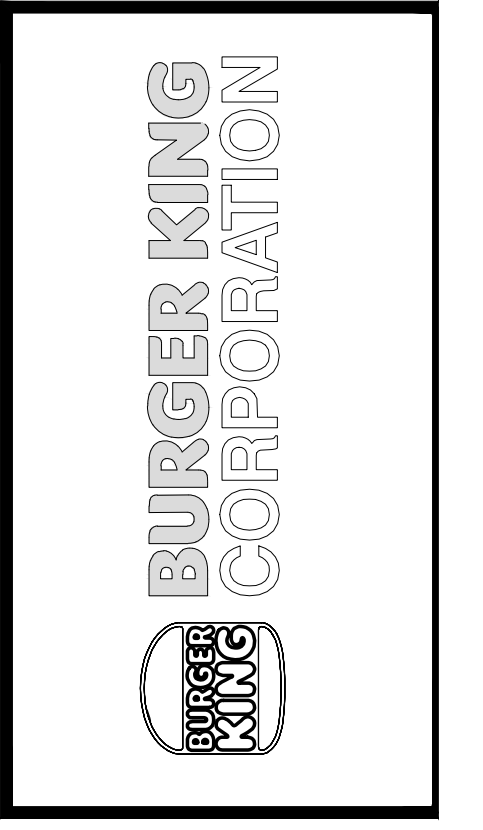
UPDATE: 7-15-2021		DIVISION 9 - FINISHES		DIVISION 15 - MECHANICAL		EQUIPMENT, PLAYGROUNDS AND DÉCOR		
DIVISION 4 - MASONRY PINE HALL BRICK CO. (THIN BRICK & FACE BRICK) 2701 SHOREFAIR DRIVE, NW WINSTON-SALEM, NC 27105 THERESA BEANE: (800) 334-8689 TREANE@PINEHALLBRICK.COM	EVOLUTION BRICK (THINK BRICK, PANELIZED THIN BRICK & FACE BRICK) 126 OLD HIGHWAY 60 EAST HARDINSBURG, KY 40143 GABE POWERS: (502) 558-4612 gabe@evolutionbrick.com	FOR FINISH MATERIALS, AND CONTACTS, REFER TO FINISH SCHEDULES FOUND IN THE "COMMON DOCUMENTS" SECTION OF THE WWW.DESIGNWITHBK.COM WEBSITE.	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&DOB 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@bmcce.com	
HC MUDDOX BRICK CO. (FACE BRICK) 4875 BRADSHAW ROAD SACRAMENTO, CA 95827 ERIN LYNCH 916-206-7831	BORAL STONE (MANUFACTURED STACKED STONE) 1370 GRAND AVENUE, SUITE B SAN MARCOS, CA 92078 SUSAN KING 1413 207-7285 Susan.King@boral.com culturestone@boral.com	ARMSTRONG STRATEGIC ACCOUNTS (CEILING TILE) CHERYL SMITH 252-214-4426 cbsmith@armstrongceilings.com OR ARMSTRONG STRATEGIC ACCOUNTS (800) 442-4212 armstrongceiling.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 510-826-4602 david.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
DIVISION 5 - METALS ADDISON STEEL (STRUCTURAL STEEL) ADDISON, IL 256-747-1554	DIVISION 6 - WOODS, COMPOSITES REDBUILT TRUSSES (PRE-FABRICATED ENGINEERED TRUSSES) Delaware, OH 43015 JARVIS JACKSON 740-368-4229 jjackson@redbuilt.com	DIVISION 10 - SPECIALTIES BOBRICK/KOALA KARE PRODUCTS (RESTROOM ACCESSORIES, TOILET PARTITIONS & HARDWARE, BABY CHANGING TABLES & HIGHCHAIRS) CONTACT: HAINES, JONES, & CADBURY (HJC) RESTROOM REMODELS COMPANY HAMILTON PARKER	SPROVERI'S CUSTOM COUNTERS (CORIAN VANITY SINKS) 15 LAURA DRIVE ADDISON, IL 60101 CONTACT: HAINES, JONES, & CADBURY (HJC) RESTROOM REMODELS COMPANY	3M FOOD SERVICE (WATER FILTERS) 3M CENTER BLDG. 223-2N-20 ST. PAUL, MN 55144-1000 DAVID RADCLIFF 518-281-7754 dpradcliff@mnm.com foodservice@mnm.com	ANTUNES (WATER FILTERS) 180 KEHOE BOULEVARD LINCOLNSHIRE, IL 60089 SUSAN SUTTER 630-784-3447 susan.sutter@antunes.com	LG ELECTRONICS (INTERIOR & OUTDOOR DIGITAL MENU BOARD SCREENS) 2000 MILLBROOK DRIVE LINCOLNSHIRE, IL 60089 MICHAEL HA 847-941-8855 michael.ha@lge.com	3M FOOD SERVICE BUSINESS (DRIVE THRU HEADSETS) 3M CENTER BLDG. 223-2N-20 ST. PAUL, MN 55144-1000 JOE CIAMP 704-771-2449 jciamp@mnm.com	CHARTER HOUSE INC. (INTERIOR & EXTERIOR DÉCOR) 4660 136 AVENUE HOLLAND, MI 49424 800-314-7559 KEITH LEBERT 248-996-0315 keith.lebert@charter-house.com
DIVISION 7 - THERMAL MOISTURE PROTECTION DURO-LAST ROOFING (FLAT ROOFING) 525 MORLEY DRIVE SAIGON, MI 48601 nationalaccounts@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) CONTACT: HAINES, JONES, & CADBURY (HJC) RESTROOM REMODELS COMPANY HAMILTON PARKER	RESTROOM REMODELS COMPANY (RESTROOM PLUMBING & ACCESSORIES, CORIAN SINKS) 15 HAMMATT STREET IPSWICH, MA 01938 KRISNI MACIEL 978-525-0008 kris@restroomremodels.com	ECOLAB (WATER FILTERS) 1801 RIVERBEAN WEST DRIVE FORT WORTH, TX 76118 AL POWELL 816-206-2513 al.powell@ecolab.com	CARRIER CORPORATION (AIR CONDITIONING) 6304 CARRIER PARKWAY IPSWICH, MA 01938 KEN REVILLA 954-218-0070 ken.revilla@carrier.com	HM ELECTRONICS, INC (HME) (DRIVE THRU HEADSETS) 14110 STOWIE DRIVE POWAY, CA 92064 STEVE LEE 858-648-3704 s.lee@hme.com	FRANKIE (KITCHEN EQUIPMENT CONSOLIDATOR, SMALLWARES, HOODS) 800 AVIATION PARKWAY ST. PAUL, MN 55144-1000 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
BERRIDGE ROOFING (METAL ROOF) TYLER HALL SAN ANTONIO, TX 210-650-7047	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 NARIANNAH, 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)646-8386 x335 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 ROSELBURG, OR 97470 PRESTON O'HARA 800-322-7328 EXT 284 prestonohara@fccfurn.com
FIRESTONE METAL PRODUCTS (METAL ROOF) 1361 ALPS ROAD WYMAN, NJ 07470 (201) 628-3000 koreedayusuke@firestonebp.com	G.A.F. (FLAT ROOF) 555 KOOPMAN LANE WAYNE, NJ 07470 (201) 628-3000 800-766-3411	SAN JAMAR (KITCHEN PAPER TOWEL DISPENSORS & SUPPLIES) 310 SW 24TH STREET BENTONVILLE, AR 72712 bk@hjcinc.com OR 800-459-7099	WORLD DRYER, CO (HAND DRYERS) CONTACT: HAINES, JONES, & CADBURY (HJC) RESTROOM REMODELS COMPANY HAMILTON PARKER	FRANKIE, INC. (BROILER AND FRYER VENTILATION HOODS) 900 AVIATION PARKWAY SKYMNIA, NC 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 (BROILER AND FRYER VENTILATION HOODS) 2200 SKYLINE DR DALLAS, TX 75223 HEATHER VALVERDE 561-626-1020 heather.valverde@hki.com	NIECO CORPORATION (BROILERS & PRODUCT HOLDING UNITS) 7950 CAMERON DRIVE WINDSOR, CA 95492 GUIDO NAVA 916-303-6824 gnav@nieco.com	FACILITY CONCEPTS, INC (FCI) (DECOR) 7676 ZENOVILLE ROAD INDIANAPOLIS, IN 46268 (800)915-8800 customerservice@fcifci.com KEN WEAVER kweaver@fcifci.com
NICHHA USA LLC (FIBEREMENT PANELS) 6465 EAST JOHNS CROSSING, SUITE 250 JOHNS CREEK, GA 30097 NICHHA CUSTOMER SERVICE (770) 805-9466 BK@NICHHA.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) 10900 SOUTHWEST AVERY STREET TUALATIN, OR, 97062 ROB CARMICHAEL 770-265-2562 Rob.Carmichael@gaylorventilation.com	GAYLORD INDUSTRIES, INC (BROILER AND FRYER VENTILATION HOODS) 10900 SOUTHWEST AVERY STREET TUALATIN, OR, 97062 ROB CARMICHAEL 770-265-2562 Rob.Carmichael@gaylorventilation.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 FRIATOR (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 JACOB DEPSSLER jdepssler@seating-concepts.com	
NICHHA USA LLC (FIBEREMENT PANELS) 6465 EAST JOHNS CROSSING, SUITE 250 JOHNS CREEK, GA 30097 NICHHA CUSTOMER SERVICE (770) 805-9466 BK@NICHHA.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) 10900 SOUTHWEST AVERY STREET TUALATIN, OR, 97062 ROB CARMICHAEL 770-265-2562 Rob.Carmichael@gaylorventilation.com	GAYLORD INDUSTRIES, INC (BROILER AND FRYER VENTILATION HOODS) 10900 SOUTHWEST AVERY STREET TUALATIN, OR, 97062 ROB CARMICHAEL 770-265-2562 Rob.Carmichael@gaylorventilation.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 FRIATOR (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 JACOB DEPSSLER jdepssler@seating-concepts.com	
NICHHA USA LLC (FIBEREMENT PANELS) 6465 EAST JOHNS CROSSING, SUITE 250 JOHNS CREEK, GA 30097 NICHHA CUSTOMER SERVICE (770) 805-9466 BK@NICHHA.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) 10900 SOUTHWEST AVERY STREET TUALATIN, OR, 97062 ROB CARMICHAEL 770-265-2562 Rob.Carmichael@gaylorventilation.com	GAYLORD INDUSTRIES, INC (BROILER AND FRYER VENTILATION HOODS) 10900 SOUTHWEST AVERY STREET TUALATIN, OR, 97062 ROB CARMICHAEL 770-265-2562 Rob.Carmichael@gaylorventilation.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 FRIATOR (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 JACOB DEPSSLER jdepssler@seating-concepts.com	
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KES EQUIPMENT SCHEDULE

ITEM #	QTY.	DESCRIPTION	MANUFACTURER	MODEL #	UL #	NSF
1.81	1	SERVICE CHASE	FRANKE	-	-	2
2.02	10	DRY STORAGE SHELVING	INTERMETRO	-	-	2
2.04	20	UNDERCOUNTER POST	INTERMETRO	-	-	2
2.11	1	CUP LID HOLDER	FRANKE	-	-	2
2.32	1	MOBILE CUP DISPENSER CART	FRANKE	-	-	2
2.46	1	STRAW DISPENSER	VOLLRATH	3815-28	-	2
2.61	2	UNIVERSAL CONDIMENT HOLDER	FRANKE	-	-	2
2.88	1	EXTREME COUNTERTOP DISPENSER	SERVER PRODUCTS	ECD 07500	-	2
3.11	1	24"W x 30"D DRIVE THRU TABLE W/CUP DISPENSER	FRANKE	-	-	2
4.13	1	DRIVE THRU TABLE W/ HAND SINK	FRANKE	18006428	-	2
4.53	1	DROP-IN-SINK	ADVANCE TABCO	DI-1-5	-	2
5.02	1	POS TABLE	FFSUS	-	-	2
6.02	1	DRIVE THRU WORKSTATION	INTERMETRO	BKROC2448DT	-	2
6.52	1	14" X 30" ORDER ASSEMBLY CART	INTERMETRO	BKBC1430	-	2
7.11	1	SLICER, SABER KING	PRINCE CASTLE	980-000-00	-	2
15.27	1	HEAT TREAT COMBINATION SHAKE/SUNDAE MACHINE	TAYLOR	C606	SA2650	6
15.69	1	FROZEN BEVERAGE DISPENSER	FBD	12-7361-0010	-	2
15.83	1	FROZEN BEVERAGE DISPENSER CART	FBD	12-2516-0003	-	2
16.21	1	ICE MACHINE	HOSHIZAKI	KM1301SRJ-BK	-	12
16.41	1	ICE STORAGE BIN	HOSHIZAKI	B-800SF-BK	-	2
16.61	1	ICE MACHINE REMOTE CONDENSING UNIT	HOSHIZAKI	URC-14F	-	2
16.81	1	WALL SERVICE CHASE	FRANKE	-	-	2
17.56	1	INFUSION TEA COFFEE BREWER	BUNN-O-MATIC	ITCB-DV	-	2
18.03	2	ICED TEA DISPENSER - SLIM	BUNN-O-MATIC	-	-	2
20.37	1	41" EXPEDITER STATION STD FLOW	FRANKE	EXPO5	E163328	2
21.66	1	60" PREP MODULE "A" - (ABCD/ACBD)	FRANKE	-	-	2
21.67	1	28" BUN TOASTER MODULE "B"	FRANKE	-	-	2
21.68	1	32.5" PREP MODULE "C"	FRANKE	-	-	2
21.69	1	20" PREP MODULE "D"	FRANKE	-	-	2
22.02	1	UNIVERSAL ONCUE MICROWAVE OVERSHELF	FRANKE	-	-	2
23.45	1	91" BROILER HOOD	FRANKE	18022081	-	2
23.77	1	EXHAUST FAN	FRANKE	18020256	UL 762	2
23.80	1	ROOF CURB	FRANKE	18018809	-	2
24.07	1	BROILER	DUKE	FBB-NO-120	-	4
25.12	1	50" MEAT WELL FREEZER	FRANKE	-	-	2
30.04	1	35" FRY STATION - ROC	FRANKE	-	-	4
31.16	1	3 - BANK FRYER	PITCO	BK-SSH60W/55/60W-FD	-	4
32.52	1	PRODUCT HOLDING FREEZER	FRANKE	-	-	7
32.58	1	REFRIGERATED BATTER STATION	H&K	52976	-	7
33.30	1	67" FRYER HOOD	FRANKE	18022081	-	2
33.68	1	EXHAUST FAN	FRANKE	18020256	UL 762	2
33.82	1	ROOF CURB	FRANKE	18018809	-	2
36.01	1	CONVECTION OVEN	LANG MANUF.	ECOH-PP2-08BK	-	2
36.13	1	CONVECTION OVEN STAND	FRANKE	-	-	2
38.04	1	30"W x 24"D x 36"H WORK TABLE W/ 4" BACKSPLASH	FRANKE	-	-	2
38.04	1	48"W x 30"D x 36"H WORK TABLE	FRANKE	-	-	2
40.05	1	WALK-IN COOLER/FREEZER BOX	NORLAKE	-	-	7
40.22	1	WALK-IN COOLER CONDENSING UNIT	NORLAKE	MHMD010AC	-	7
40.30	1	WALK-IN FREEZER CONDENSING UNIT	NORLAKE	MSLD020AC	-	7
40.36	1	WALK-IN COOLER EVAPORATOR	NORLAKE	E1MD0078A-TA2	-	7
40.41	1	WALK-IN FREEZER EVAPORATOR	NORLAKE	E1LD0056B-TE2	-	7
40.85	1	REACH-IN FREEZER	TURBO AIR	M3F24-2-N	-	7
41.02	28	COLD STORAGE SHELVING	INTERMETRO	-	-	2
41.03	8	RACK DUNNAGE - COLD	NEW AGE	-	-	2
42.02	60	DRY STORAGE SHELVING	INTERMETRO	-	-	2
42.20	88	POST	INTERMETRO	-	-	2
43.01	1	DOUBLE SMARTWALL SHELVING	INTERMETRO	BKSWP8446DBL	-	3
50.21	2	MICROWAVE	ACP	OC24HBK	-	2
51.19	2	MULTI-PRODUCT HOLDING UNIT	DUKE	HS2-34-2086T2R	-	4
51.20	1	MULTI-PRODUCT HOLDING UNIT	DUKE	HS2-24-2084T1R	-	4
53.55	2	REACH-IN UNDERCOUNTER REFRIGERATOR - FIELD REVERSIBLE DOOR	TURBO AIR	MUR-28-N-1C	-	7
55.02	2	RAPID VERTICAL TOASTER	ANTUNES	BKT-2V	-	4
59.51	1	EGG COOKER	A.J. ANTUNES & CO.	ES-1200	E49407	4
60.01	1	3 COMPARTMENT SINK	FRANKE	-	-	2
61.01	1	ONE COMPARTMENT SINK W/ LH DRAINBOARD	FRANKE	-	-	2
62.05	1	HANDS-FREE WASH STATION SINK	JOHN BOOS	PBHS-W/KVMB-1	-	2
70.04	1	SAFE W/ ANCHORING	FIRE KING SECURITY	BSD2920	-	2
71.01	2	LOCKER	PENCO PRODUCTS	EL10/S/GRAY	-	2
73.01	1	WATER FILTER	EVERPURE	CB20-312E	-	2
73.11	1	FILTER FEEDER SCALE INHIBITOR	EVERPURE	SR-X	-	2
901.00	1	9"-8" ROC MAIN BEVERAGE STATION	FRANKE	18023142	-	2
910.01	1	ICE/SODA DISPENSER	LANCER	IBD 4500-44	UL763	18
910.81	3	CARBONATOR	LANCER	85-1923-00	UL403	2
910.90	3	SHELF CARBONATOR F/ LANCER	LANCER	82-3876	-	2
911.03	1	ICE/SODA DISPENSER	LANCER	85-2378T-124	-	18
911.31	1	ICE/SODA CONVERSION STAND	LANCER	84-0058	-	2
923.90	1	FIRE PROTECTION SYSTEM	VERIFY	VERIFY	-	OTHERS
931.91	1	SHORTENING DISPOSAL CADDY SYSTEM	DARLING INT.	1500-C	-	2
933.90	1	FIRE PROTECTION SYSTEM	VERIFY	VERIFY	-	OTHERS
972.03	1	BAG-N-BOX SYRUP RACK	CORNELIUS	621065776	-	2
974.00	1	CO2 BULK SYSTEM	VERIFY	VERIFY	-	OTHERS
990.00	5	P.O.S. SYSTEM	VERIFY	VERIFY	-	OTHERS



Notes	FOR SUBMITTAL TO CITY PLANNING
By	DB
Date	
No.	
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Checked:	SB
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Date:	---21



