



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 ST. ELKHART, IN 46514	OWNER: DAN PEYTON DIRECTOR OF CONSTRUCTION & DEVELOPMENT AMPLER DEVELOPMENT DPEYTON@AMPLER GROUP.COM 513.484.0965	ARCHITECT/ ENGINEER: TECHNICAL GROUP, INC. 37716 HILLS TECH DR FARMINGTON HILLS, MI 48331 P: (248) 426-8000
EQUIPMENT: H&K INTERNATIONAL TAYLOR NASH STRATEGIC ACCOUNTS SR. PROJECT MANAGER MOBILE: (972) 762-0364 OFFICE: (214) 818-3682 EMAIL: TAYLOR.NASH@HKI.COM	DECOR: FCC COMMERCIAL FURNITURE 8452 OLD HWY 99 N ROSEBURG, OR 97470 RANDY MOW Randy.Moe@fccfurn.com	SITE SURVEY: JONES PETRIE RAFINSKI CORP. 300 NIBCO PARKWAY SUITE 250 ELKHART, IN 46516 P: 574-293-7762 MIKEL CURRIER mcurrier@jprlsource.com P: 574.232.4388

LOCAL AUTHORITIES

BUILDING DIVISION CITY OF ELKHART 229 S 2ND ST., ELKHART, IN 46516 P: (574) 294-5474	HEALTH DEPARTMENT ELKHART COUNTY HEALTH DEPARTMENT (ENVIRONMENTAL HEALTH) 4230 ELKHART RD. ELKHART, IN 46517 PHONE: (574) 971-4600
	ELKHART COUNTY HEALTH DEPARTMENT 608 OAKLAND AVENUE ELKHART, IN 46516-211 PHONE: (574) 9523-2127

SIGNATURE BLOCK

"CITY OF GROVE CITY APPROVAL SIGNATURES ON THIS PLAN SIGNIFY ONLY THE CONCURRENCE WITH THE PURPOSE AND GENERAL LOCATION OF THE PROJECT. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE ENGINEER PREPARING THE PLANS."

CITY ADMINISTRATOR	PUBLIC SERVICE DIRECTOR	REVIEWED FOR THE CITY OF GROVE CITY
JACKSON TWP. FIRE DEPART.	ENGINEER OF RECORD	

CODE INFORMATION

PROJECT SCOPE: GROUND-UP BURGER KING BUILD

APPLICABLE CODES: 2014 INDIANA BUILDING CODE
2009 NATIONAL ELECTRIC CODE OF INDIANA
2012 INDIANA PLUMBING CODE
2014 INDIANA MECHANICAL CODE
2014 INDIANA FIRE CODE
ICC ANSI 117.1-2009
INDIANA ENERGY CONSERVATION CODE

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

PROPOSED OCCUPANCY LOAD CALCULATIONS:

TOTAL AREA OF BUILDING: 3,125 SF

PROPOSED SEAT COUNT: 54

NUMBER OF EMPLOYEES (INCLUDING OWNERS AND MANAGERS):8

TOTAL: 62

RESTROOM PLUMBING FIXTURES

FROM 2014 IBC , TABLE 2902.1

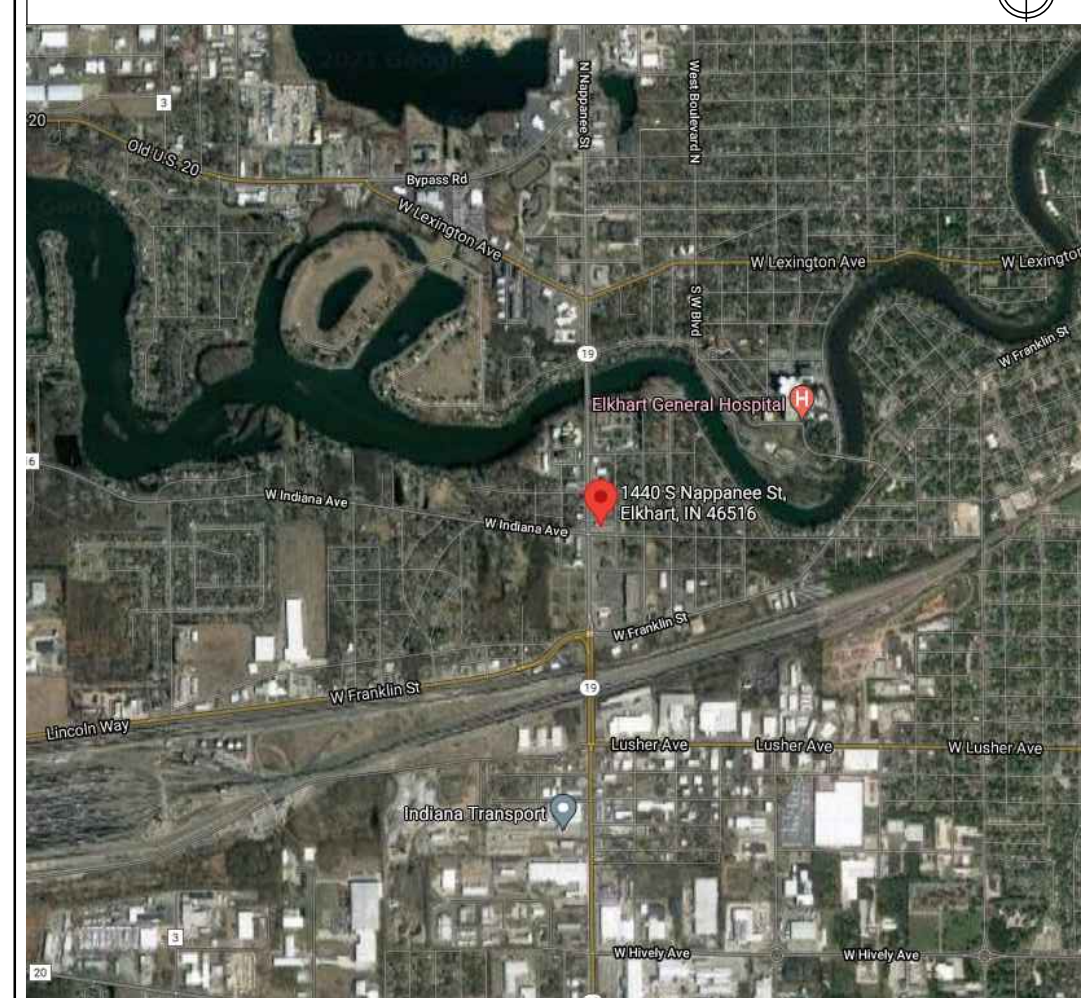
BUILDING OCCUPANCY CALCULATION (FROM TABLE 1004.1.1):
MAXIMUM OCCUPANTS (GREATEST OF OCCUP. CALCULATION OR SEAT COUNT NUMBERS) = 62
50% MALE AND 50% FEMALE = 62/2 = 31 EACH

31/75 = .41 = 1 WC EACH RESTROOM. (TABLE 2902.1)

31/200 = .16 = 1 LAV EACH RESTROOM. (TABLE 2902.1)

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

VICINITY MAP (N.T.S.)



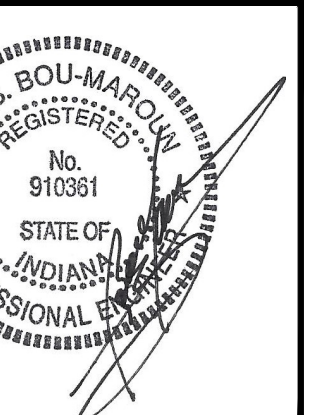
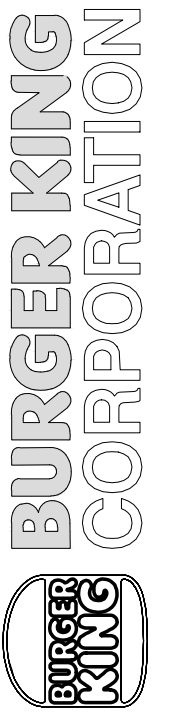
INCLUDED IN PLANNING

SHEET INDEX

SHEET #	SHEET TITLE
T-1	COVER SHEET
T-1.1	ADA STANDARDS
CIVIL	
	TOPO & BOUNDARY BY OTHERS
C-1	DEMO SITE PLAN
C-2	PROPOSED SITE PLAN
C-3	SITE DETAILS
C-3.1	TRASH ENCLOSURE DETAILS
C-4	SITE ELECTRICAL
C-5	GRADING/UTILITY PLAN
C-6	SOIL EROSION SITE PLAN
LS-1	LANDSCAPE PLAN
SL-1	SITE LIGHTING (BY OTHERS)
STRUCTURAL	
S-1	FOUNDATION PLAN
S-1.1	FOUNDATION DETAILS
S-2	ROOF FRAMING PLANS AND DETAILS
S-3	STRUCTURAL NOTES AND DETAILS
ARCHITECTURAL	
A-1	PROPOSED FLOOR PLAN
A-1.1	MISCELLANEOUS DETAILS
A-2	PROPOSED EXTERIOR ELEVATIONS
A-2.1	PROPOSED EXTERIOR ELEVATIONS
A-2.2	EXTERIOR FINISH SCHEUDLE
A-3	BUILDING SECTIONS
A-3.1	PROPOSED RESTROOM ELEVATIONS AND DETAILS
A-4	REFLECTED CEILING PLAN
A-4.1	REFLECTED CEILING 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
EQ-1	EQUIPMENT PLAN
MPE	
M-1	H.V.A.C PLAN AND SCHEDULES
M-2	ROOF H.V.A.C AND DETAILS
M-3	BROILER-OVEN HOOD DRAWINGS
M-4	BROILER - OVEN HOOD DRAWINGS
M-5	BROILER - OVEN HOOD DRAWINGS
M-6	GAYLORD FRYER HOOD DRAWINGS
M-7	GAYLORD 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
E-2	POWER PLAN
E-3	ELECTRICAL PANELS AND RISERS
E-4	TECHNOLOGY PLAN
E-5	MASTER CONTRACTOR PANEL

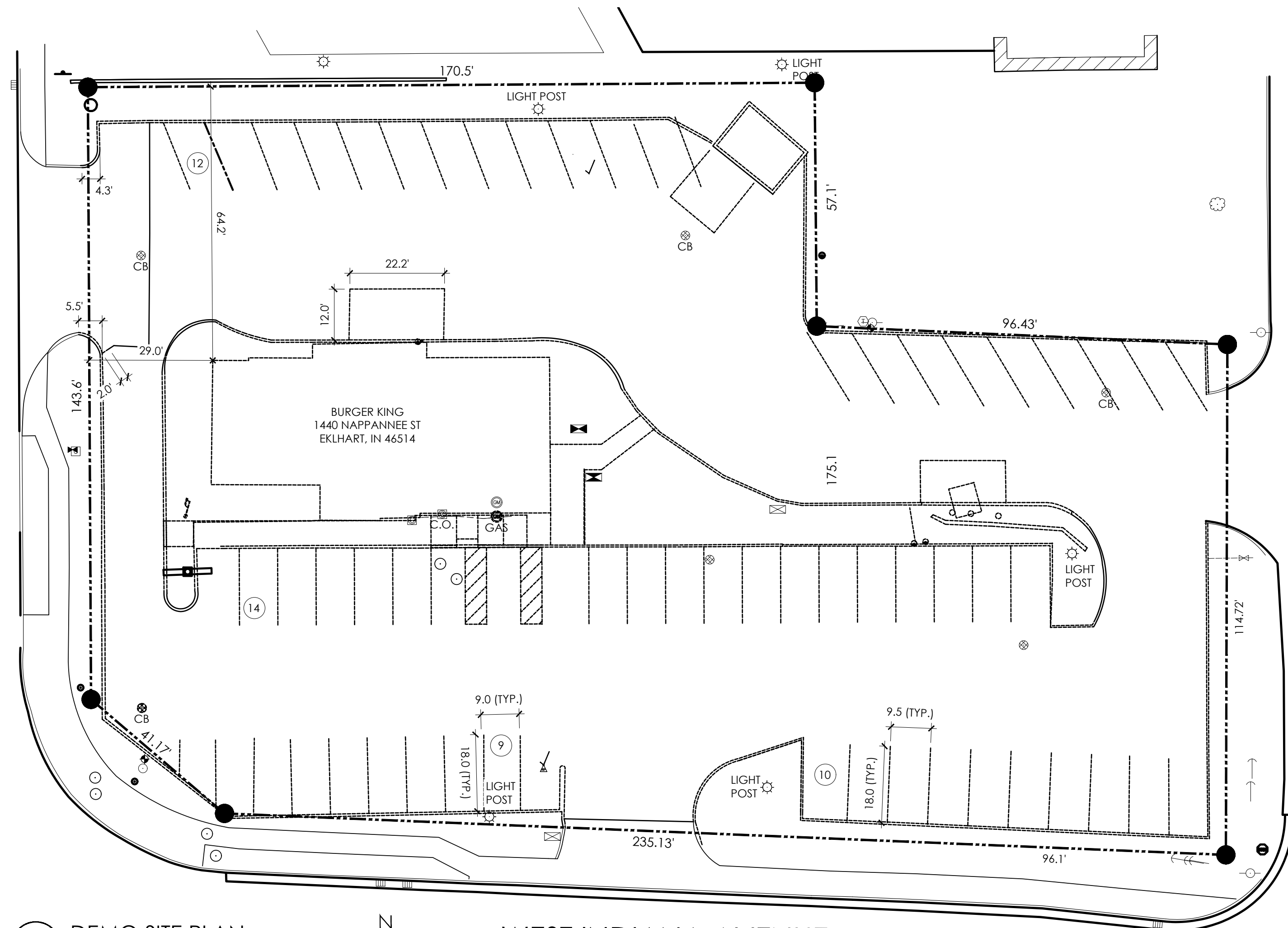
No.	1	Date	By	Notes
			DB	FOR SUBMITTAL TO CITY PLANNING
Drawn By: CP				
Checked: SB				
Scale: AS NOTED				
Date: --/--21				

ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAY BE COPIED, REPRODUCED OR USED IN CONNECTION WITH ANY WORK, OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED, WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE ARCHITECT.



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

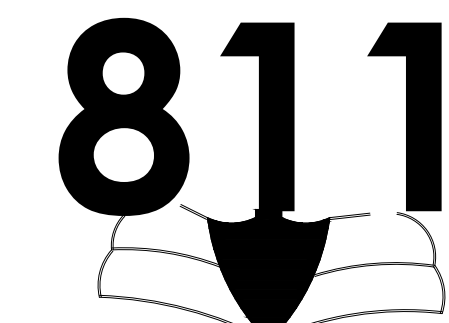
1 DEMO SITE PLAN
SCALE: 1:20

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.

SITE AREA

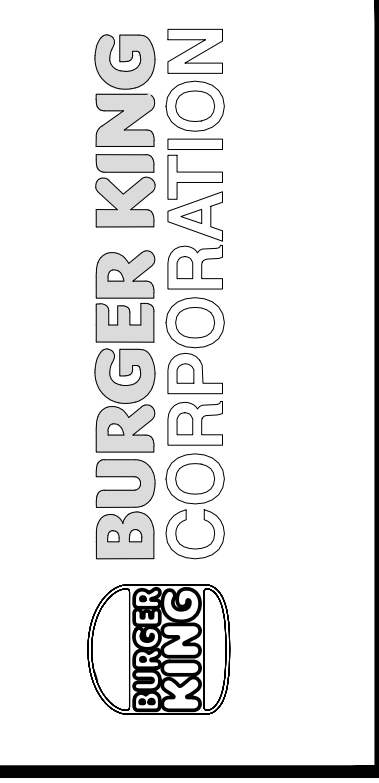
TOTAL SITE AREA:	40,776 SF (0.94 ACRES)
BUILDING AREA:	3,160 SF
NUMBER OF PARKING SPACES REQUIRED:	28 SPACES
NUMBER OF HANDICAP SPACES:	3 (1 VAN ACCESSIBLE)



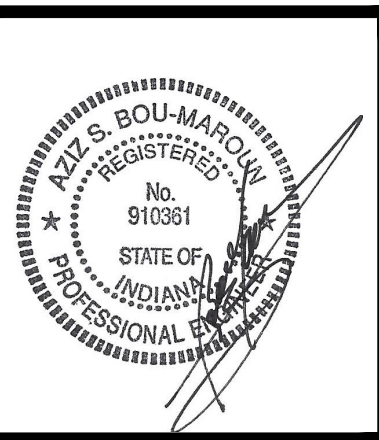
KNOW WHAT IS BELOW
CALL BEFORE
YOU DIG



VICINITY MAP (N.T.S.)



TGI
TECHNICAL GROUP Inc.
37716 HILLS TECH DRIVE
FARMINGTON HILLS, MI 48331
P: (248) 426-8000 F: (248) 426-7004



PROJECT BURGER KING 1440 NAPPANEE ST. EKLHART, IN 46514	JOB # TG-21668
SHEET TITLE DEMO SITE PLAN	SHEET C-1

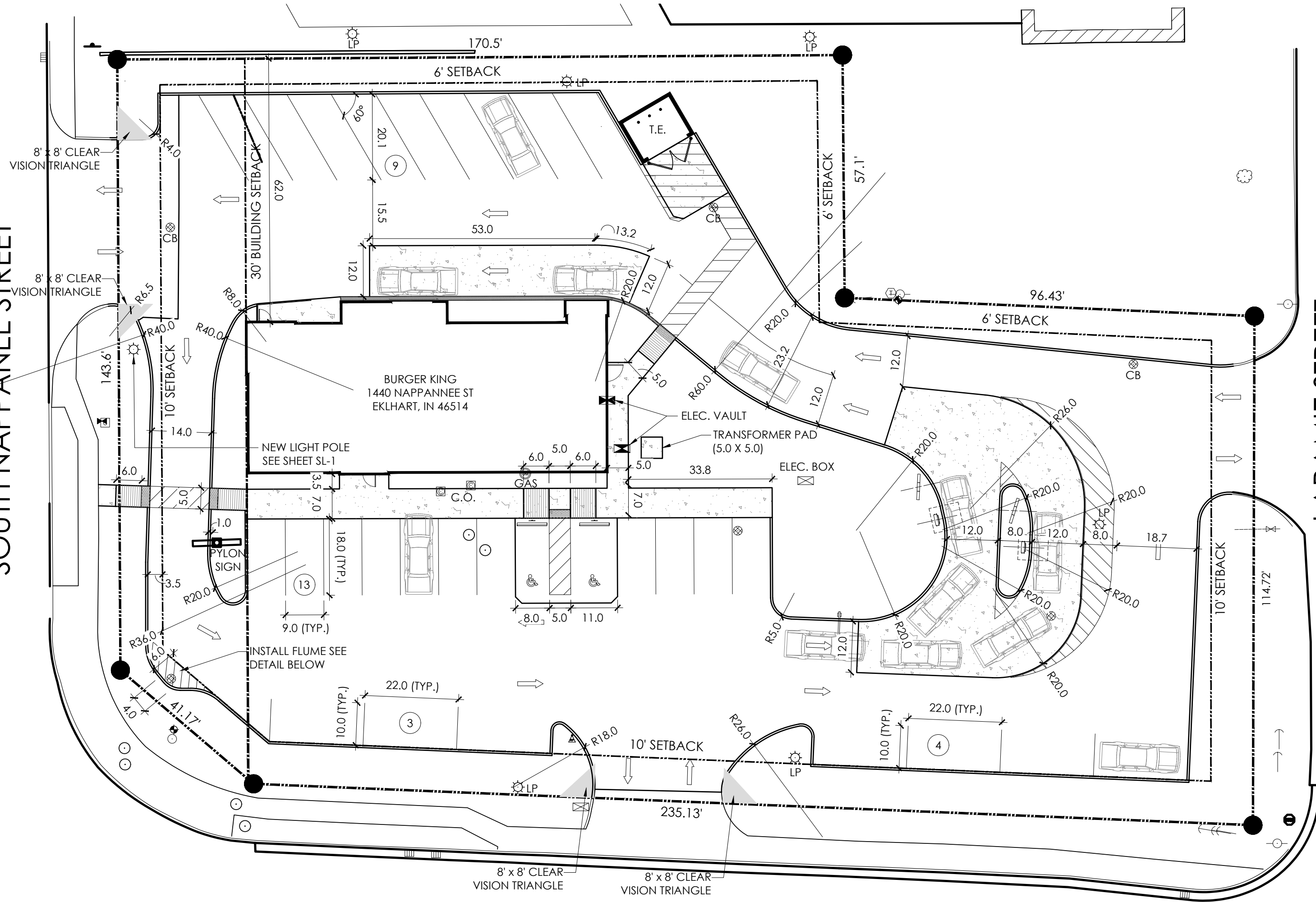
No.	Date	By	Notes
1		DB	FOR SUBMITTAL TO CITY PLANNING
Drawn By: CP			
Checked: 58			
Scale: AS NOTED			
Date: --/--/21			

ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE ARCHITECT.

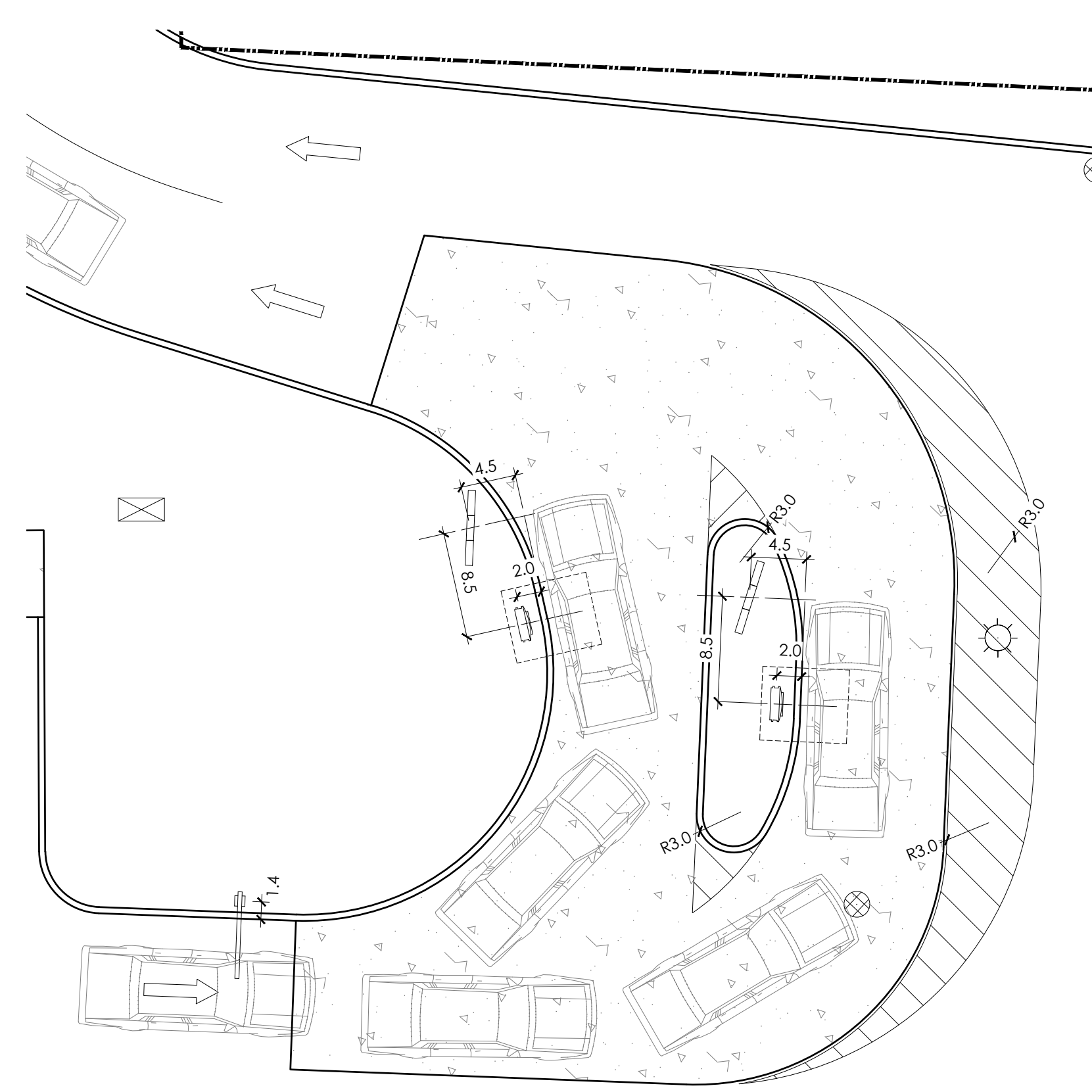
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

SOUTH NAPPANEE STREET

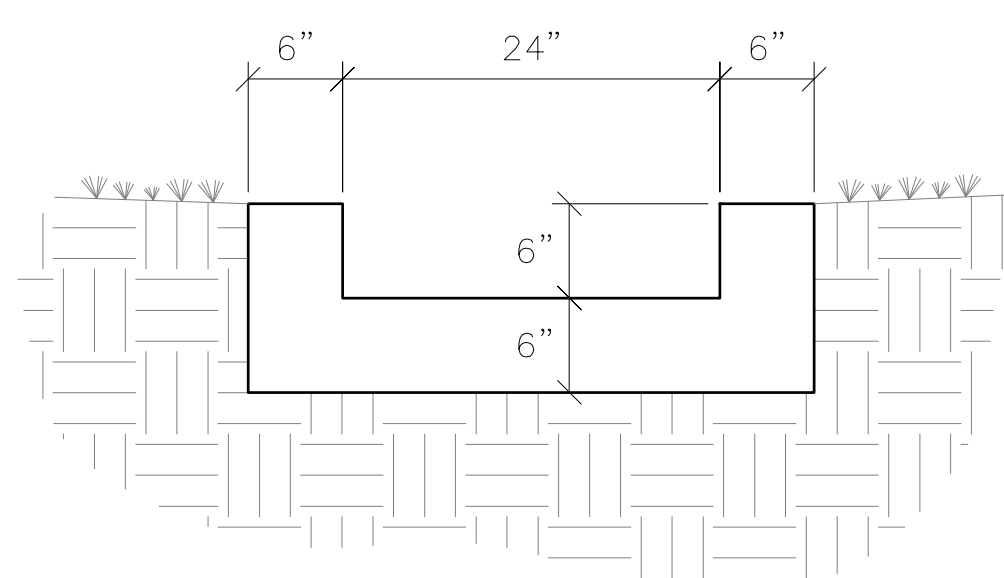
LARAMIE STREET



1 PROPOSED SITE PLAN
SCALE: 1:20



2 ENLARGED DRIVE THRU PLAN
SCALE: 1:10



A CONCRETE FLUME DETAIL
SCALE: NTS

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 OCUs 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.)
- INSTALL NEW LIGHT POLE. (SEE SHEET SL-1)

GENERAL SIGNAGE NOTES

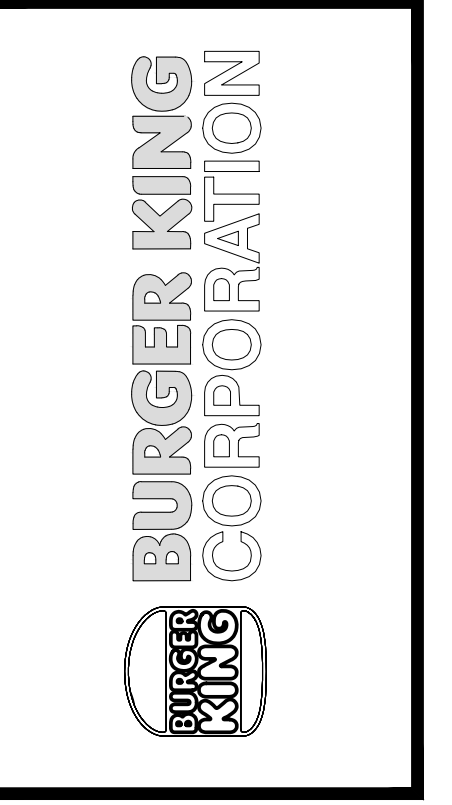
- SIGN INSTALLER RESPONSIBILITIES:
1. PROVIDE ALL DRAWINGS NECESSARY FOR SIGN PERMITS.
 2. APPLY FOR, OBTAIN, AND PAY FOR ALL REQUIRED SIGN PERMITS.
 3. COORDINATE EXCAVATION OF SIGN FOUNDATIONS WITH G.C.
 4. SET ANCHOR BOLTS OR BASE PLATES AS REQUIRED.
 5. COMPLETE SIGN INSTALLATION.
 6. REMOVE EXCESS 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/PROVIDED:	28/29 SPACES
NUMBER OF HANDICAP SPACES:	2 (1 VAN ACCESSIBLE)

No.	Date	By	Notes
1	11/21/21	DB	FOR SUBMITTAL TO CITY PLANNING
Drawn By: CP			
Checked: SB			
Scale: AS NOTED			
Date: 11/21/21			

ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT WRITTEN AUTHORIZATION FROM THE ARCHITECT.



QR CODE

TECHNICAL GROUP INC.
3716 HILLS TECH DRIVE
FARMINGTON HILLS, MI 48331
P: (248) 426-8000 F: (248) 426-7004



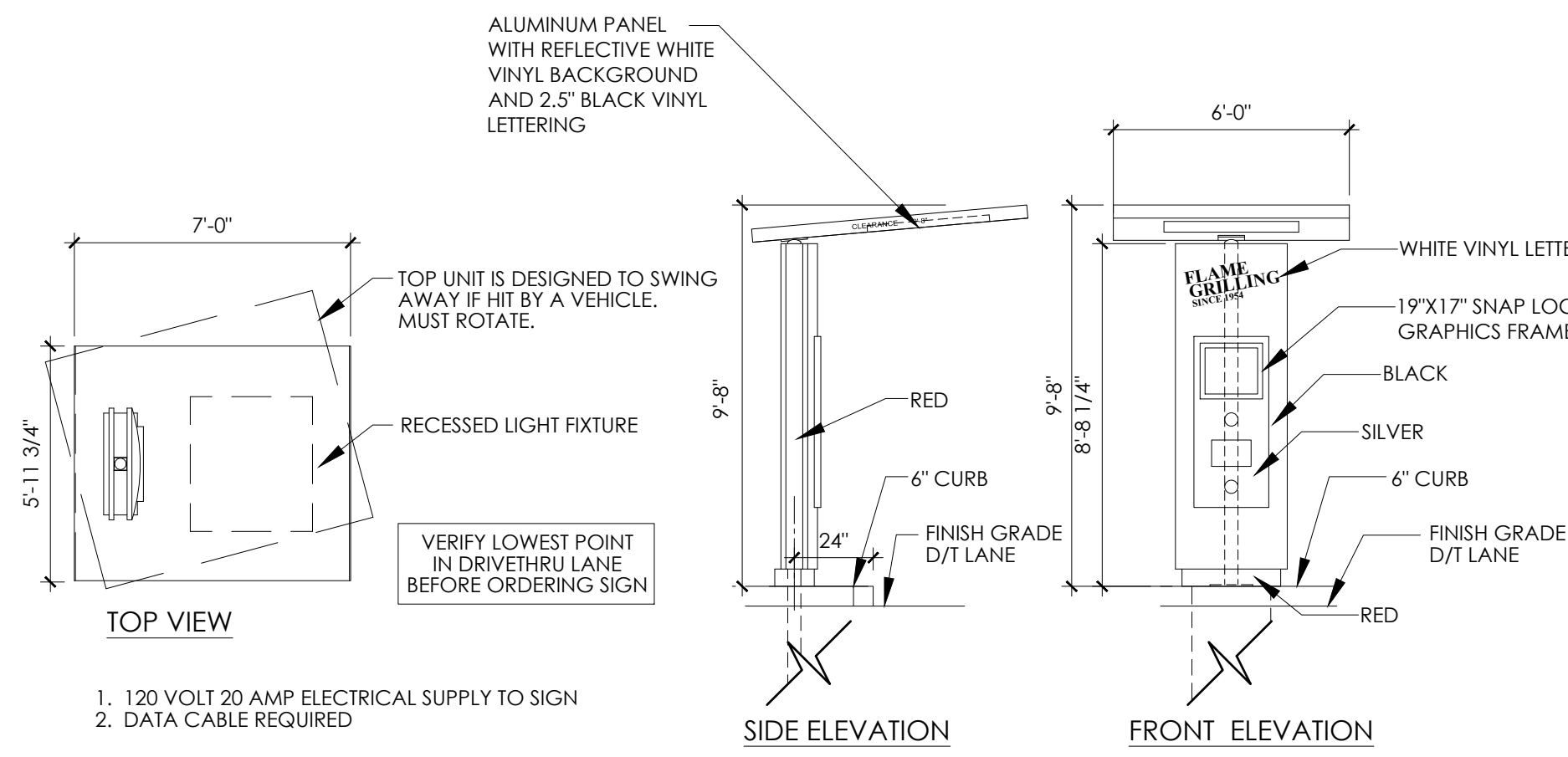
PROJECT: BURGER KING
1440 NAPPANEE ST.
EKLHART, IN 46514

SHEET TITLE: PROPOSED SITE PLAN

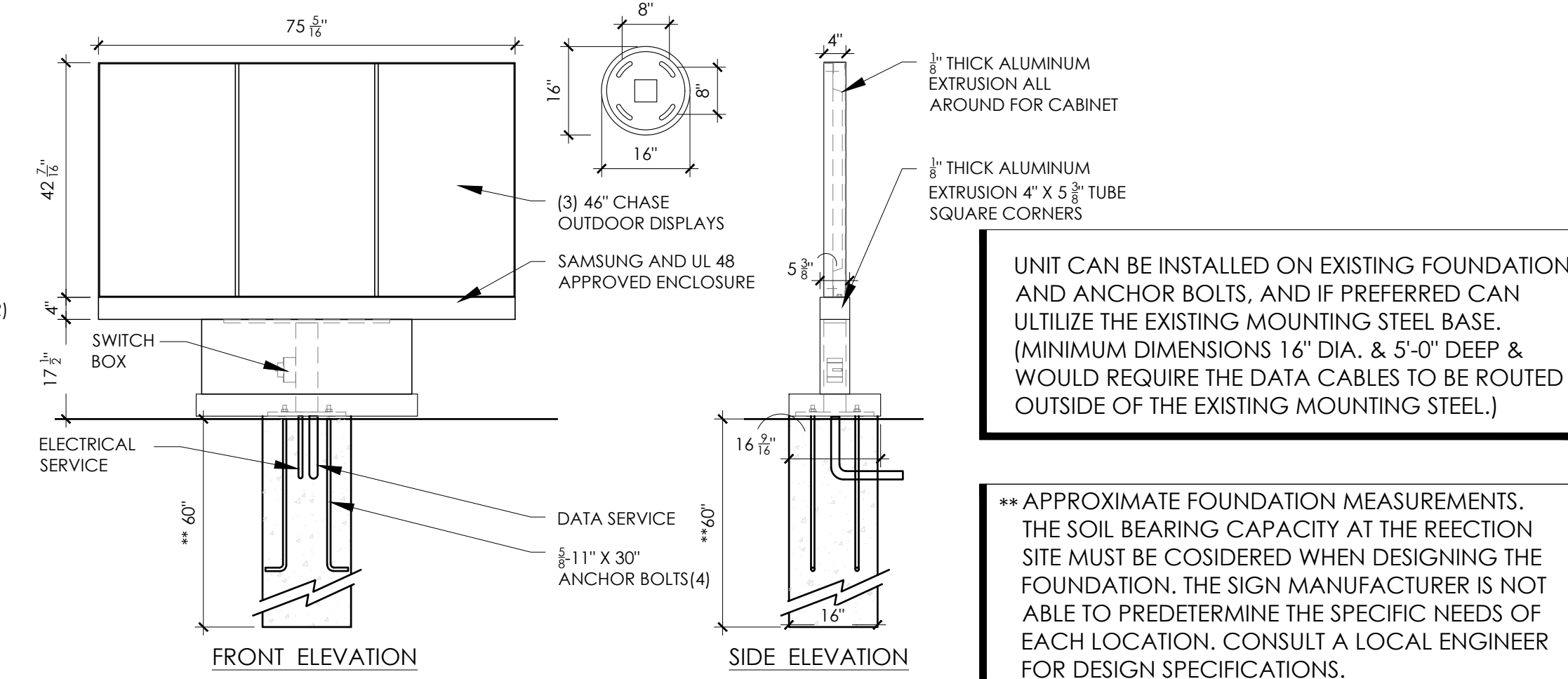
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

JOB # TG-21668

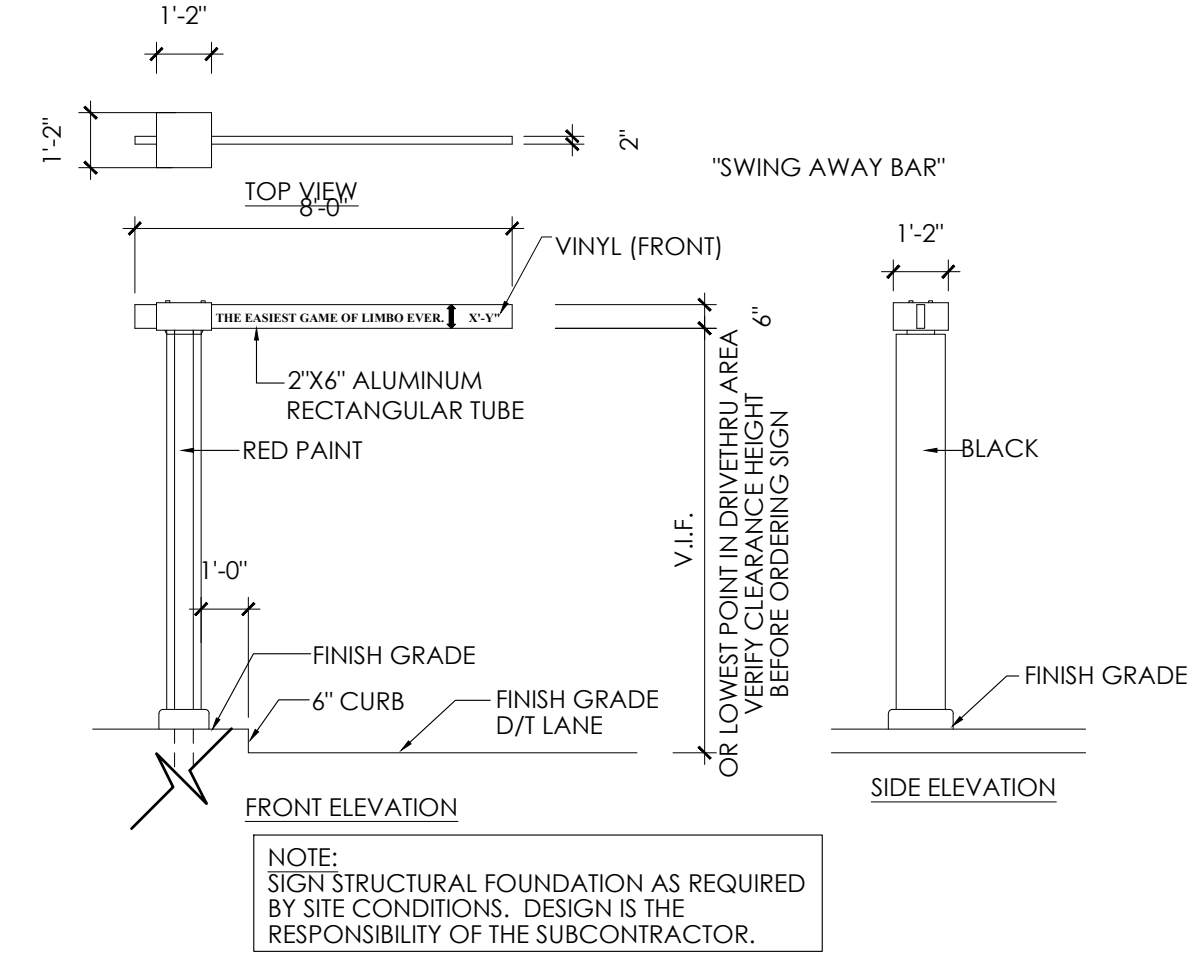
SHEET C-2



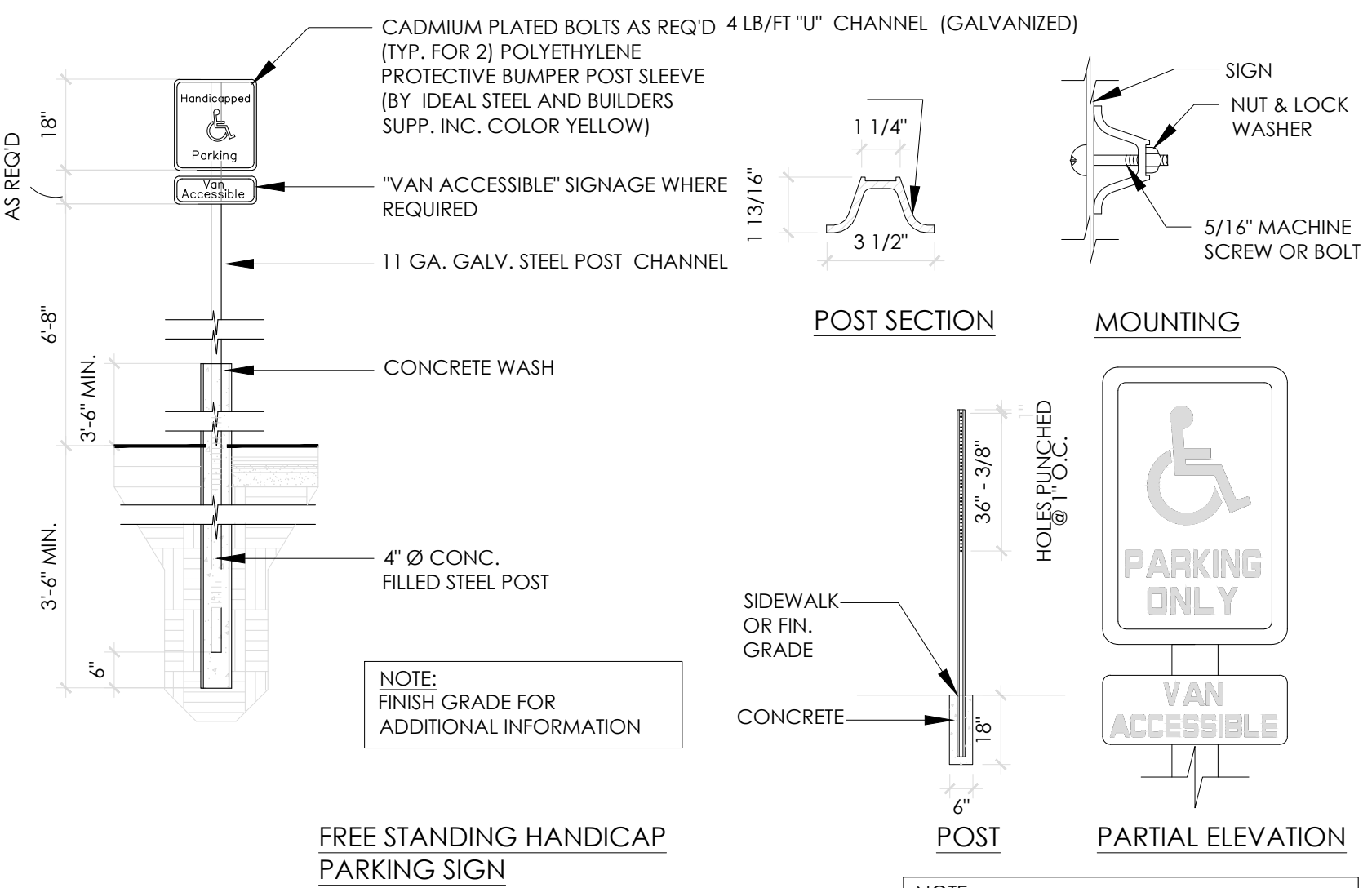
1 ORDER CONFIRMATION ELEVATIONS
SCALE: NO SCALE



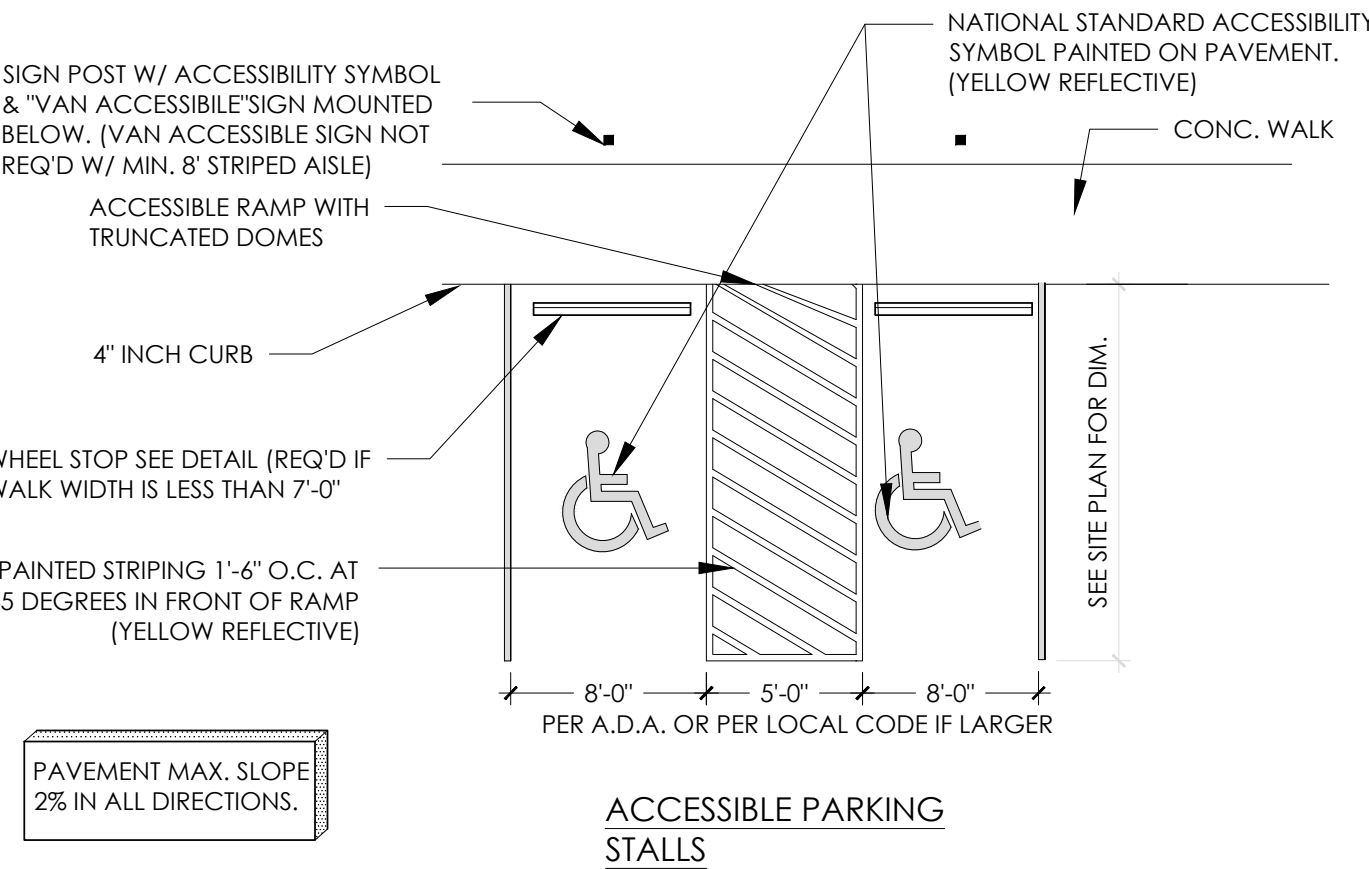
2 MENU BOARD DETAILS
SCALE: NO SCALE



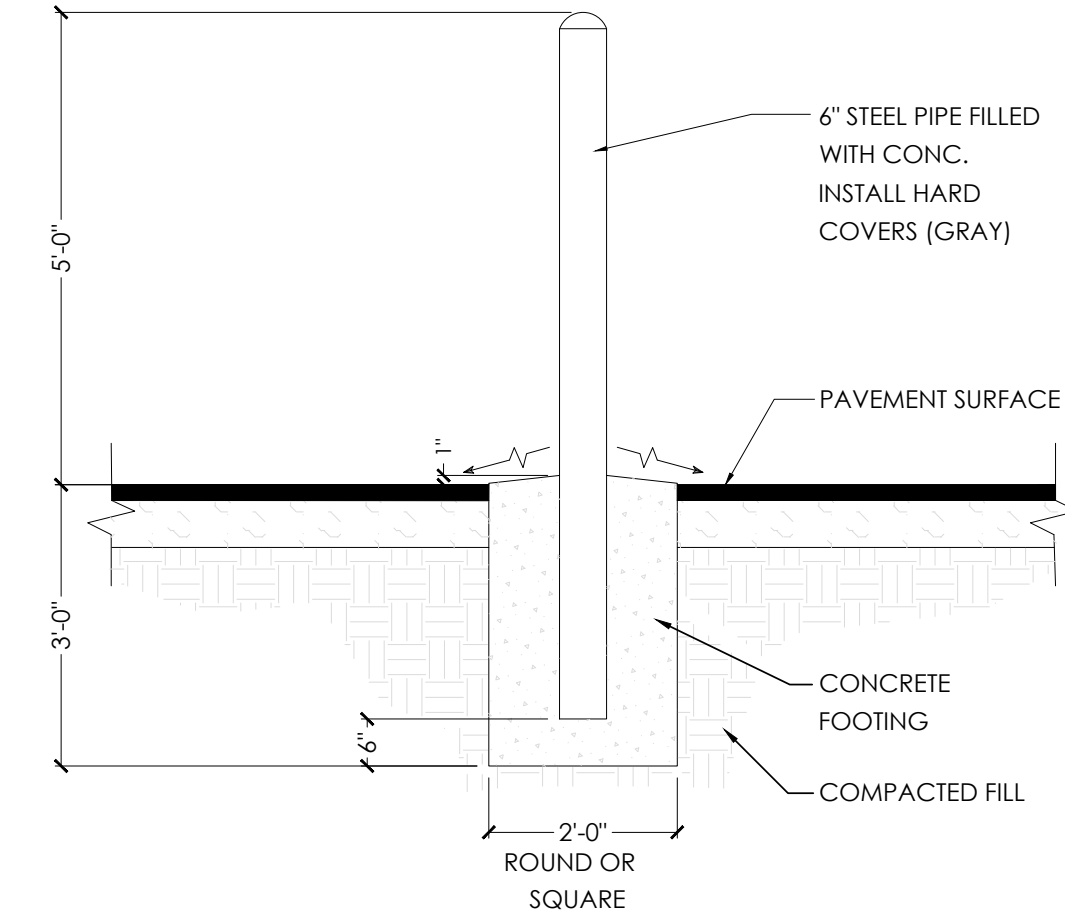
4 DRIVE THRU CLEARANCE SIGN DETAIL
SCALE: NO SCALE



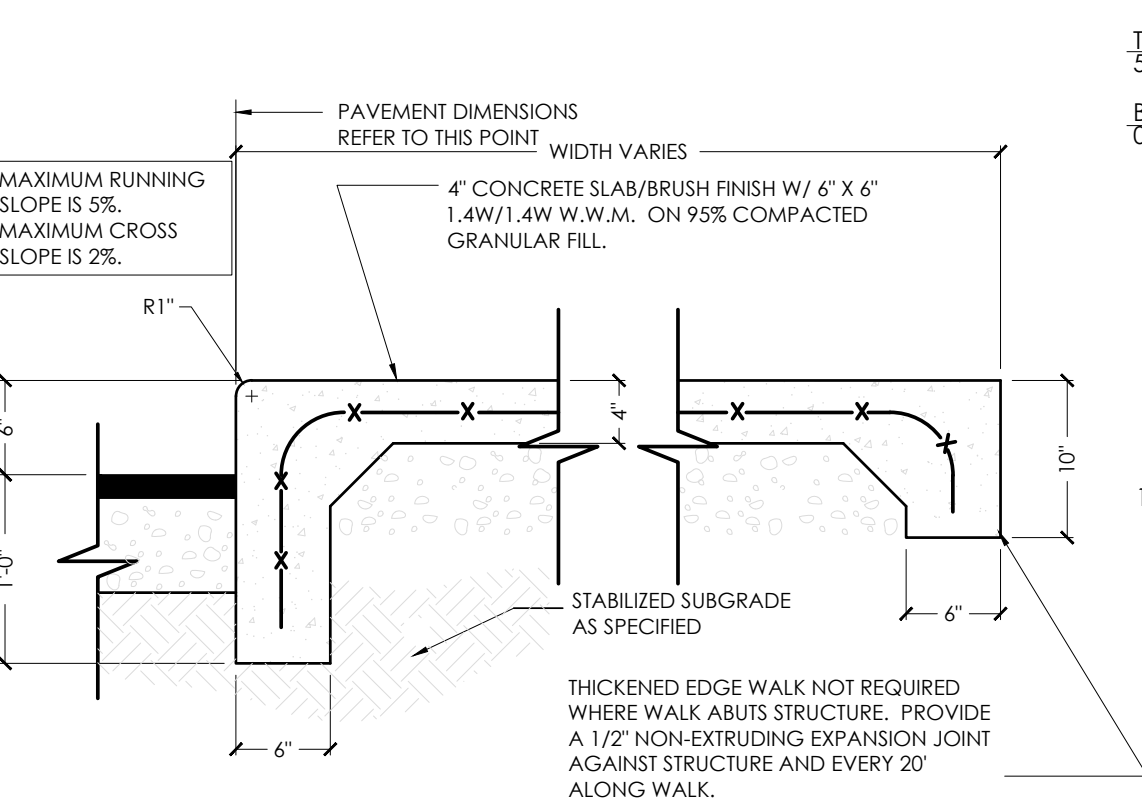
3 ACCESSIBLE PARKING, SIGN & RAMP DETAILS
SCALE: NO SCALE



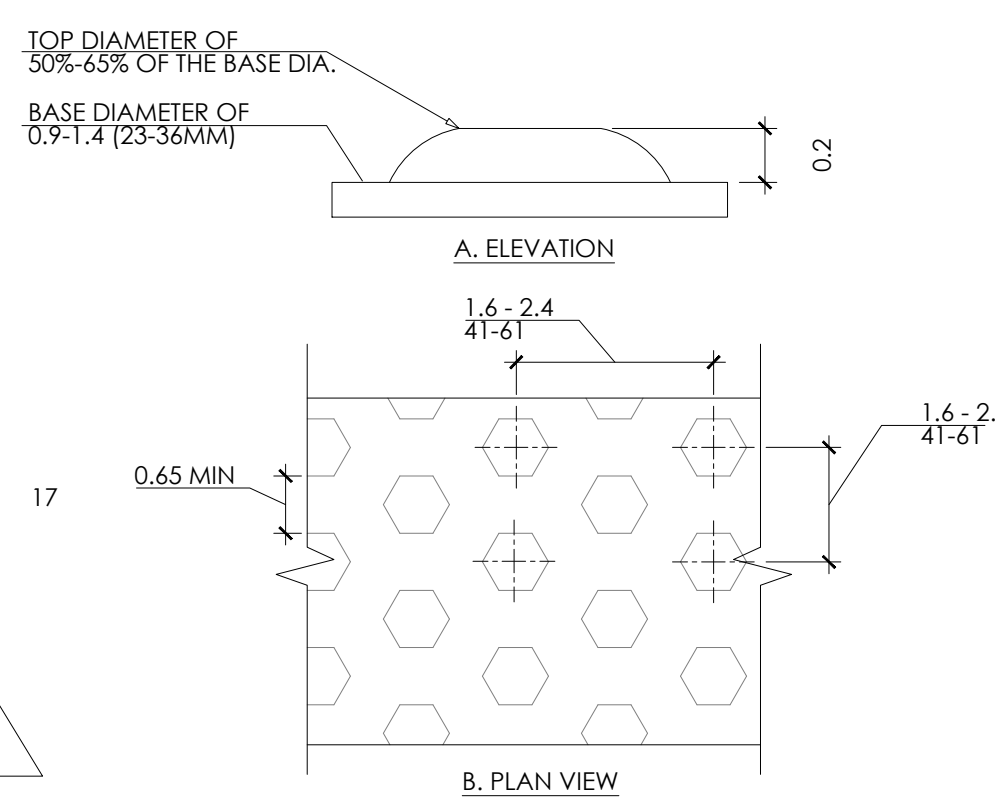
4 ACCESSIBLE PARKING/RAMP DETAIL
SCALE: NO SCALE



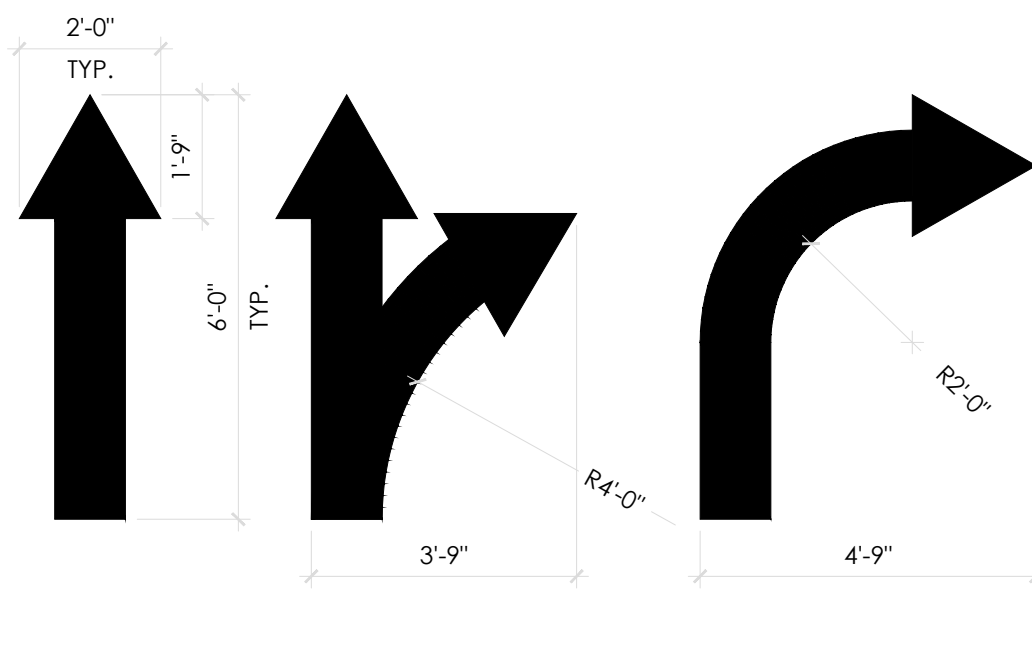
6 BOLLARD DETAIL
SCALE: NO SCALE



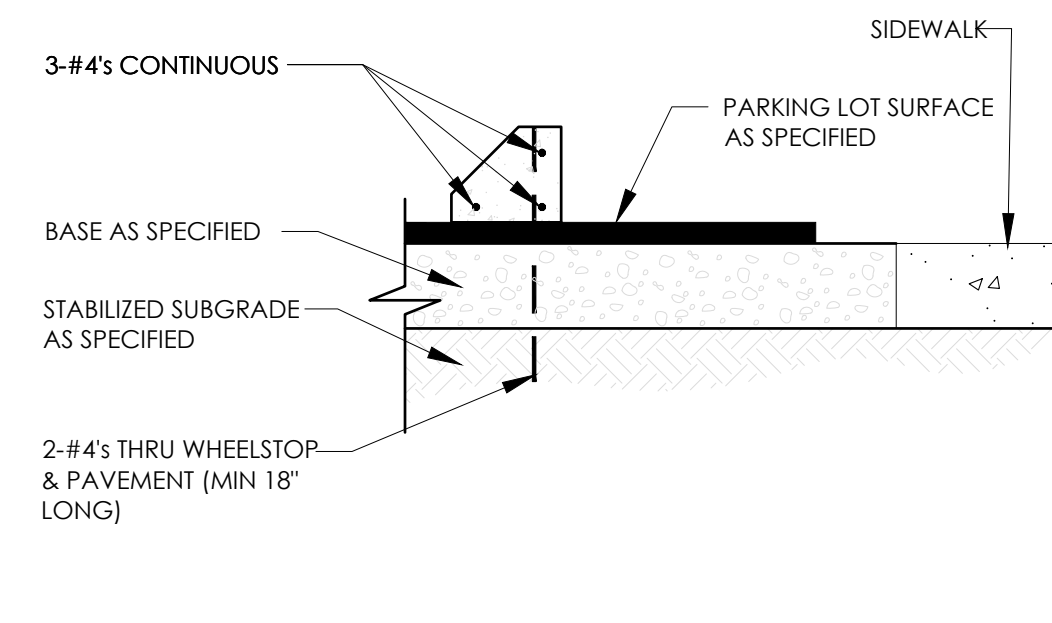
12 SIDEWALK DETAIL
SCALE: NO SCALE



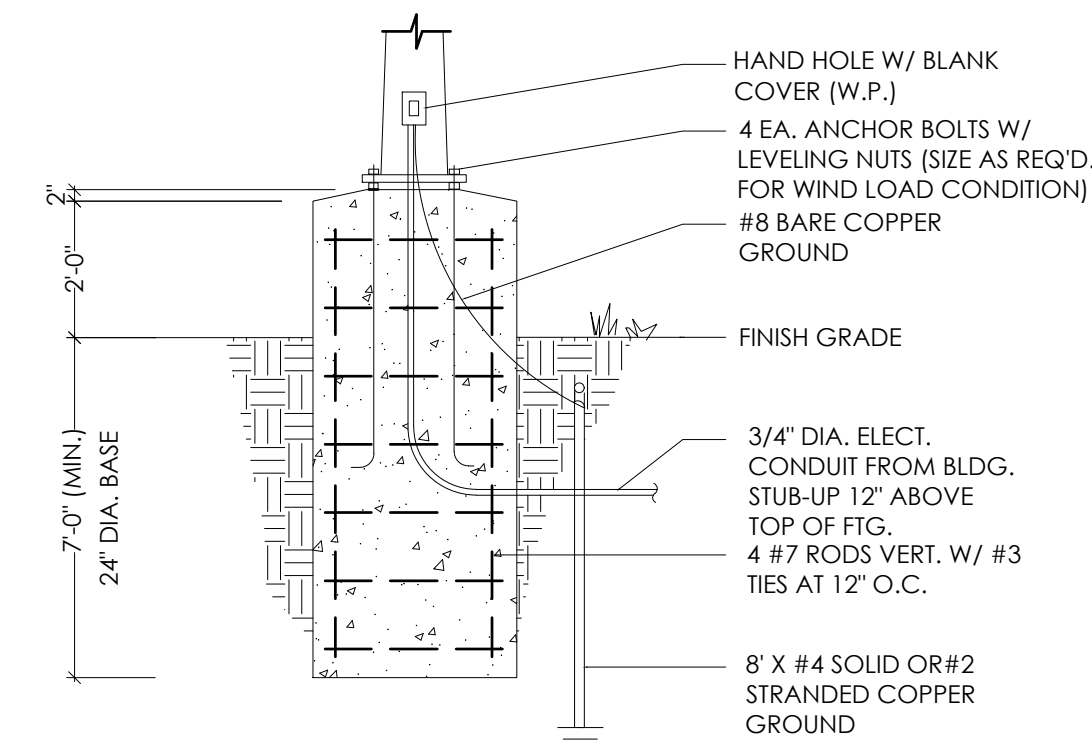
10 TRUNCATED DOME DETAILS
SCALE: NO SCALE



11 PAINTED ARROW DETAILS
SCALE: NO SCALE

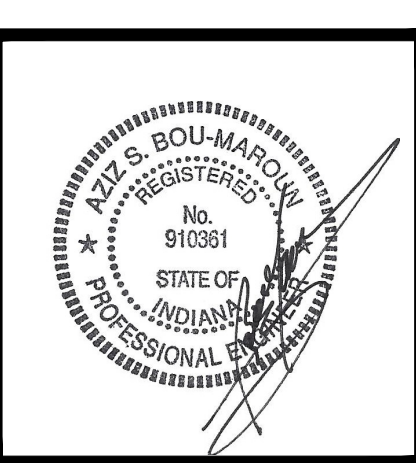
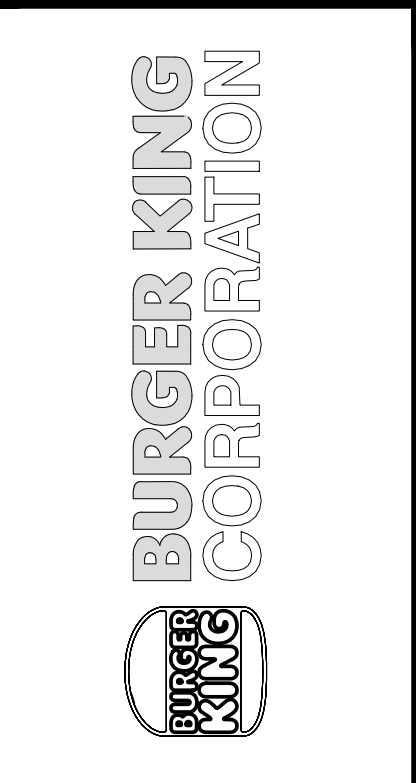


13 PARKING BLOCK DETAIL
SCALE: NO SCALE



14 LIGHT POST FOUNDATION DETAIL
SCALE: NO SCALE

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



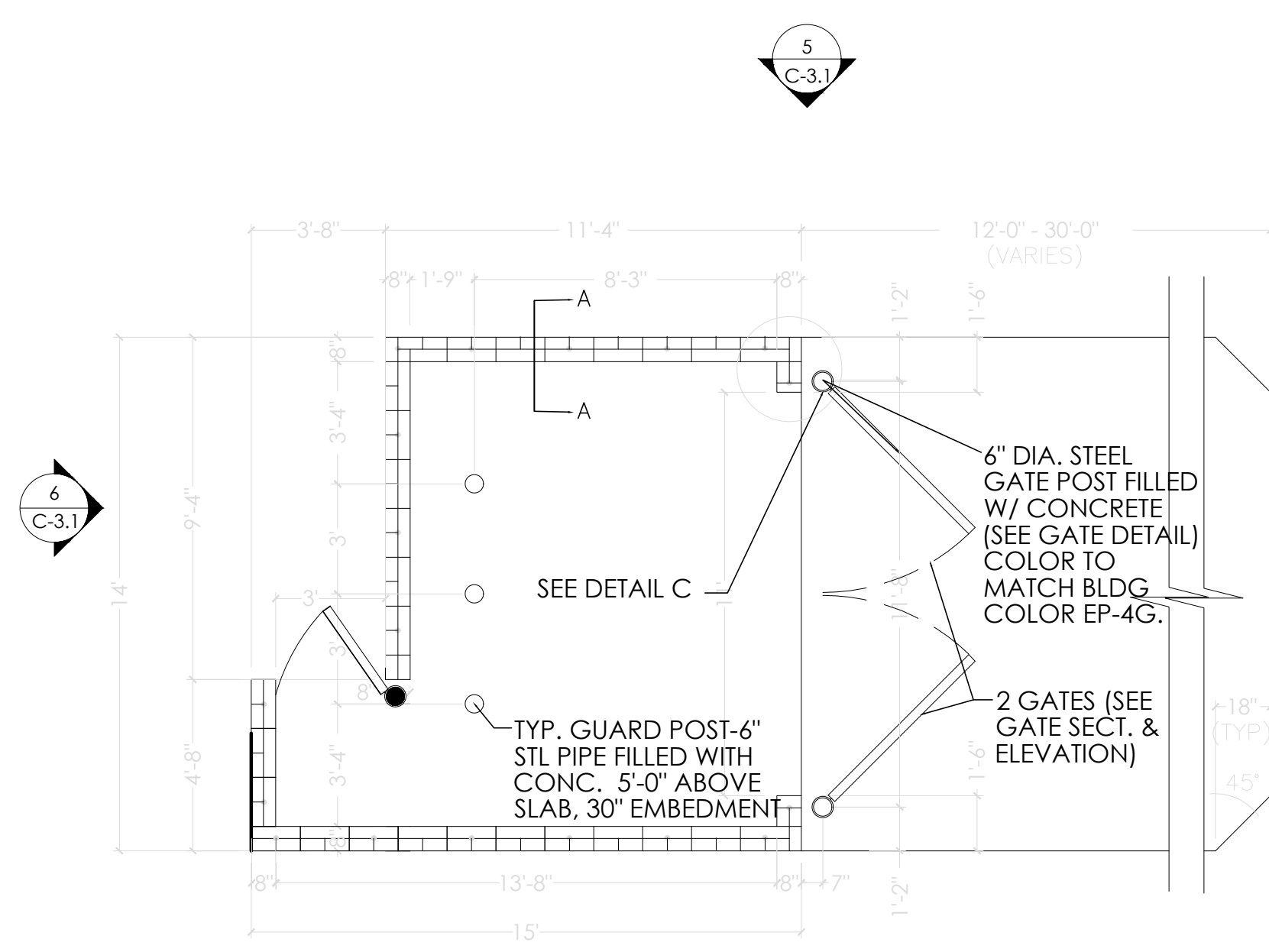
PROJECT
BURGER KING
1440 NAPPAWEE ST.
ELCHART, IN 46514

SHEET TITLE
SITE DETAILS

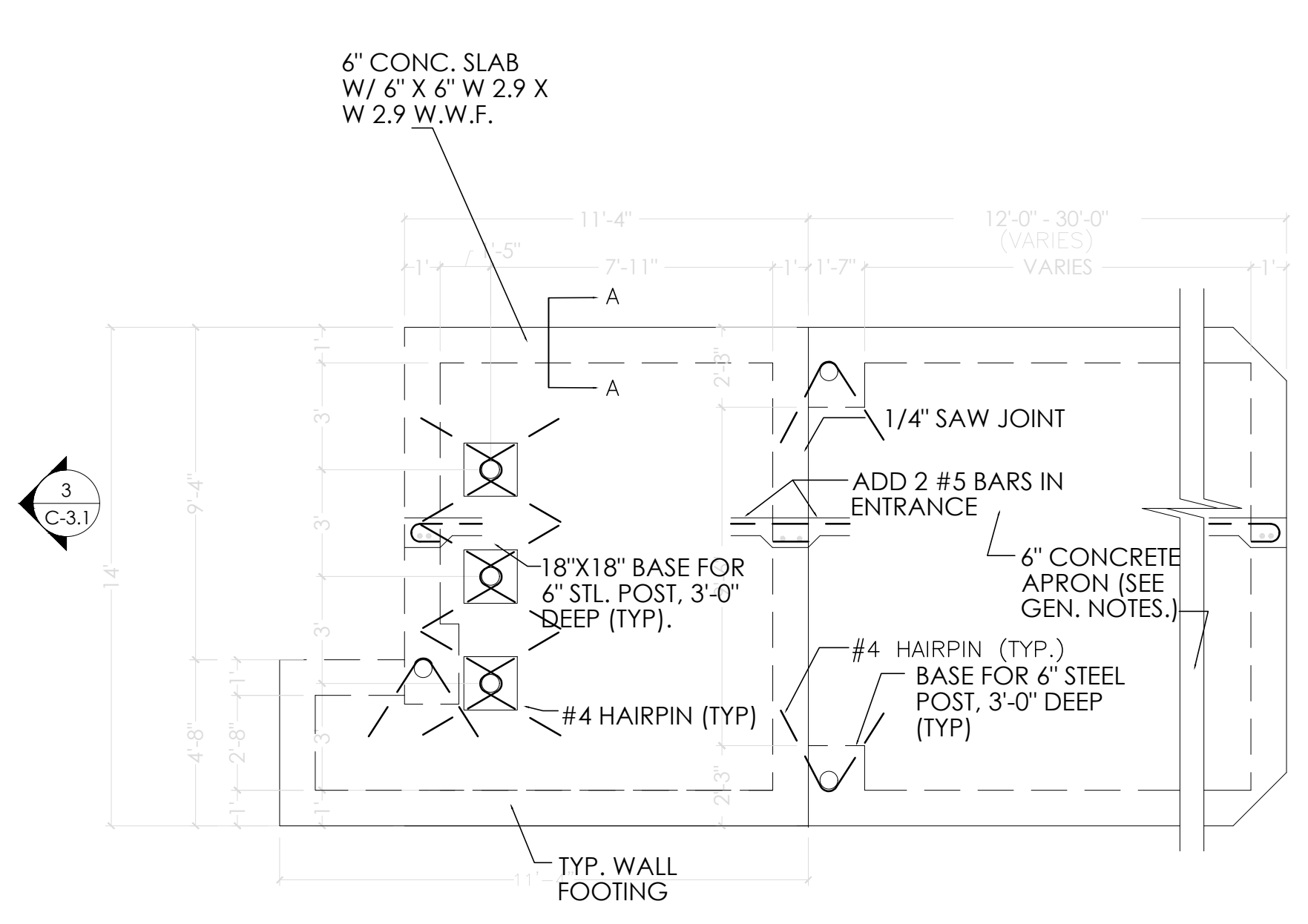
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

JOB #
TG-21668

SHEET
C-3

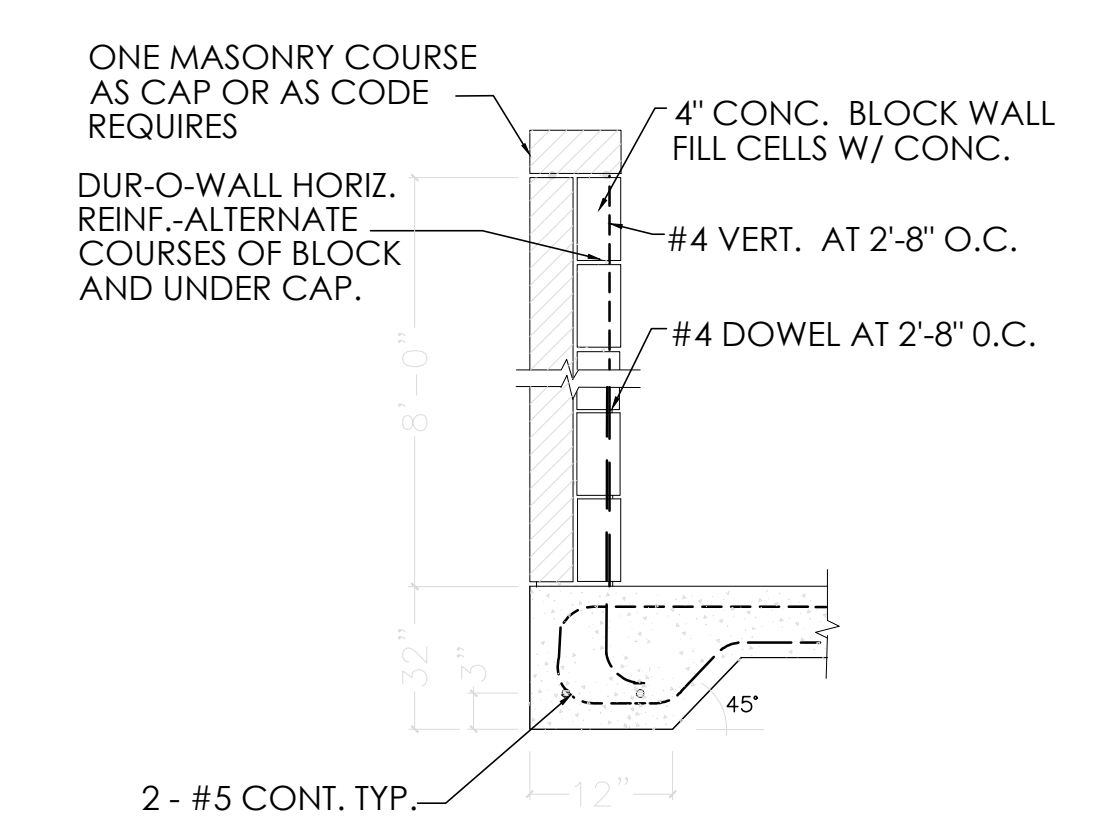


1 TRASH ENCLOSURE WALL PLAN
SCALE: 3/16"=1'-0"



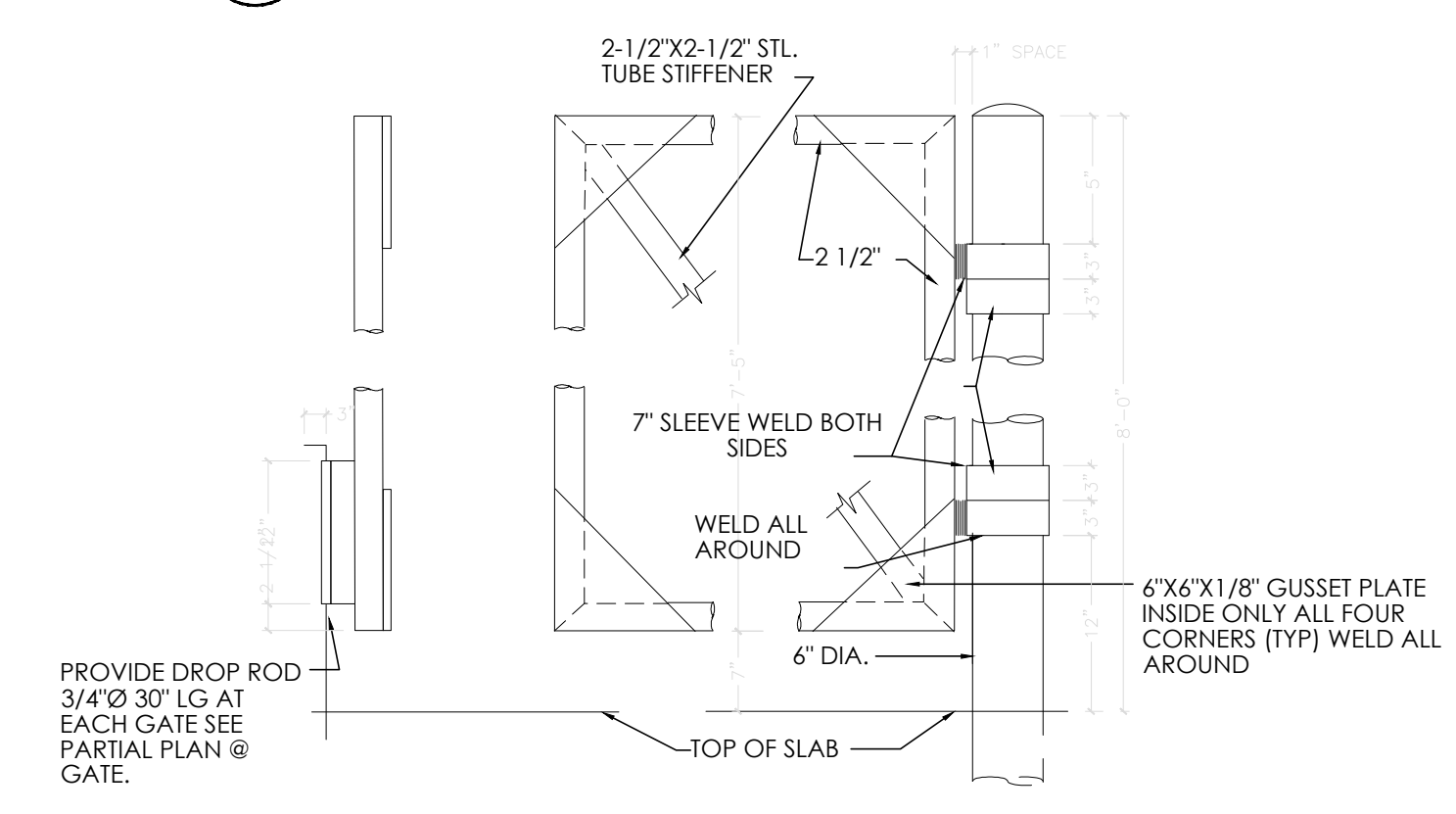
2 TRASH ENCLOSURE FOUNDATION PLAN
SCALE: 3/16"=1'-0"

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.)