TECHNICAL GROUP, INC.
FARMINGTON HILLS, MI 48331
P: (248) 426-6000 F: (248) 426-7004

PROJECT	BURGER KING 1440 HAPPAWEE ST. ELMHART, IN 46514
SHEET TITLE	EQUIPMENT PLAN

JOB #	TG-21668
SHEET	EQ-1

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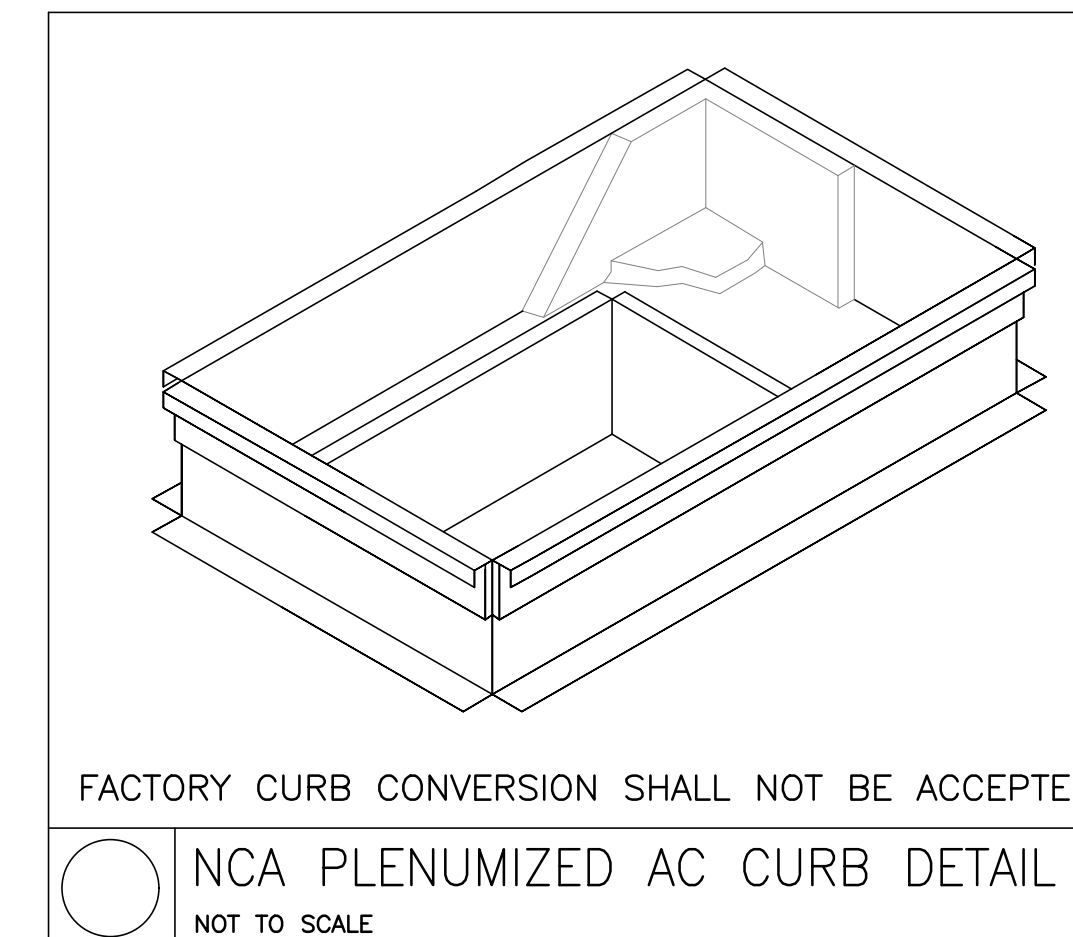
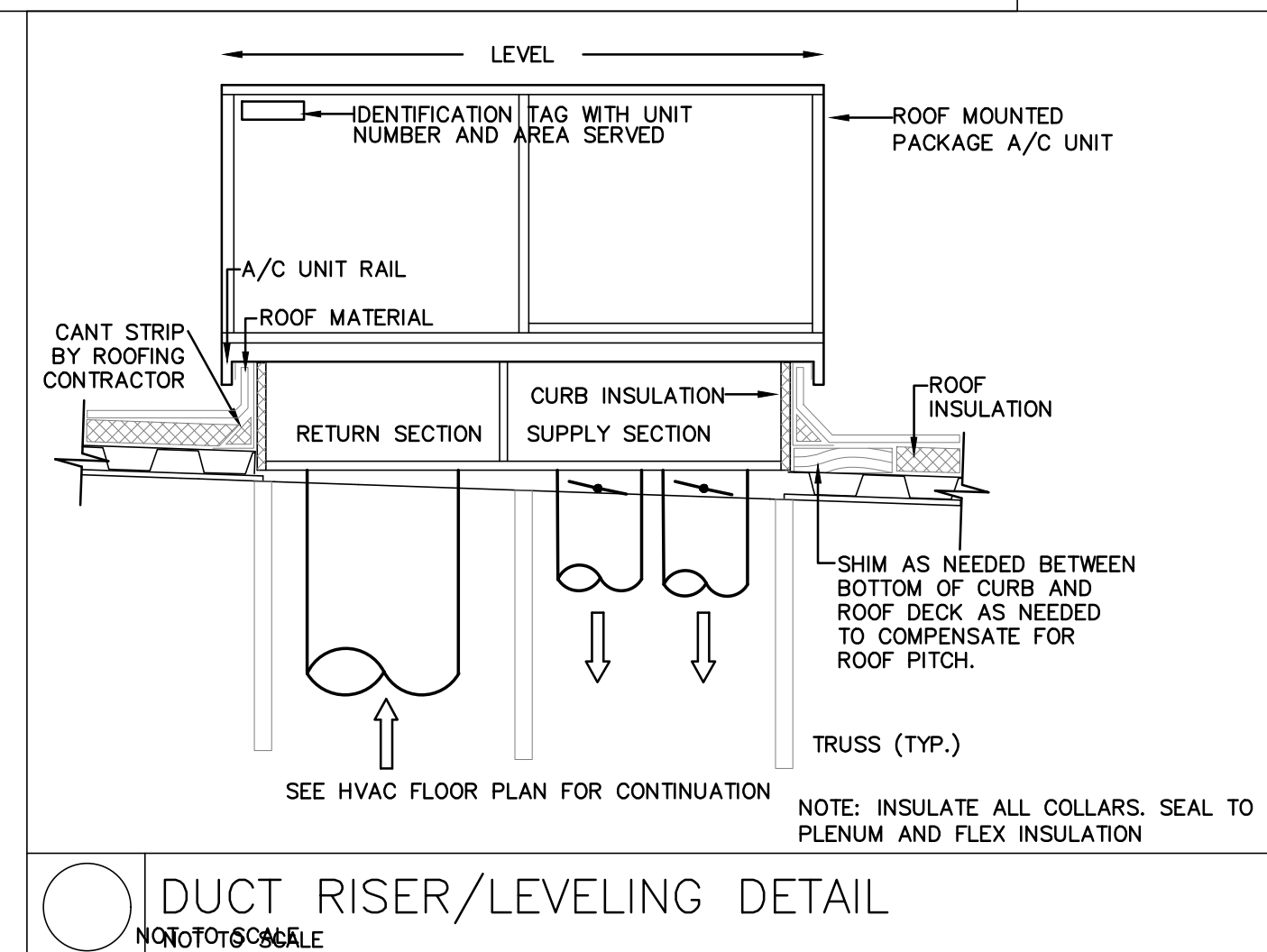
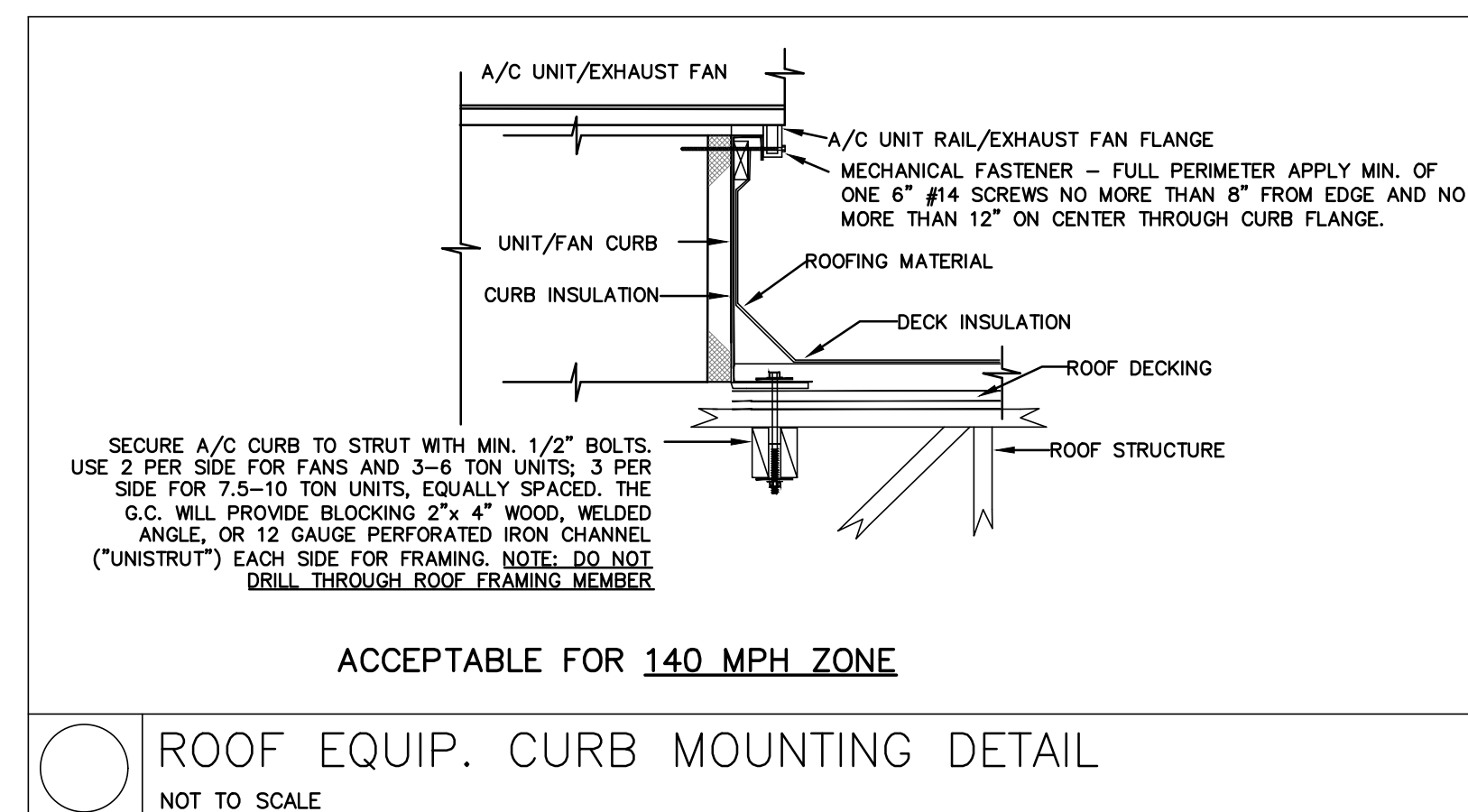
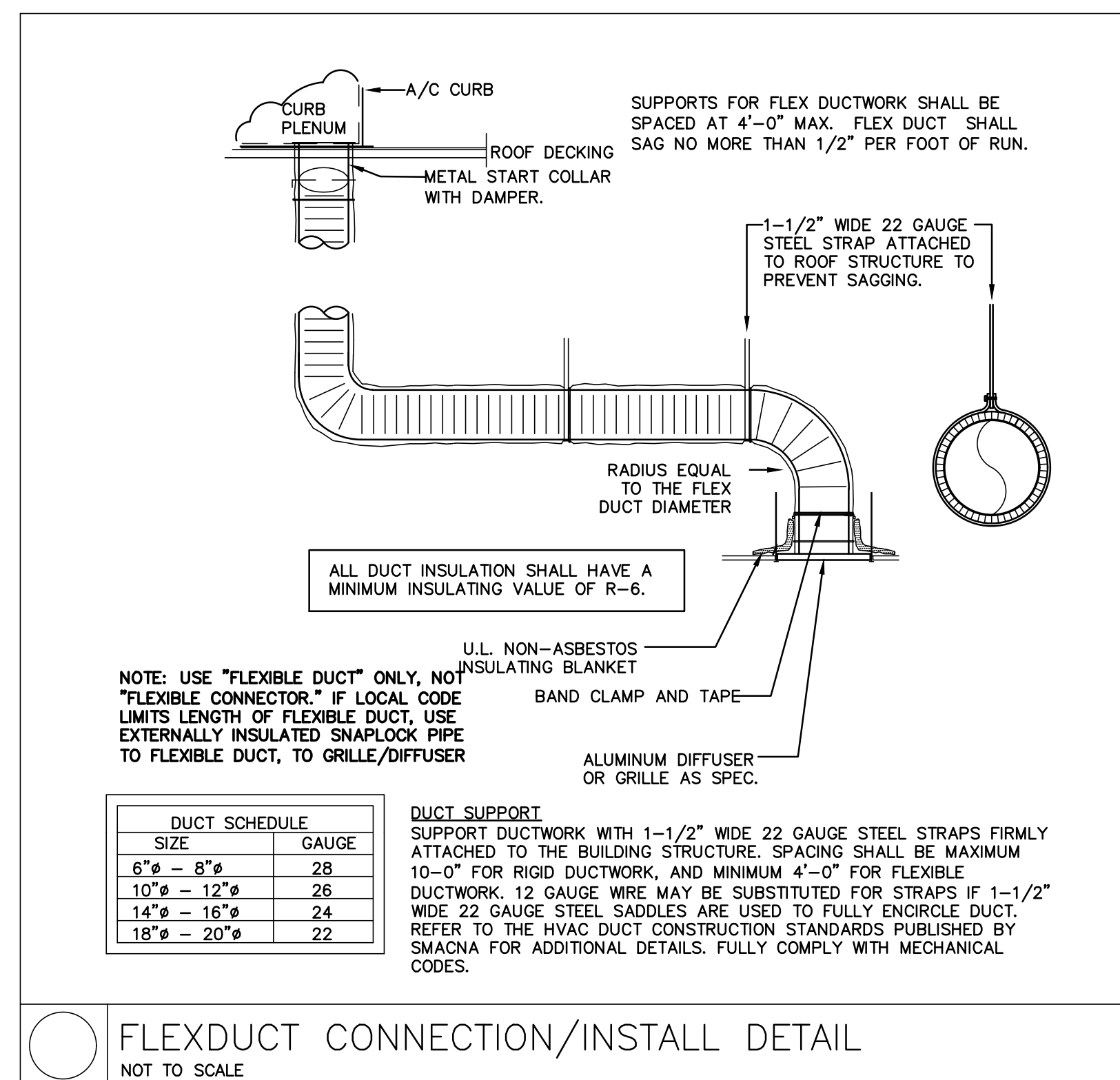
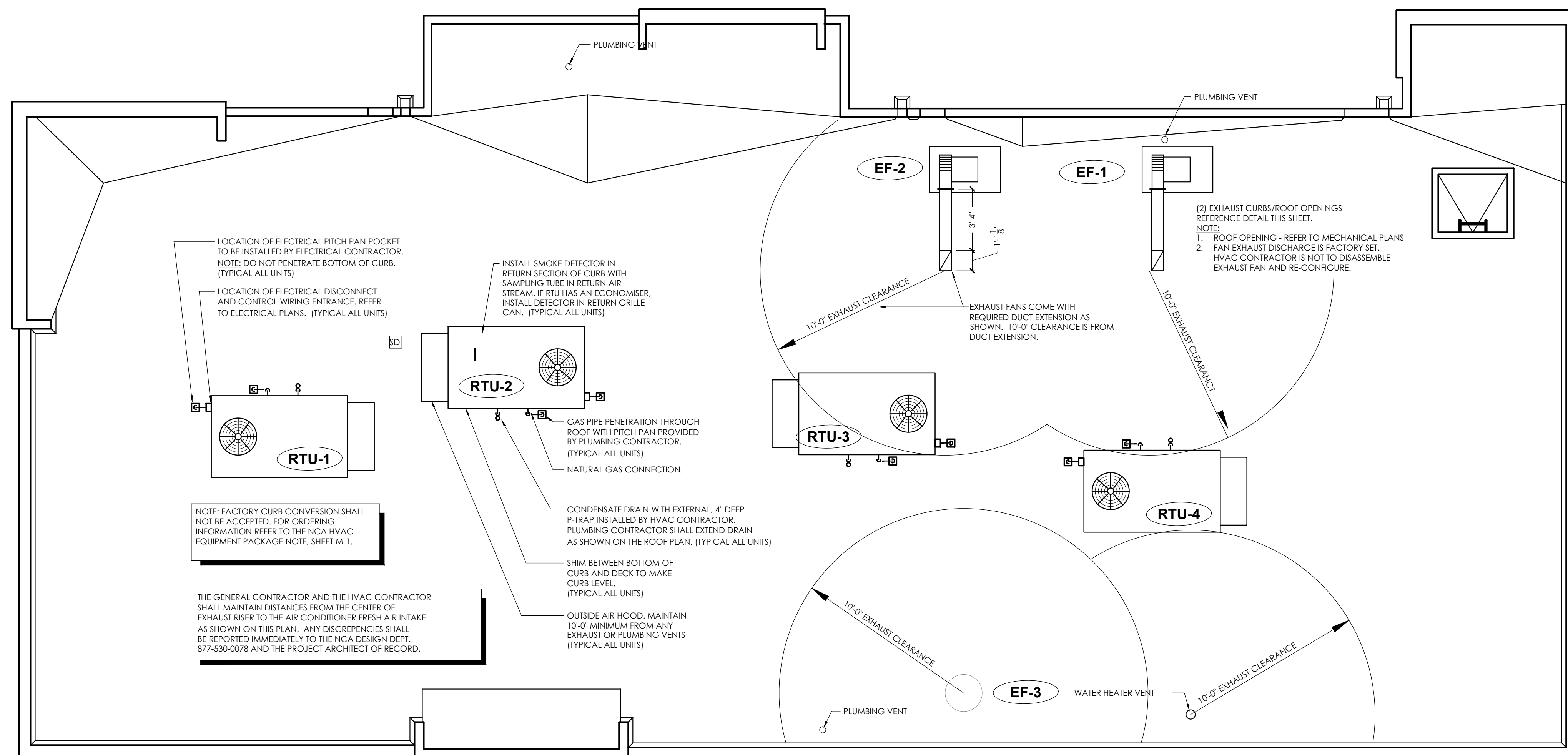
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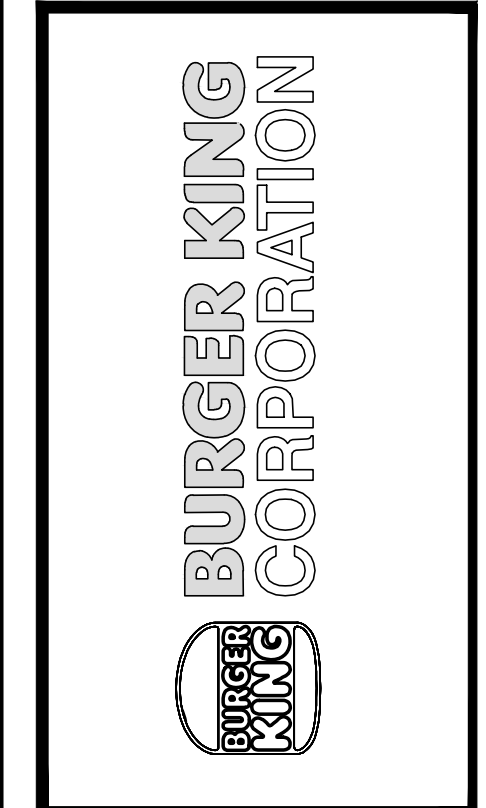
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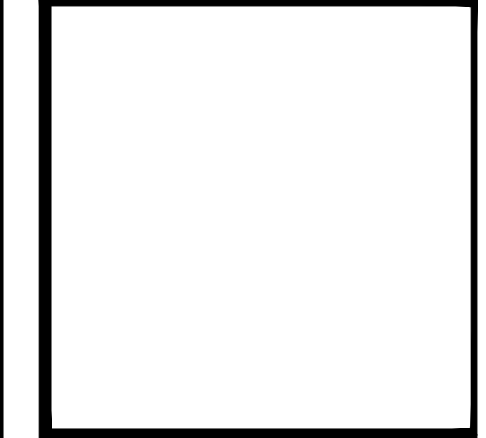
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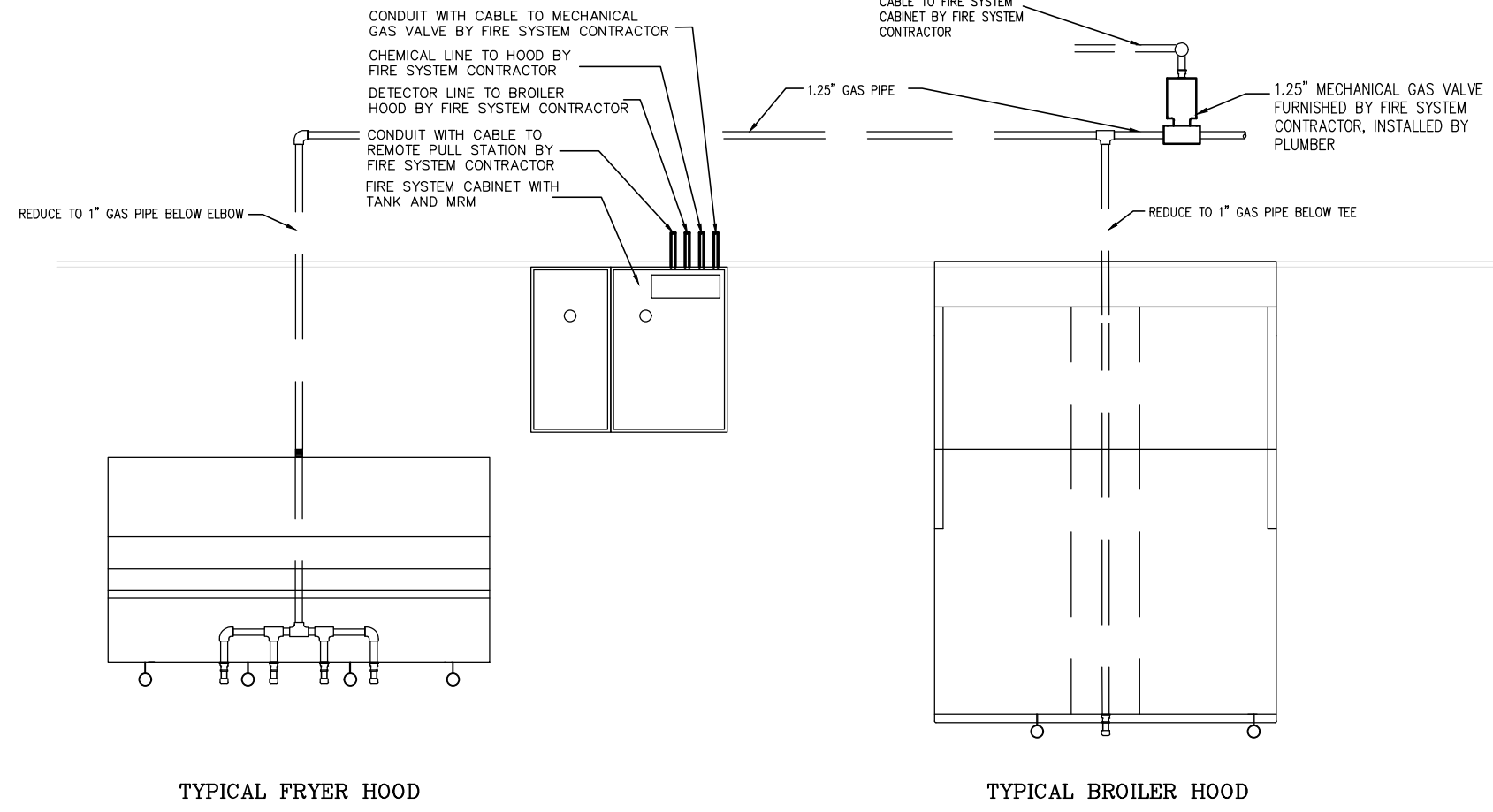
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SHEET TITLE
H.V.A.C. ROOF PLAN AND DETAILS

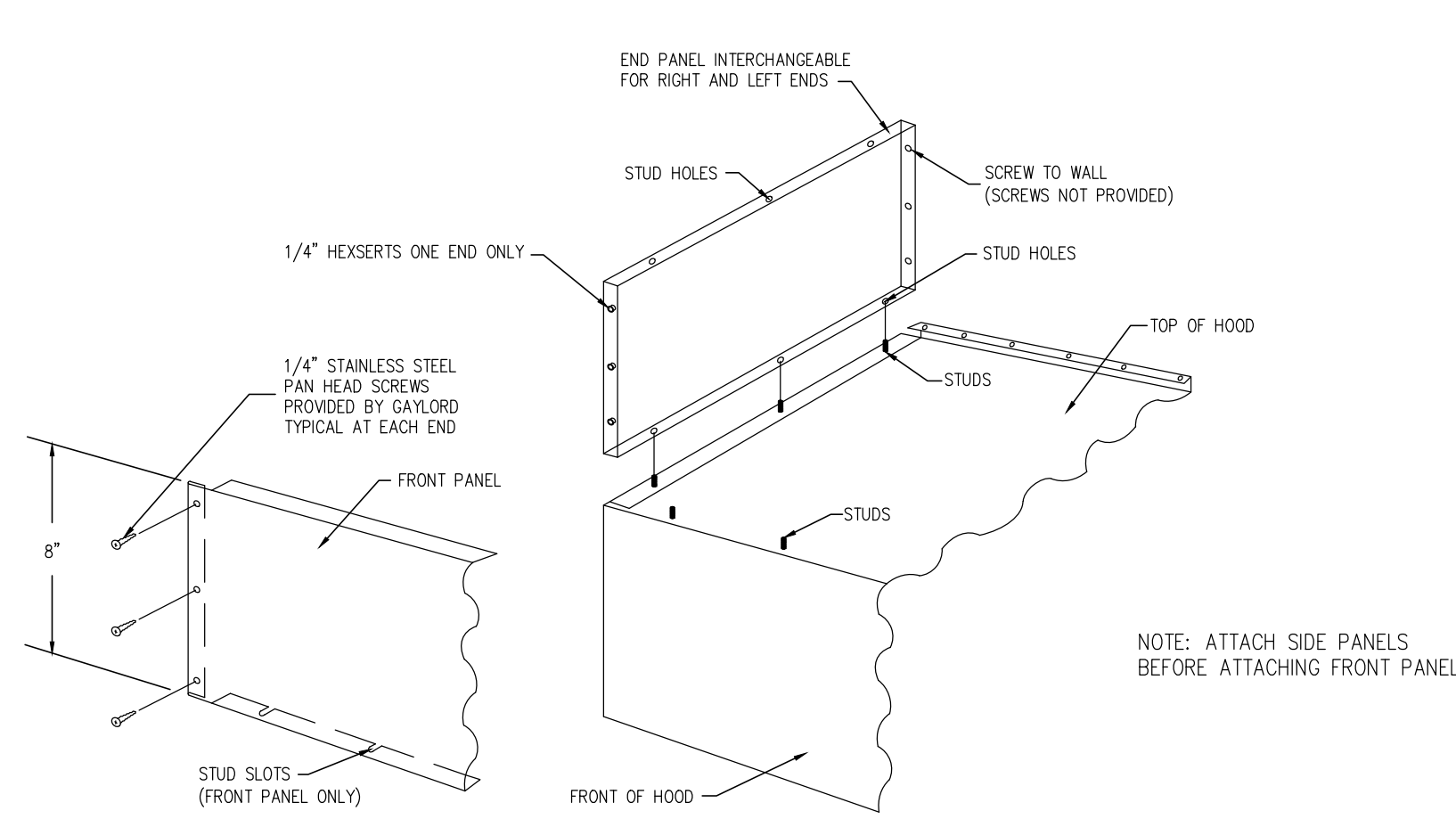
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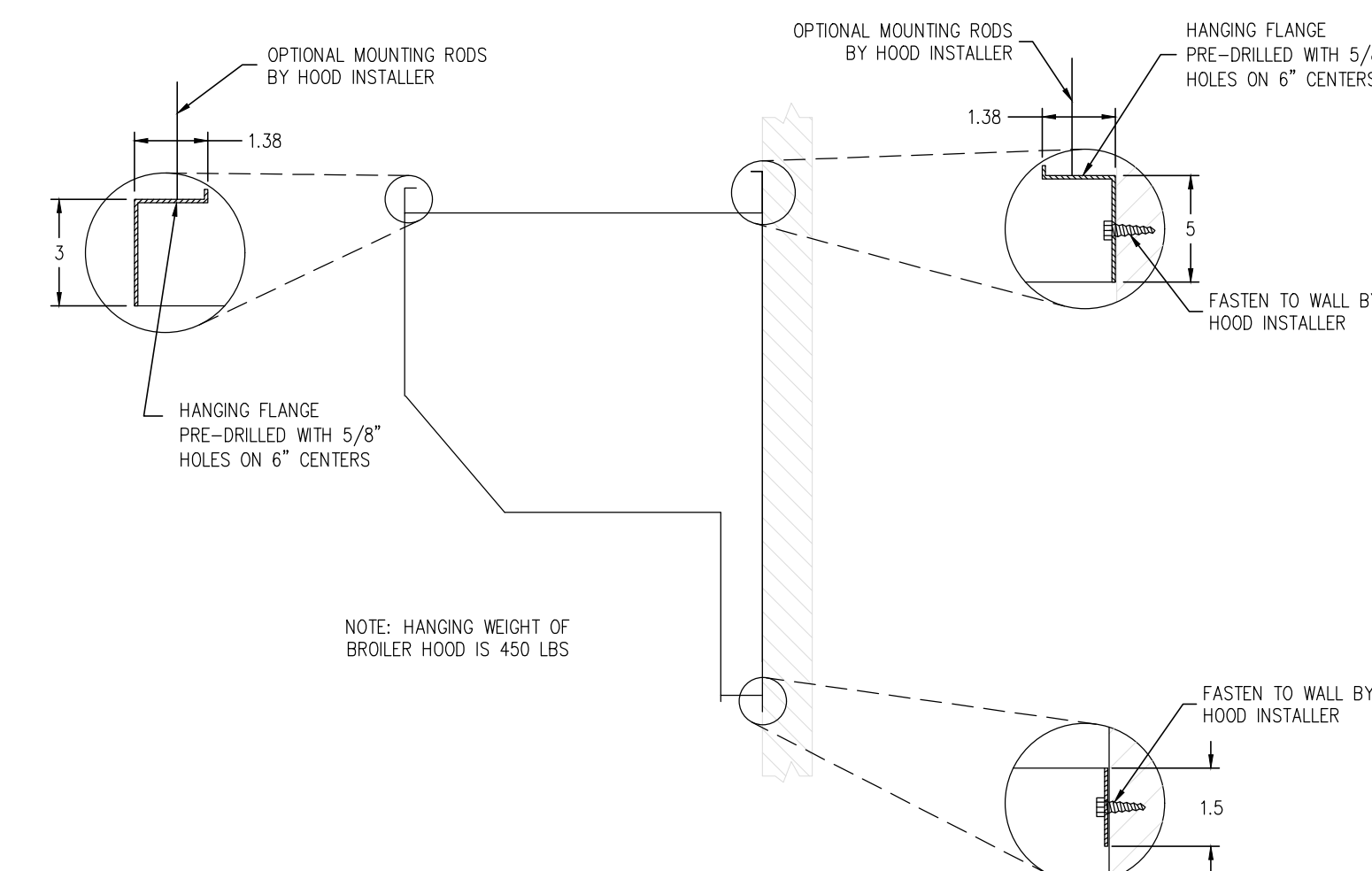
SHEET
M-2



TYPICAL OPTIONAL WALL MOUNTED FIRE SYSTEM ARRANGEMENT USING ONE SYSTEM TO SERVE BOTH HOODS



BROILER HOOD ENCLOSURE PANELS INSTALLATION INSTRUCTIONS

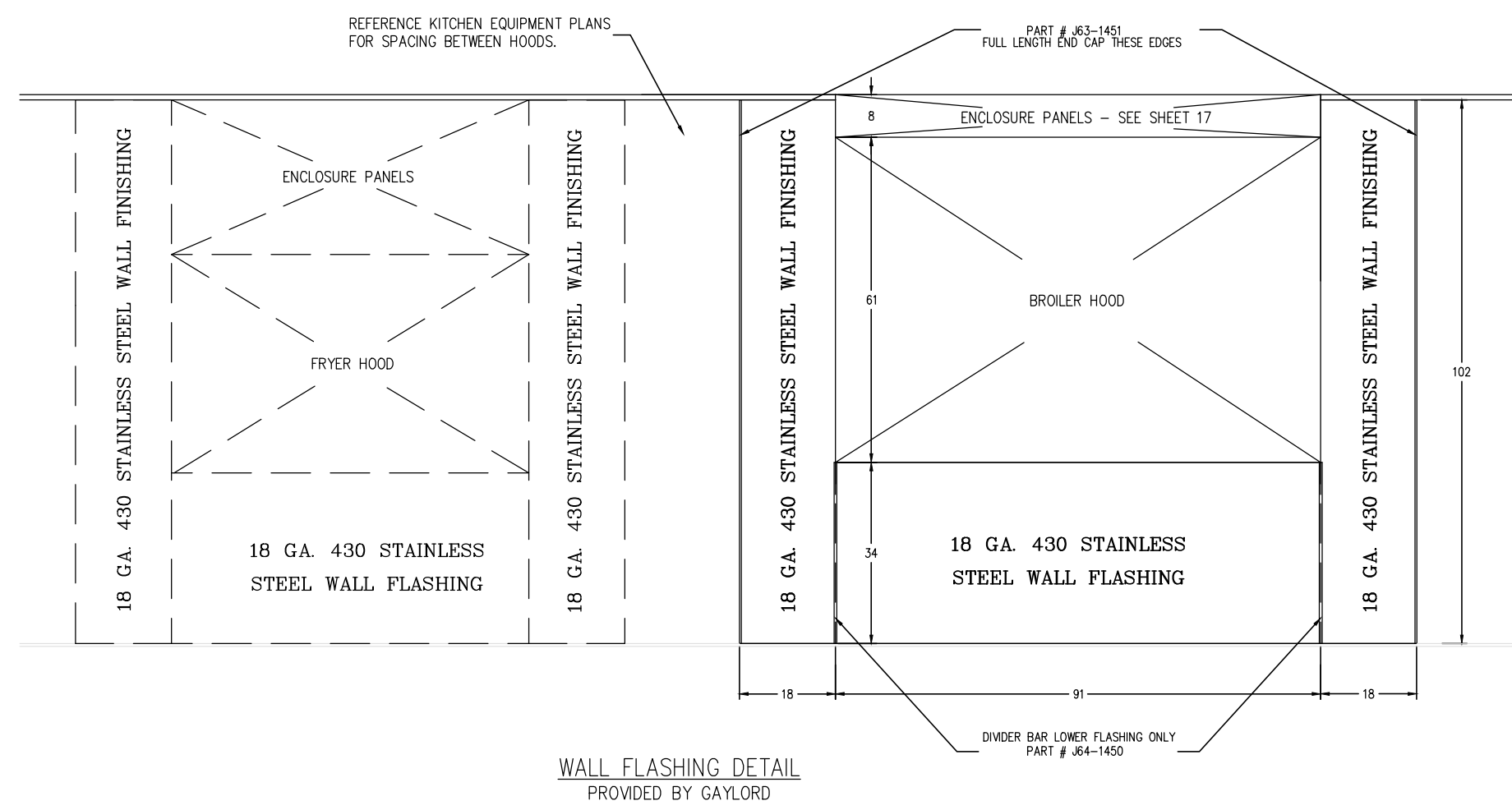


HANGING DETAIL FOR BROILER/OVEN HOOD

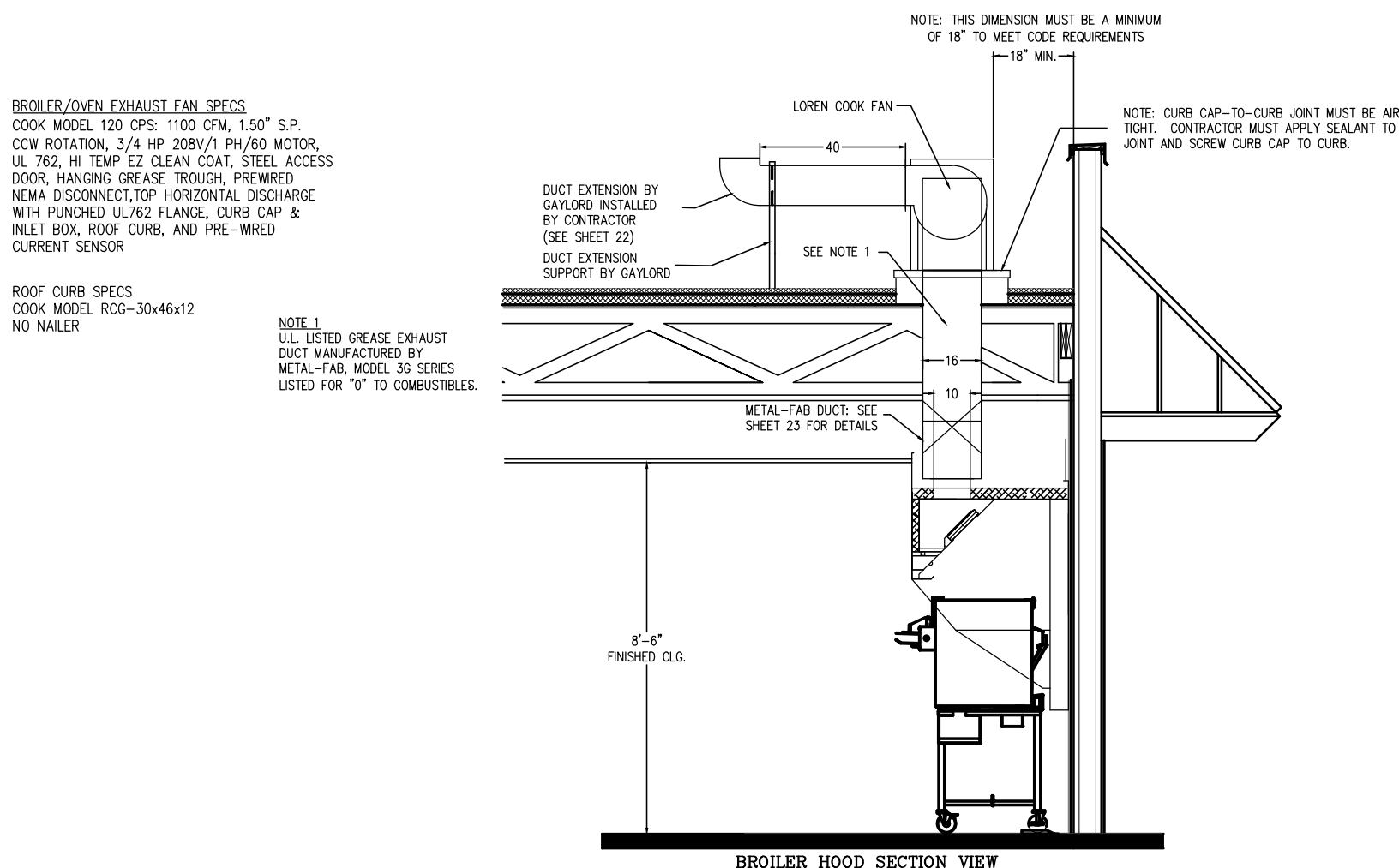
REV	DATE	DESCRIPTION	APP'D	BY	DATE	MODEL #	ITEM #	WORK ORDER	DATE
05	11/25/09	NO CHANGE							11/25/09
04	8/08/11	REVISED MODEL # TO ELX				ELX-ND-BL-FM-08-43-(BK-NA-80H-7-7)			N.T.S.
03	6/22/10	CHANGED NOTES							C-12644
02	2/24/10	NO CHANGE							

REV	DATE	DESCRIPTION	APP'D	BY	DATE	MODEL #	ITEM #	WORK ORDER	DATE
05	11/25/11	NO CHANGE							11/25/09
04	8/08/11	REVISED MODEL # TO ELX				ELX-ND-BL-FM-08-43-(BK-NA-80H-7-7)			N.T.S.
03	6/22/10	CHANGED ENCLOSURE PANEL DESIGN							C-12644
02	2/24/10	CHANGED PANEL HEIGHT							

REV	DATE	DESCRIPTION	APP'D	BY	DATE	MODEL #	ITEM #	WORK ORDER	DATE
05	11/25/11	NO CHANGE							11/25/09
04	8/08/11	REVISED MODEL # TO ELX				ELX-ND-BL-FM-08-43-(BK-NA-80H-7-7)			N.T.S.
03	6/22/10	NO CHANGE							C-12644
02	2/25/10	NO CHANGE							



WALL FLASHING DETAIL PROVIDED BY GAYLORD



BROILER HOOD SECTION VIEW

Instructions for Mounting the Roof Curb Typical for both the Fryer & Broiler fans

Cutting Hole in The Roof Deck

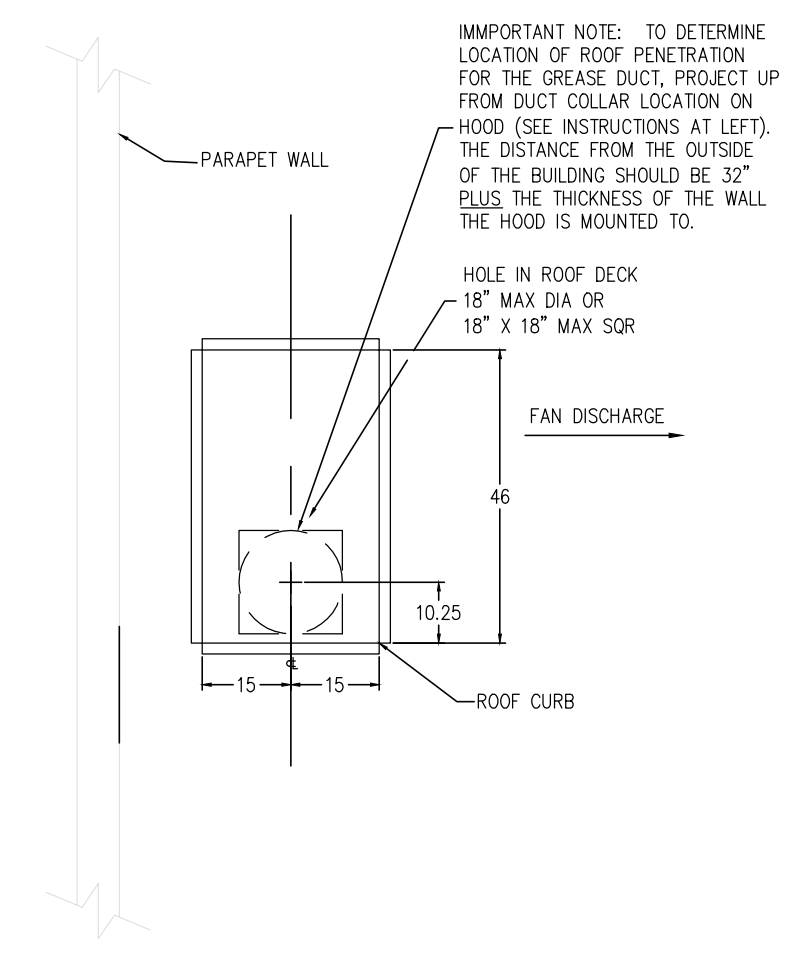
- The hood exhaust duct collar is located, left to right, in the center of the hood, and located 29" off the sheet-rocked kitchen wall to the center of the duct.
- Project this centerline dimension to the roof deck and cut a hole a minimum of 17" in diameter and no greater than 18". A square hole of the same dimension may also be cut.

Spotting the Roof Curb

- The roof curb is not symmetrical and therefore it is very important that it be installed per these instructions.
- The curb is set at parallel the parapet wall as shown on the illustration at the right.
- The discharge of the exhaust fan is horizontal and faces away from the roof parapet.
- As you face the parapet wall (imagine fan outlet facing you when in place) the left out side edge of the curb should be 10.25" to the left of the centerline of the hole cut in the roof deck. You should then have 35.75" from the centerline of the hole to the right hand edge of the curb.
- The curb should be set away from the parapet wall so that it is centered over the hole in the roof deck.
- Attach the curb to the roof with the appropriate number and size of screws through the roof curb flange.

STOP

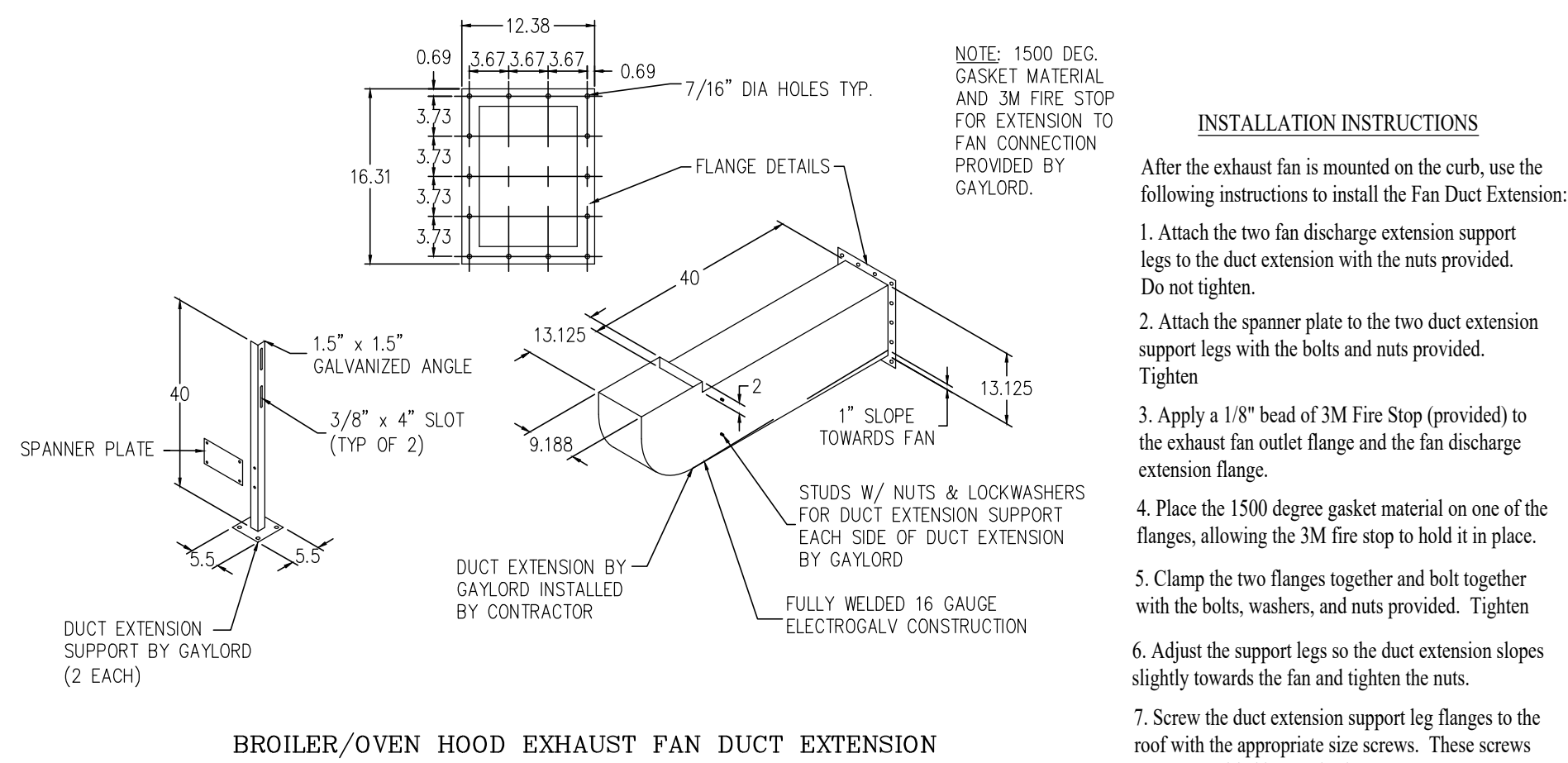
Do not install the exhaust fan. The Metal-Fab grease duct must be installed before the exhaust fan. Refer to Sheet #24 and Metal-Fab Factory Instructions.



REV	DATE	DESCRIPTION	APP'D	BY	DATE	MODEL #	ITEM #	WORK ORDER	DATE
05	11/25/11	NO CHANGE							11/25/09
04	8/08/11	REVISED MODEL # TO ELX				ELX-ND-BL-FM-08-43-(BK-NA-80H-7-7)			N.T.S.
03	6/22/10	ADDED FRYER HOOD AS REFERENCE							C-12644
02	2/25/10	CHANGED LOWER FLASHING DIMENSION							

REV	DATE	DESCRIPTION	APP'D	BY	DATE	MODEL #	ITEM #	WORK ORDER	DATE
05	11/25/11	NO CHANGE							11/25/09
04	8/08/11	REVISED MODEL # TO ELX				ELX-ND-BL-FM-08-43-(BK-NA-80H-7-7)			N.T.S.
03	6/22/10	MOVED DUCT & FAN FORWARD 3"							C-12644
02	2/25/10	CHANGED TO 120 CFM FAN							

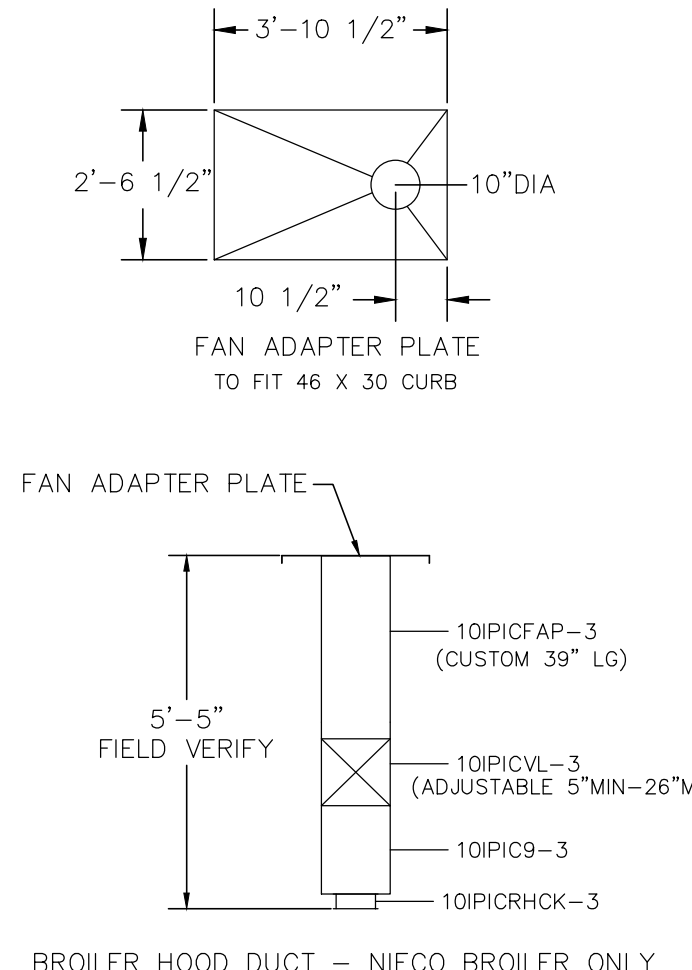
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04	8/08/11	REVISED MODEL # TO ELX				ELX-ND-BL-FM-08-43-(BK-NA-80H-7-7)			N.T.S.
03	6/22/10	ADDED DIMENSION NOTES							C-12644
02	2/25/10	NO CHANGE							



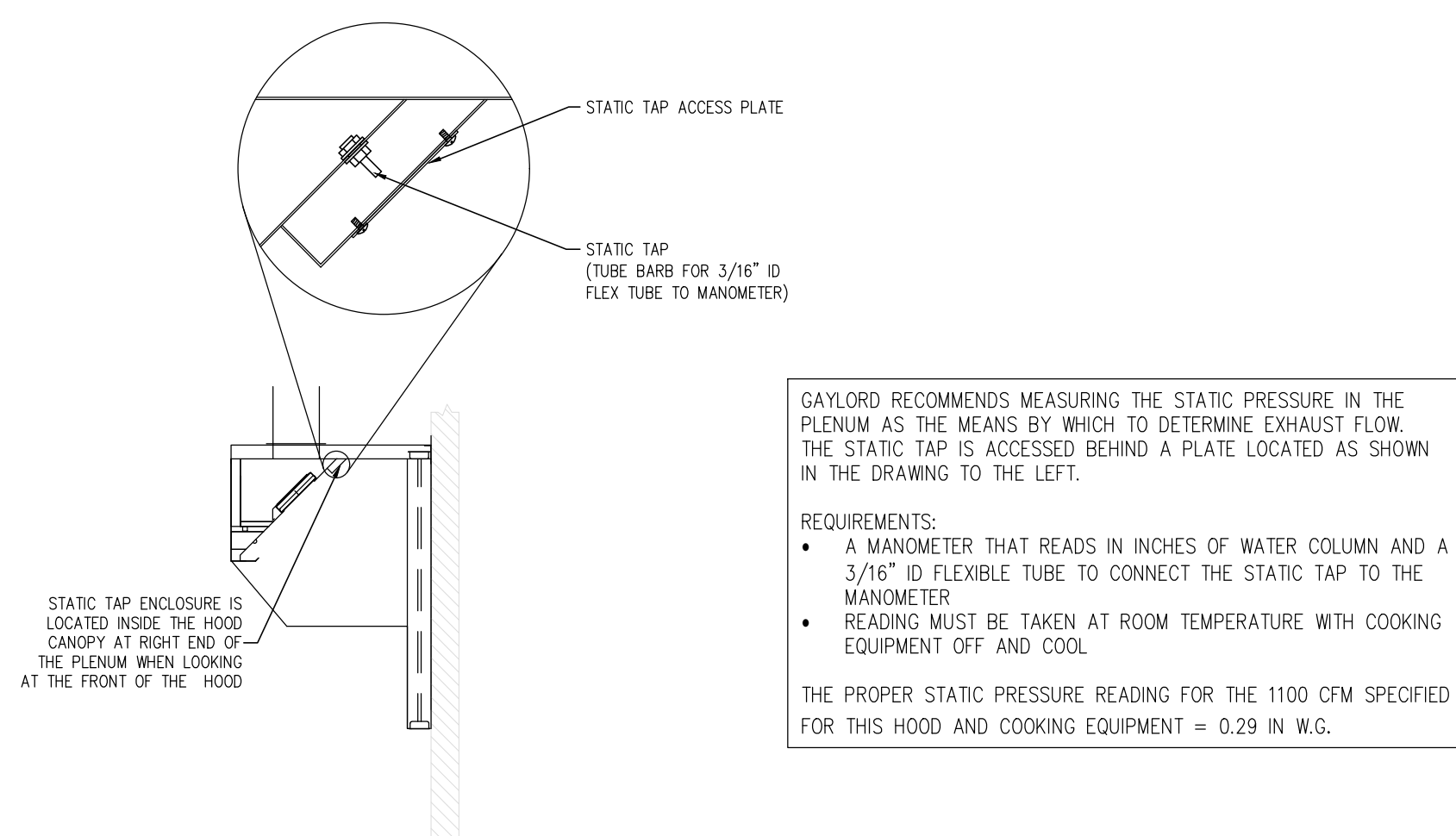
BROILER/OVEN HOOD EXHAUST FAN DUCT EXTENSION

NOTES:

- METAL-FAB GREASE DUCT IS UL LISTED FOR 0" CLEARANCE TO COMBUSTIBLES: > UL 197B > UL 2221 > UL FILE #MH25506
- INSTALLATION INSTRUCTIONS ARE INCLUDED WITH THE METAL-FAB PRODUCT. THESE INSTRUCTIONS CAN ALSO BE FOUND AT: <http://www.metal-fabcommercial.com/media/L2502.pdf>
- ADDITIONAL METAL-FAB INFORMATION CAN BE OBTAINED BY VISITING [WWW.GREASEDUCT.COM](http://www.greaseduct.com) OR CALLING 800-835-2830
- THE MAXIMUM DISTANCE FROM THE RESTAURANT FLOOR TO THE TOP OF THE EXHAUST CURB THAT THIS COMBINATION OF DUCT COMPONENTS AND HOOD WILL FIT IS 13'-9" (165"). VERIFY PRIOR TO ORDERING PRODUCT. ADDITIONAL SPOOL PIECES CAN BE ADDED FOR REACHING GREATER DISTANCES.



METAL-FAB DUCT COMPONENTS



PROCEDURE TO CONFIRM HOOD EXHAUST VOLUME

REV	DATE	DESCRIPTION	APP'D	BY	DATE	MODEL #	ITEM #	WORK ORDER	DATE
05	11/25/11	NO CHANGE							11/25/09
04	8/08/11	REVISED MODEL # TO ELX				ELX-ND-BL-FM-08-43-(BK-NA-80H-7-7)			N.T.S.
03	6/22/10	NO CHANGE							C-12644
02	2/25/10	CHANGED TO MATCH CFM120 SPECS							

REV	DATE	DESCRIPTION	APP'D	BY	DATE	MODEL #	ITEM #	WORK ORDER	DATE
05	11/25/11	NO CHANGE							11/25/09
04	8/08/11	REVISED MODEL # TO ELX				ELX-ND-BL-FM-08-43-(BK-NA-80H-7-7)			N.T.S.
03	6/22/10	ADDED NOTES							C-12644
02	2/25/10	CHANGED LENGTH TO 5' 5"							

REV	DATE	DESCRIPTION	APP'D	BY	DATE	MODEL #	ITEM #	WORK ORDER	DATE
05	11/25/11	NO CHANGE							6/22/10
04	8/08/11	REVISED MODEL # TO ELX				ELX-ND-BL-FM-08-43-(BK-NA-80H-7-7)			N.T.S.
03	6/22/10	ADDED THIS SHEET							C-12644
02	2/25/10	NO CHANGE							

Notes
FOR SUBMITTAL TO CITY PLANNING

Date By DB

Drawn By: CP

Checked: SB

Scale: AS NOTED

Date: --:21

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BURGER KING CORPORATION

TECHNICAL GROUP INC.
FARMINGTON HILLS, MI 48331
P: (248) 426-8000 F: (248) 426-7004

TGI

PROJECT
BURGER KING
1440 MAPLE ST.
ELKHART, IN 46514

SHEET TITLE
BROILER-OVEN HOOD DRAWINGS

DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

JOB #
TG-21668

SHEET
M-5

5'-7" NORTH AMERICAN FRYER HOOD FOR BURGER KING CORPORATION

FRYER HOOD MODEL: ELX-ND-BD-38-(BK-NAFH-5-7)

Manufactured by:
GAYLORD INDUSTRIES

10900 SW. AVERY ST.
TUALATIN, OREGON 97062
UNITED STATES OF AMERICA
PHONE: (503) 691-2010
EMAIL: INFO@GAYLORDUSA.COM

Dwg no.: C-12634

Sheet: 1
Rev.: 07

MODEL NUMBER DESCRIPTION

FRYER HOOD MODEL NUMBER DESCRIPTION
ELX-ND-BD-38-(BK-NAFH-5-7)

HOOD LENGTH FT-IN
NORTH AMERICAN FRYER HOOD
CUSTOMER I.D.
HOOD DEPTH IN INCHES
BACKSHELF STYLE
SERIES

INDEX

Sheet #	Description
01	COVER SHEET
01.1	MODEL # & INDEX
02	CONTROL CONTACT SHEET
03	SPECIFICATIONS
03.1	HOOD LISTING & APPROVAL REFERENCES
04	FRYER HOOD OVERVIEW
05	FRONT ELEVATION
06	FRYER HOOD SECTION VIEW
07	FRYER HOOD RIGHT END VIEW - HOOD LABEL & POSI-SET LOCATION
08	FRAN VIEW
09	FRONT ELEVATION-UTILITIES
10	FRONT ELEVATION - PAN VIEW - UTILITIES
11	TYPICAL GAS APPLIANCE CONNECTION DETAIL
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13	HOOD MOUNTED FIRE SYSTEM DETAIL
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15	AMEREX PRE-PIPING DETAILS - FRYER HOOD
16	OPTIONAL ANSUL PIPING DETAILS - FRYER HOOD
17	HOOD MOUNTED FIRE SYSTEM ARRANGEMENT - FRYER HOOD
18	OPTIONAL WALL MOUNTED FIRE SYSTEM ARRANGEMENT - FRYER HOOD
19	FRYER HOOD EXHAUST DUCT EXTENSION DETAIL
20	FRYER HOOD ENCLOSURE PANELING DETAIL
21	HANGING DETAIL FOR FRYER HOOD
22	WALL FLASHING DETAIL
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24	ROOF CURB MOUNTING DETAIL
25	EXHAUST FAN DUCT EXTENSION DETAILS
26	METAL-FAB GREASE DUCT DETAILS
26.1	OPTIONAL SQUARE DUCT KIT
27	PROCEDURE TO CONFIRM HOOD EXHAUST VOLUME
28	BK HOOD-FAN FIRE SYSTEM/HVAC CONTROL MATRIX

MODEL #	ITEM #	WORK ORDER #
ELX-ND-BD-38-(BK-NA-FH-5-7)		
GAYLORD INDUSTRIES NORTH AMERICA FRYER HOOD 5-7" FOR BURGER KING CORP.		11-08-10
		C-12634
		07
		03

NORTH AMERICA 5' - 7" FRYER HOOD SPECIFICATIONS

Fryer Hood Specifications

Gaylord model ELX-ND-BD-38-(BK-NA-FH-5-7) low proximity, wall mounted hood 5'-7" long x 38" front to back. The hood is designed to go over either a 3 Basket/2 Basket/3 Basket Fryer Configuration, or a four 2 basket fryer configuration. This hood is not designed for a 3 Basket/2 Basket/Fry Dispenser/3 Basket configuration. The hood utilizes patented high efficiency stainless steel Gaylord XGS Extractors. The hood design includes a built in 3" air space at the back for allowing direct mounting to a limited combustible wall (sheet rock for compliance to NFPA-96. Also built into the back of the hood are utility raceways that are used for gas piping and electrical services. The hood includes factory pre-piping for an Amerex KP fire extinguishing system or as an option may be pre-piped for an ANSUL R-102 fire system. The hood is constructed of all 18 gauge, type 300 series stainless steel, number 4 finish.

Enclosure Panels

Included is an enclosure kit to fill the space between the top of the hood and the finished ceiling. Lift-out doors in the front and right panels are provided to gain access to the duct access panel, fire protection equipment and static pressure tap. Panels are constructed of 18 gauge type 430 stainless steel, number 4 finish.

Optional Wall Flashing

One set of wall flashing for the fryer hood as shown on the drawings. Flashing constructed of 18 gauge type 430 stainless steel, number 4 finish.

Hanging Weight:

The hanging weight of the fryer hood is 350 lbs.

HOOD LISTING AND APPROVAL REFERENCE

FRYER HOOD
INTERTEK TESTING SERVICES, INC.
FRYER HOOD IS E.T.L. LISTED: EXHAUST HOODS WITHOUT EXHAUST DAMPERS, REPORT NO. 3192993CRT-002. TESTED TO U.L. STANDARD 710 REQUIREMENTS.

NATIONAL FIRE PROTECTION ASSOCIATION
REQUIREMENTS OF NFPA-96
"STANDARD FOR VENTILATION CONTROL & FIRE PROTECTION OF COMMERCIAL COOKING OPERATIONS"

NSF-NATIONAL SANITATION FOUNDATION
MEETS ALL REQUIREMENTS OF NSF STANDARD NO.2 "FOOD SERVICE EQUIPMENT"

MECHANICAL CODES

MEETS ALL REQUIREMENTS OF THE UMC, BOCA, SBCCI AND IMC.



Contact Information for the Job Site Contractor

Contact Information

Shipment Information
For shipment information on any of the equipment including the Metal-Fab duct, Loren Cook fan and Amerex fire system contact:
Gaylord Industries, Tualatin, Oregon:
1. John Anderson Direct Phone: 971-223-1238
E-Mail: johna@gaylordusa.com

Hood Installation Questions
Gaylord Industries, Tualatin Oregon:
1. John Anderson Direct Phone: 971-223-1238
E-Mail: johna@gaylordusa.com

Metal-Fab Duct Installation Questions
Metal-Fab Inc., Wichita, Kansas
1. Customer Service, Commercial Vent Products: 800-835-2830

Loren Cook Fan Installation Questions
Loren Cook Company, Springfield, Missouri:
1. David Ray Office Phone: 417-869-6474

Amerex Fire System Installation Questions

The Hood has been factory pre-piped for Amerex fire system. The package from Gaylord includes complete installation of the Amerex fire system including all parts. Amerex check out and commissioning. The Amerex distributor will bring the system components to the site of installation.

Contact Information (Cont.)