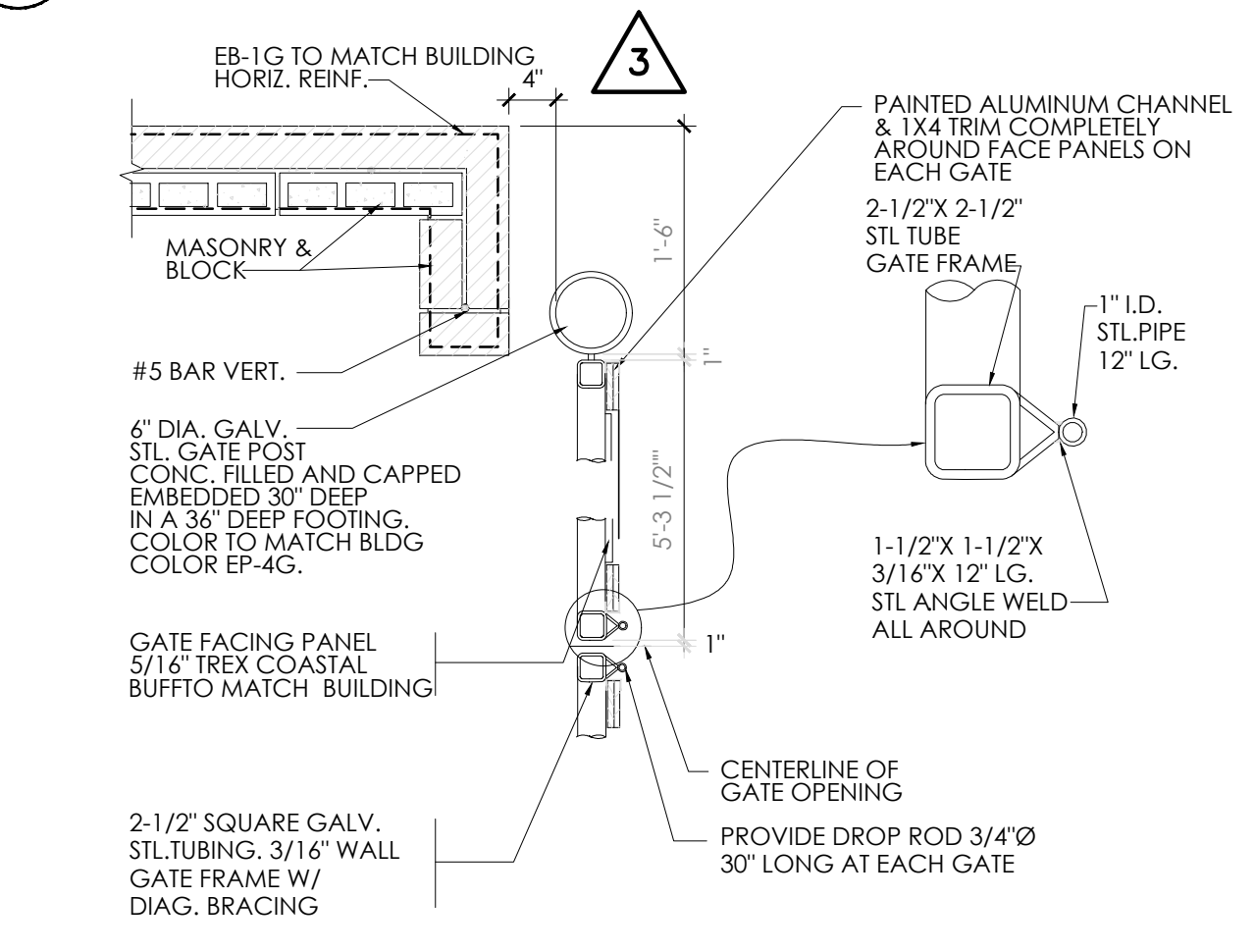


- NOTES:
- MASONRY VENEER TO MATCH BUILDING EB-1 (OR EB-1A IF USED) AND PAINT EP-4G ON 4" CONC. BLOCK WALL. SEE SECTION "A-A" FOR DETAILS.
 - 6" CONC. SLAB W/6"x6" W2.9XW2.9 W.W.F.
 - TYP. WALL FIG. 12" X 12" CONT. W/2#5 BOT. REINF.
 - 6" CONC. APRON W/4 BARS 16" O.C. BOTH WAYS.
 - FOR SLAB FINISHED 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.

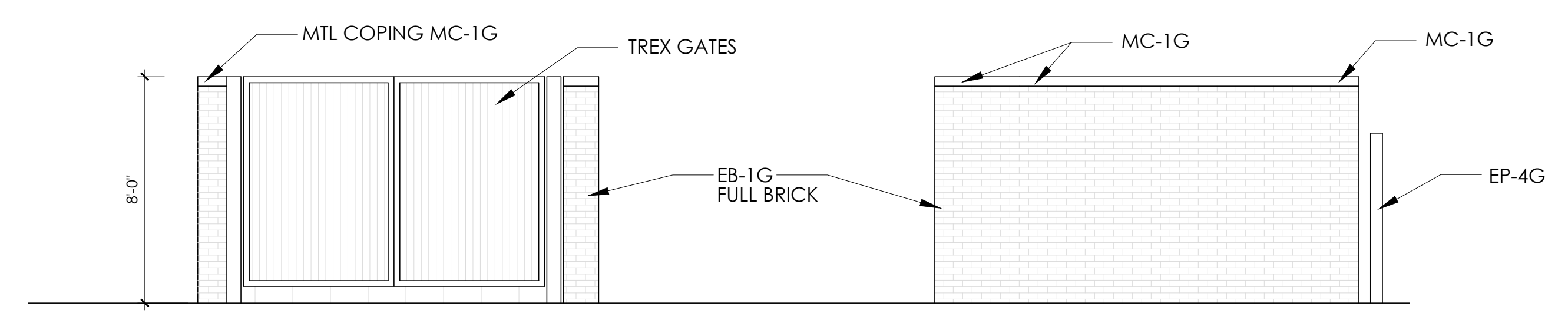
A SECTION AT GATE
SCALE: 3/4"=1'-0"



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

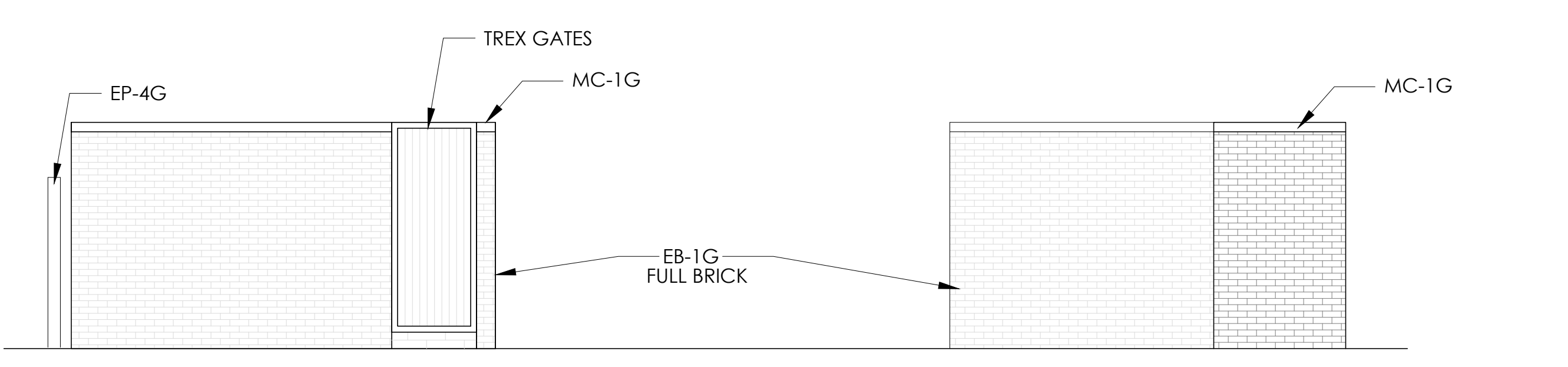


C GATE HARDWARE DETAIL
SCALE: NO SCALE



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

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



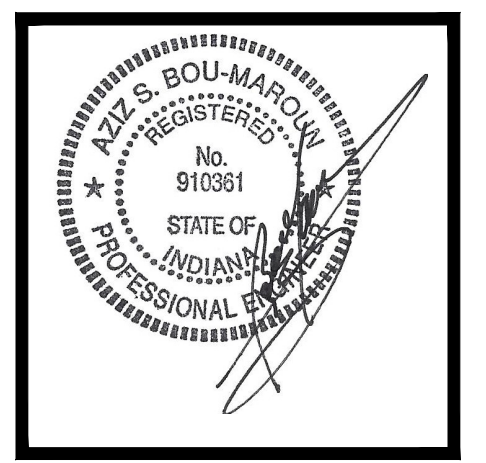
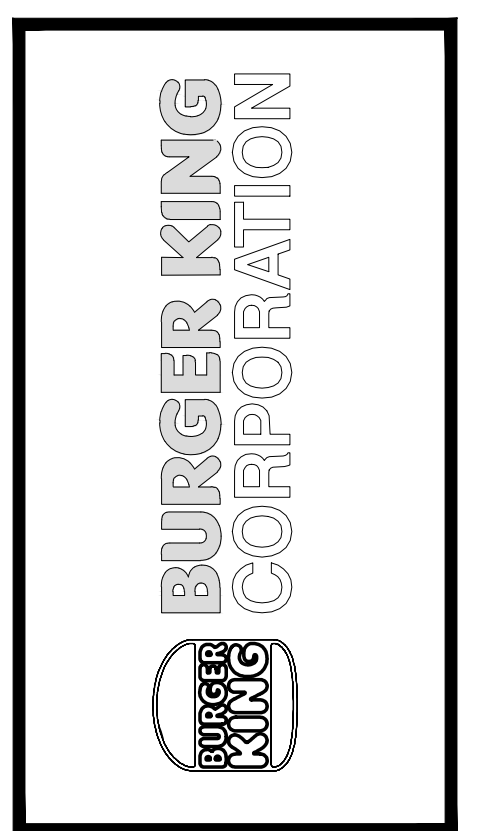
5 TRASH ENCLOSURE ELEVATION
SCALE: 1/4"=1'-0"

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

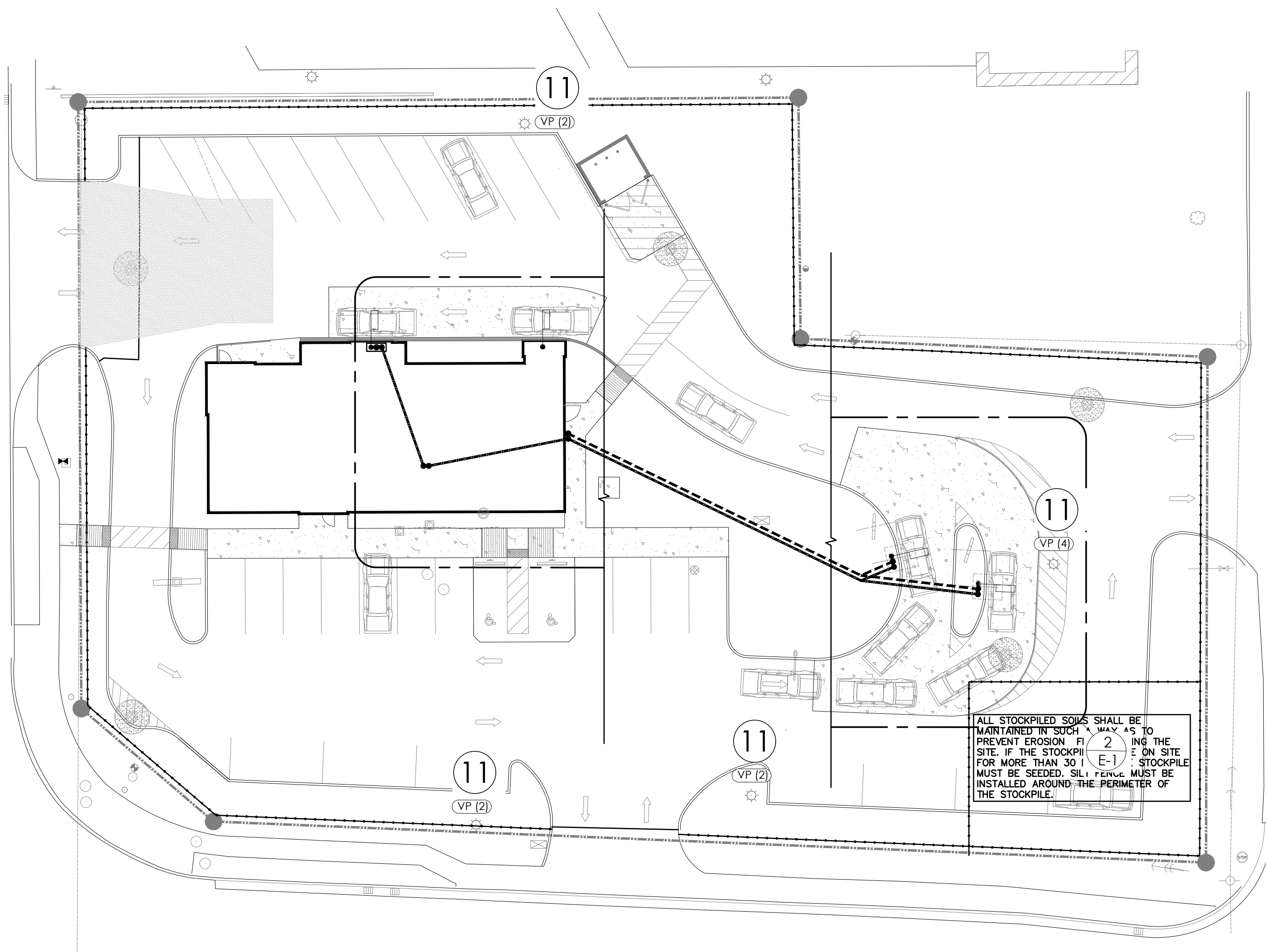
No.	Date	By	Notes
1		DB	FOR SUBMITTAL TO CITY PLANNING

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

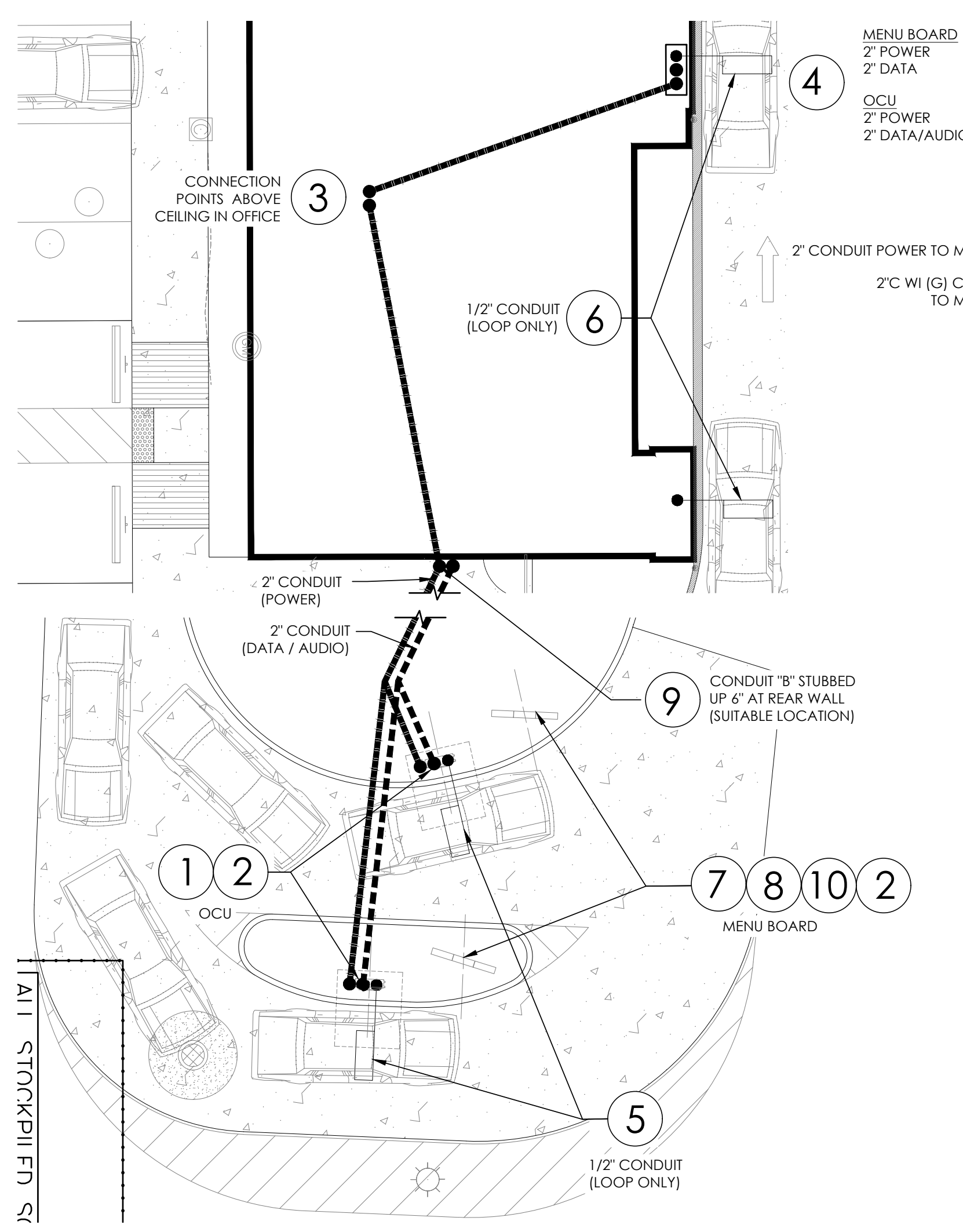
ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAY BE REPRODUCED OR USED IN CONNECTION WITH ANY WORK OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY WERE PREPARED, WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE ARCHITECT.



PROJECT BURGER KING 1440 NAPPAWISSE ST. ELCHART, IN 46514	SHEET TITLE DUMPSTER ENCLOSURE DETAILS
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.	
JOB # TG-21668	
SHEET C-3.1	



1 ELECTRICAL SITE LIGHTING PLAN
SCALE: 1:20

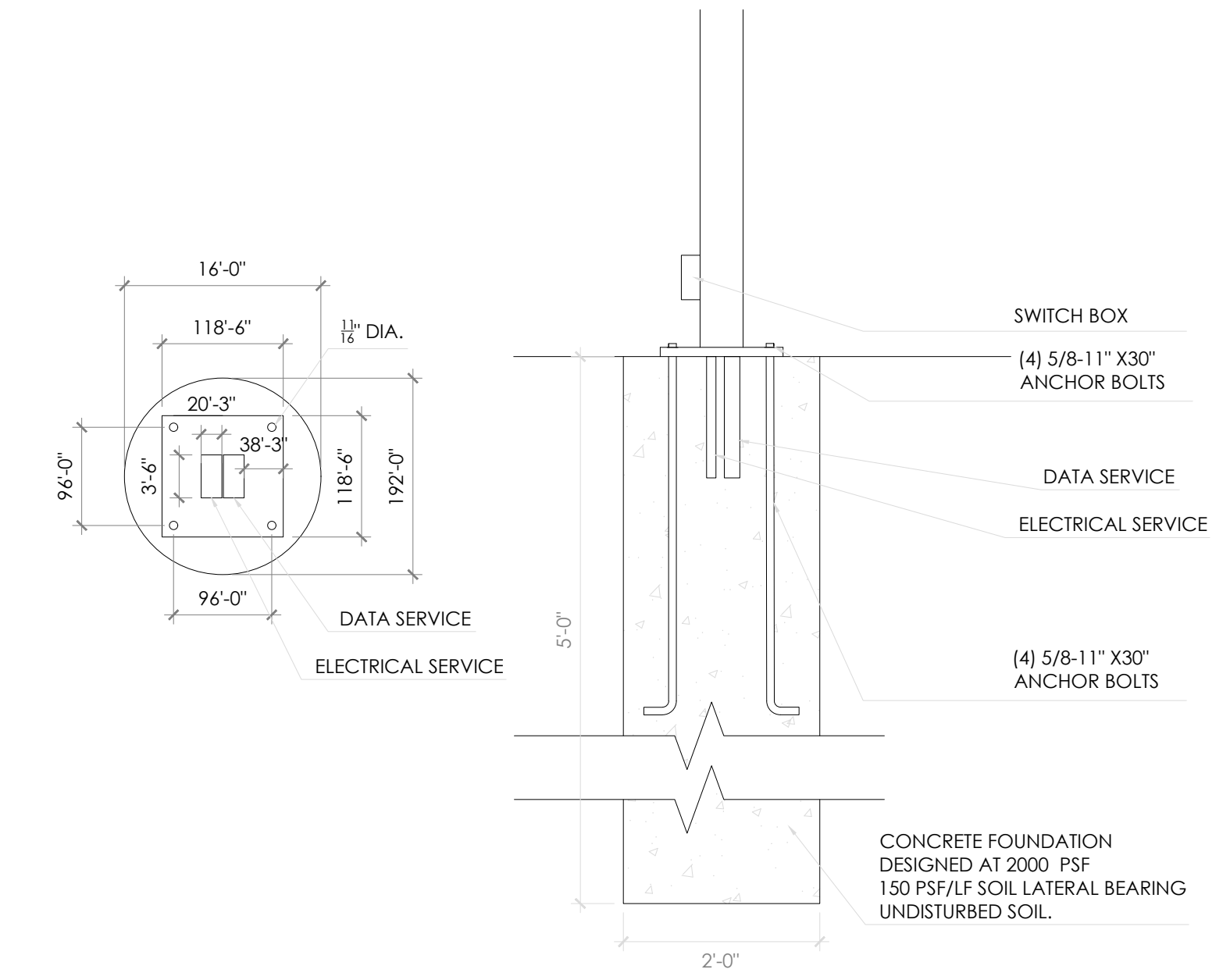


2 ELECTRICAL SITE PLAN
SCALE: 1:10

A ELECTRICAL & DATA WIRING DETAIL
NOT TO SCALE

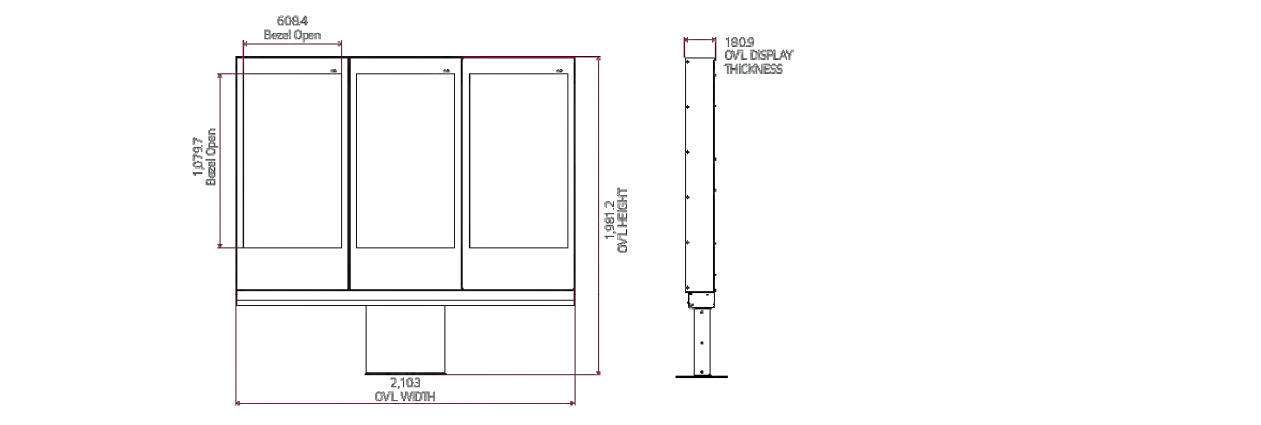
30° ROTATION ANGLE SHOULD BE CONSIDERED OPTIMAL. ANGLES BETWEEN THE PREFERRED LAYOUT AND MINIMUM LAYOUT ARE ACCEPTABLE AS LONG AS:
 1) THE DISTANCE FROM THE CENTERLINE OF THE SUPPORT POLES OF THE MENU BOARD AND TO THE FACE OF CURB ARE REDUCED BY 4" FOR EVERY 5 DEGREES OF ROTATION, AND;
 2) THE DISTANCE 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/SK/T4/UNV/RA**	VP (2)	☼	3	DBL45	6	TTFVIPER	EXIST
VP-L/80NB-235/SK/T4/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	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)
Power	Pre-sell Dimension	27.6" x 7.1" x 78"
	Menu-Board Dimension	106.4" x 7.1" x 78"
	Pre-sell Weight	220 lbs.
	Menu Board Weight	528 lbs.
Power	Power Supply	100-240v-, 50/60Hz
	Power Type	Built-in Power
Power	Power Consumption	Typ./Max 290 W / 440W
		Smart Energy Saving 145 W

Samsung/LSI ODMB Specifications



Specifications & Measurements		
Display	Diagonal Size	TV 46"
	Screen	45.0" / 116.8cm
	Type	120Hz E-LED BLU
	Resolution	1920 x 1080 (16:9)
	Brightness (Typ.)	2,500
	Contrast Ratio (Typ.)	5000:1
Connectivity	Input	RGB N/A Video HDMI 1.4 (2), HDBaseT (LAN Common) HDCP HDCP 2.2 USB USB 2.0 (1)
	Output	Audio Stereo Mini Jack
	External Control	RS232C (In/Out), RJ45 (In/Out), HDBaseT
	Type	Internal
Power Type	Power Supply	AC100-240V-(-/+10%),50/60Hz
	Power Consumption	Max [W / H] 468 Typical [W / H] 440 Sleep 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"
Weight	Pre-sell (1 x 1) 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 (BSALES@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 (JOSEPHINGERMAN@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.

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



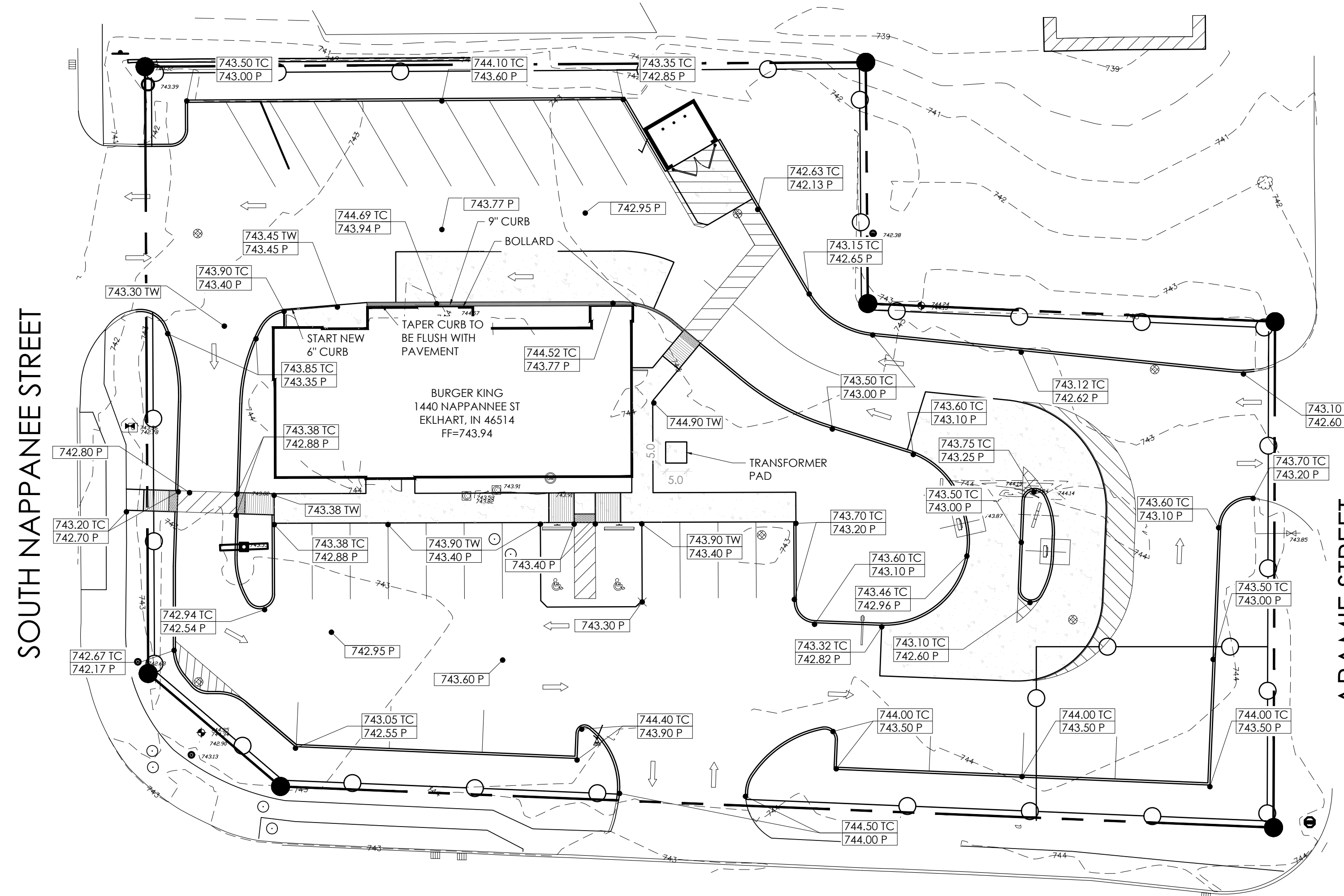
PROJECT
BURGER KING
1440 NAPPAWEE ST.
ELCHART, IN 46514

SHEET TITLE
SITE ELECTRICAL

DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

JOB #
TG-21668

SHEET
C-4



1 GRADING PLAN
SCALE: 1:20

- TO REMAIN AS IS:
- STORM SEWER
 - DOMESTIC WATER SERVICE
 - SANITARY SEWER
 - GAS SERVICE
 - ELECTRICAL SERVICE
 - TELEPHONE SERVICE

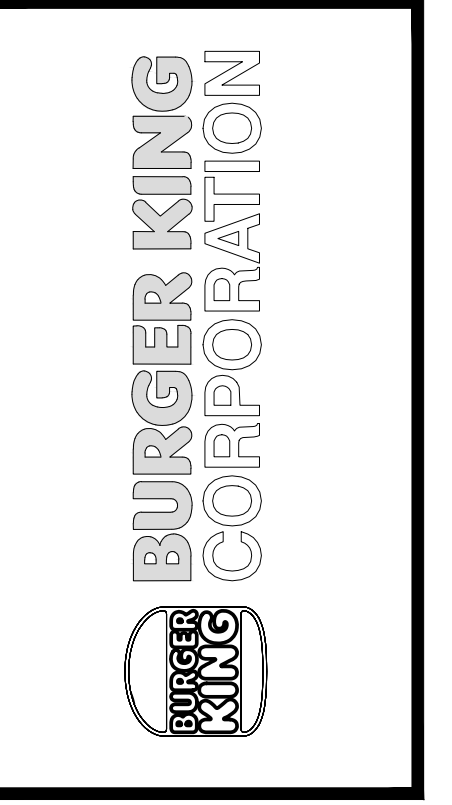
- NOTES**
- THE INFORMATION DEPICTED ON THESE CONSTRUCTION DOCUMENTS IS AS ACCURATE AS POSSIBLE WITH REGARD TO THE INFORMATION PROVIDED BY THE SURVEYOR. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING GRADES PRIOR TO CONSTRUCTION. NOTIFY THE OWNER'S REPRESENTATIVE AND THE ENGINEER OF RECORD IMMEDIATELY OF ANY DISCREPANCY FOUND BETWEEN THE FIELD CONDITIONS AND THESE PLANS.
 - ALL PROPOSED SPOT ELEVATIONS AND CONTOURS SHOWN ON THE PLAN ARE PROPOSED FINISHED GRADES. FINISHED GRADE ADJACENT TO THE BUILDING SHALL BE 6" MINIMUM BELOW THE FINISHED FLOOR ELEVATION OF THE BUILDING INCLUDING ANY TOPSOIL, MULCH, AND/OR SOD. THE GENERAL CONTRACTOR SHALL ADJUST SUBGRADE ELEVATIONS ACCORDINGLY TO ENSURE POSITIVE DRAINAGE AWAY FROM THE BUILDING. SEE THE BUILDING PLANS FOR FURTHER DETAILS. GENERAL CONTRACTOR SHALL ALSO ADJUST SUBGRADE ELEVATION IN ALL LANDSCAPED ISLANDS TO ACCOUNT FOR TOPSOIL AND MULCH. SEE LANDSCAPE PLANS FOR FURTHER DETAIL.
 - WALKS AND SIDEWALKS SHALL HAVE A CONTINUOUS COMMON SURFACE NOT INTERRUPTED BY STEPS OR BY ABRUPT CHANGES IN LEVEL EXCEEDING 1/2", AND SHALL BE A MINIMUM OF 48" IN WIDTH.
 - WALKING SURFACE CROSS SLOPES SHALL NOT EXCEED 2%.
 - WALKS, SIDEWALKS, AND PEDESTRIAN WAYS SHALL BE FREE OF GRATING WHENEVER POSSIBLE. FOR GRATINGS LOCATED IN THE SURFACE OF ANY OF THESE AREAS, GRID OPENINGS IN THE GRATINGS SHALL BE LIMITED TO 1/2" IN THE DIRECTION OF TRAFFIC FLOW.
 - ON ACCESSIBLE ROUTES, WHEN THE SLOPE IN THE DIRECTION OF TRAVEL OR ANY WALK EXCEEDS 1V:20H, IT SHALL COMPLY WITH THE PROVISIONS OF A PEDESTRIAN RAMP.
 - PER ADA STANDARDS FOR ACCESSIBLE DESIGN 4.5.2: ON ACCESSIBLE ROUTES, CHANGES IN ELEVATION UP TO 1/4" ARE ALLOWED. CHANGES GREATER THAN 1/4" MUST BE BEVELED NO GREATER THAN 1V:2H AND CHANGES GREATER THAN 1/2" SHALL COMPLY WITH REQUIREMENTS FOR CURB RAMPS.
 - ALL WALKS WITH CONTINUOUS SLOPE SHALL HAVE LEVEL AREAS AT LEAST 5 FEET IN LENGTH AT INTERVALS OF AT LEAST EVERY 400 FEET.
 - ASPHALT ELEVATION ADJACENT TO CATCH BASINS TO BE 1/4" ABOVE RIM ELEVATION SHOWN FOR CATCH BASIN (TYPICAL).
 - INSTALL ALL NECESSARY EROSION CONTROL MEASURES PRIOR TO THE START OF ANY GRADING ACTIVITIES. REFER TO THE EROSION CONTROL PLAN FOR DETAILS AND PROCEDURES.
 - NO GRADING ACTIVITIES SHALL BE PERFORMED OFF-SITE WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ADJACENT PROPERTY OWNER AND/OR LOCAL JURISDICTION.
 - EXISTING GRADES SHALL BE MATCHED WITH THE LEGAL BOUNDARY UNLESS OTHER PROVISIONS HAVE BEEN MADE.
 - SOILS USED FOR STRUCTURAL FILL SHALL BE CLEAN AND FREE OF ORGANIC MATERIAL.
 - CONTRACTOR TO ADJUST AND/OR RECONSTRUCT TO GRADE ALL UTILITY STRUCTURES TO MEET PROPOSED GRADES.
 - SPOT ELEVATIONS SHOWN FOR CURB AND GUTTER ARE TOP OF CURB AND EDGE OF PAVEMENT. WHERE PROPOSED CURB MEETS EXISTING CURB CONTRACTOR SHALL MATCH EXISTING ELEVATIONS.



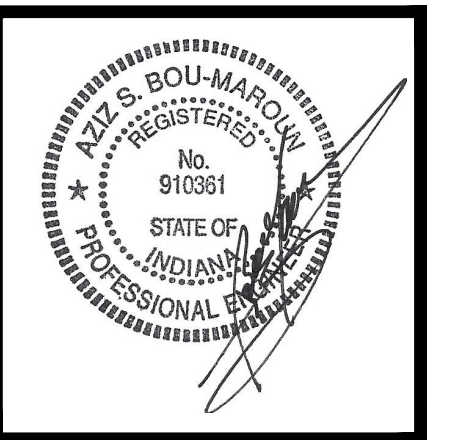
811
KNOW WHAT IS BELOW
CALL BEFORE
YOU DIG

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

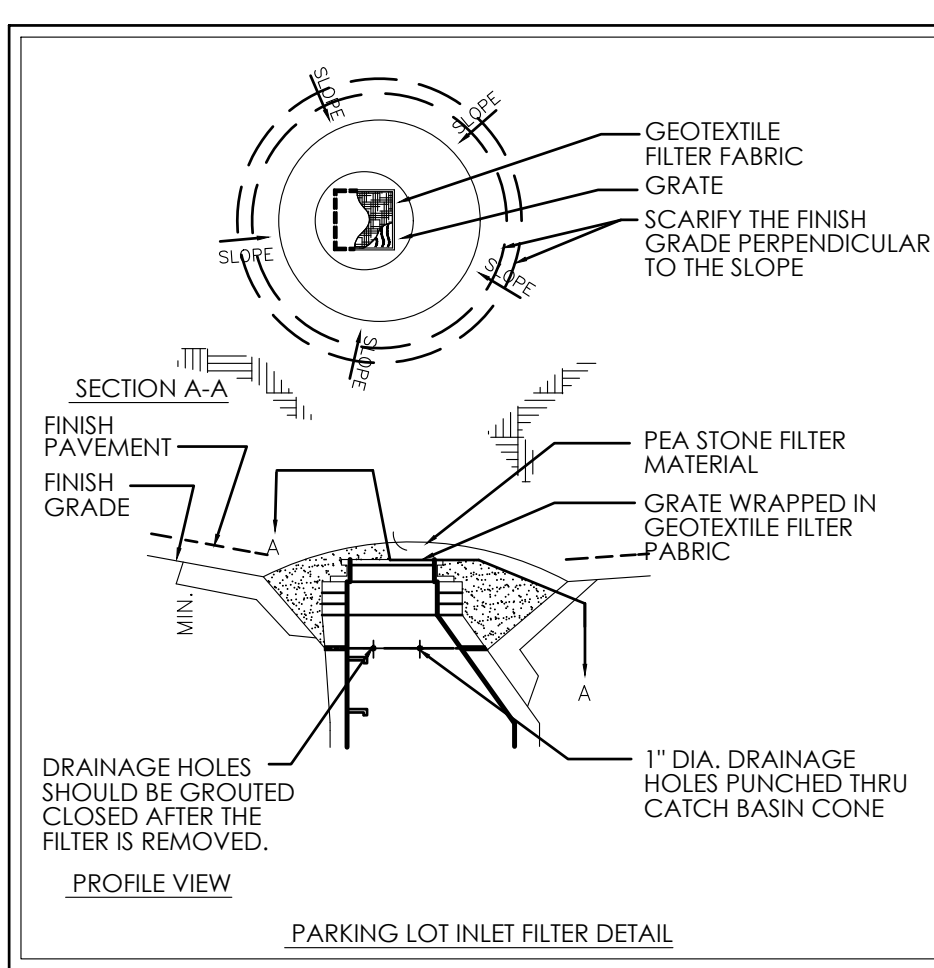
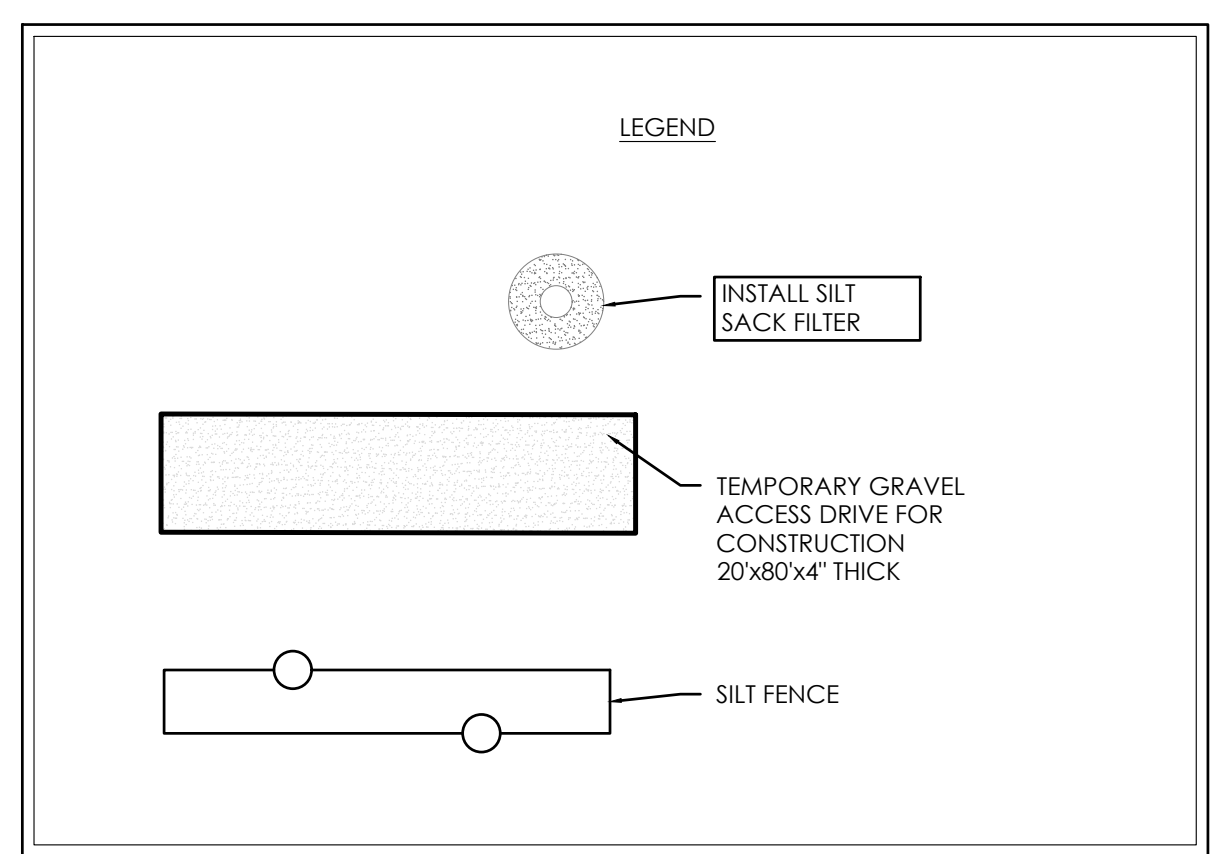
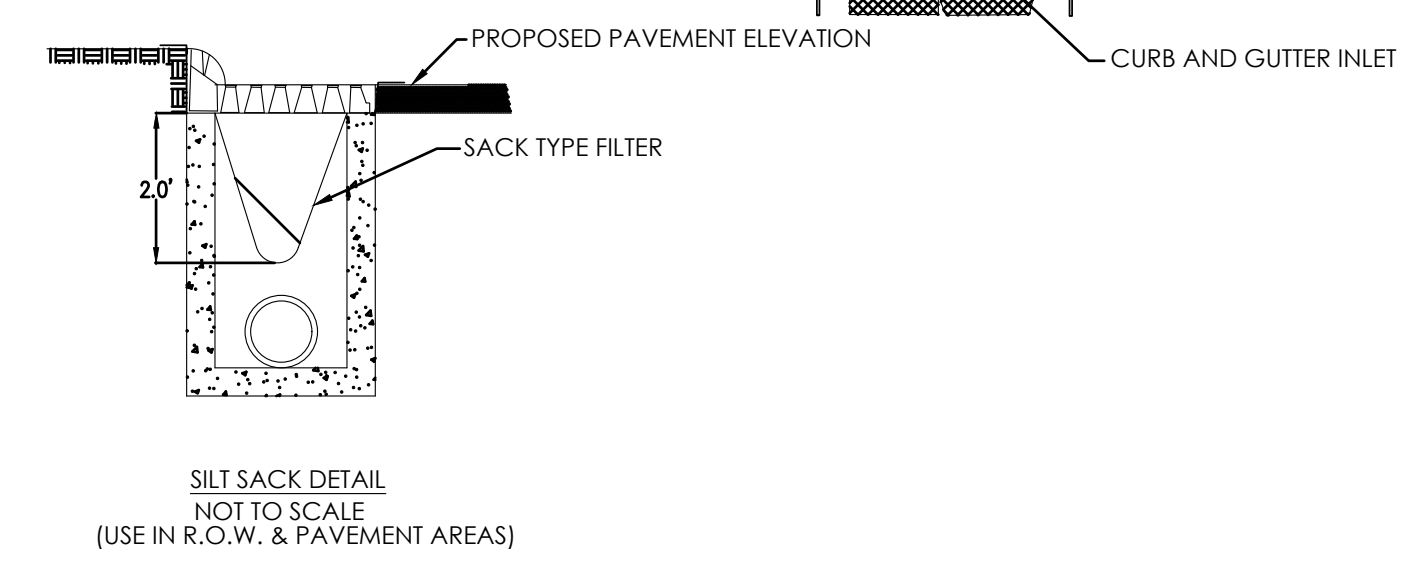
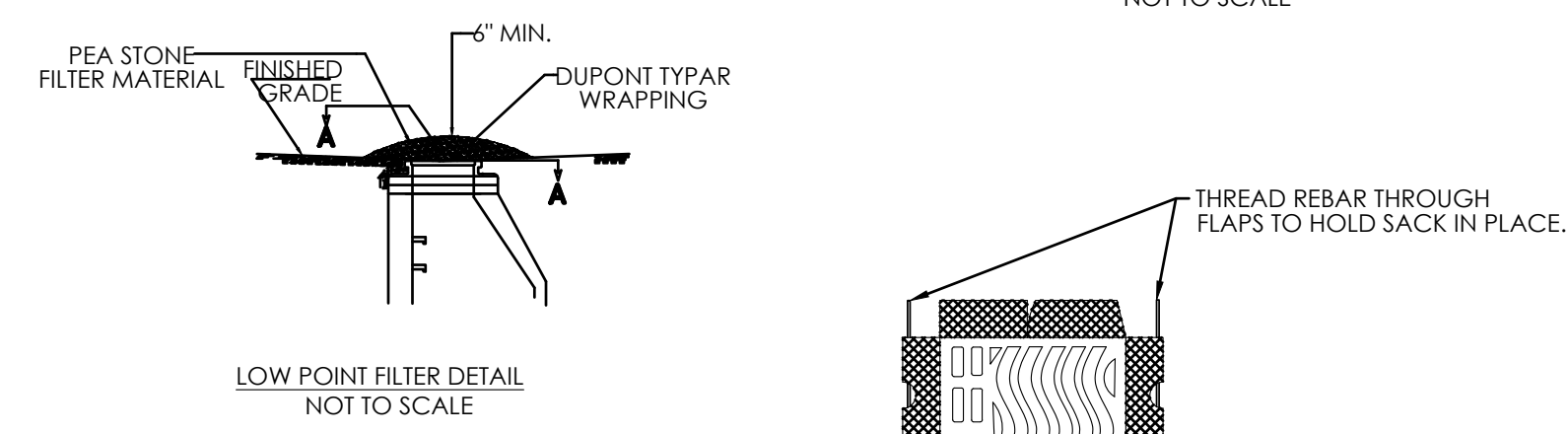
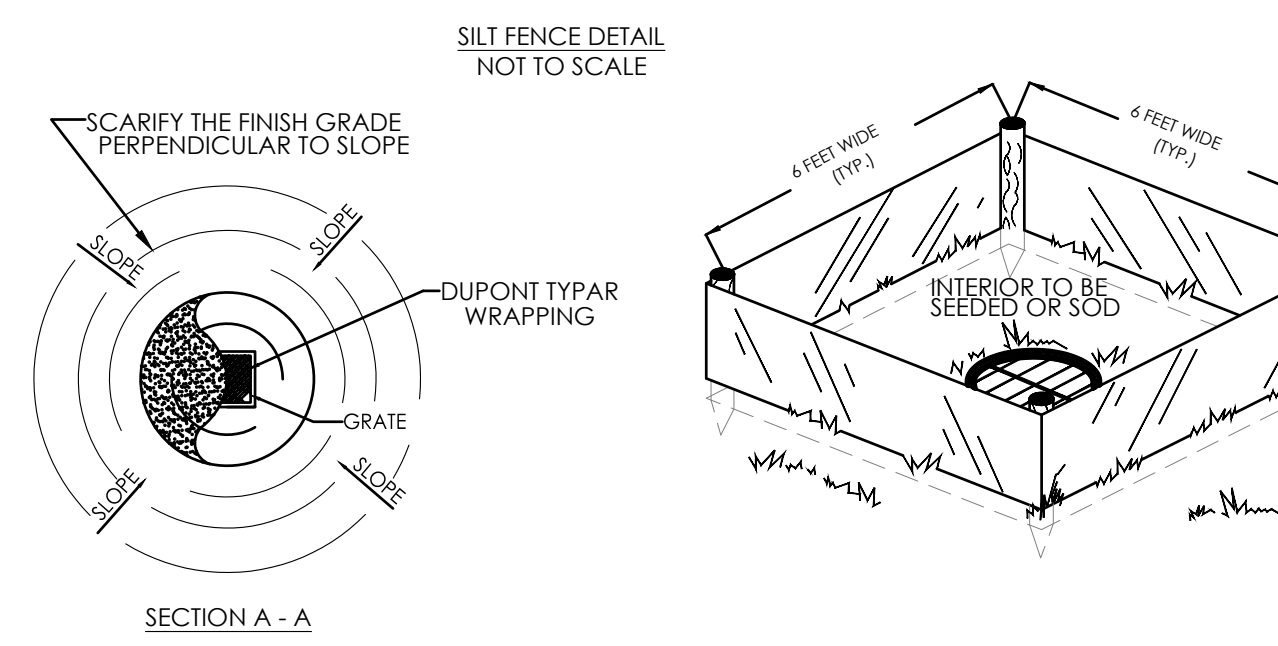
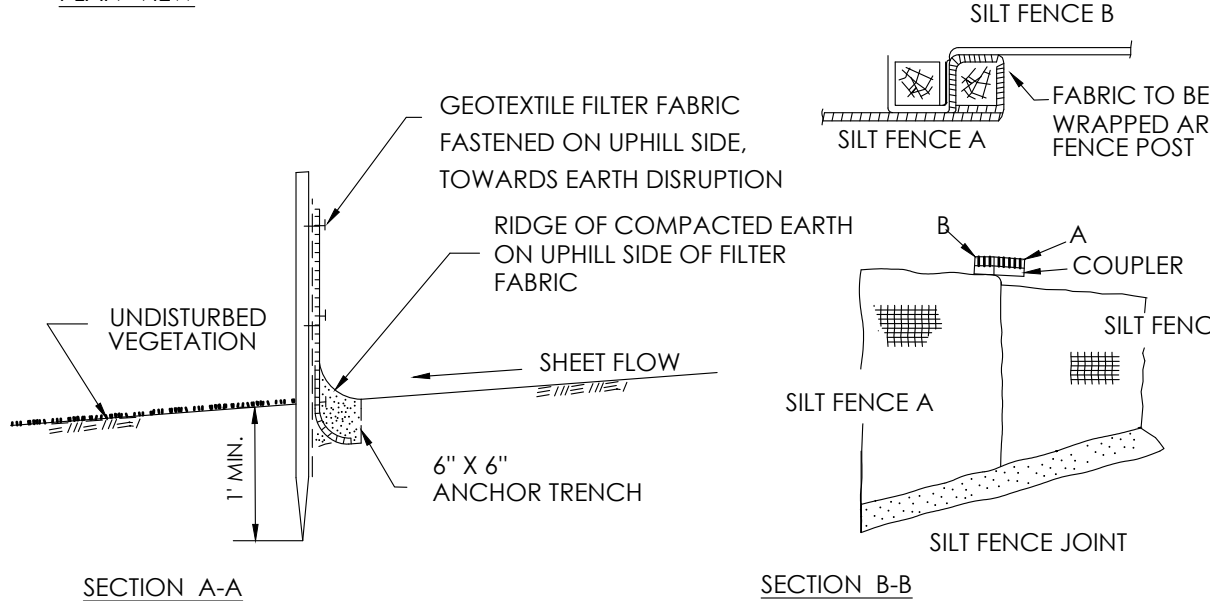
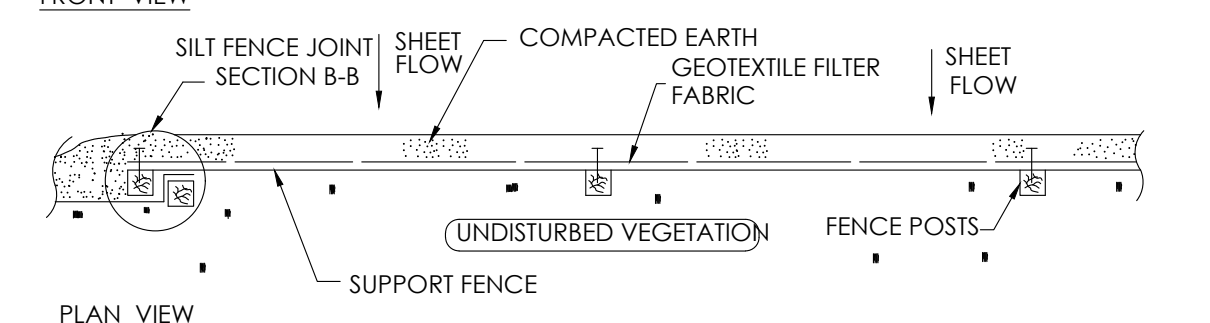
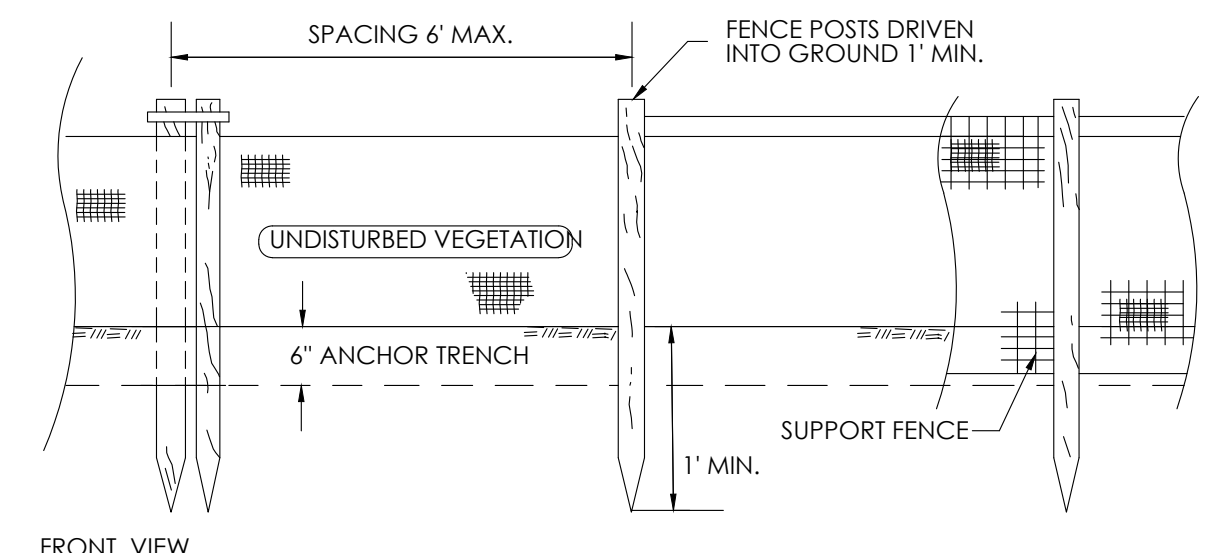
No.	Date	By	Notes
1		DB	FOR SUBMITTAL TO CITY PLANNING
Drawn By: CP			
Checked: 58			
Scale: AS NOTED			
Date: --/--/21			



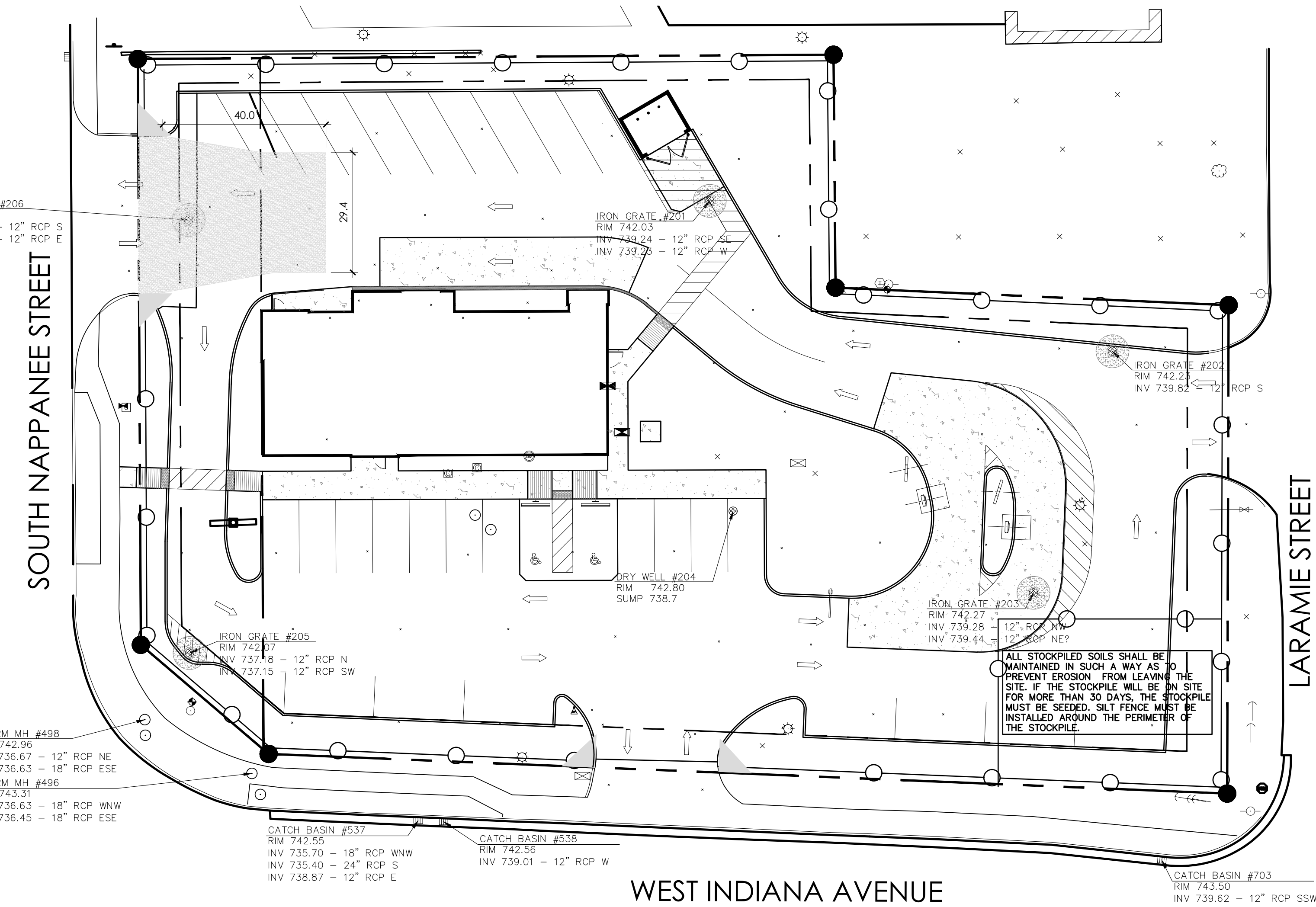
TECHNICAL GROUP INC.
3716 HILLS TECH DRIVE
FARMINGTON HILLS, MI 48331
P: (248) 468-8000 F: (248) 468-7000



PROJECT	BURGER KING 1440 NAPPANEE ST. ELKHART, IN 46514
SHEET TITLE	GRADING/UTILITY PLAN
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.	
JOB #	TG-21668
SHEET	C-5



- SOIL EROSION AND SEDIMENTATION CONTROL SEQUENCE:**
1. PLACE A SILT FENCE ALONG BOUNDARY LINES AS SHOWN ON PLAN & INSTALL TEMPORARY ACCESS DRIVE.
 2. CLEARING AND GRUBBING INCLUDES CUTTING, REMOVING FROM THE GROUND, AND DISPOSING OF TREES, STUMPS, BRUSH, SHRUBS, ROOTS, LOGS, AND OTHER VEGETATION.
 3. INSTALL UNDERGROUND UTILITIES & INSTALL INLET FILTERS.
 4. CONTRACTOR SHALL SHAPE AND PREPARE SUB GRADE TO ELEVATIONS AND CROSS SECTIONS SHOWN ON PLANS (ROUGH GRADE SITE). BEGIN BUILDING CONSTRUCTION.
 5. MAINTAIN EROSION AND SEDIMENTATION CONTROL MEASURES.
 6. BRING PAVEMENT AREAS TO SUBGRADE BASE, REMOVE PARKING LOT FILTER AND PLACE PERMANENT COVERS AFTER PAVEMENT.
 7. FINISH GRADING, REDISTRIBUTE TOP SOIL.
 8. COMPLETE CONSTRUCTION OF BUILDING.
 9. AFTER PAVING CONSTRUCTION, ALL DISTURBED AREAS SHALL BE TOP DRESSED WITH 3" TOP SOIL. AREAS BETWEEN EDGE OF PAVEMENT AND R.O.W. LINE TO BE SODDED, SEEDED AND MULCHED OR HYDRO SEEDED 15 DAYS AFTER PAVEMENT HAS BEEN INSTALLED. (WEATHER CONDITIONS PERMITTING).

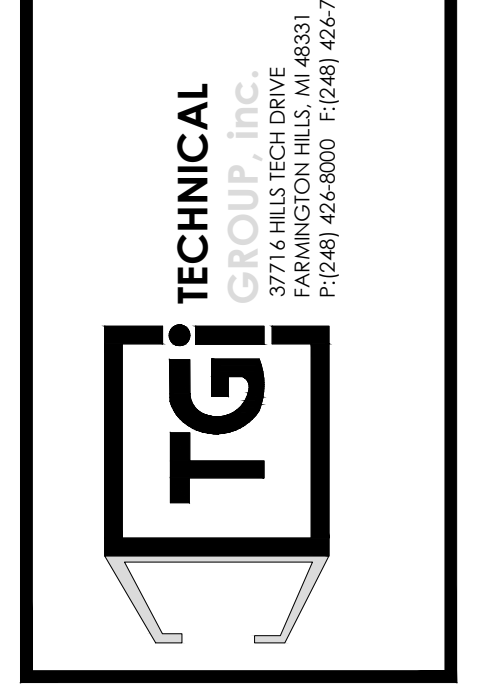
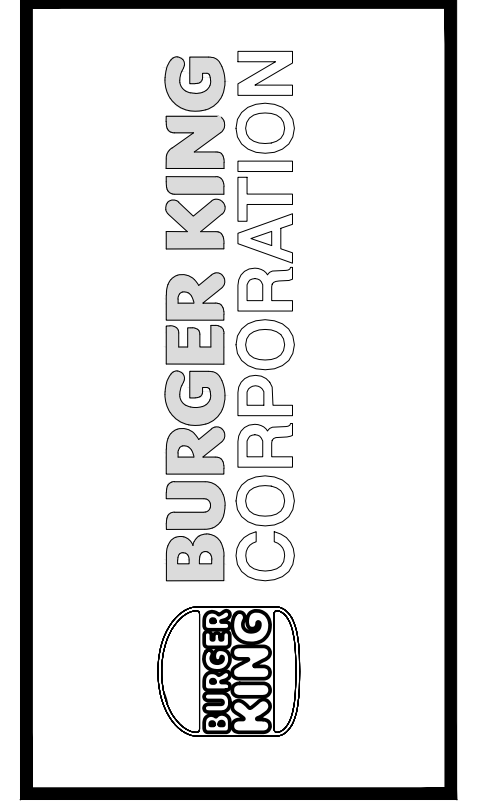


1 SOIL EROSION SITE PLAN
SCALE: 1:20

- SOIL EROSION AND SEDIMENTATION CONTROL:**
1. ALL EROSION AND SEDIMENT CONTROL WORK SHALL CONFORM TO CURRENT STANDARDS AND SPECIFICATIONS OF ELKHART, INDIANA.
 2. DAILY INSPECTION SHALL BE MADE BY THE CONTRACTOR TO DETERMINE EFFECTIVENESS OF EROSION AND SEDIMENT CONTROL MEASURES, AND ANY NECESSARY REPAIRS SHALL BE PERFORMED WITHOUT ANY DELAY.
 3. EROSION AND ANY SEDIMENTATION FROM WORK ON THIS SITE SHALL BE CONTAINED ON THE SITE AND NOT ALLOWED TO COLLECT ON ANY OFF-SITE AREAS OR WATERWAYS. WATERWAYS INCLUDE BOTH NATURAL AND MAN-MADE DITCHES, STREAMS, STORM DRAINS, LAKES AND PONDS.
 4. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED, PRIOR TO, OR AS THE FIRST STEP IN, CONSTRUCTION. SEDIMENT CONTROL PRACTICES SHALL BE APPLIED AS A PERIMETER DEFENSE AGAINST ANY TRANSPORTATION OF SILT OFF THE SITE.
 5. CONTRACTOR SHALL APPLY TEMPORARY EROSION AND SEDIMENTATION AS REQUIRED AND AS DIRECTED IN THESE PLANS. HE SHALL REMOVE TEMPORARY MEASURES AS SOON AS PERMANENT STABILIZATION OF SLOPES, DITCHES, AND OTHER EARTH CHANGES HAS BEEN ACCOMPLISHED.
 6. PERMANENT SOIL EROSION CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES, OR ANY DISTURBED LAND AREA SHALL BE COMPLETED WITHIN 15 CALENDAR DAYS AFTER FINAL GRADING, OR THE FINAL EARTH CHANGE HAS BEEN COMPLETED, WHEN IT IS NOT POSSIBLE TO STABILIZE A DISTURBED AREA AFTER AN EARTH CHANGE ACTIVITY CEASES. TEMPORARY SOIL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED & MAINTAINED UNTIL PERMANENT SOIL EROSION CONTROL MEASURES ARE IMPLEMENTED.
 7. ALL MUD/DIRT TRACKED ONTO EXISTING CITY/ COUNTY/STATE ROADS FROM THIS SITE DUE TO CONSTRUCTION, SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR/BUILDER. ALL MUD/DIRT TRACKED OR SPILLED ON PAVED ROADS/SURFACES WITHIN THE SITE SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR/BUILDER.
 8. PLACE GEOTEXTILE FILTER CLOTH ON ALL CATCH BASINS DURING CONSTRUCTION.
 9. ALL ONSITE AND OFFSITE AREAS DISTURBED BY CONSTRUCTION SHALL BE RESTORED TO EQUAL OR BETTER THAN ORIGINAL EXISTING CONDITIONS. ALL RESTORATION SHALL CONSIST OF A MIN. OF 4" TOPSOIL W/SEED AND MULCH OR 3" OF TOPSOIL AND CLASS "A" SOD WHERE EXISTING CONDITION REQUIRE SOD REPLACEMENT.

SOIL EROSION CONTACT PERSON
TECHNICAL GROUP
ATTENTION: SHAHEEN
246-426-8000

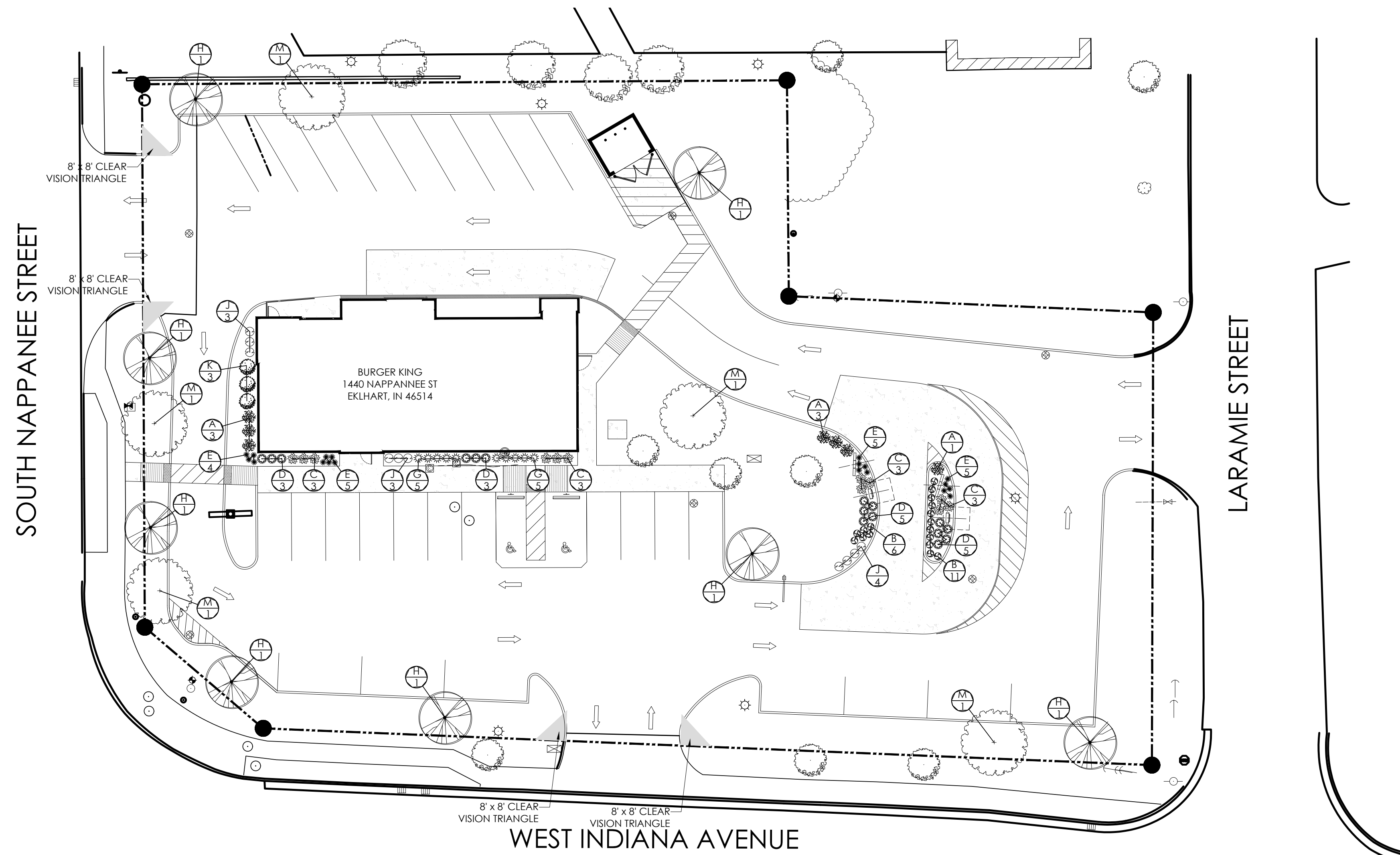
Notes	FOR SUBMITTAL TO CITY PLANNING
By	DB
Date	
No.	
Drawn By:	CP
Checked:	SB
Scale:	AS NOTED
Date:	---21



PROJECT	BURGER KING 1440 NAPPANEE ST. ELKHART, IN 46514
JOB #	TG-21668
SHEET	C-6
SHEET TITLE	SOIL EROSION SITE PLAN

DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT WRITTEN AUTHORIZATION FROM THE ARCHITECT.

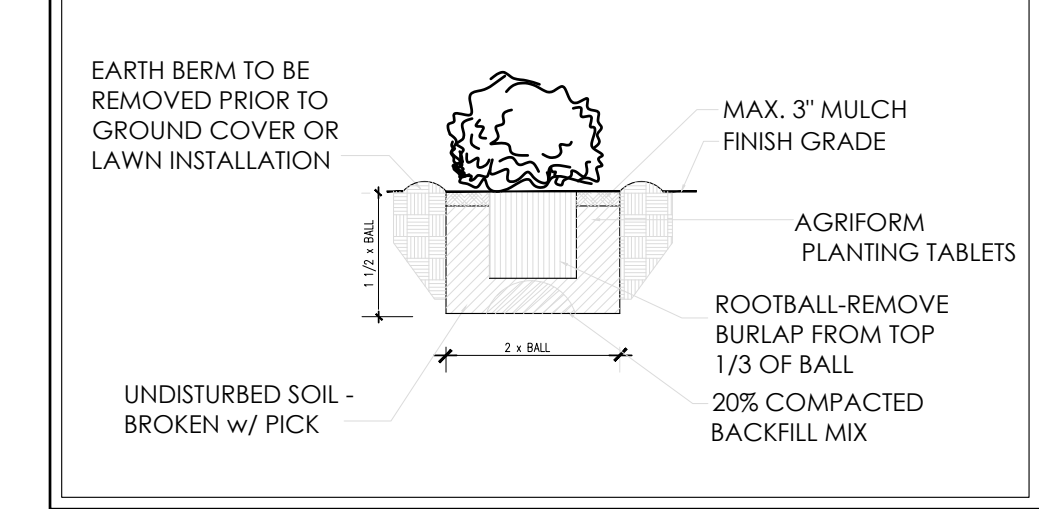


1 PROPOSED LANDSCAPE PLAN
SCALE: 1:20

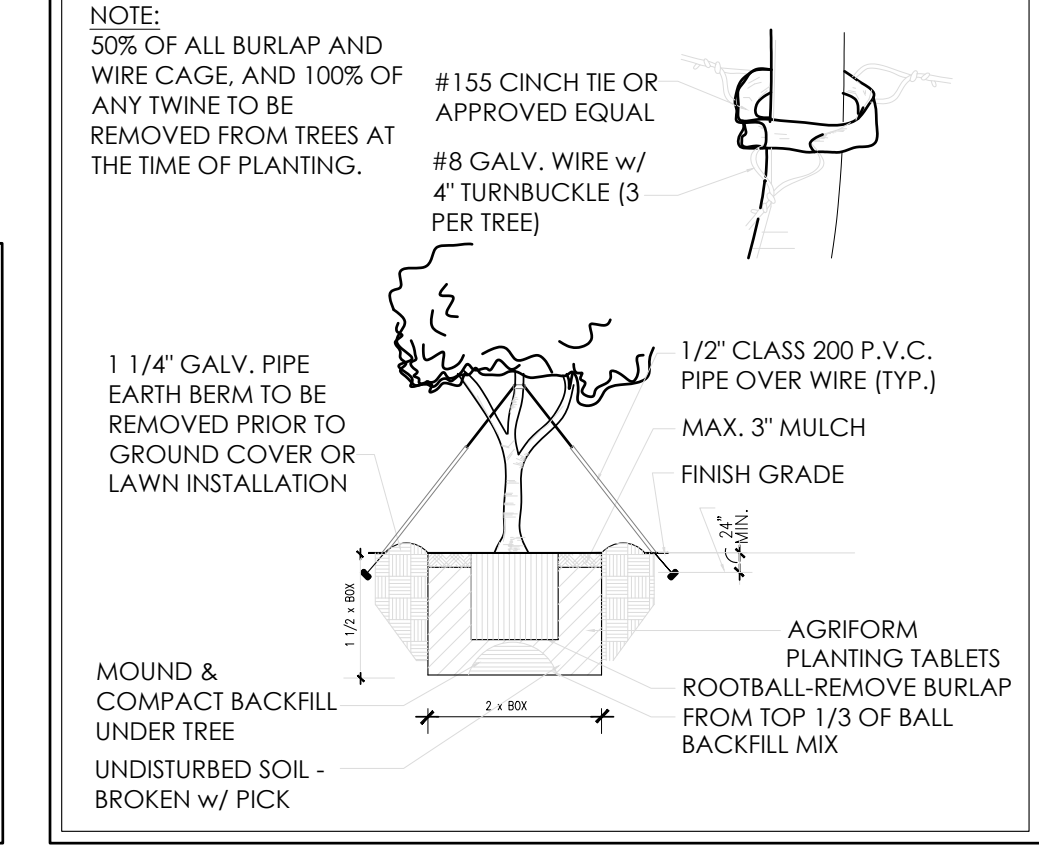
LANDSCAPE NOTES:

- 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 ABUTTING 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 NURSERYMEN 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
- GENERAL:**
- 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 (a)(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



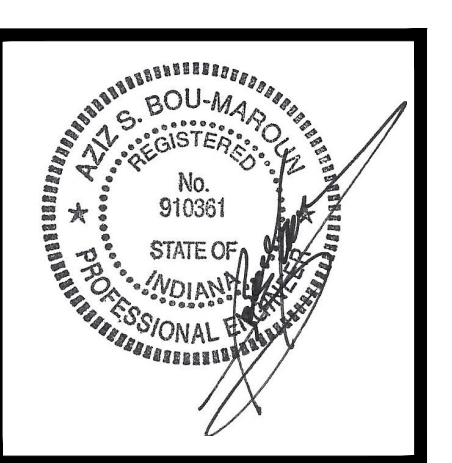
PLANT LISTING

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	CALAMAGROSIS '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	34" (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

No.	Date	By	Notes
1		DB	FOR SUBMITTAL TO CITY PLANNING
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45			
46			
47			
48			
49			
50			



TECHNICAL GROUP INC.
3716 HILLS TECH DRIVE
FARMINGTON HILLS, MI 48331
P: (248) 468-8000 F: (248) 468-7004



PROJECT: BURGER KING
1440 NAPPANEE ST.
ELKHART, IN 46514

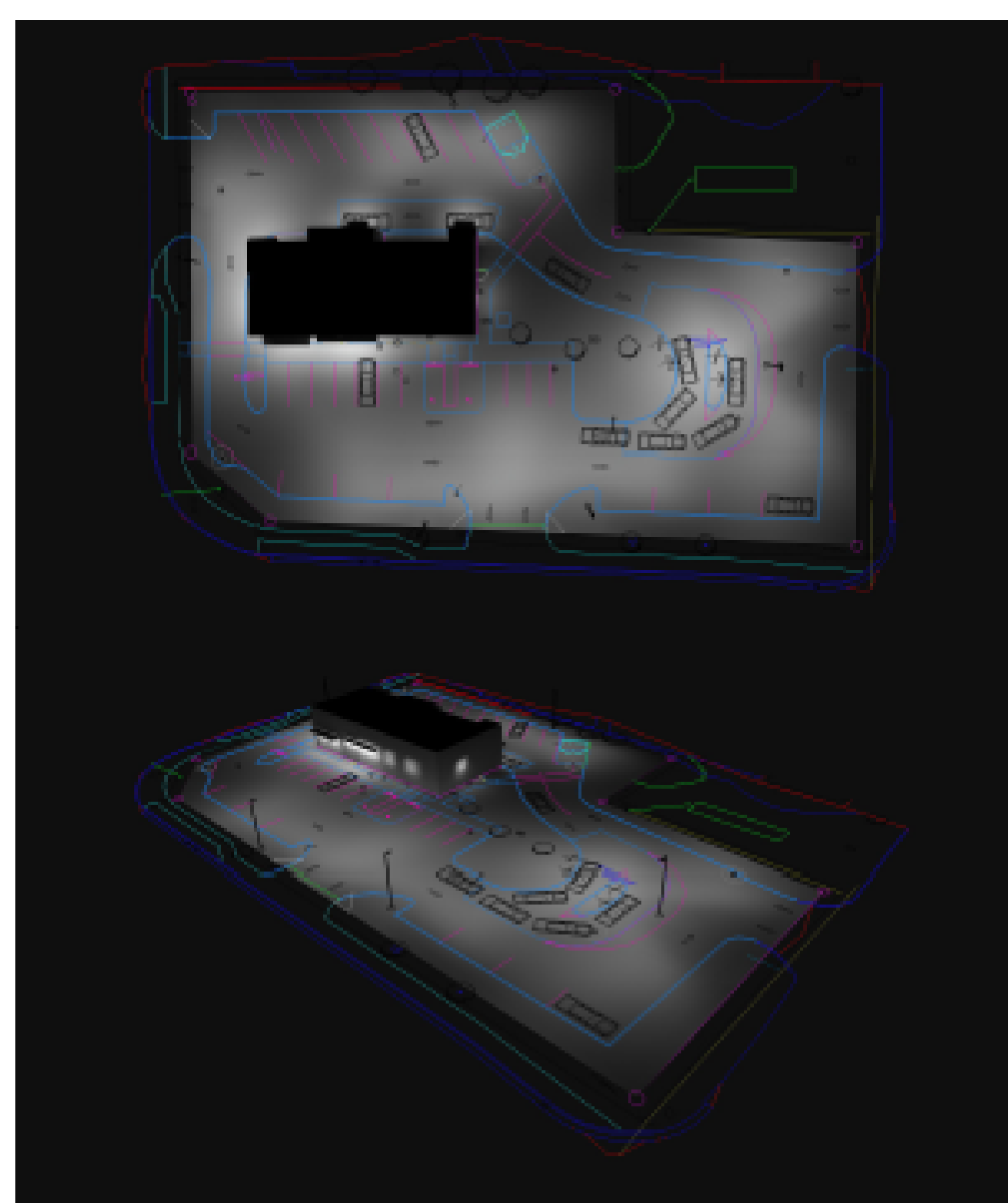
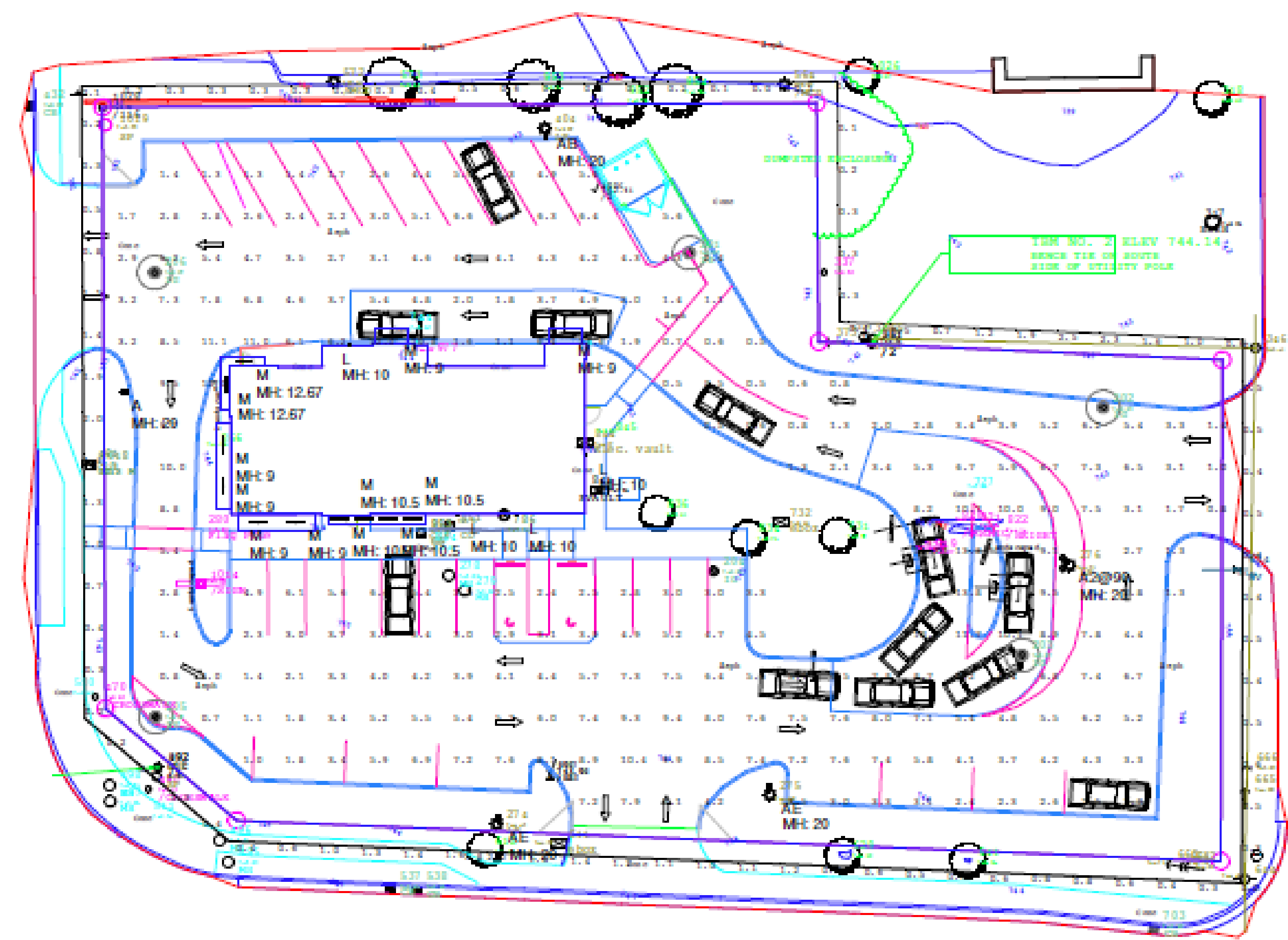
SHEET TITLE: PROPOSED LANDSCAPE PLAN

DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

JOB # TG-21668

SHEET LS-1

NOTES:
 1. THE FOOTCANDLE LEVELS AS SHOWN ARE BASED ON THE FOLLOWING CRITERIA. ANY SUBSTITUTIONS IN SPECIFIED FIXTURES OR CHANGES TO LAYOUT WILL AFFECT LIGHTING LEVELS SHOWN AND WILL NOT BE THE RESPONSIBILITY OF SECURITY LIGHTING.
 2. DISTANCE BETWEEN READINGS 10



Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
ADJ PROPERTY READINGS	Illuminance	Fc	0.61	2.5	0.0	N.A.	N.A.
PAVED SURFACE READINGS	Illuminance	Fc	4.92	15.0	0.5	9.84	30.00
PROPERTY LINE READINGS	Illuminance	Fc	0.78	2.2	0.2	3.90	11.00

Symbol	Qty	Label	Arrangement	LLF	Description	Lum. Watts	EPA	Mtg Height	Pole Type
[Symbol]	1	A	SINGLE	0.900	RAR2-480L-240-5K7-4W	226.9	13.6	20	SES-18-40-1-TA-xx-xx (4")
[Symbol]	1	A2@90	2 @ 90 DEGREES	0.900	RAR2-480L-240-5K7-4W	226.9	EXISTING	20	EXISTING
[Symbol]	1	AB	SINGLE	0.900	RAR2-480L-240-5K7-4-BC	226.9	EXISTING	20	EXISTING
[Symbol]	2	AE	SINGLE	0.900	RAR2-480L-240-5K7-4W	226.9	EXISTING	20	EXISTING
[Symbol]	12	M	SINGLE	0.951	VO-DVP-40DW277-4	40	NA	VARIES	N/A
[Symbol]	4	L	SINGLE	0.900	RWSC-36L-5K-DO-U-PS	14.4	NA	10	N/A

Pole Fixtures Are Full Cutoff
 Tilt=0
 Calculation Grids Are At Grade
 Pole Light Mounting Height=20ft (18' Pole + 2' Base)

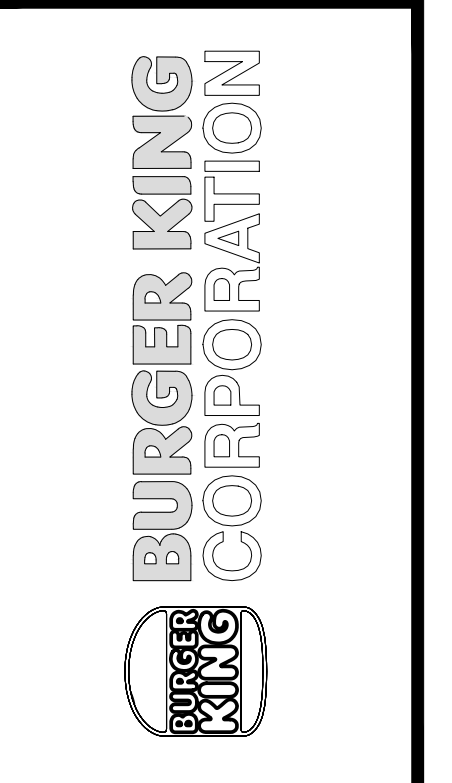
1. THIS LIGHTING DESIGN IS BASED ON INFORMATION PROVIDED BY OTHERS TO SECURITY LIGHTING SYSTEMS. SITE DETAILS, SURROUNDING AREAS AND NEIGHBORING AREAS ARE NOT INVESTIGATED AND FIELD VERIFICATION MAY NECESSARILY AFFECT PROJECTED PERFORMANCE. PRIOR TO INSTALLATION, CRITICAL SITE INFORMATION FROM OTHER LOCATIONS, NEIGHBORING PROPERTIES, ETC. SHOULD BE CONSULTED WITH THE CONTRACTOR AND/OR INDICATED RESPONSIBLE FOR THE PROJECT.
 2. LUMINOUS FLUX IS TESTED TO INDICATE COMPLIANCE UNDER LABORATORY CONDITIONS. OPERATING SYSTEMS AND WORKING MANUFACTURING TOLERANCES OF LENS, HOUSING, AND CONTROLS MAY AFFECT FIELD RESULTS.
 3. COMPLIANCE TO SECURITY CODE AND OTHER LOCAL REQUIREMENTS IS THE RESPONSIBILITY OF THE OWNER AND/OR THE DESIGN PROFESSIONAL.
 4. THIS LAYOUT MAY NOT MEET TITLE 24 OR LOCAL ENERGY REQUIREMENTS. IF THIS LAYOUT WERE TO BE CONSIDERED WITH TITLE 24 OR OTHER ENERGY REQUIREMENTS, PLEASE CONSULT SECTION WITH APPLICABLE ENERGY REQUIREMENTS PROJECT REQUIREMENTS SO THAT CORRECTIONS MAY BE MADE TO THE DRAWING.

SECURITY LIGHTING
 1440 S NAPPANKE ST
 ELKHART, IN 46514
 DATE: 2/1/2022
 SCALE: 1" = 20' 0"
 POINT-BY-POINT FOOTCANDLE PLOT FOR:
 BURGER KING
 1440 S NAPPANKE ST
 ELKHART, IN
 DRAWING NUMBER:
 EX5004-Rvt1.ACI

No.	Date	By	Notes
1		DB	FOR SUBMITTAL TO CITY PLANNING
2			
3			
4			
5			
6			
7			
8			
9			
10			

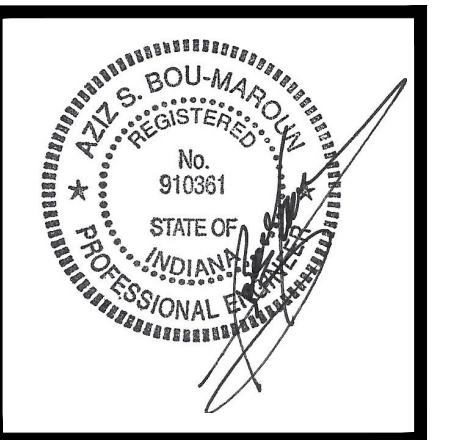
Drawn By: CP
 Checked: SB
 Scale: AS NOTED
 Date: --:21

ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE ARCHITECT.



TECHNICAL GROUP Inc.
 37716 HILLS TECH DRIVE
 FARMINGTON HILLS, MI 48331
 P: (248) 726-8000 F: (248) 726-7000

TGI



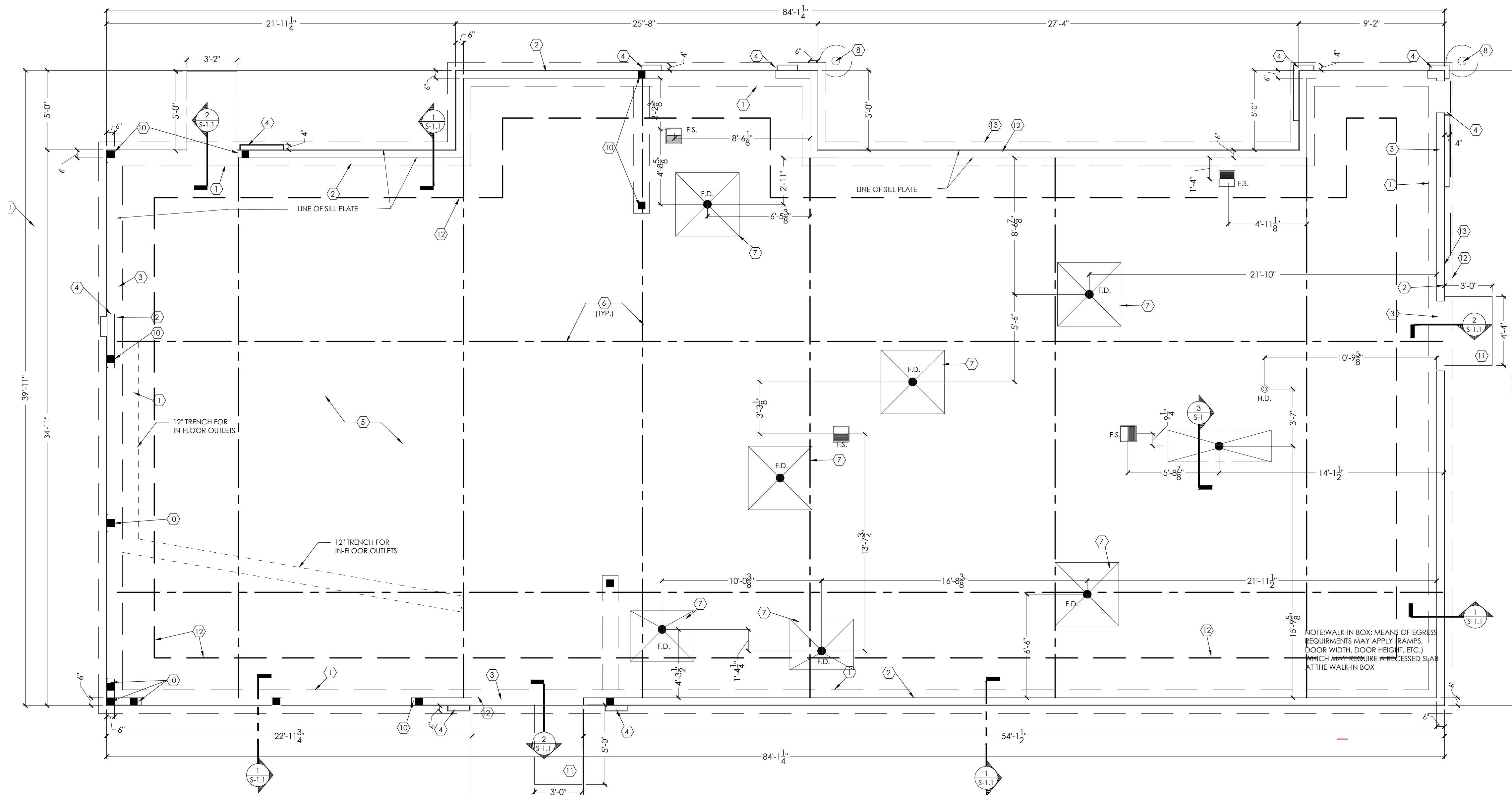
PROJECT:
 BURGER KING
 1440 NAPPANKE ST.
 ELKHART, IN 46514

SHEET TITLE:
 SITE LIGHTING

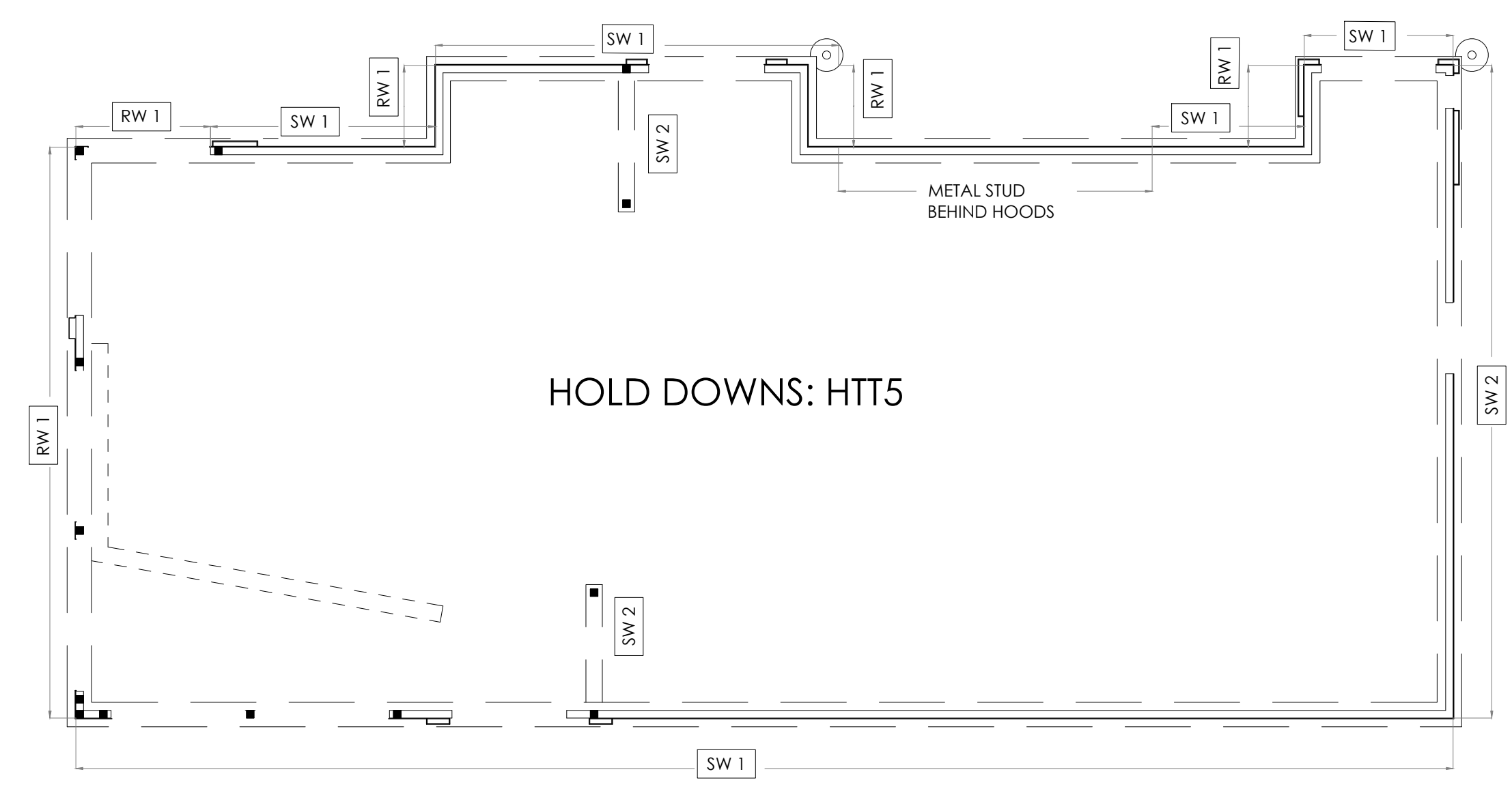
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

JOB #
TG-21668

SHEET
SL-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:

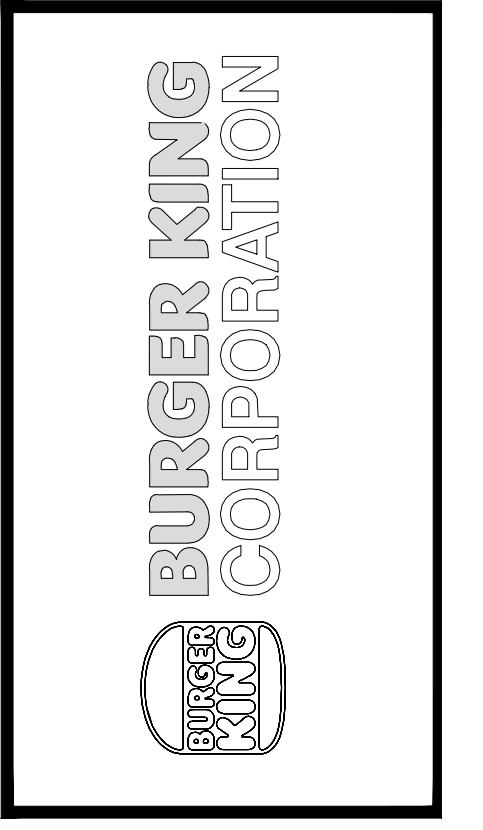
- 1 18" WIDE x 42" DEEP CONTINUOUS CONCRETE FOOTING WITH (3) #5 BARS CONTINUOUS TOP & BOTTOM
- 2 LINE OF SILL PLATE
- 3 EXTEND SLAB THRU AT OPENINGS (DETAIL 2/S-1.1)
- 4 PROVIDE 12" DEEP (4" A.F.F.) FOR FURR-OUT ELEMENTS AT TOWERS. CURB WIDTH TO BE DETERMINED BY FINISH FURR-OUT WIDTH. REFER TO SHEET A-1 FOR REQUIRED WIDTH AND DETAIL 1A/S-1.1.
- 5 4" MIN. CONCRETE SLAB WITH 6x6-W1.4W1.4 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"Ø x 8'-0" STEEL BOLLARD. FILL WITH CONCRETE. TOP OF BOLLARD AT 5'-0" ABOVE SURFACE OF PAVING WITH 24"Ø x 3'-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:

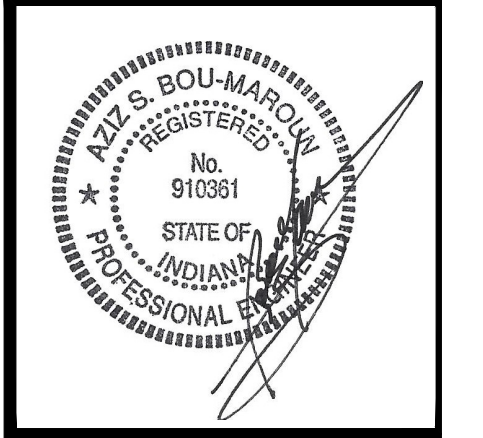
- A. FOUNDATION PLAN WAS BASED ON AN ALLOWABLE BEARING CAPACITY OF 2500 PSF. SEE GEOTECHNICAL ENGINEERING REPORT BY TERRACON.
- B. ALL SOIL EXCAVATIONS FOR FOOTINGS & COMPACTION SHALL BE INSPECTED AND APPROVED BY A QUALIFIED SOILS ENGINEER REPRESENTING THE OWNER PRIOR TO PLACING CONCRETE. EXCAVATIONS 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.

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

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



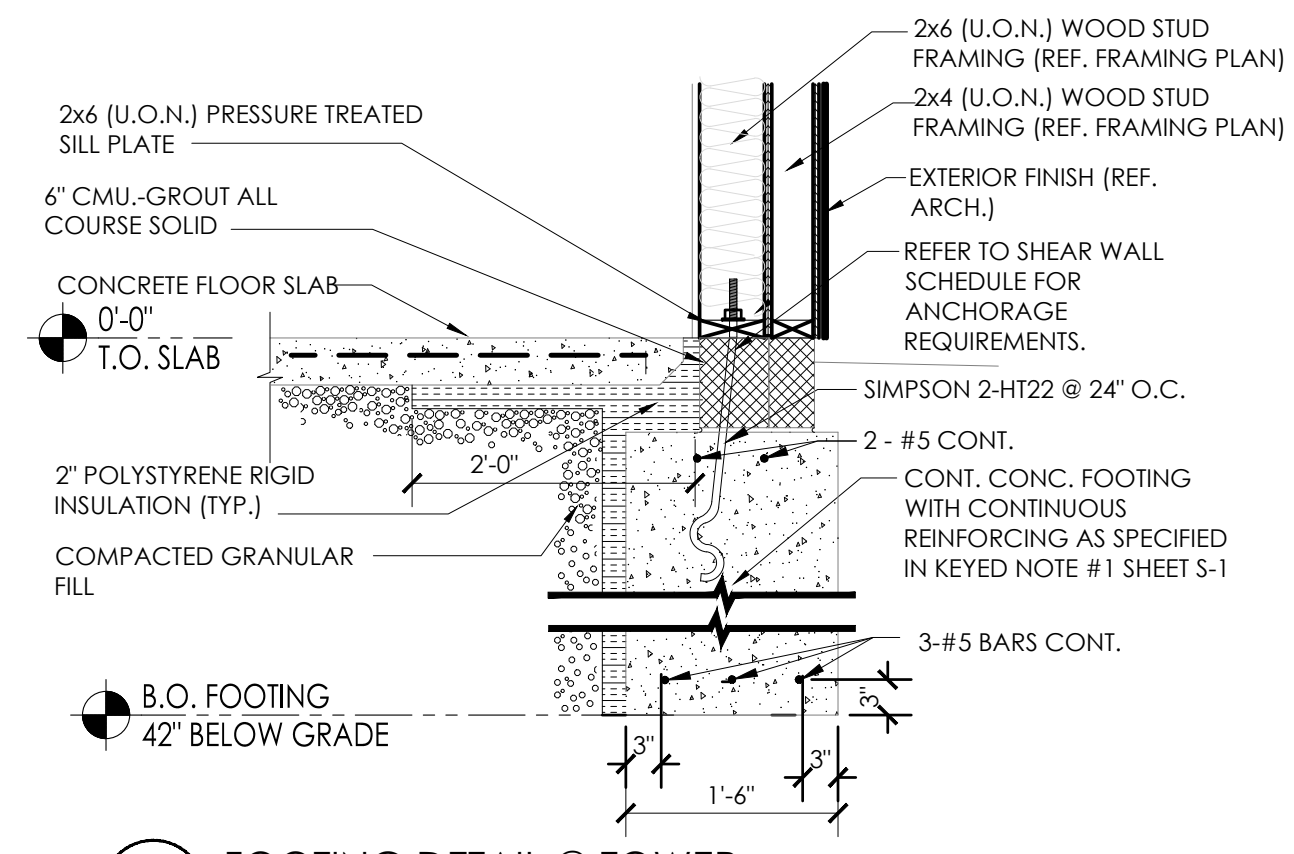
TECHNICAL GROUP, INC.
FARMINGTON HILLS, MI 48331
P: (248) 426-6001 F: (248) 426-7004



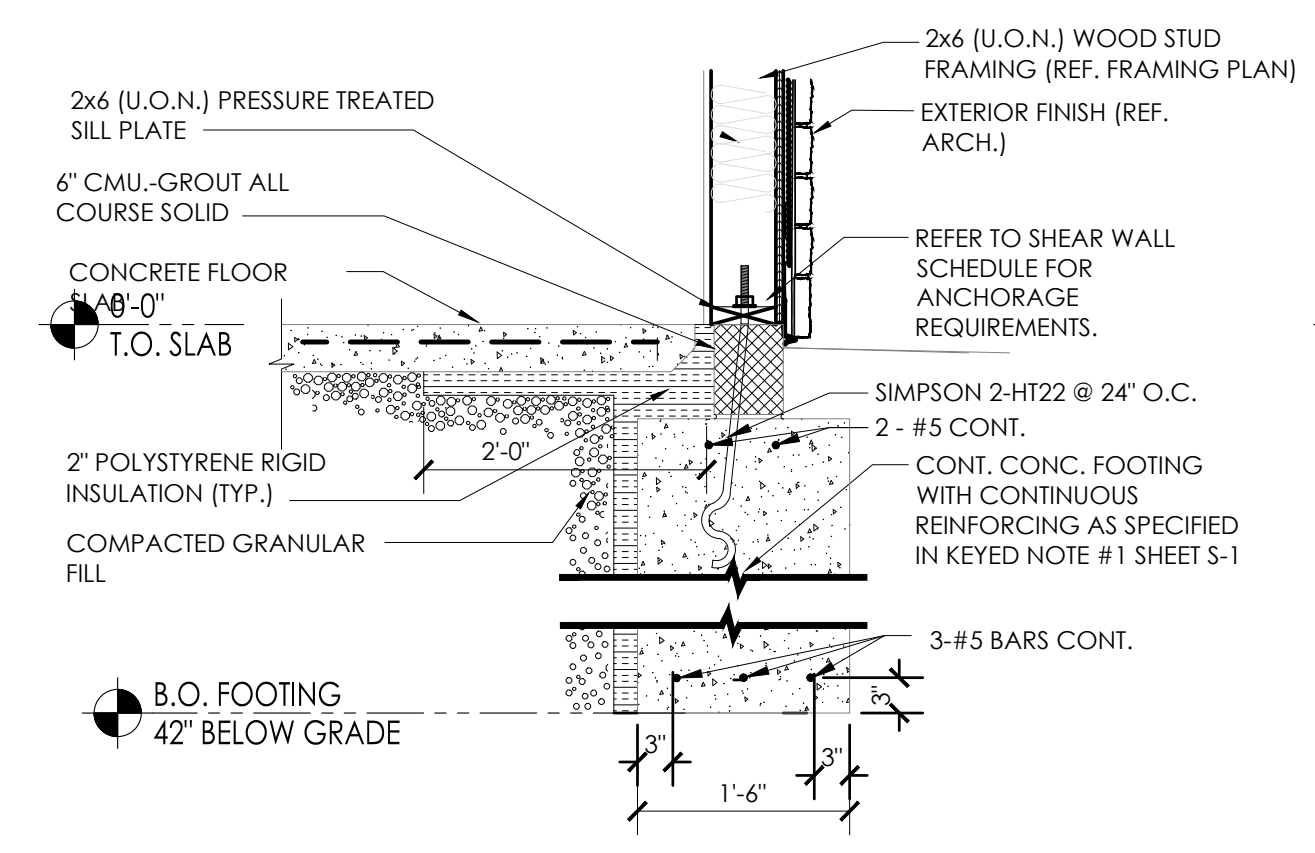
PROJECT	BURGER KING 1440 MAPLE AVE. ST. ELMHART, IN 46514	SHEET TITLE	FOUNDATION PLAN
JOB #	CG-21668		
SHEET	S-1		

DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

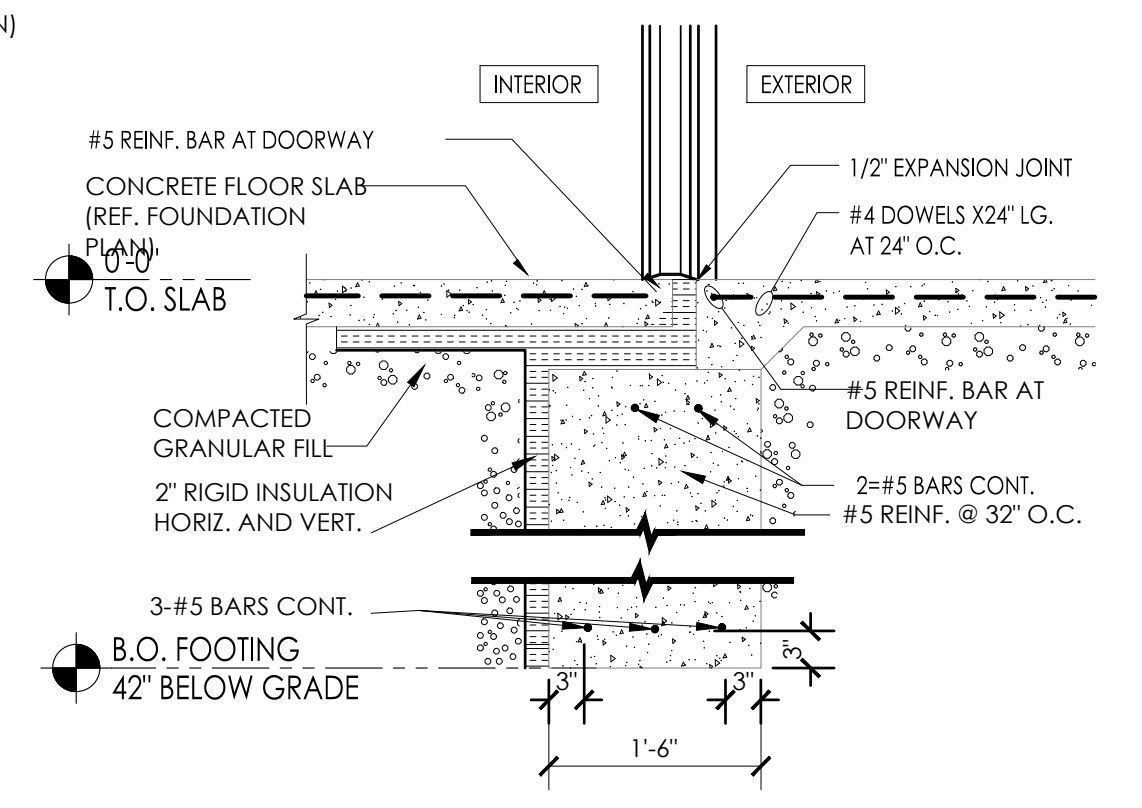
ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAY BE COPIED, REPRODUCED OR USED IN CONNECTION WITH ANY WORK, OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED, WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE ARCHITECT.



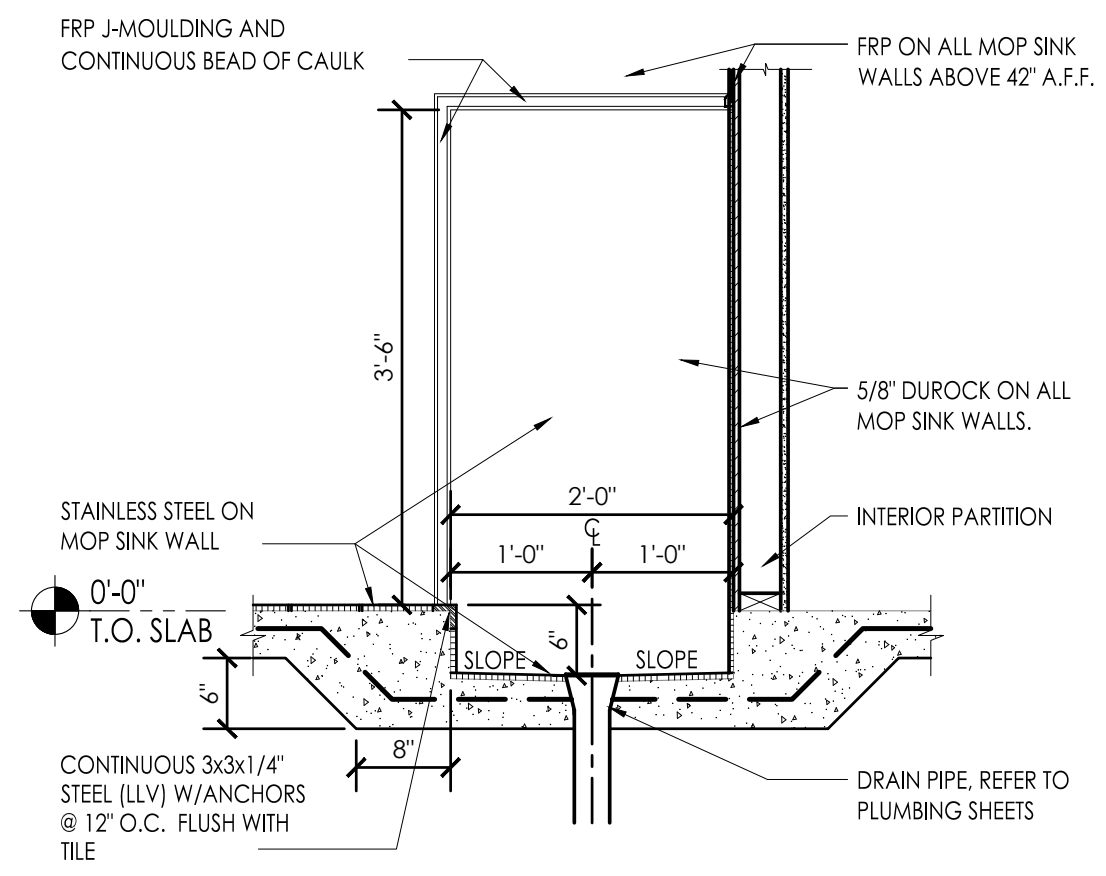
1A FOOTING DETAIL @ TOWER
SCALE: 3 / 4" - 1'-0"



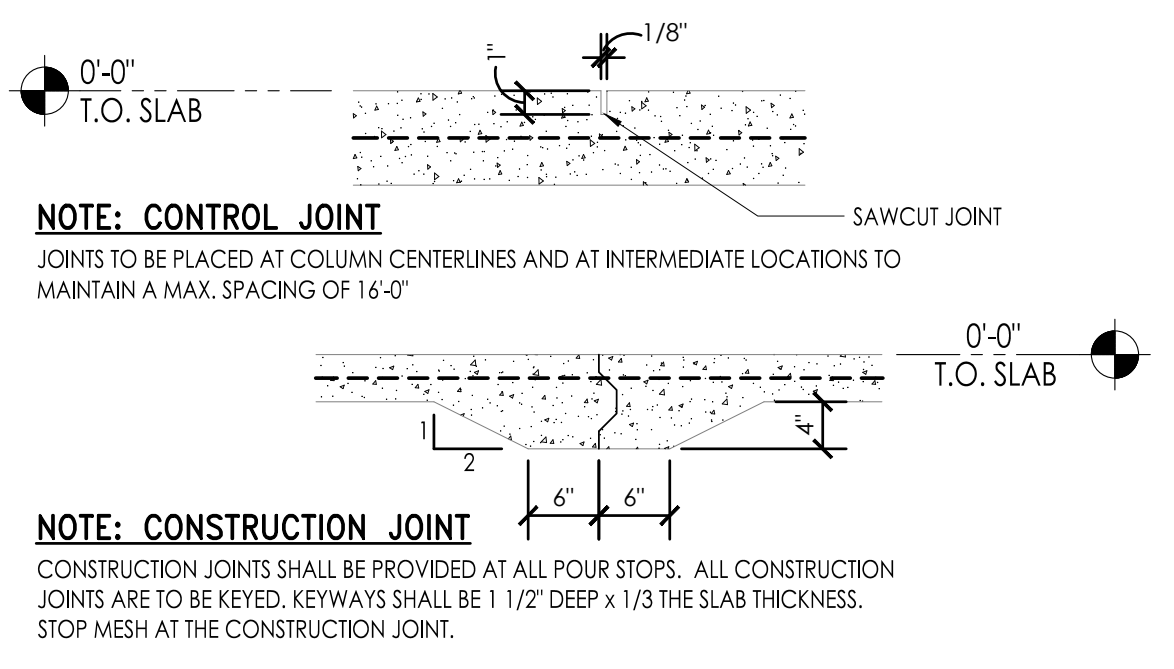
1 TYPICAL FOOTING DETAIL
SCALE: 3 / 4" - 1'-0"



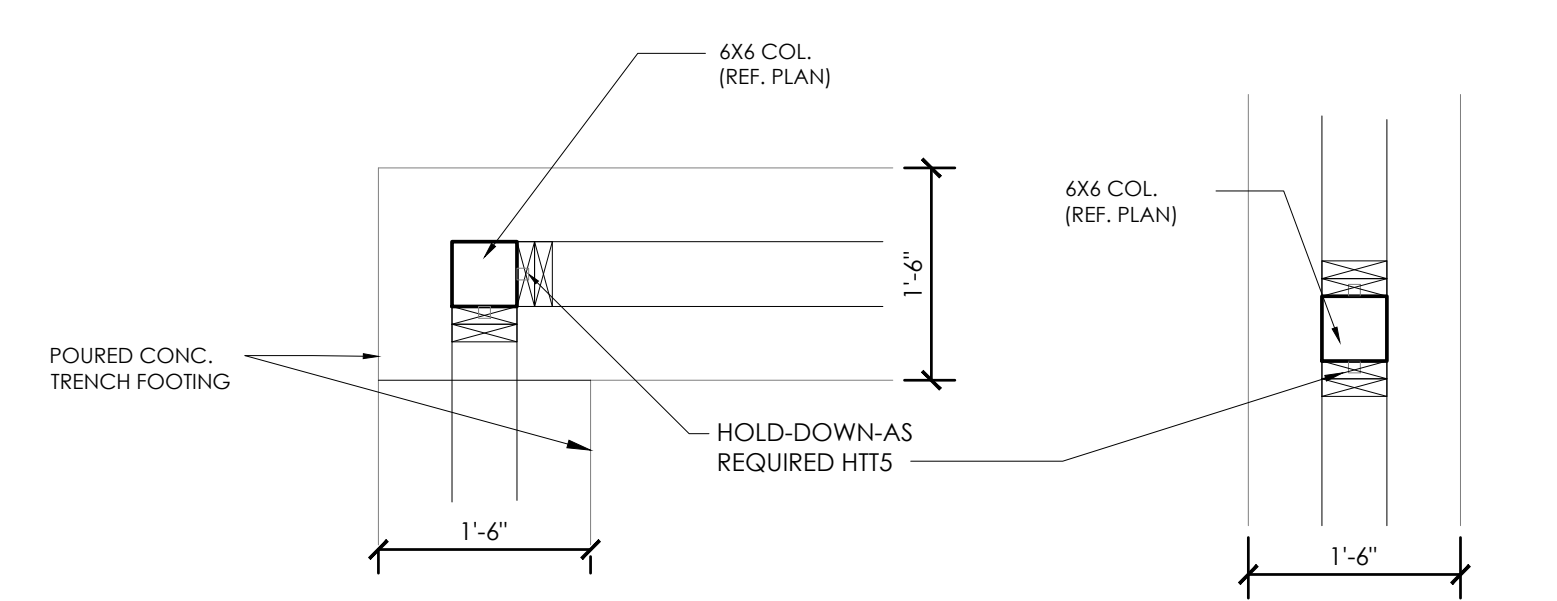
2 TYPICAL EXTERIOR DOOR SLAB DETAIL
SCALE: 3 / 4" - 1'-0"



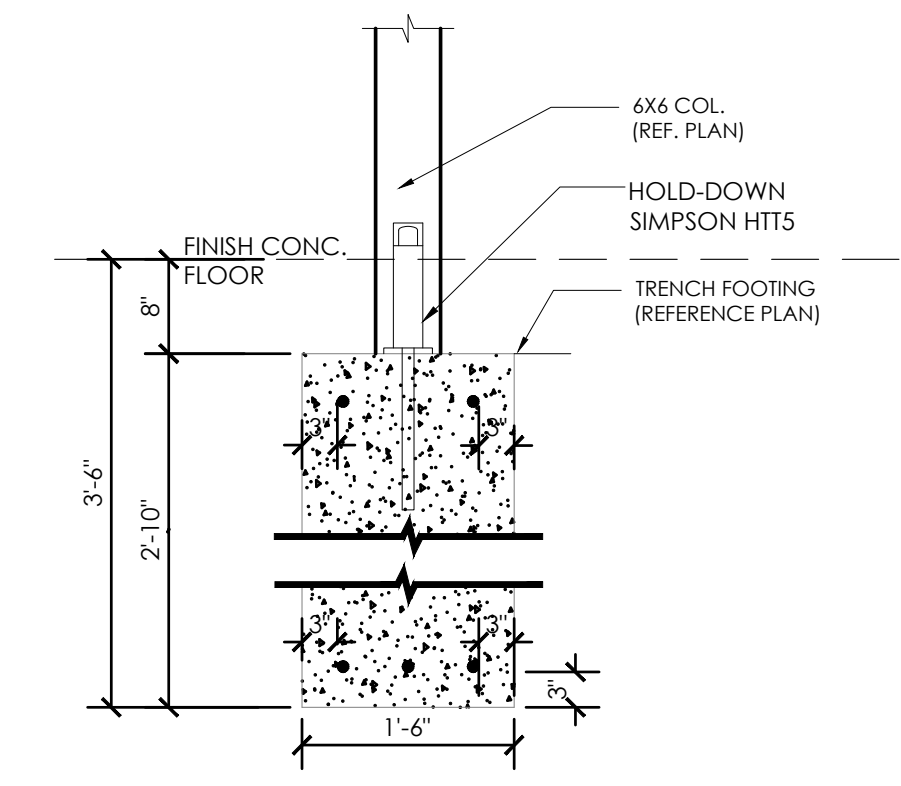
3 MOP SINK SLAB DETAIL
SCALE: 3 / 4" - 1'-0"



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

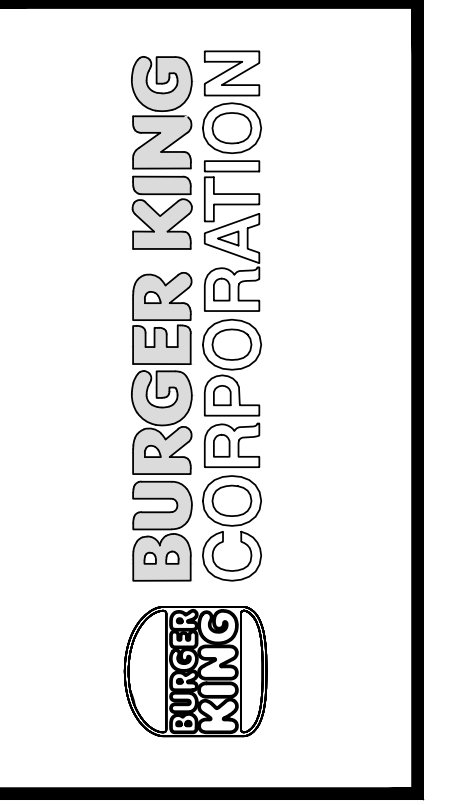


6.1 AT CORNER **6.2 TYPICAL**
6 STEEL PLATE DETAIL
SCALE: 3 / 4" - 1'-0"



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

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



TECHNICAL GROUP INC.
37716 HILLS TECH DRIVE
FARMINGTON HILLS, MI 48331
P: (248) 426-8000 F: (248) 426-7000



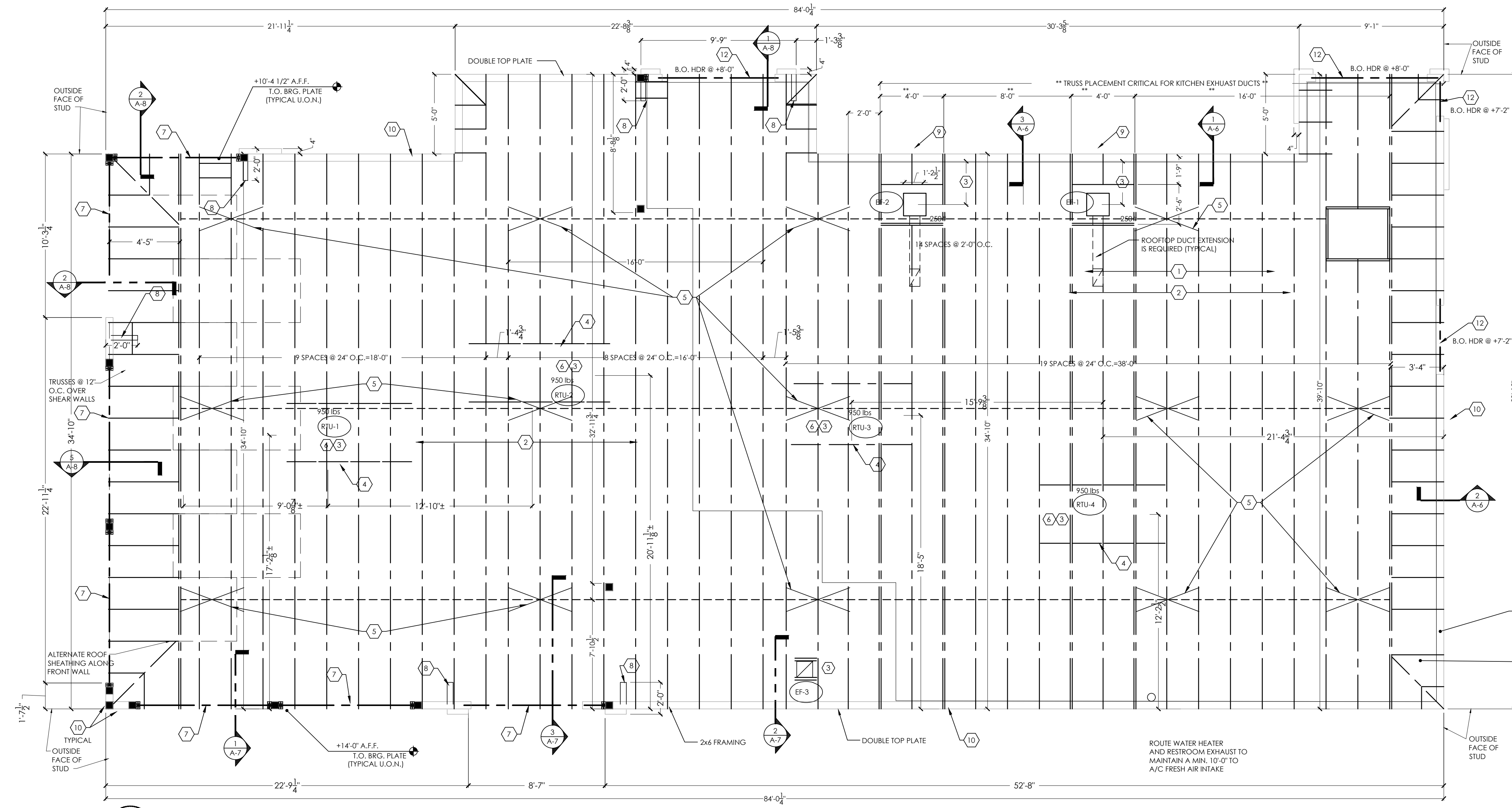
PROJECT: BURGER KING
1440 NAPPANEE ST.
ELCHART, IN 46514

SHEET TITLE: FOUNDATION DETAILS

DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

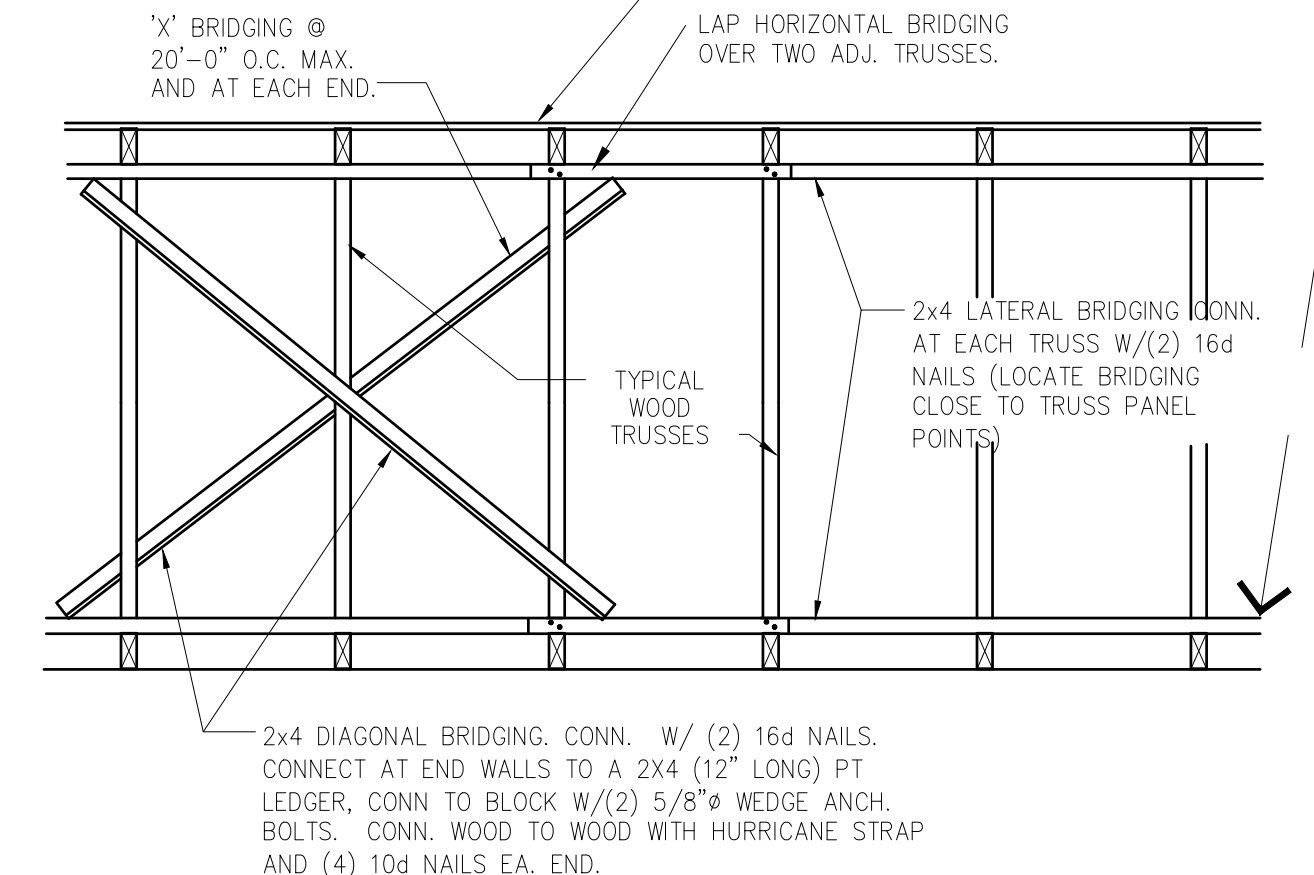
JOB # **TG-21668**

SHEET **S-1.1**



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 3/4" 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) 3/4" PLWD SPACERS. DOUBLE STUDS AT EACH END OF OPENING (4" MIN. BEARING)

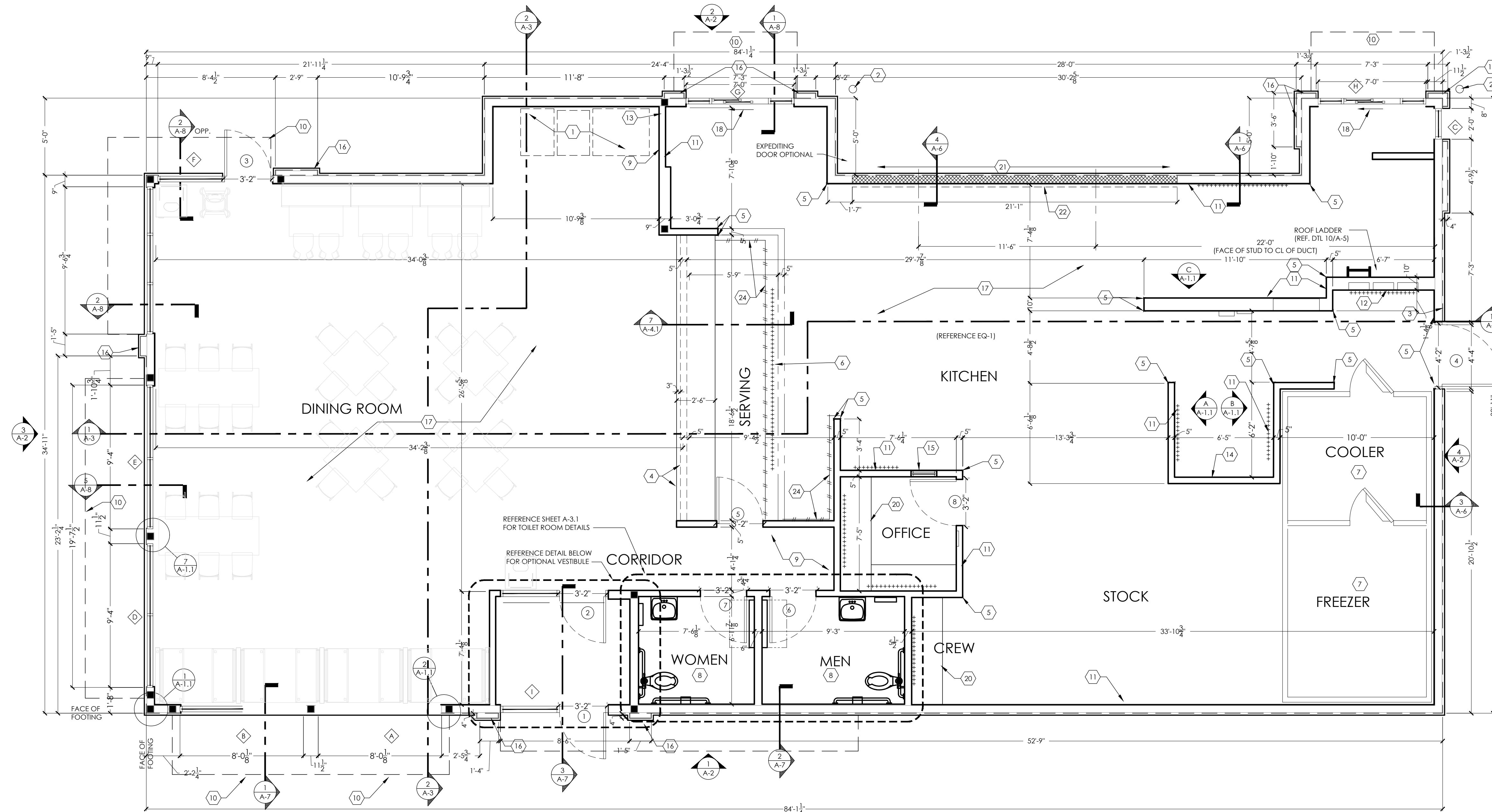
No.	Date	By	Notes
1		DB	FOR SUBMITTAL TO CITY PLANNING
Drawn By: CP			
Checked: SB			
Scale: AS NOTED			
Date: --/--21			



TECHNICAL GROUP INC.
3716 HILLS TECH DRIVE
FARMINGTON HILLS, MI 48331
P: (248) 426-8000 F: (248) 426-7000



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



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
- C. FACE OF FOUNDATION WALLS ARE THE SAME AS TO THE OUTSIDE
- D. ALL ANGLED WALLS ARE AT 90° UNLESS NOTED OTHERWISE
- E. FIRE EXTINGUISHER, SHALL COMPLY WITH APPLICABLE BUILDING CODES AND LOCAL RESTRICTIONS.
- F. 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
- G. FOR DOOR AND WINDOW TYPES, REFER TO SHEET A-10.

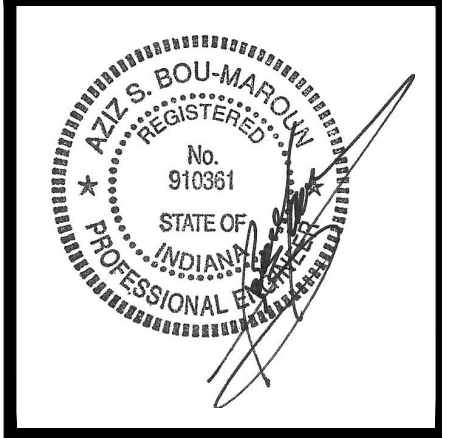
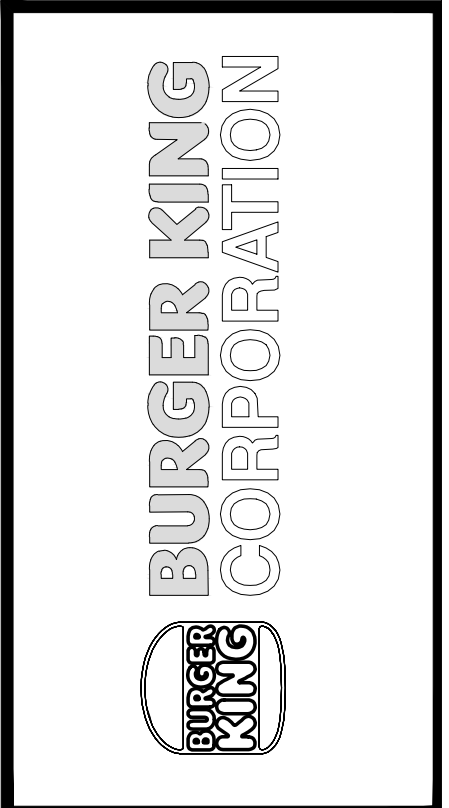
KEYED NOTES:

- 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 (2-122K) 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.

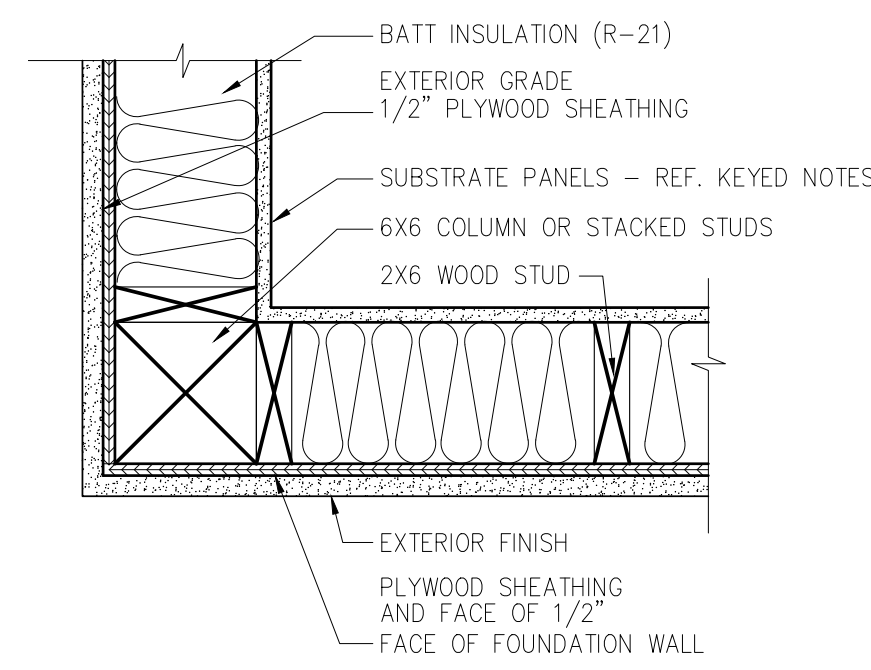
- 15. OFFICE WINDOW - REFERENCE SHEET A-10.
- 16. 4" DEEP FURR-OUT ELEMENT, 18" FINISH WIDTH MINIMUM (I.N.O.), REFER TO WALL SECTIONS. PROVIDE 12" DEEP CONCRETE CURB (REF. FOUNDATION PLAN) AND FRAMING AS REQUIRED FOR FINISH DIMENSION REQUIREMENTS.
- 17. TILE FLOOR.
- 18. DRIVE-THROUGH SLIDING WINDOW.
- 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	COLOR	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 (4'x8') 204551 (4'x10') 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	

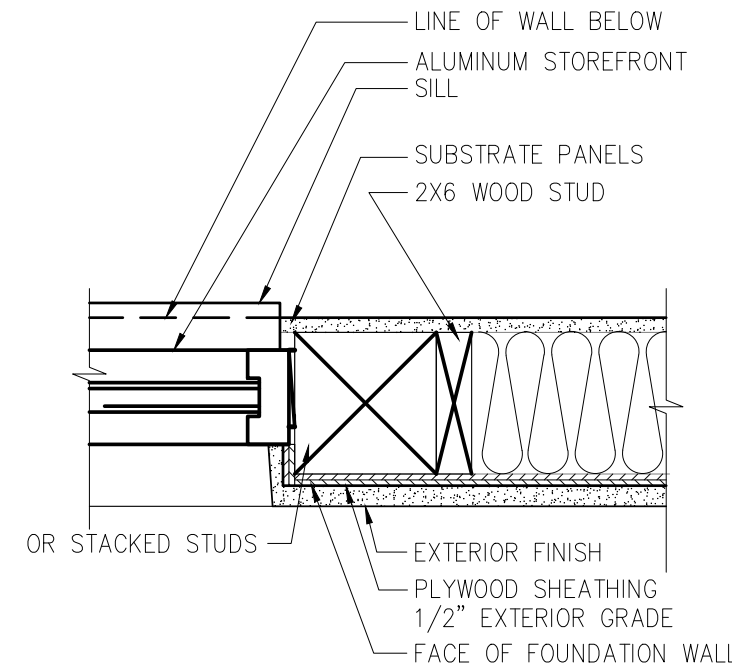
No.	Date	By	Notes
1		DB	FOR SUBMITTAL TO CITY PLANNING
Drawn By: CP			
Checked: SB			
Scale: AS NOTED			
Date: ---21			



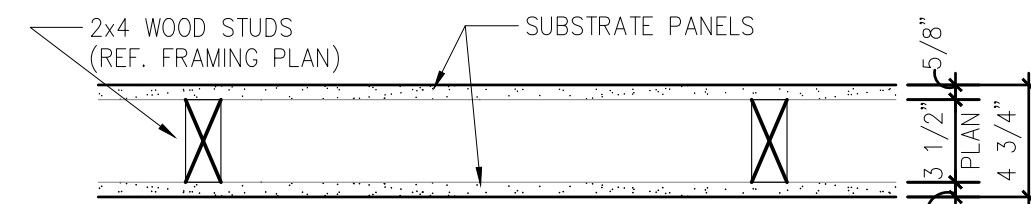
PROJECT	BURGER KING 1440 HAFPAINE ST. ELMHART, IN 46514	SHEET TITLE	FLOOR PLAN
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.		JOB #	TG-21668
		SHEET	A-1



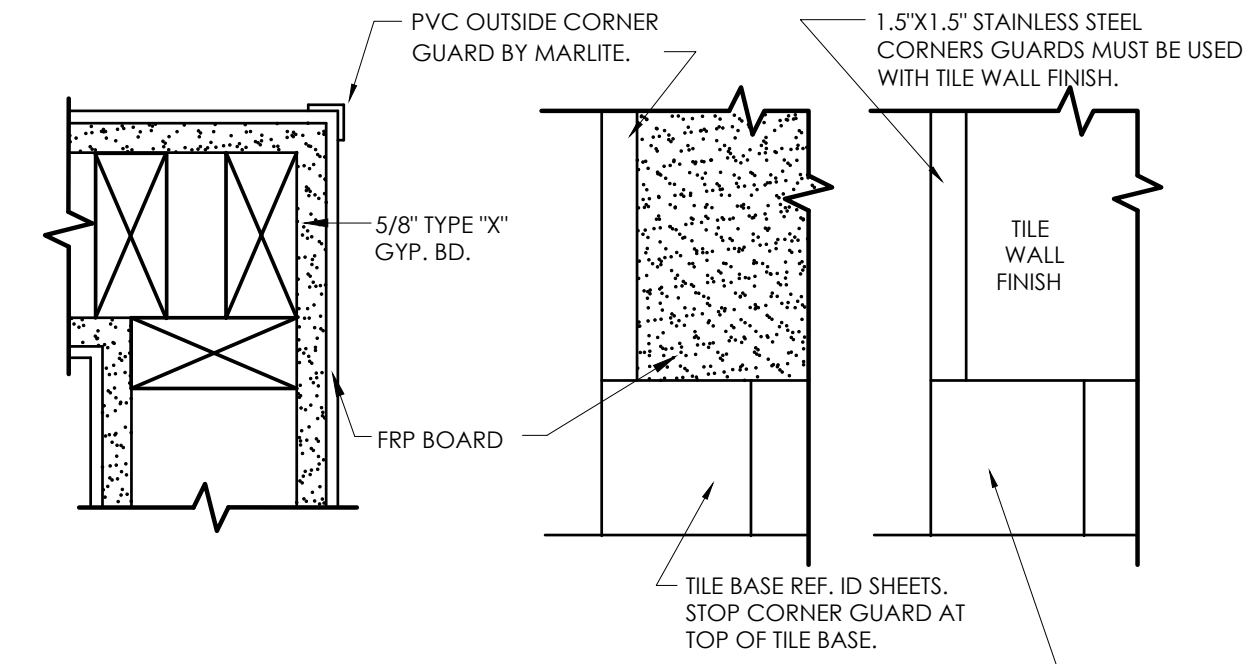
1 PLAN DETAIL
SCALE: 1-1/2" = 1'-0"



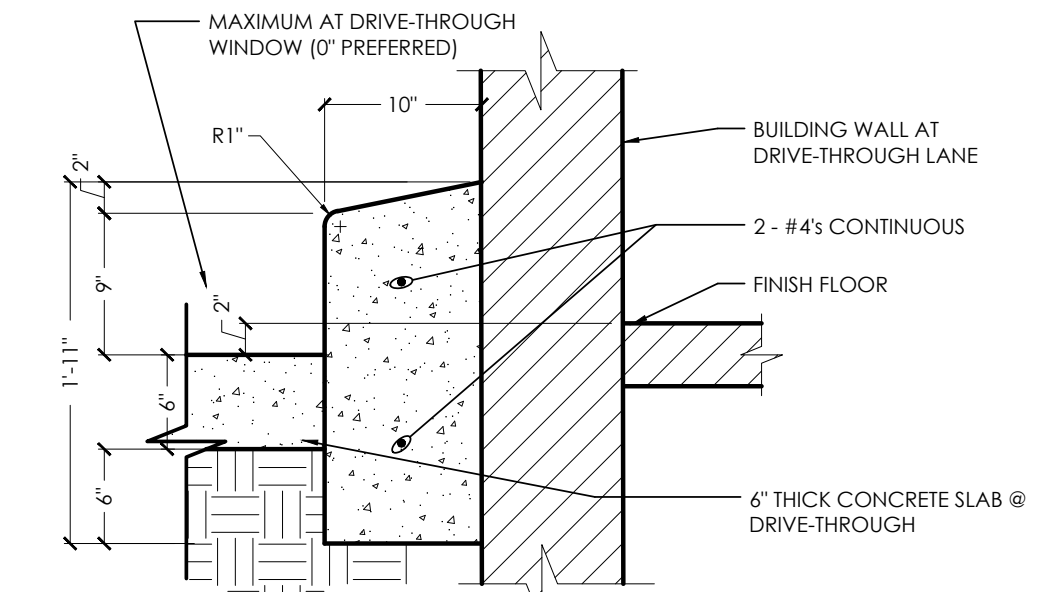
2 PLAN DETAIL
SCALE: 1-1/2" = 1'-0"



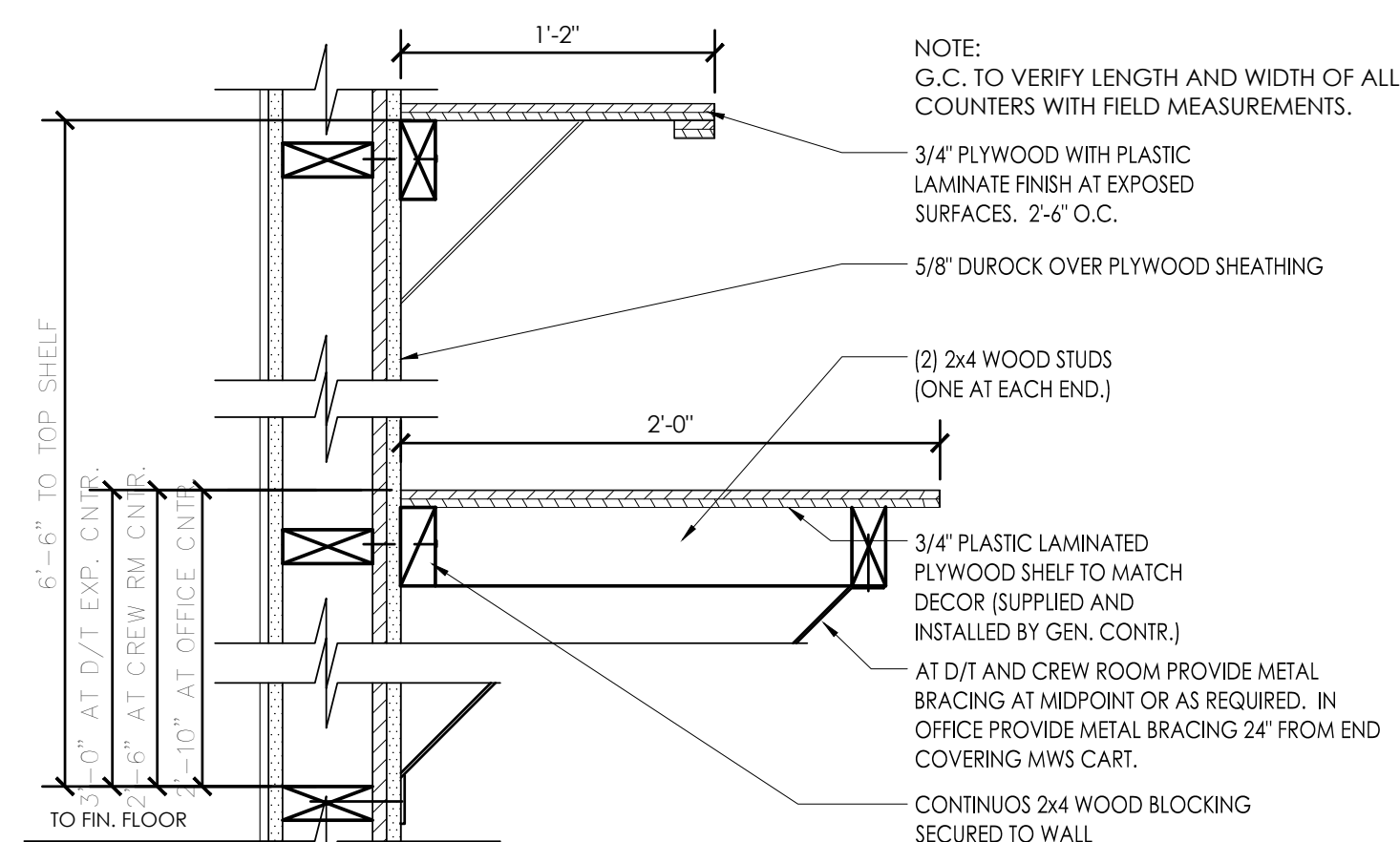
3 TYPICAL INTERIOR PARTITION
SCALE: 1-1/2" = 1'-0"



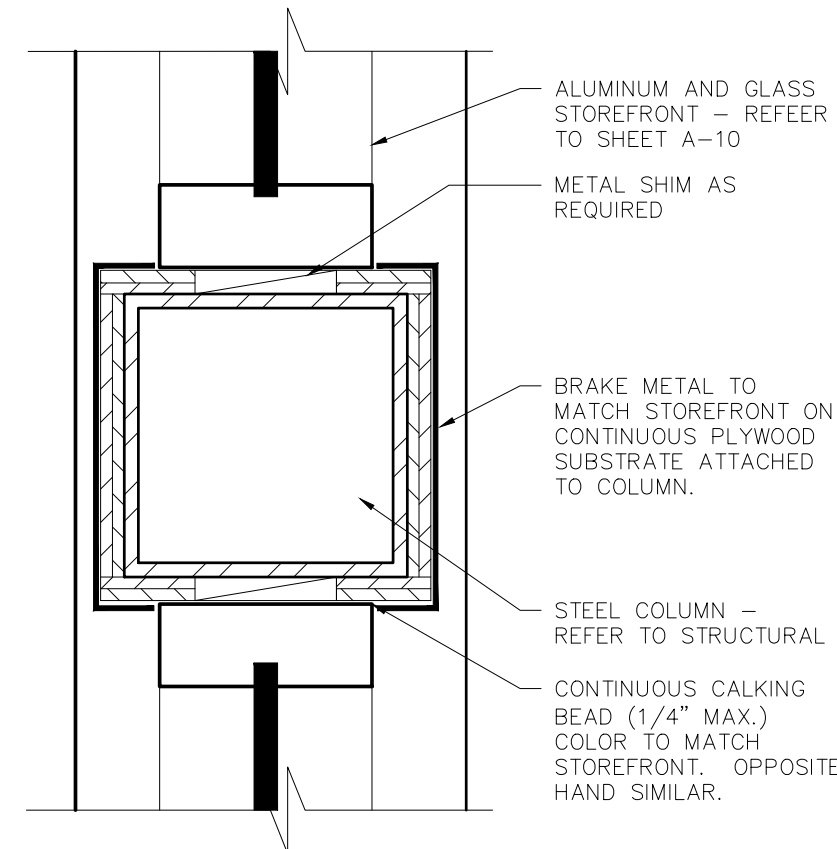
4 CORNER GUARD DETAIL
SCALE: 1-1/2" = 1'-0"



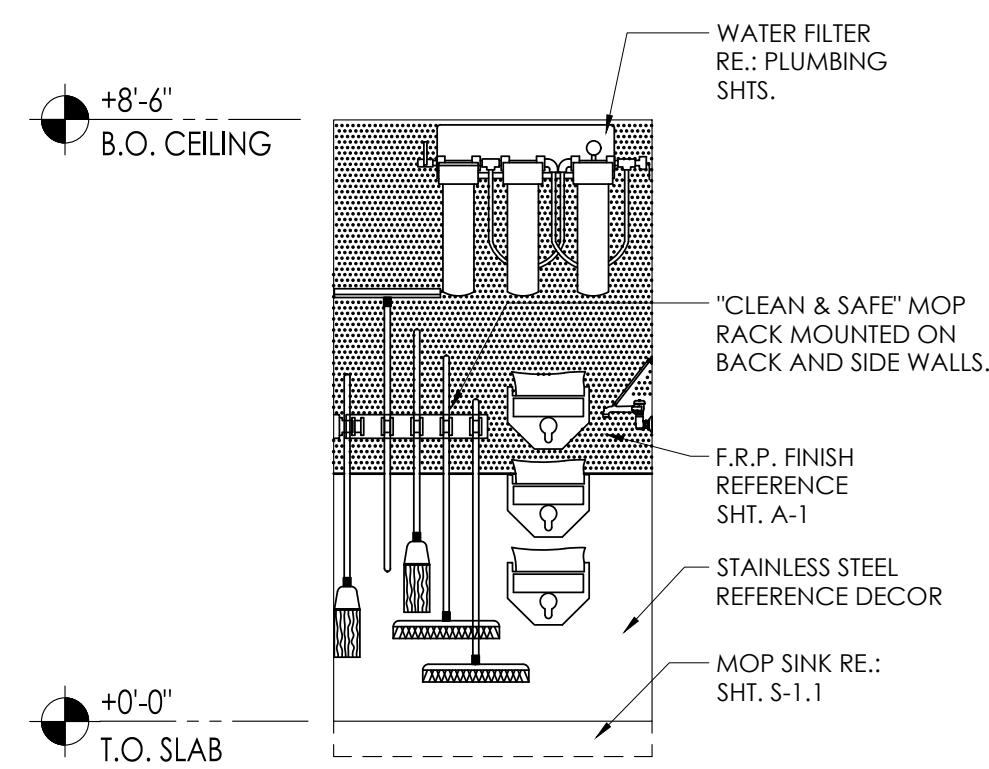
5 BARRIER CURB DETAIL
SCALE: 1" = 1'-0"



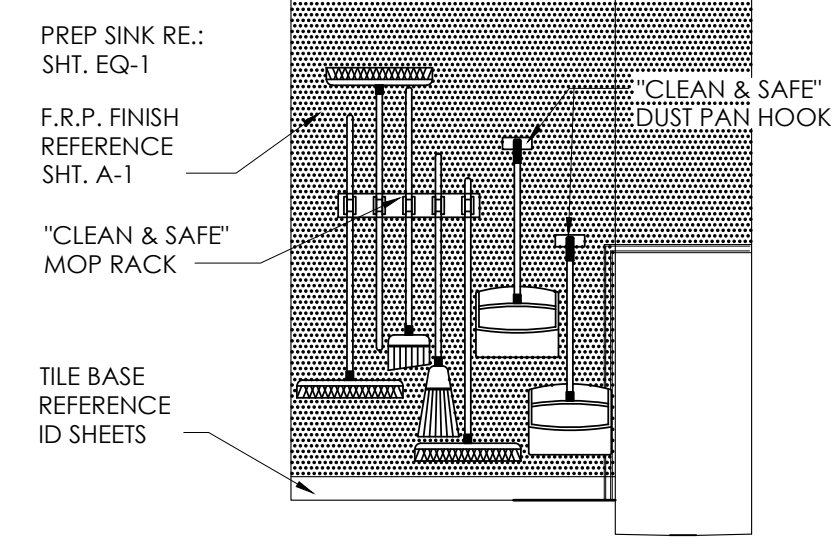
6 OFFICE COUNTER DETAIL
SCALE: 1-1/2" = 1'-0"



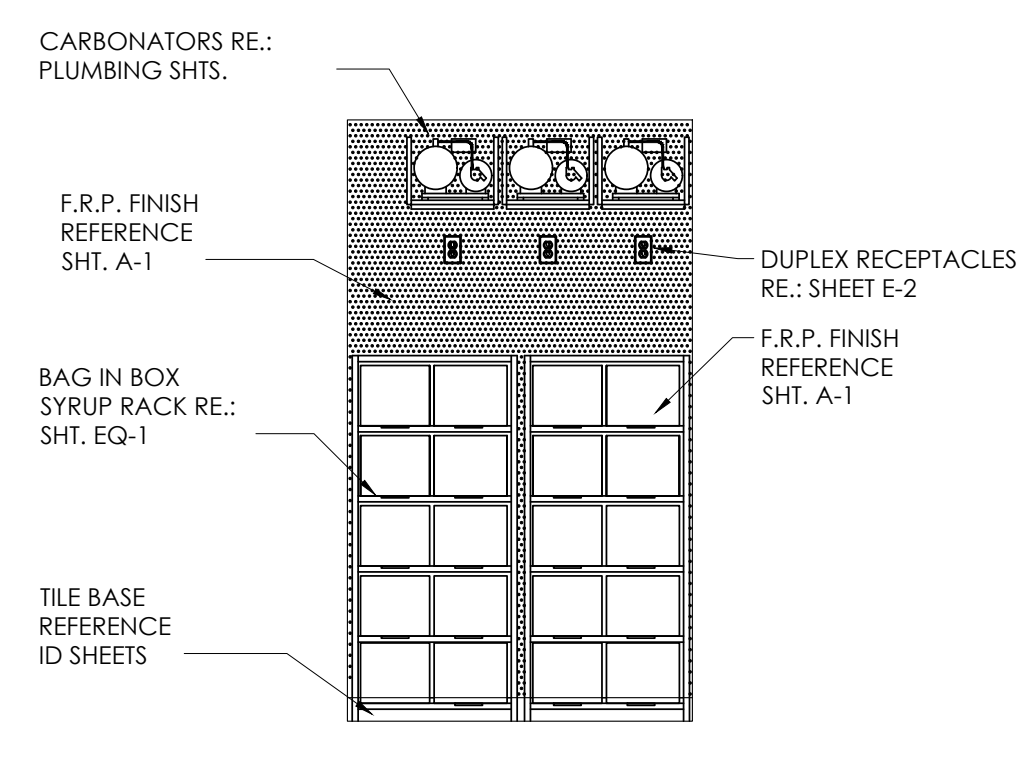
7 COLUMN BRAKE METAL ENCLOSURE
SCALE: 3" = 1'-0"



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



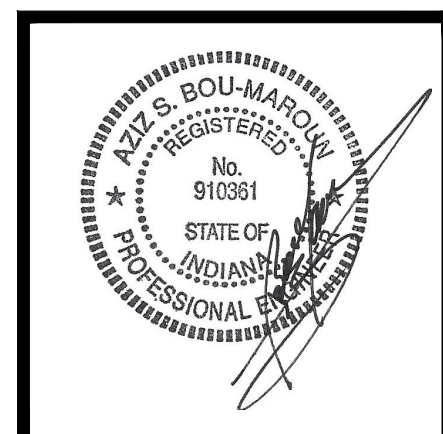
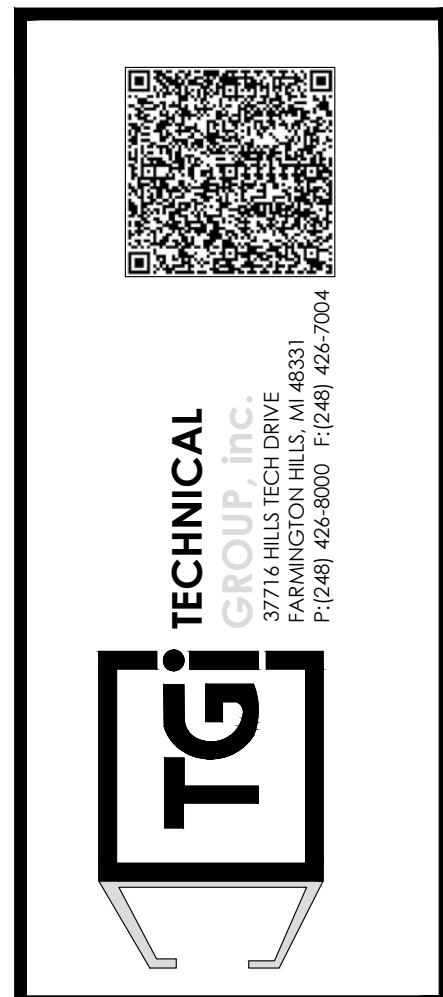
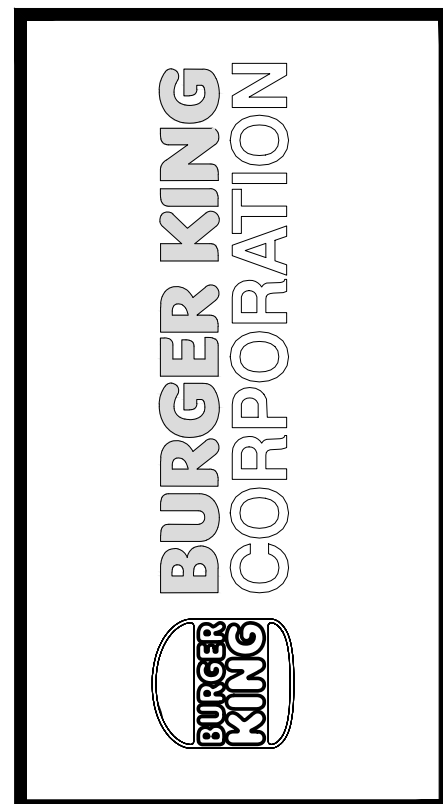
B ELEVATION
SCALE: 3/8" = 1'-0"



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

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

ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT WRITTEN AUTHORIZATION FROM THE ARCHITECT.