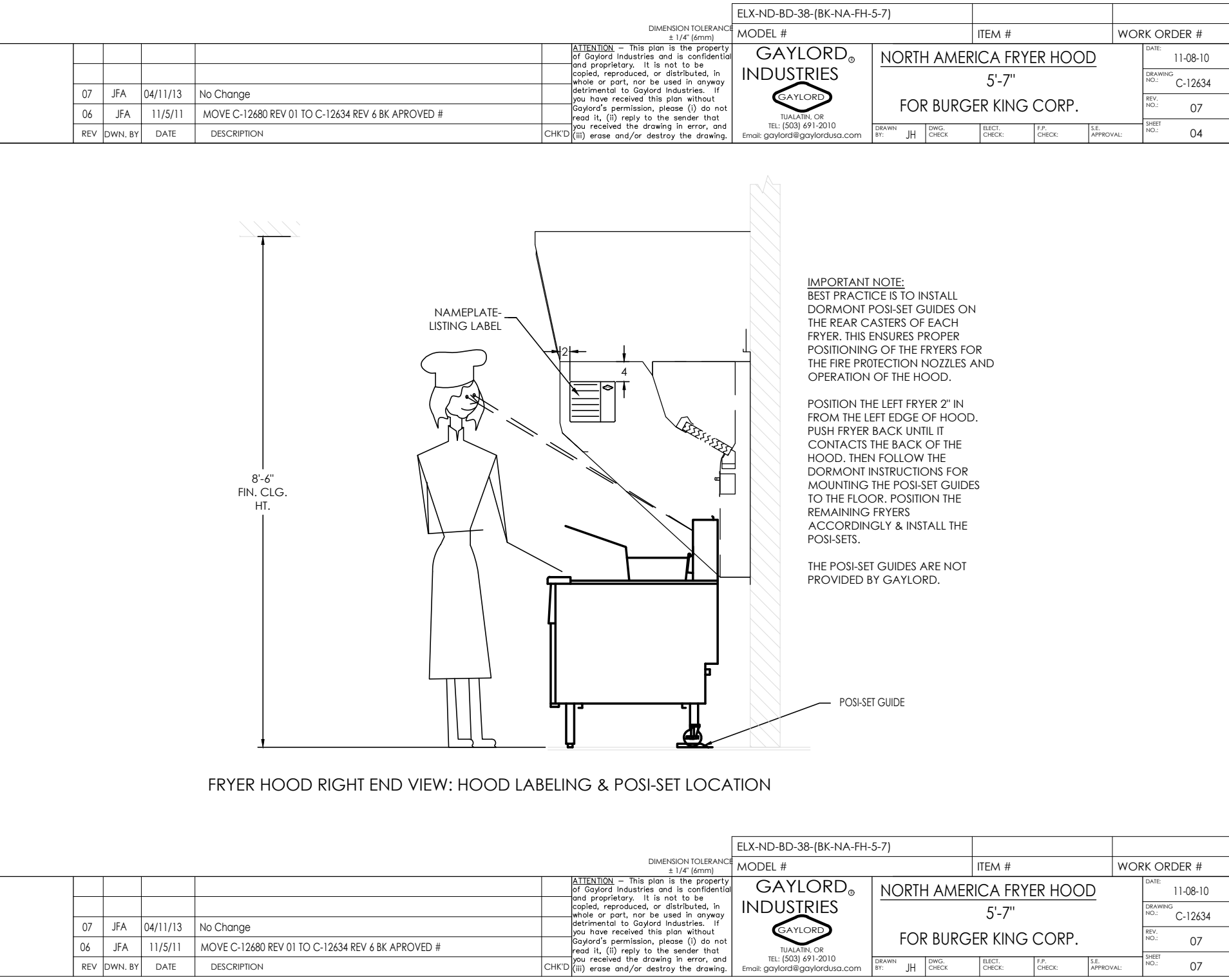
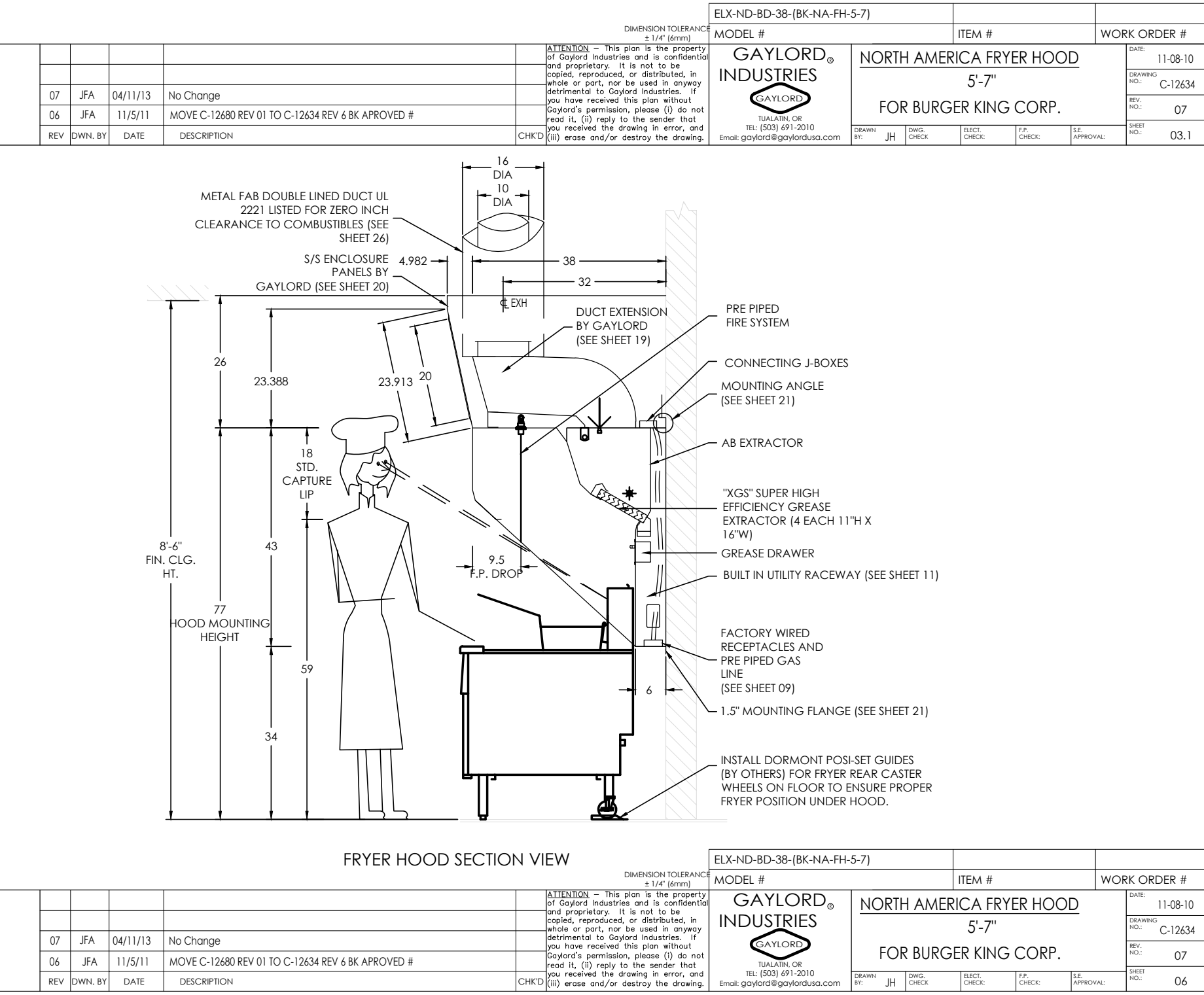
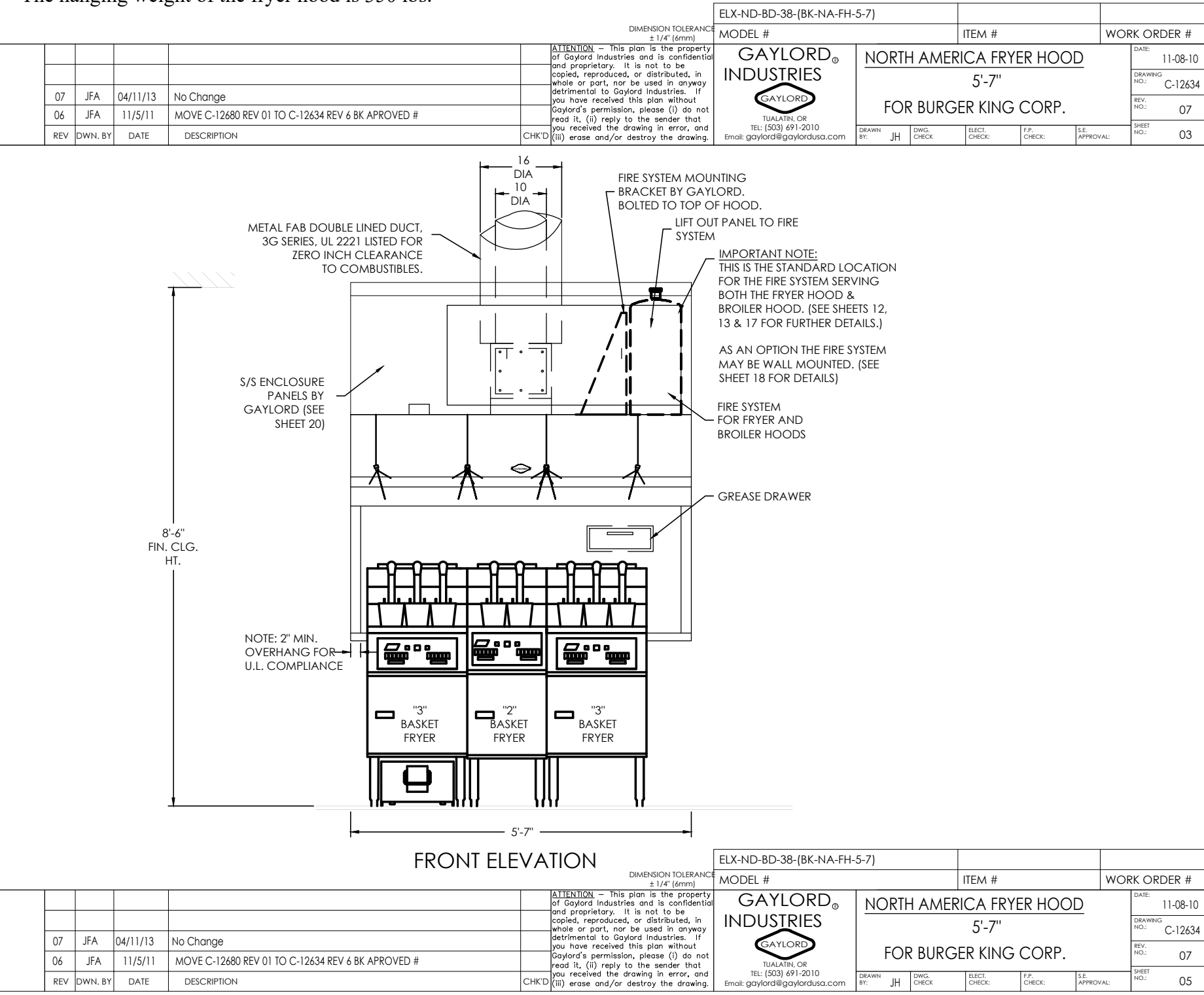
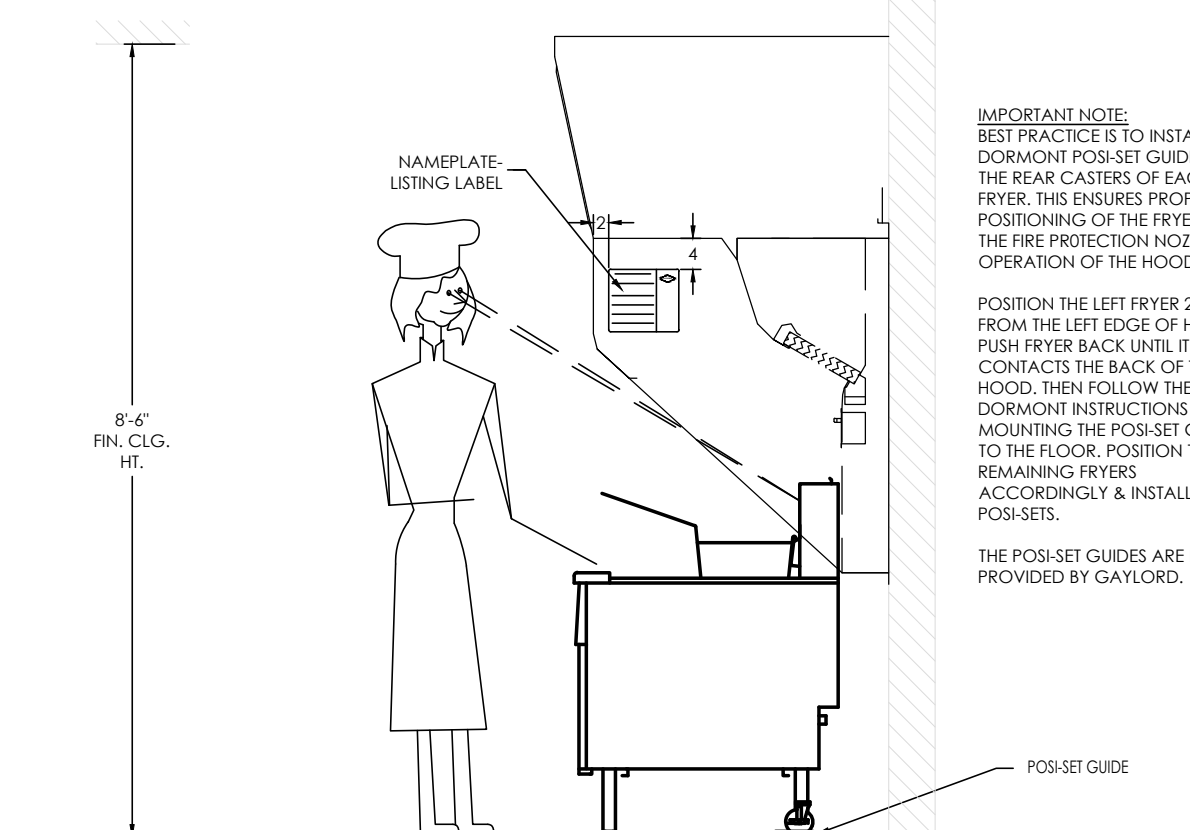
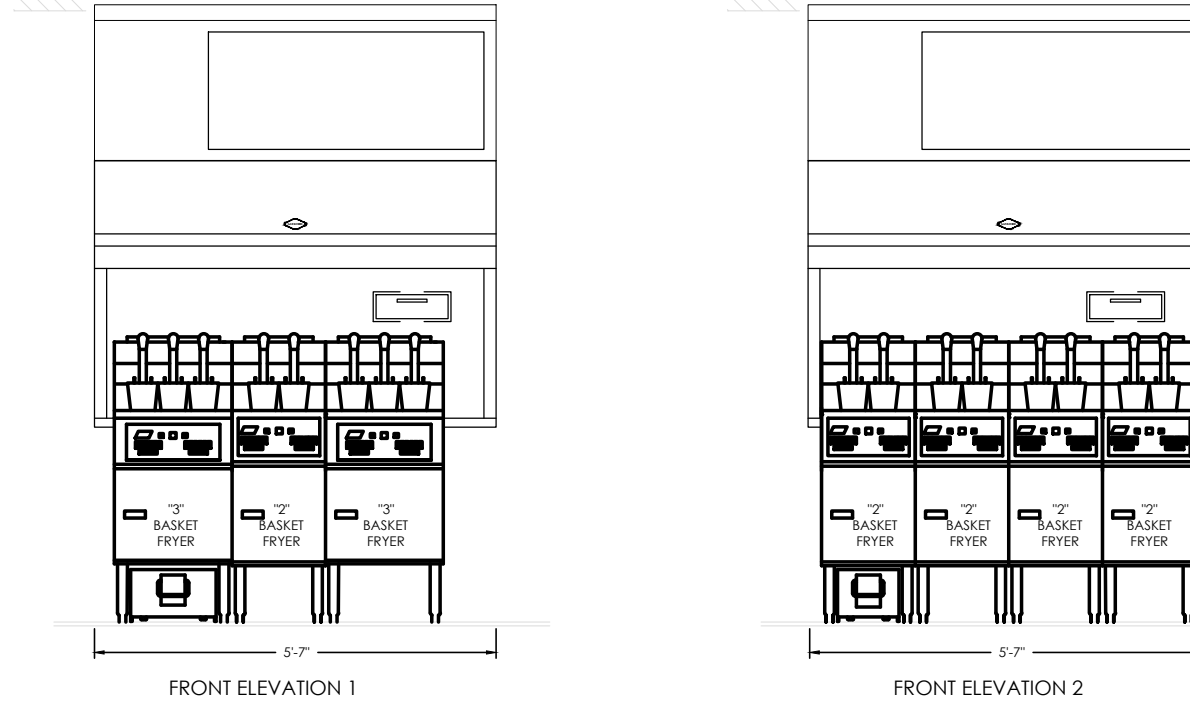
Important Note: The local Amerex distributor will make contact with the general contractor to set up the installation schedule. If you have not heard from the distributor contact: Amerex Corporation, Trussville, Alabama
1. Karen Mann Office Phone: 205-655-5730

Ansul Fire System Installation Questions
Note: As an option, the hoods may be pre-piped for an Ansul R-102 fire system. If this option is used, Gaylord does not provide complete installation.

If you have questions regarding Ansul installations & you do not know your local Ansul Distributor, contact:
Ansul Inc., Marinette, WI.
Office Phone: 800-862-6785

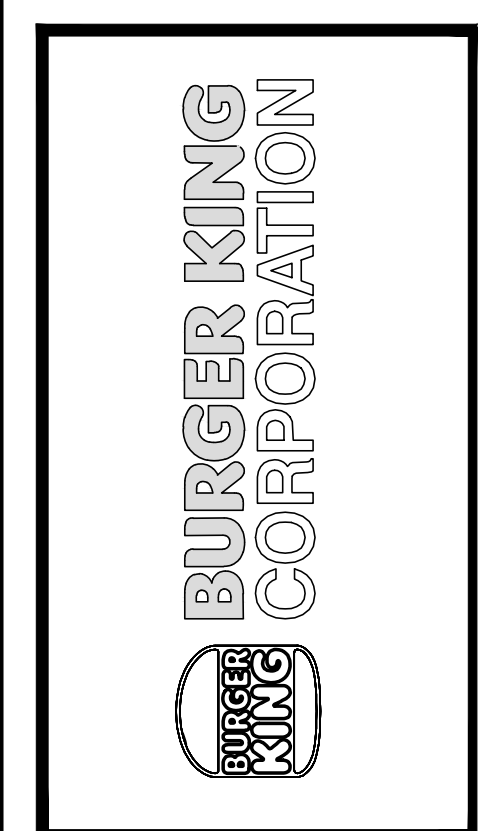
IMPORTANT NOTE:

This drawing depicts two basic fryer configurations approved by Burger King Corporation.



No.	Date	By	Notes
1		DB	FOR SUBMITTAL TO CITY PLANNING

Drawn By: CP
Checked: SB
Scale: AS NOTED
Date: ---21



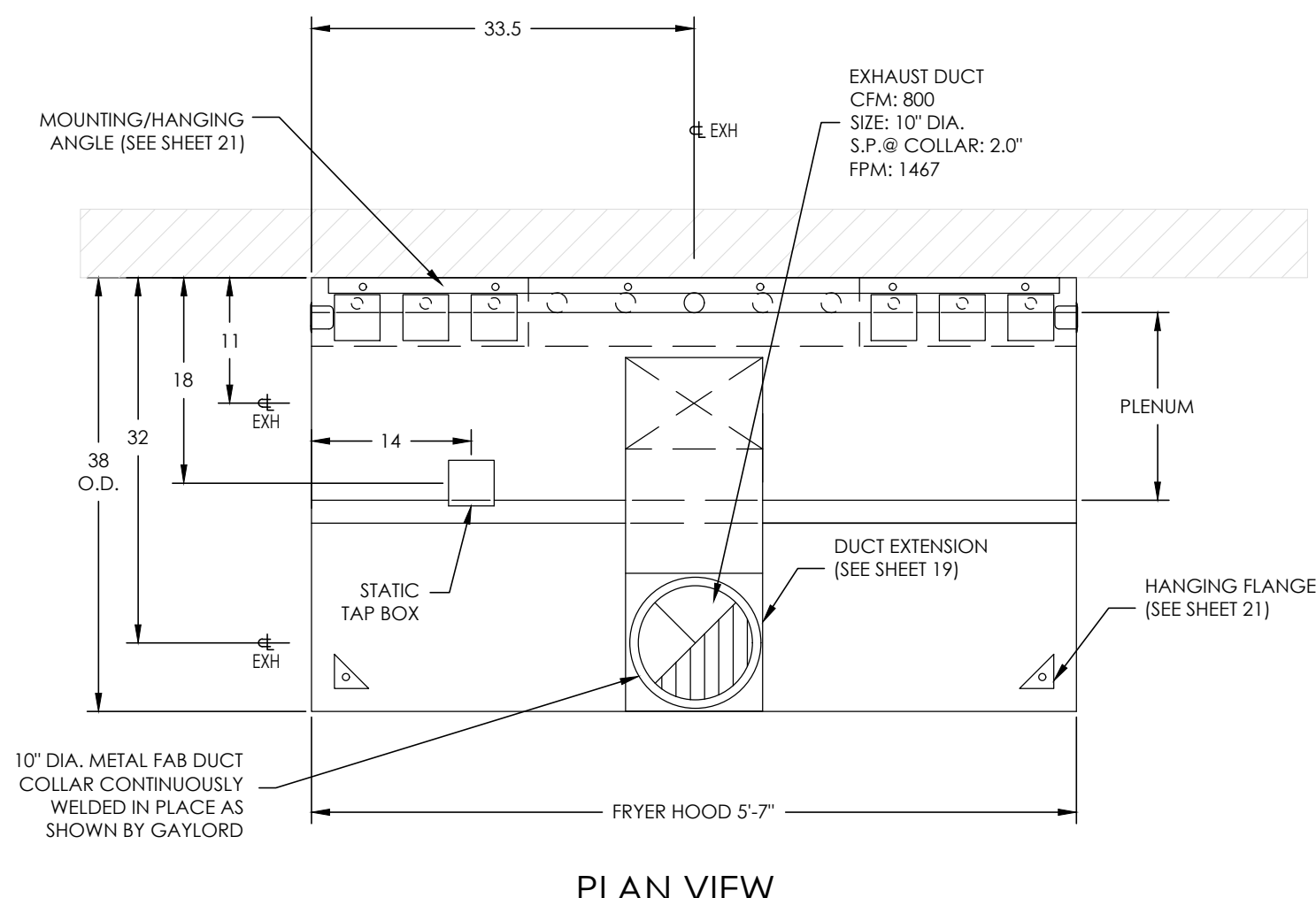
PROJECT
BURGER KING
1440 HARTMANE ST.
ELKHART, IN 46514

SHEET TITLE
GAYLORD FRYER HOOD DRAWINGS

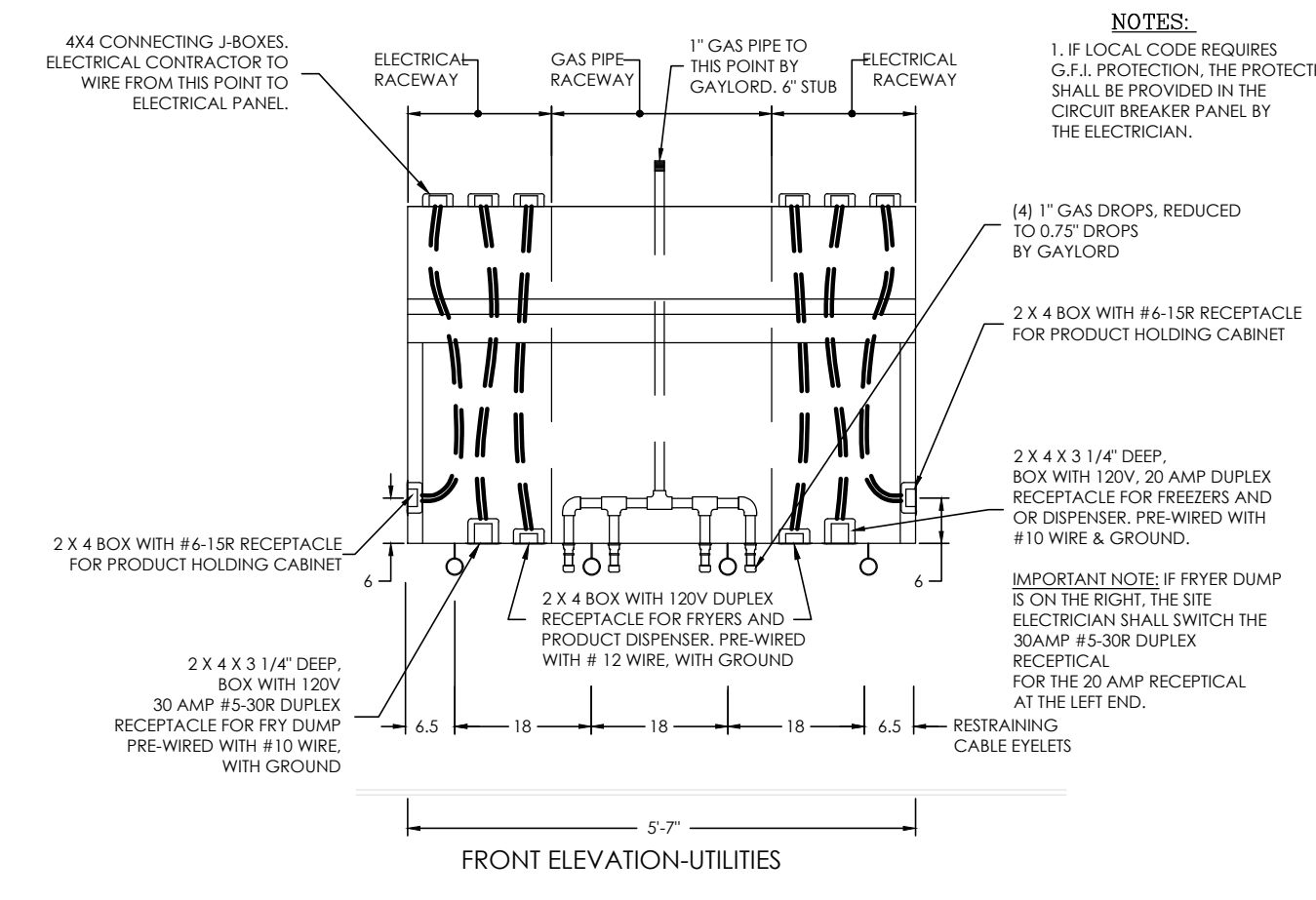
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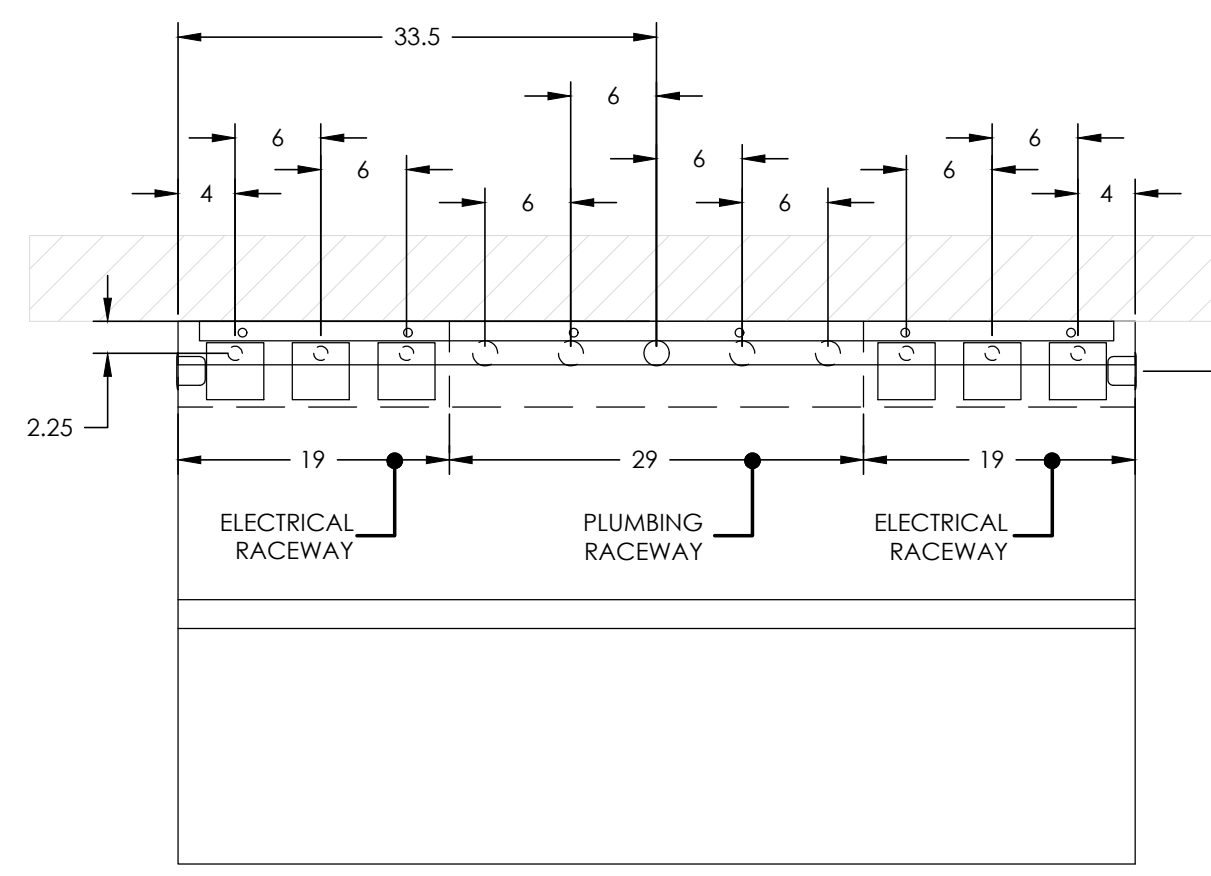
SHEET
M-7