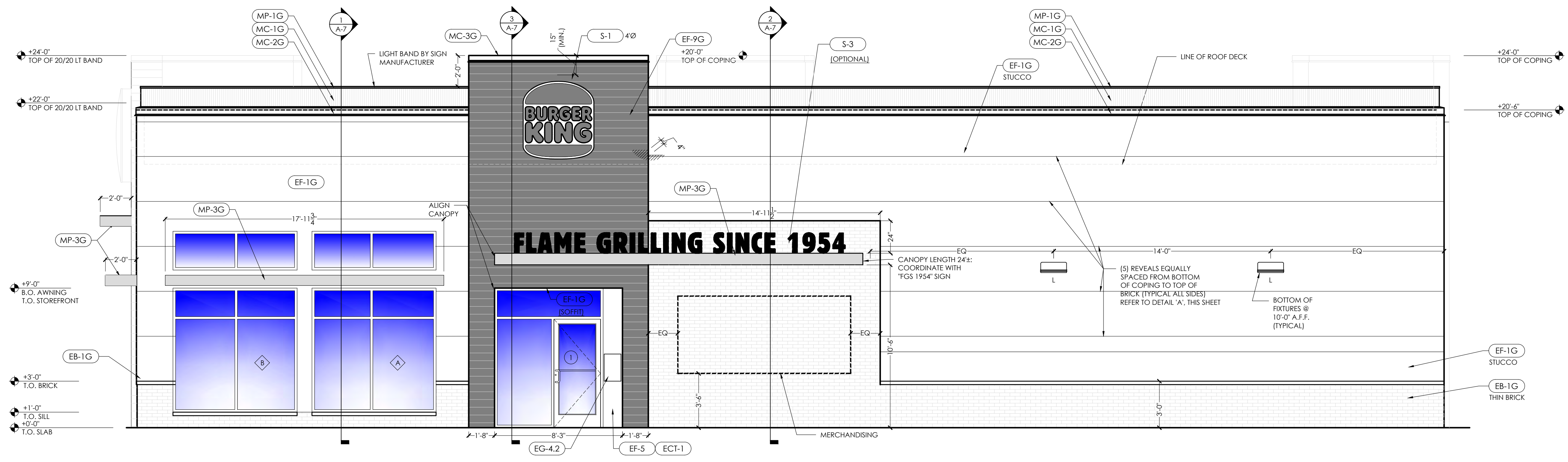


PROJECT BURGER KING 1440 NAPPAWEE ST. ELCHART, IN 46514	SHEET TITLE MISCELLANEOUS DETAILS
--	--------------------------------------

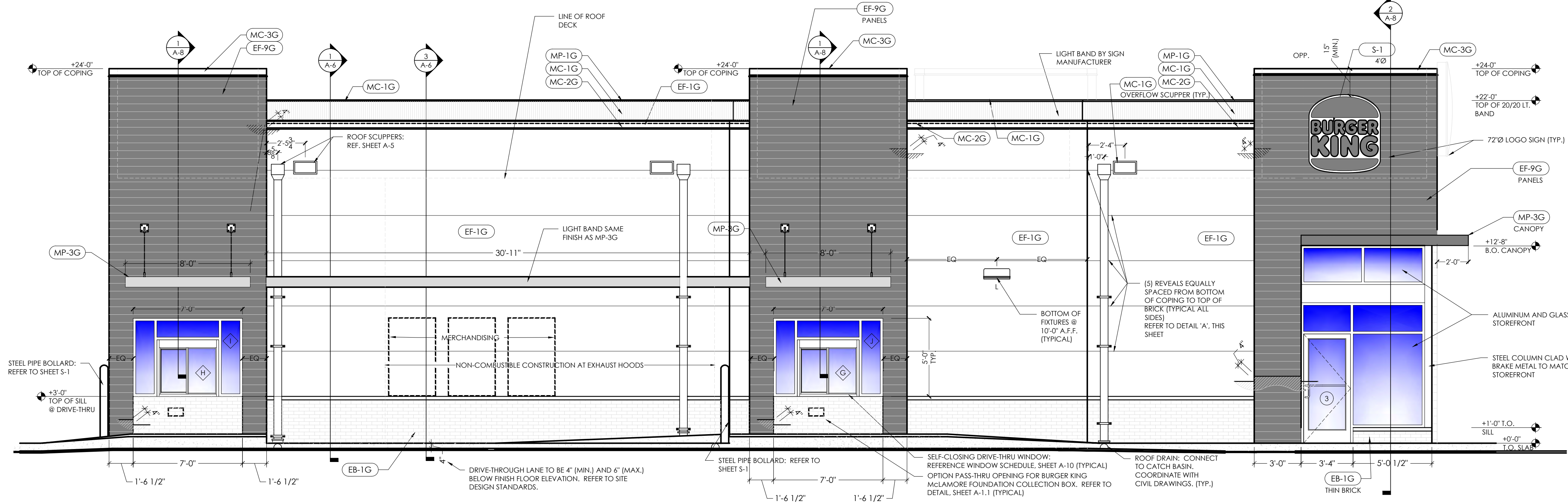
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

JOB #
TG-21668

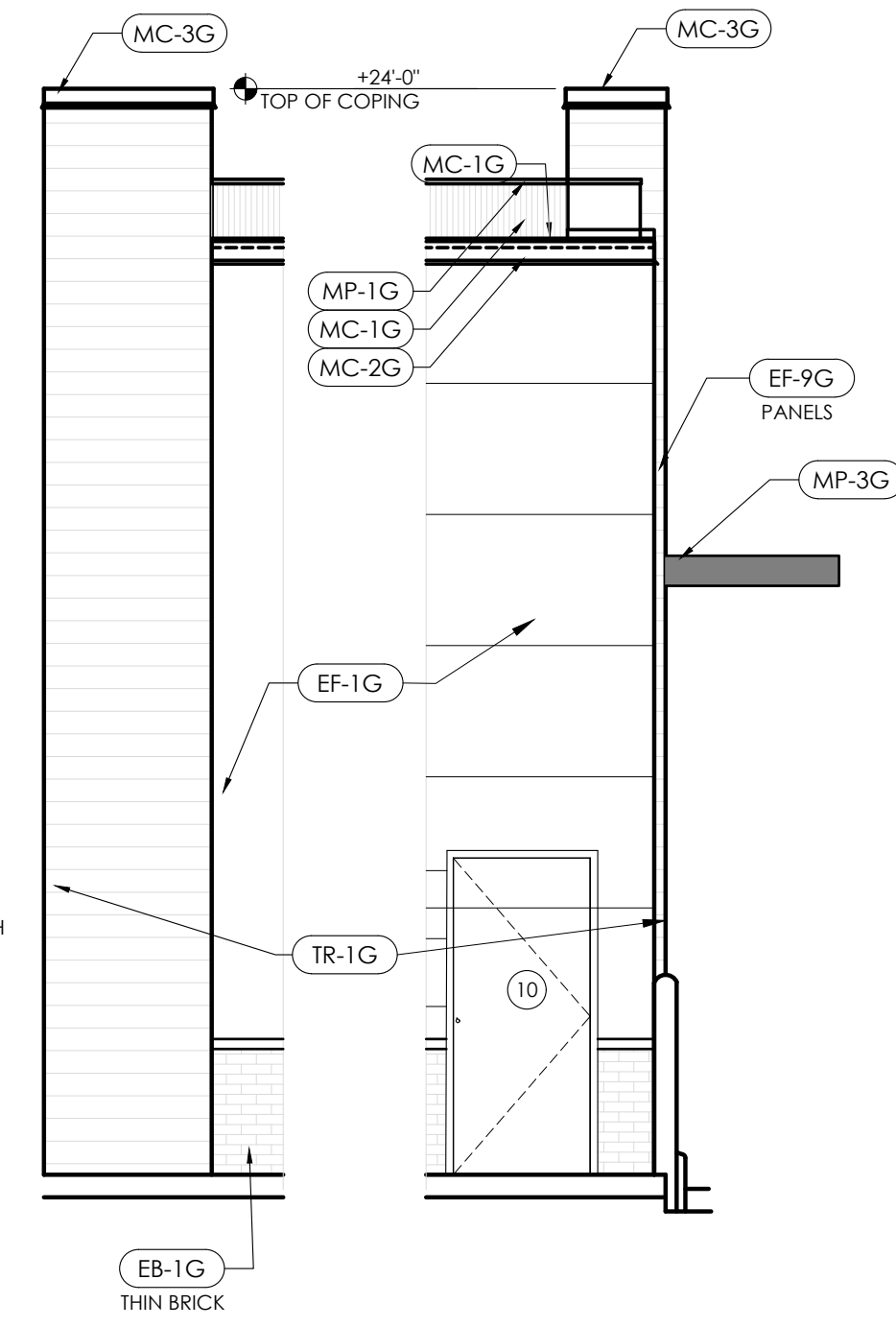
SHEET
A1.1



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"

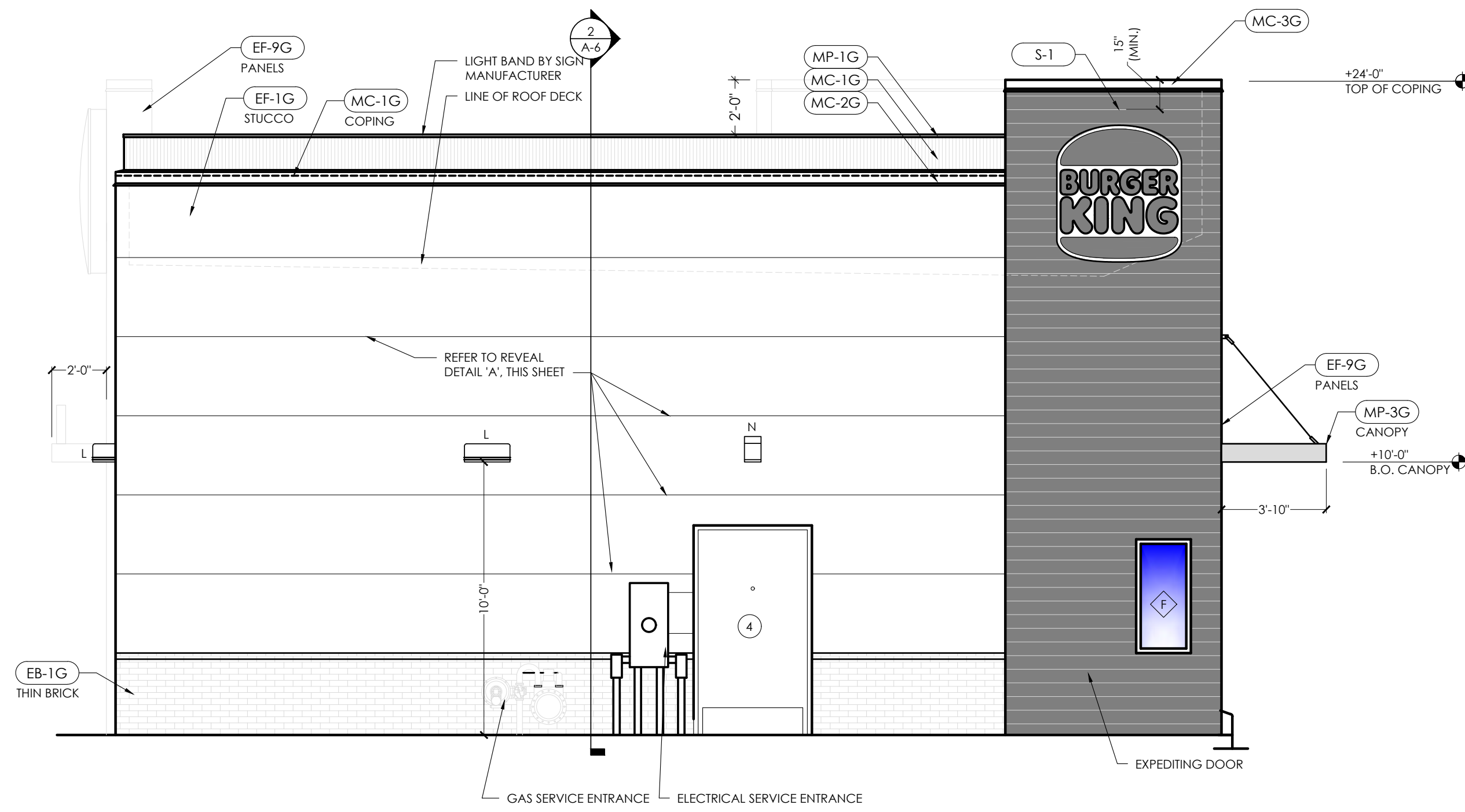
Notes	FOR SUBMITTAL TO CITY PLANNING
By	DB
Date	
No.	
Drawn By:	CP
Checked:	SB
Scale:	AS NOTED
Date:	---21



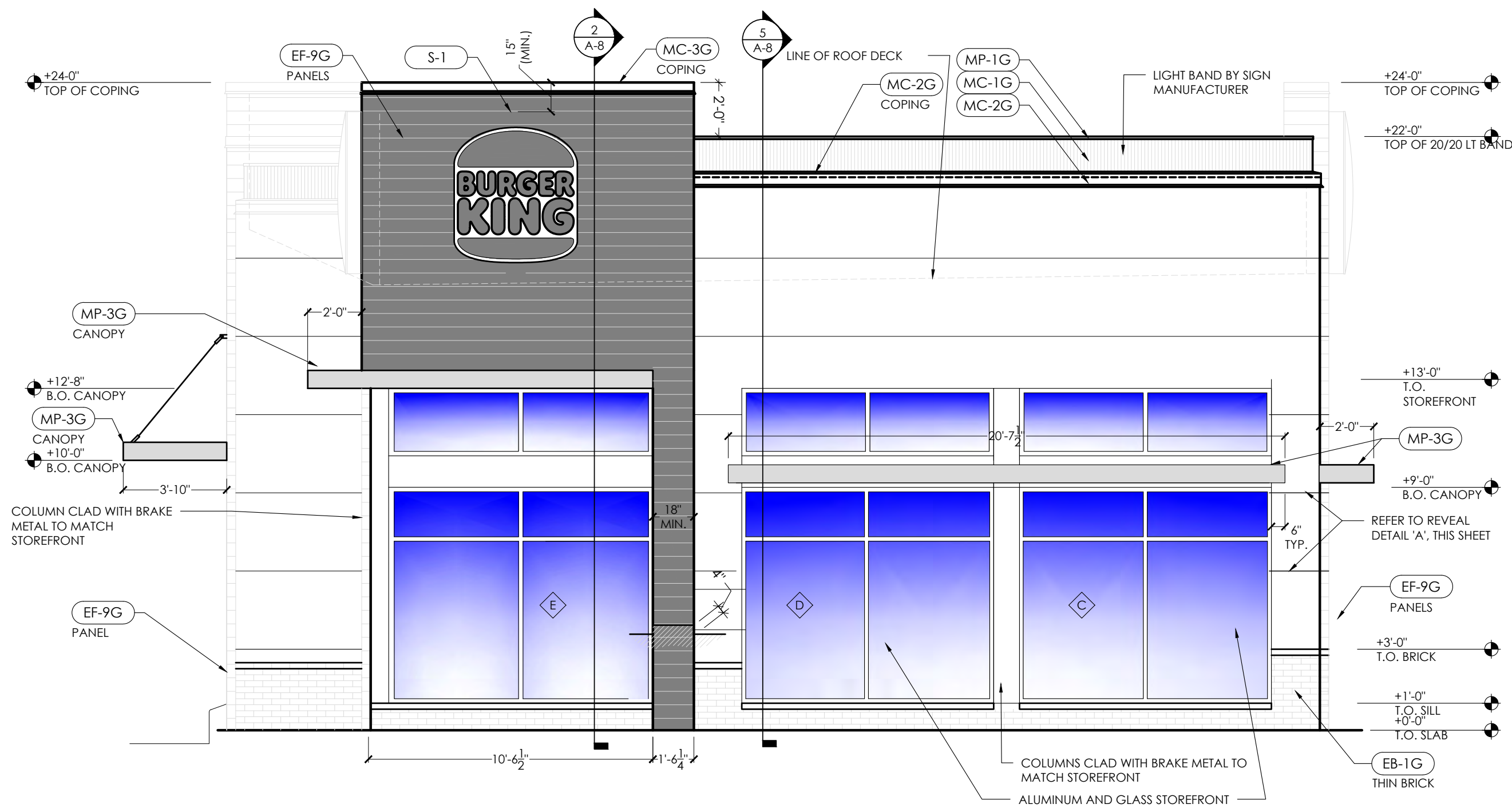
PROJECT	BURGER KING 1440 NAPPANEE ST. ELKHART, IN 46514
SHEET TITLE	EXTERIOR ELEVATIONS
JOB #	TG-21668
SHEET	A-2

DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

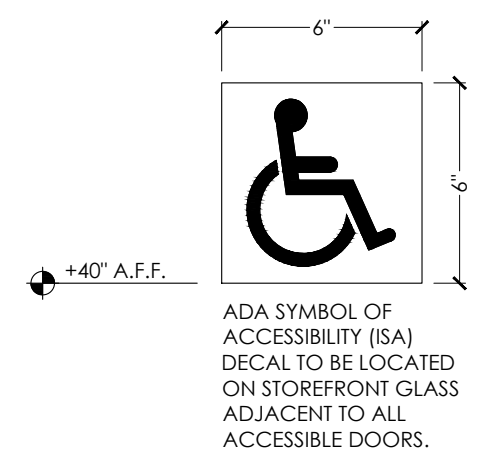
ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE ARCHITECT.



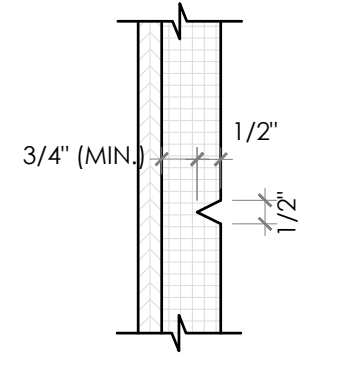
4 REAR ELEVATION
SCALE: 1/4" = 1'-0"



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

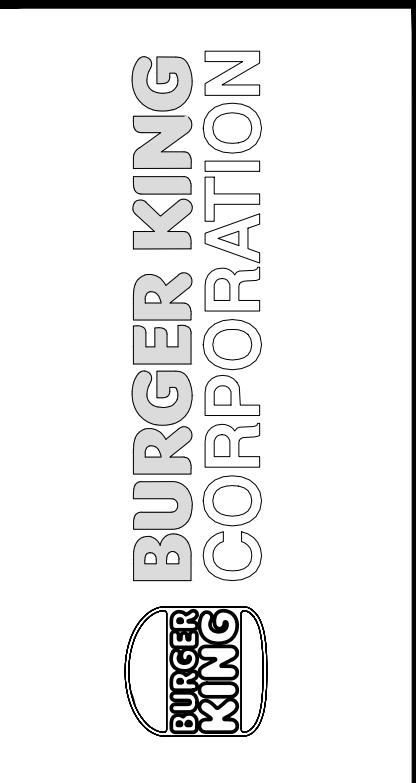


A WINDOW DECAL
SCALE: NONE



B EFIS HORIZ. REVEALS
SCALE: NO SCALE

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




TECHNICAL GROUP INC.
 37716 HILLS TECH DRIVE
 FARMINGTON HILLS, MI 48331
 P: (248) 426-8000 F: (248) 426-7000




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

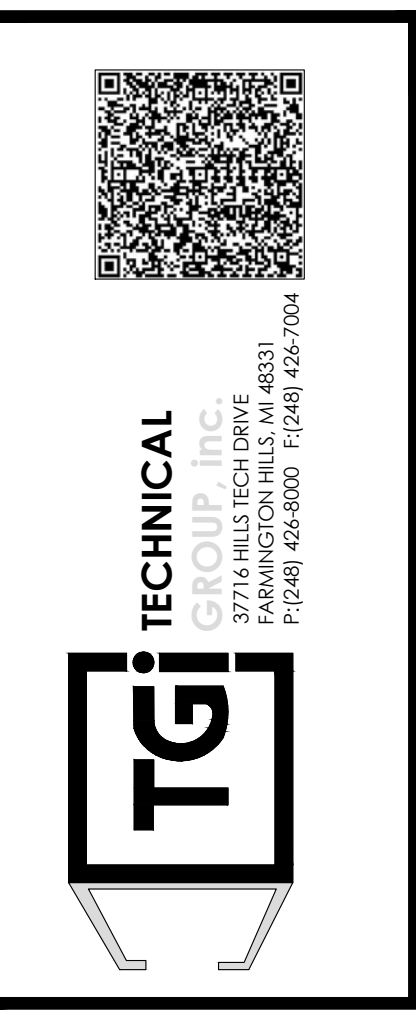
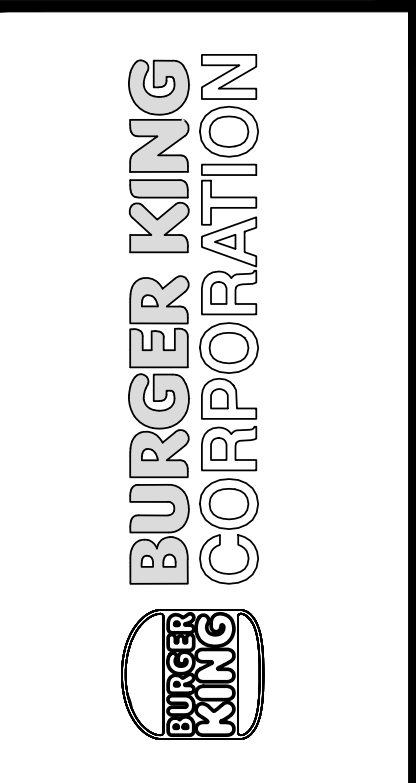
Burger King - 20/20 Garden Grill Exterior							
EXTERIOR MATERIALS & FINISH SCHEDULE (not all specs are used on every project)							
02/05/21							
CODE	MATERIAL	LOCATION	MANUFACTURER	PRODUCT	DESCRIPTION	ADDITIONAL INFORMATION	
					COLOR	DIMENSION	
EB-1G	EXTERIOR BRICK	GENERAL		EVOLUTION BRICK	MOD / QS TUMBLED (FULL BRICK)	OLDE HILLSBORO	
					(THIN BRICK)	SIERRA TUMBLED	
					PINE HALL BRICK	FACE BRICK	OLD IRVINGTON O/S
			H.C. MUDDOX BRICK	THIN BRICK	BK WEST COAST BLEND		
EB-1AG (ALTERNATE FOR EB-1G)	EXTERIOR FINISH FIBER CEMENT BRICK PANELS	GENERAL	NICHIHA FIBER CEMENT	NICHIHA CANYON BRICK PANELS	"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)	18" X 6"	
ECT-1G	EXTERIOR CERAMIC TILE	ACCENT AT BUILDING FRONT	GRANTI GIANDRE / EUROWEST	SENSIBLE STONE ED5052	"RED NATURAL" STACKED BOND PATTERN	12" X 24"	
ECT-18G	EXTERIOR CERAMIC TILE	INLINE RESTAURANTS ONLY	GRANTI GIANDRE / EUROWEST	ROVERE ANTICO LEGNI HIGH TECH	PAR 15334 "ROVERE" STACKED BOND PATTERN	6" X 36"	
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 EIPS SYSTEM	COLOR TO MATCH EP-2G PPG "DESERT DUNE"		
			NICHIHA FIBER CEMENT	NICHIHA TUFFBLOCK	PREPAINTED TO MATCH EP-2G - PPG "DESERT DUNE" STACKED BOND PATTERN	18" X 6"	
EF-4G	EXTERIOR FINISH STUCCO	GENERAL	STO OR APPROVED EQUAL	STO POWERWALL STUCCO SYSTEM	COLOR TO MATCH EP-4G PPG "GRANITE"		
EF-8G (ALTERNATE FOR EF-9G)	EXTERIOR FINISH STONE	EXTERIOR SIGN ARCHONS	BORAL STONE PRODUCTS	COUNTRY LEDGESTONE	"ASPEN"		
EF-9G	EXTERIOR FINISH FIBER CEMENT	EXTERIOR SIGN ARCHONS	NICHIHA FIBER CEMENT	VINTAGE WOOD EF762	"CEDAR"	18" X 10"	
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: 6-2045XI	"DESERT DUNE" 1023-4, former "TANNERS TAUPE" PPG1023-4		
EP-4G	EXTERIOR PAINT	EXTERIOR WAINSCOT		PRIMER: 17-921 PAINT: 6-2045XI	"GRANITE" 1022-6, former "MONTERREY CLIFFS" 10Y 14/080		
EP-6G	EXTERIOR PAINT	LOGO SIGN CABINETS & BURGER KING CHANNEL LETTER CABINETS		PRIMER: 6-212 PAINT: 6-230	"STEPPING STONE" 1010-4, former "BURGER KING SILVER" Custom Formula		NOTE: FOR REMODELS ONLY NOT FOR USE ON ROOFS. SEE EP-6AG & EP-6BG
EP-6AG	EXTERIOR PAINT	EXISTING MANSARD ROOFS, SHINGLES & BARREL TILE		PRIMER: 17-921 PAINT: 90-1110	"DOVER GRAY" 1001-1, former "GRYMMYS GREY" 00NH 20/000		NOTE: BY EXCEPTION FOR REMODELS ONLY
EP-6BG	EXTERIOR PAINT	EXISTING STANDING SEAM METAL ROOF		PRIMER: 90-712 PAINT: 90-1110	"GRAY STONE" 1009-4, former "MARCH WIND" Custom Formula		NOTE: BY EXCEPTION FOR REMODELS ONLY
EP-8BG	EXTERIOR PAINT	METAL COPING AT ARCHON TOWERS		PRIMER: 17-921 PAINT: 6-2045XI	"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" "TAUPE TONE" SW 7633		Contact: GLENN REMLER, ARCHITECTURAL ACCOUNT EXECUTIVE phone: (954) 547-1217 email: Glenn.J.Remler@Sherwin.com
EP-2G	EXTERIOR PAINT	EXTERIOR GENERAL		PRIMER: Loxon Concrete & Masonry A24W300 PAINT: Superpaint Ext Satin A89 Series Satin	"HOMESTEAD BROWN" SW 7515		
EP-4G	EXTERIOR PAINT	EXTERIOR WAINSCOT		PRIMER: Loxon Concrete & Masonry A24W300 PAINT: Superpaint Ext Satin A89 Series Satin	FACTORY FINISH SILVER		NOTE: FOR REMODELS ONLY NOT FOR USE ON ROOFS.
EP-6G	EXTERIOR PAINT	LOGO SIGN CABINETS & BURGER KING CHANNEL LETTER CABINETS		PRIMER: Kem Bond HS B50A28 PAINT: Silver Brite B59S11	"WESTCHESTER GRAY" SW 2849		NOTE: BY EXCEPTION FOR REMODELS ONLY
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	"MARCH WIND" Custom Formula		NOTE: BY EXCEPTION FOR REMODELS ONLY
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	"CEDAR" 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	FACTORY FINISH BLACK		
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 TO MATCH SW 6075 "GARRET GRAY"			
EXT-2G	EXTERIOR PAINT	SIGNS	PRIMER: Pro Industrial Pro-Cryl Primer B66-310 PAINT: Pro Industrial High Performance Acrylic B66-600 Gloss				
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	METAL COPING	PARAPET LIGHT BAND	LEKTRON *SEE APPROVED SIGN SUPPLIERS	LED LIGHT BAND		*SEE PLANS	
MP-3G	METAL CANOPY	ABOVE DOORS AND WINDOWS	*SEE APPROVED CANOPY SUPPLIERS	CUSTOM METAL CANOPY	COLOR: CLEAR ANODIZED	*SEE PLANS	

NO.	DATE	BY	REVISION
1			
2			
3			
4			
5			

Drawn By: cp
Checked: SB
Scale: AS NOTED
Date: --/--/21

FOR SUBMITTAL TO CITY PLANNING

ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT THE SPECIFIC WRITTEN AUTHORIZATION FROM THE ARCHITECT.



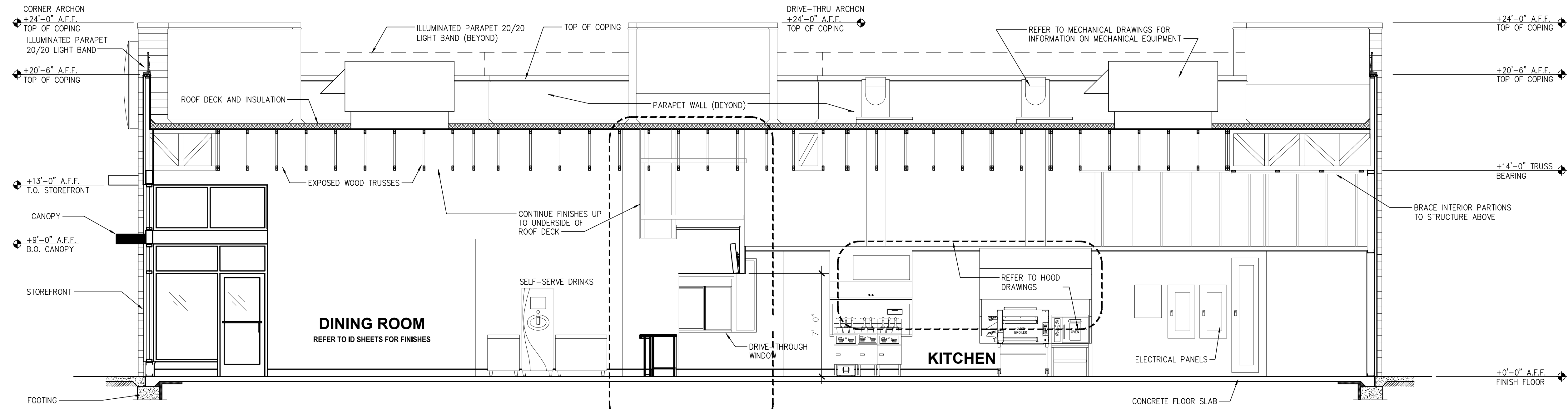
PROJECT: BURGER KING 4400 WAPPAWAMUSSET, ELKHART, IN 46514

SHEET TITLE: EXTERIOR FINISH SCHEDULE

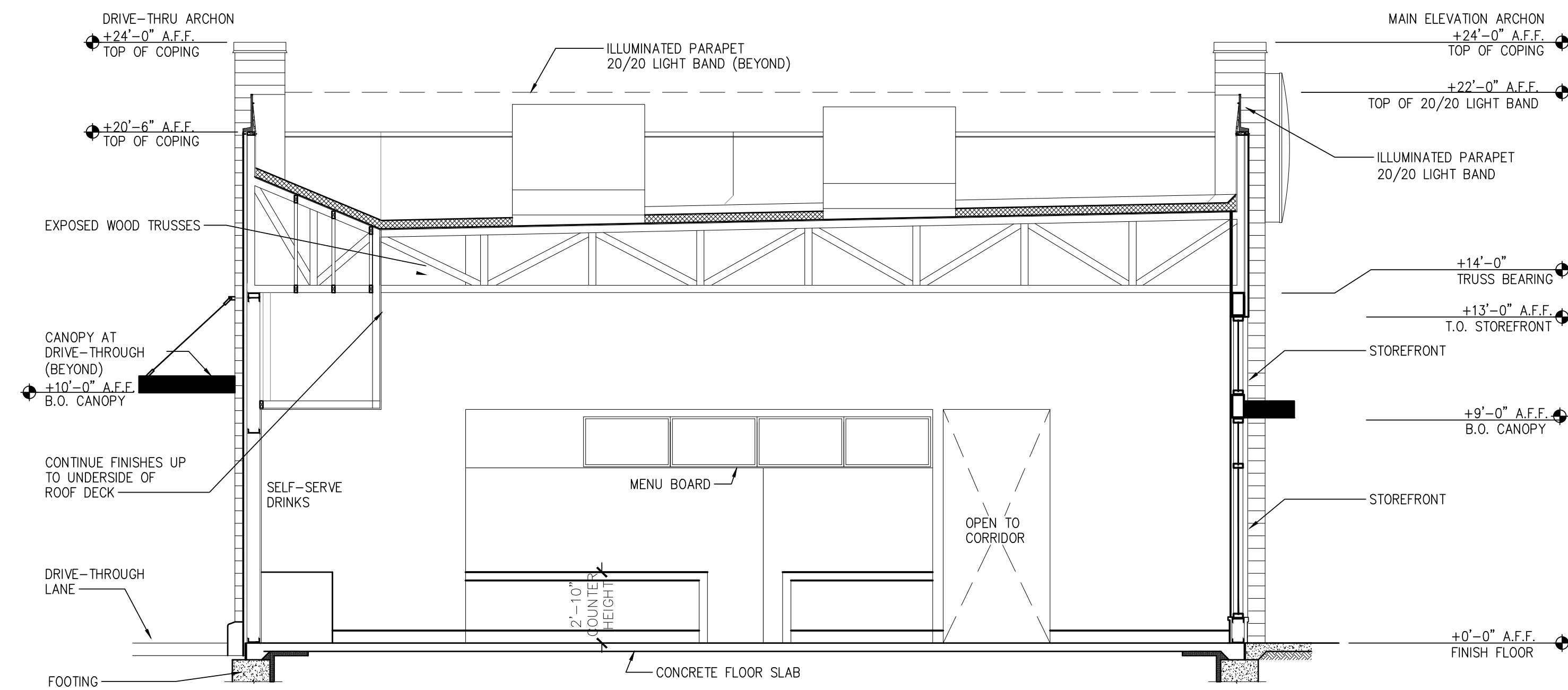
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

JOB # TG-21668

SHEET A-2.2



1 BUILDING SECTION
SCALE: 1 / 4" - 1'-0"
EXTERIOR/INTERIOR FINISHES NOT SHOWN



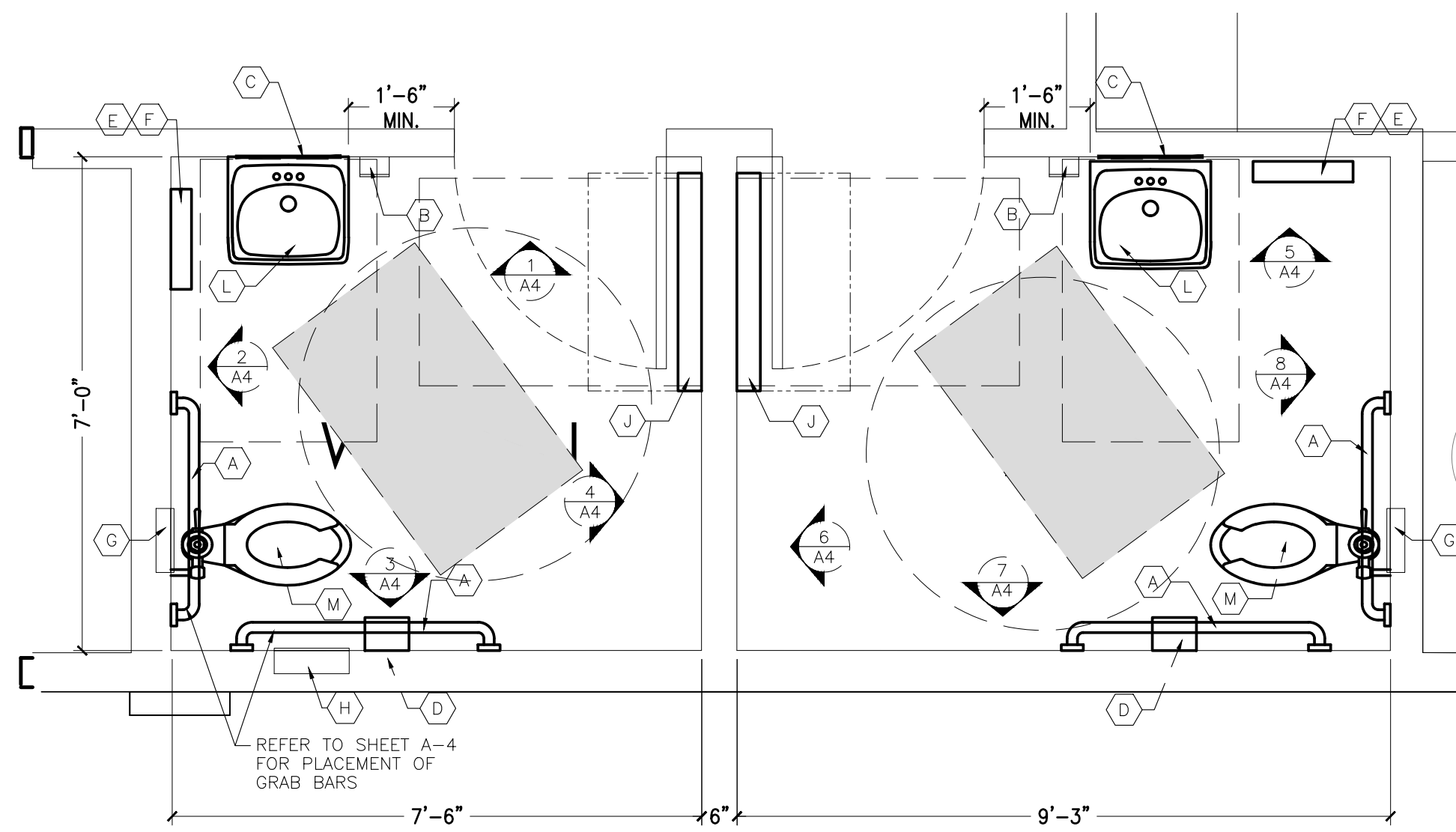
2 BUILDING SECTION
SCALE: 1 / 4" - 1'-0"
EXTERIOR/INTERIOR FINISHES NOT SHOWN

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

ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT WRITTEN AUTHORIZATION FROM THE ARCHITECT.

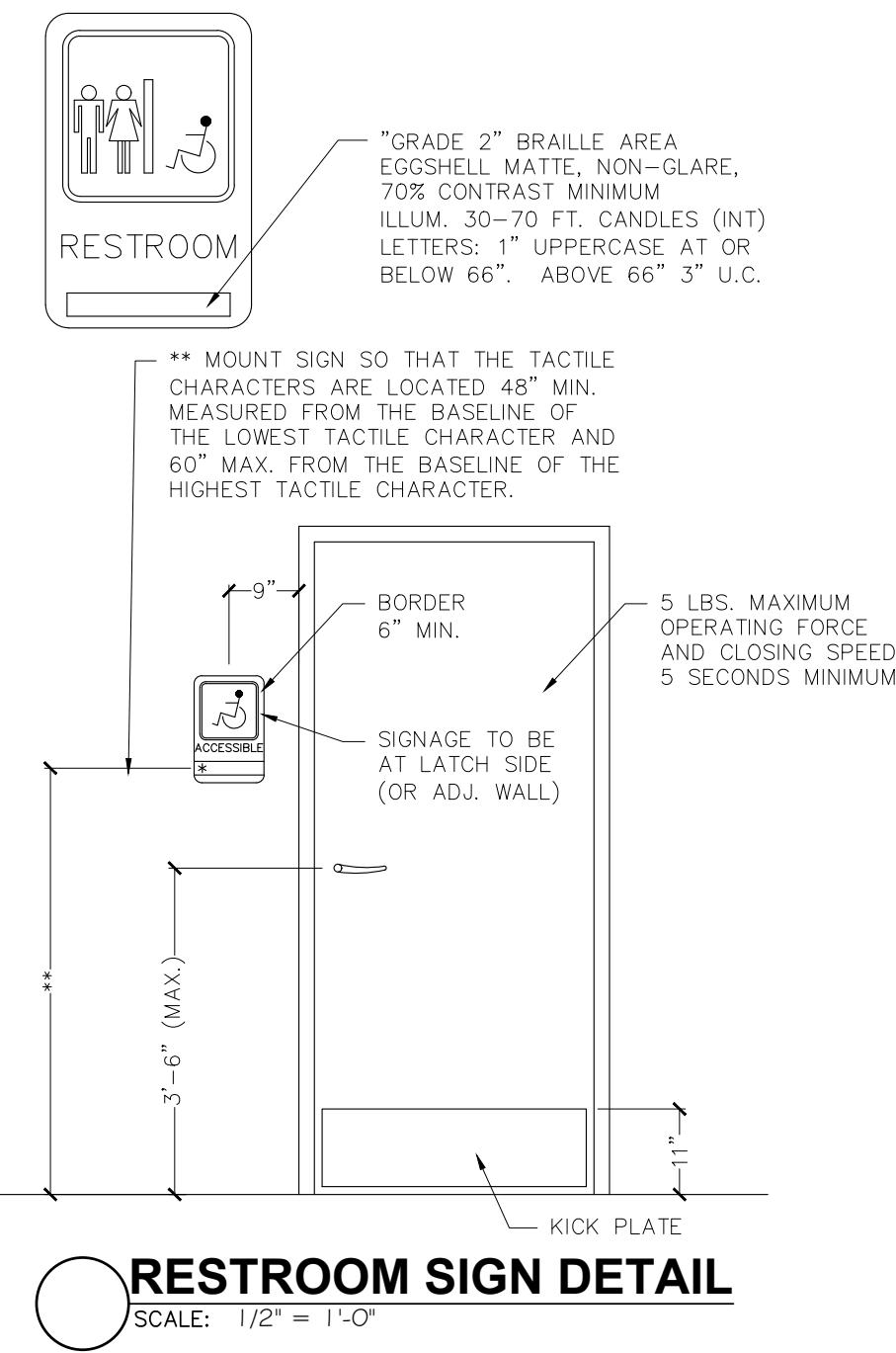


PROJECT BURGER KING 1440 NAPPANEE ST. ELCHART, IN 46514	SHEET TITLE BUILDING SECTIONS
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.	
JOB # TG-21668	
SHEET A-3	



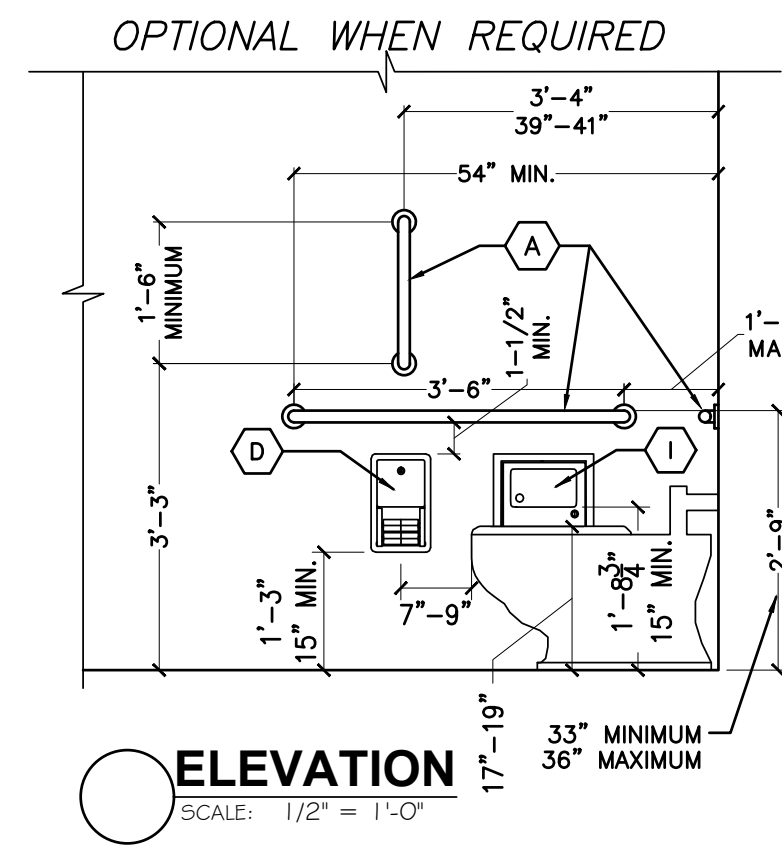
RESTROOM PLAN

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 PROTECT FROM CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.

RESTROOM / KITCHEN ACCESSORIES:

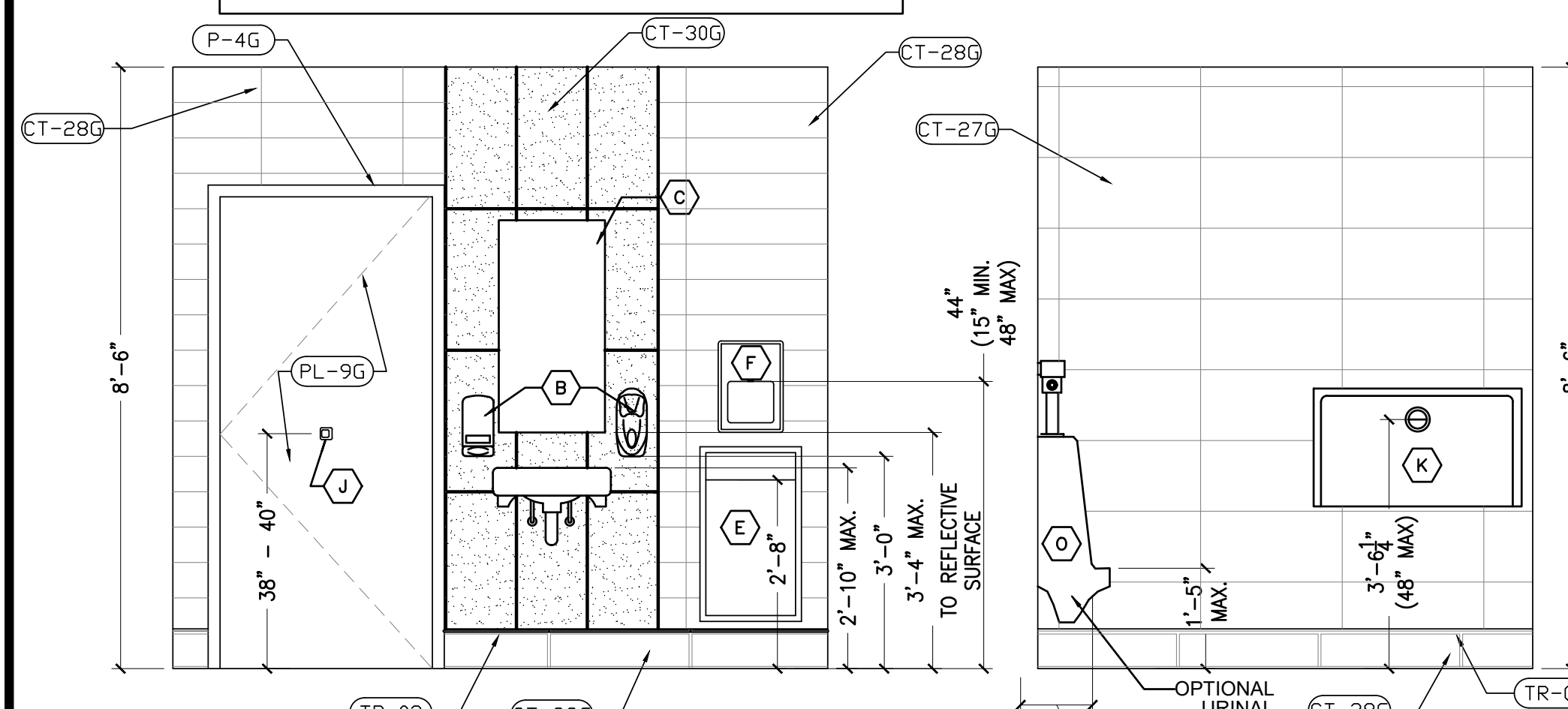
- A GRAB BAR: BOBRICK 250 LBF. MINIMUM 33" MIN. TO 36" MAX. HEIGHT TO THE TOP OF THE GRIPPING SURFACE. PROVIDE THE REQUIRED QUANTITY AND LENGTH AS INDICATED ON THE DRAWINGS OR AS REQUIRED BY THE GOVERNING CODE. THE BAR SHALL BE 1-1/2" IN DIAMETER AND MOUNTED WITH 1-1/2" CLEARANCE FROM THE WALL.
- B WALL MOUNTED SOAP DISPENSER AND HAND SANITIZER DISPENSER (36" MAX. HEIGHT) SUPPLIED BY "ECOLAB" AND INSTALLED BY THE G.C. NOTE: SOAP AND HAND SANITIZER DISPENSERS TO BE PROVIDED AT EACH KITCHEN HANDSINK.
- C MIRROR: (BOTTOM OF REFLECTIVE SURFACE AT 40" MAXIMUM HEIGHT) MODEL B-165-1836 (18"x36") STAINLESS STEEL CHANNEL FRAME MIRROR WITH 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 SUPPLIED BY NORTH AMERICAN CORPORATION.
- E PAPER WASTE RECEPTACLE: (REQUIRED) MODEL B-3644 AS MANUFACTURED BY BOBRICK OR APPROVED EQUIVALENT. (ROUGH OPENING 17-3/16"W x 30-5/8"H x 8-1/8"D MIN.)
- F ELECTRIC HAND DRYER: ASI ROVAL SERIES AUTOMATIC TOUCH-FREE SENSOR HAND DRYER. MODEL: ASI ROVAL 20199 NOTE: HAND DRYER TO BE INSTALLED AT A MAXIMUM HEIGHT OF 48" FROM FINISH FLOOR ELEVATION TO TOP OF SENSOR OR PER ADA REQUIREMENTS. NOTE: PROVIDE PAPER TOWEL DISPENSER "SAN JAMAR" MODEL #T-1490BK 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 OAK (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 EACH RESTROOM DOOR FOR SINGLE OCCUPANCY RESTROOMS AND EACH RESTROOM STALL DOOR FOR MULTIPLE OCCUPANCY RESTROOMS. MOUNT AT 38"-40" A.F.F. FOR ADA 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 #KB150-99 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 LAVATORY FAUCET, CHROME-PLATED FINISH
- M WATER CLOSET: AMERICAN STANDARD - MADERA FLOWISE 15" HEIGHT ELONGATED FLUSHOMETER TOILET, SUPPLIER - HAINES JONES & CADBURY
- N WATER CLOSET- ADA: AMERICAN STANDARD - MADERA FLOWISE 16 1/2" HEIGHT 1.6 GPF FLUSHOMETER 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 OAK

(OPTIONAL) BOBRICK 1080/1180 DURALINE SERIES #EO-09 COLOR: BLACK OR 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.

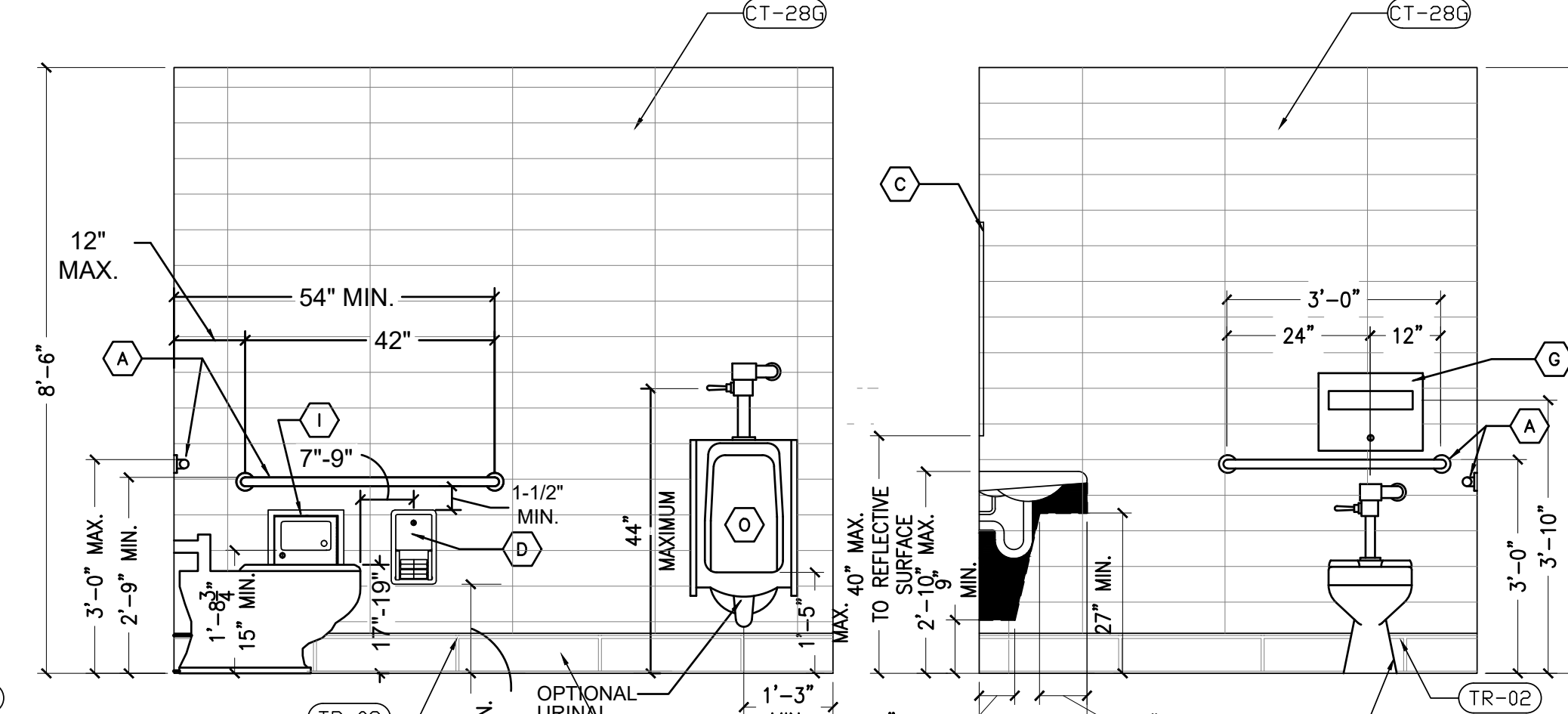


1 ELEVATION

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

2 ELEVATION

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

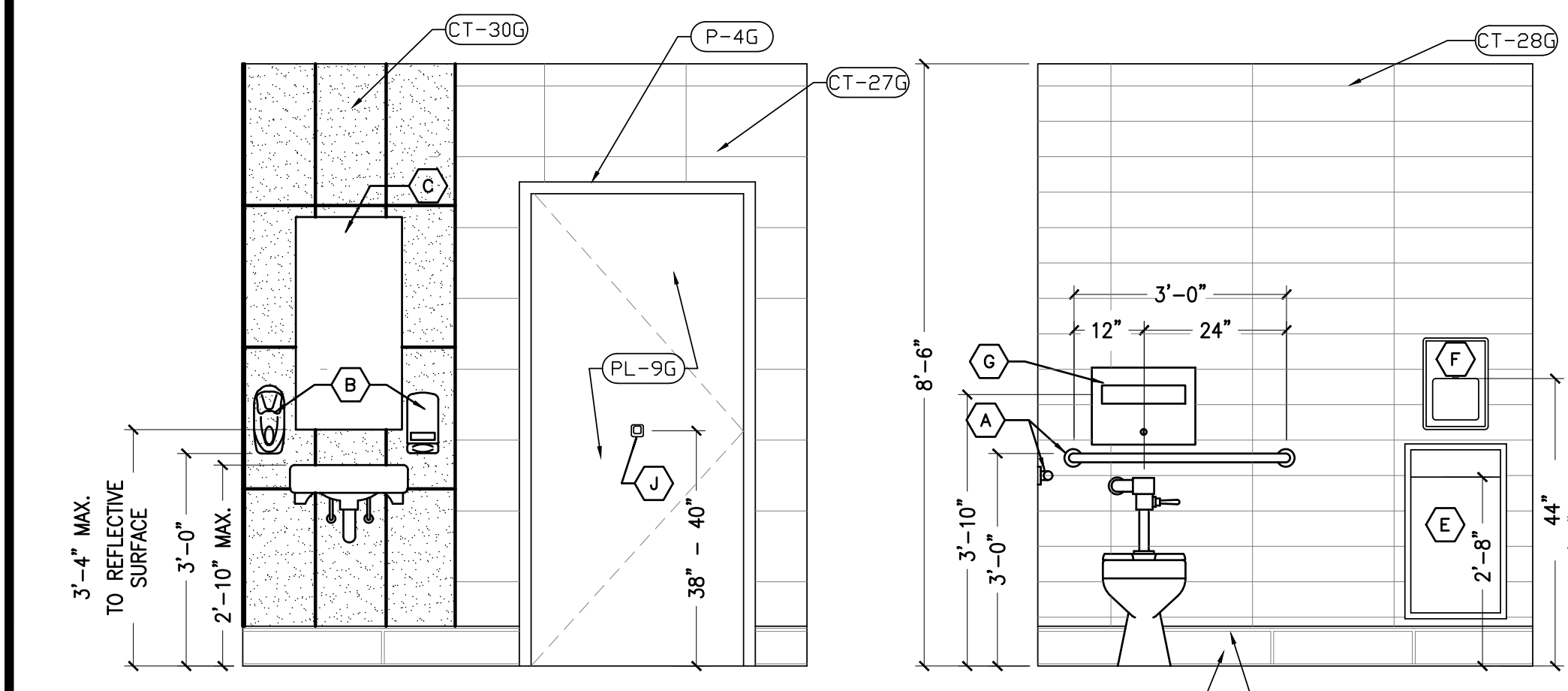


3 ELEVATION

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

4 ELEVATION

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

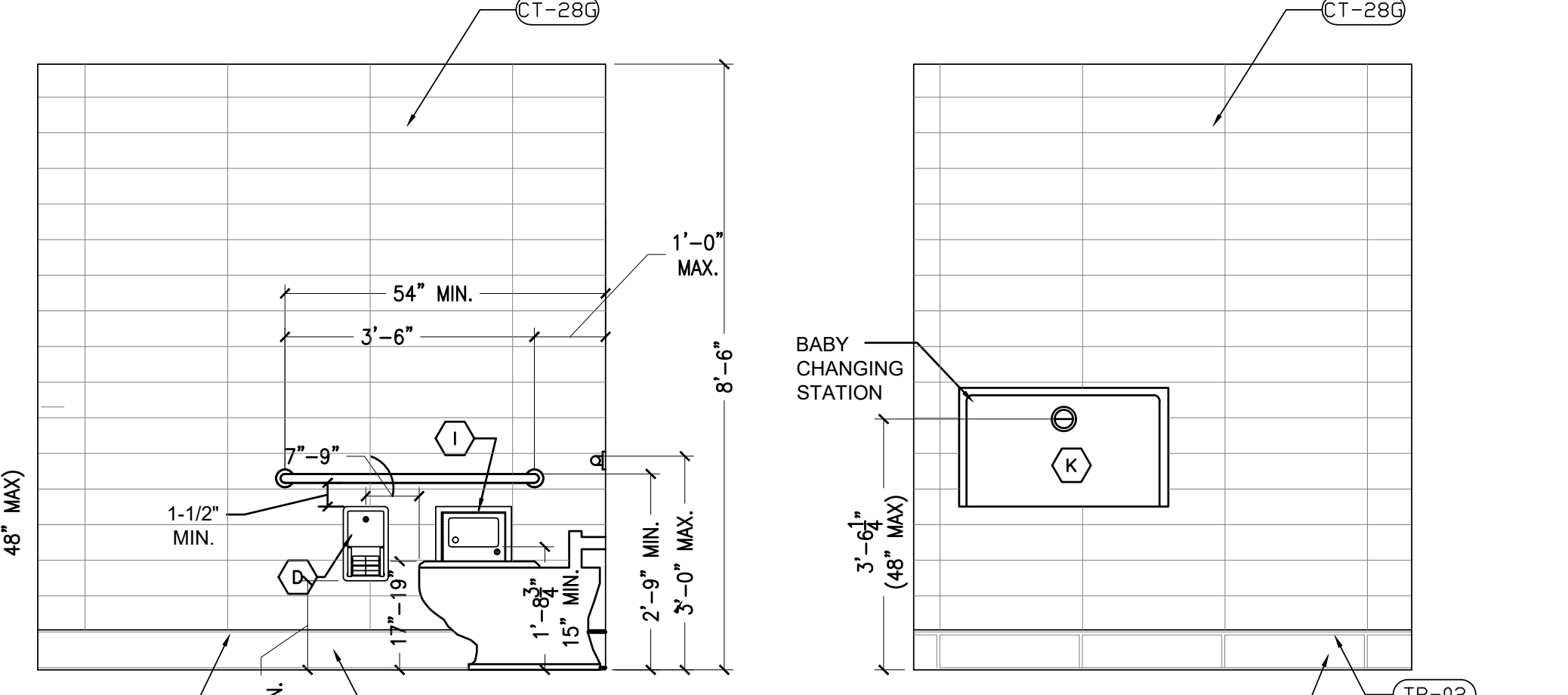


5 ELEVATION

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

6 ELEVATION

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



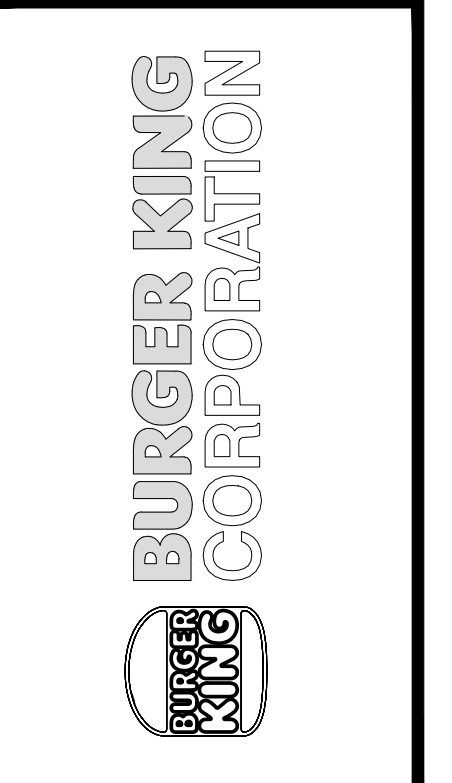
7 ELEVATION

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

8 ELEVATION

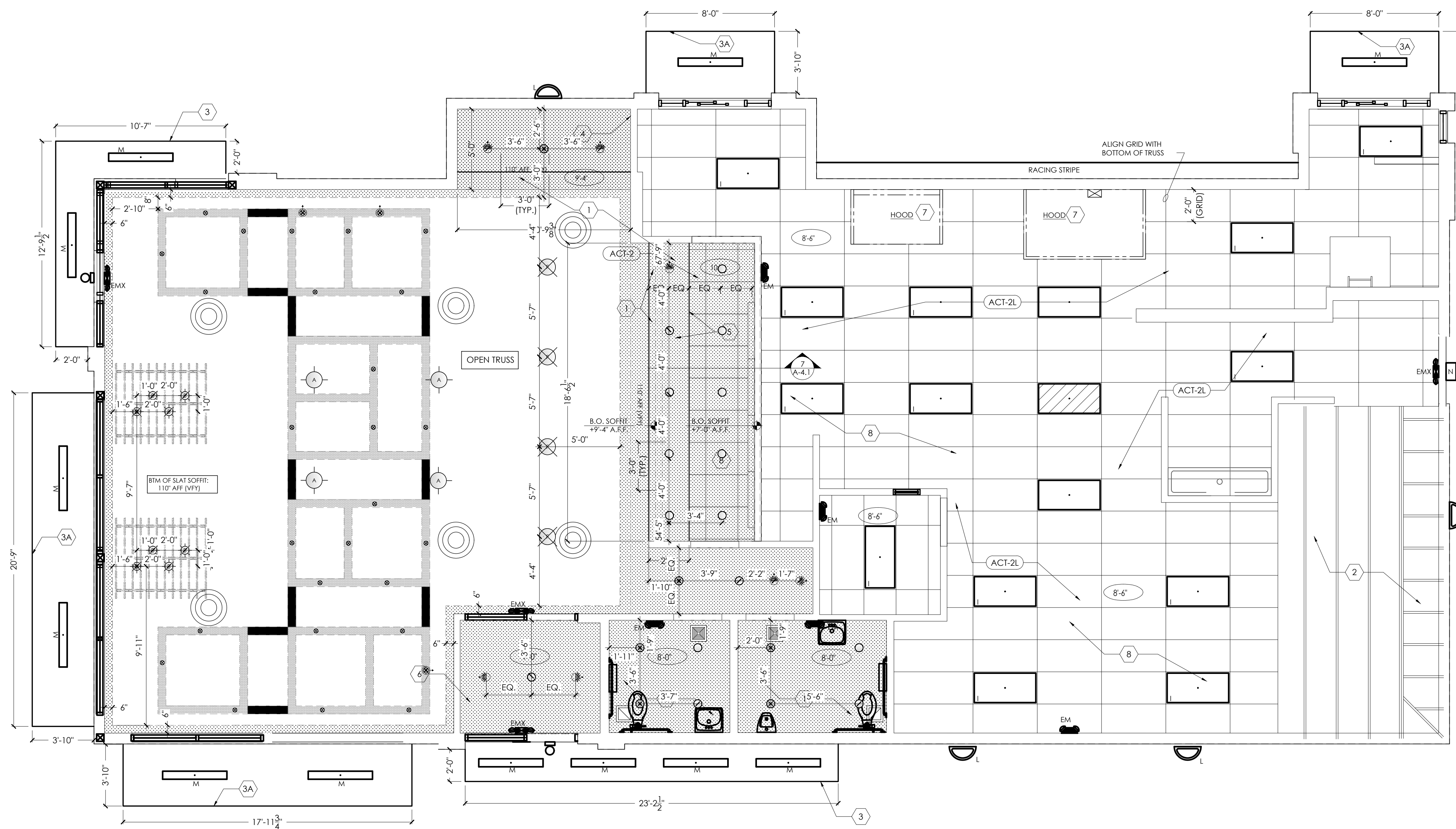
SCALE: 1/2" = 1'-0"

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

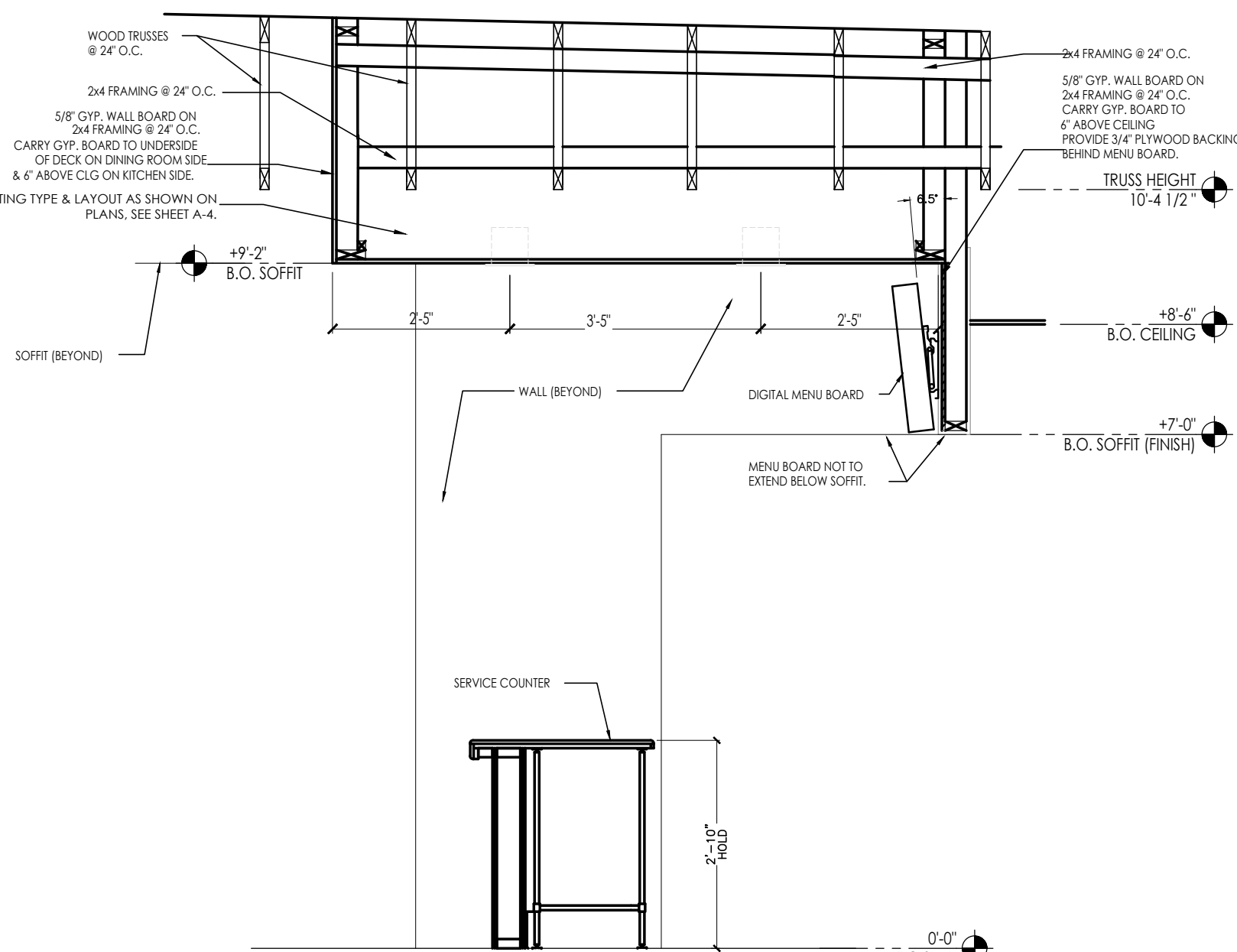


PROJECT	BURGER KING 1440 NAPPANEE ST. ELCHART, IN 46514
SHEET TITLE	PROPOSED RESTROOM ELEVATIONS AND DETAILS
JOB #	TG-21668
SHEET	A-3.1

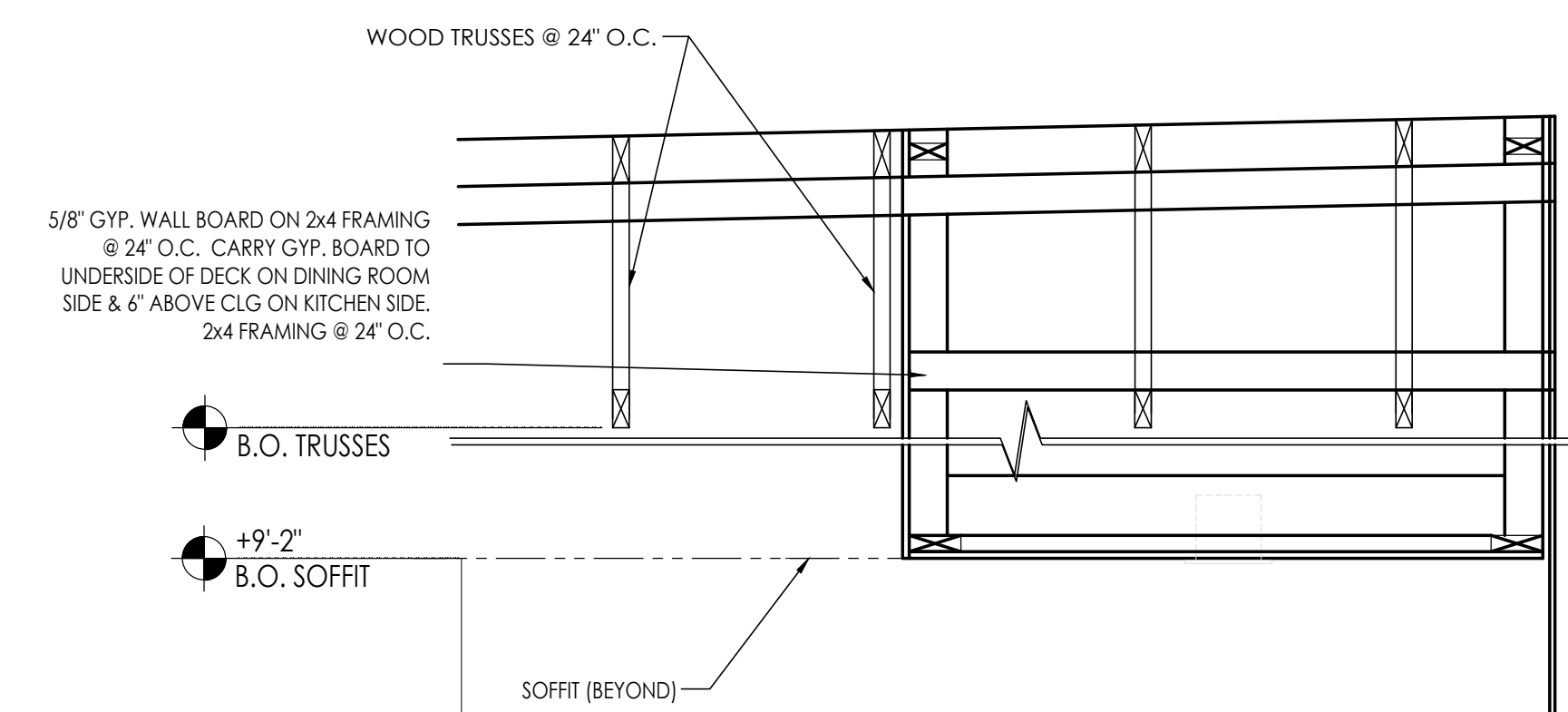
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.