PLAN VIEW



FRONT ELEVATION-UTILITIES

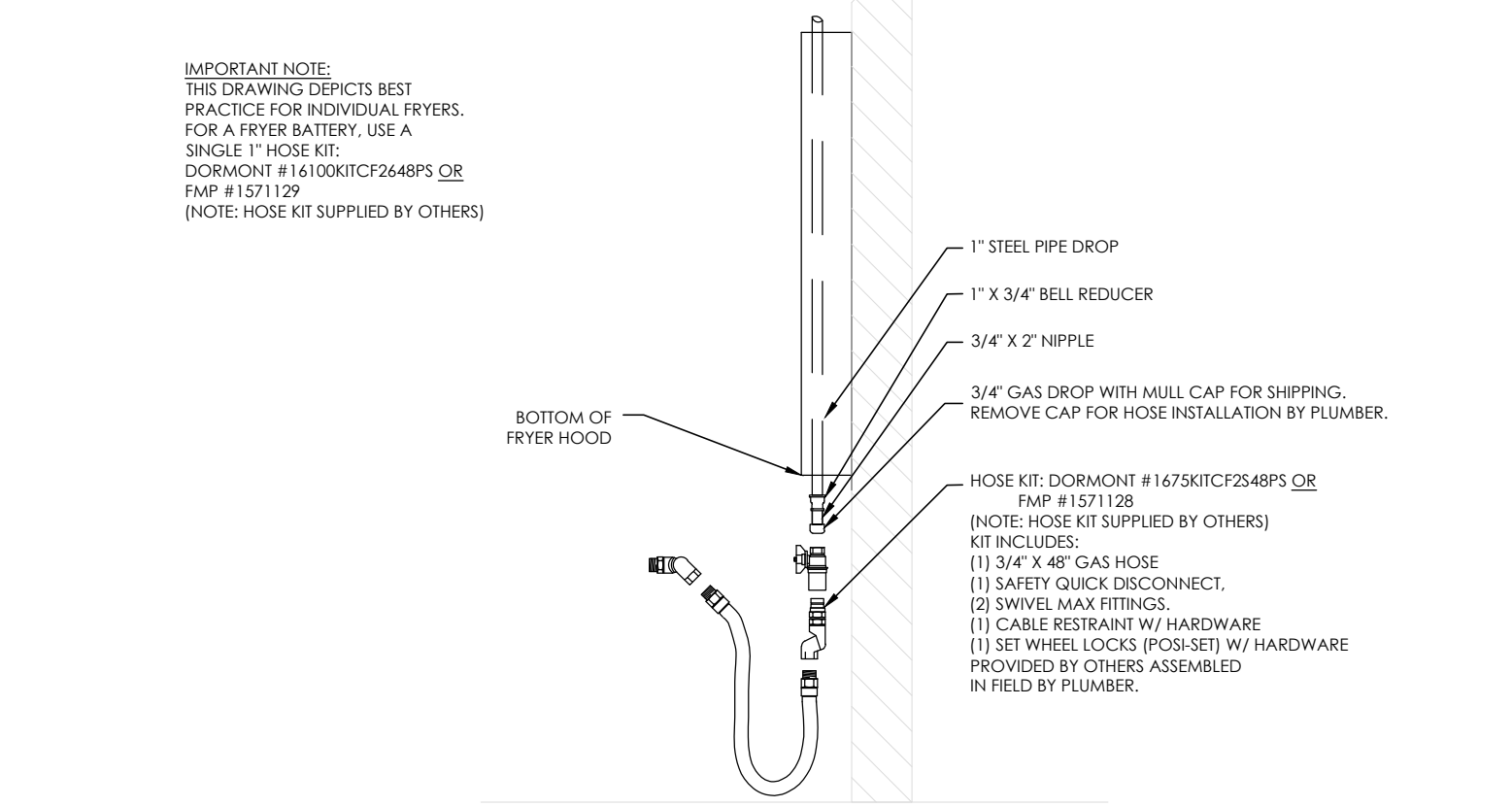


PLAN VIEW UTILITIES

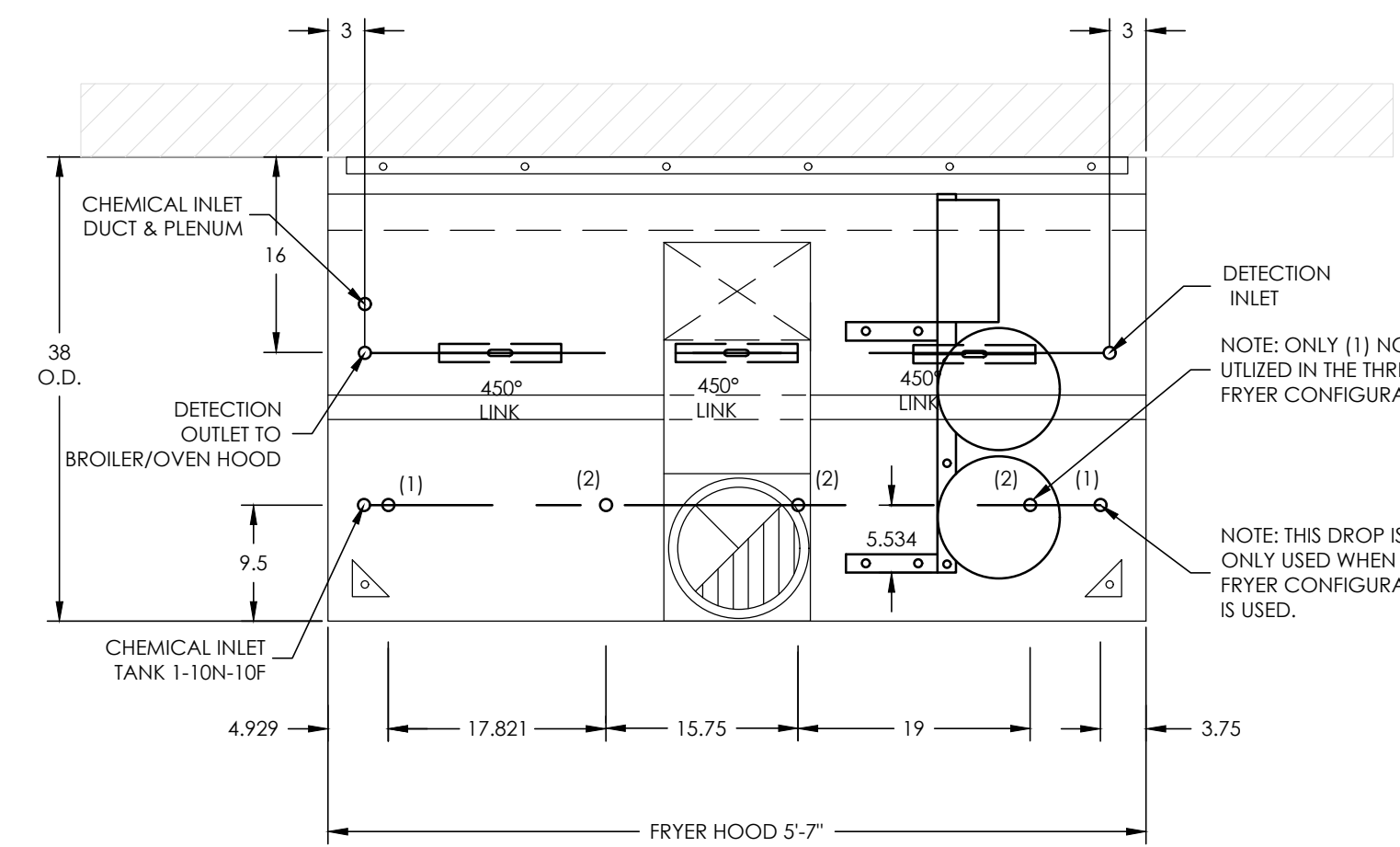
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06	JFA	11/5/11	MOVE C-1264 REV 01 TO C-1264 REV 6 & BK APPROVED #									
05	JFA	11/5/11	MOVE C-1264 REV 01 TO C-1264 REV 6 & BK APPROVED #									

REV	DATE	DESCRIPTION	CHKD	APP'D	DATE	DESCRIPTION	CHKD	APP'D	DATE	DESCRIPTION	CHKD	APP'D
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06	JFA	11/5/11	MOVE C-1264 REV 01 TO C-1264 REV 6 & BK APPROVED #									
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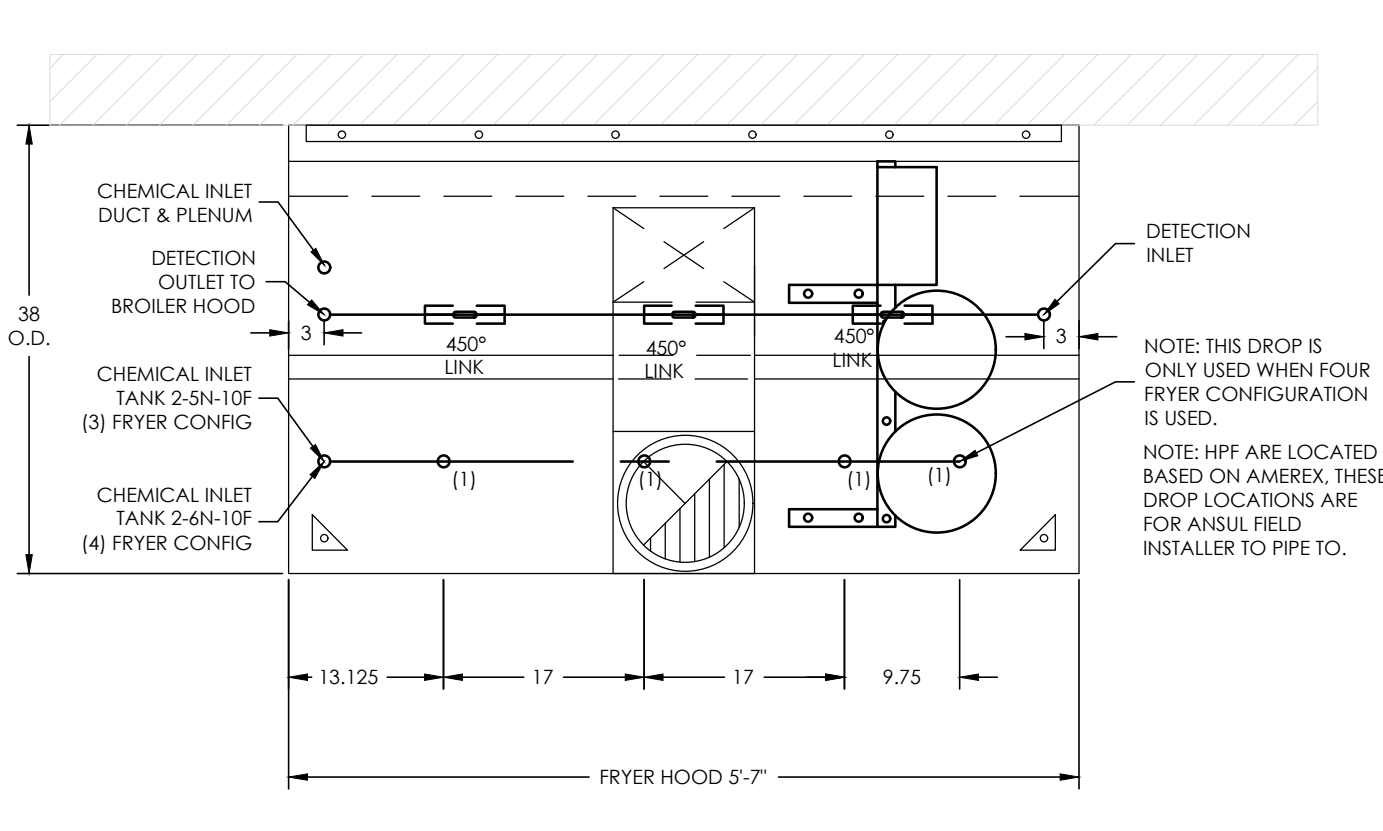
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06	JFA	11/5/11	MOVE C-1264 REV 01 TO C-1264 REV 6 & BK APPROVED #									
05	JFA	11/5/11	MOVE C-1264 REV 01 TO C-1264 REV 6 & BK APPROVED #									



TYPICAL GAS APPLIANCE CONNECTION



PLAN VIEW - AMEREX FIRE SYSTEM PIPING LOCATIONS



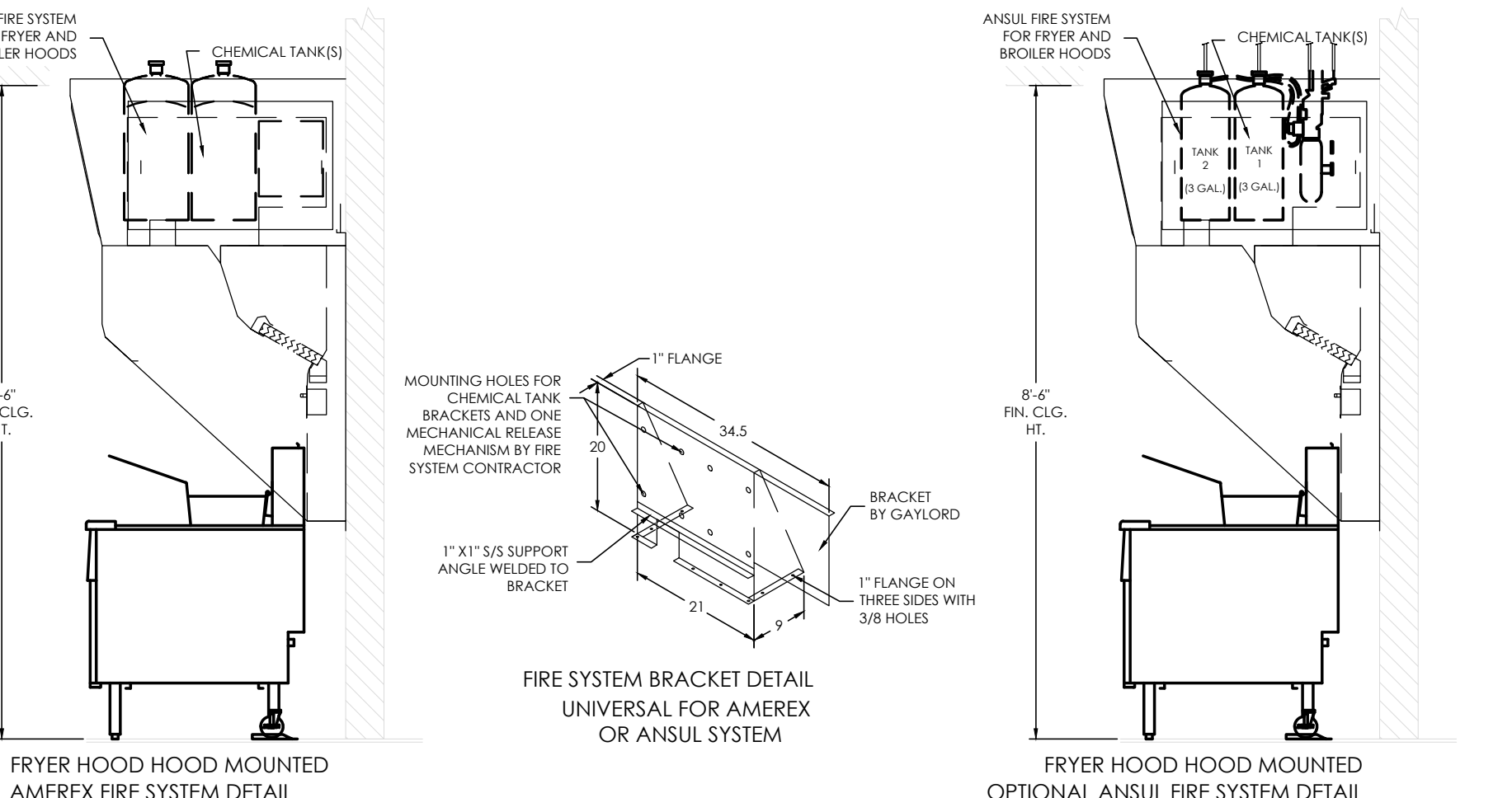
PLAN VIEW - OPTIONAL ANSUL FIRE SYSTEM PIPING LOCATIONS

FIRE PROTECTION SYSTEM NOTES
 ANSUL R-102-MS
 ELX-ND-8D-38 (BK-NA-FH-5-7)
 NORTH AMERICA FRYER HOOD
 5-7'
 FOR BURGER KING CORP.

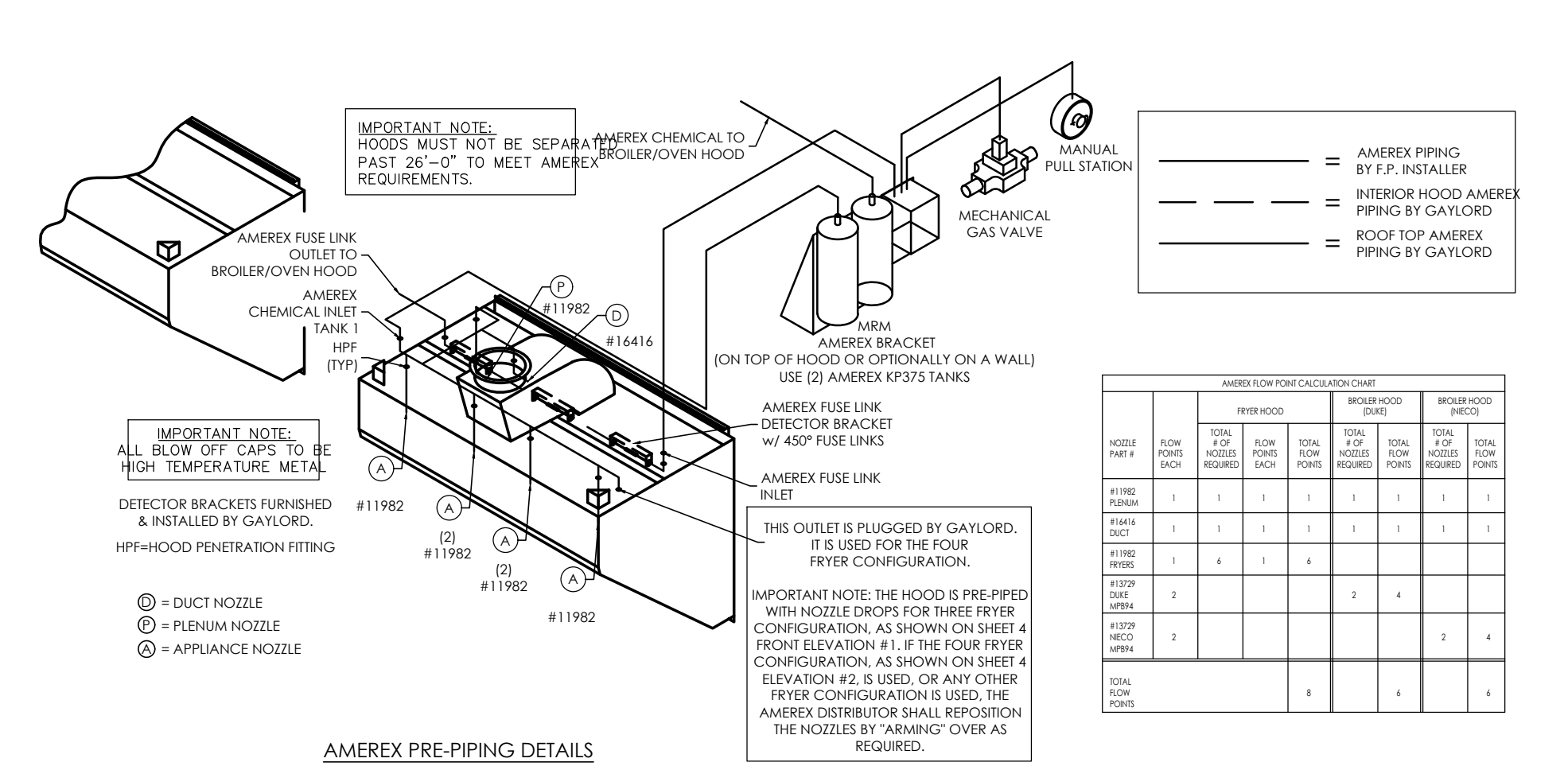
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05	JFA	11/5/11	MOVE C-1264 REV 01 TO C-1264 REV 6 & BK APPROVED #									

REV	DATE	DESCRIPTION	CHKD	APP'D	DATE	DESCRIPTION	CHKD	APP'D	DATE	DESCRIPTION	CHKD	APP'D
07	JFA	04/11/13	Change to 3 detector brackets									
06	JFA	11/5/11	MOVE C-1264 REV 01 TO C-1264 REV 6 & BK APPROVED #									
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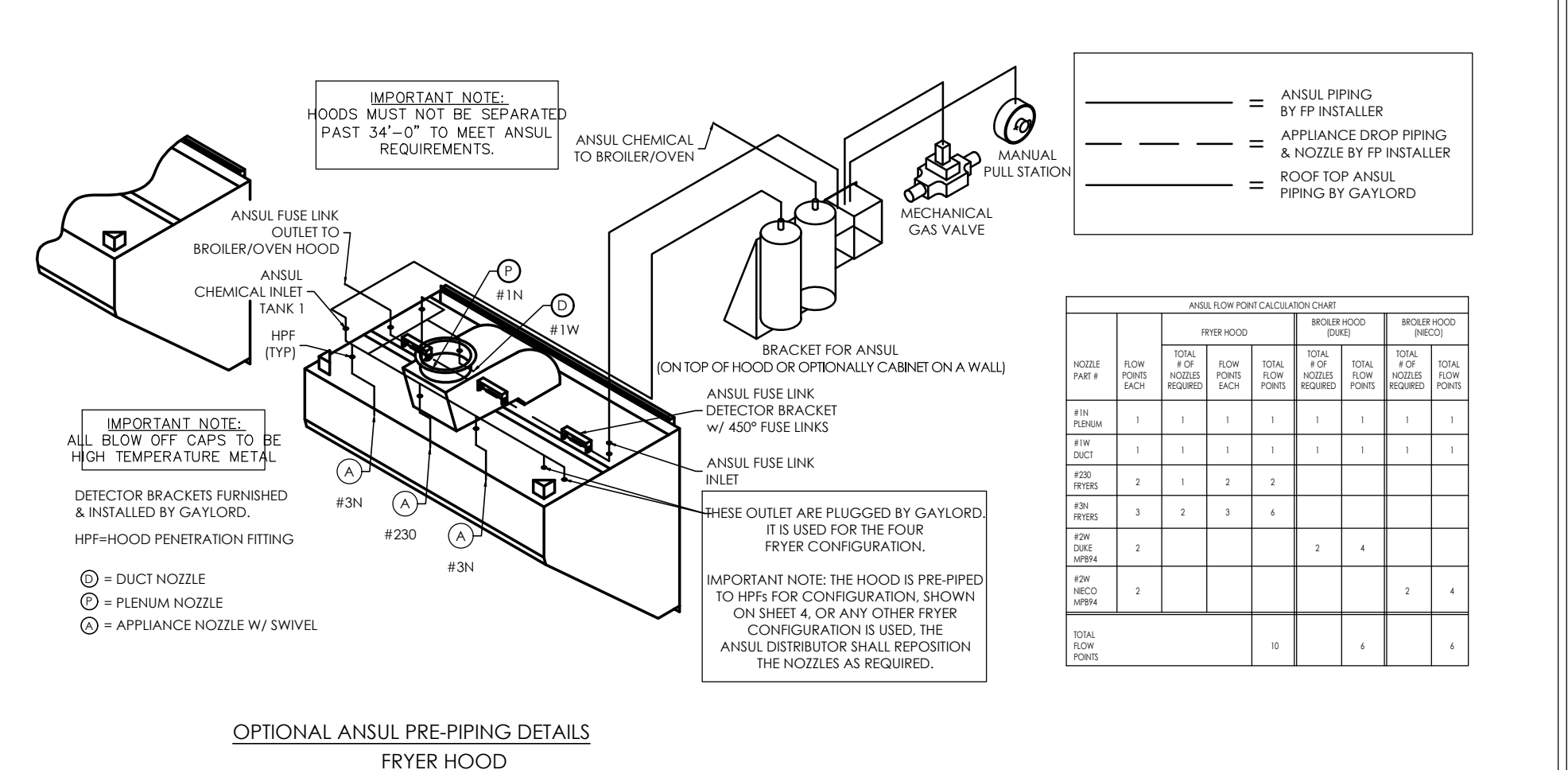
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05	JFA	11/5/11	MOVE C-1264 REV 01 TO C-1264 REV 6 & BK APPROVED #									



FRYER HOOD HOOD MOUNTED AMEREX FIRE SYSTEM DETAIL



AMEREX PRE-PIPING DETAILS FRYER HOOD



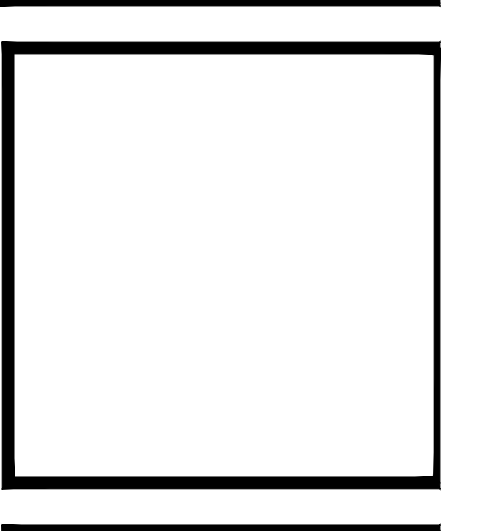
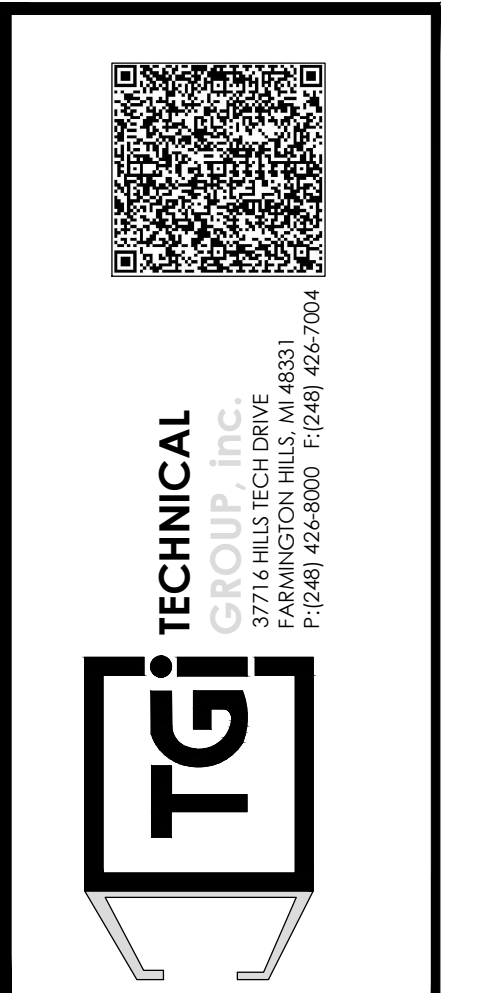
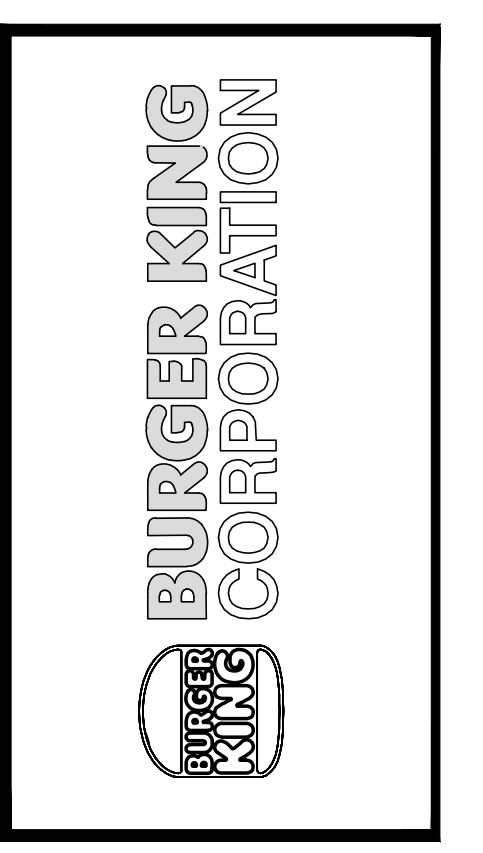
OPTIONAL ANSUL PRE-PIPING DETAILS FRYER HOOD