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



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



3 DRINK STATION 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-NIL ACCOUNTS MANAGER (407) 697-6768 LJJOHN@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 EGG SHELL PPG 6-2 STONESMITH
P-5G LOCATION: MANUFACTURER: COLOR:	GYP. CEILINGS CORRIDOR SOFFIT AND RESTROOMS PPG 6-441 EGG SHELL WHITE ON WHITE
P-4G LOCATION: MANUFACTURER: PRIMER: COLOR:	GYP. CEILINGS OPEN CEILING PPG 6-417 SPEEDHIDE ZERO INT. VOC LATEX EGG SHELL CABIN FEVER
P-15G 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 OMINOVA SOLUTIONS SURF(X) 3D LAMINATES ON SUNTRAIT ALMOND CHERRY DUSTIN SMITH (314) 489-2374 DUSTIN.SMITH@OMNOVA.COM

GENERAL NOTES:

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

KEYED NOTES:

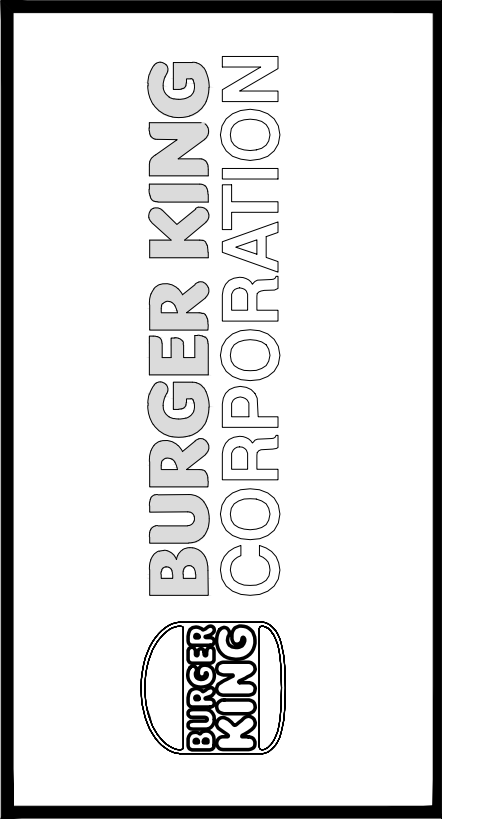
- 1 GYPSUM BOARD CEILING/SOFFIT
- 2 EXPOSED TRUSSES ABOVE WALK-IN BOX. REFER TO W.B. DRAWINGS FOR INTERIOR LIGHT FIXTURES
- 3 PREFABRICATED METAL CANOPY
- 4 STAINLESS STEEL SERVICE CHASE
- 5 MENU BOARD AND HEADER. REFERENCE DTL 7/A-4.1
- 6 SOFFIT ABOVE ENTRY.
-CEILING PAINT TO MATCH INTERIOR CEILING IF VESTIBULE IS ENCLOSED.
-CEILING PAINT TO BE EP-2G IF VESTIBULE IS OPEN. [REFER TO EXTERIOR FINISH SCHEDULE]
- 7 MECHANICAL EXHAUST HOOD ABOVE
- 8 SUSPENDED ACOUSTICAL TILE CEILING. REFER TO FINISH SCHEDULE.
- 9 EXPOSED WOOD TRUSSES TO BE PAINTED. REFER TO ID SHEETS FOR COLOR.
- 10 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 SCENCE (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

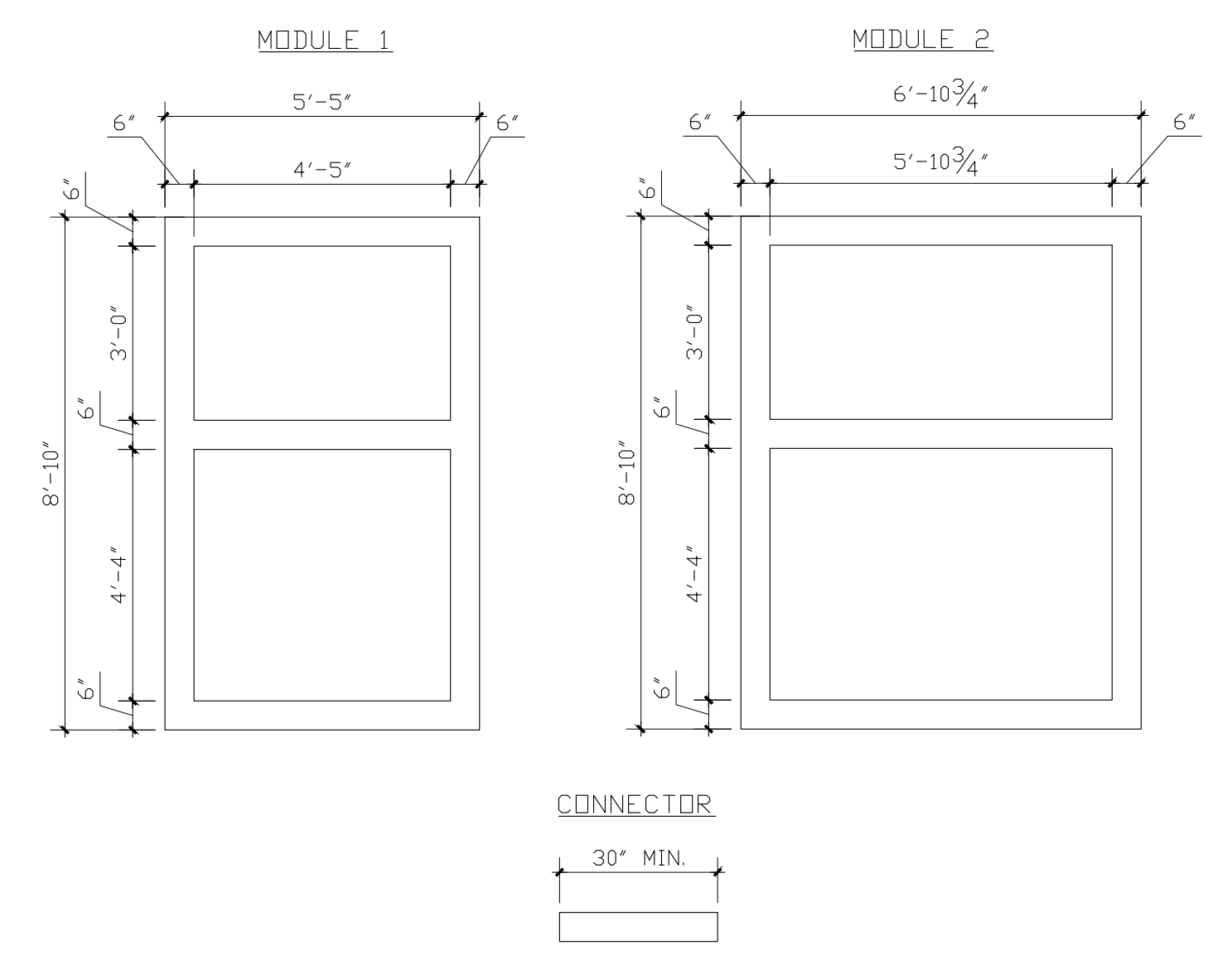
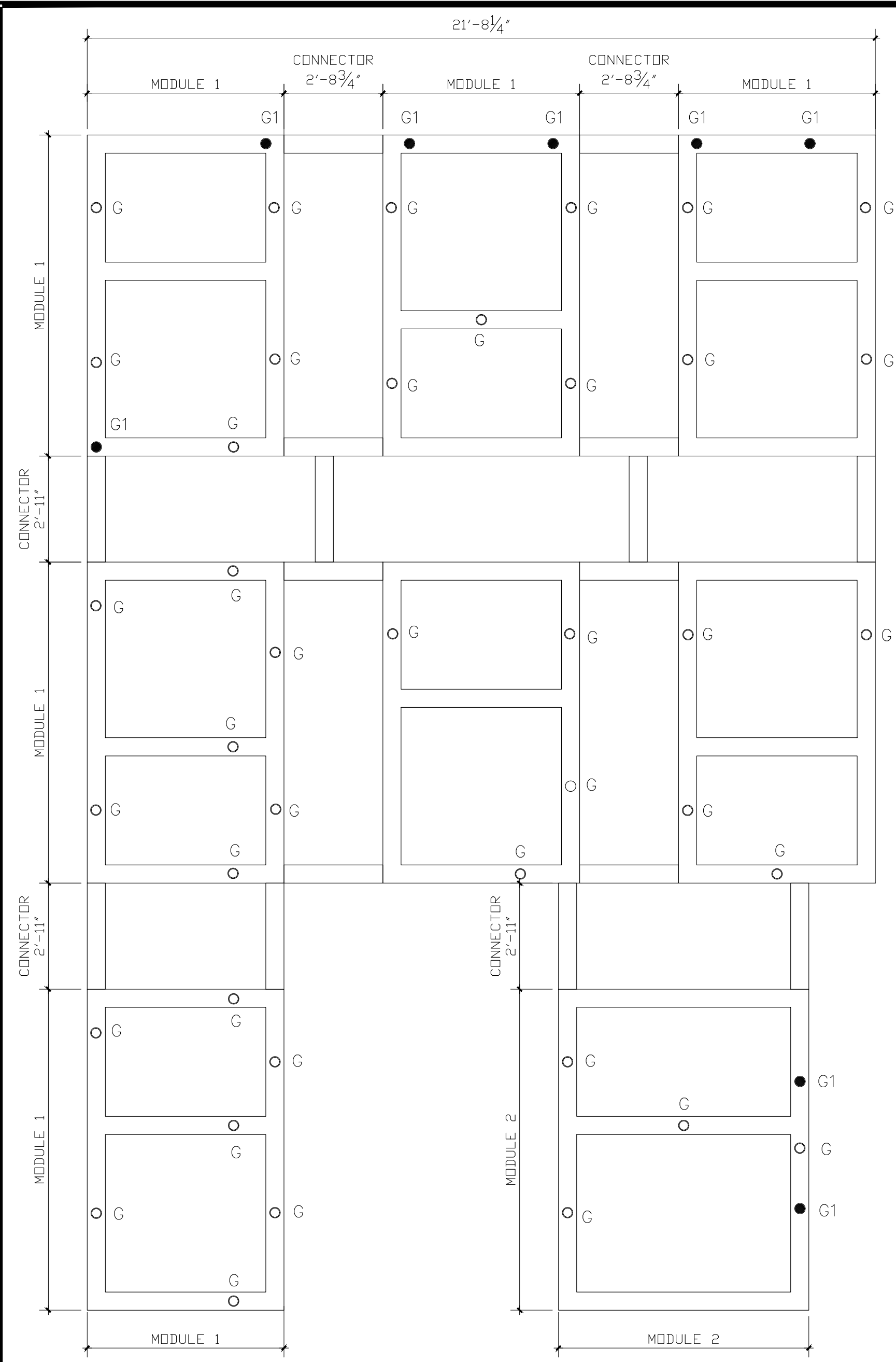
REF. SHEET M-1 FOR SPECIFICATIONS

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

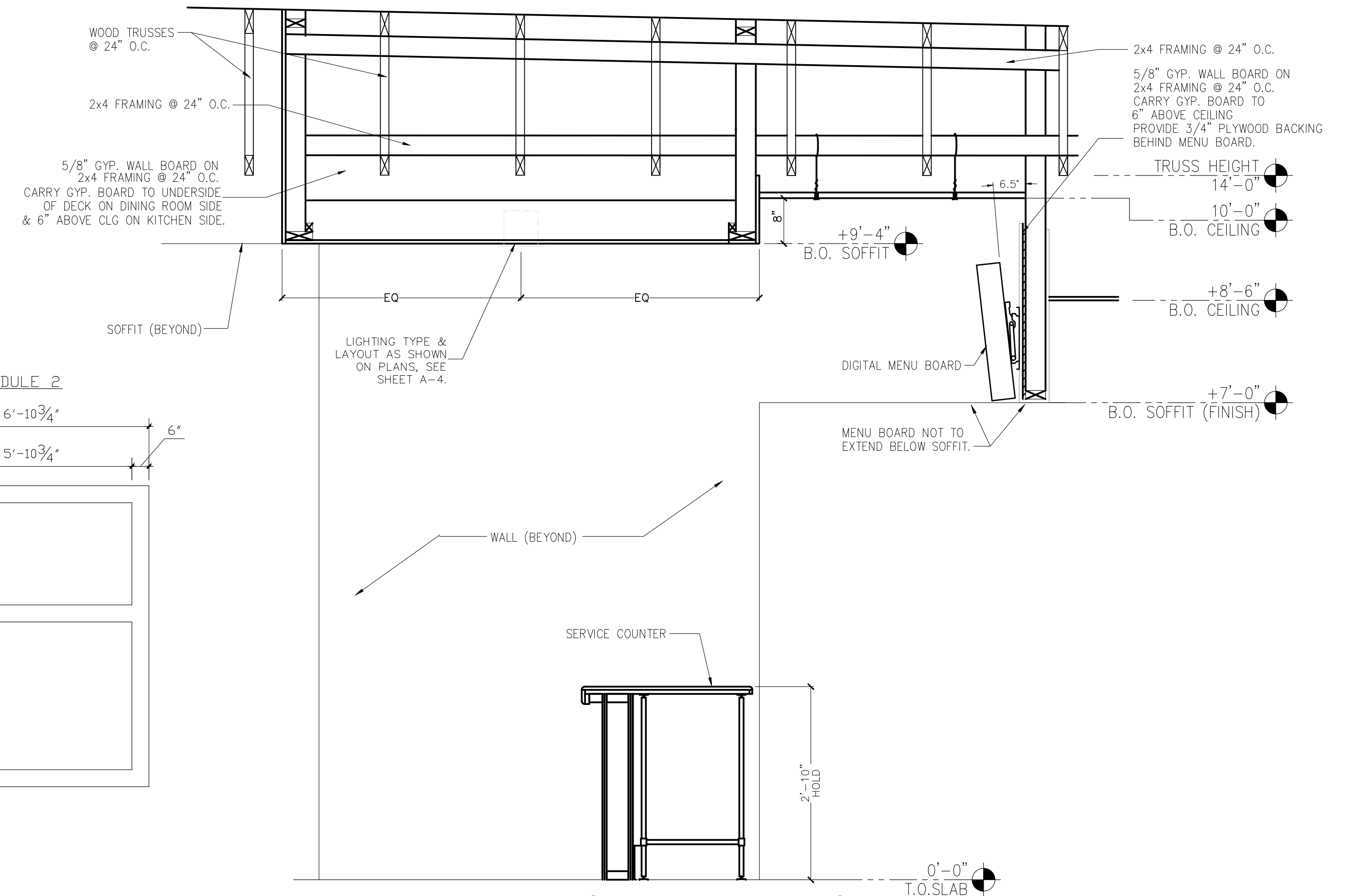


PROJECT	BURGER KING 1440 WAPPANEES ST. ELMHART, IN 46514
SHEET TITLE	REFLECTED CEILING PLAN
JOB #	TG-21668
SHEET	A-4

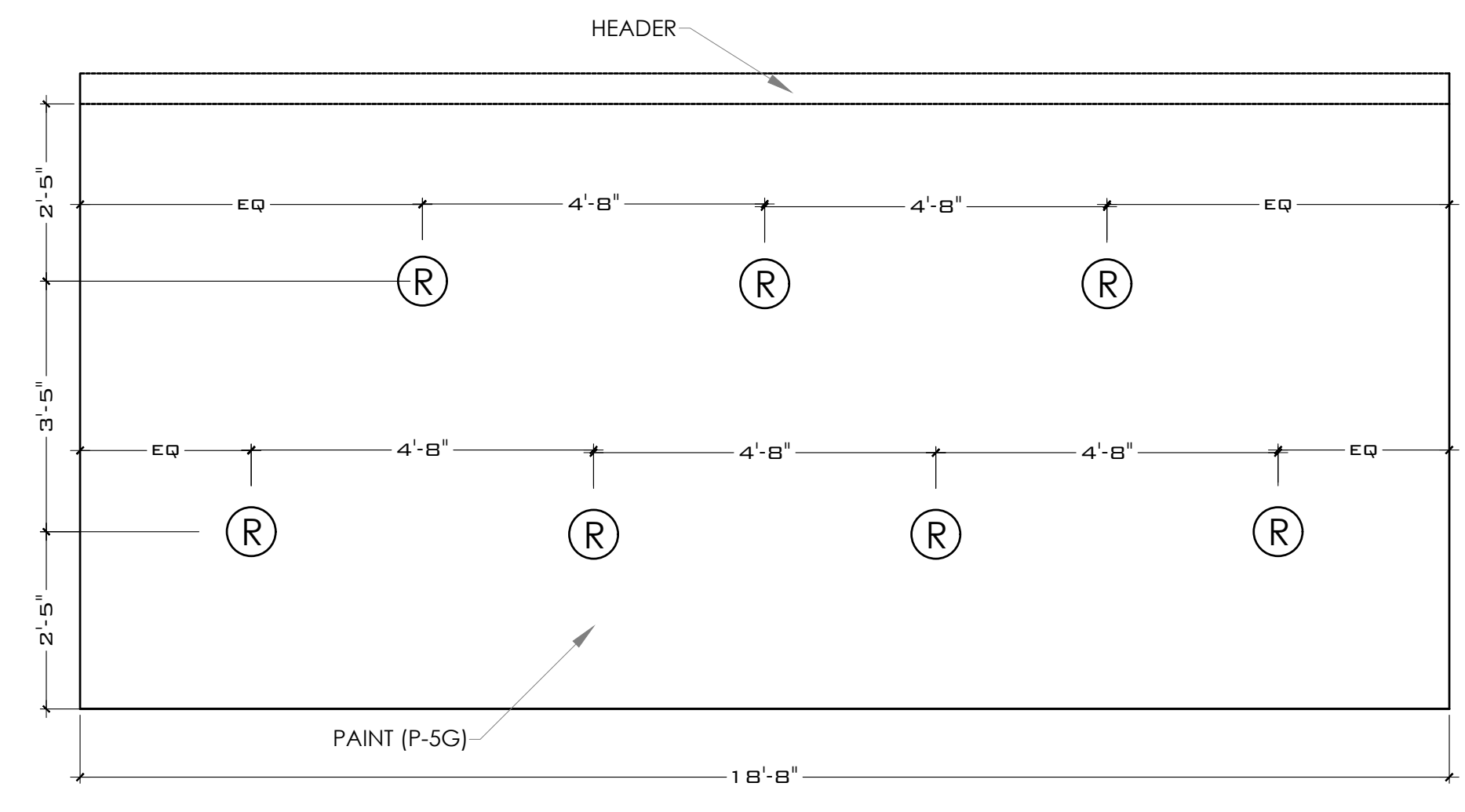
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.



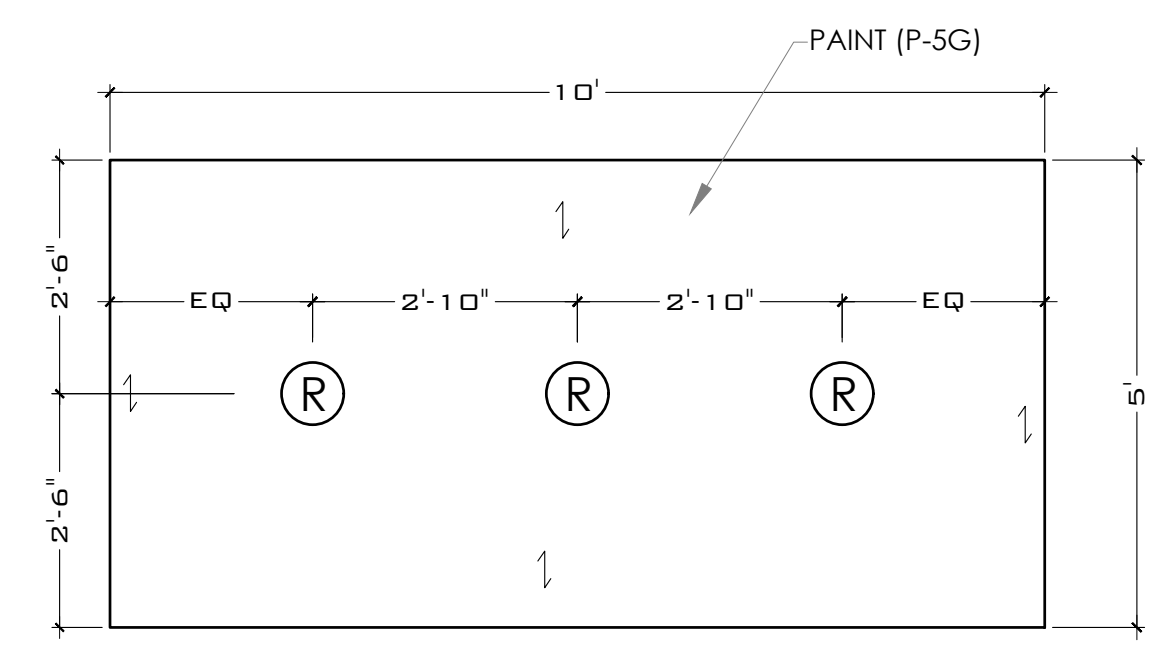
- NOTES:
1. SUSPENDED TRELLIS 3D LAMINATE ON PVC BOARD. SURF (X) OMNOVA SOLUTIONS ALMOND CHERRY 12 MIL.
 2. GENERAL DIMENSIONS 4"x6" SUSPENDED FROM AN OPEN TRUSS CEILING
 3. SUSPENDED SYSTEM: UNISTRUT ELEMENTS AND THREADED RODS
 4. FIT UNISTRUT BETWEEN JOIST SYSTEM WITH SUFFICIENT EXCESS ALLOW FOR MOVEMENT DURING INSTALLATION. PROVIDE (2) 3/8"-16 NUT AND ONE (1) WASHER (ID:0.375, OD 1.00)
 5. NUMBER OF MODULES SHALL BE PER BUILDING CONDITIONS. ALL MODULES SHALL BE INTERCONNECTED
 6. 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)
 - 7.



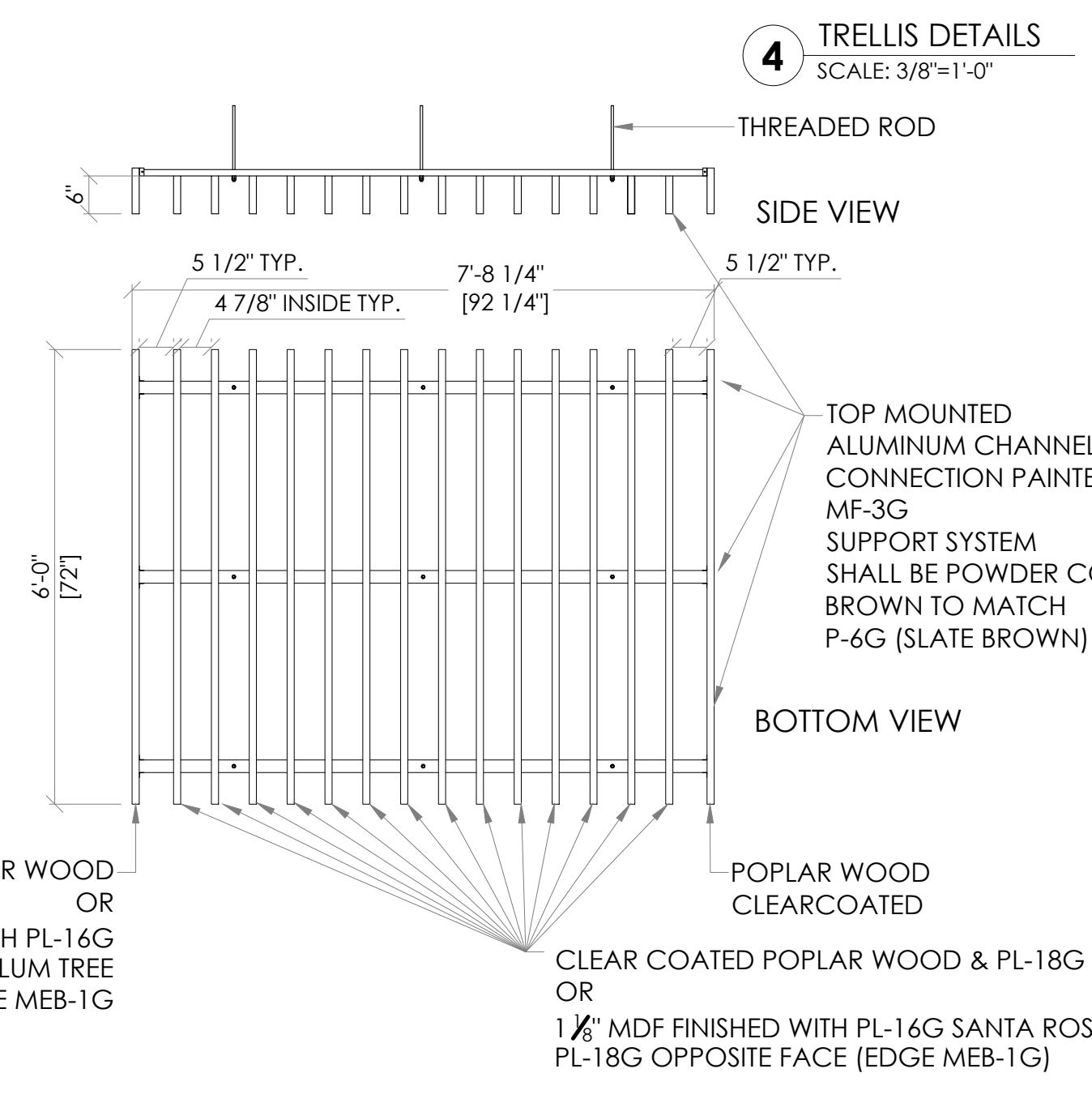
7 MENU BOARD HEADER & FRONT SERVICE COUNTER SOFFIT DETAIL
SCALE: 3/4" = 1'-0"



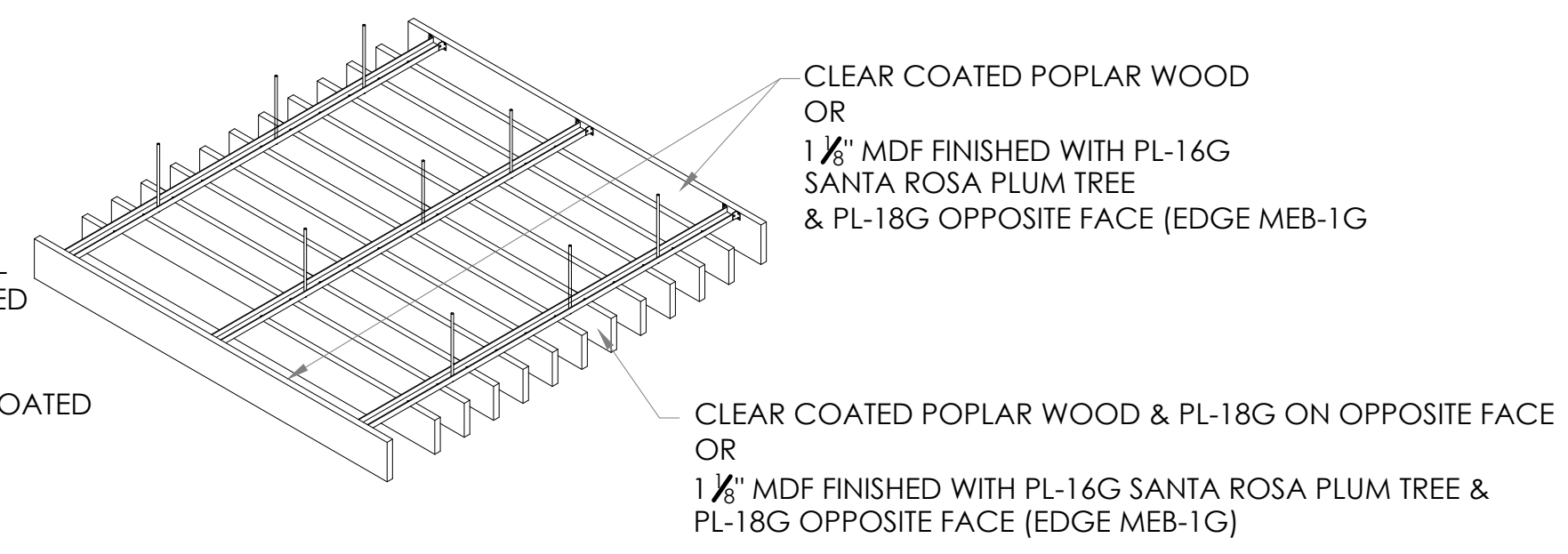
8 FRONT SERVICE COUNTER SOFFIT DETAIL
SCALE: 1/2" = 1'-0"



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



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



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

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

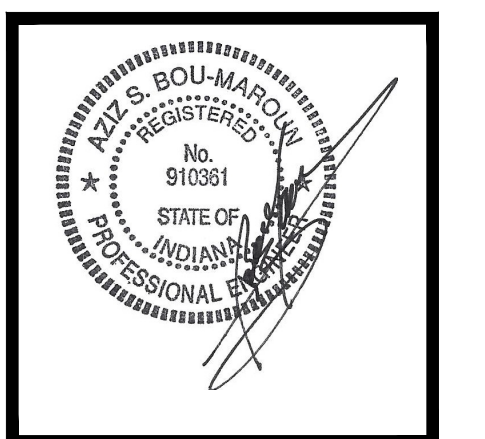
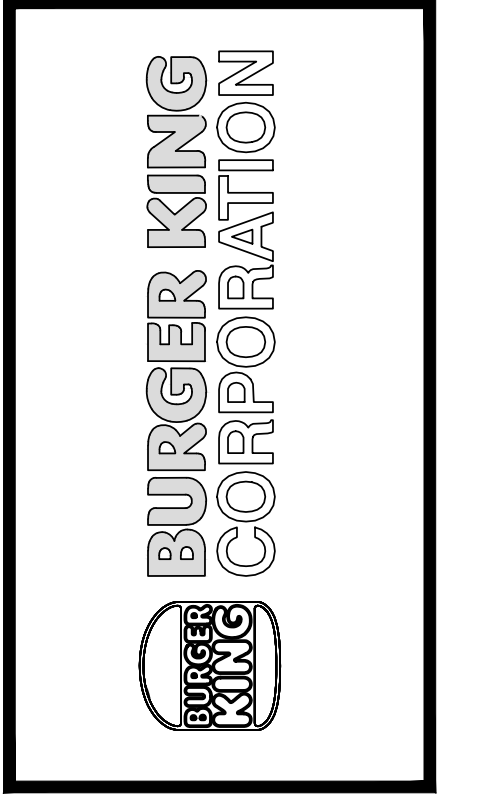
CLEAR COATED POPLAR WOOD OR 1 1/8" MDF FINISHED WITH PL-16G SANTA ROSA PLUM TREE & PL-18G OPPOSITE FACE (EDGE MEB-1G)

TOP MOUNTED ALUMINUM CHANNEL CONNECTION PAINTED MF-3G SUPPORT SYSTEM SHALL BE POWDER COATED BROWN TO MATCH P-6G (SLATE BROWN)

POPLAR WOOD CLEARCOATED

CLEAR COATED POPLAR WOOD & PL-18G ON OPPOSITE FACE OR 1 1/8" MDF FINISHED WITH PL-16G SANTA ROSA PLUM TREE & PL-18G OPPOSITE FACE (EDGE MEB-1G)

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



PROJECT	BURGER KING 1440 NAPPANEE 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

GENERAL ROOFING NOTES:

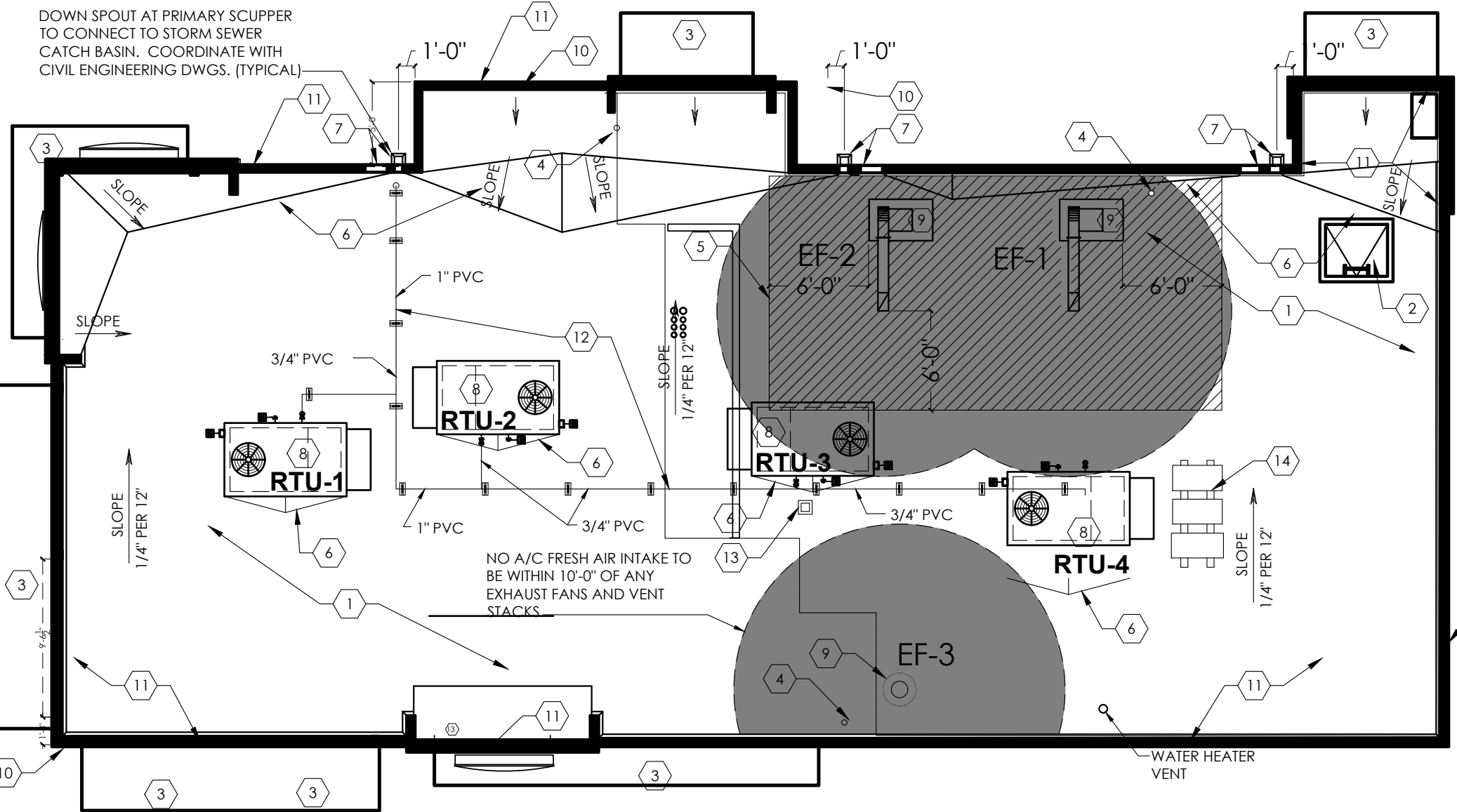
1. ROOFING SUBCONTRACTOR TO COORDINATE LOCATION OF H.V.A.C. UNITS AND ROOF TOP ACCESSORIES WITH STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR PLACEMENT AND TAPERED RIGID INSULATION BOARD LAY-OUT AND SUBSEQUENT INSTALLATION IN ORDER TO AVOID PONDING WATER CONDITIONS ATTRIBUTABLE TO BOARD LAY-OUT ISSUES.
2. ROOF SYSTEMS SPECIFIED SHALL BE APPLIED ONLY BY MANUFACTURER APPROVED APPLICATION 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 1'-6" CLEAR FROM EACH OTHER FOR ROOF FLASHING PURPOSES. ALL EQUIPMENT SHALL HAVE A MINIMUM OF 1'-6" CLEAR FROM ALL ADJACENT PARAPETS. ALL HVAC MOUNTED EQUIPMENT (DISCONNECT BOXES, GFCL, PIPE SUPPORTS) SHALL NOT BE CLOSER THAN 1'-6" FROM EACH OTHER OR CURB. NO UNSTRAUT 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 DISAPPEAR FROM THE ROOF WITHIN 48 HOURS AFTER PRECIPITATION.
8. CONTRACTOR SHALL "SUGAR-IN" ALL ASPHALT. BLEED-OUT ON PILES 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:

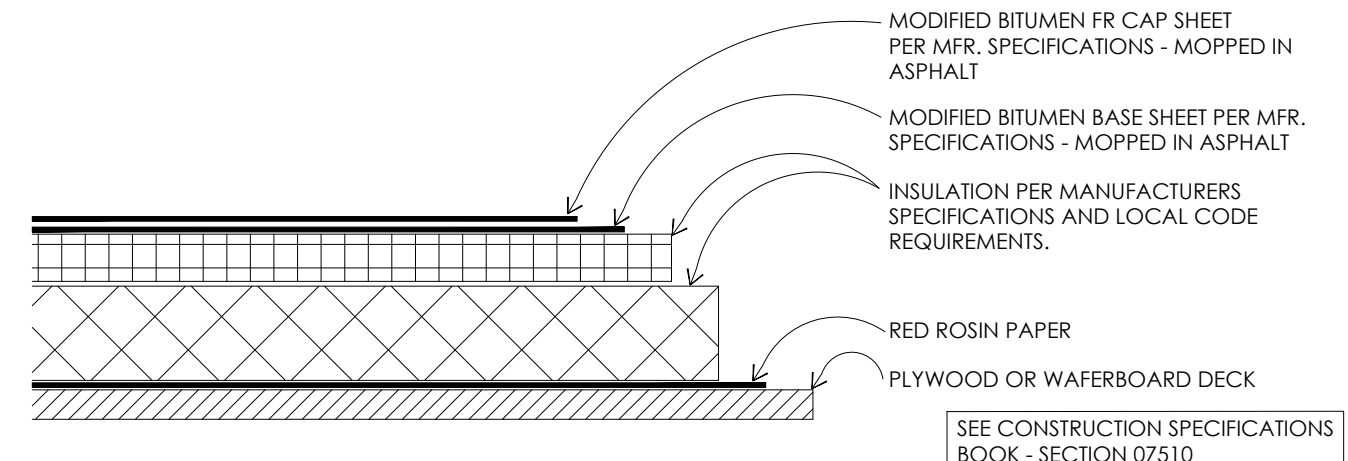
1. TWO-PLY MODIFIED BITUMEN MEMBRANE W/GLASS FIBER REINFORCEMENT. BOTTOM PLY SHALL BE UNSURFACED, TOP PLY SHALL HAVE WHITE MINERAL SURFACE.
2. ROOF ACCESS SCUTTLE, REFERENCE DETAIL, THIS SHEET.
3. PREFABRICATED METAL CANOPY, REFERENCE SHEETS A-7, A-8.
4. VENT THROUGH ROOF - PROVIDE PREFABRICATED DURO-LAST 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:

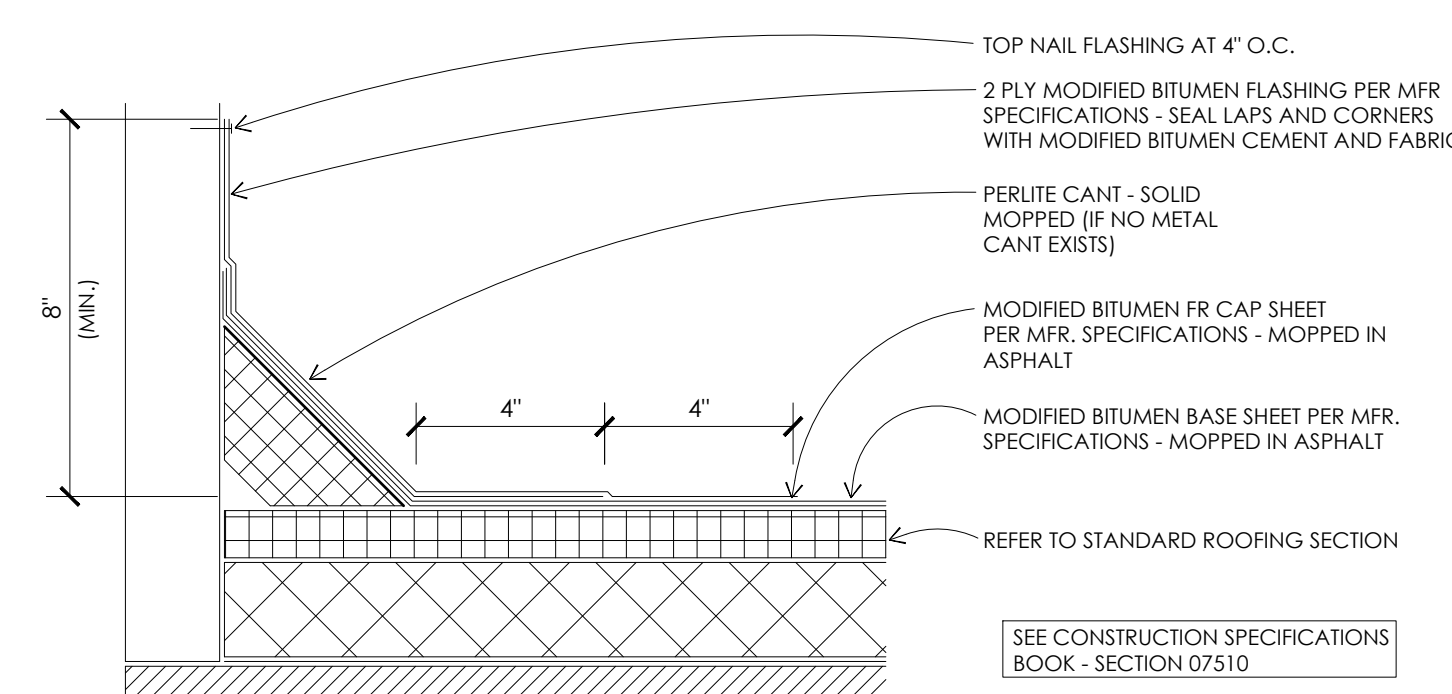
- A. THE ROOF STRUCTURE SHALL NOT BE USED FOR STOCKPILING OF EQUIPMENT OR MATERIALS UNLESS APPROVED BY THE ARCHITECT, STRUCTURAL ENGINEER AND THE JOIST MANUFACTURER.
- B. THE ROOFING SYSTEM SHALL BE AS PER DRAWINGS AND PER MANUFACTURER'S SPECIFICATIONS.
- C. COORDINATE ROOF ELEVATIONS WITH STRUCTURAL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



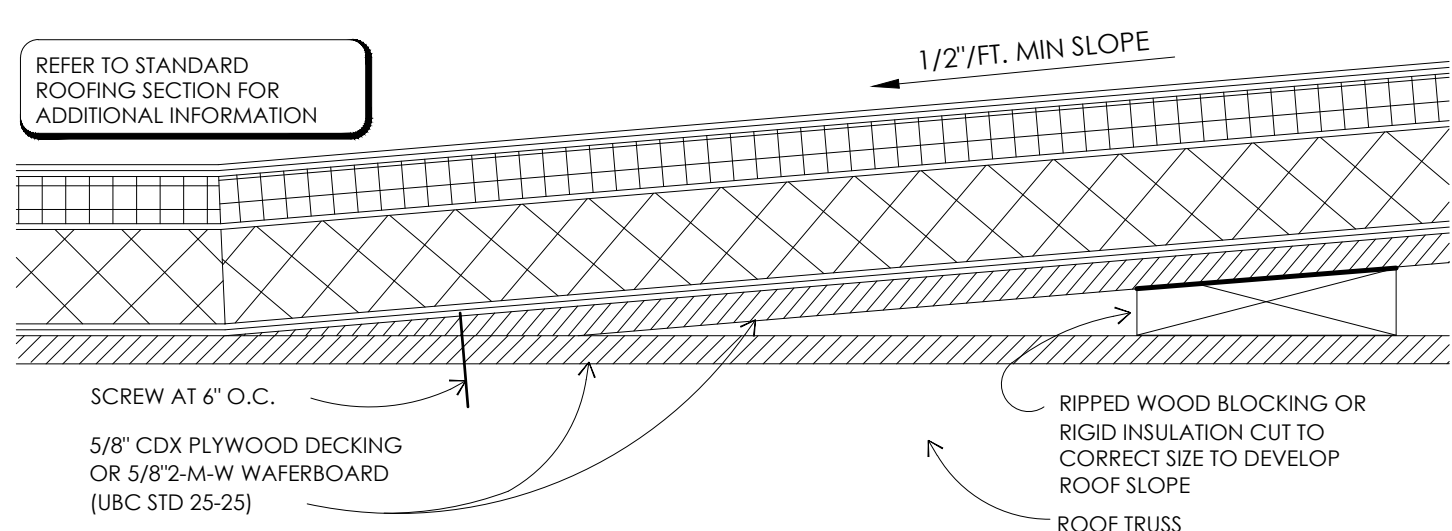
A ROOF PLAN
SCALE: 1/8" = 1'-0"



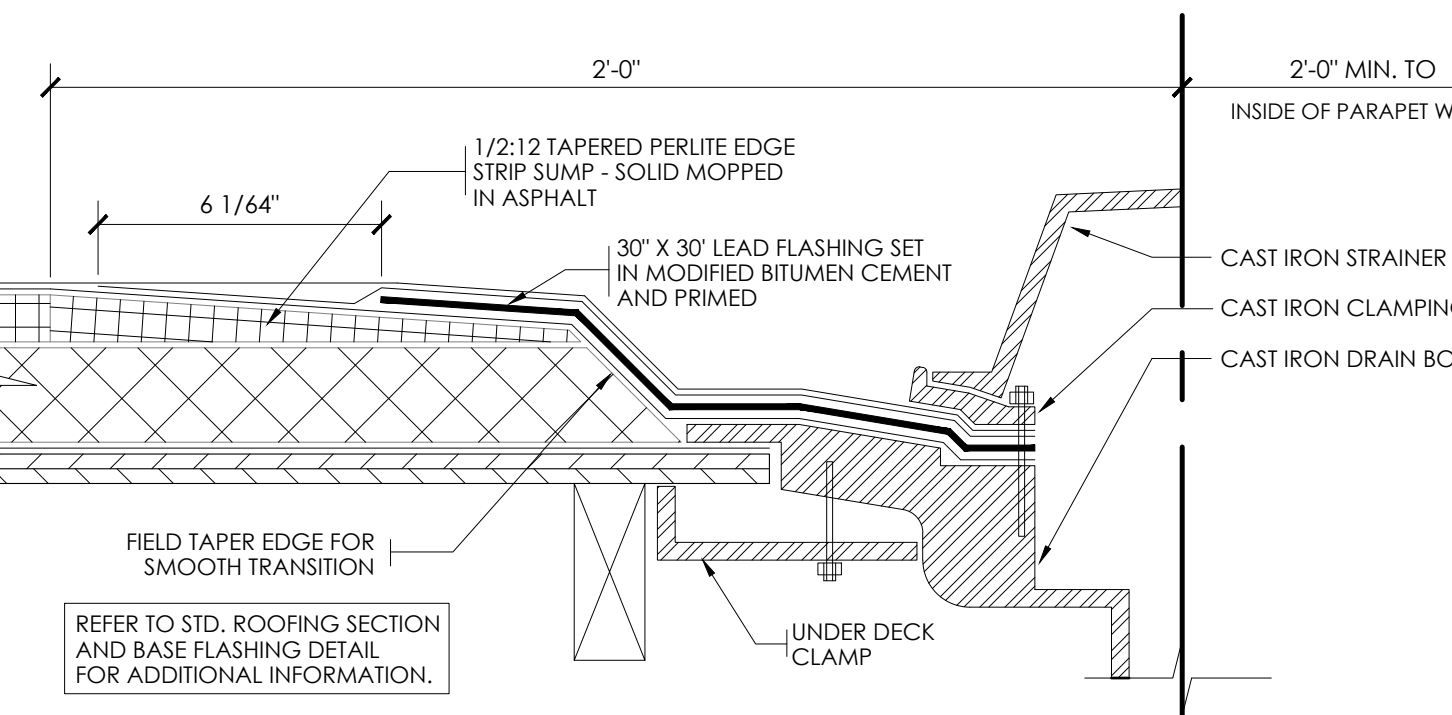
1 STANDARD ROOFING SECTION
SCALE: 3" = 1'-0"



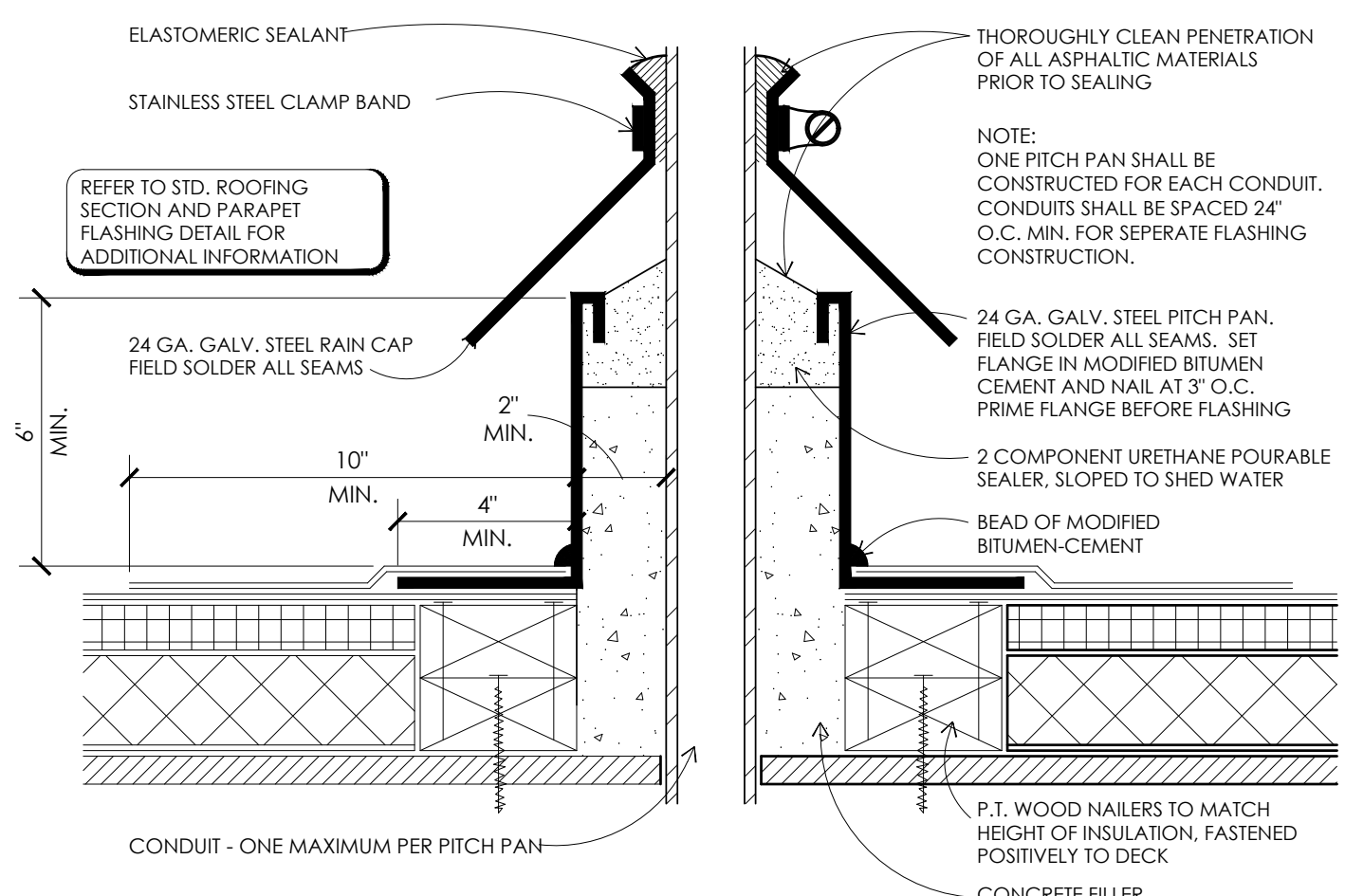
2 STANDARD BASE FLASHING CONFIGURATION
SCALE: 3" = 1'-0"



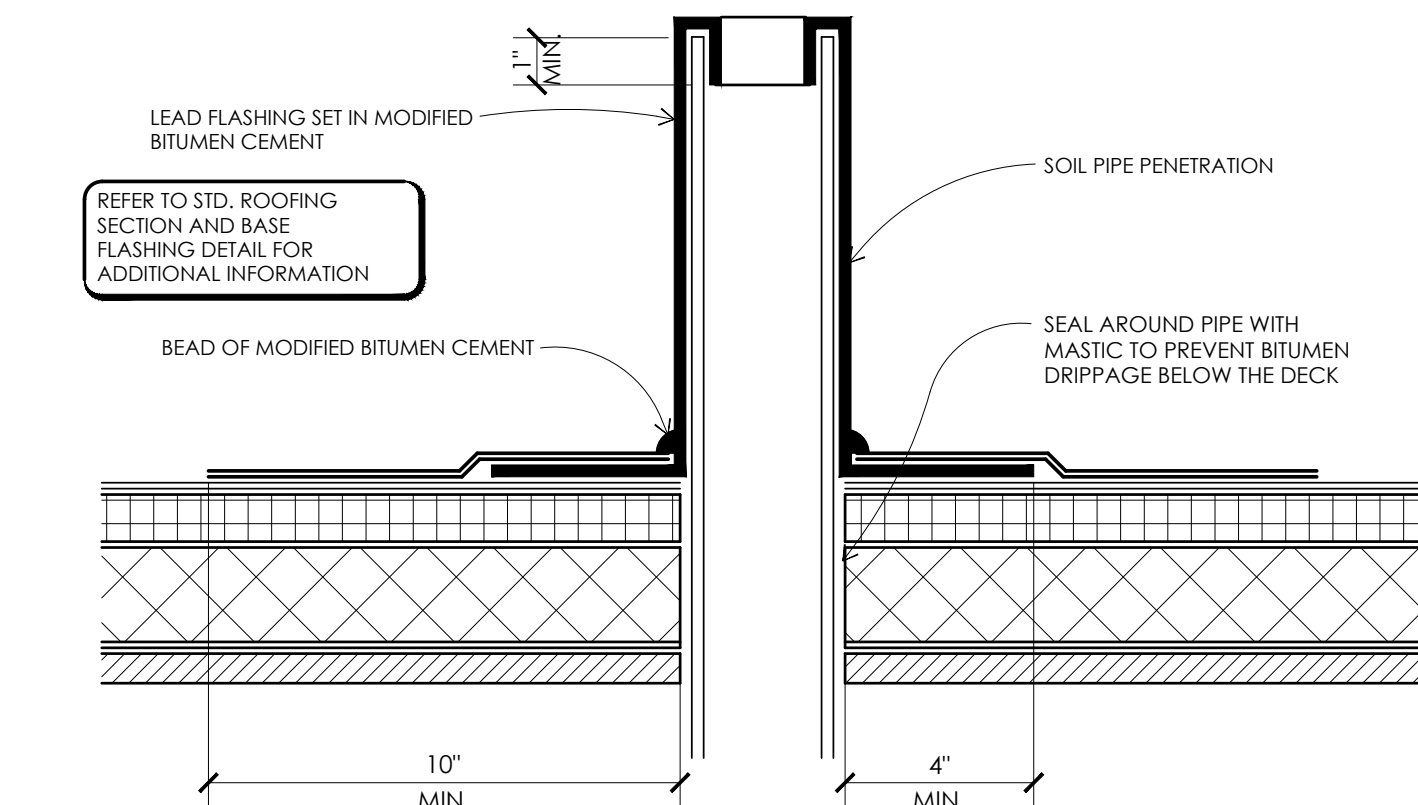
3 TYPICAL CRICKET DETAIL
SCALE: 3" = 1'-0"



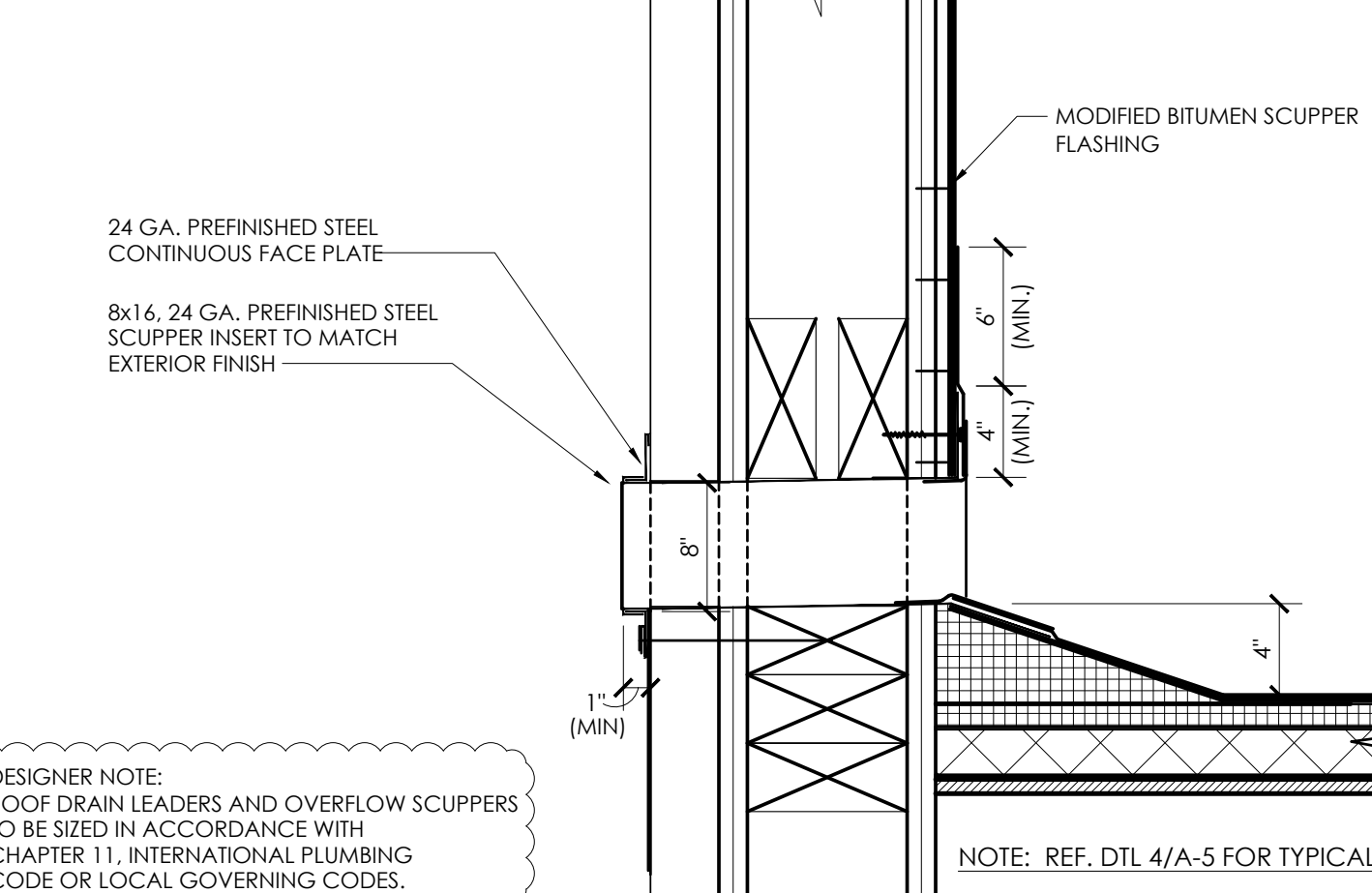
4 ROOF DRAIN DETAIL
SCALE: 3" = 1'-0"



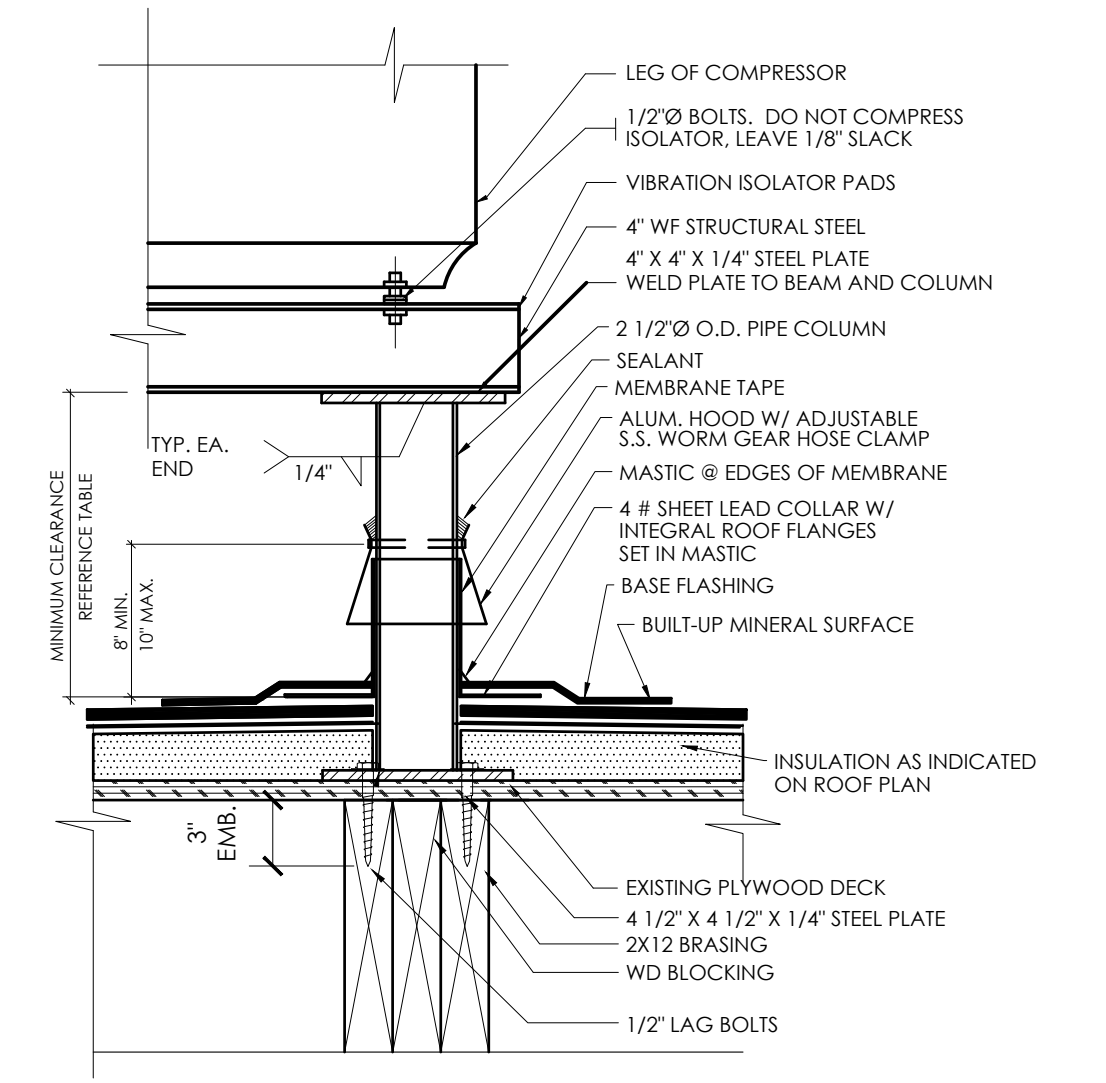
5 PITCH PLAN DETAIL
SCALE: 3" = 1'-0"



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



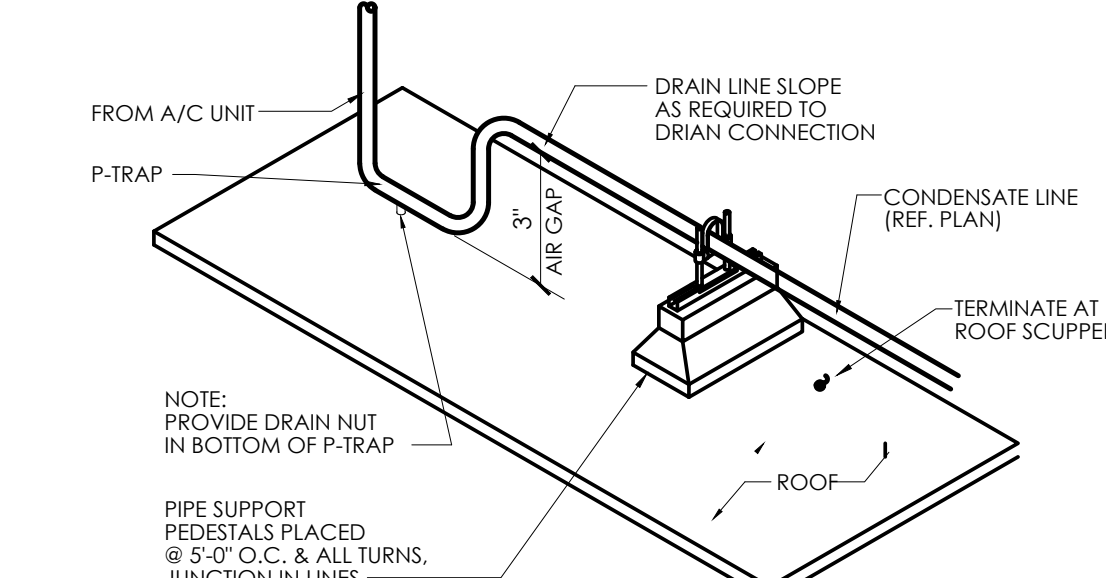
7 OVERFLOW SCUPPER DETAIL
SCALE: 3" = 1'-0"



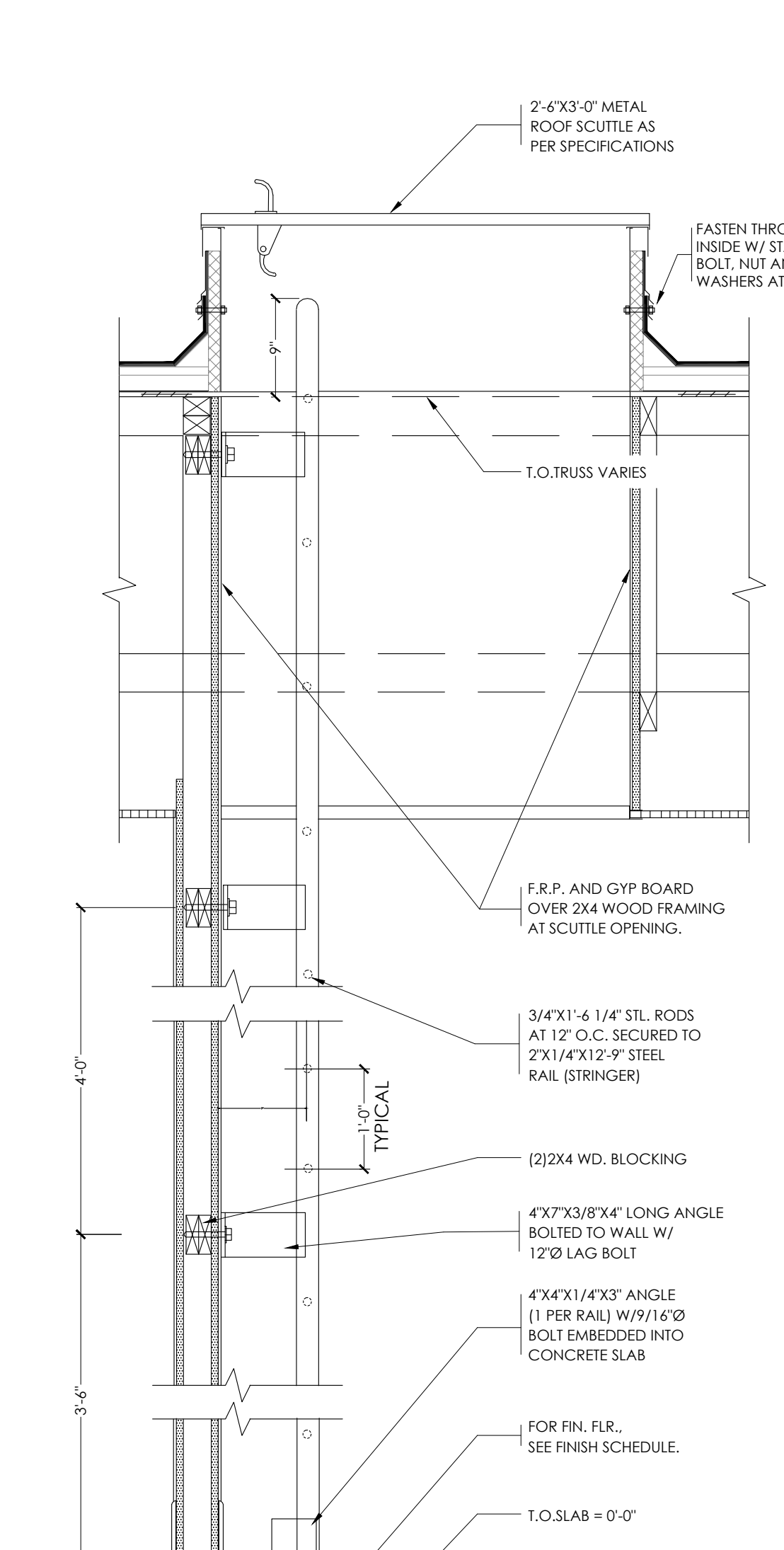
8 EQUIPMENT STAND DETAIL
SCALE: 3" = 1'-0"

VERIFY W/ EQUIPMENT SUPPLIER IF IN CONTRACT.

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



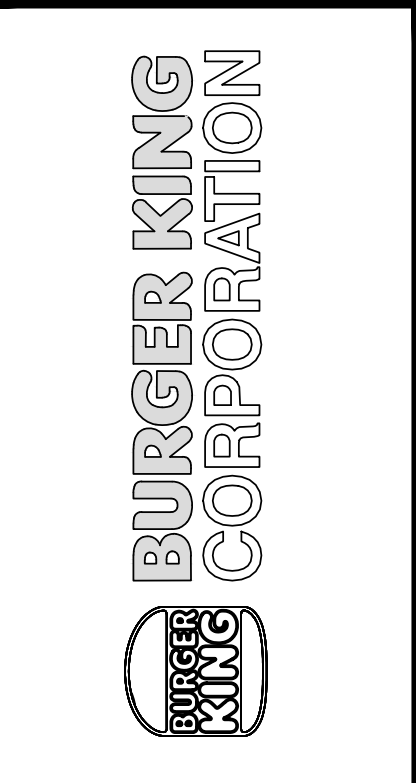
9 CONDENSATE LINE SUPPORT DETAIL
SCALE: 3" = 1'-0"



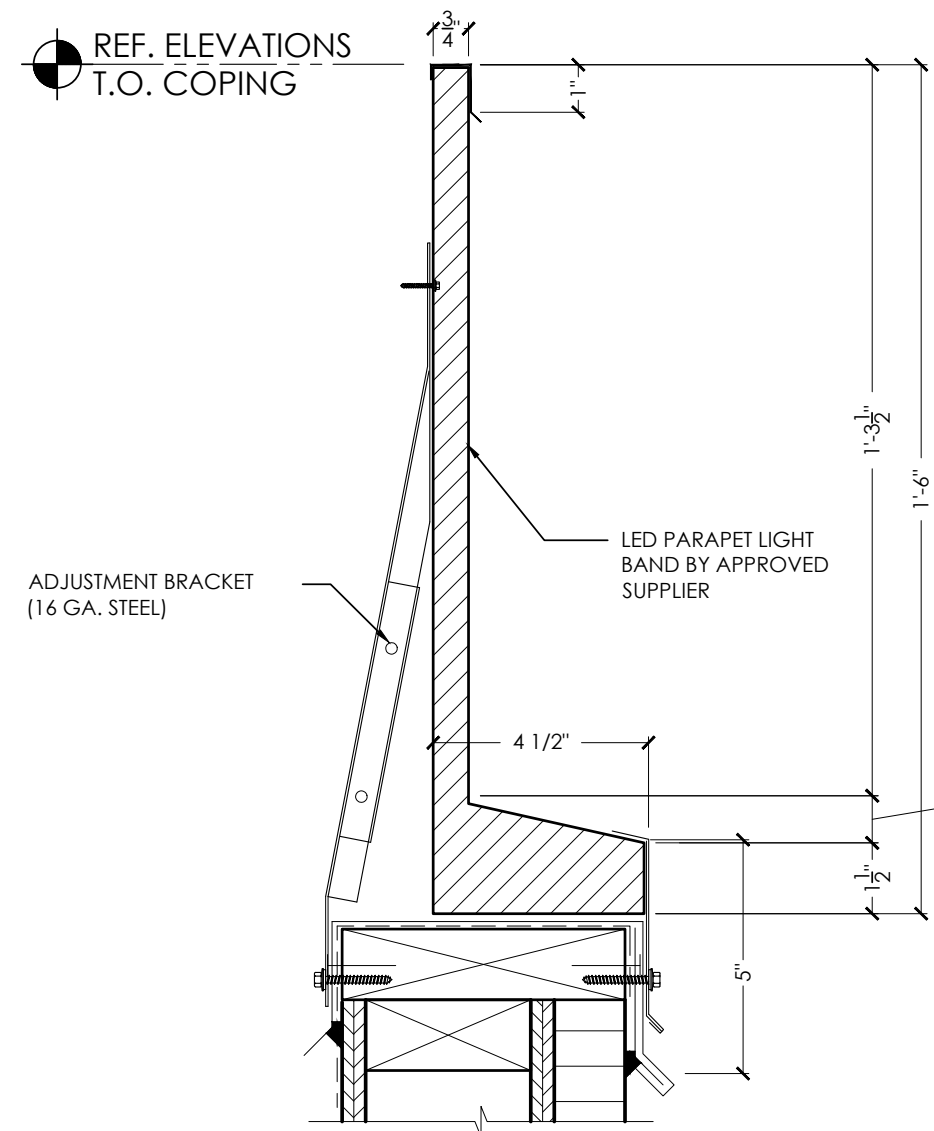
10 ROOF SCUTTLE DETAIL
SCALE: 3/4" = 1'-0"

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

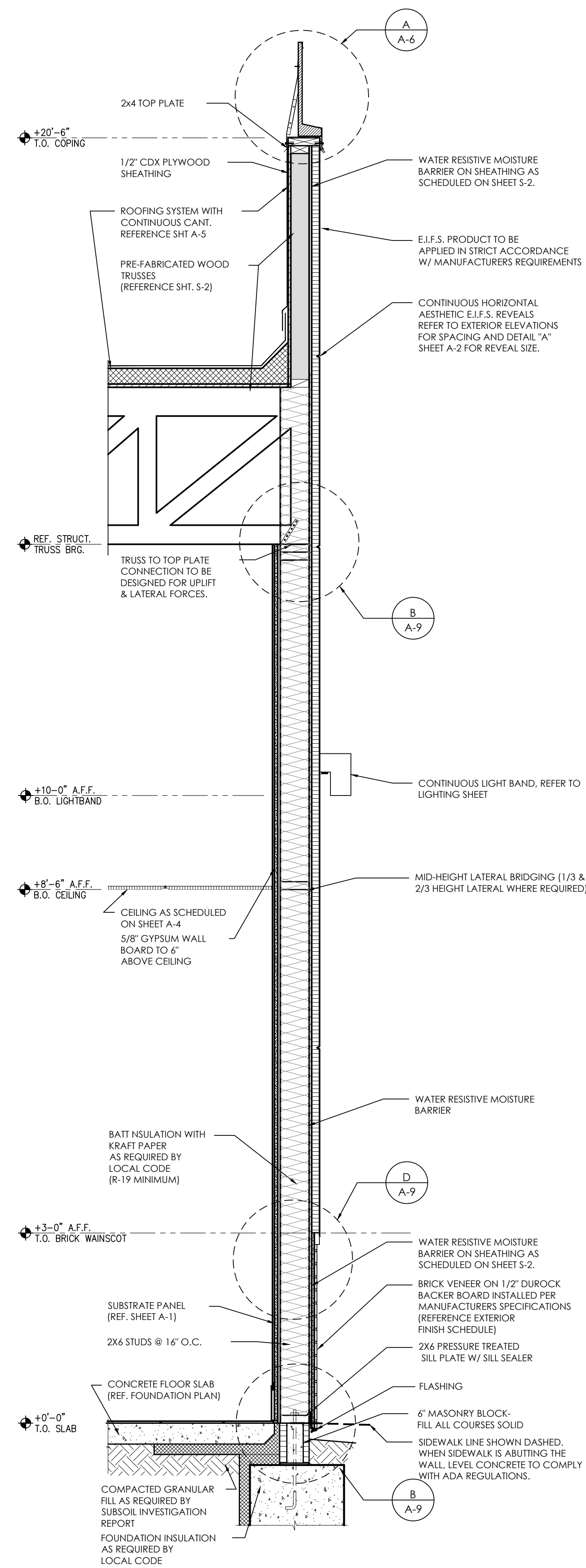
Drawn By: CP
Checked: SB
Scale: AS NOTED
Date: ---21



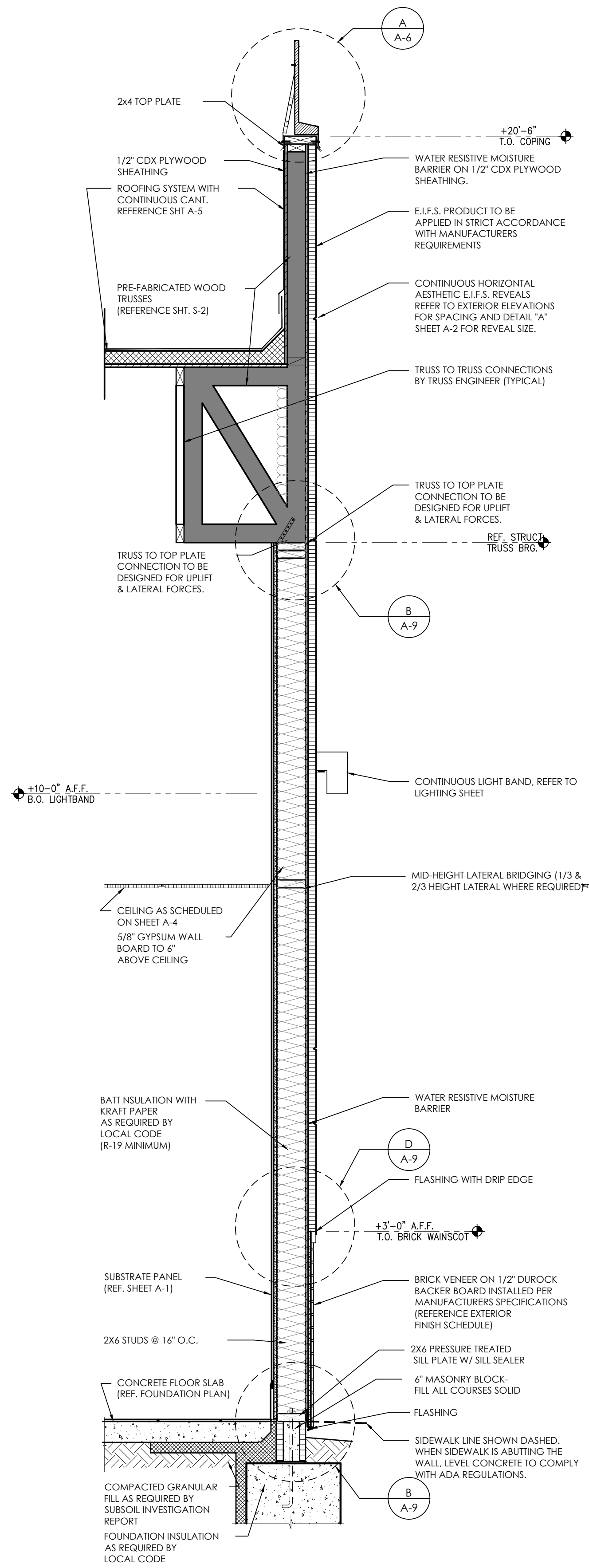
PROJECT: BURGER KING, 1440 NAPPANEE ST., ELKHART, IN 46514
SHEET TITLE: ROOF PLAN & DETAILS
JOB #: TG-21668
SHEET: A-5



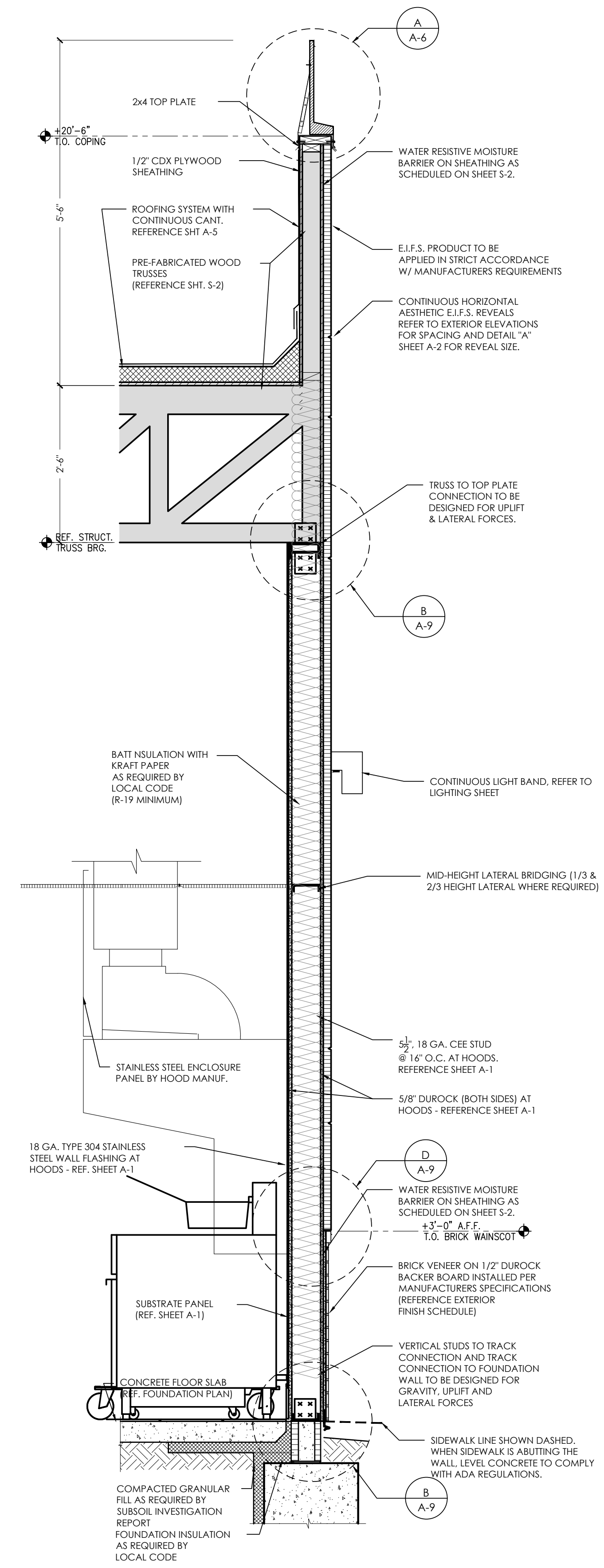
A PARAPET LIGHT BAND DETAIL
SCALE: 3' - 1'-0"



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

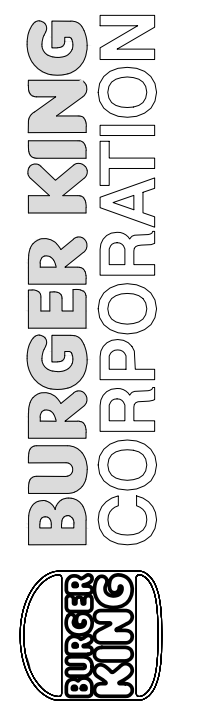


2 REAR KITCHEN WALL
SCALE: 3 / 4" - 1'-0"



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

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



TECHNICAL GROUP Inc.
3716 HILLS TECH DRIVE
FARMINGTON HILLS, MI 48331
P: (248) 726-8000 F: (248) 726-7000



PROJECT
BURGER KING
1440 NAPPANEE ST.
ECHART, IN 46514

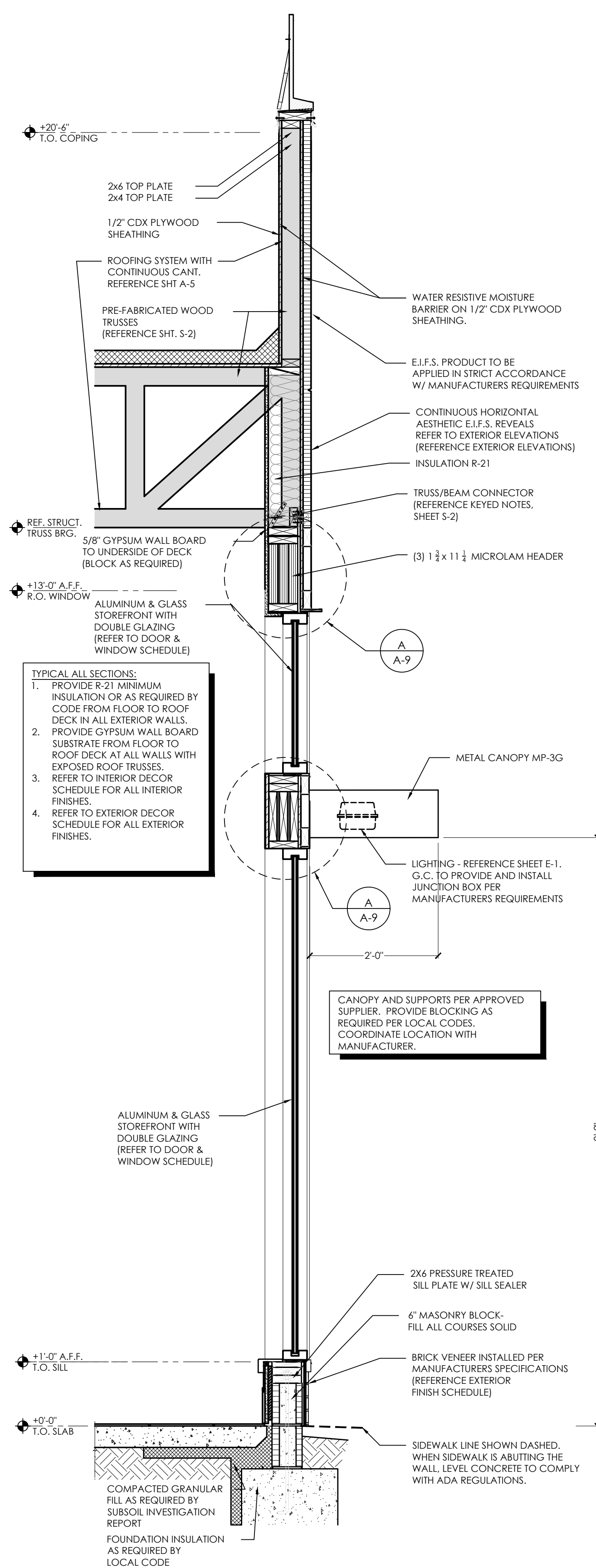
SHEET TITLE
WALL SECTIONS AND DETAILS

DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

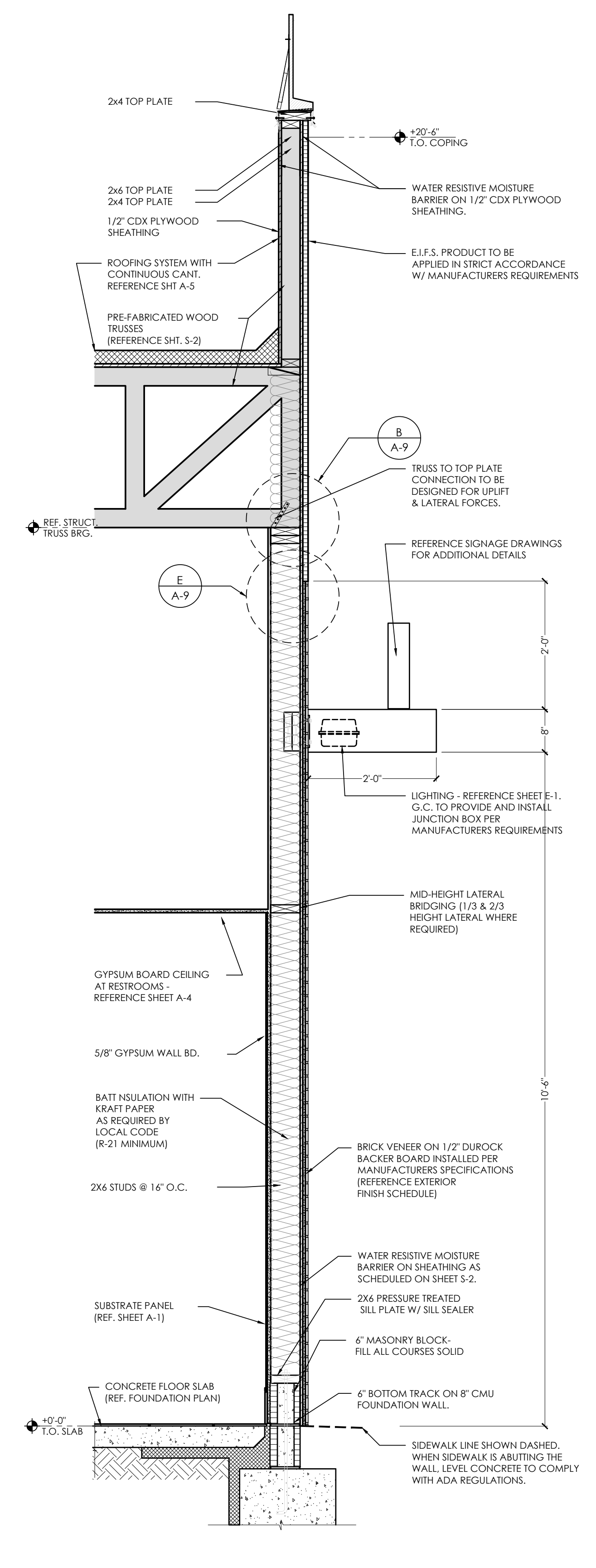
JOB #
TG-21668

SHEET
A-6

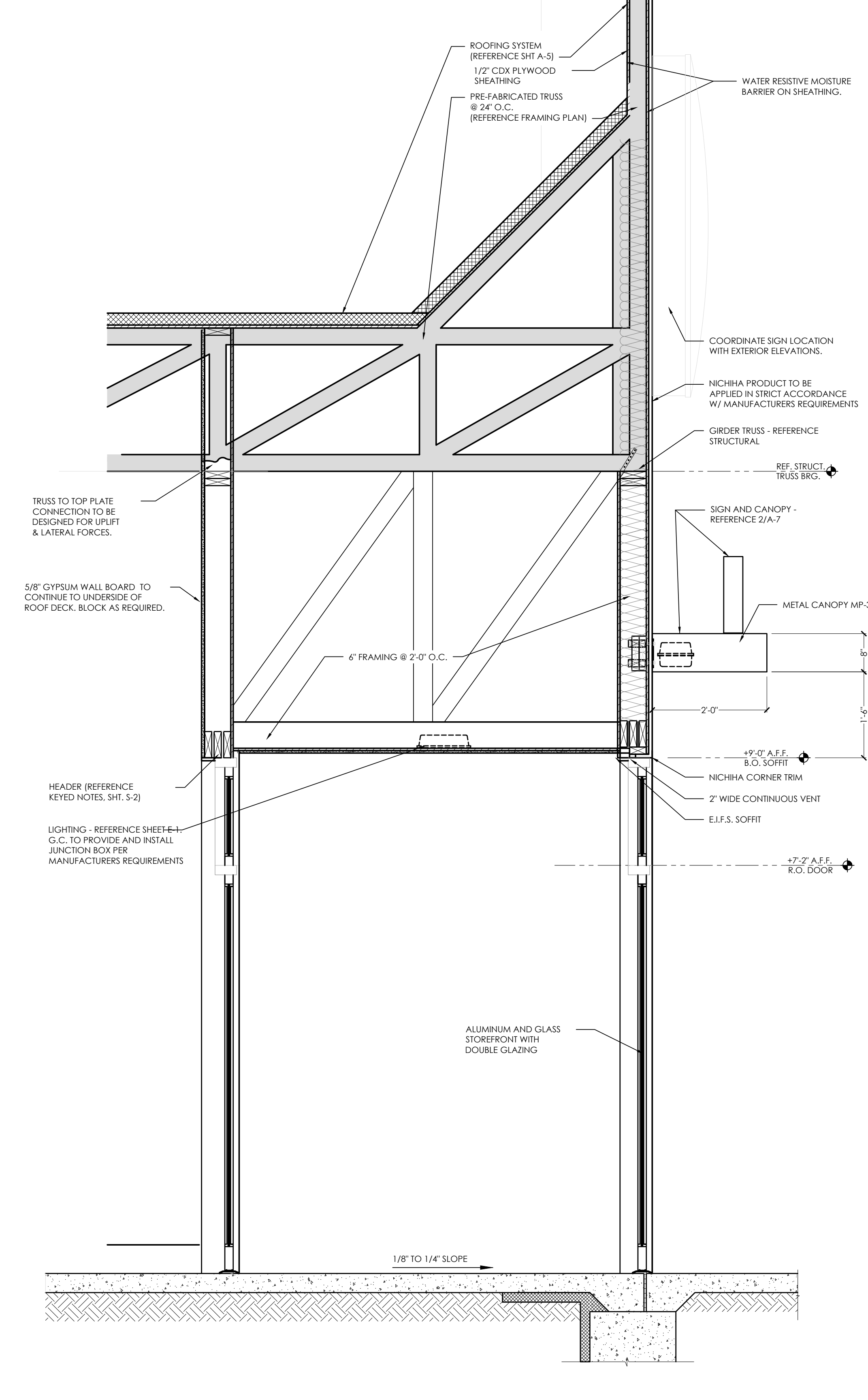
ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT WRITTEN AUTHORIZATION FROM THE ARCHITECT.