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06	JFA	11/5/11	MOVE C-1264 REV 01 TO C-1264 REV 6 & BK APPROVED #									
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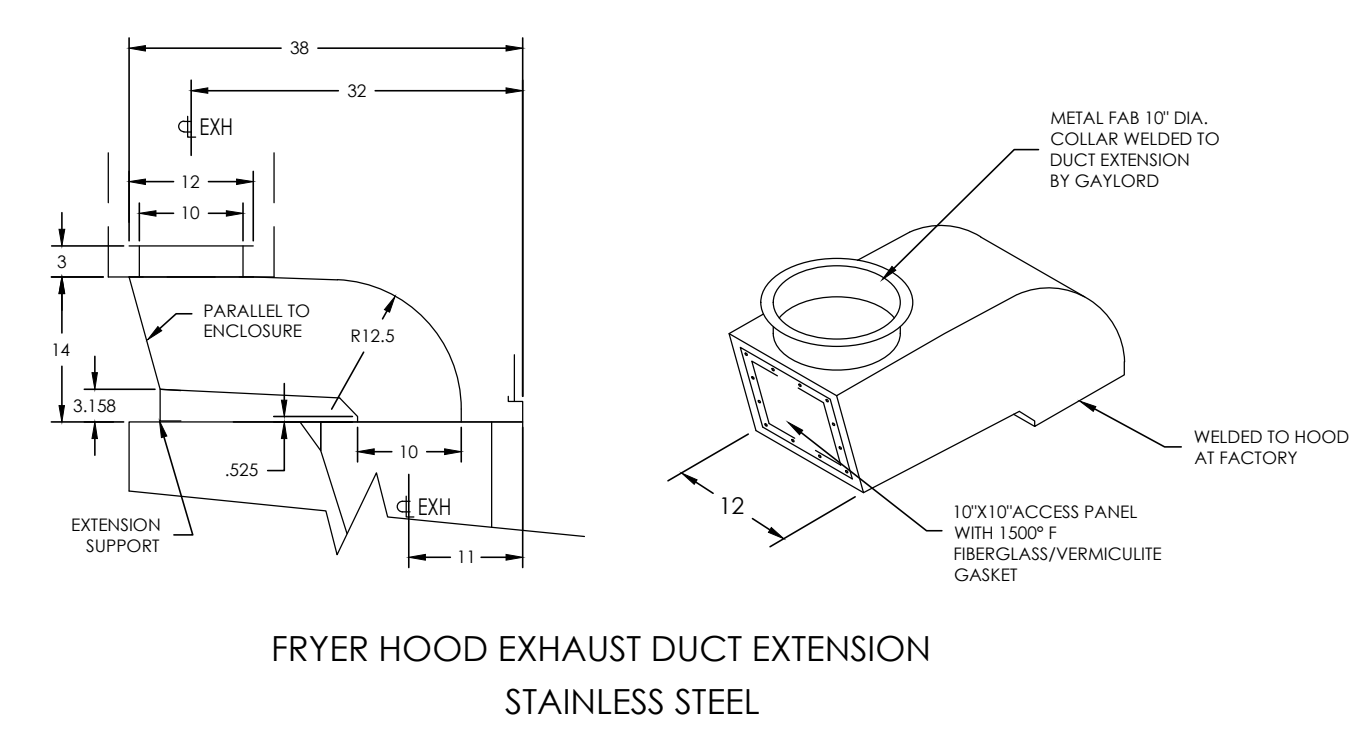
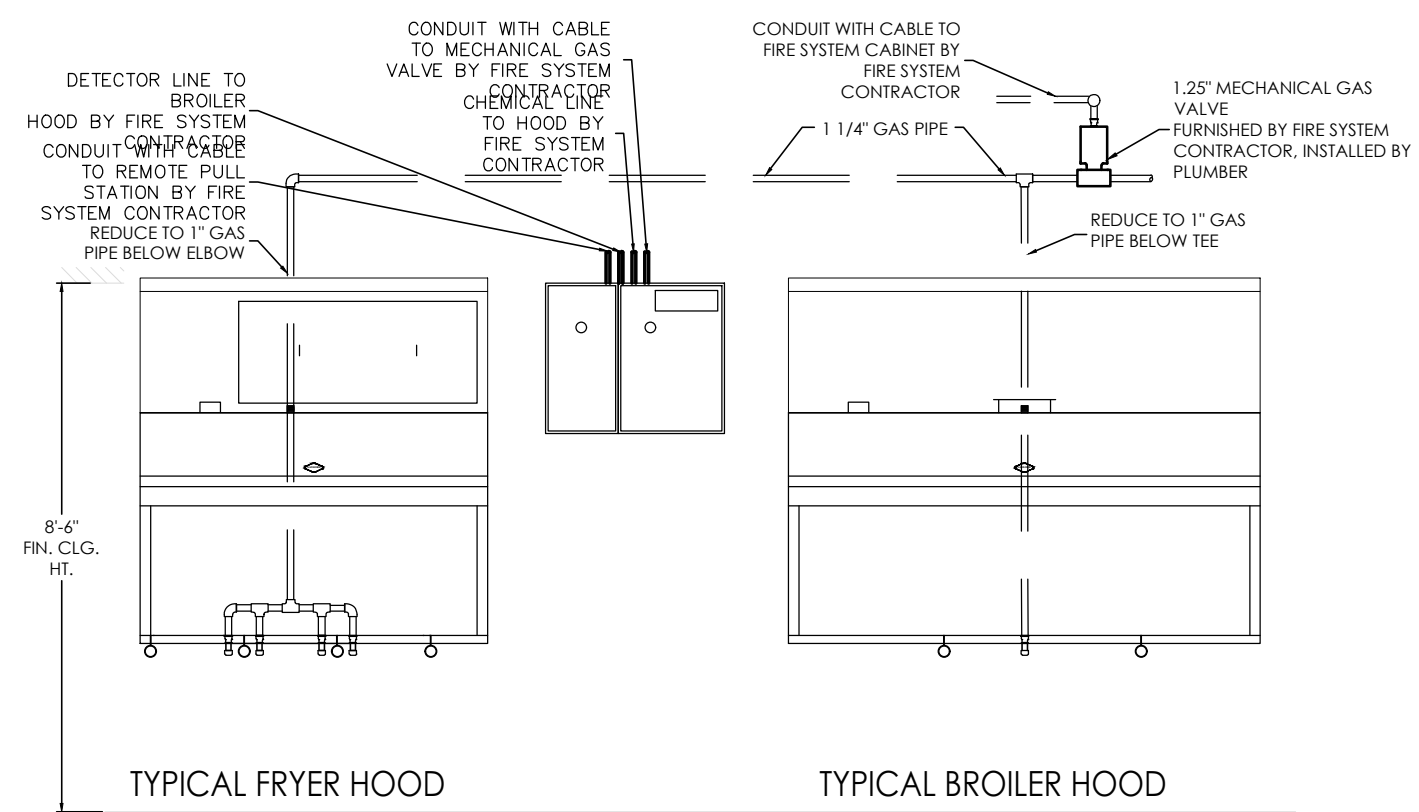
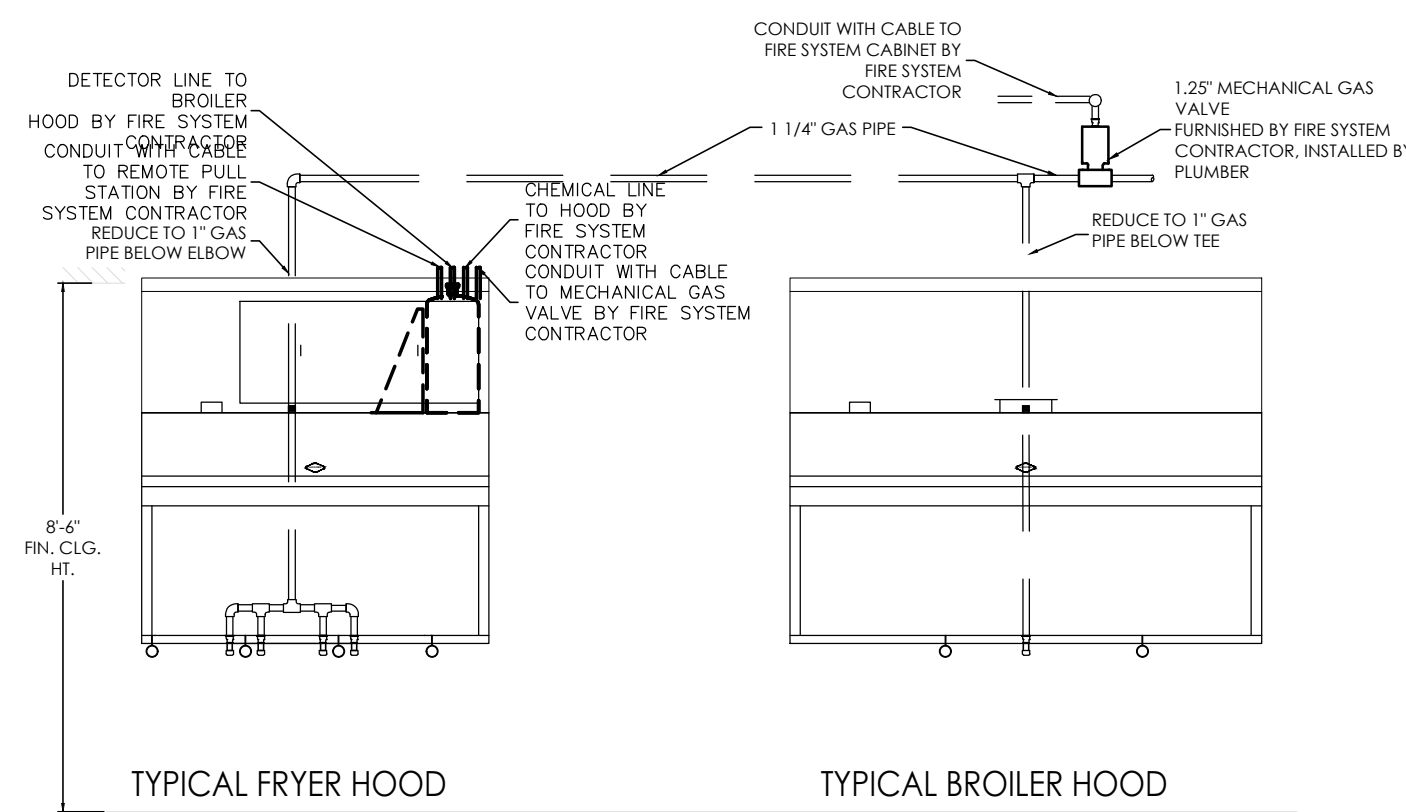
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06	JFA	11/5/11	MOVE C-1264 REV 01 TO C-1264 REV 6 & BK APPROVED #									
05	JFA	11/5/11	MOVE C-1264 REV 01 TO C-1264 REV 6 & BK APPROVED #									

REV	DATE	DESCRIPTION	CHKD	APP'D	DATE	DESCRIPTION	CHKD	APP'D	DATE	DESCRIPTION	CHKD	APP'D
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05	JFA	11/5/11	MOVE C-1264 REV 01 TO C-1264 REV 6 & BK APPROVED #									

Notes	FOR SUBMITTAL TO CITY PLANNING
By	DB
Date	
No.	
Drawn By	CP
Checked	SB
Scale	AS NOTED
Date	---21



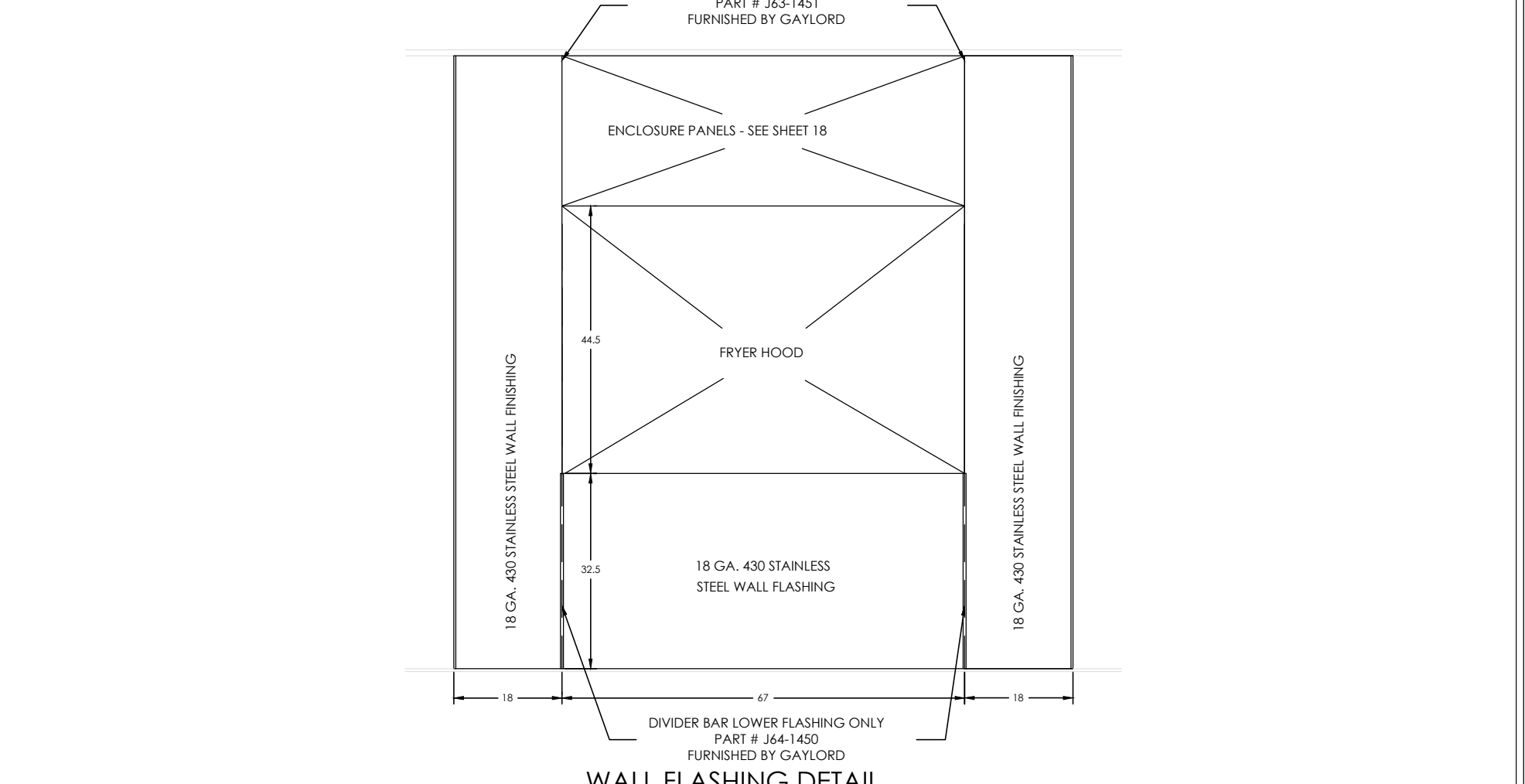
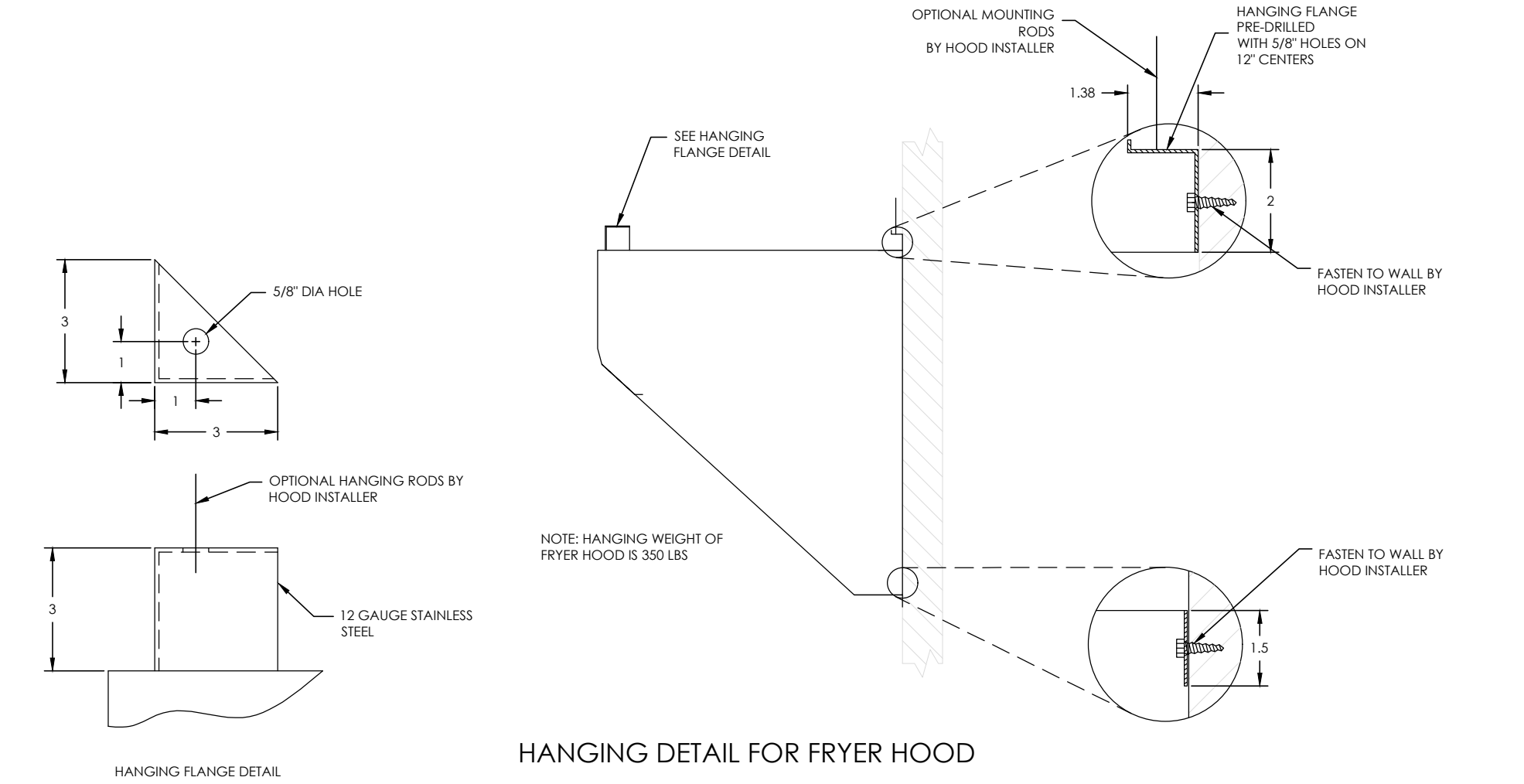
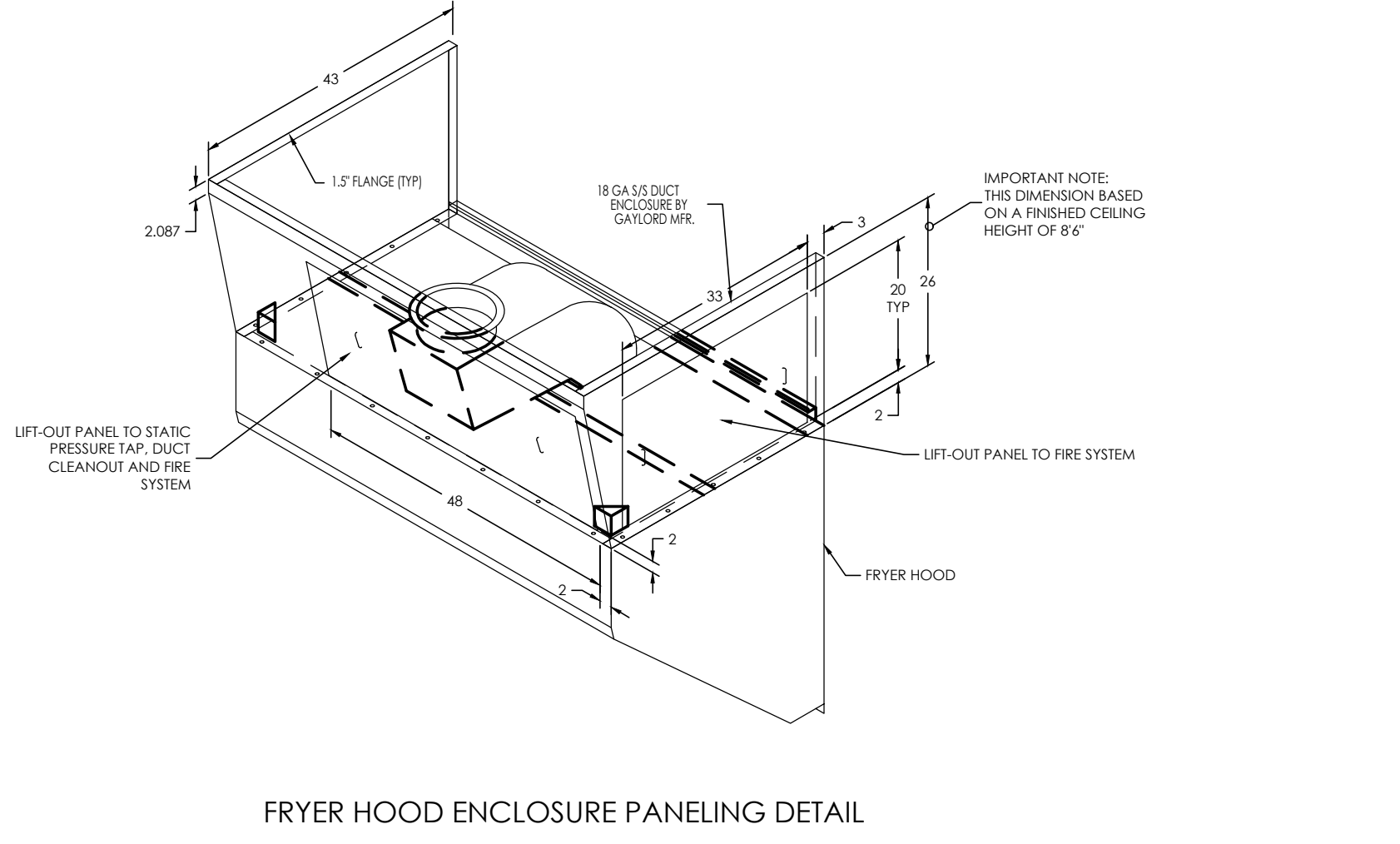
PROJECT	BURGER KING 1440 HARTMAN ST. ELKHART, IN 46514
SHEET TITLE	FRYER HOOD DRAWINGS
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.	
JOB #	TG-21668
SHEET	M-8



REV	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION
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06	JFA	11/5/11	MOVE C-1268 REV 01 TO C-1264 REV 6 BK APPROVED #											

REV	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION
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06	JFA	11/5/11	MOVE C-1268 REV 01 TO C-1264 REV 6 BK APPROVED #											