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

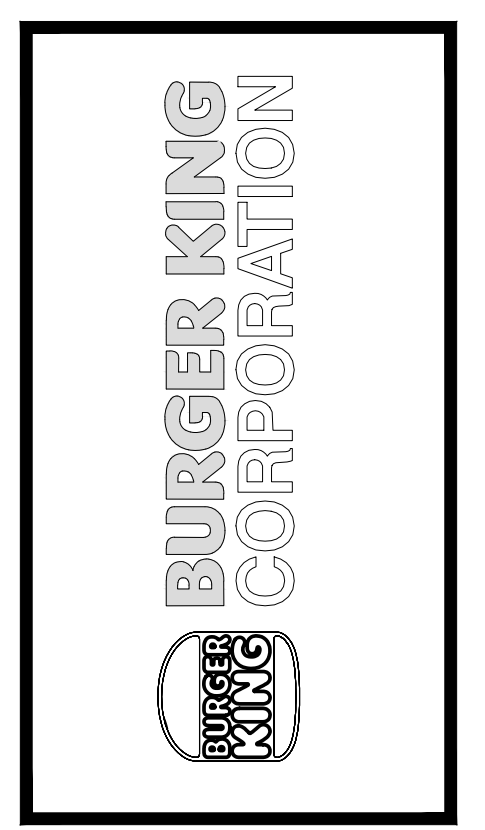


2 MAIN ENTRANCE WALL
SCALE: 3 / 4" - 1'-0"



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

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



TECHNICAL GROUP INC.
37716 HILLS TECH DRIVE
FARMINGTON HILLS, MI 48331
P: (248) 726-8000 F: (248) 726-7000



PROJECT: BURGER KING
1440 NAPPAWEE ST.
ELCHART, IN 46514

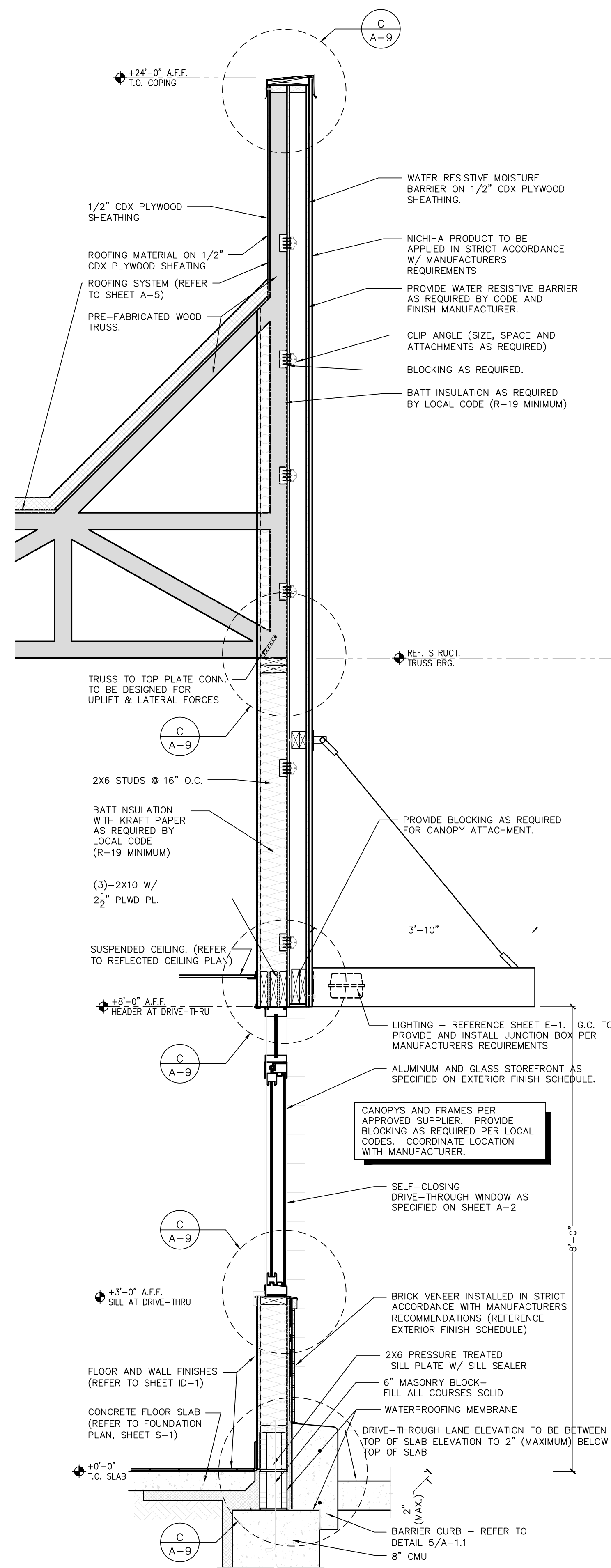
JOB # TG-21668

SHEET TITLE: WALL SECTIONS AND DETAILS

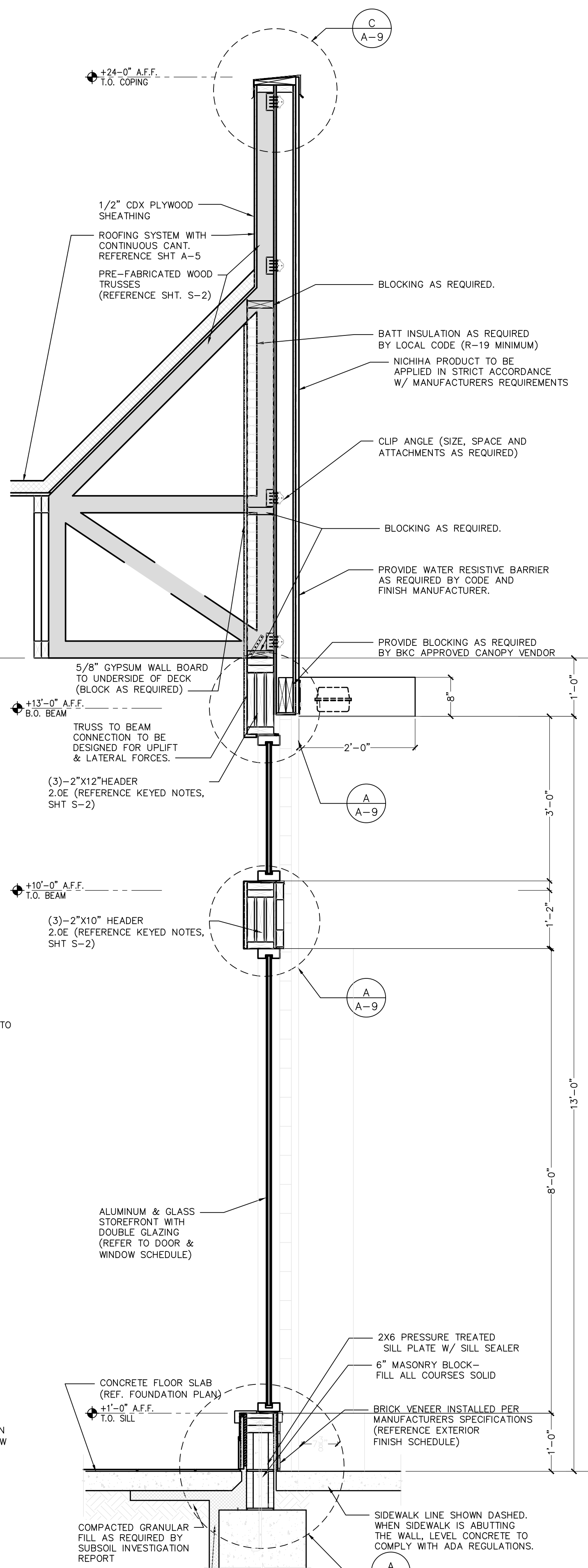
SHEET: A-7

DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

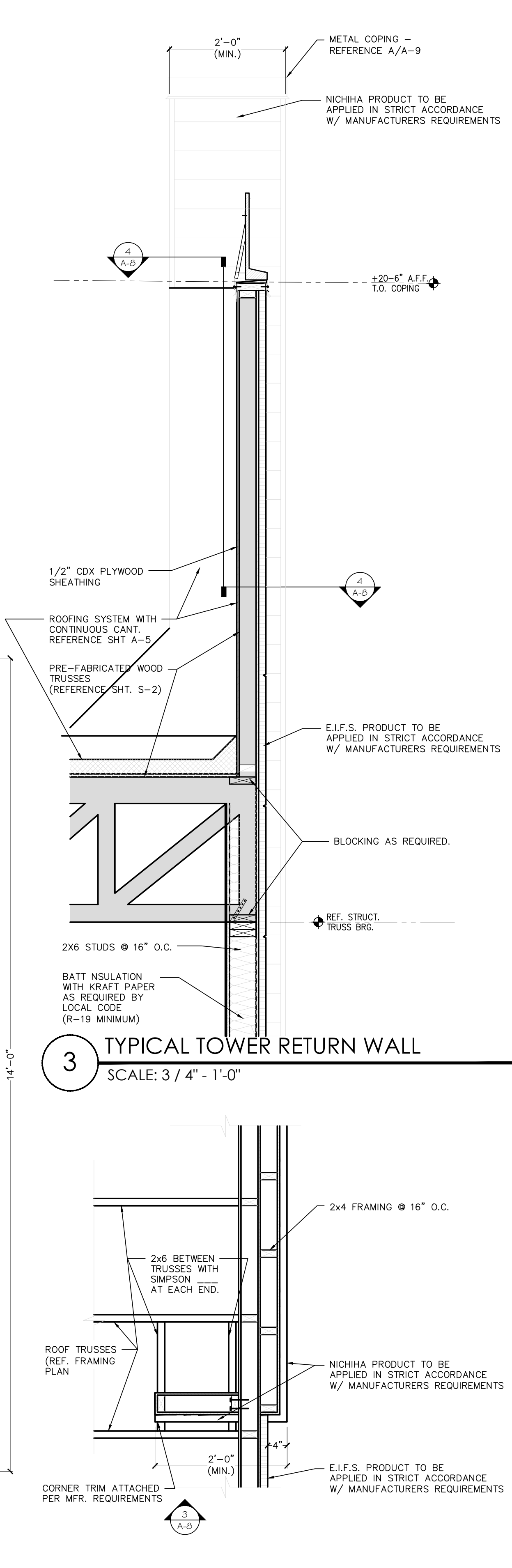
ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE ARCHITECT.



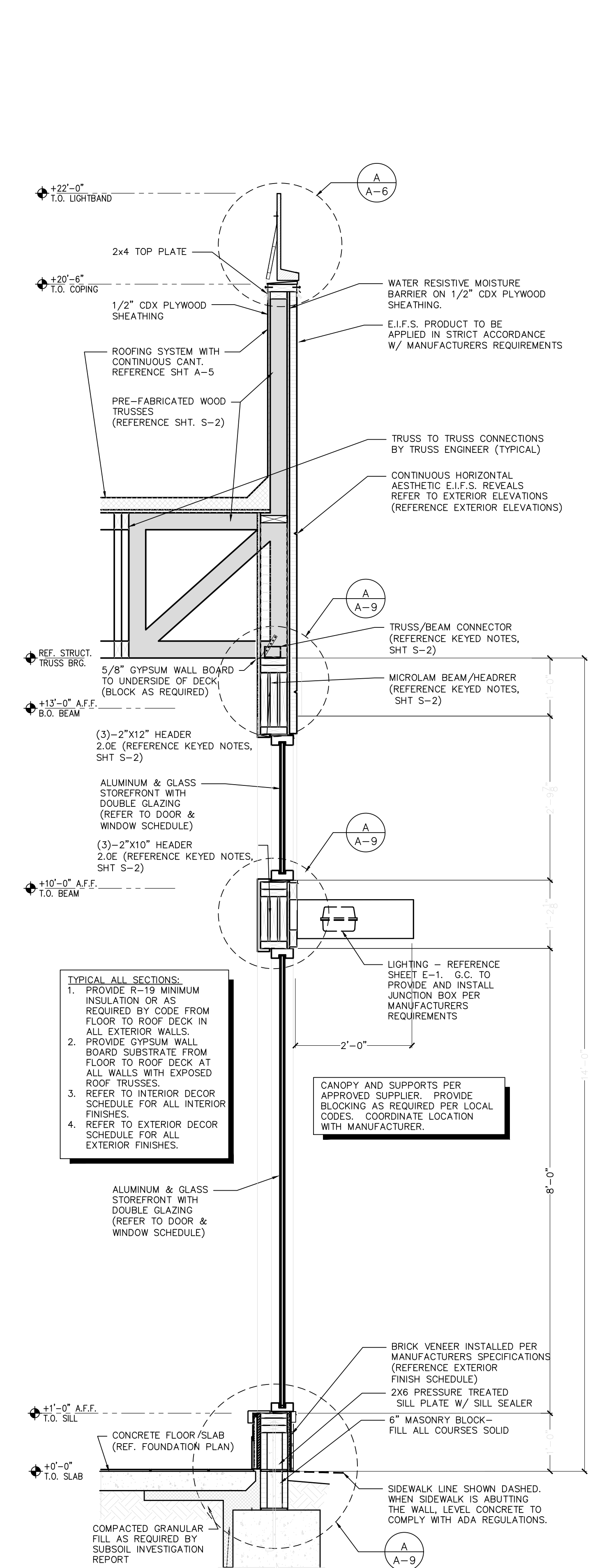
1 DRIVE-THROUGH WINDOW WALL
SCALE: 3/4" - 1'-0"



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



3 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.

BRICK VENEER INSTALLED PER MANUFACTURERS SPECIFICATIONS (REFERENCE EXTERIOR FINISH SCHEDULE).
2X6 PRESSURE TREATED SILL PLATE W/ SILL SEALER - FILL ALL COURSES SOLID
6" MASONRY BLOCK - FILL ALL COURSES SOLID
WATERPROOFING MEMBRANE
DRIVE-THROUGH LANE ELEVATION TO BE BETWEEN TOP OF SLAB ELEVATION TO 2" (MAXIMUM) BELOW TOP OF SLAB

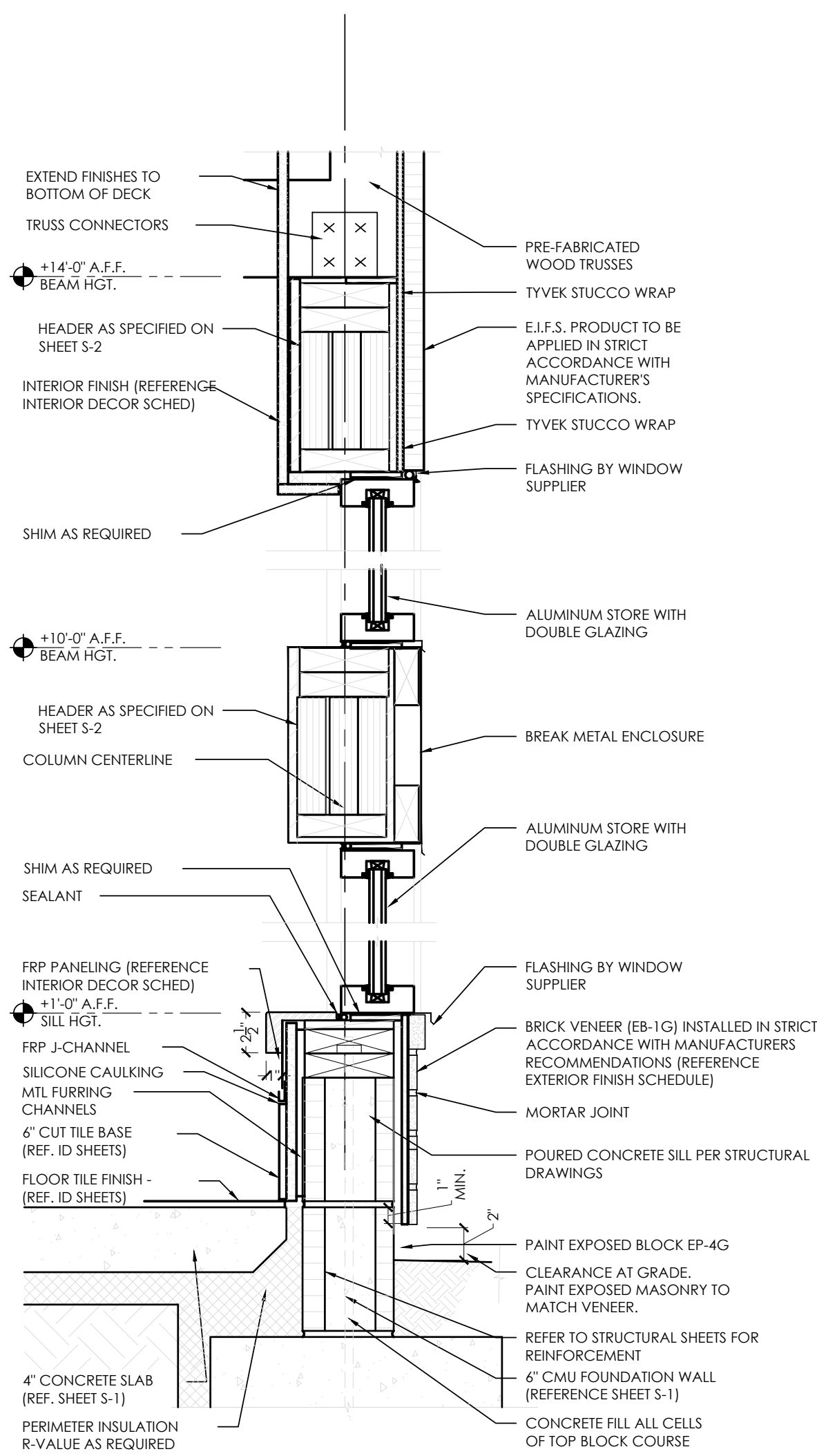
Notes	FOR SUBMITTAL TO CITY PLANNING
By	DB
Date	
No.	
Drawn By	CP
Checked	SB
Scale	AS NOTED
Date	---21



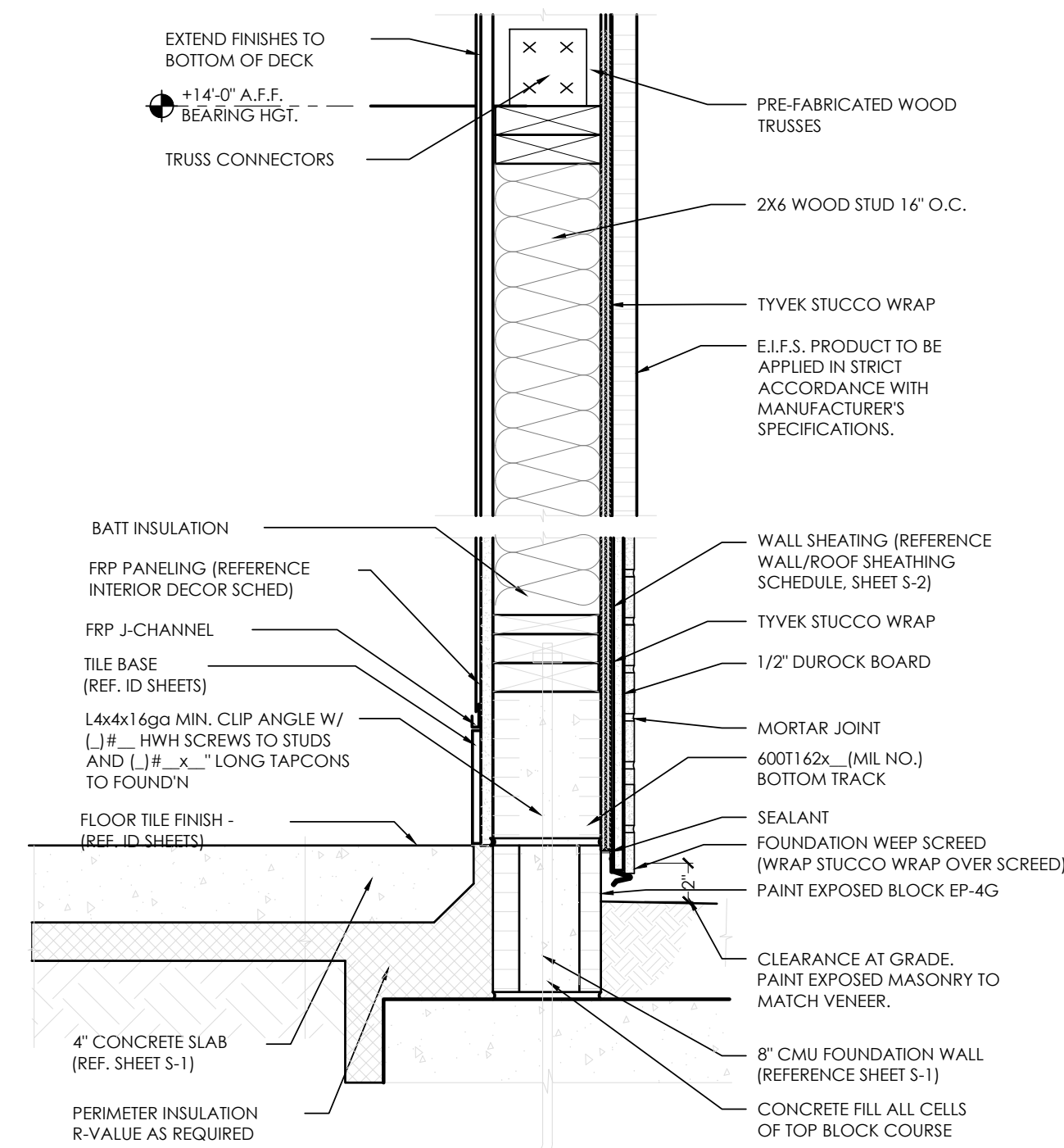
PROJECT	BURGER KING 1440 NAPPAWESSETT EIGHTH, IN 46514
SHEET TITLE	WALL SECTIONS
JOB #	TG-21668
SHEET	A-8

DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

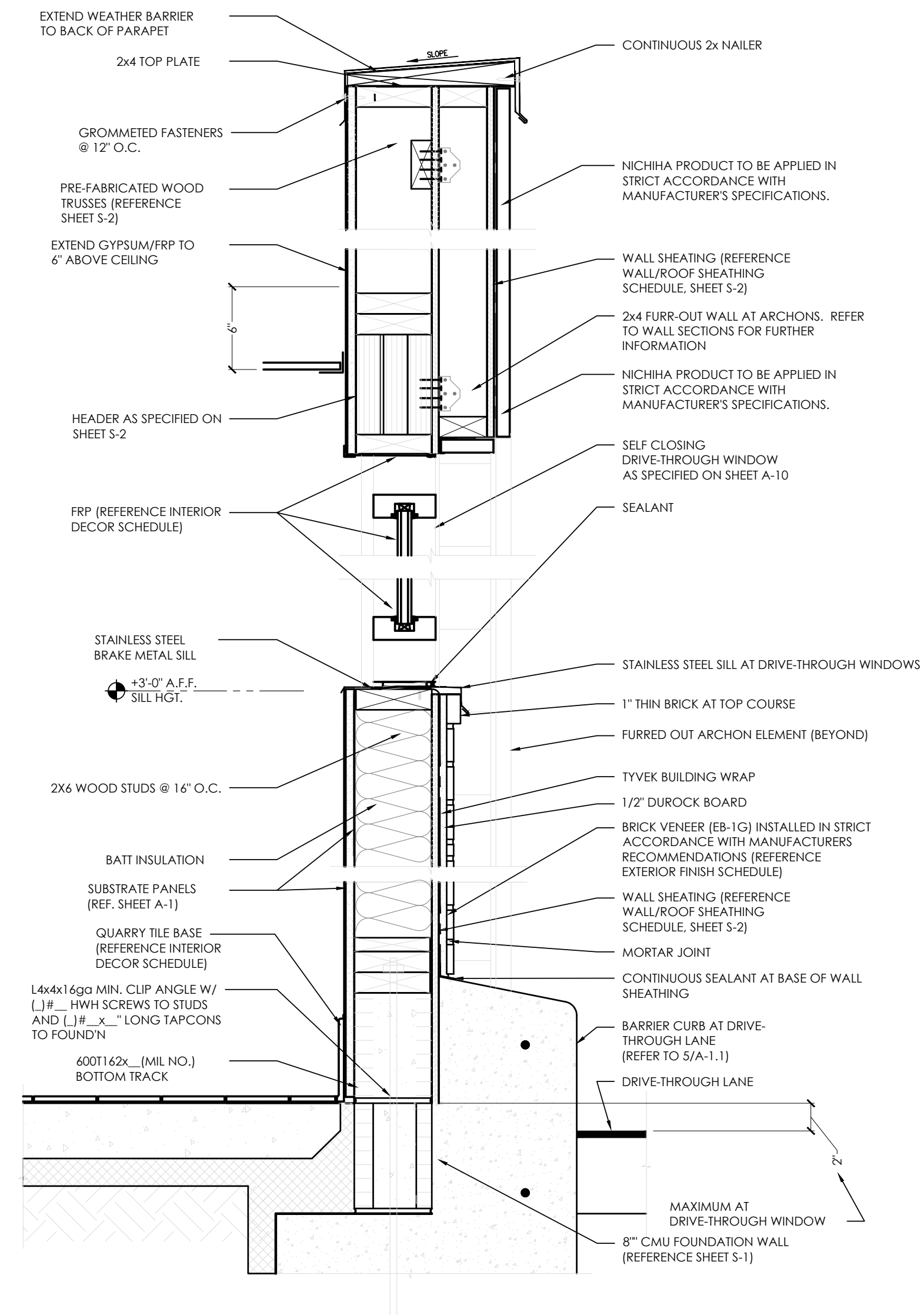
ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT WRITTEN AUTHORIZATION FROM THE ARCHITECT.



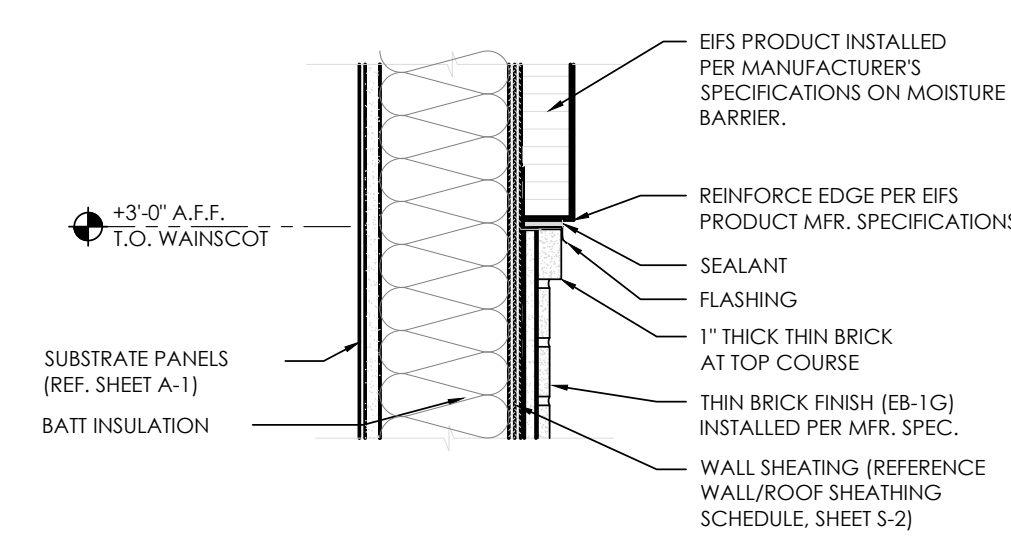
A BASE-SILL-HEADER-CAP DETAILS
SCALE: 1 1/2" - 1'-0"



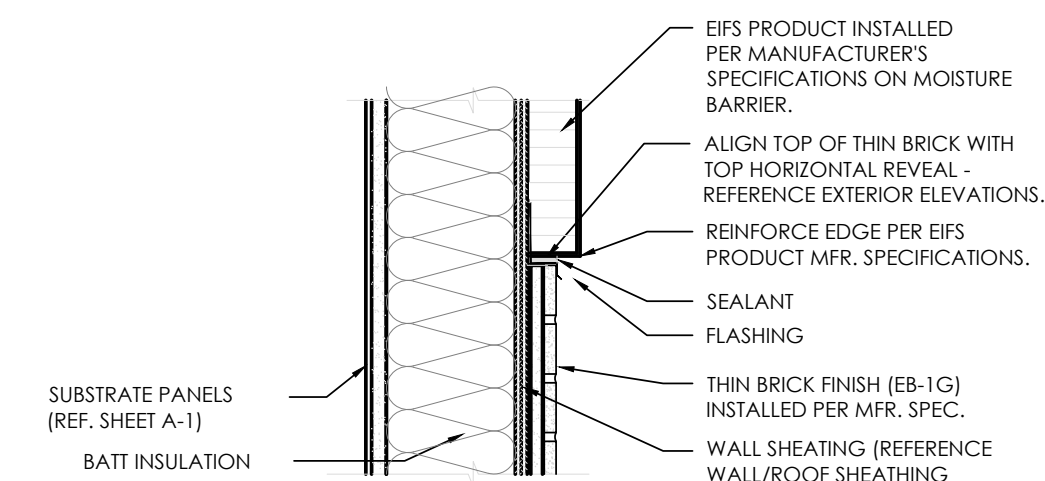
B BASE-SILL-HEADER DETAILS
SCALE: 1 1/2" - 1'-0"



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



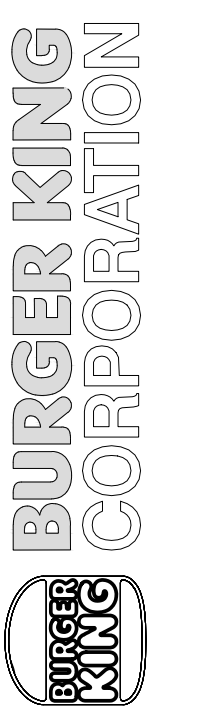
D WAINSCOT/STUCCO TRANSITION
SCALE: 1 1/2" - 1'-0"



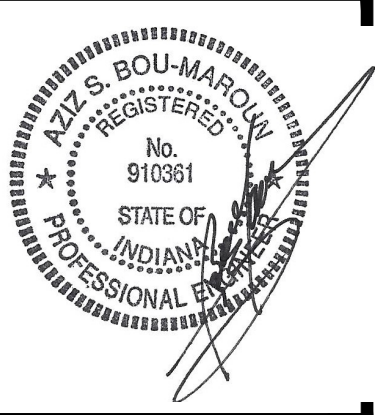
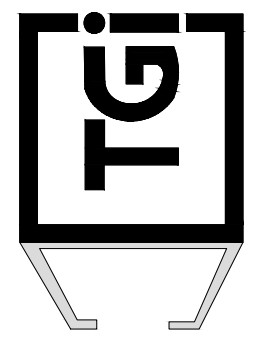
E THIN BRICK/STUCCO TRANSITION
@ MAIN ENTRY WALL
SCALE: 1 1/2" - 1'-0"

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

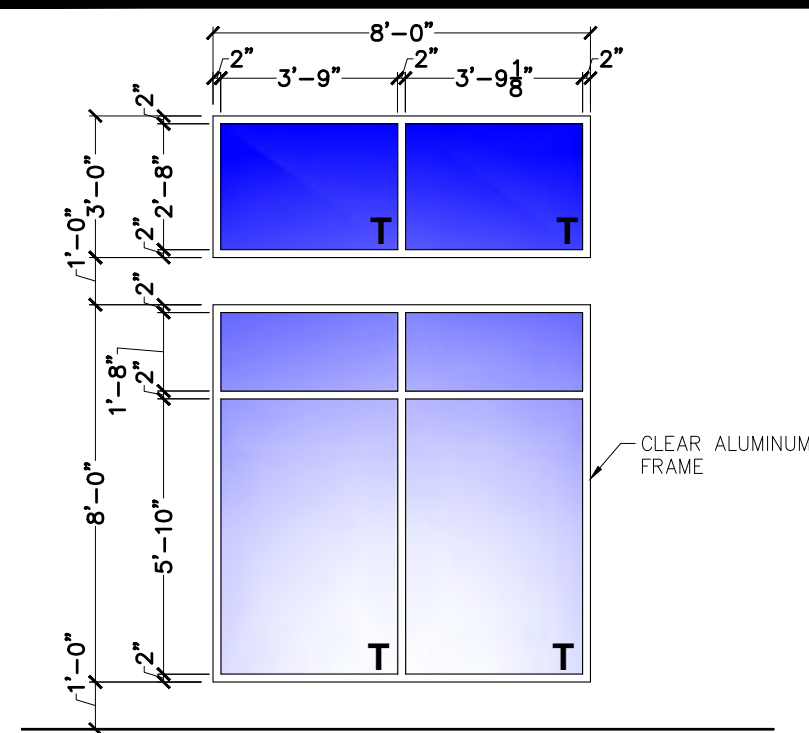
ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAY BE REPRODUCED OR USED IN CONNECTION WITH ANY WORK, OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED, WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE ARCHITECT.



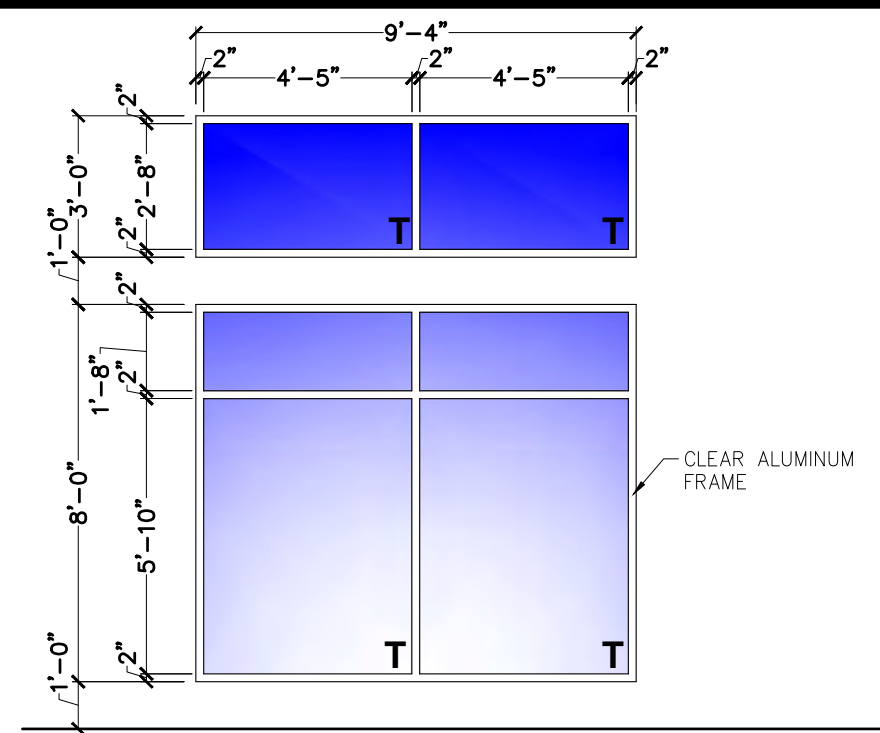
TECHNICAL GROUP, INC.
9000 WASHINGTON BLVD, SUITE 100
P: 248-474-8000 F: 248-474-7004



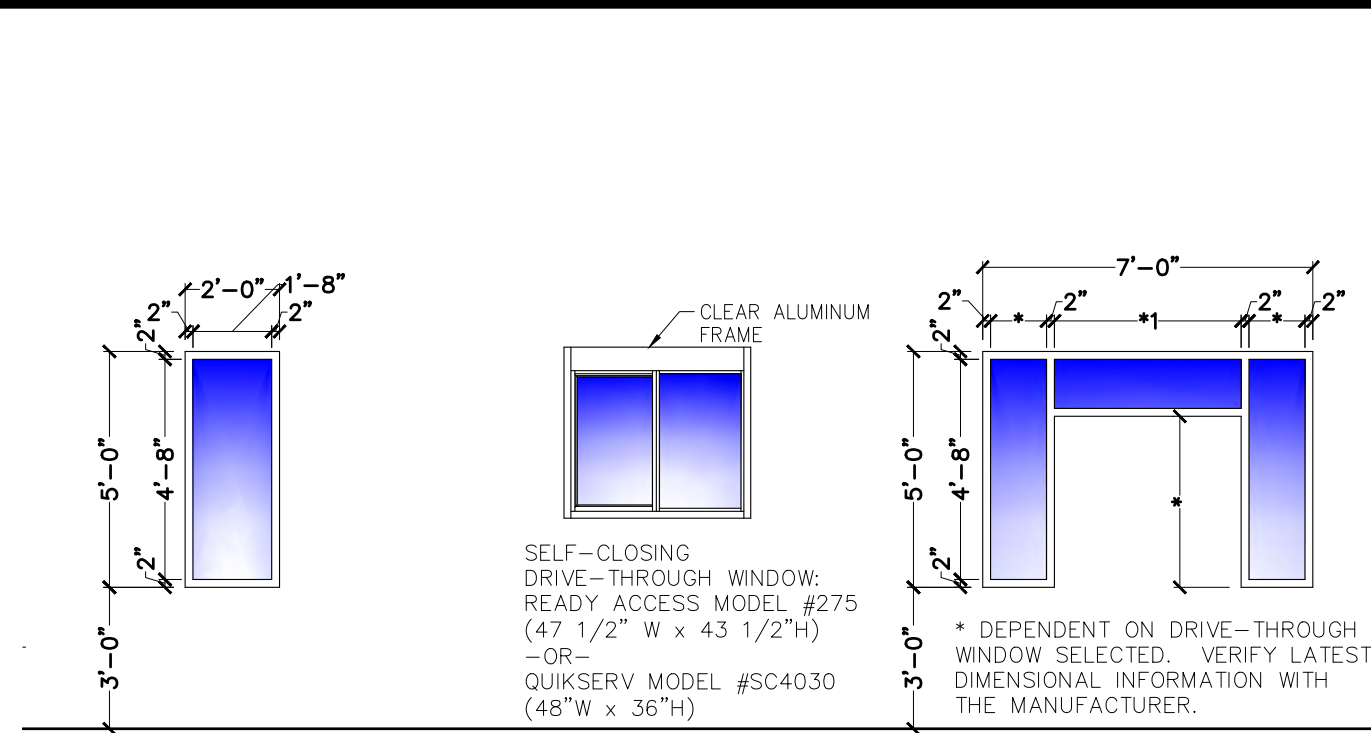
PROJECT	BURGER KING 1440 N APPARTEE ST ELKHART, IN 46514
SHEET TITLE	WALL SECTIONS AND DETAILS
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.	
JOB #	TG-21668
SHEET	A-9



WINDOW $\frac{1}{4}'' = 1'-0''$



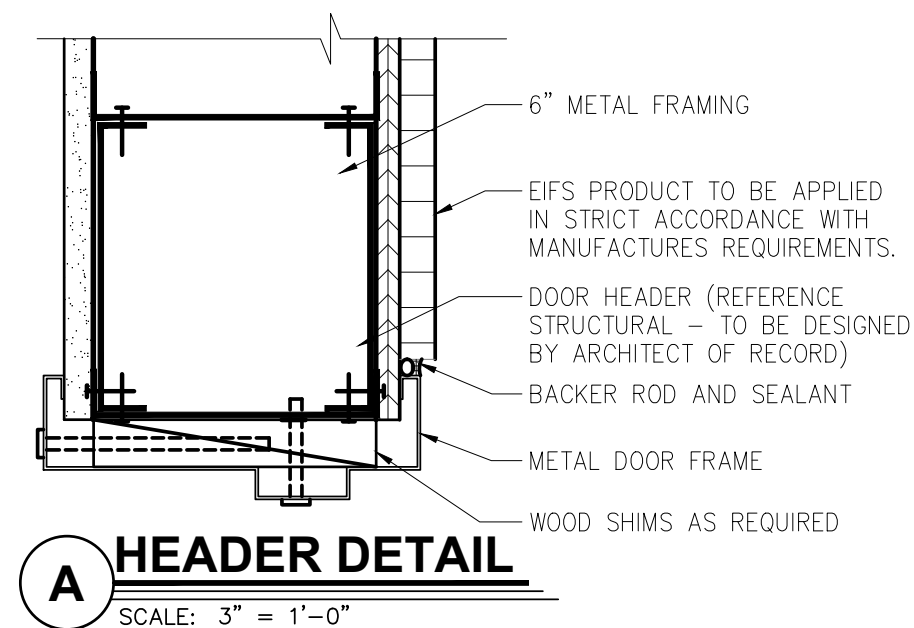
WINDOW $\frac{1}{4}'' = 1'-0''$



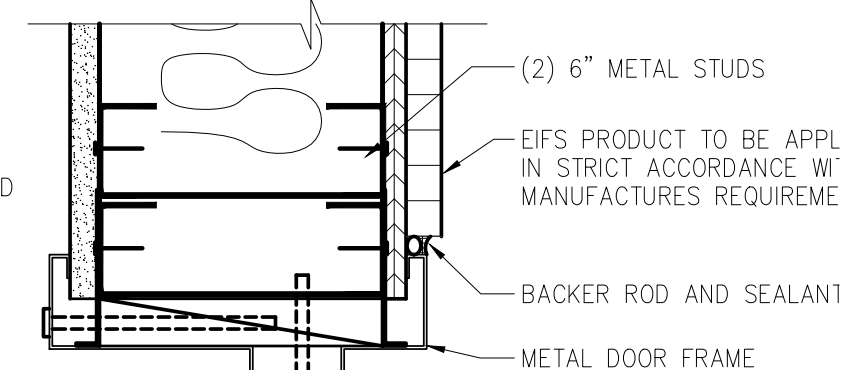
WINDOW $\frac{1}{4}'' = 1'-0''$

WINDOW $\frac{1}{4}'' = 1'-0''$

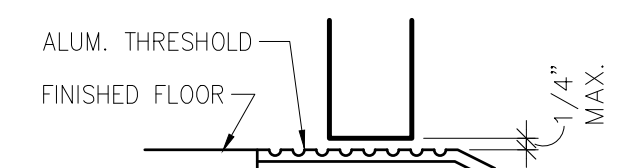
NOTE: ALL WINDOW OPENING SIZES TO BE VERIFIED ON SITE PRIOR TO FABRICATION.



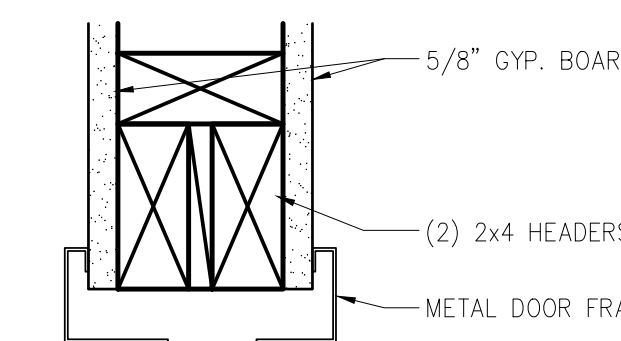
A HEADER DETAIL SCALE: 3" = 1'-0"



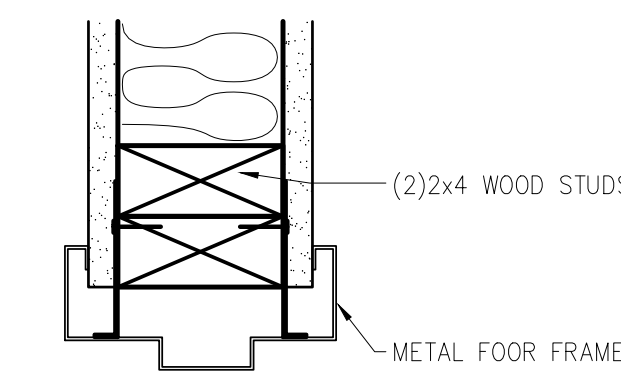
B JAMB DETAIL SCALE: 3" = 1'-0"



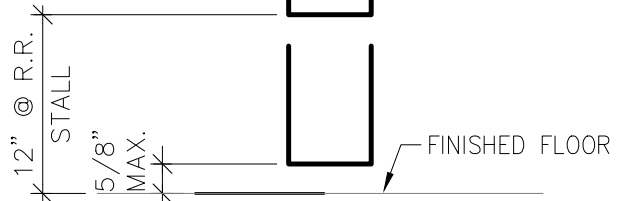
C THRESHOLD DETAIL SCALE: 3" = 1'-0"



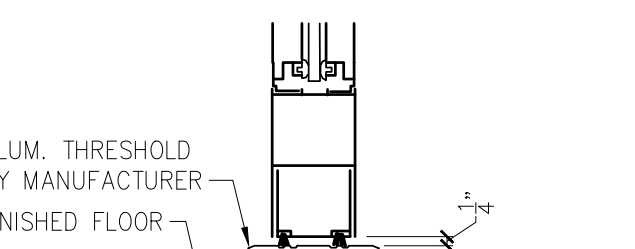
D HEADER DETAIL SCALE: 3" = 1'-0"



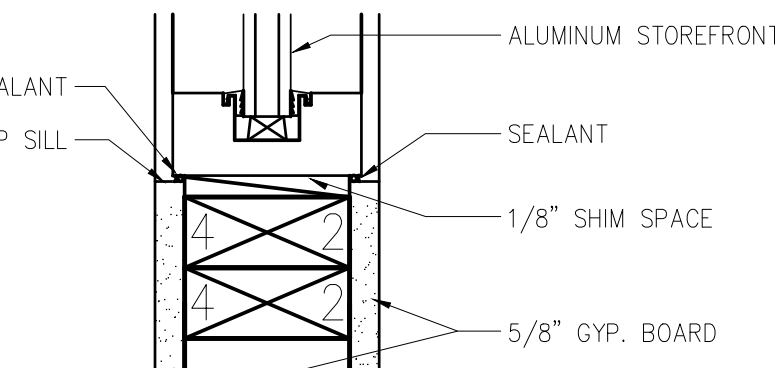
E JAMB DETAIL SCALE: 3" = 1'-0"



F THRESHOLD DETAIL SCALE: 3" = 1'-0"



G THRESHOLD DETAL SCALE: 3" = 1'-0"

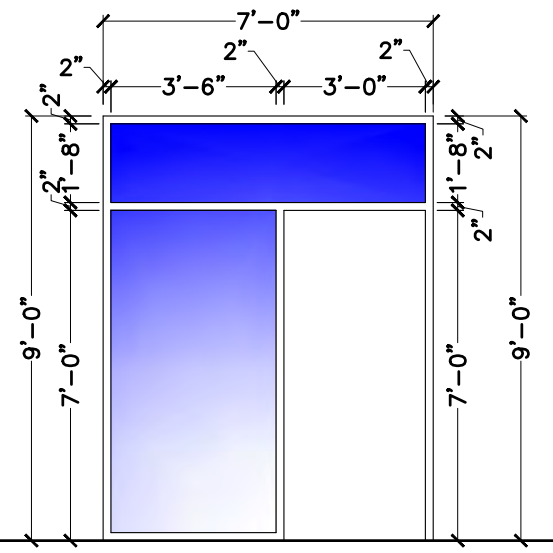


H OFFICE SILL DETAIL SCALE: 3" = 1'-0"

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

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)

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

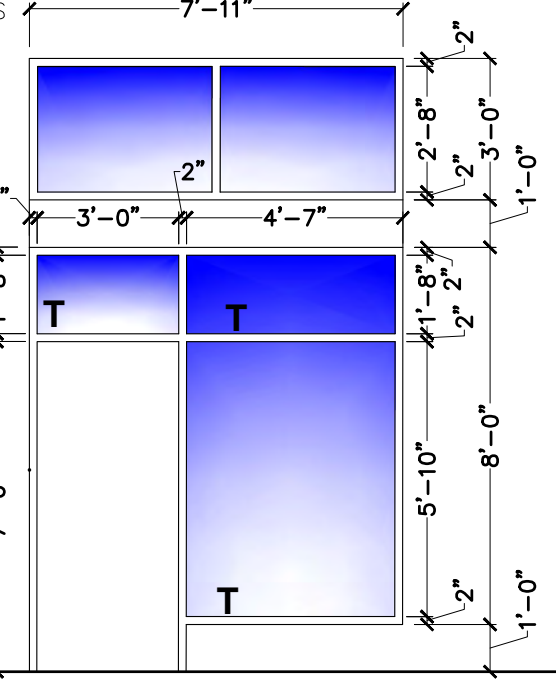


DOOR $\frac{1}{4}'' = 1'-0''$
DOOR FRAME $\frac{1}{4}'' = 1'-0''$
T = TEMPERED

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

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)

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

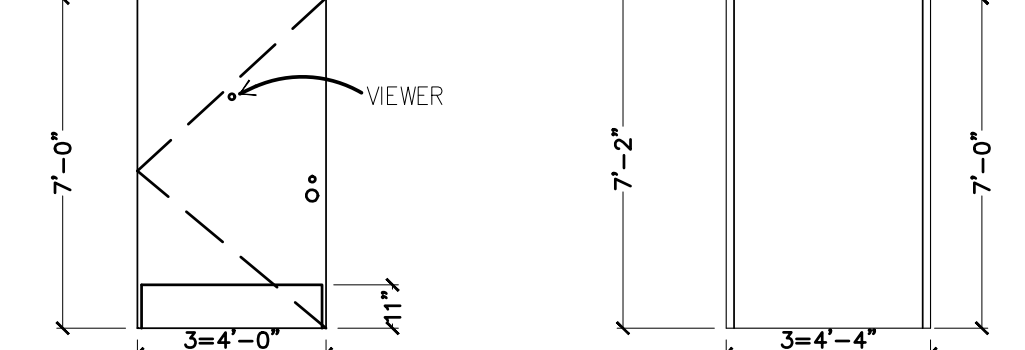


DOOR $\frac{1}{4}'' = 1'-0''$
DOOR FRAME $\frac{1}{4}'' = 1'-0''$
T = TEMPERED

DOOR
OPENING: 4'-0"x7'-0"x1 3/4" MD x MF
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 22E0 x 889 (DOOR #3)
THRESHOLD: 1 EACH LCN 4116 EDA (DOOR #3) & LCN 4116 EDA (DOOR #4)
CLOSER: 1 EACH ROCKWOOD 622 x 626
VIEWER: 1 EACH HAGER 1935 10"x2" LDW 628 (INSTALL W/FLAT HEAD PHILLIPS HEAD SCREWS)
KICKPLATES: 1 EACH NATIONAL GUARD 325 x 48" x AL
DOOR SWEEP: 1 EACH NATIONAL GUARD 2008A x 48"
WEATHERSTRIP: 1 SET NATIONAL GUARD 1605A 1048", 2084"
DOOR 4: MATCH LOCKSET/TRIM OF DOOR #4
PROVIDE 8"x16"W LOUVER AT BOTTOM OF DOOR

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



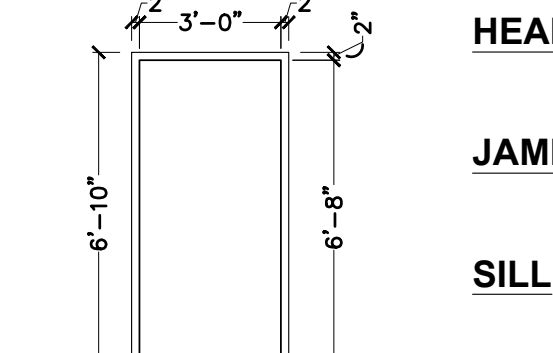
DOOR $\frac{1}{4}'' = 1'-0''$
DOOR FRAME $\frac{1}{4}'' = 1'-0''$

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

FRAME
MATERIAL: ALUMINUM
FINISH: REFERENCE ID SHEETS.

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)



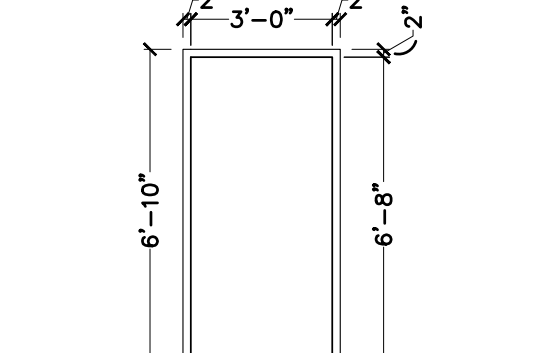
DOOR $\frac{1}{4}'' = 1'-0''$
DOOR FRAME $\frac{1}{4}'' = 1'-0''$

DOOR
OPENING: 3'-0"x6'-8"x1 3/4" MD x MF
MATERIAL: SOLID CORE HPL
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
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)
3 EACH HAGER 307D RBR
SILENCERS:
NOTE: UNDERCUT DOOR 1" FOR AIR FLOW WHEN HVAC SUPPLY NOT PROVIDED. (REF. SHEET M-1)

FRAME
MATERIAL: ALUMINUM
FINISH: REFERENCE ID SHEETS

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 #50-101



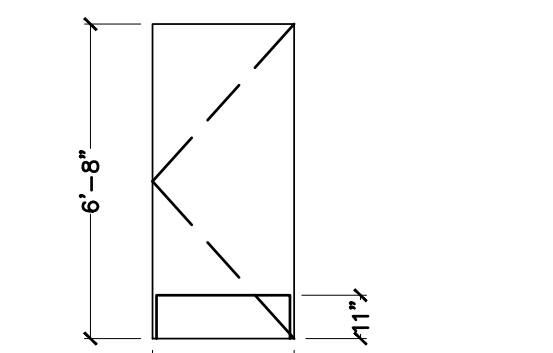
DOOR $\frac{1}{4}'' = 1'-0''$
DOOR FRAME $\frac{1}{4}'' = 1'-0''$

DOOR
OPENING: 3'-0"x6'-8"
MATERIAL: SOLID CORE HPL/GLASS
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

FRAME
MATERIAL: ALUMINUM
FINISH: REFERENCE ID SHEETS.

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)

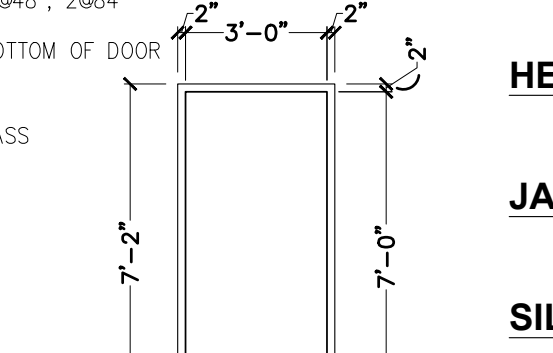


DOOR $\frac{1}{4}'' = 1'-0''$
DOOR FRAME $\frac{1}{4}'' = 1'-0''$

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

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 L9453 MORTISE 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 2008A x 48"
WEATHERSTRIP: 1 SET NATIONAL GUARD 1605A 1048", 2084"
DOOR 12&13: MATCH TRIM OF DOOR #4
PROVIDE 8"x16"W LOUVER AT BOTTOM OF DOOR

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



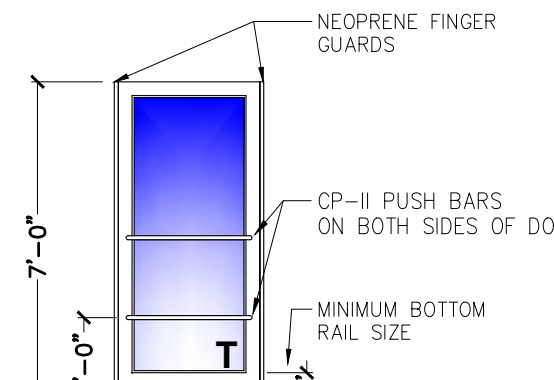
DOOR $\frac{1}{4}'' = 1'-0''$
DOOR FRAME $\frac{1}{4}'' = 1'-0''$

INTERIOR ENTRY INTO PLAYGROUND:

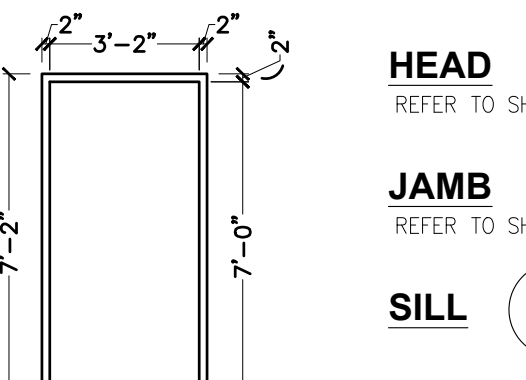
DOOR
OPENING: 3'-2"x7'-0"x1 3/4" AD x AF
MATERIAL: ALUMINUM / GLASS
FINISH: CLEAR

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 SILL.
1 ADAMS RITE 1852A DEADBOLT LOCK

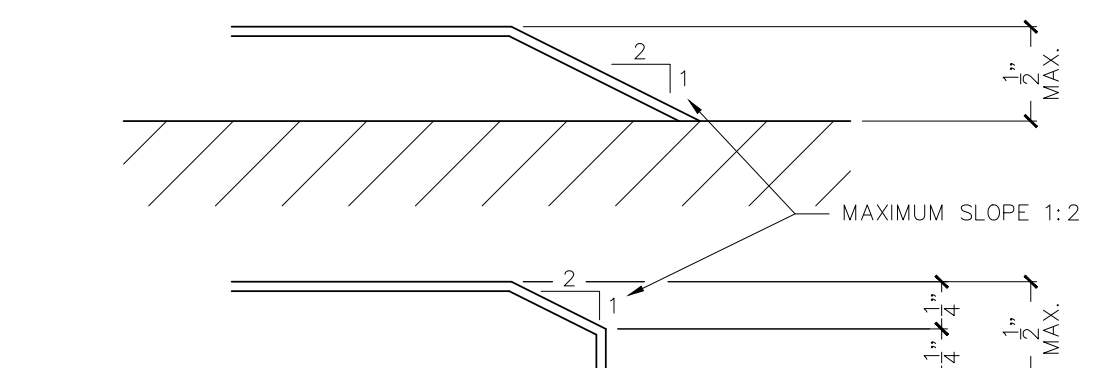
FRAME
MATERIAL: ALUMINUM
FINISH: CLEAR
REMARKS
DUMMY CYLINDERS SHALL BE PROVIDED ON THE EXTERIOR OF ALL DOORS EXCEPT AT MAIN ENTRY.



DOOR $\frac{1}{4}'' = 1'-0''$
T = TEMPERED



DOOR FRAME $\frac{1}{4}'' = 1'-0''$



ACCESSIBLE THRESHOLD REQUIREMENTS SCALE: 1'-0" = 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	TA4376		
BOMMER	BB5000	BB5004		

Locks - Provide features, functions and finish as shown in hardware sets.				
FALCON - DEADLOCK	D871			NO SUBSTITUTIONS
SCHLAGE	AL53PD	AL405		
YALE	AU5307LN	AU5302LN		
FALCON	B511D	B301D		

Exit Device - Provide features, functions and finish as shown in hardware sets.				
VON DUPRIN	22 ED			
YALE	2100 ED			
SARGENT	3928 ED			

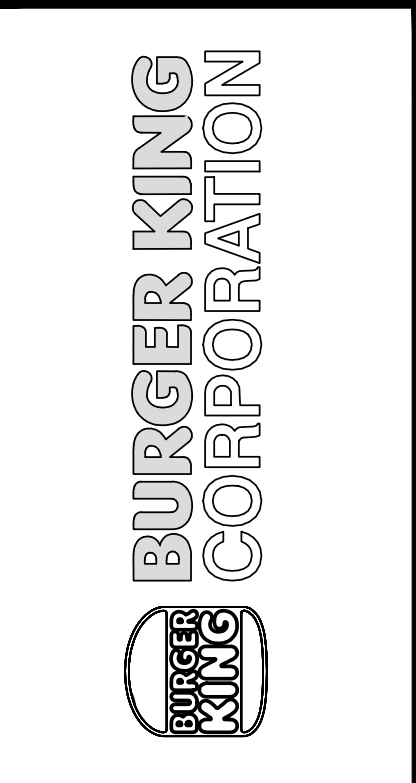
Closers - Provide features, functions and finish as shown in hardware sets.				
LCN	1461	4115 H-CUSH		
YALE	3301	4425T / 4421T		
DORMA	661G	891 G D5T / 895G D5T		

Push/Pull, KP, Stops, Etc. - Provide features, functions, size and finish as shown in hardware sets.					
HAGER	KICKPLT 1935	PULL PLT H33E	PUSH PLT 305	FL STOP 241F	VIEWER 1756
ROCKWOOD	K1050 B3E	BF106 X 70C	70C	441 CU	409
TRIMCO	K0050	1017-3x2 1/2 PKD.	1001-3	1211	1270HV

Weatherstripping, Thresholds, Etc. - provide features, functions, size and finish as shown in hardware sets.				
NATIONAL GUARD	THRESHOLD 325A	SWEEP 2008A	WEATHERSTRIP 1605A	
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

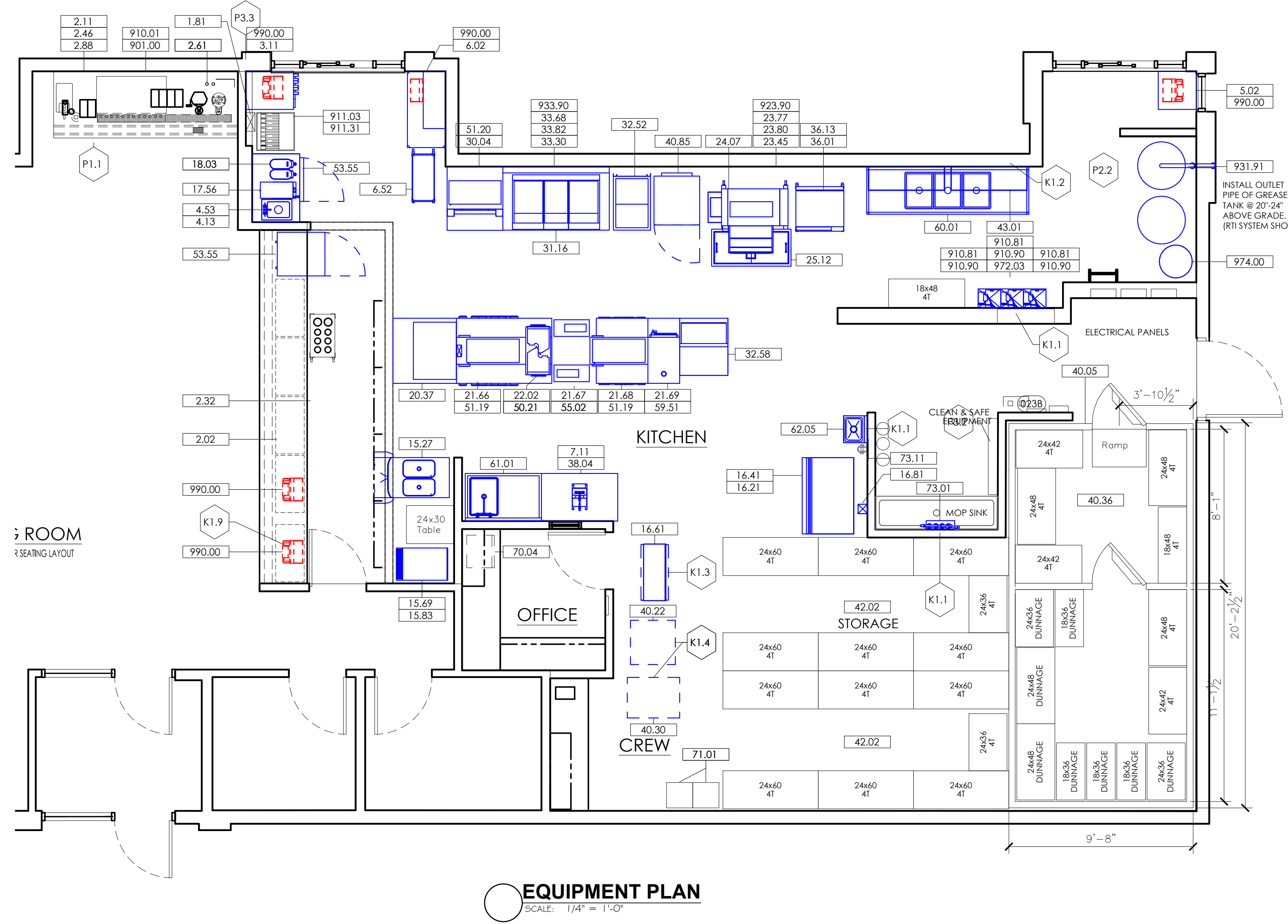


PROJECT	BURGER KING 1440 NAPPAWEE ST. ECHART, IN 46514
SHEET TITLE	DOOR AND WINDOW SCHEDULE
JOB #	TG-21668
SHEET	A-10

ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT WRITTEN AUTHORIZATION FROM THE ARCHITECT.

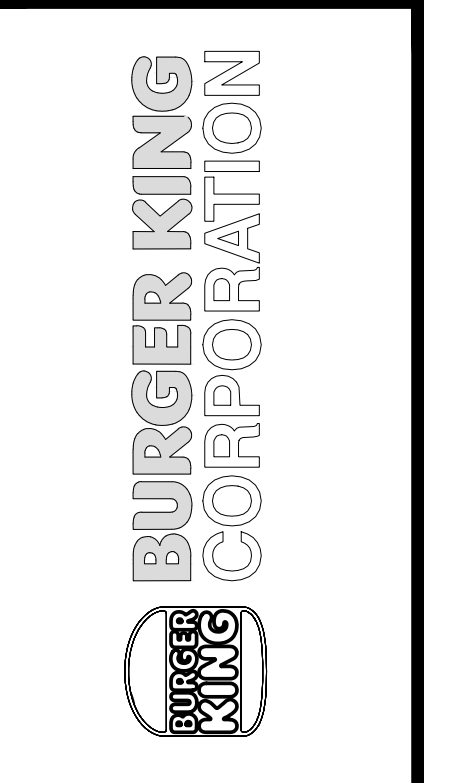
KES EQUIPMENT SCHEDULE

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	-	-	FRANKE
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	-	FRANKE
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	-	FRANKE
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	-	-	FRANKE
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	-	-	FRANKE
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	-	FRANKE
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	OC24HBC	-	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	-	FRANKE
71.01	2	LOCKER	PENCO PRODUCTS	EL10/S/GRAY	-	FRANKE
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



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

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



TECHNICAL GROUP Inc.
3716 HILLS TECH DRIVE
FARMINGTON HILLS, MI 48331
P: (248) 426-8000 F: (248) 426-7000



PROJECT: BURGER KING
1440 NAPPAWEE ST.
ELCHART, IN 46514

SHEET TITLE: EQUIPMENT PLAN

DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

JOB # **TG-21668**

SHEET **EQ-1**

HVAC SYSTEM

N-C-A

CONSULTANTS / GROUP
NATIONAL CORPORATE ACCOUNT SERVICES, INC.

DRAWINGS SHOWN ARE FOR PROTOTYPICAL CONSIDERATIONS ONLY. SITE-SPECIFIC DESIGN IS REQUIRED BY BURGER KING CORPORATION, AS A COURTESY. NCA CONSULTANTS PROVIDES SITE-SPECIFIC DESIGN WITH SITE-SPECIFIC PROFESSIONAL ENGINEER SEAL UNDER AN AGREEMENT BETWEEN NCA CONSULTANTS AND BURGER KING CORPORATION.