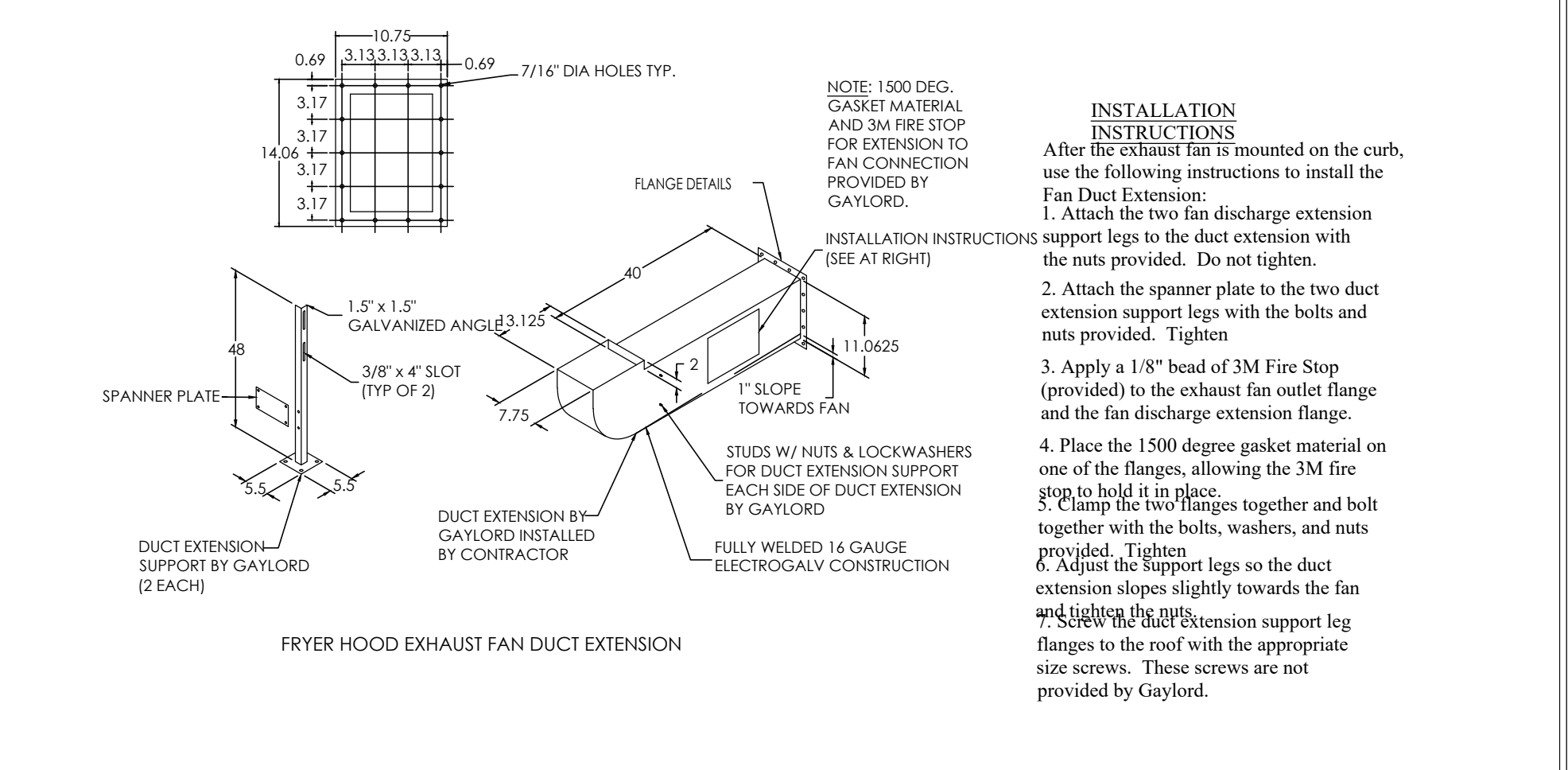
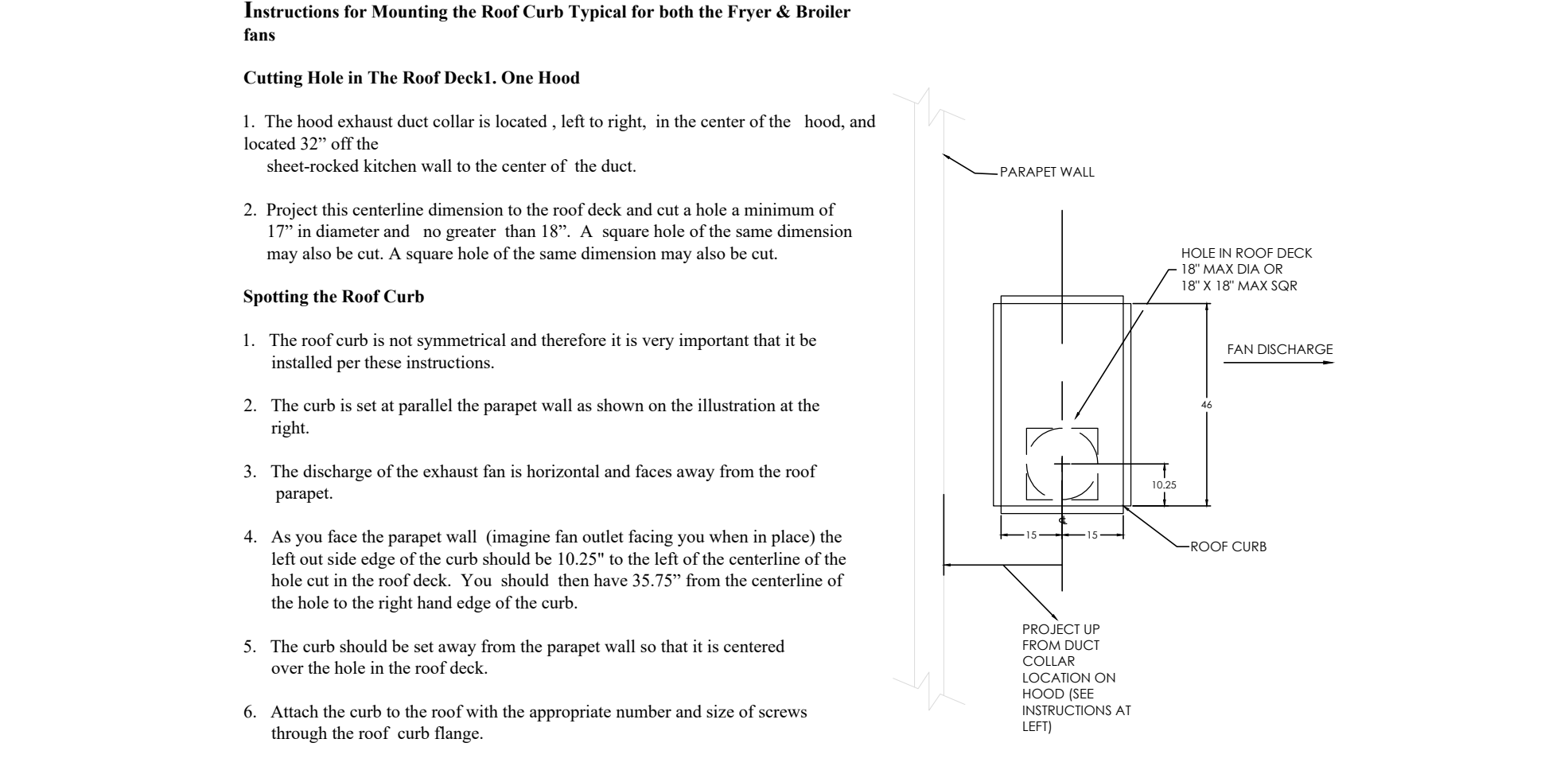
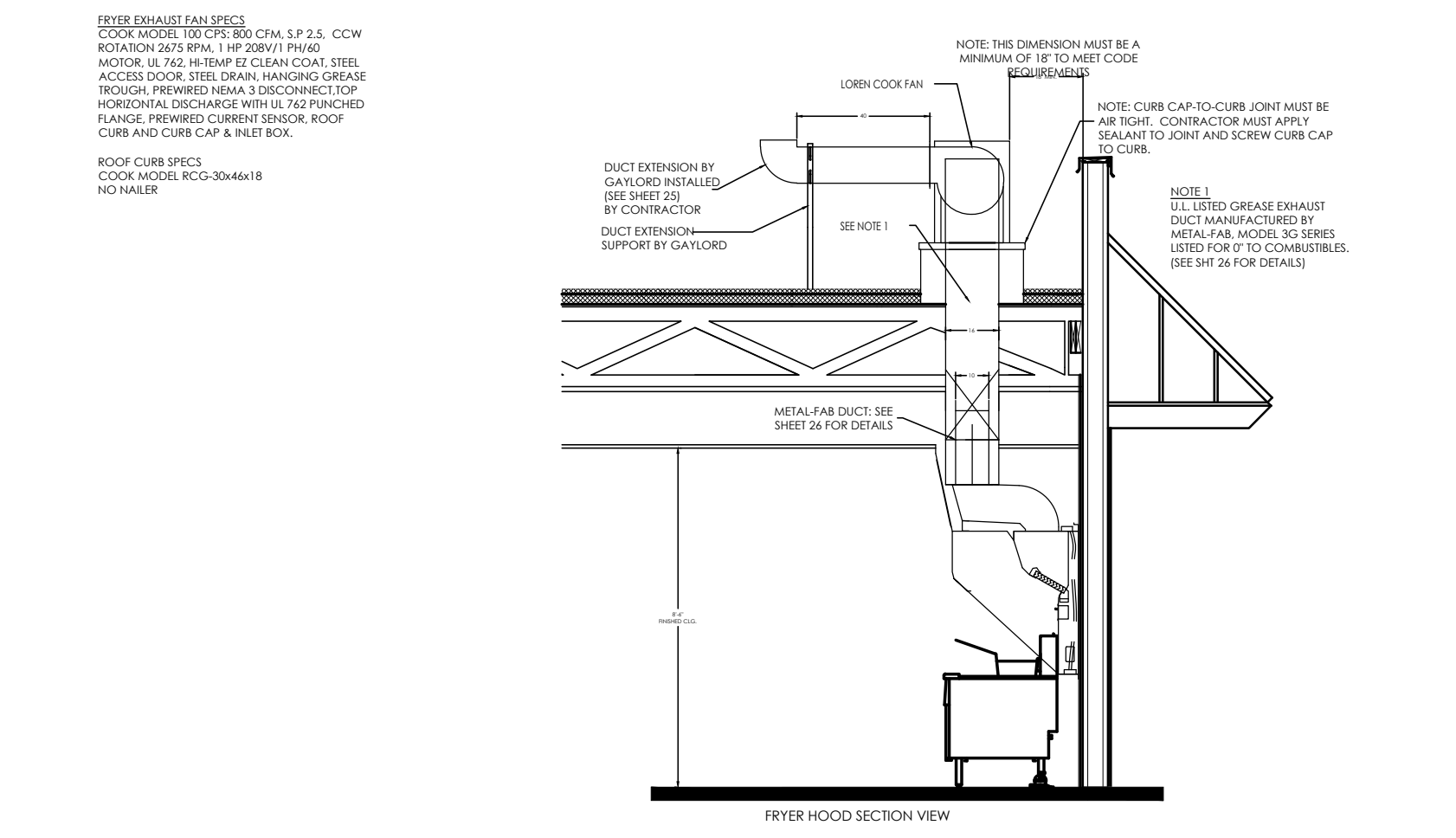
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No.	Date	By	Notes
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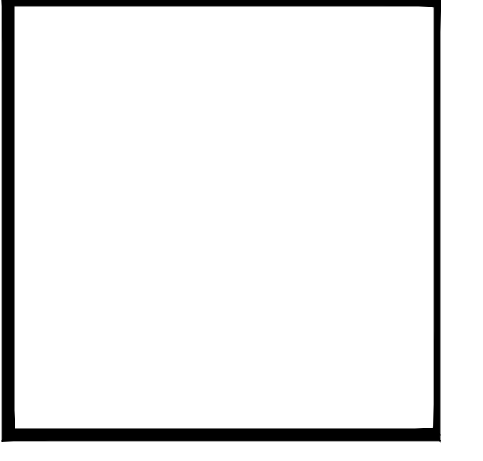
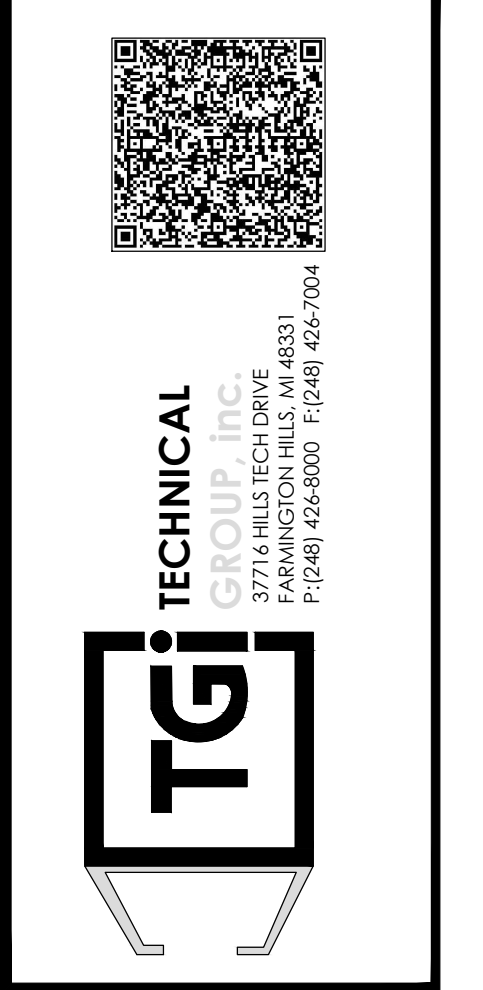
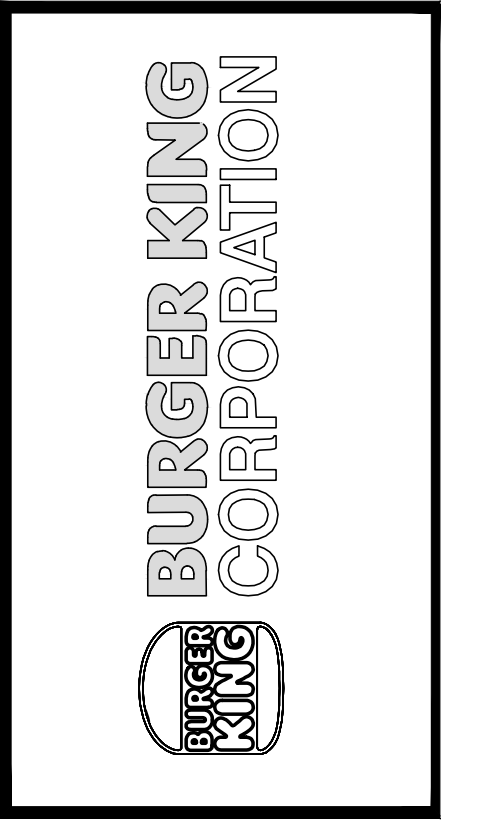
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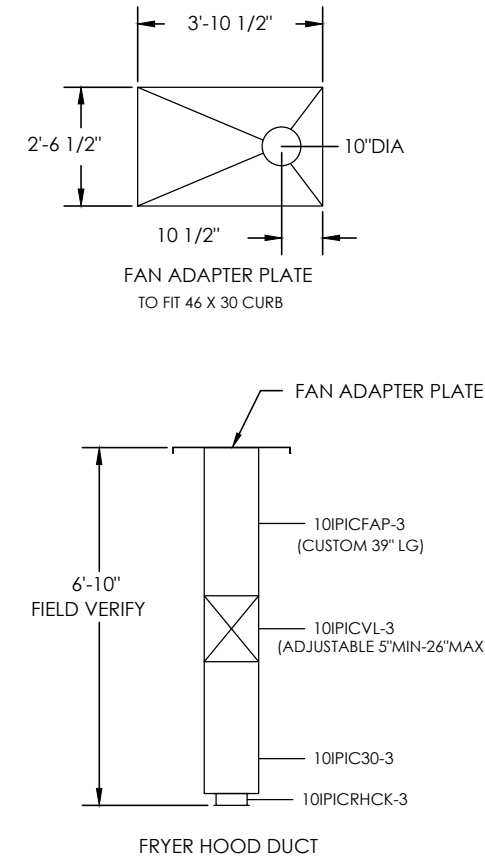
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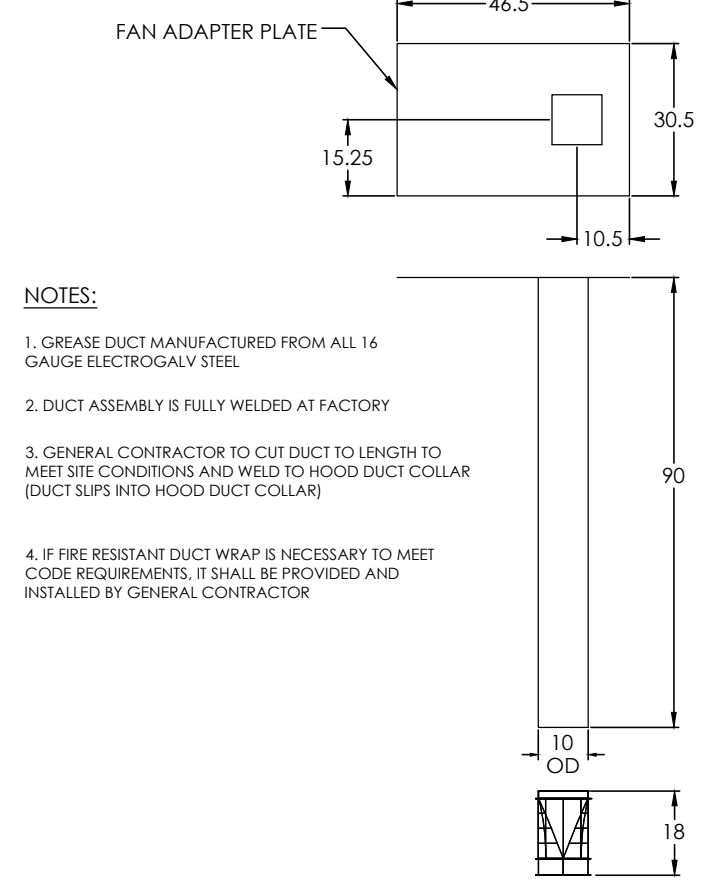
PROJECT	BURGER KING 1440 HARTMAN ST. ELKHART, IN 46514
SHEET TITLE	FRYER HOOD DRAWINGS
JOB #	TG-21668
SHEET	M-9

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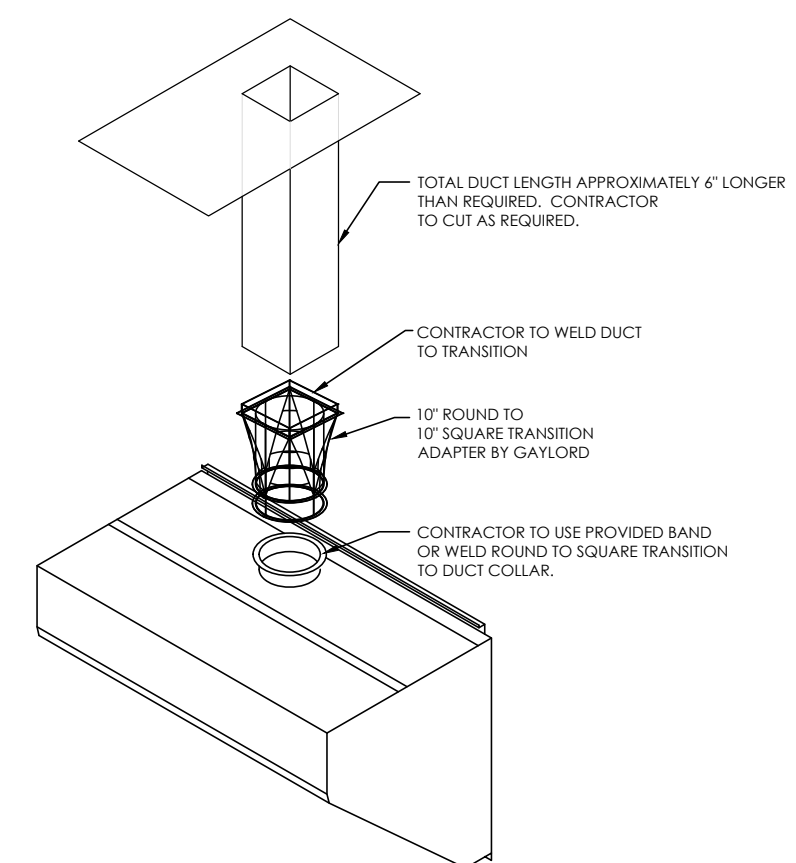
- NOTES:**
- METAL-FAB GREASE DUCT IS UL LISTED FOR 0" CLEARANCE TO COMBUSTIBLES:
 - > UL 1978
 - > UL 2221
 - > UL FILE #MH25506
 - INSTALLATION INSTRUCTIONS ARE INCLUDED WITH THE METAL-FAB PRODUCT. THESE INSTRUCTIONS CAN ALSO BE FOUND AT:
 - http://www.metal-fabcommercial.com/media/12502.pdf
 - ADDITIONAL METAL-FAB INFORMATION CAN BE OBTAINED BY VISITING www.greaseduct.com OR CALLING 800-835-2830
 - THE MAXIMUM DISTANCE FROM THE RESTAURANT FLOOR TO THE TOP OF THE ROOF DECK THAT THIS COMBINATION OF DUCT COMPONENTS AND HOOD WILL FIT IS 13'-10" (166"). VERIFY PRIOR TO ORDERING PRODUCT. THIS COMBINATION WILL FIT PROTOTYPICAL ROC AND ROC 20/20 ROOF DECK HEIGHTS. IF THE BUILDING IS A 20/20 EDGE OR A NON-STANDARD ROC BUILDING, ADDITIONAL SPOOLS MAY BE NECESSARY FOR ADDITIONAL COST. CONTACT GAYLORD FOR INFORMATION.



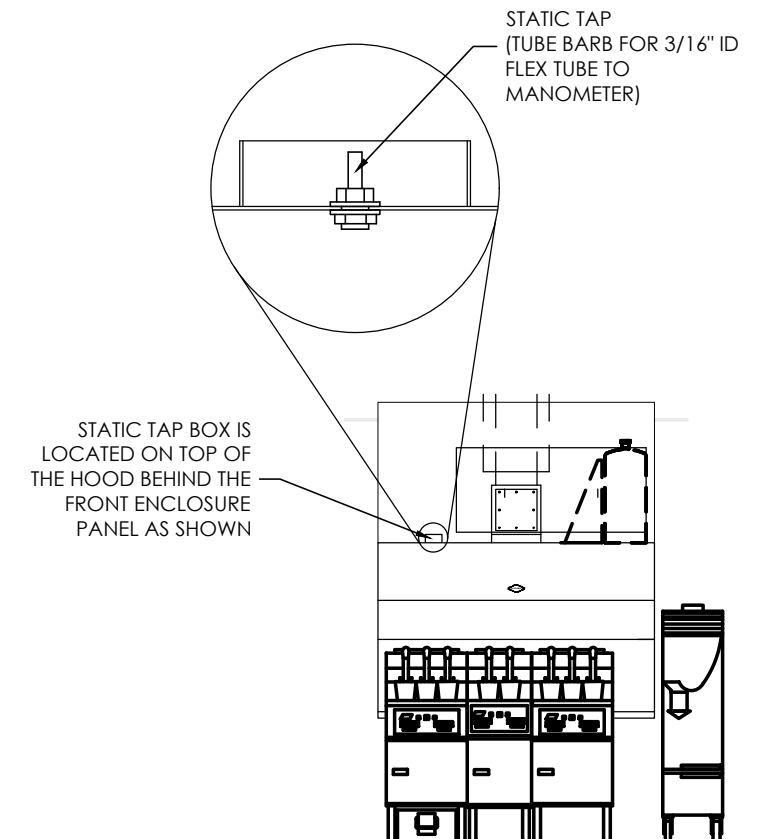
METAL-FAB DUCT COMPONENTS



OPTIONAL SQUARE DUCT KIT
USE THIS DUCT KIT WHEN METAL-FAB DUCT IS NOT USED.



- NOTES:**
- GREASE DUCT MANUFACTURED FROM ALL 16 GAUGE ELECTROLYTIC STEEL
 - DUCT ASSEMBLY IS FULLY WELDED AT FACTORY
 - GENERAL CONTRACTOR TO CUT DUCT TO LENGTH TO MEET SITE CONDITIONS AND WELD TO HOOD DUCT COLLAR (DUCT SLIPS INTO HOOD DUCT COLLAR)
 - IF FIRE RESISTANT DUCT WRAP IS NECESSARY TO MEET CODE REQUIREMENTS, IT SHALL BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR



PROCEDURE TO CONFIRM HOOD EXHAUST VOLUME

GAYLORD RECOMMENDS MEASURING THE STATIC PRESSURE IN THE PLENUM AS THE MEANS BY WHICH TO DETERMINE EXHAUST FLOW. THE STATIC TAP IS ACCESSED BEHIND A PLATE LOCATED AS SHOWN IN THE DRAWING TO THE LEFT.

REQUIREMENTS:

- A MANOMETER THAT READS IN INCHES OF WATER COLUMN AND A 3/16" ID FLEXIBLE TUBE TO CONNECT THE STATIC TAP TO THE MANOMETER
- READING MUST BE TAKEN AT ROOM TEMPERATURE WITH COOKING EQUIPMENT OFF AND COOL

THE PROPER STATIC PRESSURE READING FOR THE 850 CFM SPECIFIED FOR THIS HOOD AND COOKING EQUIPMENT = 0.37 IN W.G.

REV	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD
07	JFA	4/11/13	No Change					
06	JFA	11/5/11	MOVE C-1260 REV 01 TO C-1264 REV 6 BK APPROVED #					
05	JFA	11/5/11	ADD THIS SHEET					

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06	JFA	11/5/11	ADD THIS SHEET					

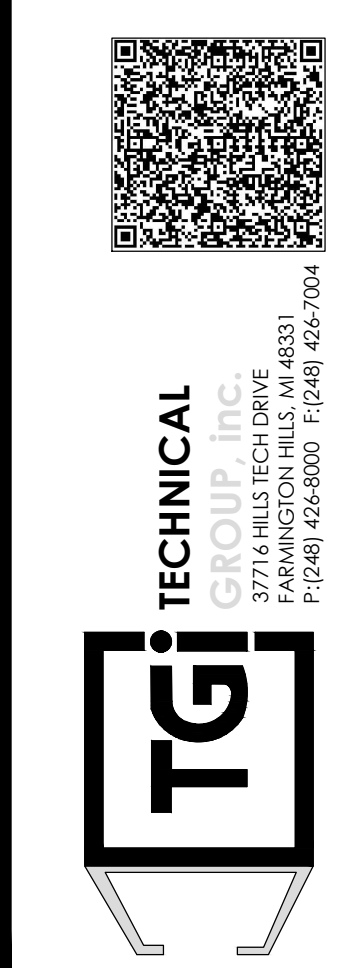
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ACTION	REACTION					COMMENTS
	EX FAN	ELECT PWR TO COOKING EQUIP	MECH. GAS VALVE	HVAC UNITS	MAKE-UP AIR UNIT (IF APPLICABLE)	
FAN SW TURNED ON	ON	ON	ON	ON	ON	HVAC UNITS MUST BE ON BEFORE EX FAN CAN COME ON
FAN SW TURNED OFF	OFF	OFF	ON	ON	OFF	
FIRE SYSTEM DISCHARGES	ON	OFF	OFF	OFF	OFF	
SLIPPING FAN BELT	ON	OFF	ON	ON	OFF	POWER TO COOKING EQUIP. OFF VIA CURRENT SENSOR
BROKEN FAN BELT	ON	OFF	ON	ON	OFF	POWER TO COOKING EQUIP. OFF VIA CURRENT SENSOR
POWER OUTAGE	OFF	OFF	ON	OFF	OFF	
HVAC SYSTEM TURNED OFF	OFF	OFF	ON	OFF	OFF	

REV	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD
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PROJECT
BURGER KING
1440 HARTMANE ST.
ELKHART, IN 46514

SHEET TITLE
FRYER HOOD DRAWINGS

DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

JOB #
TG-21668

SHEET
M-10

No.	Date	By	Notes
1		DB	FOR SUBMITTAL TO CITY PLANNING

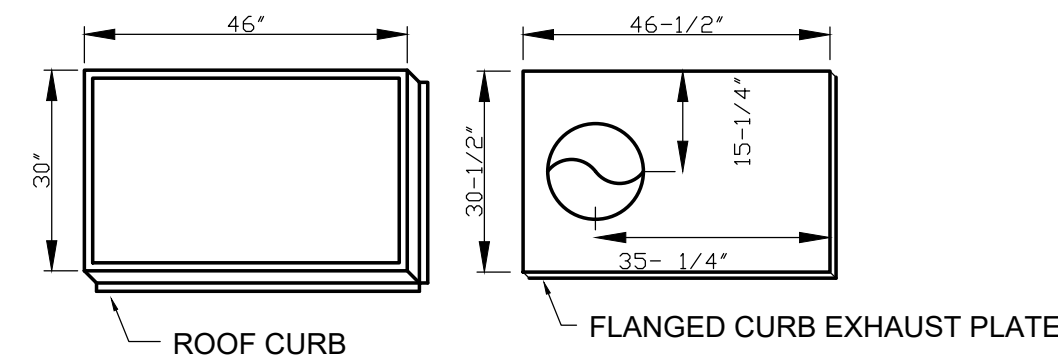
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STEP-1

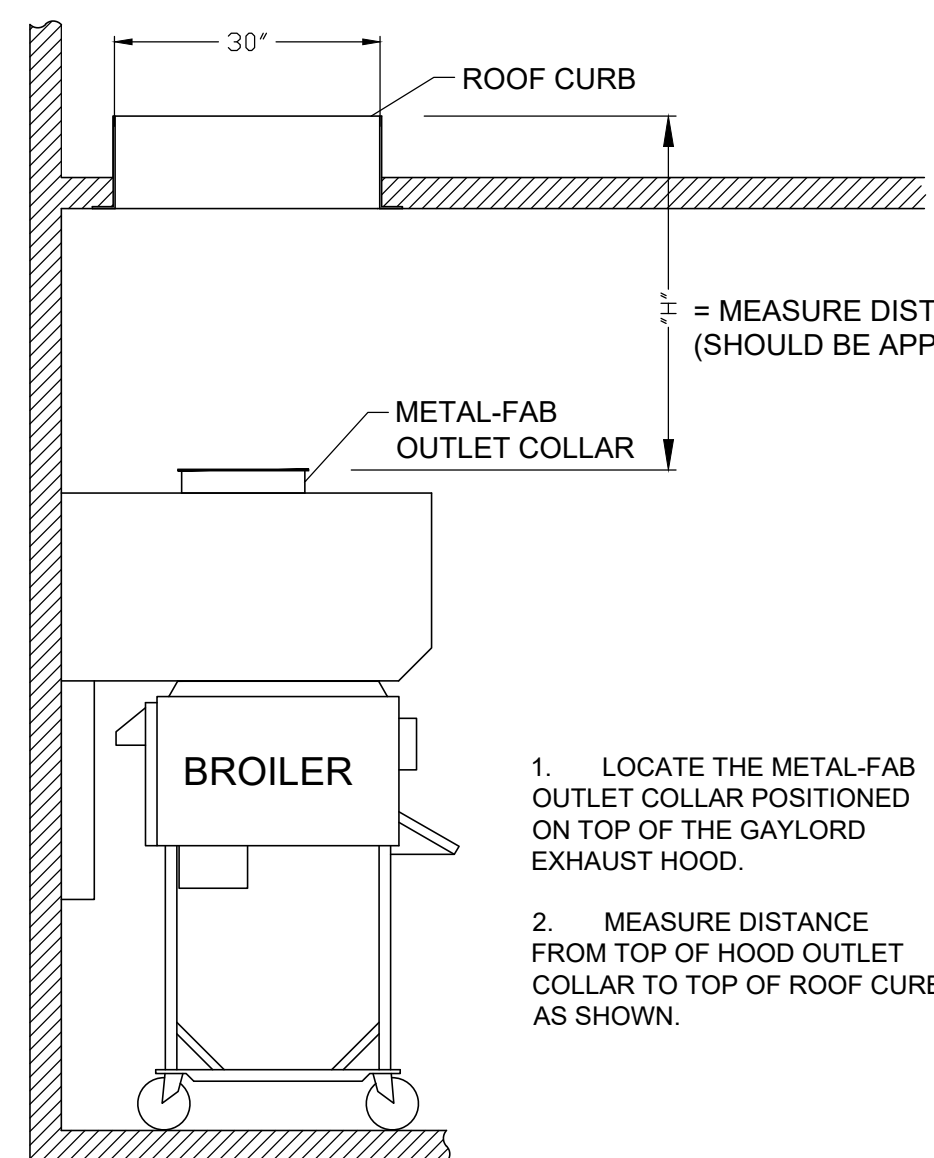
- COORDINATE WITH THE LATEST KITCHEN EQUIPMENT PLANS PRIOR TO INSTALLATION OF CURB. VERIFY WITH GENERAL CONTRACTOR.
- MARK AND PLUMB THE LOCATION OF THE ROUND OPENING FROM FLOOR TO DECK.
- PLACE CURB OVER OPENING BY USING DIMENSION GIVEN BELOW.
- WHEN GREASE FLANGE ARRIVES PLACE ON CURB WITH ROUND OVER OPENING IN DECK.