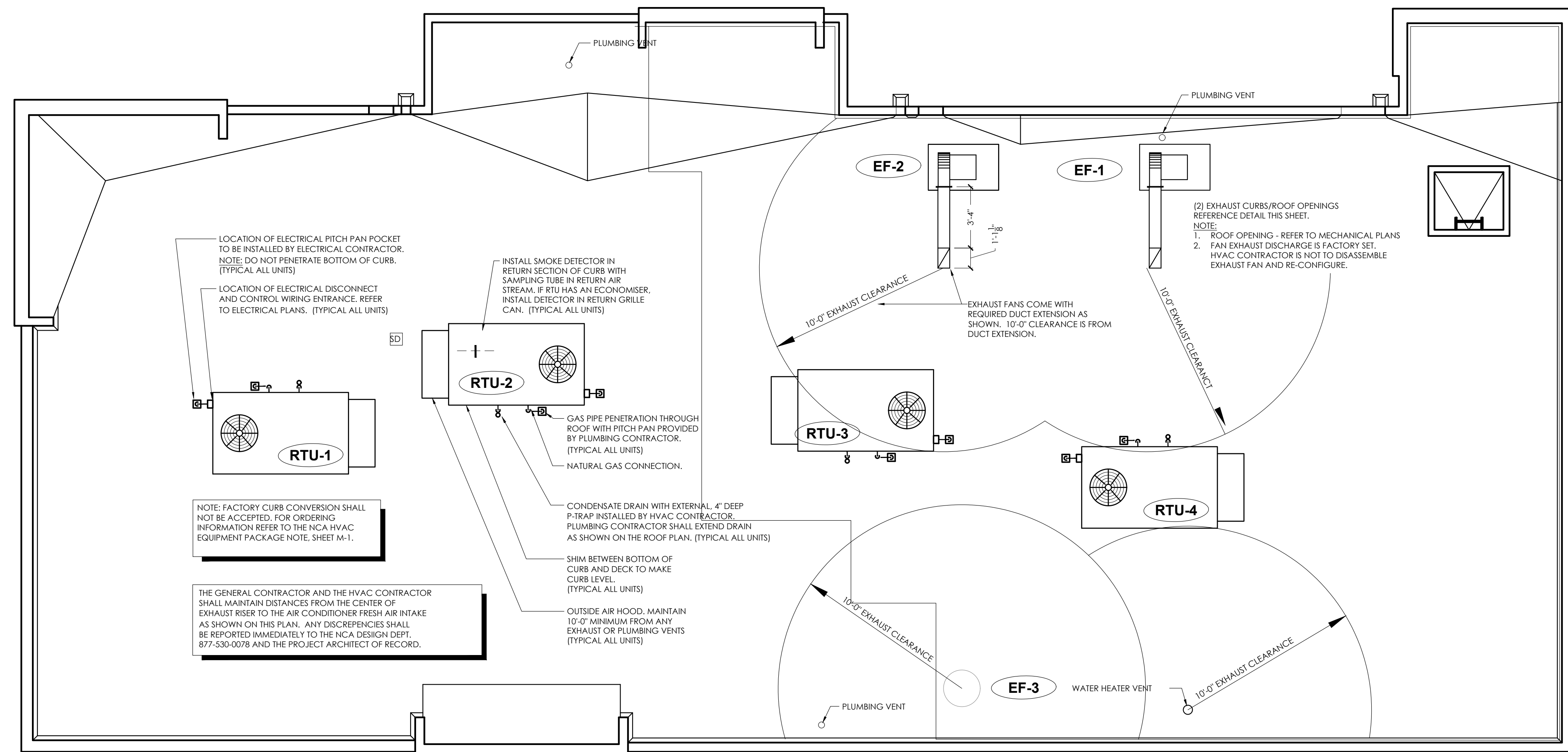
FOR SITE-SPECIFIC DESIGN, ARCHITECTS EMAIL REFLECTED CEILING PLAN, ELEVATIONS, KITCHEN PLANS, FLOOR PLAN, SITE PLAN, EXTERIOR ELEVATIONS, AND ROOF STRUCTURAL PLAN TO DESIGN@NCACONSULTANTS.COM

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

DATE	DESCRIPTION	BY	REV
10-12-18	PROTOTYPE USE ONLY		

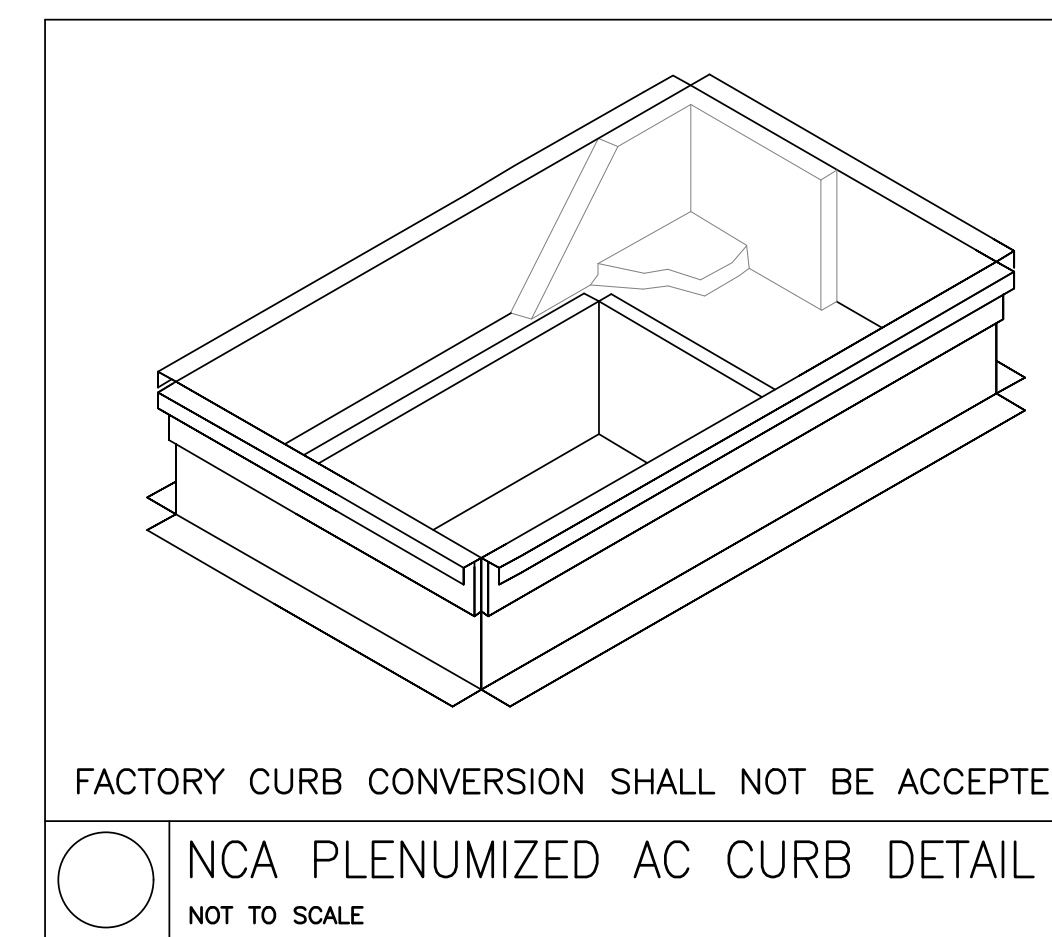
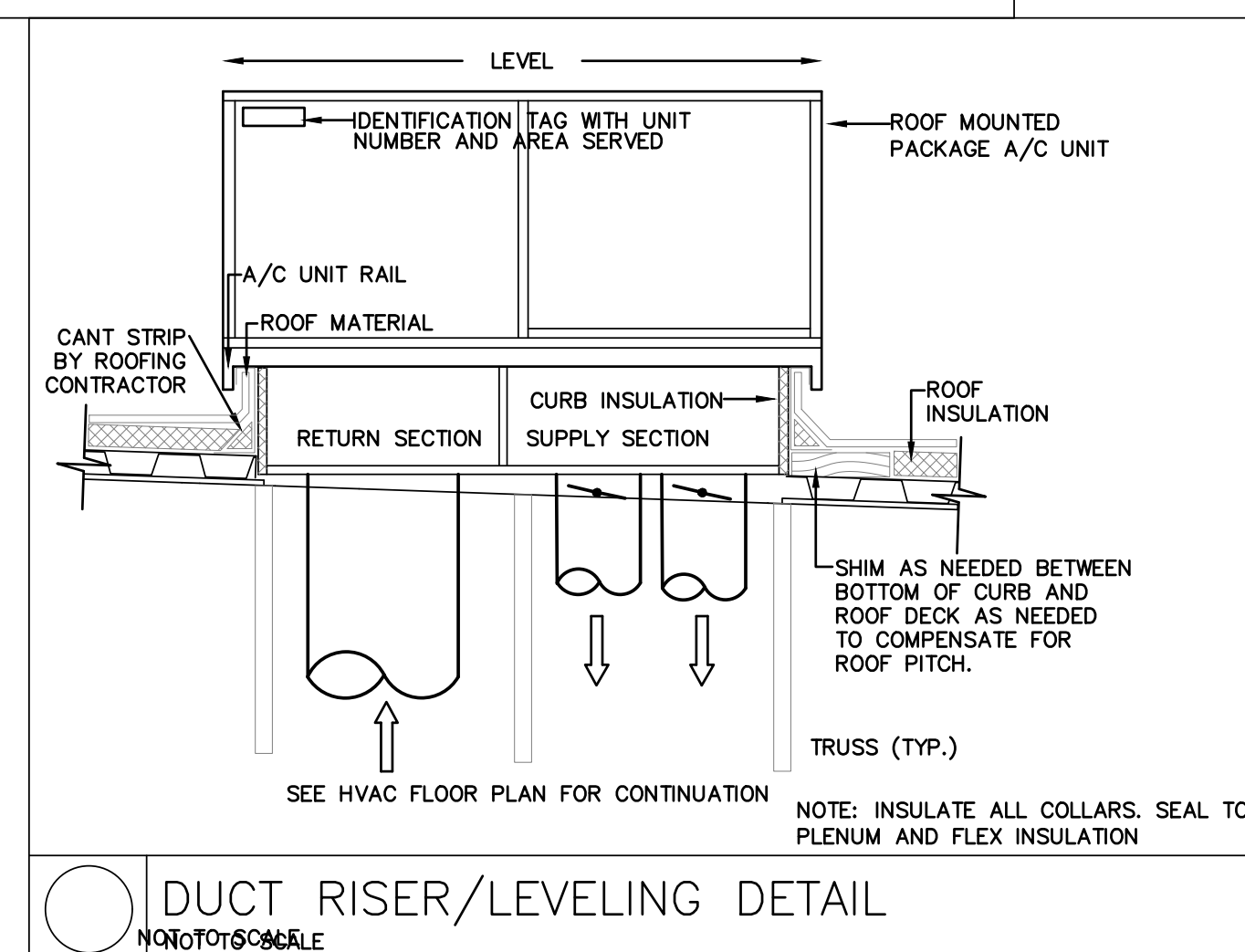
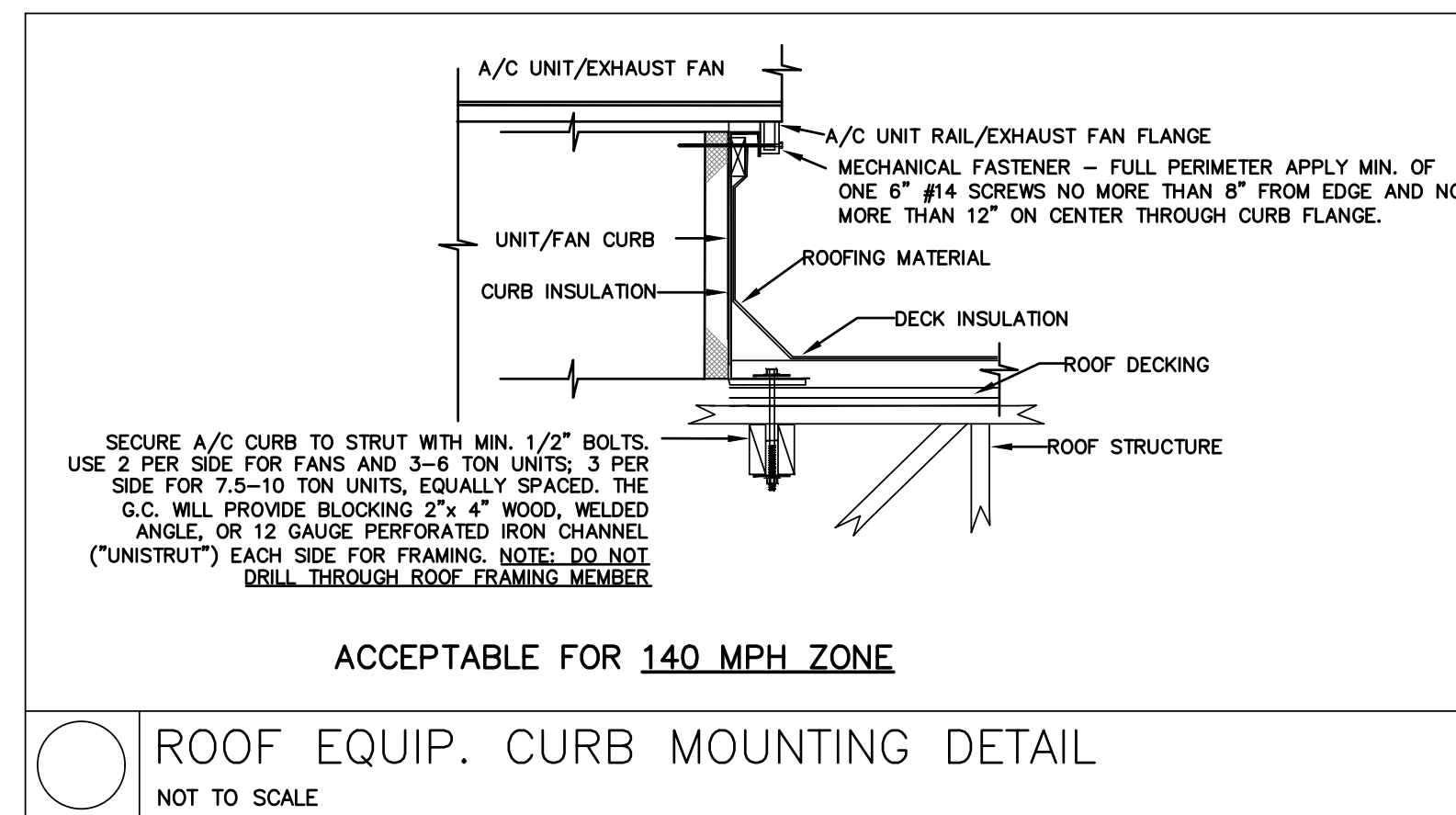
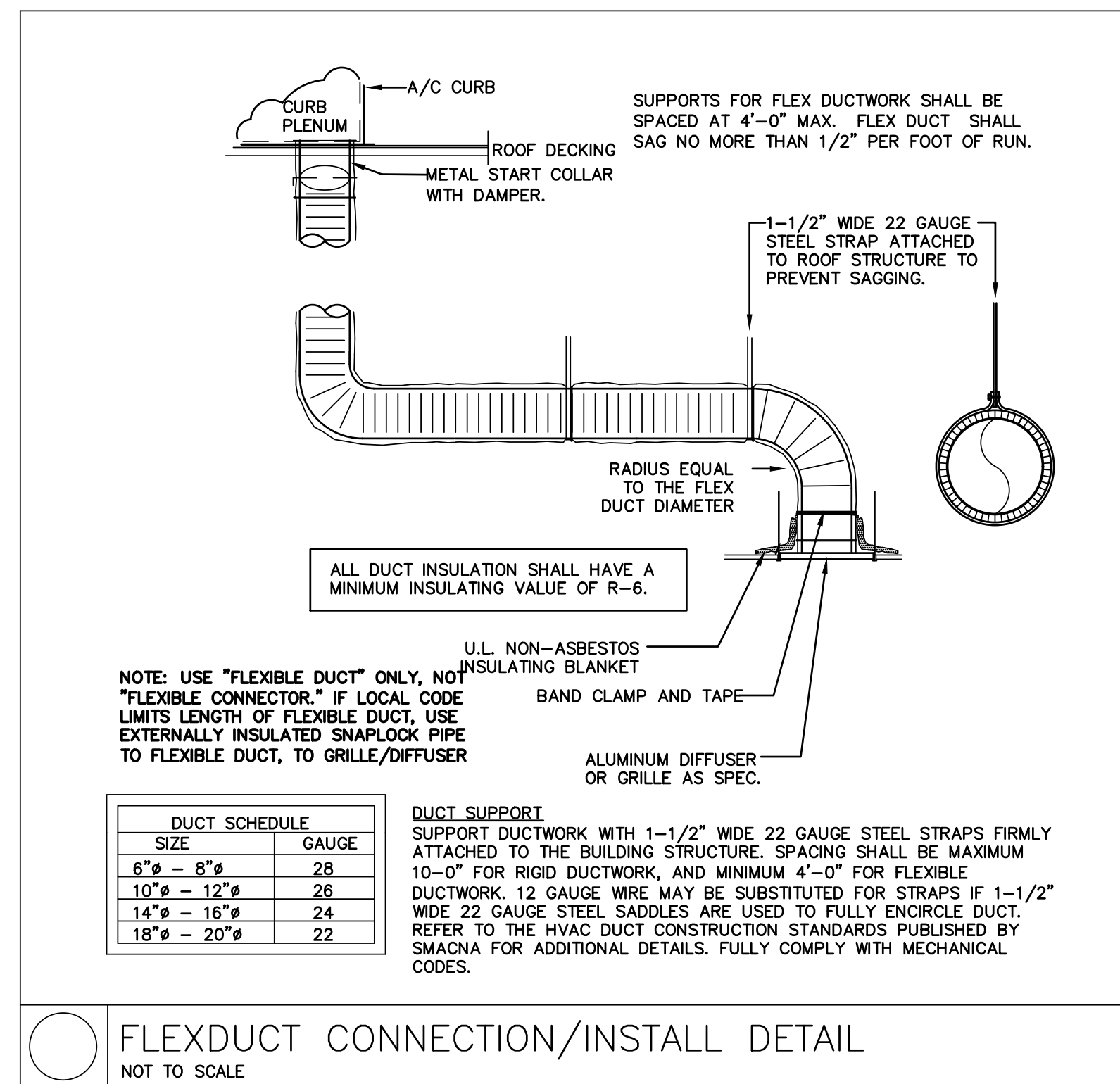
NOT FOR CONSTRUCTION

© Copyright 2018- Drawings, specifications, notes, database, computer files, field data, and reports as instruments of service prepared by the Design of Record. As instruments of services, these items remain the property of the Design of Record, who shall retain all statutory and other reserved rights, including the copyright thereto. Any use, reproduction or changes to these documents without written consent of NCA Consultants is a violation of federal copyright laws.



H.V.A.C. ROOF PLAN

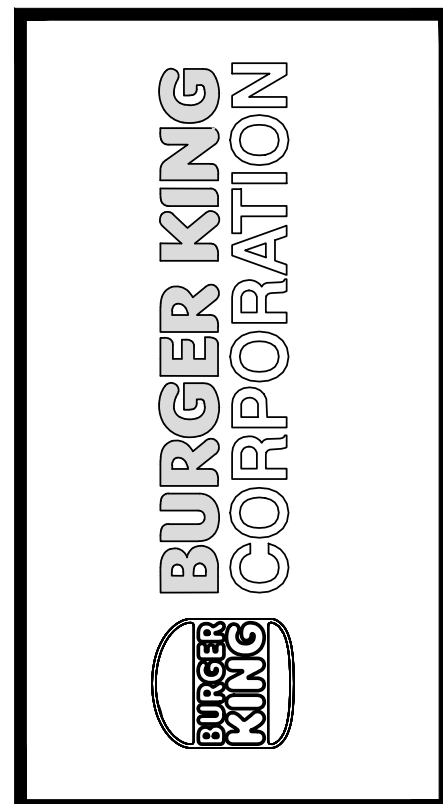
SCALE: 1/4" = 1'-0"



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

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

ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT WRITTEN AUTHORIZATION FROM THE ARCHITECT.



TECHNICAL GROUP INC.
3716 HILLS TECH DRIVE
FARMINGTON HILLS, MI 48331
P: (248) 768-8000 F: (248) 768-7000



PROJECT
BURGER KING
1440 NAPPANEE ST.
ELKHART, IN 46514

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

DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

JOB #
TG-21668

SHEET
M-2

7'-7" NORTH AMERICAN BROILER/OVEN HOOD

FOR BURGER KING CORPORATION

BROILER/OVEN HOOD MODEL: ELX-ND-BDL-PM-OB-43-(BK-NA-BOH-7-7)

Manufactured by:
GAYLORD INDUSTRIES

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

Draw no.: C-12644

Sheet: 1
Rev.: 05

HOOD LISTING AND APPROVAL REFERENCE

BROILER/OVEN HOOD INTERTEK TESTING SERVICES, INC.
BROILER HOOD IS E.T.L. LISTED EXHAUST HOODS WITHOUT EXHAUST DAMPERS, REPORT NO. 3130583CRT-008. TESTED UNDER U.L. STANDARD 710.

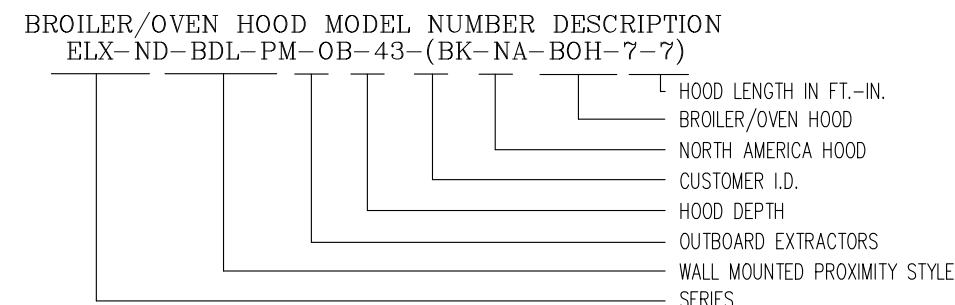
NATIONAL FIRE PROTECTION ASSOCIATION
MEETS ALL REQUIREMENTS OF NFPA-96
"STANDARD FOR VENTILATION CONTROL & FIRE PROTECTION OF COMMERCIAL COOKING OPERATIONS"

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.

NEW YORK CITY DEPARTMENT OF BUILDING
MEA NO. 113-89-M

MODEL NUMBER DESCRIPTION



DRAWING INDEX

Sheet #	Description
01	COVER SHEET
02	INDEX AND MODEL NUMBER DESCRIPTION
03	CONTACT INFORMATION
04	LISTING, TESTING AND APPROVALS
05	SPECIFICATIONS
06	ELEVATION VIEW WITH NICO BROILER
06.1	ELEVATION VIEW WITH DUKE BROILER
07	SECTION VIEW WITH NICO BROILER
07.1	SECTION VIEW WITH DUKE BROILER
08	LEFT AND RIGHT END VIEWS AND LABELING LOCATION
09	PLAN VIEW
10	FRONT ELEVATION VIEW-UTILITY CHASE
11	PLAN VIEW-UTILITY CHASE
12	TYPICAL GAS APPLIANCE CONNECTION DETAILS
13	PLAN VIEW-FIRE SYSTEM PIPING LOCATIONS
14	AMEREX PRE-PIPING DETAILS
14.1	OPTIONAL ANSUL PRE-PIPING DETAILS
15	STANDARD FRYER HOOD MOUNTED FIRE SYSTEM ARRANGEMENT
16	OPTIONAL WALL MOUNTED FIRE SYSTEM ARRANGEMENT
17	ENCLOSURE PANEL DETAILS
18	HOOD HANGING DETAILS
19	WALL FLASHING DETAILS
20	EXHAUST FAN DETAILS
21	ROOF CURB MOUNTING INSTRUCTIONS
22	EXHAUST FAN DUCT EXTENSION DETAILS
23	METAL-FAB GREASE DUCT DETAILS
23.1	OPTIONAL SQUARE DUCT KIT
24	PROCEDURE TO CONFIRM HOOD EXHAUST VOLUME
25	BK HOOD-EXHAUST FAN-FIRE SYSTEM-HVAC SYSTEM CONTROL MATRIX

REV#	DATE	DESCRIPTION	APPROV#	DATE	BY	CHK#	DATE	BY	CHK#
05	11/25/09	ADD SHEET 23.1							
04	08/08/11	ADDED 2 SHEETS REVISED TO ELX							
03	06/22/10	ADDED SHEET							
02	2/24/10	NO CHANGE							

REV#	DATE	DESCRIPTION	APPROV#	DATE	BY	CHK#	DATE	BY	CHK#
05	11/25/09	ADD NOTES ON SQUARE DUCT OPTION							
04	08/08/11	REVISED MODEL # TO ELX							
03	06/22/10	NO CHANGE							
02	2/24/10	NO CHANGE							

Contact Information for the Job Site Contractor

Typically the package provided by Gaylord Industries includes the following:
1. One Hood
2. One Metal Fab UL listed grease exhaust duct system
3. One Loren Cook exhaust fan
4. One Amerex fire system, to serve both Broiler & Fryer Hoods.

The shipment from Gaylord includes the following:
1. Broiler Hood
2. Broiler Hood Enclosure Panels
3. Broiler Hood Wall Flashing
4. One Exhaust Fan Discharge Duct Extension

The Metal-Fab grease exhaust duct systems are dropped shipped from their factory in Wichita, Kansas.

NOTE 1: If optional Square Duct Kit is ordered, the kit will be shipped with the hood.

The Loren Cook exhaust fans and roof curb is dropped shipped from their factory in Springfield, Missouri.

Contact Information (Cont.)

Shipments 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: 971-233-1238
E-Mail: johna@gaylordusa.com

Hood Installation Questions
Gaylord Industries, Tualatin, Oregon:
1. John Anderson Direct Phone: 971-233-1238
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 an Amerex fire system. The package from Gaylord includes complete installation of the Amerex fire system including all pipes, permits, check out and certification. The local Amerex distributor will bring all the system components at the time of installation.

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., Marietta, WI
Office Phone: 800-862-6785

NORTH AMERICAN BROILER/OVEN HOOD SPECIFICATIONS

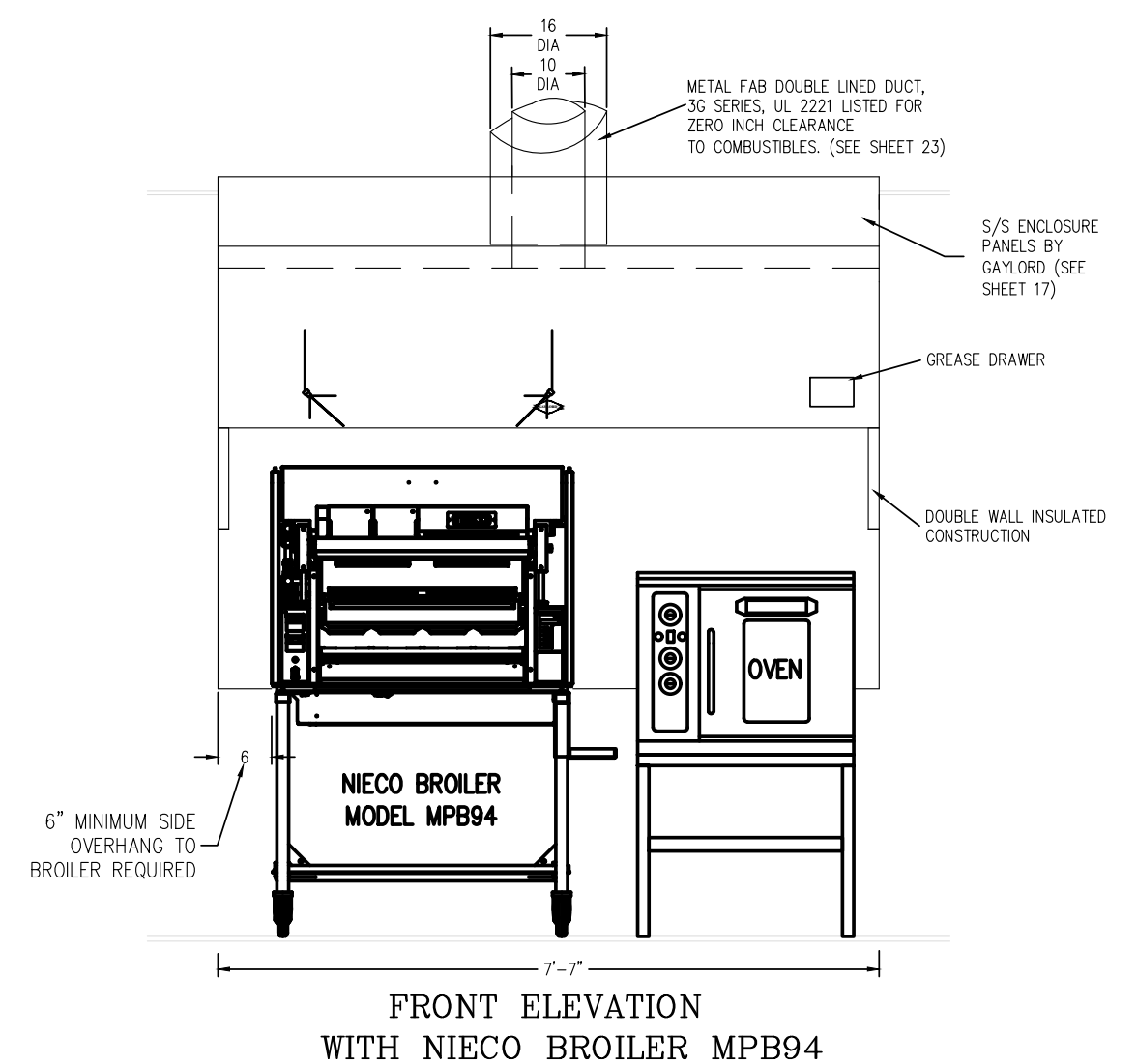
Broiler/Oven Hood Specifications

Gaylord Model ELX-ND-BDL-PM-OB-43-(BK-NA-BOH-7-7), canopy style wall mounted broiler/oven hood 7'-7" long x 43" front to back. The hood is specifically designed to go over a Neco MPB94 or Duke FBB broiler and a half size convection oven. The hood is designed for either a Standard or Reverse ROC building. The ends and front panels are insulated double wall construction, and the top is covered with 3" thick insulation. The hood utilizes patented high efficiency stainless steel Gaylord XGS Extractors. The extractor testing mirror ASTM Standard F2519-2005, and are ETL Listed to UL Standard 1046. The hood design includes a built in 5" air space at the back for allowing direct mounting to a limited combustible wall (sheet rock on metal studs) 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 a stainless steel enclosure kit to fill the space between the top of the hood and the finished ceiling. The panels are constructed of 18 gauge type 430 stainless steel, number 4 finish.

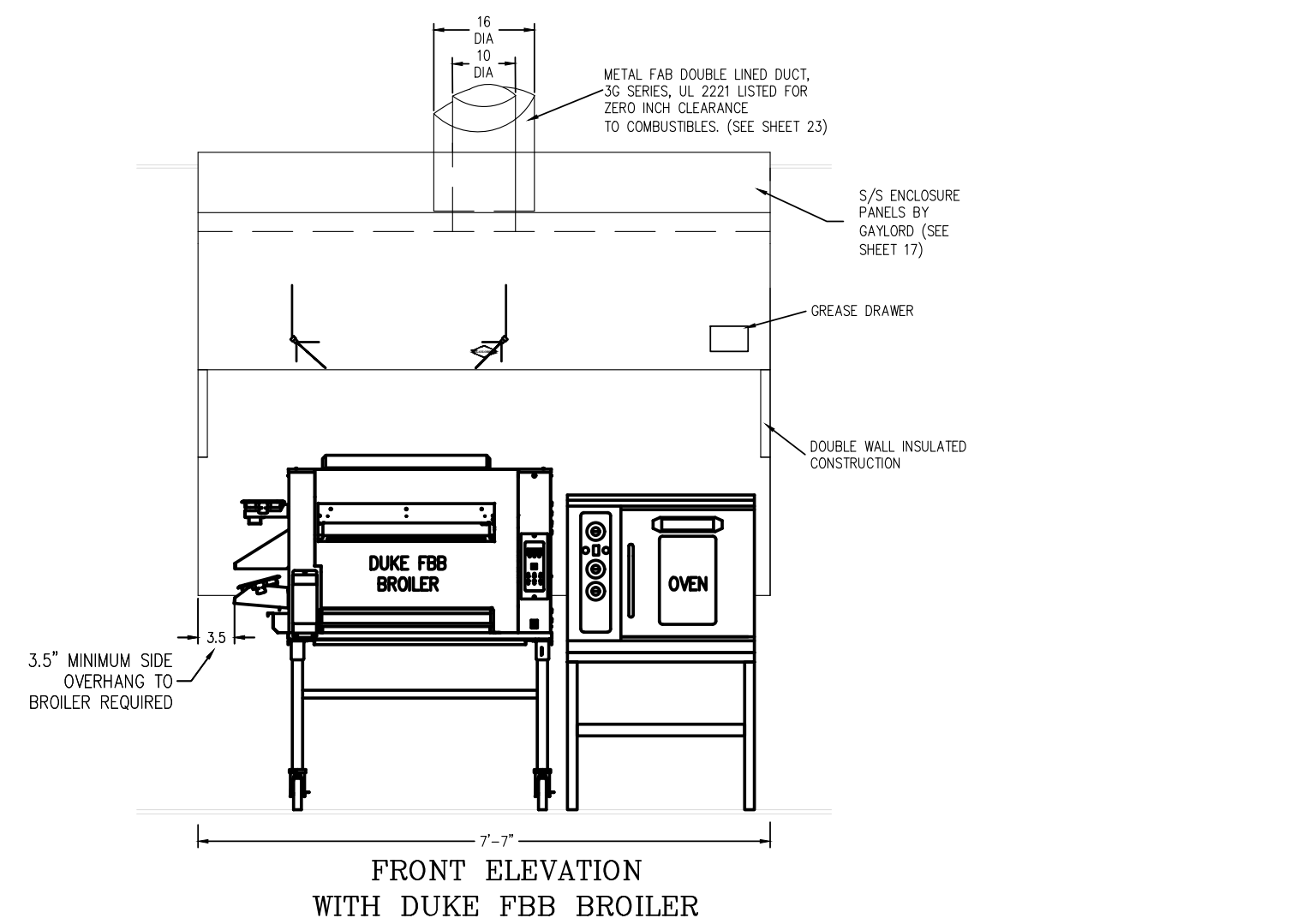
Wall Flashing One set of wall flashing for broiler/oven hood as shown on the drawings. Flashing is constructed of 18 gauge type 430 stainless steel, number 4 finish.

Hanging Weight. The hanging weight of the broiler/oven hood is 450 lbs.

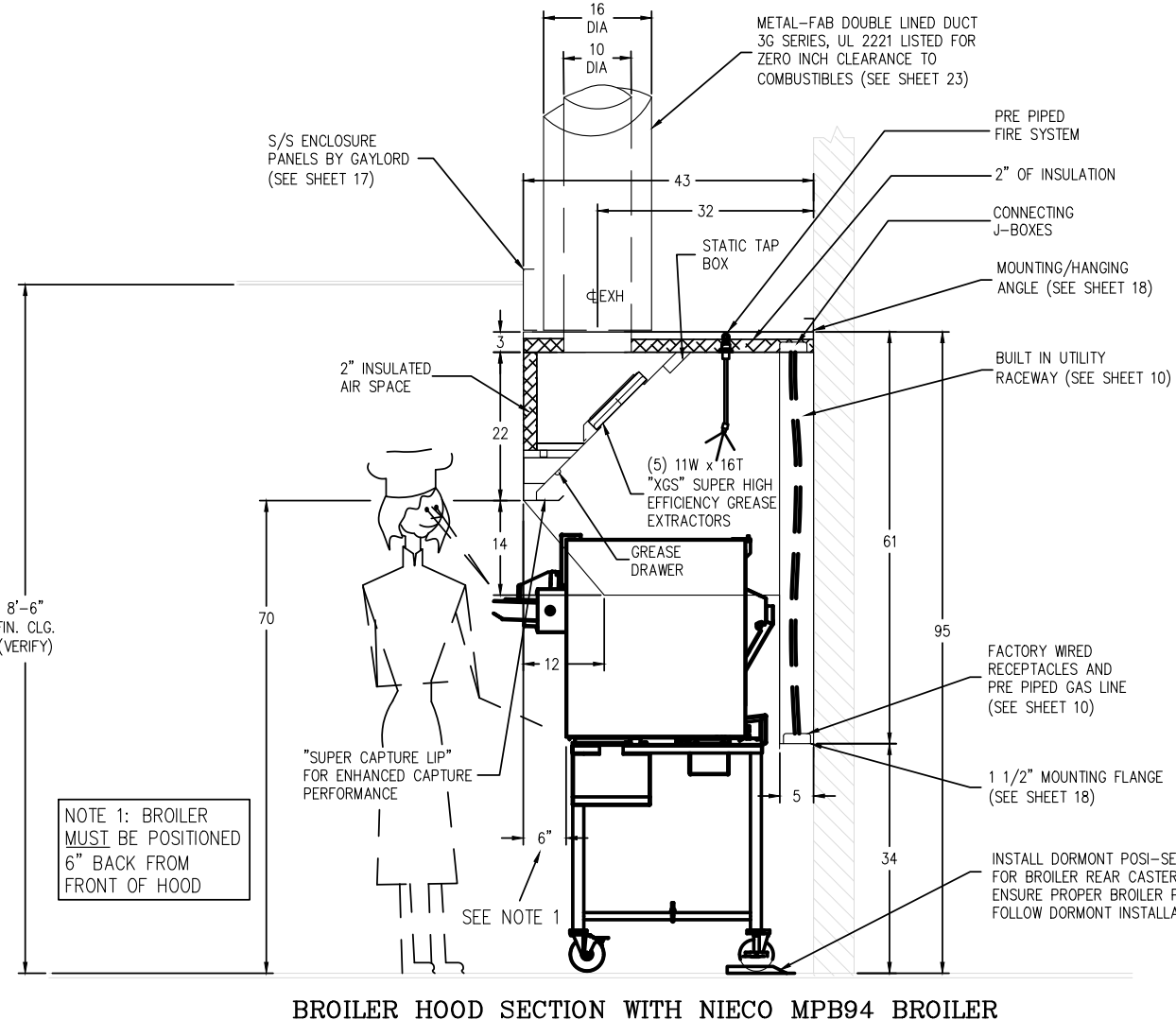


REV#	DATE	DESCRIPTION	APPROV#	DATE	BY	CHK#	DATE	BY	CHK#
05	11/25/11	NO CHANGE							
04	08/08/11	REVISED MODEL # TO ELX							
03	06/22/10	NO CHANGE							
02	2/24/10	LOWERED MOUNTING HEIGHT							

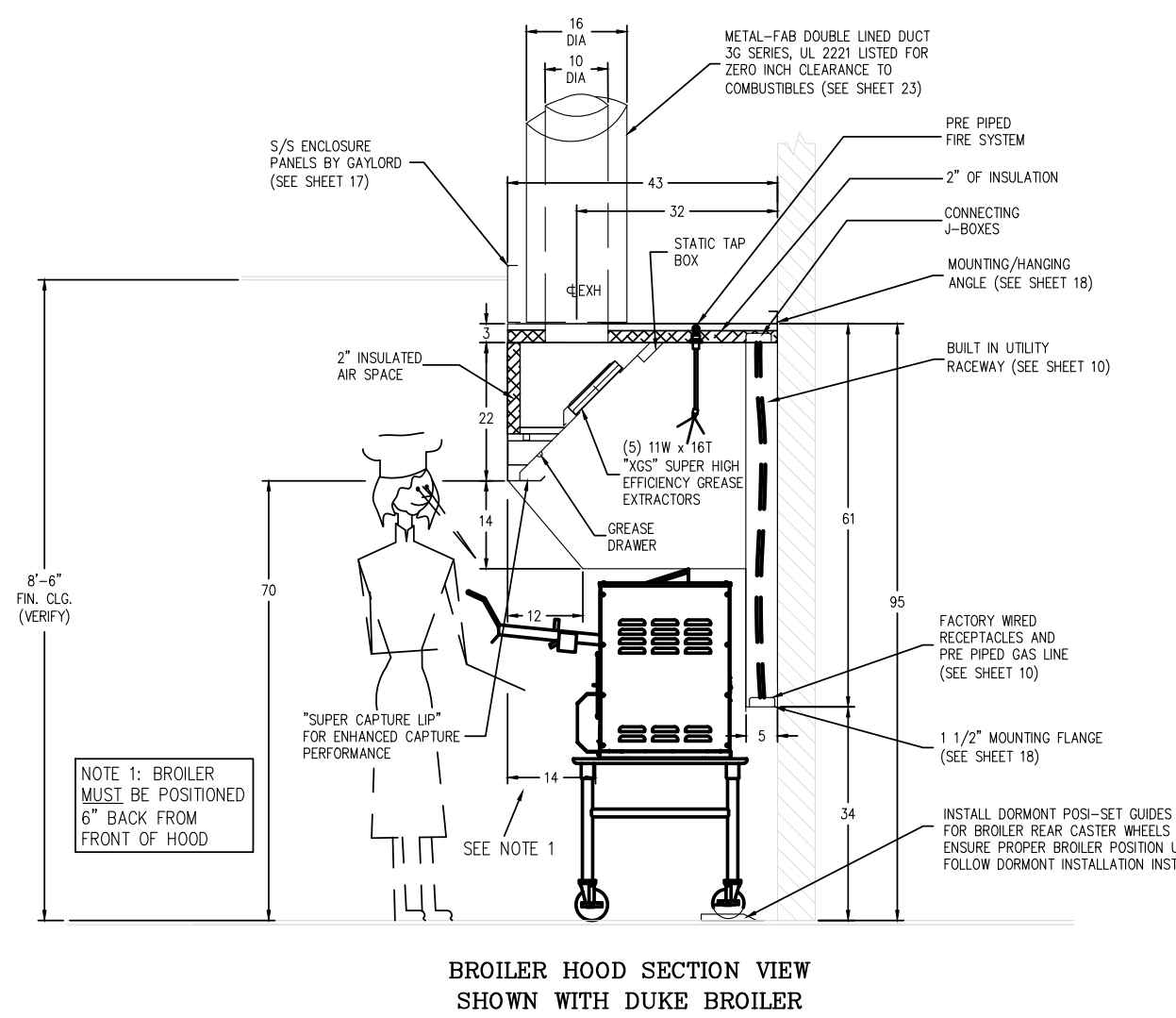
REV#	DATE	DESCRIPTION	APPROV#	DATE	BY	CHK#	DATE	BY	CHK#
05	11/25/11	NO CHANGE							
04	08/08/11	REVISED MODEL # TO ELX							
03	06/22/10	NO CHANGE							
02	2/24/10	NO CHANGE							



REV#	DATE	DESCRIPTION	APPROV#	DATE	BY	CHK#	DATE	BY	CHK#
05	11/25/11	NO CHANGE							
04	08/08/11	ADDED THIS SHEET & NEW EQUIP.							
03	06/22/10	NO CHANGE							
02	2/24/10	LOWERED MOUNTING HEIGHT							



REV#	DATE	DESCRIPTION	APPROV#	DATE	BY	CHK#	DATE	BY	CHK#
05	11/25/11	NO CHANGE							
04	08/08/11	REVISED MODEL # TO ELX							
03	06/22/10	MOVED DUCT FORWARD 3"							
02	2/24/10	LOWERED MOUNTING HEIGHT							



REV#	DATE	DESCRIPTION	APPROV#	DATE	BY	CHK#	DATE	BY	CHK#
05	11/25/11	NO CHANGE							
04	08/08/11	REVISED MODEL # TO ELX							
03	06/22/10	MOVED DUCT FORWARD 3"							
02	2/24/10	LOWERED MOUNTING HEIGHT							

FOR SUBMITTAL TO CITY PLANNING

NOTES

By: DB

Date: 11/25/09

No.: 1

Drawn By: CP

Checked: SB

Scale: AS NOTED

Date: 11/25/09

ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT WRITTEN AUTHORIZATION FROM THE ARCHITECT.



TECHNICAL GROUP, INC.

3774 HILLS TECH DRIVE (4851)

Ft. Worth, TX 76116

F: (281) 426-7004

TGI



PROJECT: BURGER KING (SEE SET), ELKHART, IN 46514

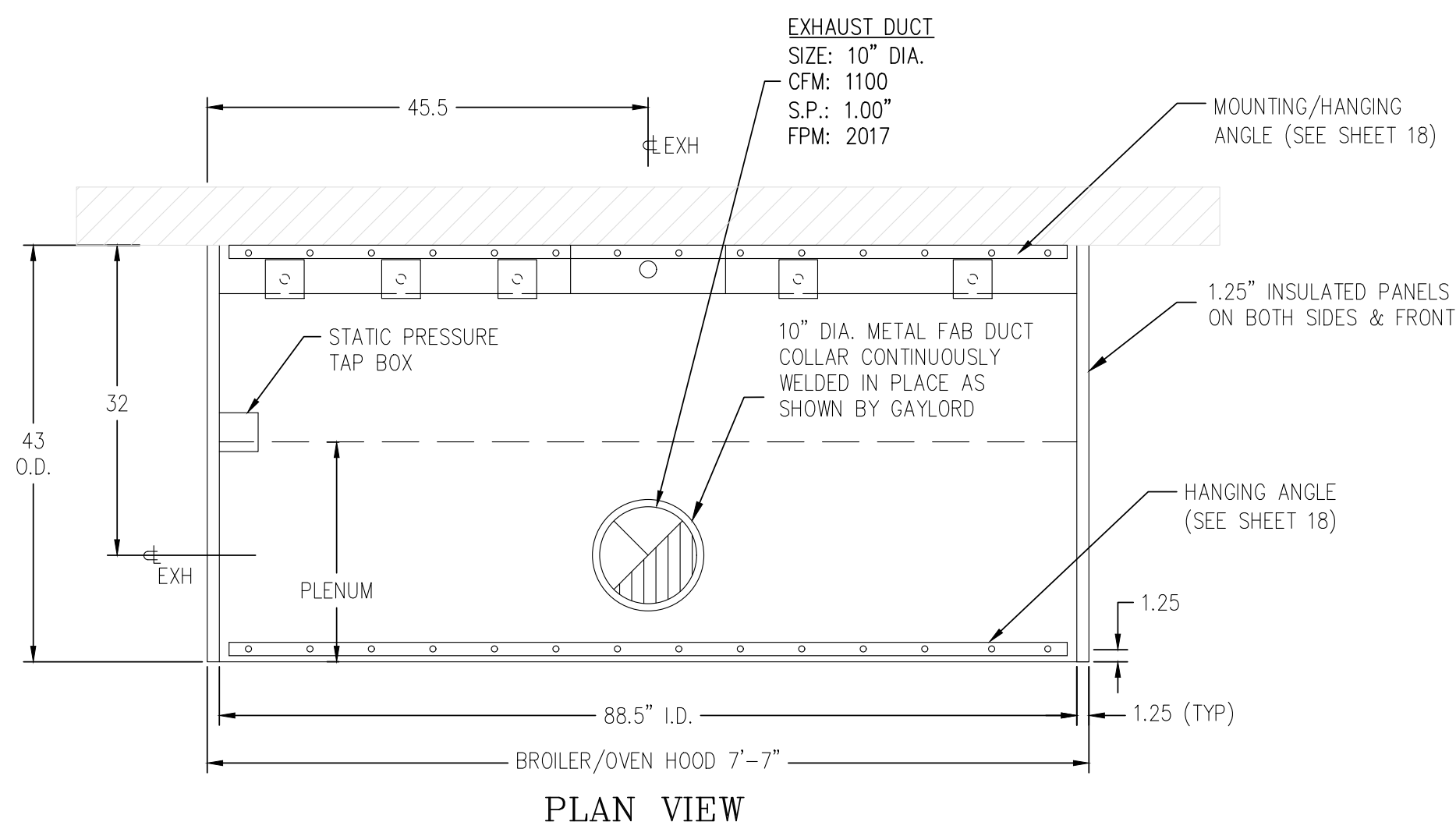
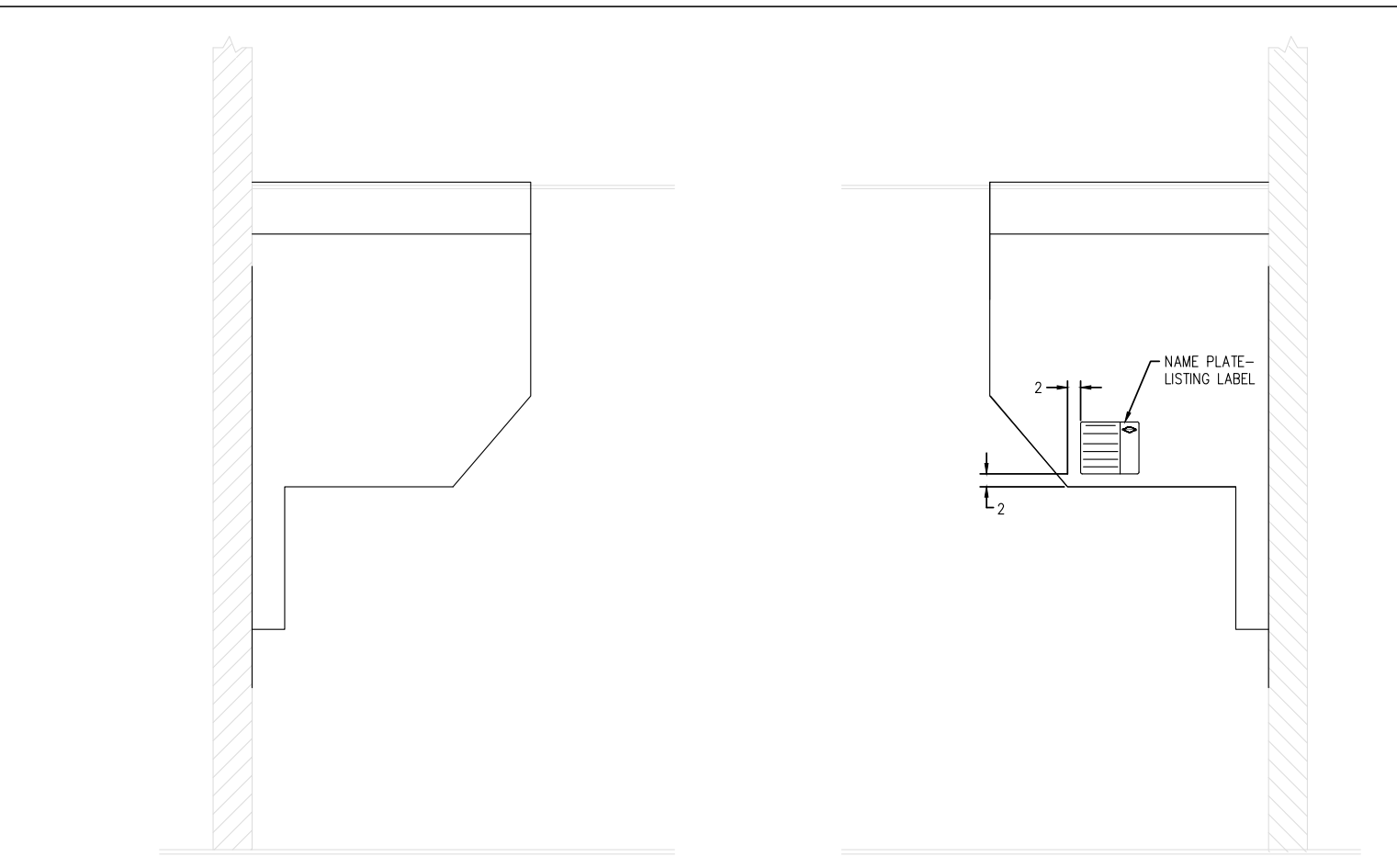
SHEET TITLE: BROILER-OVEN HOOD DRAWINGS

DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

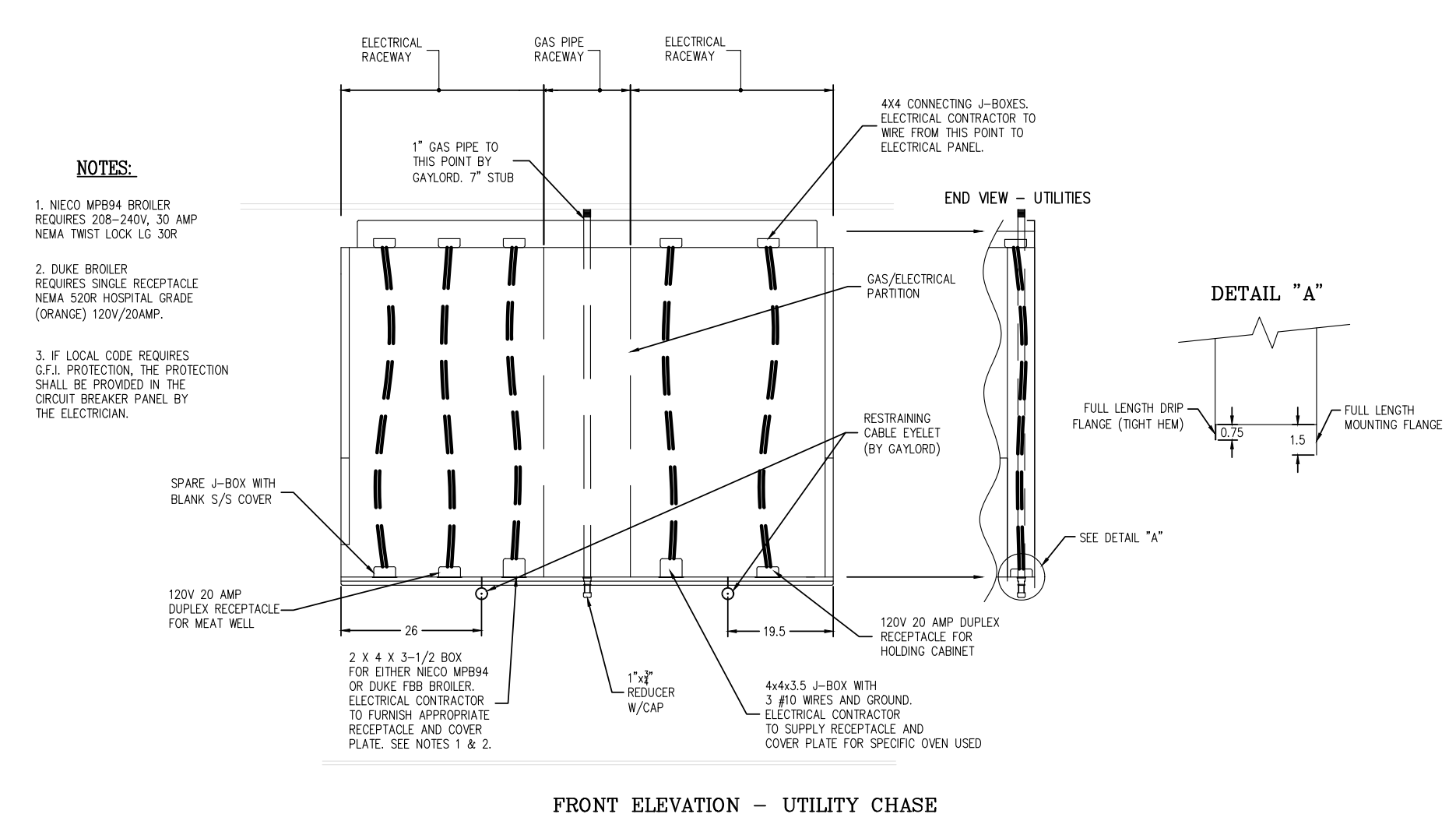
JOB #: TG-21668

SHEET: M-3

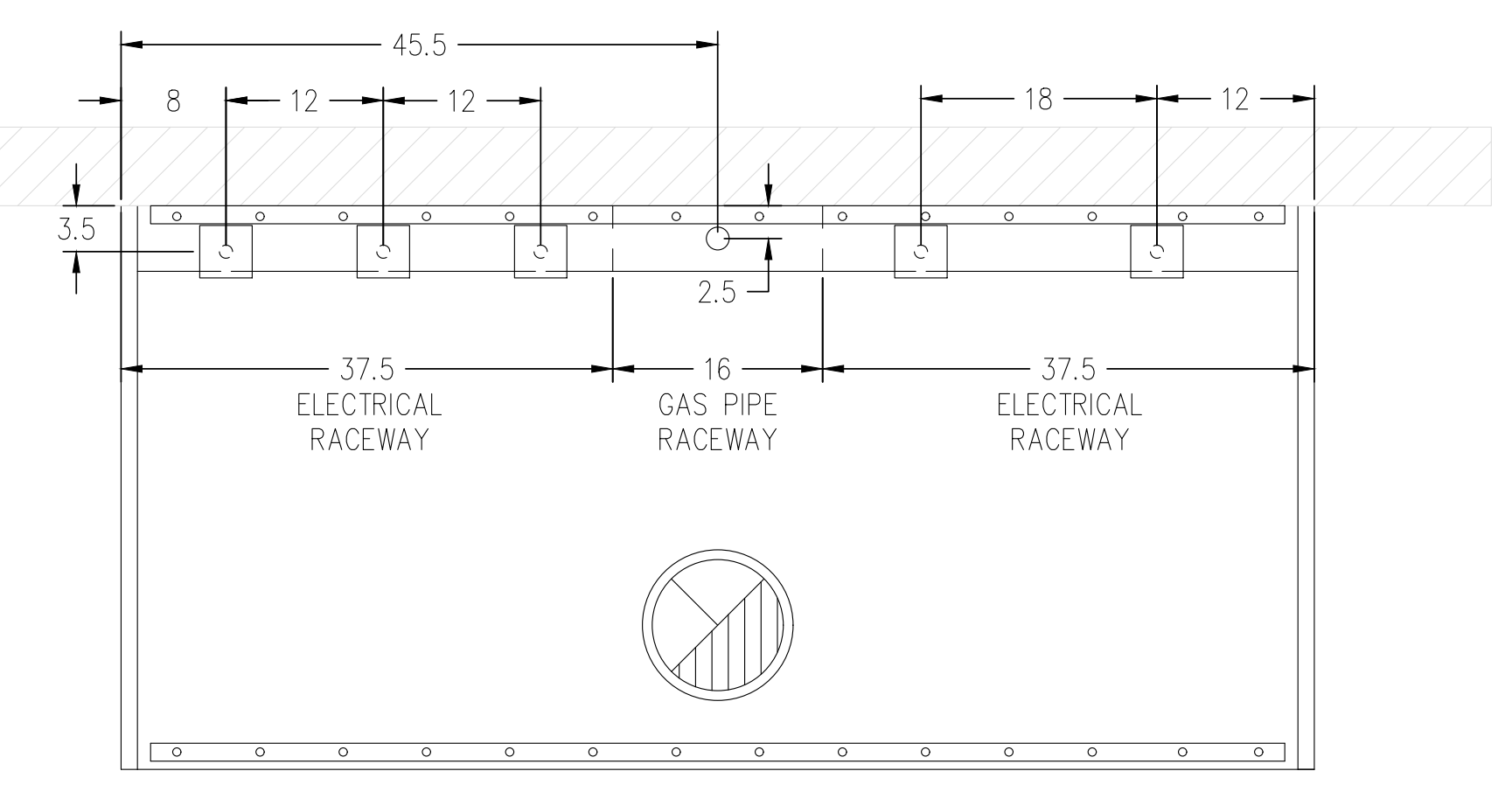
BROILER/OVEN HOOD LEFT END VIEW
BROILER/OVEN HOOD RIGHT END VIEW
BROILER/OVEN HOOD SIDE PANEL AND LABELING DETAIL



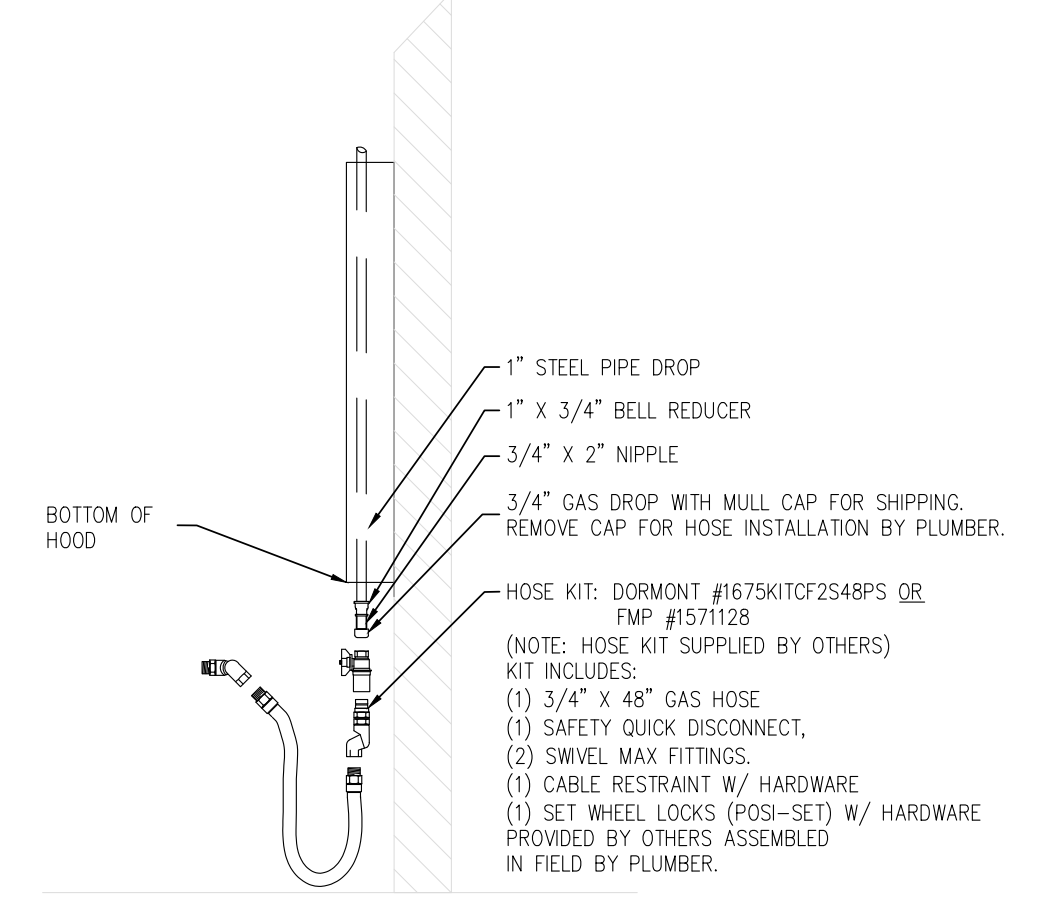
PLAN VIEW



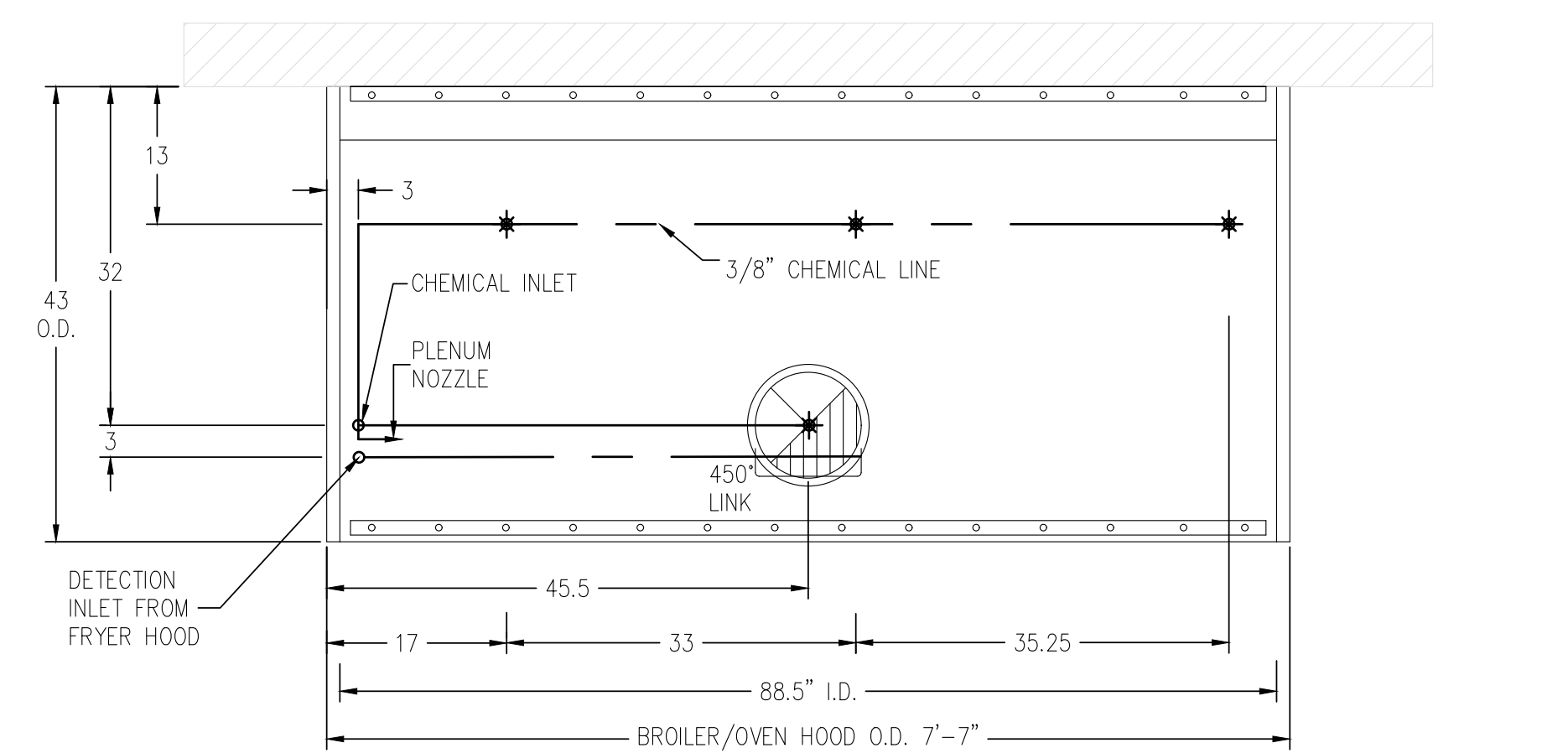
FRONT ELEVATION - UTILITY CHASE



PLAN VIEW - UTILITIES



TYPICAL GAS APPLIANCE CONNECTION

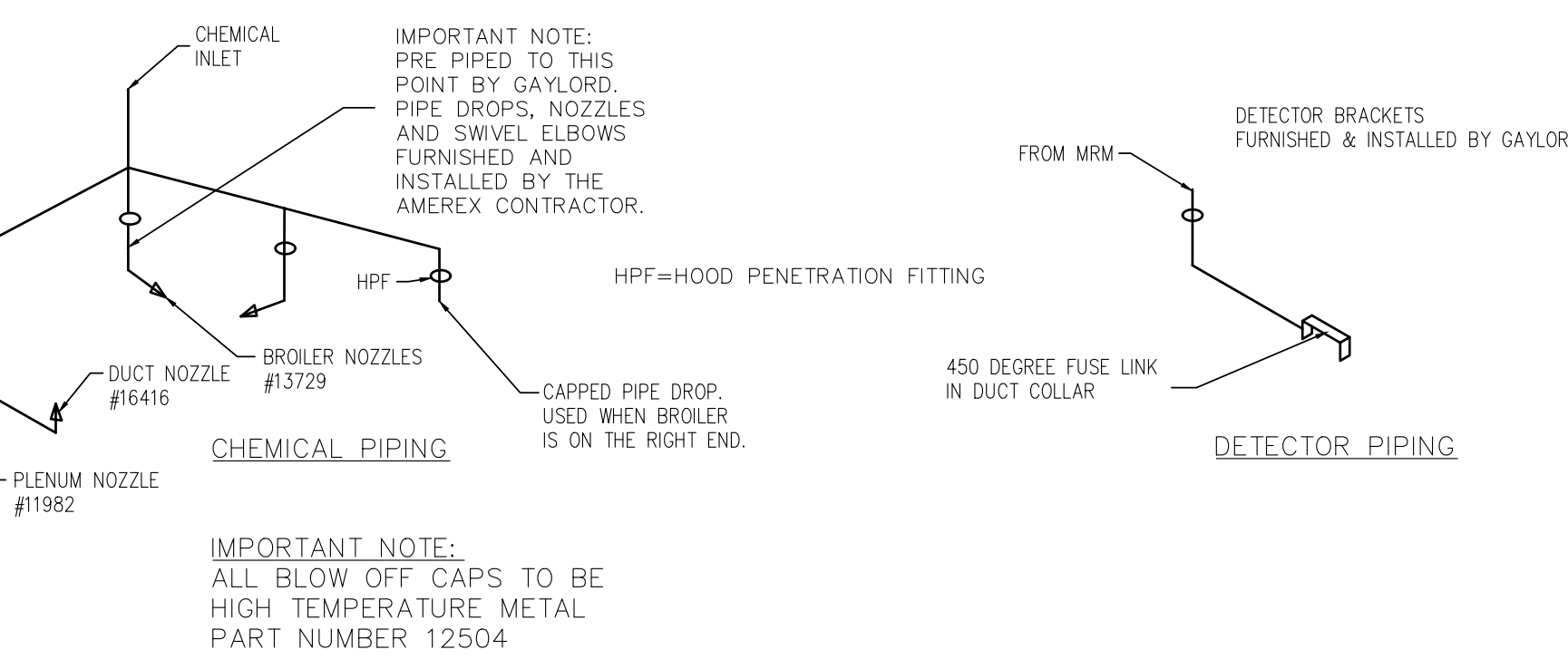


PLAN VIEW - FIRE SYSTEM PIPING LOCATIONS

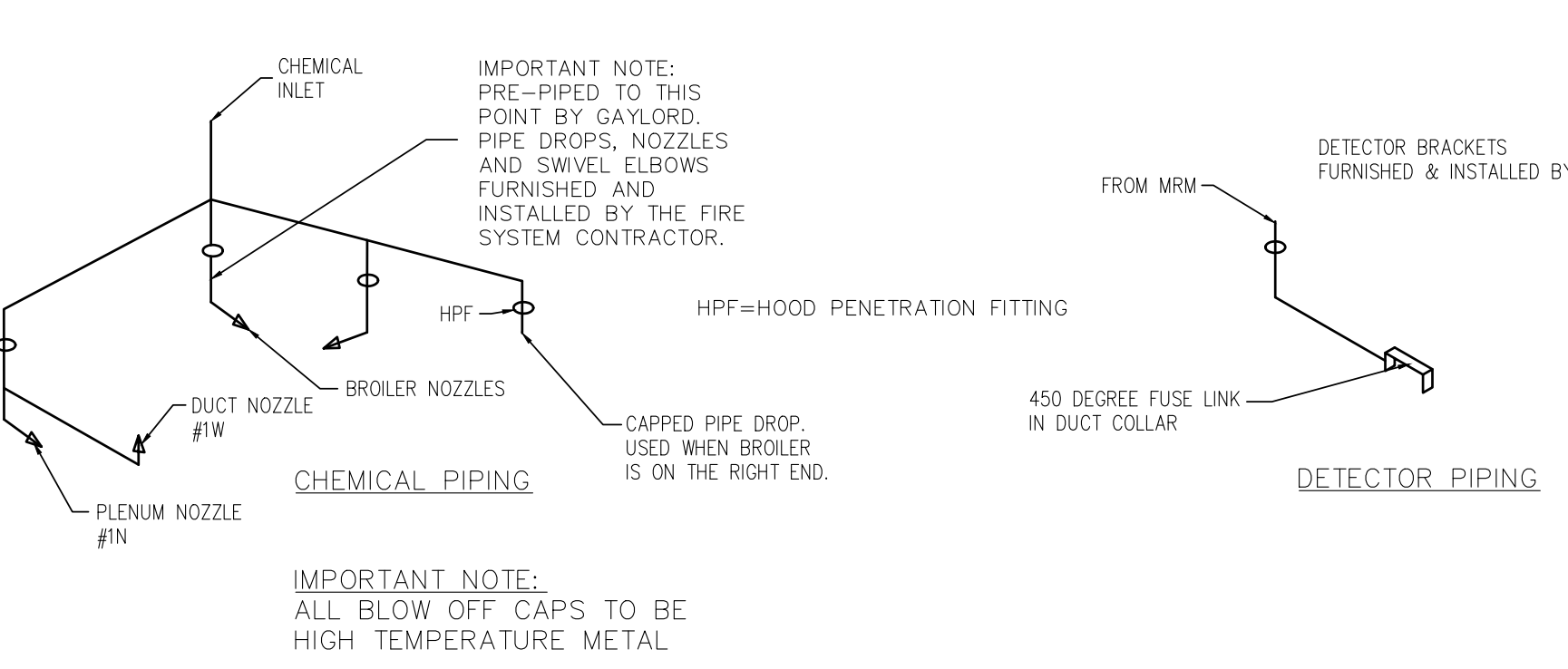
REV	DATE	DESCRIPTION	APP'D	BY	DATE	MODEL #	ITEM #	WORK ORDER	DATE
05	11/25/11	NO CHANGE			11/25/09				
04	8/08/11	REVISED MODEL # TO ELX			N.T.S.				
03	6/22/10	CHANGED UTILITY LOCATIONS			C-12644				
02	2/24/10	NO CHANGE							

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			N.T.S.				
03	6/22/10	CHANGED DUCT & UTILITY LOCATIONS			C-12644				
02	2/24/10	NO CHANGE							

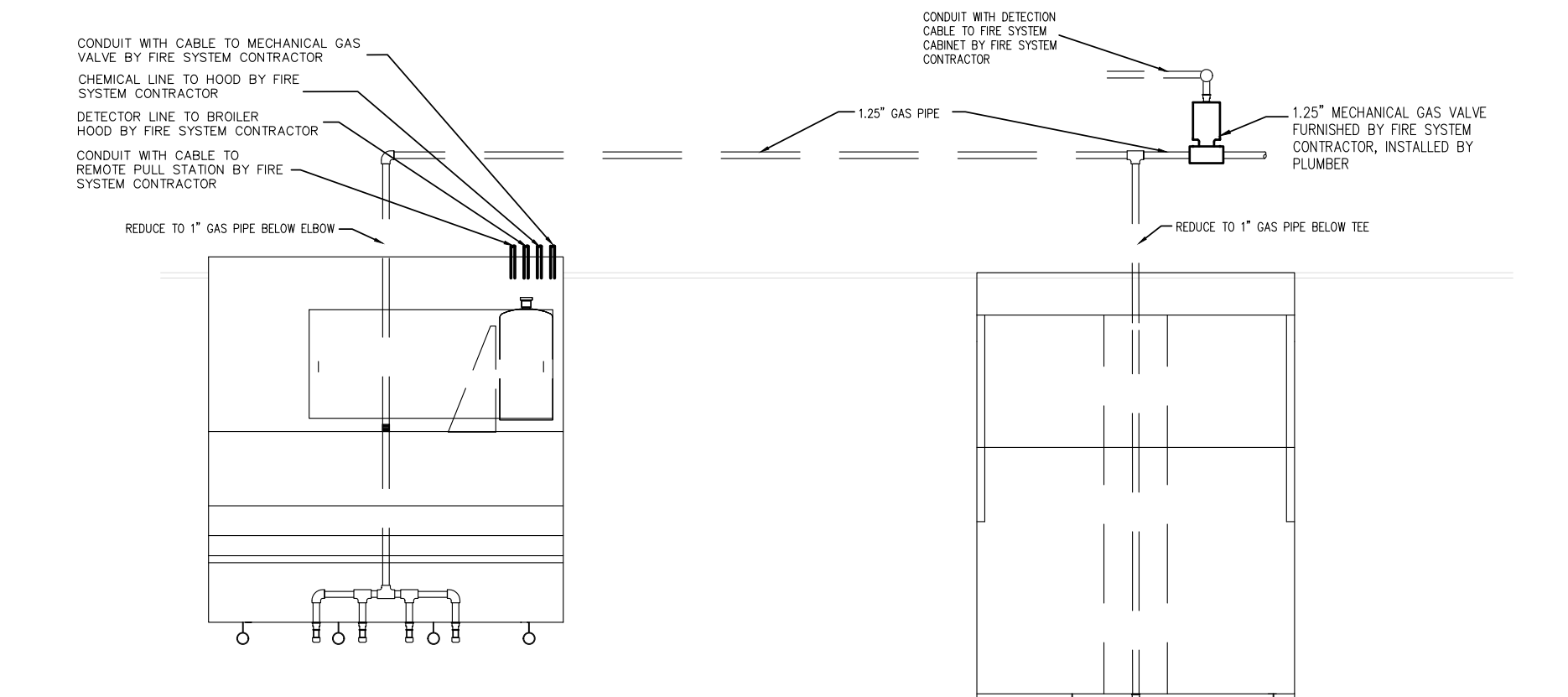
REV	DATE	DESCRIPTION	APP'D	BY	DATE	MODEL #	ITEM #	WORK ORDER	DATE
05	11/25/11	NO CHANGE			11/25/09				
04	8/08/11	REVISED MODEL # TO ELX			N.T.S.				
03	6/22/10	CHANGED DUCT & F.P. LOCATIONS			C-12644				
02	2/24/10	NO CHANGE							



AMEREX PIPING DETAILS
BROILER/OVEN HOOD



OPTIONAL ANSUL PIPING DETAILS
BROILER/OVEN HOOD



TYPICAL FRYER HOOD
TYPICAL BROILER HOOD

TYPICAL STANDARD HOOD MOUNTED FIRE SYSTEM ARRANGEMENT
USING ONE SYSTEM TO SERVE BOTH HOODS

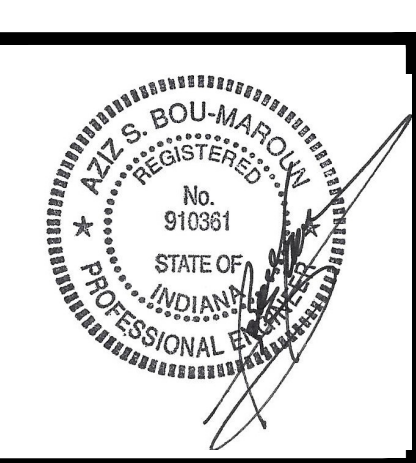
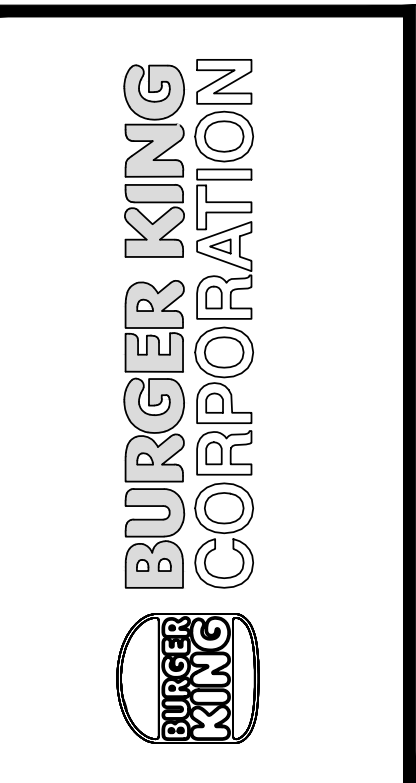
REV	DATE	DESCRIPTION	APP'D	BY	DATE	MODEL #	ITEM #	WORK ORDER	DATE
05	11/25/11	NO CHANGE			11/25/09				
04	8/08/11	REVISED MODEL # TO ELX			N.T.S.				
03	6/22/10	CHANGED WORKING			C-12644				
02	2/24/10	NO CHANGE							

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			N.T.S.				
03	6/22/10	ADDED THIS SHEET							