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



PLAN VIEW OF ROOF CURBS

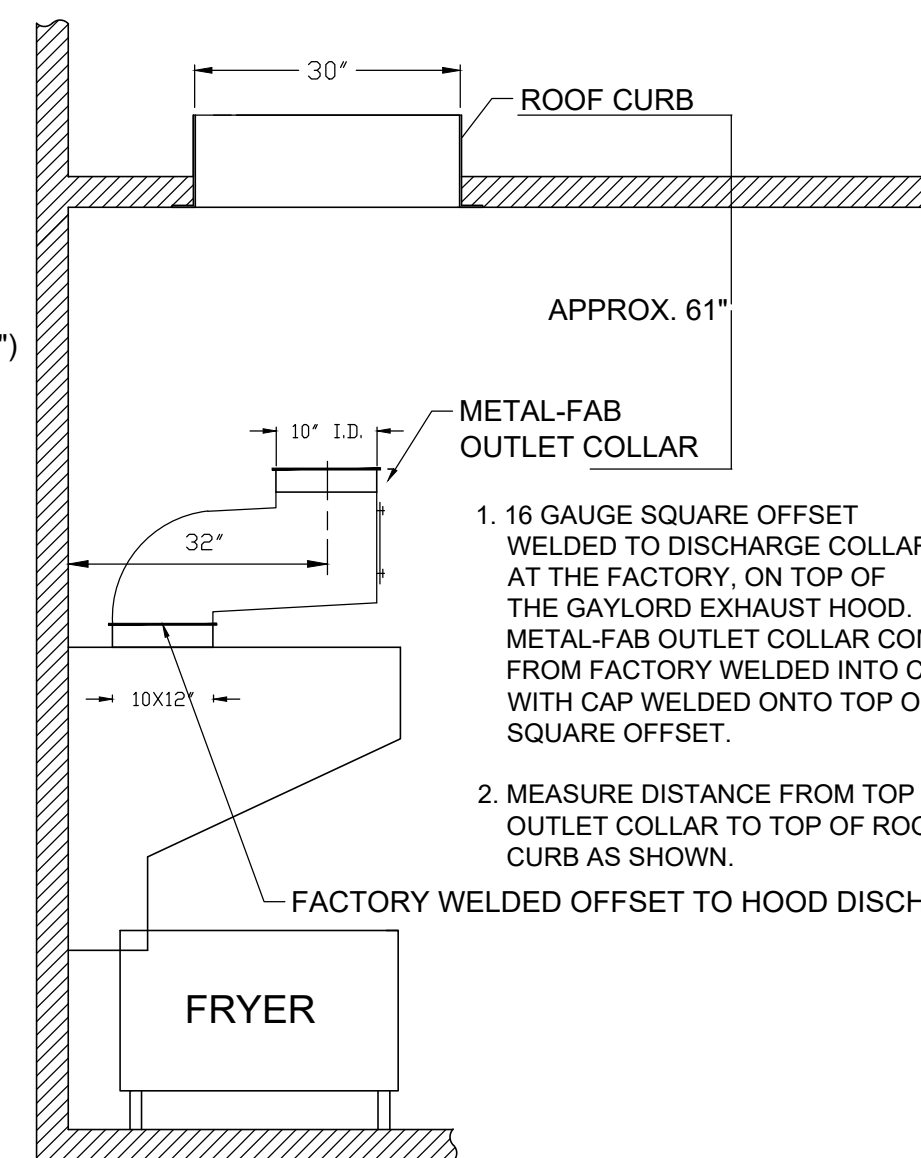
STEP-2 BROILER HOOD



- LOCATE THE METAL-FAB OUTLET COLLAR POSITIONED ON TOP OF THE GAYLORD EXHAUST HOOD.
- MEASURE DISTANCE FROM TOP OF HOOD OUTLET COLLAR TO TOP OF ROOF CURB AS SHOWN.

= MEASURE DISTANCE (SHOULD BE APPROX. 58")

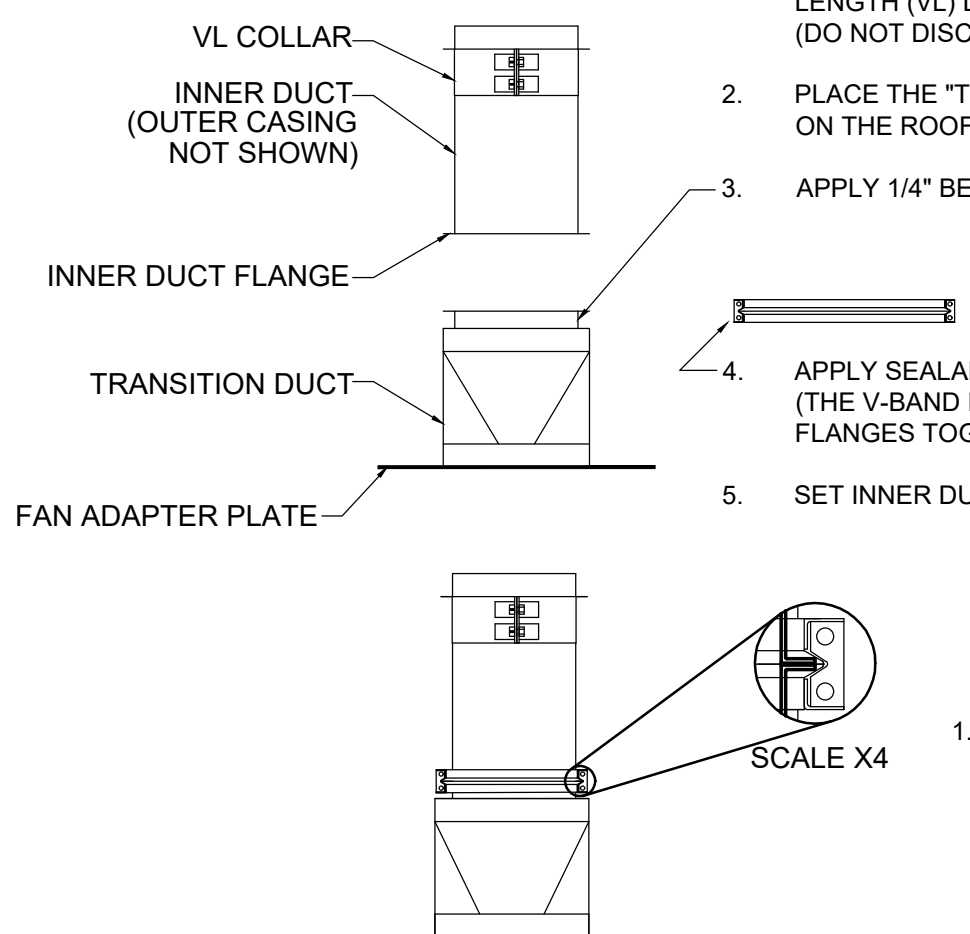
STEP-2 (FRYER HOOD)



- 16 GAUGE SQUARE OFFSET WELDED TO DISCHARGE COLLAR AT THE FACTORY, ON TOP OF THE GAYLORD EXHAUST HOOD. METAL-FAB OUTLET COLLAR COMES FROM FACTORY WELDED INTO CAP WITH CAP WELDED ONTO TOP OF SQUARE OFFSET.
- MEASURE DISTANCE FROM TOP OF OUTLET COLLAR TO TOP OF ROOF CURB AS SHOWN.

APPROX. 61"

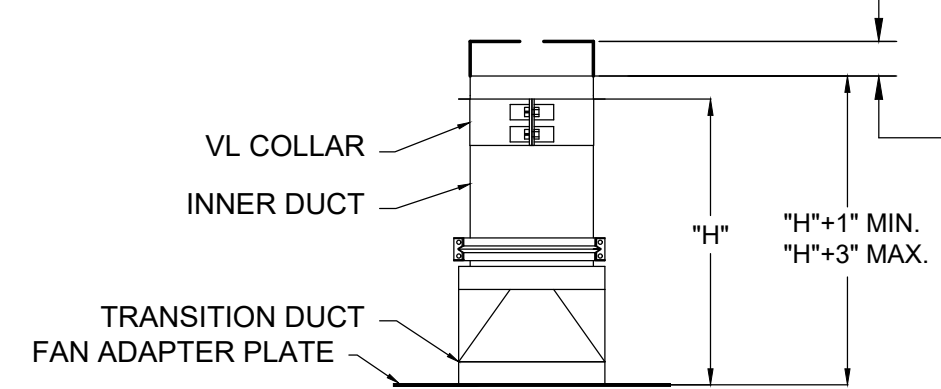
STEP-3



- REMOVE THE OUTER CASING & INSULATION FROM THE VARIABLE LENGTH (VL) DUCT. (DO NOT DISCARD INSULATION OR CASING. IT WILL BE USED LATER.)
- PLACE THE "TRANSITION DUCT/FAN ADAPTER PLATE" UPSIDE DOWN ON THE ROOF (FAN ADAPTER PLATE AGAINST ROOF).
- APPLY 1/4" BEAD OF SEALANT (PROVIDED) TO FLANGE.
- APPLY SEALANT TO INSIDE GROOVE OF V-BAND. (THE V-BAND IS USED TO CLAMP INNER DUCT FLANGES TOGETHER.)
- SET INNER DUCT FLANGE ON TRANSITION DUCT FLANGE.

- ATTACH THE V-BAND CLAMP OVER THE INNER DUCT FLANGES.
- 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.

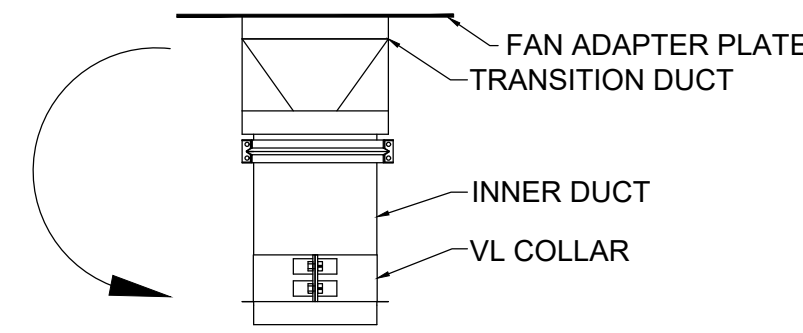
STEP-4



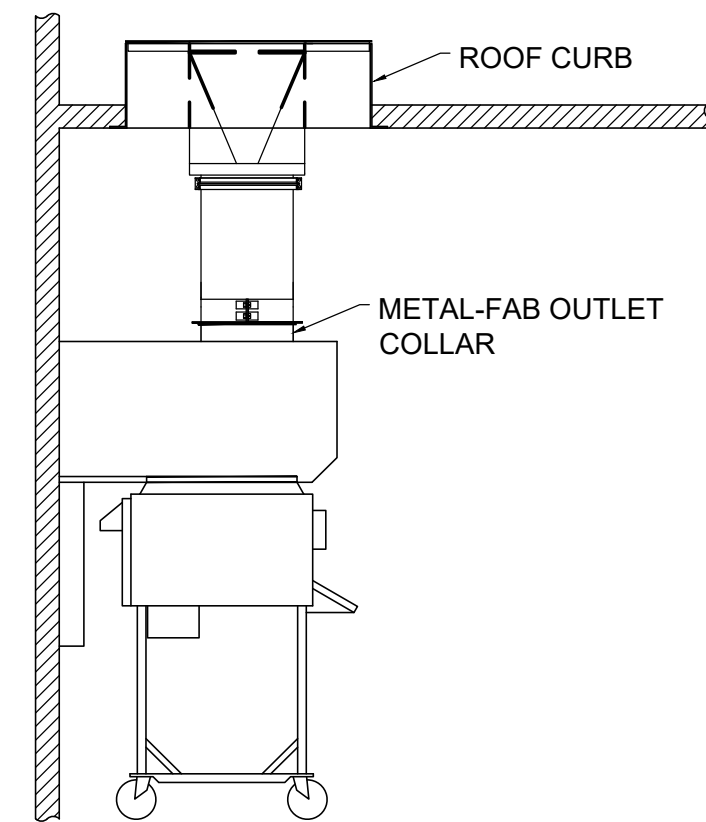
- LOOSEN AND RELOCATE VL COLLAR TO "H" DIMENSION AS MEASURED IN STEP 1. RETIGHTEN SCREWS ON COLLAR. (DO NOT REMOVE COLLAR FROM PIPE SECTION.)
- IF NEEDED, TRIM EXCESS DUCT LENGTH TO FINISHED LENGTH OF "H"+3 USING "H" LENGTH MEASURED IN STEP 2.

NOTE: FINISHED LENGTH OF "H"+1" (MINIMUM) UP TO "H"+3" (MAXIMUM) IS ACCEPTABLE.

STEP-4b Rotate duct 180°



STEP-5 (BROILER)

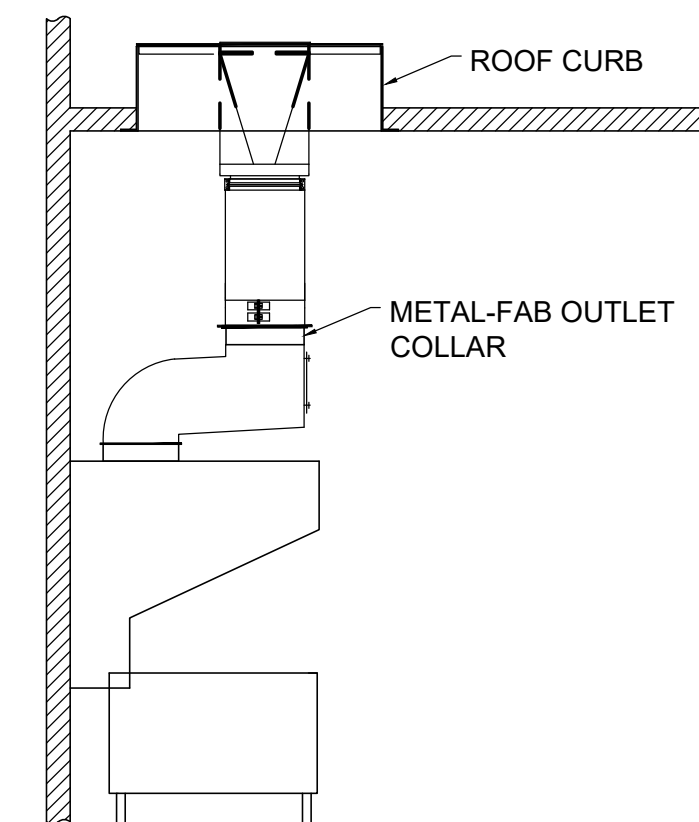


THE FOLLOWING INSTRUCTIONS ARE USED TO ALIGN THE GREASE DUCT TO THE HOOD OUTLET COLLAR.

- TURN THE DUCT ASSEMBLY OVER & CAREFULLY SLIDE THROUGH THE FAN CURB.
- CONTINUE LOWERING THE ASSEMBLY, AS IT APPROACHES THE HOOD, ALIGN THE OUTLET COLLAR & SLIP THE ASSEMBLY INTO THE COLLAR.
- CHECK THE FAN ADAPTER PLATE FOR PROPER POSITION. THE OUTSIDE EDGE OF THE FAN ADAPTER PLATE SHOULD BE APPROXIMATELY 1/4" FROM EDGE OF ROOF CURB.
- NOTE: IF THE FAN CURB IS NOT PROPERLY ALIGNED TO THE HOOD OUTLET COLLAR, THE FAN ADAPTER PLATE CAN BE TRIMMED TO RE-ALIGN.

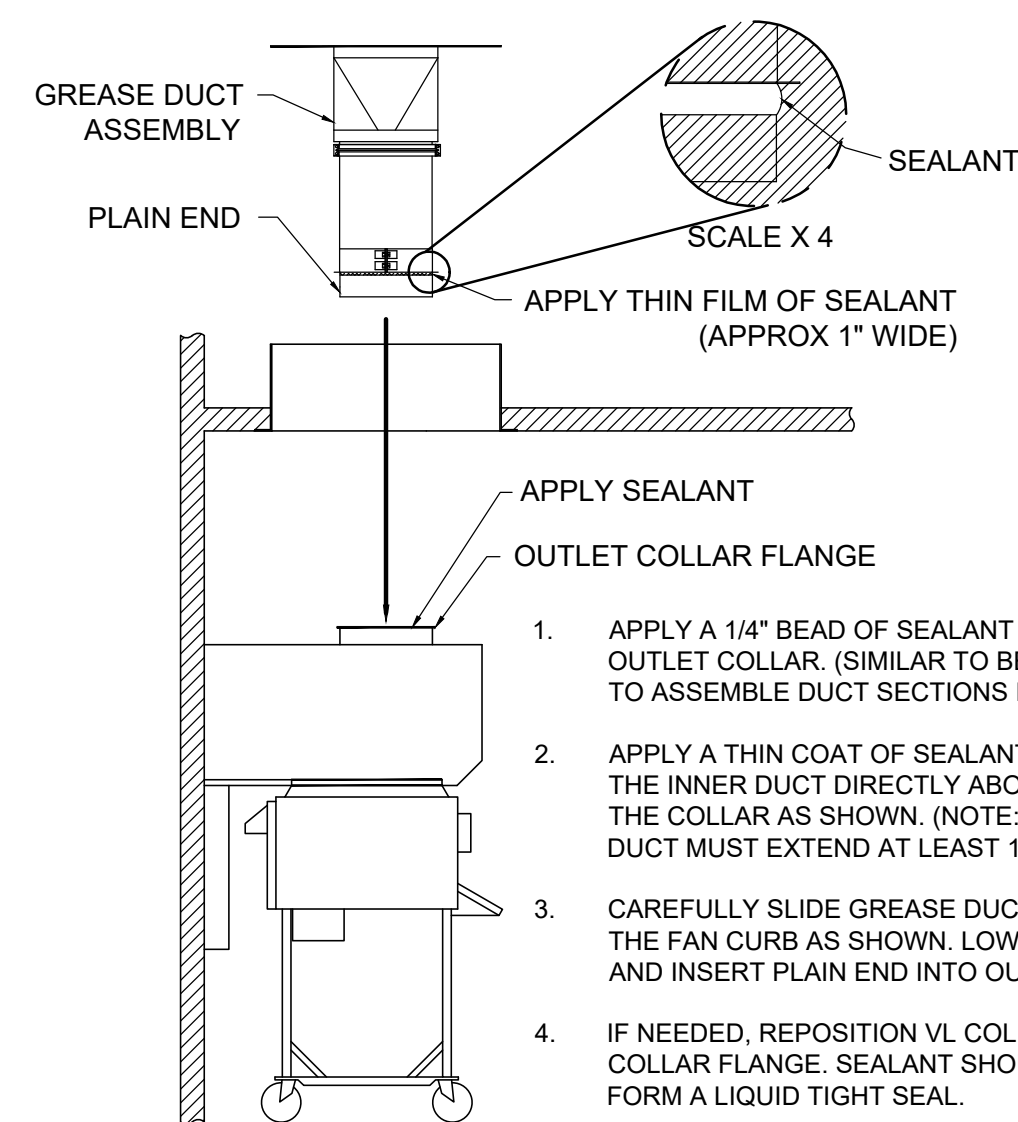
ONCE ALIGNMENT IS ESTABLISHED PROCEED TO STEP-6 TO SEAL AND ASSEMBLE GREASE DUCT TO EXHAUST HOOD.

STEP-5 (FRYER)



NOTE: ALL REMAINING INSTRUCTIONS PERTAIN TO BOTH BROILER EXHAUST HOOD AND FRYER EXHAUST HOOD, AS IN STEP-5.

STEP-6



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

HVAC SYSTEM
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CONSULTANTS / GROUP
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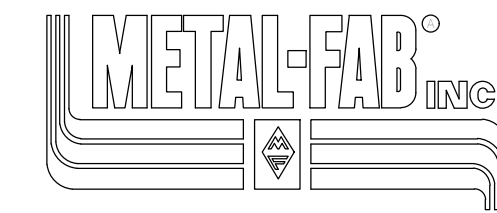
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TO CONTACT THE DESIGN DEPARTMENT BY PHONE CALL TOLL-FREE (877) 530-0078.

DATE	DESCRIPTION	BY
12-01-14	PROTOTYPE USE ONLY	KM

NOT FOR CONSTRUCTION



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 Industries.

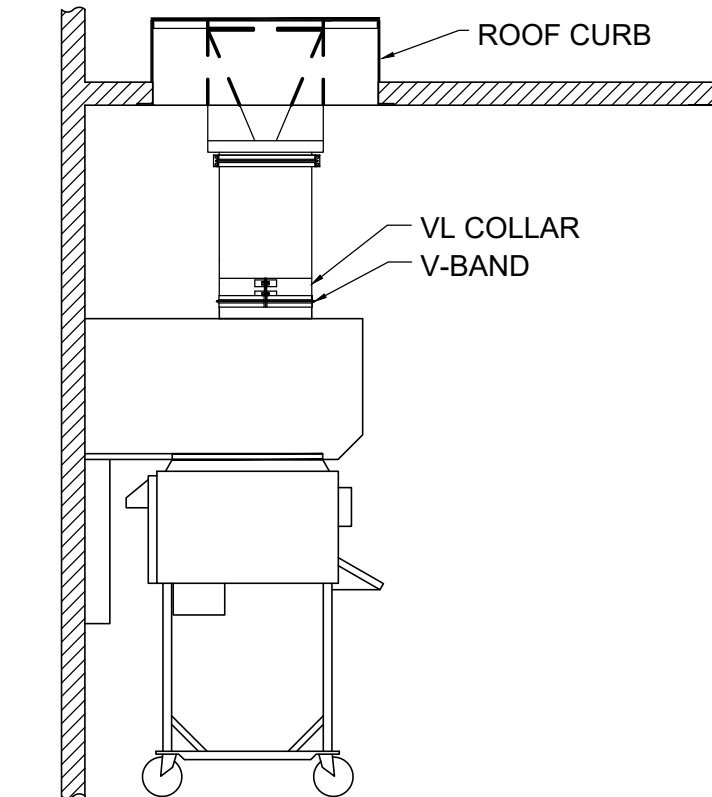
GENERAL INFORMATION

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.

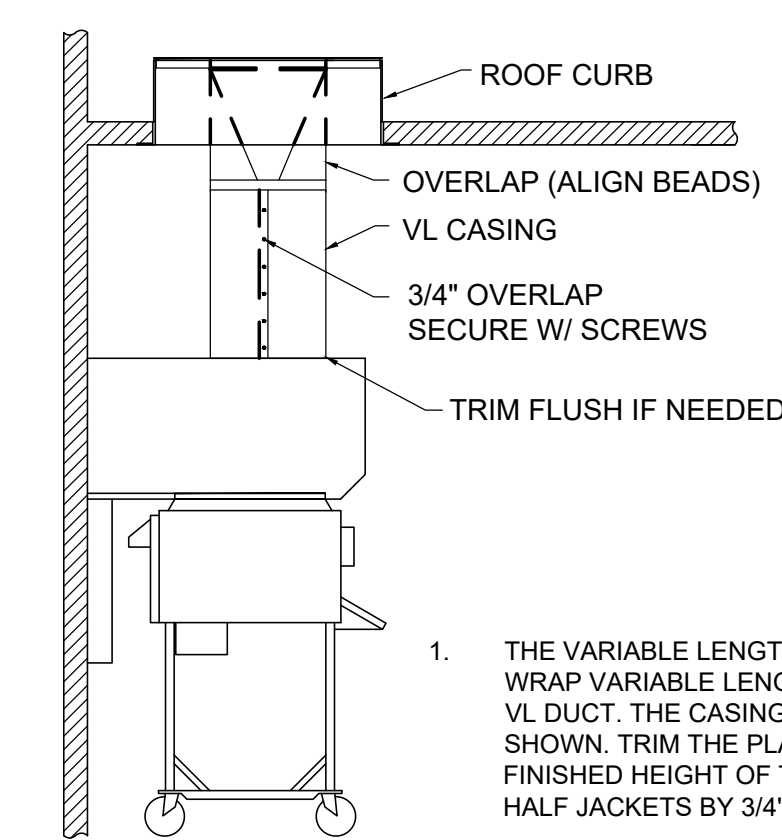
FOR QUESTIONS CALL METAL-FAB @ 1-800-835-2830 X 4165

STEP-7



- APPLY A BEAD OF SEALANT TO V-BAND CLAMP AND ATTACH TO JOINT AS SHOWN. REF. TO STEP 3.
- 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.)

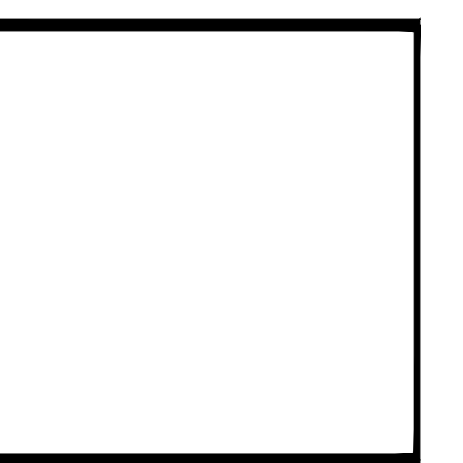
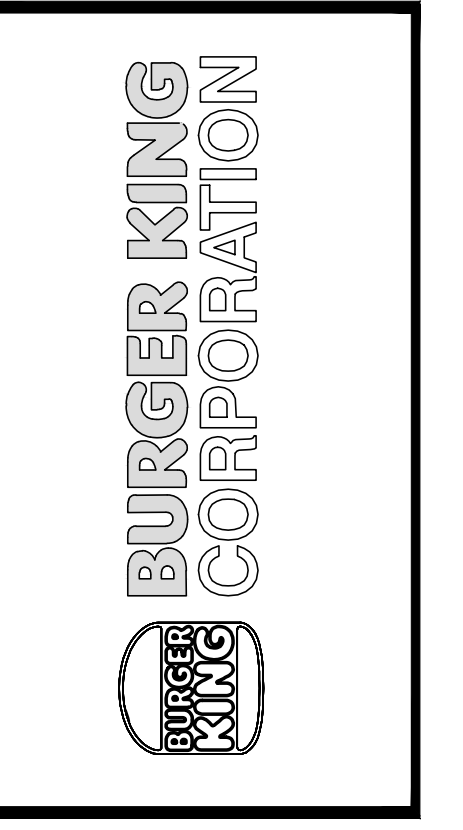
STEP-8



- THE VARIABLE LENGTH (VL) CASING IS MADE UP OF (2) HALF-JACKETS. WRAP VARIABLE LENGTH (VL) CASING COMPLETELY AROUND THE INSULATED VL DUCT. THE CASING SHOULD OVERLAP THE DUCT ABOVE THE VL AS SHOWN. TRIM THE PLAIN END OF (VL) CASING SPACE IF NEEDED TO FIT THE 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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PROJECT	BURGER KING 1440 WAPPANEE ST. ELKHART, IN 46514
SHEET TITLE	METAL-FAB DUCT INSTALLATION
JOB #	TG-21668
SHEET	M-11



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