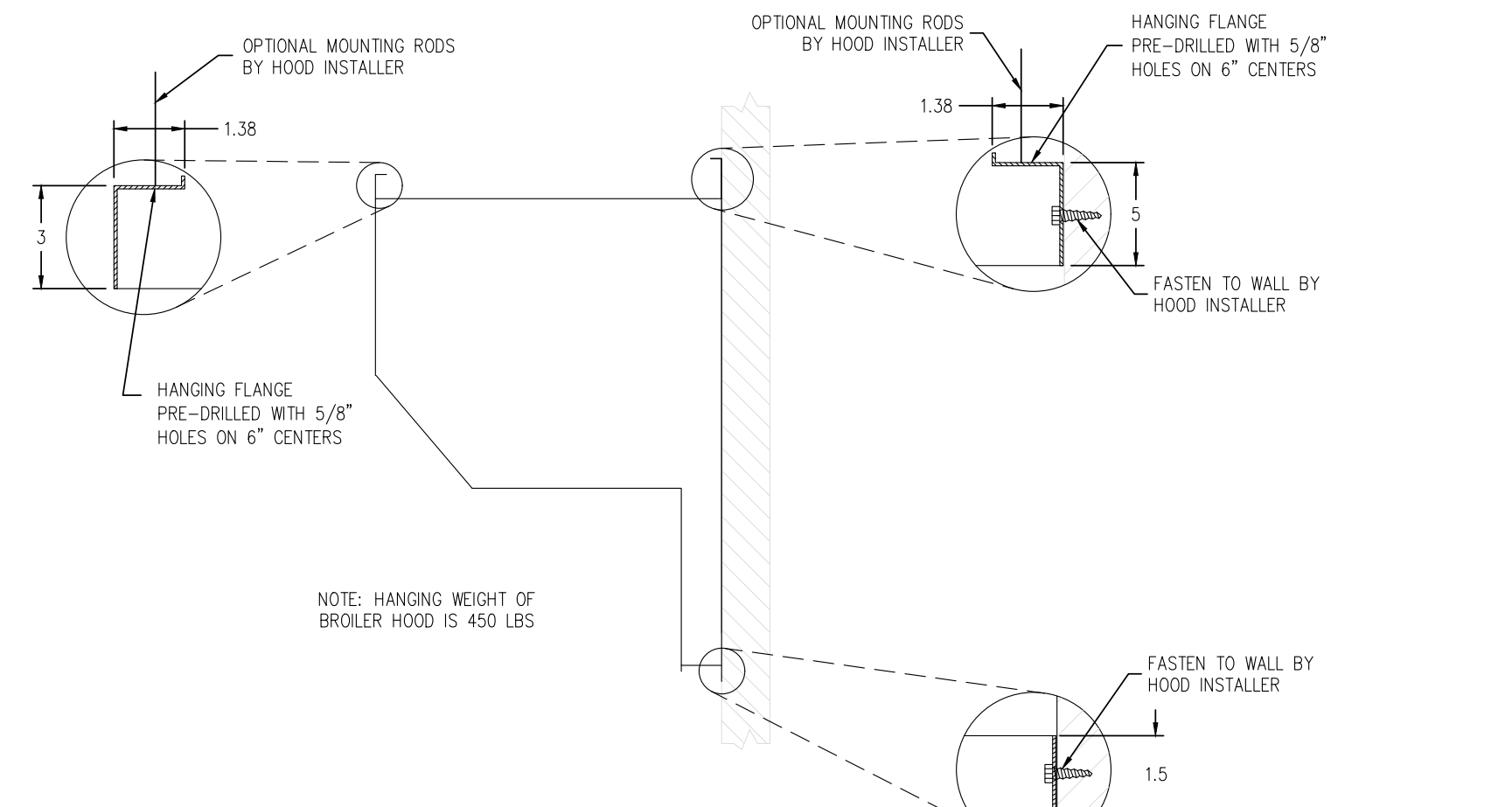
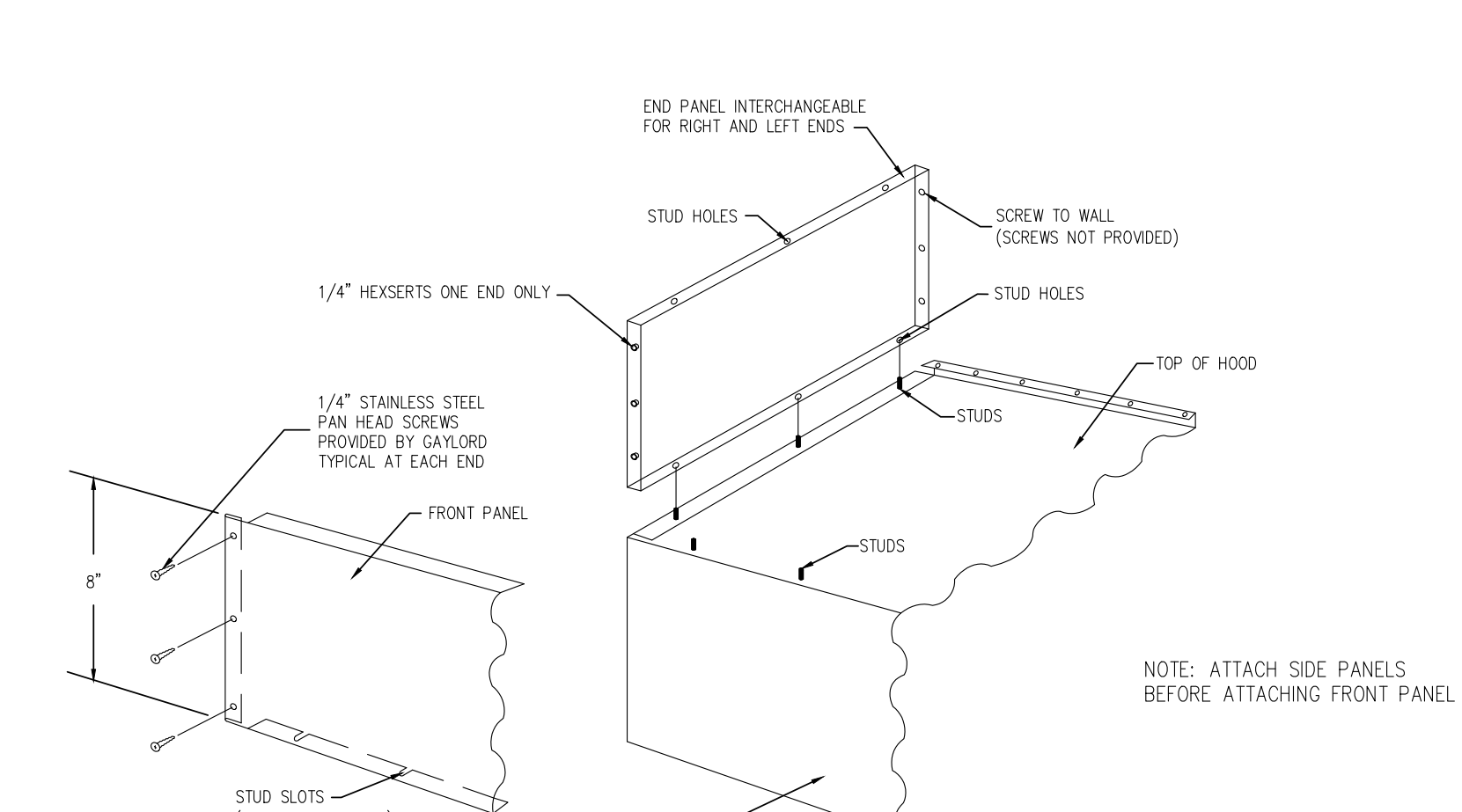
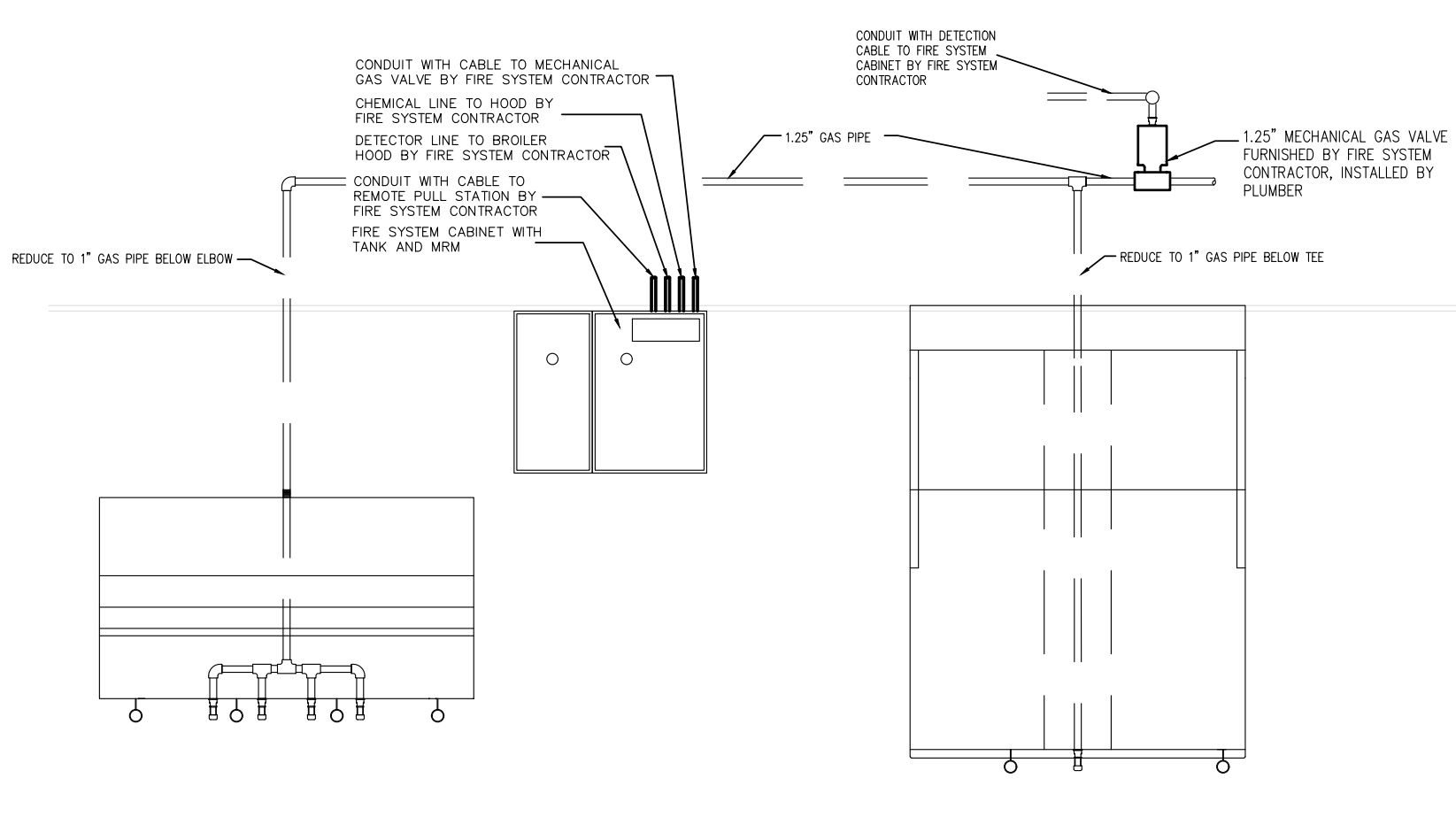
REV	DATE	DESCRIPTION	APP'D	BY	DATE	MODEL #	ITEM #	WORK ORDER	DATE
05	11/25/11	NO CHANGE			11/25/09				
04	8/08/11	REVISED MODEL # TO ELX			N.T.S.				
03	6/22/10	CHANGED NOTES			C-12644				
02	2/24/10	NO CHANGE							

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

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



PROJECT: BURGER KING (SEE ST. ELEVATION 44514)
SHEET TITLE: BROILER/OVEN HOOD DRAWINGS
JOB #: TG-21668
SHEET: M-4



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

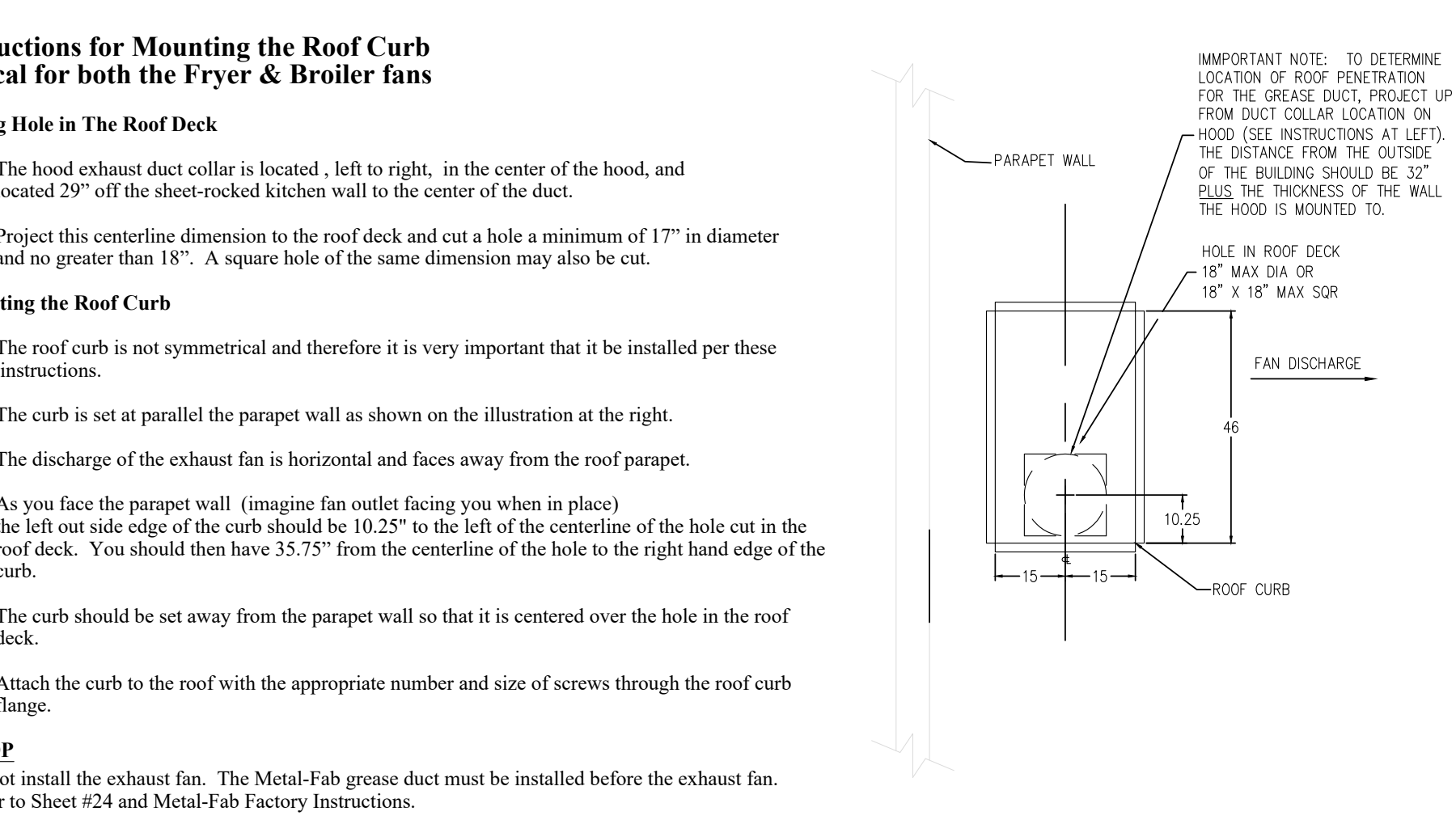
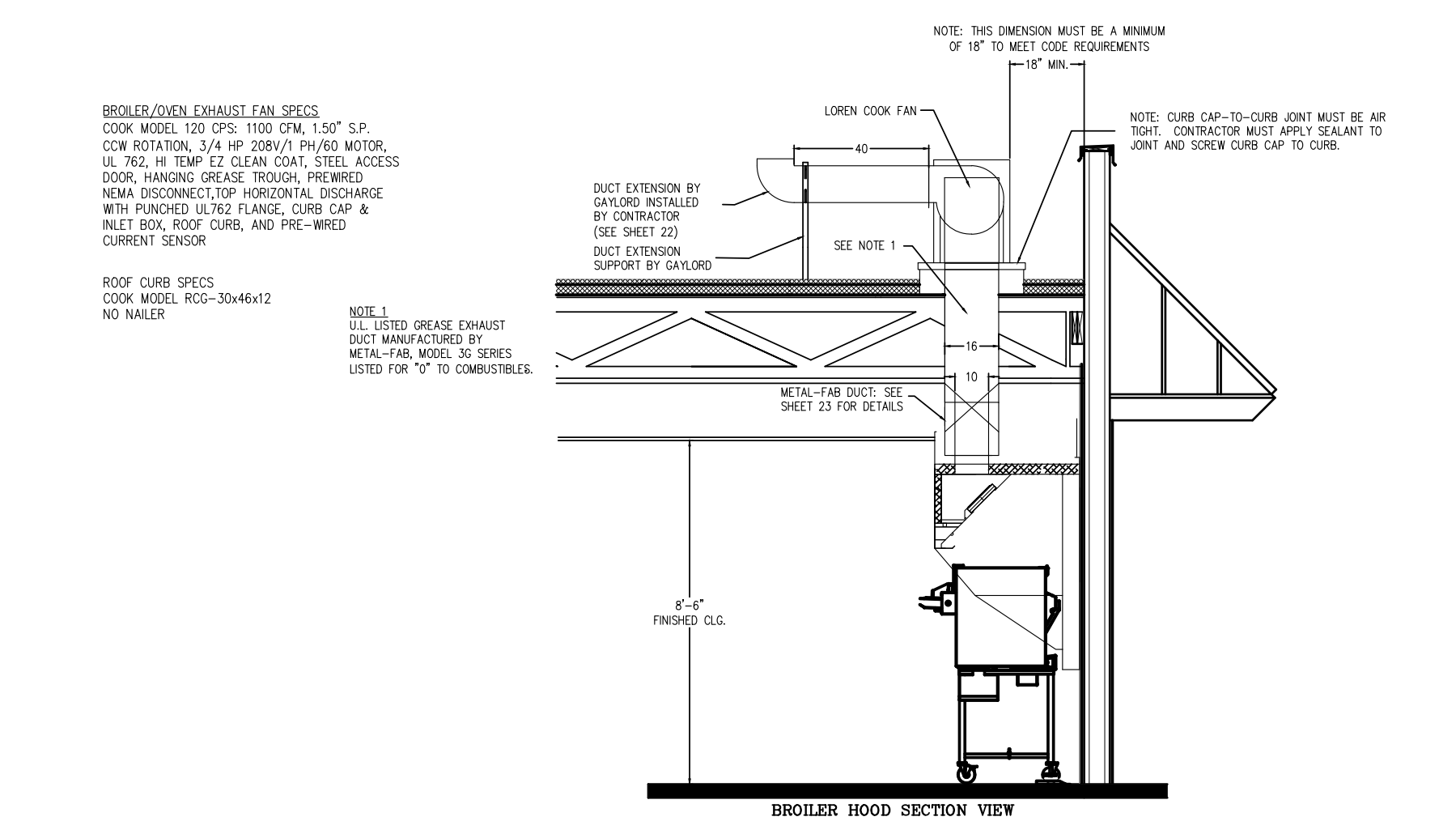
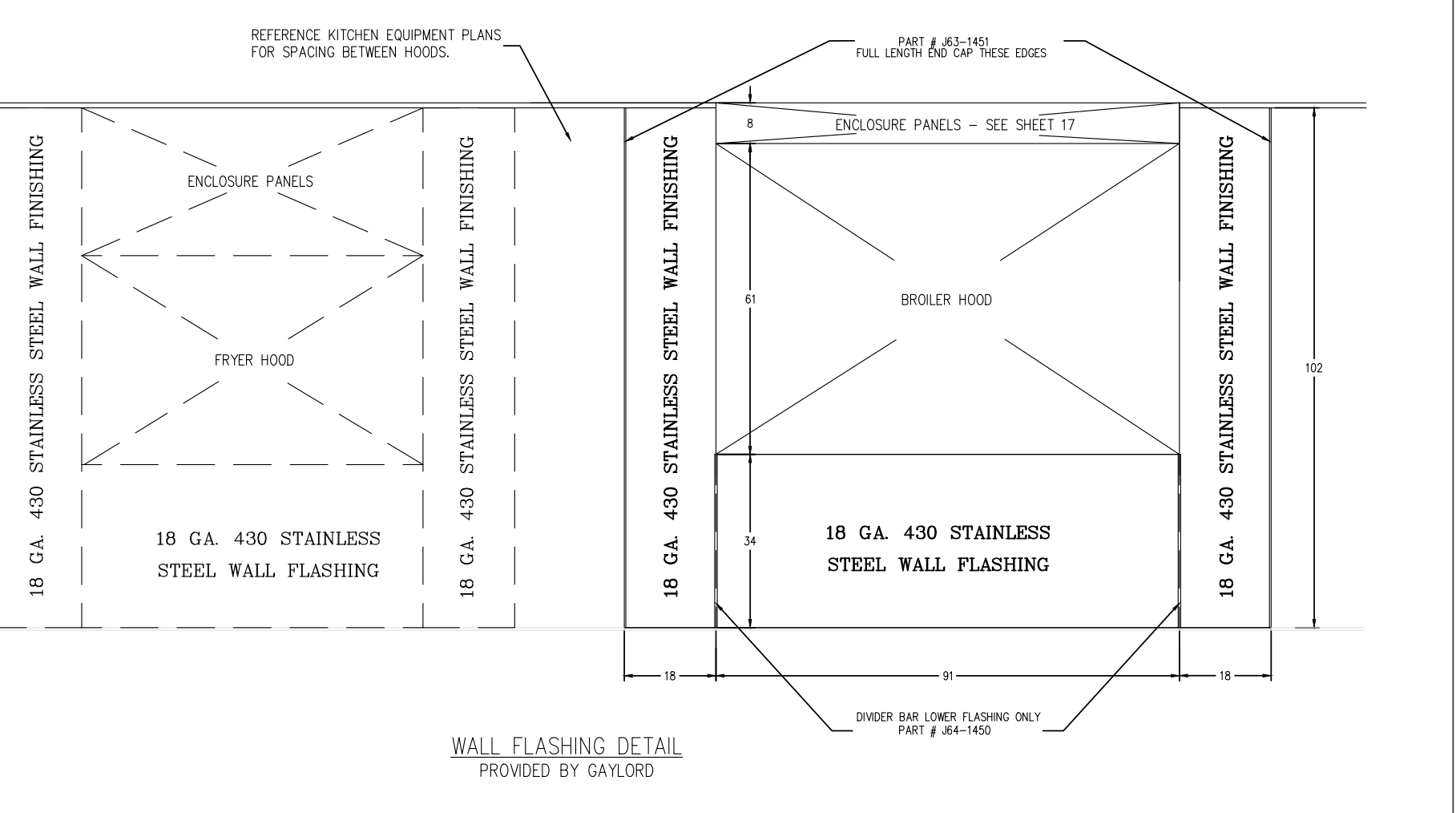
BROILER HOOD ENCLOSURE PANELS INSTALLATION INSTRUCTIONS

HANGING DETAIL FOR BROILER/OVEN HOOD

REV/DATE	DATE	DESCRIPTION	APP'D	BY	SN	DRN	DATE	SCALE	MODEL #	ITEM #	WORK ORDER	DATE	SCALE	MODEL #	ITEM #	WORK ORDER
05	11/25/11	NO CHANGE					11/25/09					11/25/09				
04	8/08/11	REVISED MODEL # TO ELX					N.T.S.		ELX-NO-BL-FM-08-43-(8K-NA-804-7-7)			N.T.S.				
03	6/22/10	CHANGED NOTES					C-12644					C-12644				
02	2/24/10	NO CHANGE														
01	11/25/09															

REV/DATE	DATE	DESCRIPTION	APP'D	BY	SN	DRN	DATE	SCALE	MODEL #	ITEM #	WORK ORDER	DATE	SCALE	MODEL #	ITEM #	WORK ORDER
05	11/25/11	NO CHANGE					11/25/09					11/25/09				
04	8/08/11	REVISED MODEL # TO ELX					N.T.S.		ELX-NO-BL-FM-08-43-(8K-NA-804-7-7)			N.T.S.				
03	6/22/10	CHANGED ENCLOSURE PANEL DESIGN					C-12644					C-12644				
02	2/24/10	CHANGED PANEL HEIGHT														
01	11/25/09															

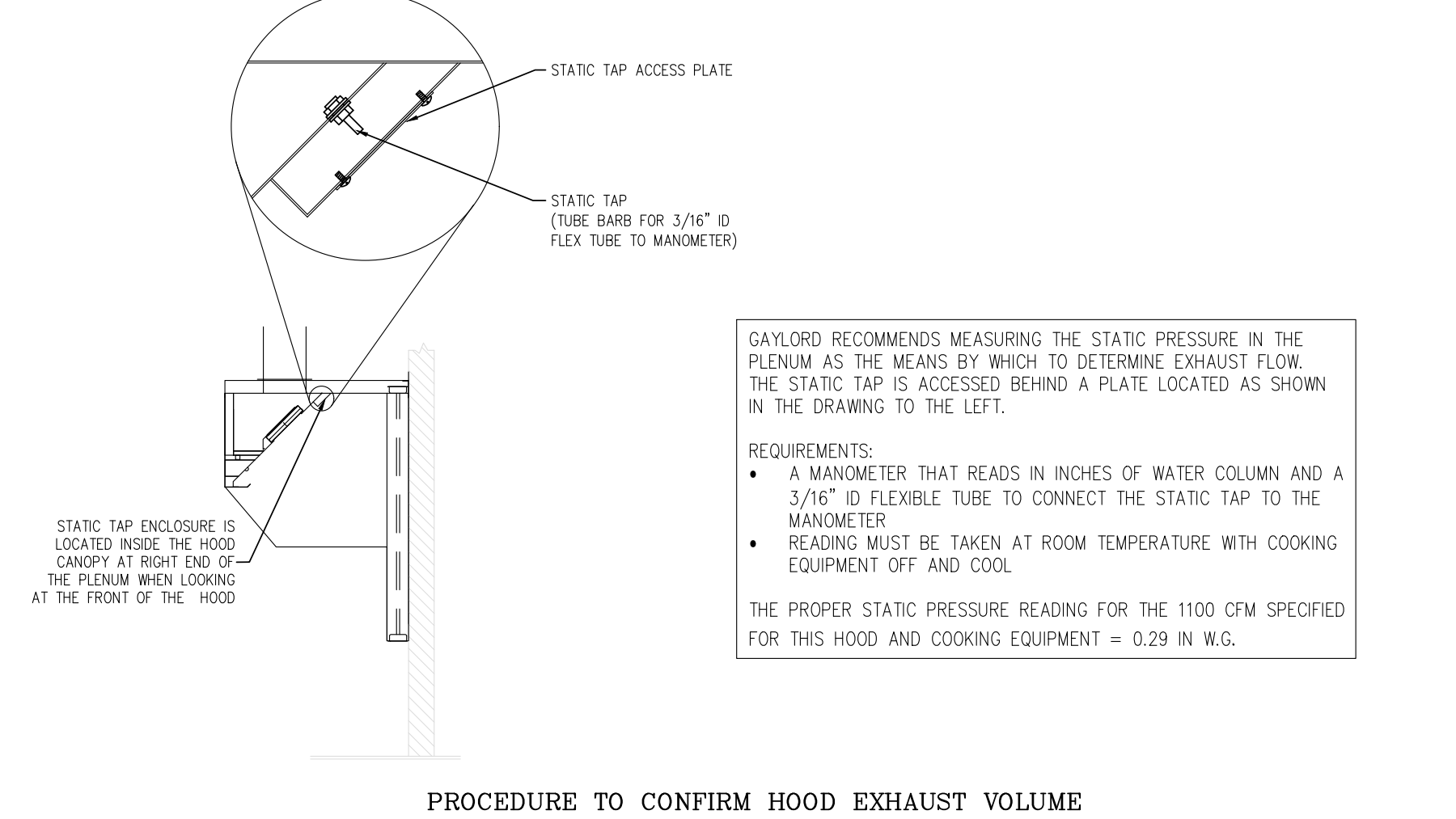
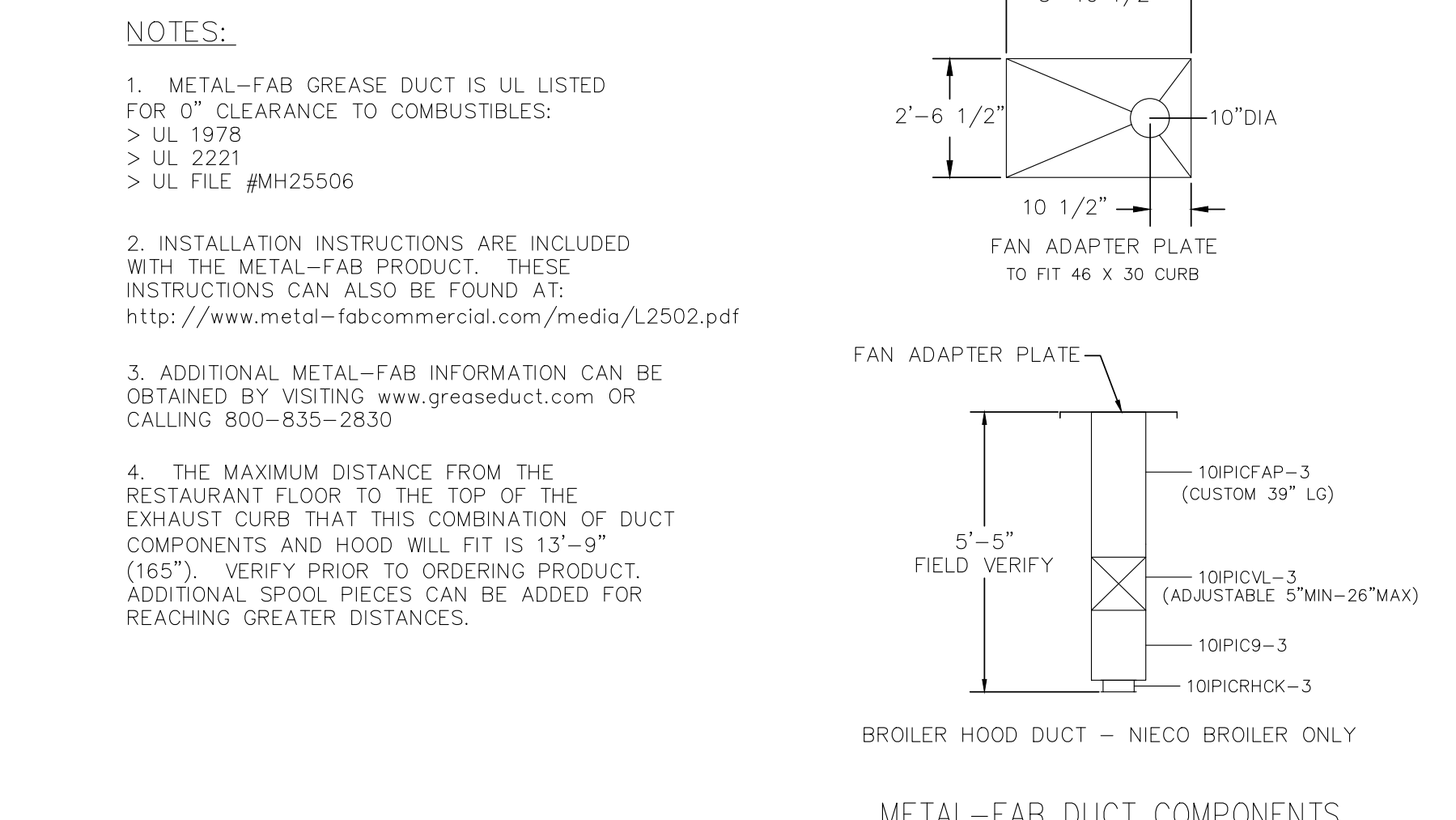
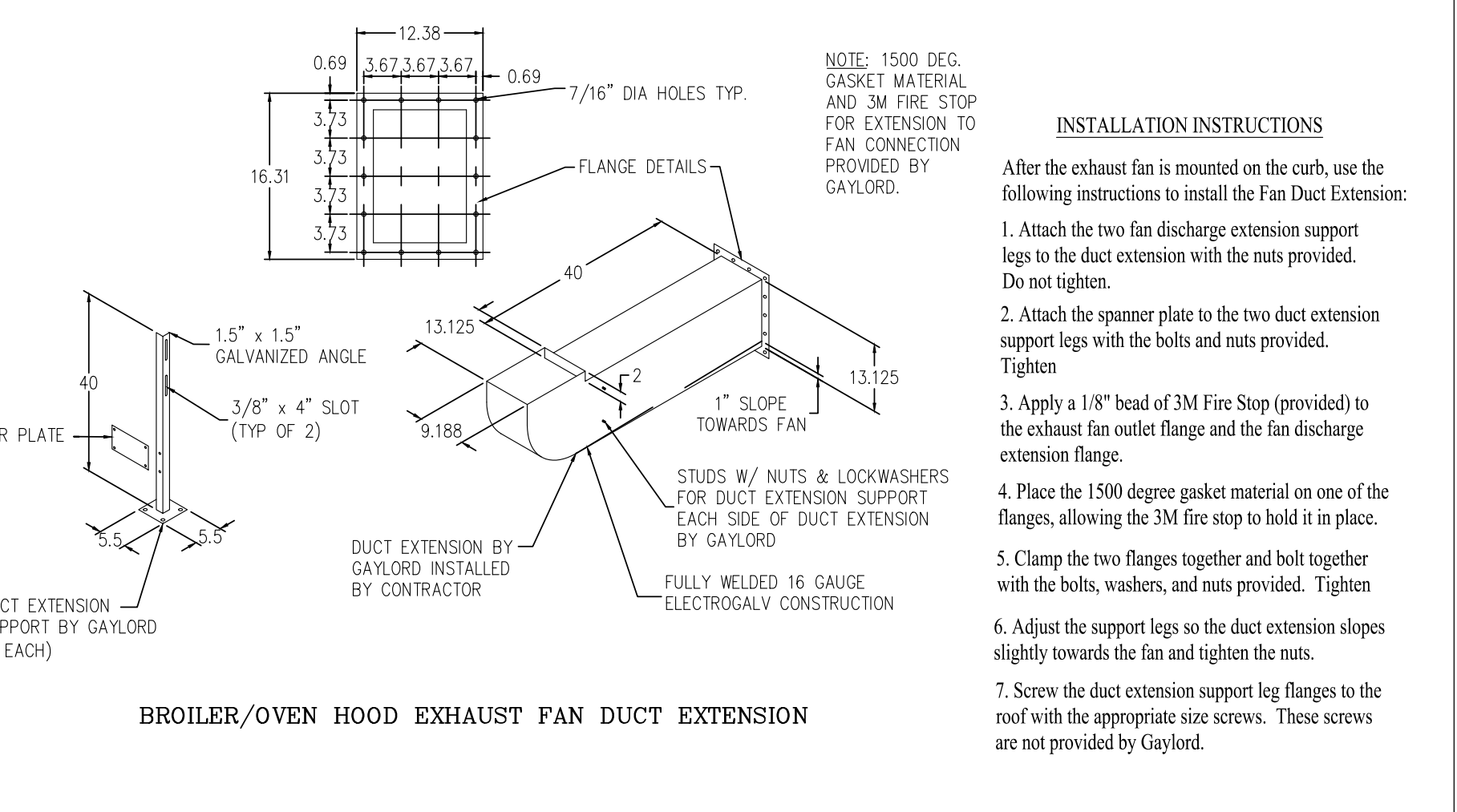
REV/DATE	DATE	DESCRIPTION	APP'D	BY	SN	DRN	DATE	SCALE	MODEL #	ITEM #	WORK ORDER	DATE	SCALE	MODEL #	ITEM #	WORK ORDER
05	11/25/11	NO CHANGE					11/25/09					11/25/09				
04	8/08/11	REVISED MODEL # TO ELX					N.T.S.		ELX-NO-BL-FM-08-43-(8K-NA-804-7-7)			N.T.S.				
03	6/22/10	NO CHANGE					C-12644					C-12644				
02	2/25/10	NO CHANGE														
01	11/25/09															



REV/DATE	DATE	DESCRIPTION	APP'D	BY	SN	DRN	DATE	SCALE	MODEL #	ITEM #	WORK ORDER	DATE	SCALE	MODEL #	ITEM #	WORK ORDER
05	11/25/11	NO CHANGE					11/25/09					11/25/09				
04	8/08/11	REVISED MODEL # TO ELX					N.T.S.		ELX-NO-BL-FM-08-43-(8K-NA-804-7-7)			N.T.S.				
03	6/22/10	ADDED FRYER HOOD AS REFERENCE					C-12644					C-12644				
02	2/25/10	CHANGED LOWER FLASHING DIMENSION														
01	11/25/09															

REV/DATE	DATE	DESCRIPTION	APP'D	BY	SN	DRN	DATE	SCALE	MODEL #	ITEM #	WORK ORDER	DATE	SCALE	MODEL #	ITEM #	WORK ORDER
05	11/25/11	NO CHANGE					11/25/09					11/25/09				
04	8/08/11	REVISED MODEL # TO ELX					N.T.S.		ELX-NO-BL-FM-08-43-(8K-NA-804-7-7)			N.T.S.				
03	6/22/10	MOVED DUCT & FAN FORWARD 3\"/>														
02	2/25/10	CHANGED TO 100 CPS FAN														
01	11/25/09															

REV/DATE	DATE	DESCRIPTION	APP'D	BY	SN	DRN	DATE	SCALE	MODEL #	ITEM #	WORK ORDER	DATE	SCALE	MODEL #	ITEM #	WORK ORDER
05	11/25/11	NO CHANGE					11/25/09					11/25/09				
04	8/08/11	REVISED MODEL # TO ELX					N.T.S.		ELX-NO-BL-FM-08-43-(8K-NA-804-7-7)			N.T.S.				
03	6/22/10	ADDED DIMENSION NOTES					C-12644					C-12644				
02	2/25/10	NO CHANGE														
01	11/25/09															



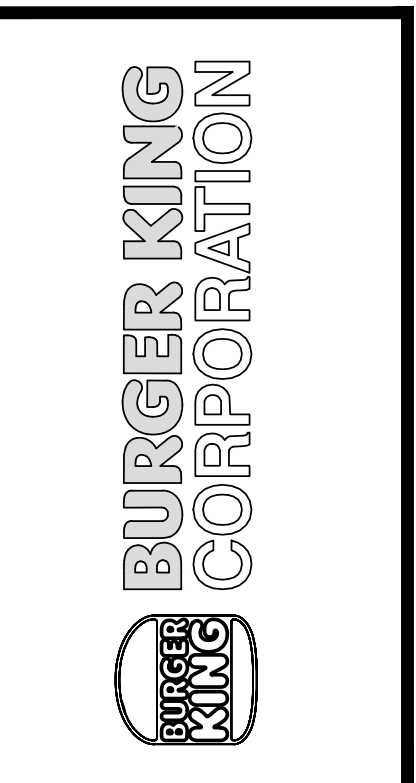
REV/DATE	DATE	DESCRIPTION	APP'D	BY	SN	DRN	DATE	SCALE	MODEL #	ITEM #	WORK ORDER	DATE	SCALE	MODEL #	ITEM #	WORK ORDER
05	11/25/11	NO CHANGE					11/25/09					11/25/09				
04	8/08/11	REVISED MODEL # TO ELX					N.T.S.		ELX-NO-BL-FM-08-43-(8K-NA-804-7-7)			N.T.S.				
03	6/22/10	NO CHANGE					C-12644					C-12644				
02	2/25/10	CHANGED TO MATCH CPS120 SPECS														
01	11/25/09															

REV/DATE	DATE	DESCRIPTION	APP'D	BY	SN	DRN	DATE	SCALE	MODEL #	ITEM #	WORK ORDER	DATE	SCALE	MODEL #	ITEM #	WORK ORDER
05	11/25/11	NO CHANGE					11/25/09					11/25/09				
04	8/08/11	REVISED MODEL # TO ELX					N.T.S.		ELX-NO-BL-FM-08-43-(8K-NA-804-7-7)			N.T.S.				
03	6/22/10	ADDED NOTES					C-12644					C-12644				
02	2/25/10	CHANGED LENGTH TO 5' 5\"/>														
01	11/25/09															

REV/DATE	DATE	DESCRIPTION	APP'D	BY	SN	DRN	DATE	SCALE	MODEL #	ITEM #	WORK ORDER	DATE	SCALE	MODEL #	ITEM #	WORK ORDER
05	11/25/11	NO CHANGE					6/22/10					6/22/10				
04	8/08/11	REVISED MODEL # TO ELX					N.T.S.		ELX-NO-BL-FM-08-43-(8K-NA-804-7-7)			N.T.S.				
03	6/22/10	ADDED THIS SHEET					C-12644					C-12644				
02	2/25/10	NO CHANGE														
01	11/25/09															

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

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



PROJECT: BURGER KING, 445 S. ELKHART, IN 46514

SHEET TITLE: BROILER/OVEN HOOD DRAWINGS


JOB #: TG-21668

SHEET: M-5

BK ROC HOOD / EX. FAN / FIRE SYSTEM / HVAC CONTROL MATRIX AS OF 10-14-09

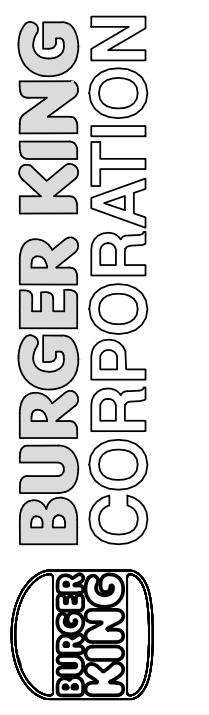
ACTION	REACTION					COMMENTS
	EX FAN	ELECT PWR TO COOKING EQUIP	MECH. GAS VALVE	HVAC UNITS	MAKE-UP AIR UNIT (IF APPLICABLE)	
FAN SW TURNED ON	ON	ON	ON	ON	ON	HVAC UNITS MUST BE ON BEFORE EX FAN CAN COME ON
FAN SW TURNED OFF	OFF	OFF	ON	ON	OFF	
FIRE SYSTEM DISCHARGES	ON	OFF	OFF	OFF	OFF	
SLIPPING FAN BELT	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	NO.	DATE	DESCRIPTION	APP'D	BY	DATE	DESCRIPTION	APP'D	BY	DATE	DESCRIPTION
05	JA	11/25/11	NO CHANGE								
04	CS	8/28/11	REVISED MODEL # TO ELX								
03	SN	4/22/10	CHANGED SHEET NUMBER								
02	SN	2/25/10	NO CHANGE								

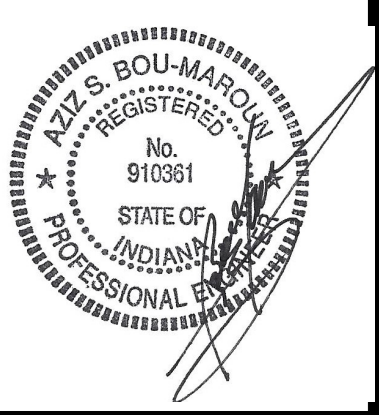
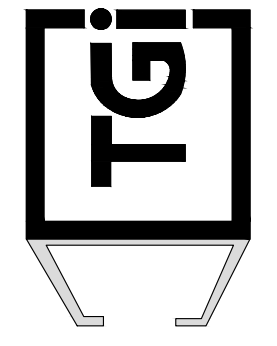

 NORTH AMERICAN BROILER/OVEN HOOD
 "7" - "7"
 BURGER KING CORPORATION
 11/25/09
 N.T.S.
 C-12644

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

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



TECHNICAL GROUP, Inc.
 3774 HILLS TECH DRIVE
 ELKHART, IN 46514
 P: (248) 426-8000 F: (248) 426-7004



PROJECT
 BURGER KING
 46514
 ELKHART, IN 46514
 SHEET TITLE
 BROILER-OVEN HOOD DRAWINGS

DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

JOB #
TG-21668

SHEET
M-6

5'-7" NORTH AMERICAN FRYER HOOD

FOR BURGER KING CORPORATION

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

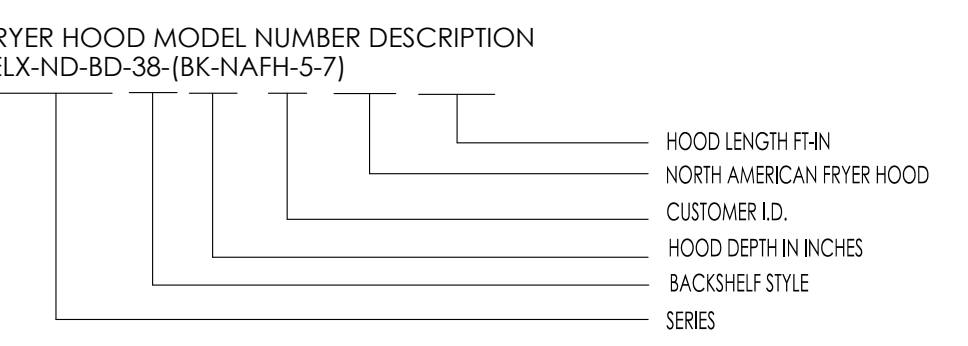
Manufactured by:
GAYLORD INDUSTRIES

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



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	PLAN VIEW
09	FRONT ELEVATION UTILITIES
10	FRONT ELEVATION - PLAN VIEW - UTILITIES
11	TYPICAL GAS APPLIANCE CONNECTION DETAIL
12	PLAN VIEW - FIRE SYSTEM PREPPING LOCATIONS
13	HOOD MOUNTED FIRE SYSTEM DETAIL
14	AMEREX PRE-PPING DETAILS - FRYER HOOD
15	AMEREX PRE-PPING DETAILS - FRYER HOOD
16	OPTIONAL ANSUL PREPPING 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 FINISHING DETAIL
21	HANGING DETAIL FOR FRYER HOOD
22	WALL FLASHING DETAIL
23	FRYER HOOD SECTION DETAIL
24	ROOF CURB MOUNTING DETAIL
25	EXHAUST FAN DUCT EXTENSION DETAIL
26	METAL FAB GREASE DUCT DETAIL
26.1	OPTIONAL SQUARE DUCT KIT
27	PROCEDURE TO CONFIRM HOOD EXHAUST VOLUME
28	BK HOOD-FAN FIRE SYSTEM/HVAC CONTROL MATRIX

REV	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION
07	JFA	04/11/13	No Change							
06	JFA	11/05/11	MOVE C-1260 REV 01 TO C-12634 REV 6 BK APPROVED #							
05	JFA	07/11/11	MOVE C-1260 REV 01 TO C-12634 REV 6 BK APPROVED #							

Overview

Typically the package provided by Gaylord Industries includes the following:

- One Hood
- One Metal Fab UL listed grease exhaust duct system
- One Loren Cook exhaust fan
- One Amerex fire system, to serve both Broiler & Fryer Hoods.

The shipment from Gaylord includes the following:

- Broiler Hood
- Broiler Hood Enclosure Panels
- Broiler Hood Wall Flashing
- One Exhaust Fan Discharge Duct Extension

The Metal-Fab grease exhaust duct systems are dropped shipped from their factory in Wichita, Kansas.

NOTE 1 : If optional Square Duct Kit is ordered, the kit will be shipped with the hood.

The Loren Cook exhaust fans and roof curb is dropped shipped from their factory in Springfield, Missouri.

Contact Information for the Job Site Contractor

Contact 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 an Amerex fire system. The package from Gaylord includes complete installation details for Amerex fire system including all parts, permits, check out and certification. The Amerex distributor will bring the system components at the time 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 prepped 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

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 on metal studs) 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. 319293CRT-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"

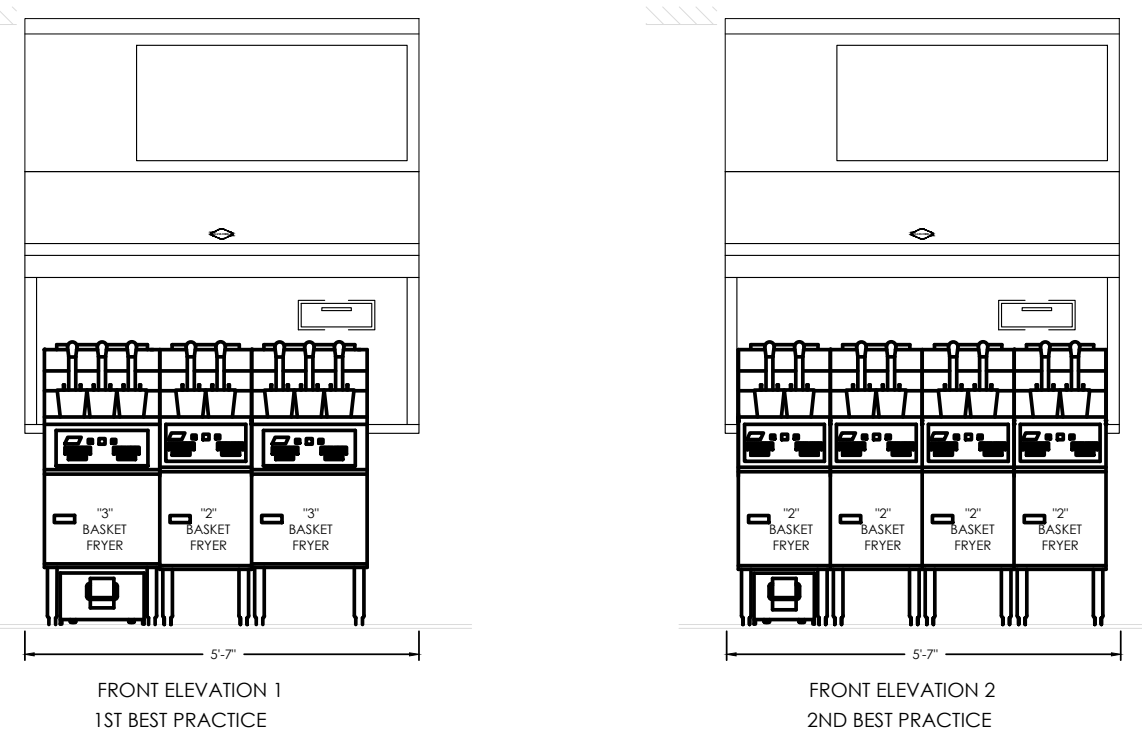
NSF-NATIONAL SANITATION FOUNDATION
MEETS ALL REQUIREMENTS OF NSF STANDARD NO.2 "FOOD SERVICE EQUIPMENT"

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

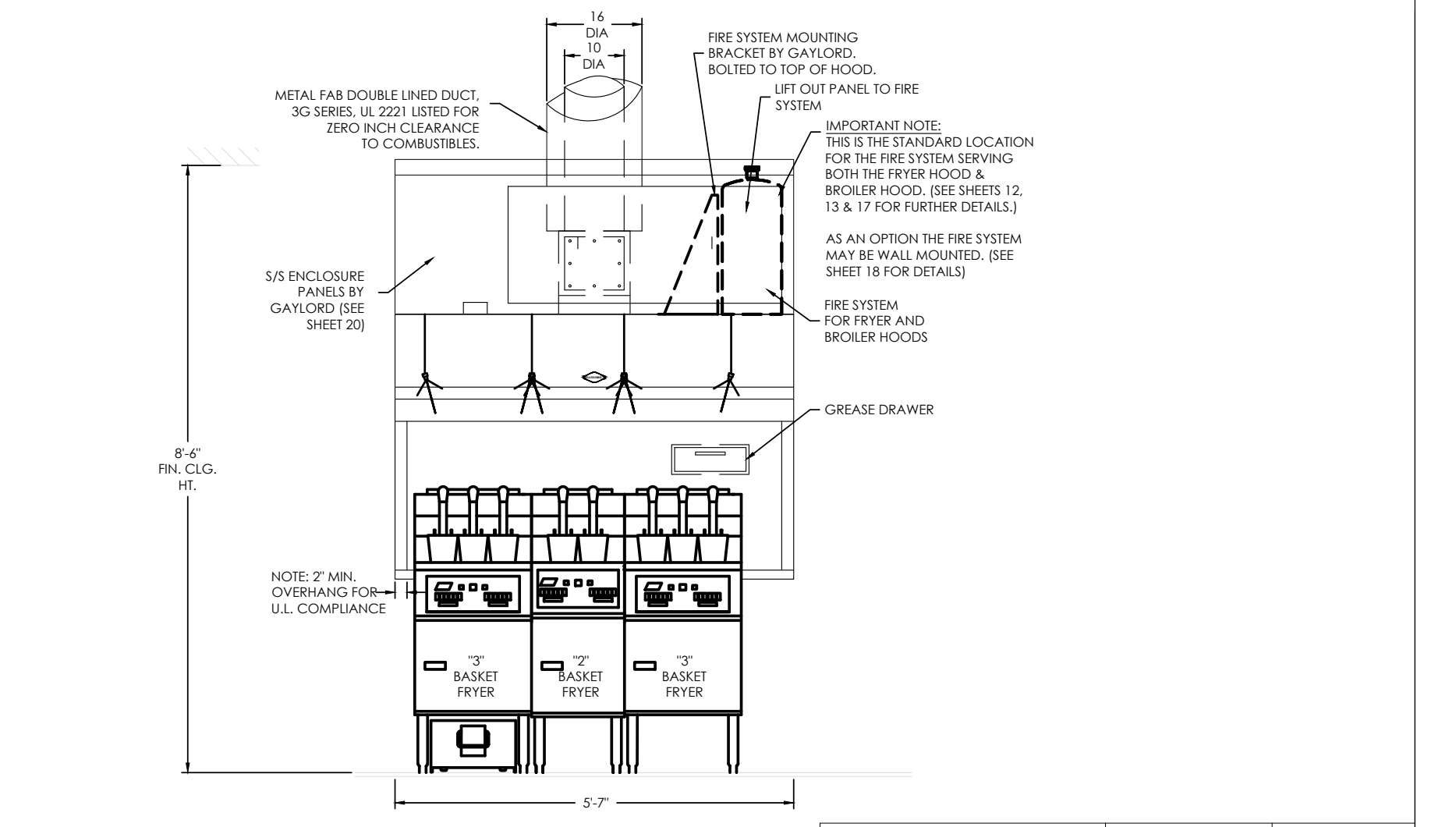


IMPORTANT NOTE:

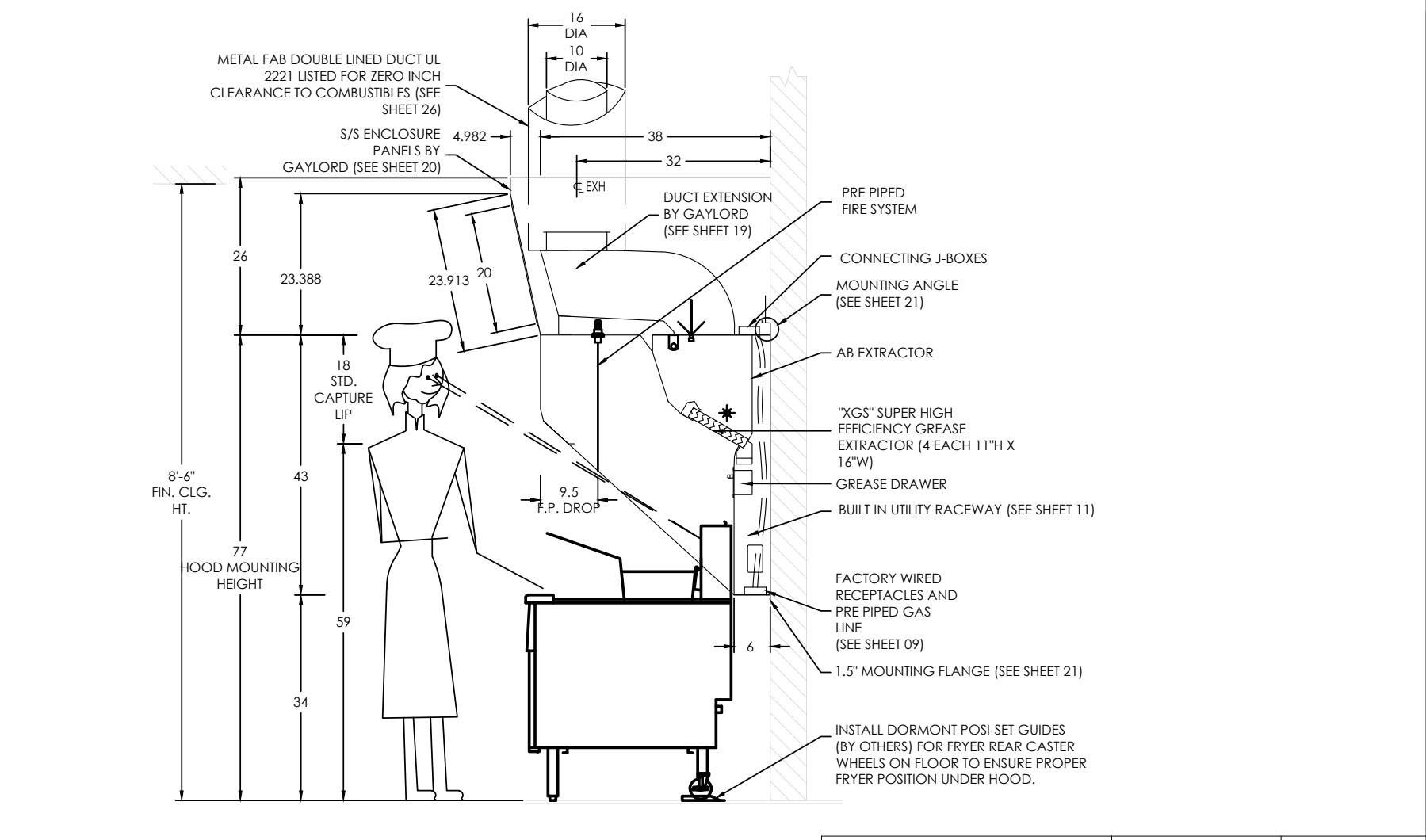
This drawing depicts two basic fryer configurations approved by Burger King Corporation.



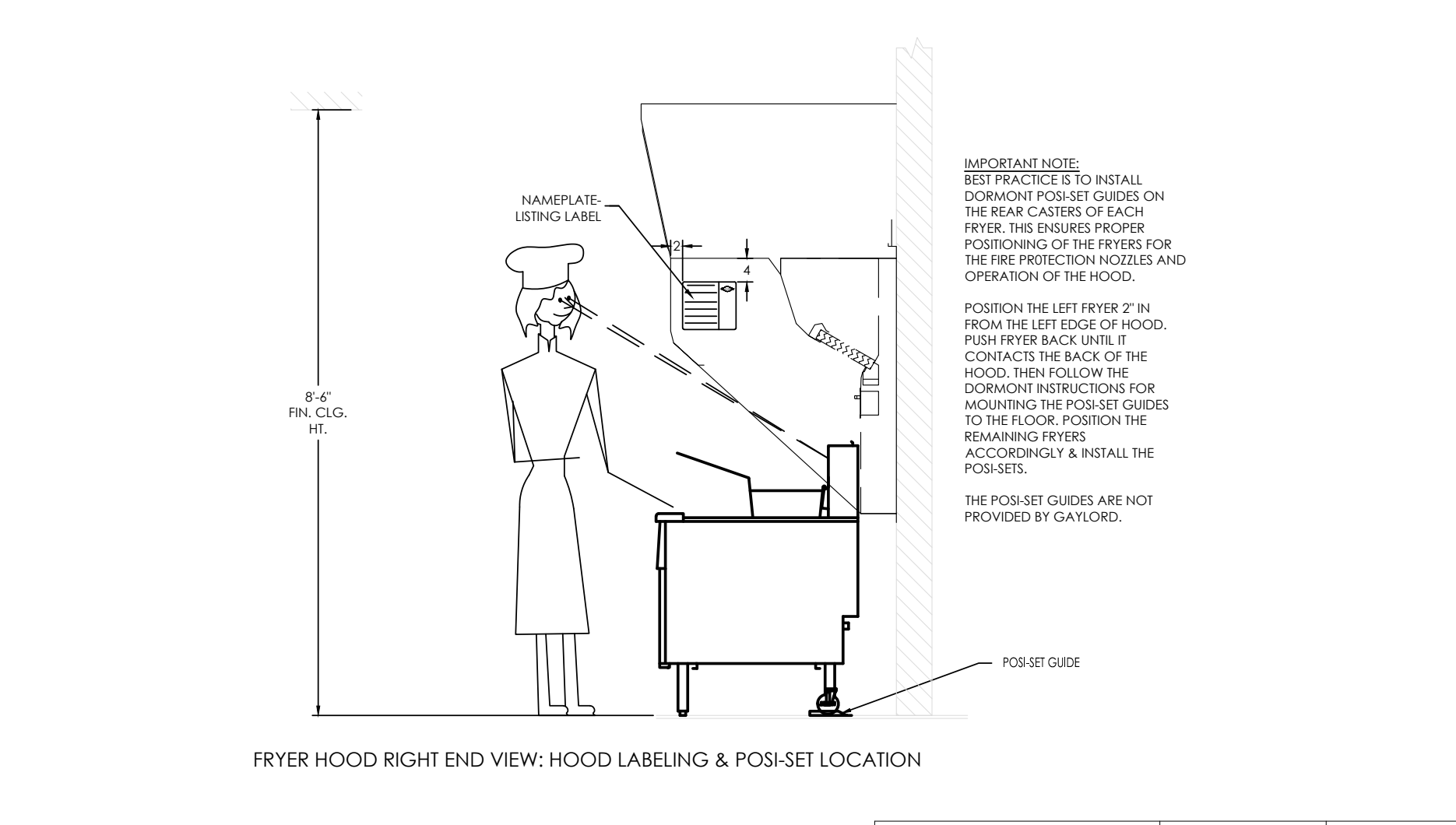
REV	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION
07	JFA	04/11/13	No Change							
06	JFA	11/05/11	MOVE C-1260 REV 01 TO C-12634 REV 6 BK APPROVED #							
05	JFA	07/11/11	MOVE C-1260 REV 01 TO C-12634 REV 6 BK APPROVED #							



REV	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION
07	JFA	04/11/13	No Change							
06	JFA	11/05/11	MOVE C-1260 REV 01 TO C-12634 REV 6 BK APPROVED #							
05	JFA	07/11/11	MOVE C-1260 REV 01 TO C-12634 REV 6 BK APPROVED #							



REV	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION
07	JFA	04/11/13	No Change							
06	JFA	11/05/11	MOVE C-1260 REV 01 TO C-12634 REV 6 BK APPROVED #							
05	JFA	07/11/11	MOVE C-1260 REV 01 TO C-12634 REV 6 BK APPROVED #							



REV	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION
07	JFA	04/11/13	No Change							
06	JFA	11/05/11	MOVE C-1260 REV 01 TO C-12634 REV 6 BK APPROVED #							
05	JFA	07/11/11	MOVE C-1260 REV 01 TO C-12634 REV 6 BK APPROVED #							

REV	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION
07	JFA	04/11/13	No Change							
06	JFA	11/05/11	MOVE C-1260 REV 01 TO C-12634 REV 6 BK APPROVED #							
05	JFA	07/11/11	MOVE C-1260 REV 01 TO C-12634 REV 6 BK APPROVED #							

REV	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION
07	JFA	04/11/13	No Change							
06	JFA	11/05/11	MOVE C-1260 REV 01 TO C-12634 REV 6 BK APPROVED #							
05	JFA	07/11/11	MOVE C-1260 REV 01 TO C-12634 REV 6 BK APPROVED #							

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

Drawn By: cp
Checked: 58
Scale: AS NOTED
Date: ---/---/21



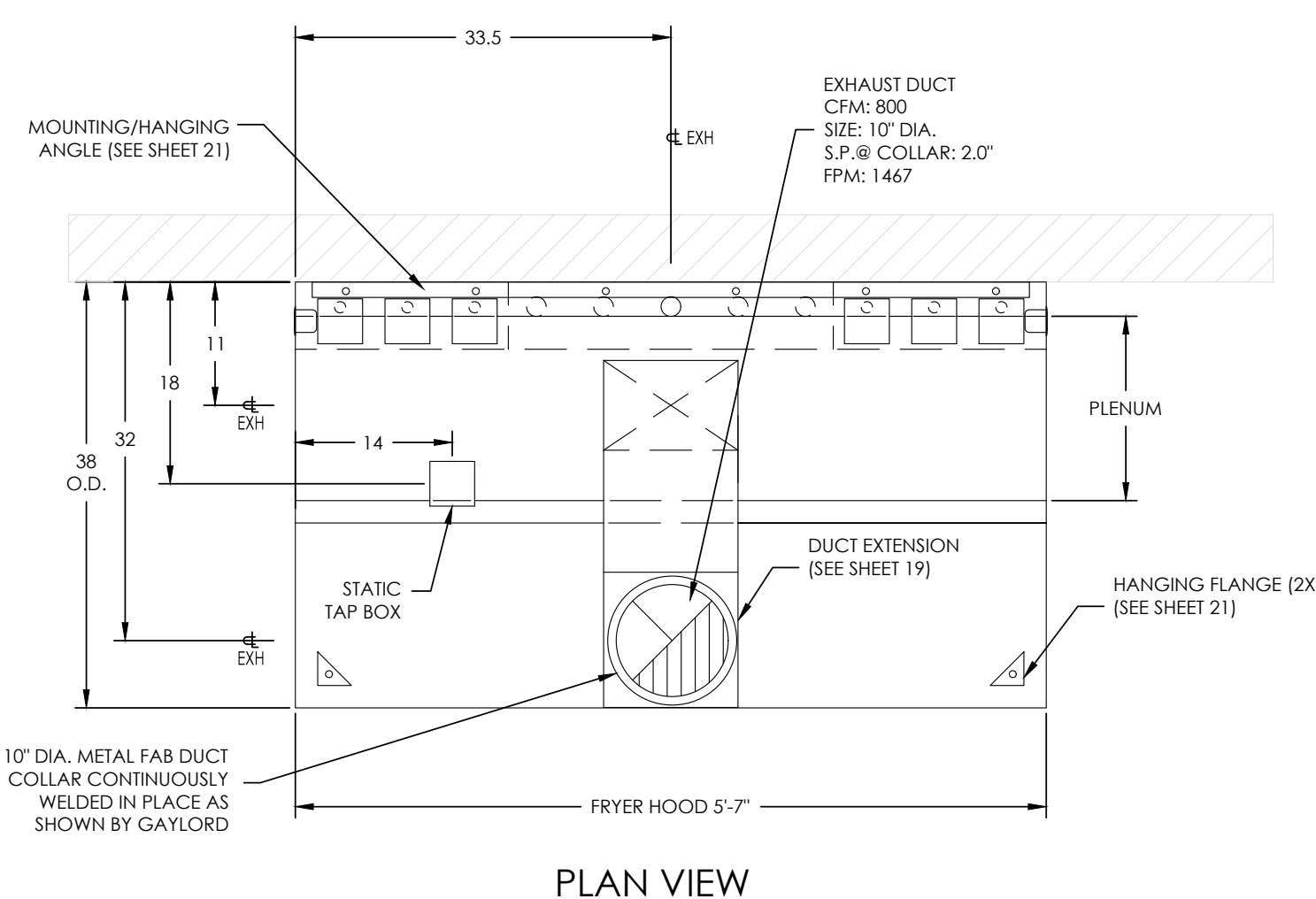
PROJECT: BURGER KING 1400 NAFANES ST. ELKHART, IN 46514

SHEET TITLE: GAYLORD FRYER HOOD DRAWINGS

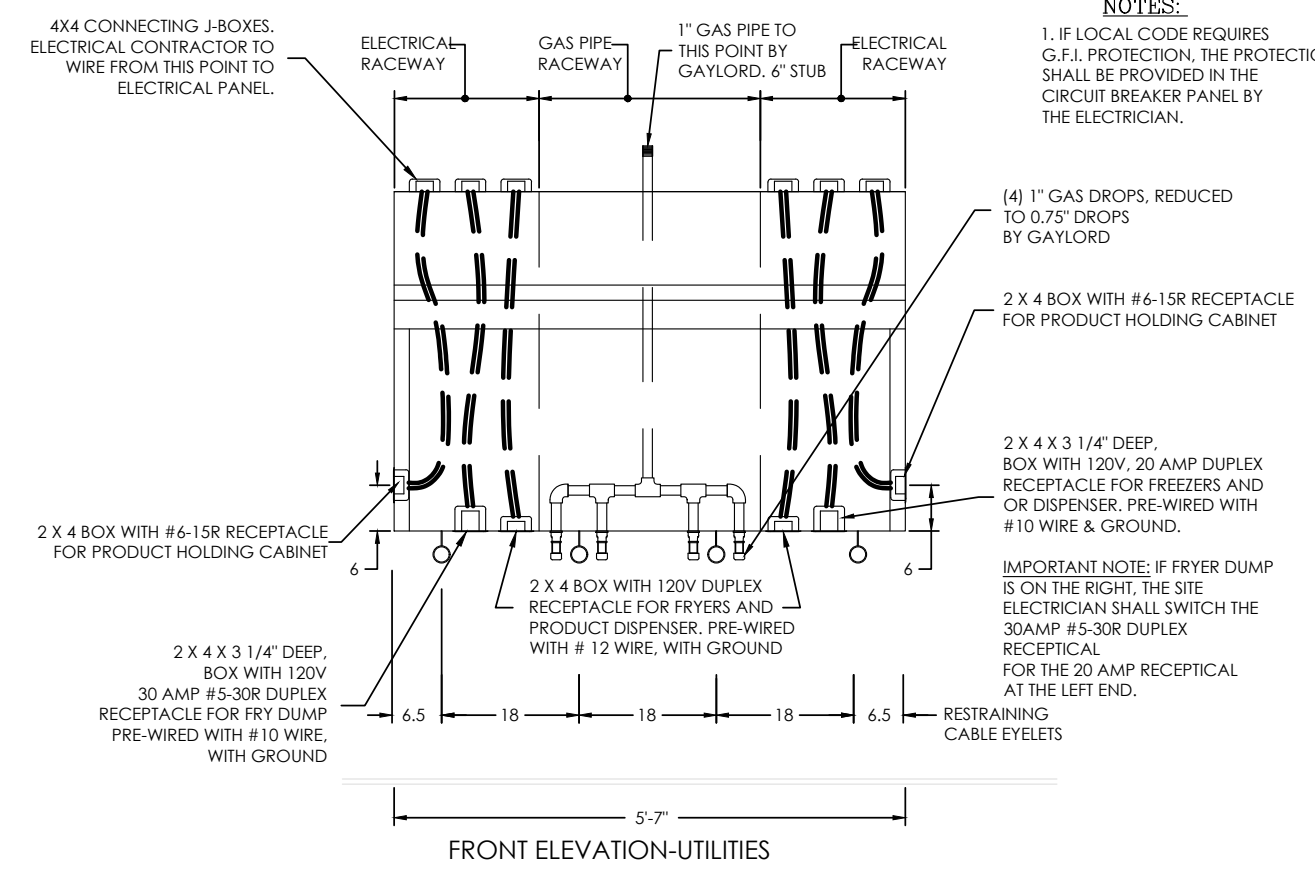
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

JOB # TG-21668

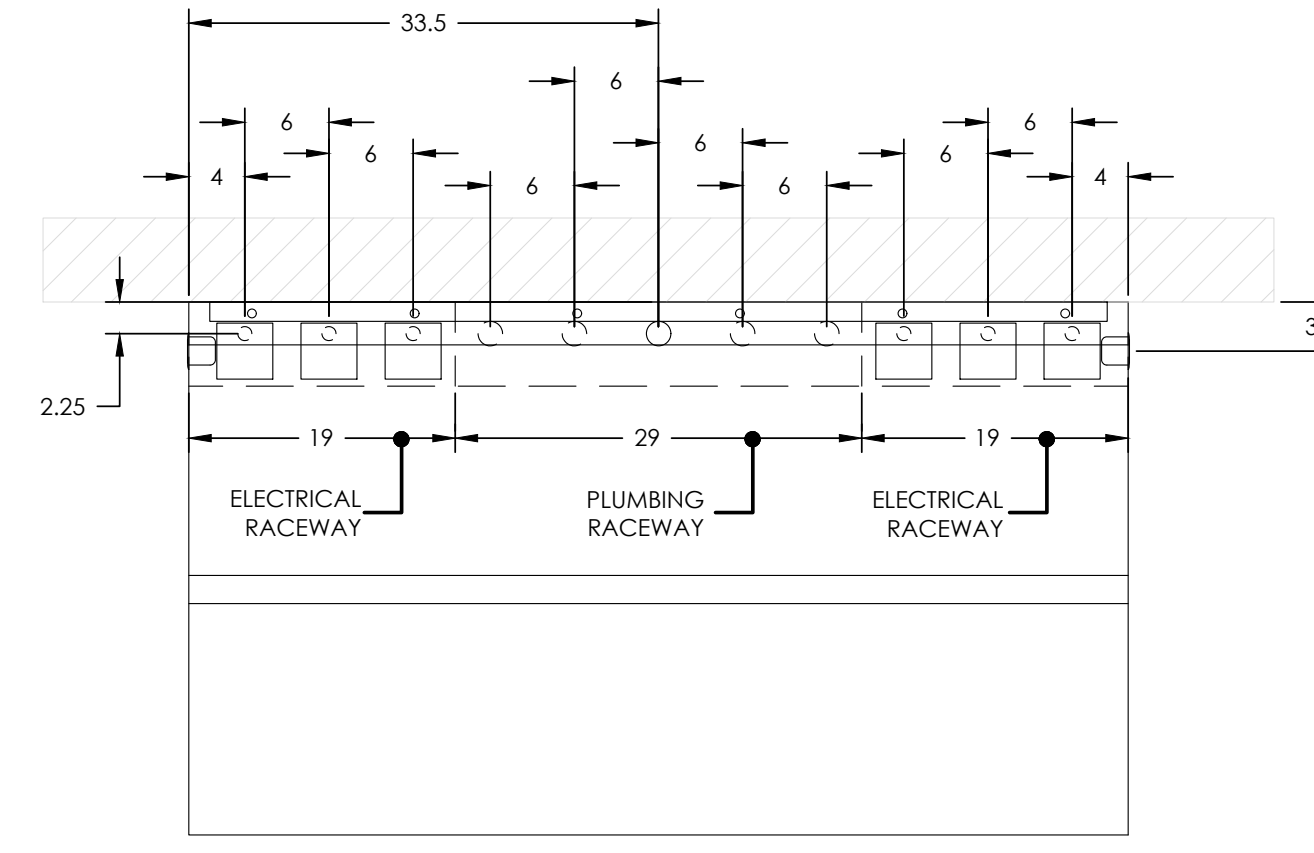
SHEET M-7



PLAN VIEW



FRONT ELEVATION-UTILITIES

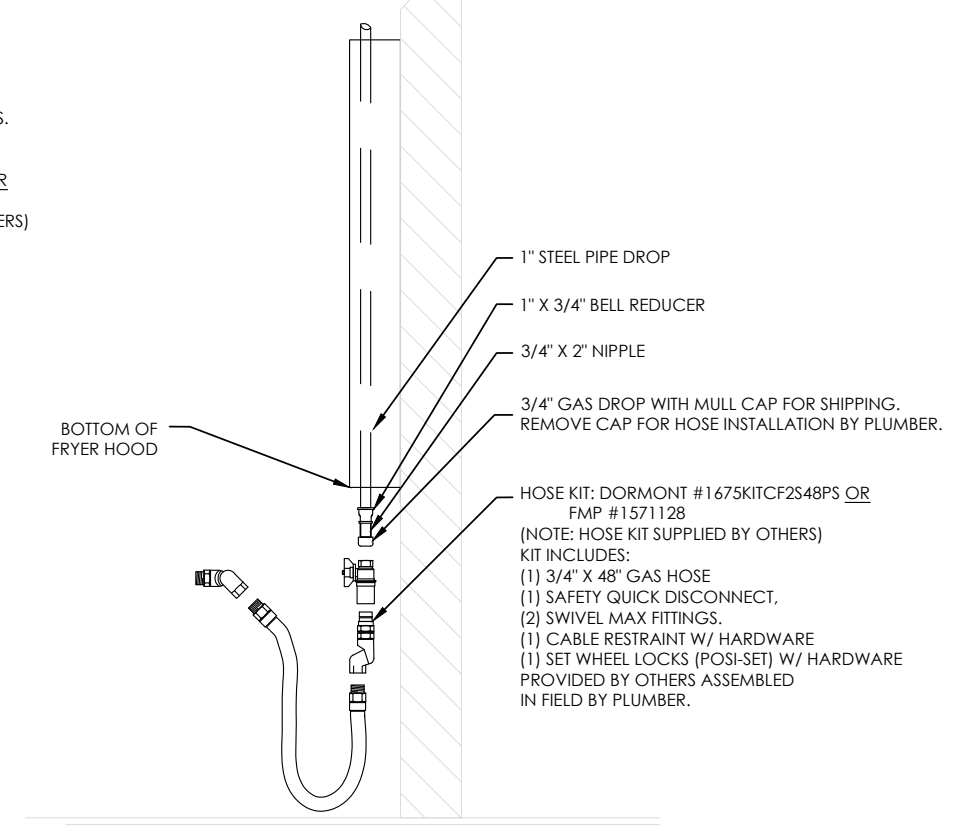


PLAN VIEW UTILITIES

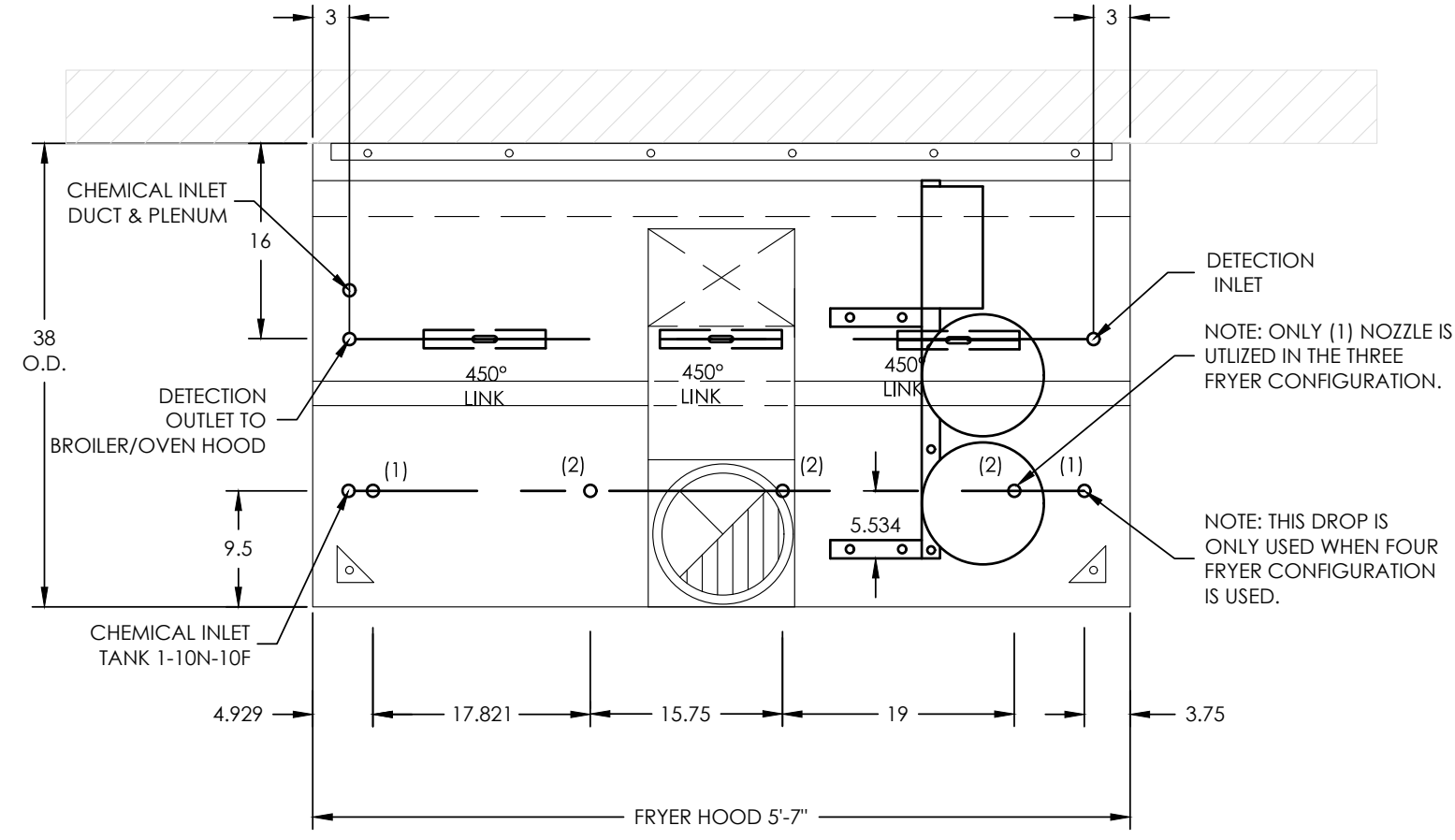
REV	DATE	DESCRIPTION	CHKD	DATE	DESCRIPTION
07	JFA 04/11/13	No Change			
06	JFA 11/25/11	MOVE C-1268 REV 01 TO C-1264 REV 6 BK APPROVED #			

REV	DATE	DESCRIPTION	CHKD	DATE	DESCRIPTION
07	JFA 04/11/13	No Change			
06	JFA 11/25/11	MOVE C-1268 REV 01 TO C-1264 REV 6 BK APPROVED #			

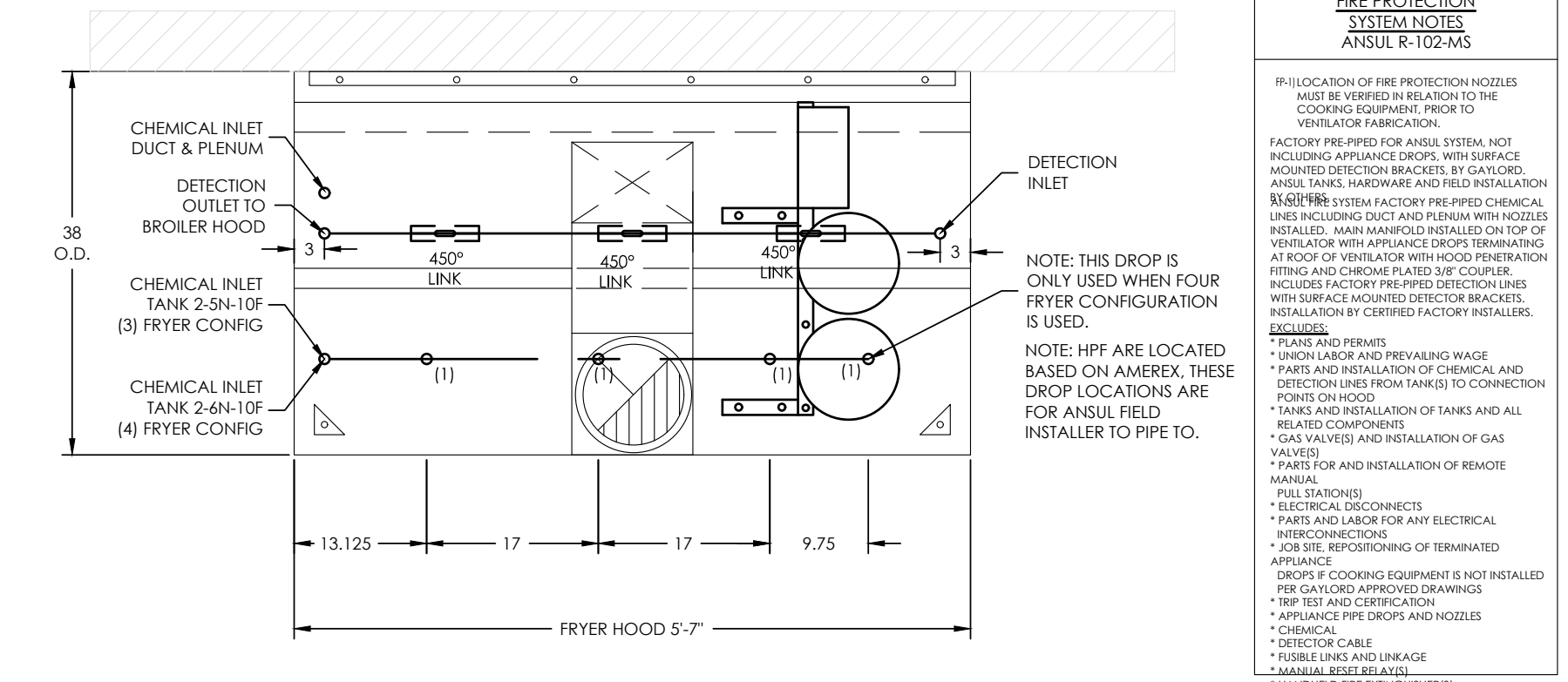
REV	DATE	DESCRIPTION	CHKD	DATE	DESCRIPTION
07	JFA 04/11/13	No Change			
06	JFA 11/25/11	MOVE C-1268 REV 01 TO C-1264 REV 6 BK APPROVED #			



TYPICAL GAS APPLIANCE CONNECTION



PLAN VIEW - AMEREX FIRE SYSTEM PIPING LOCATIONS

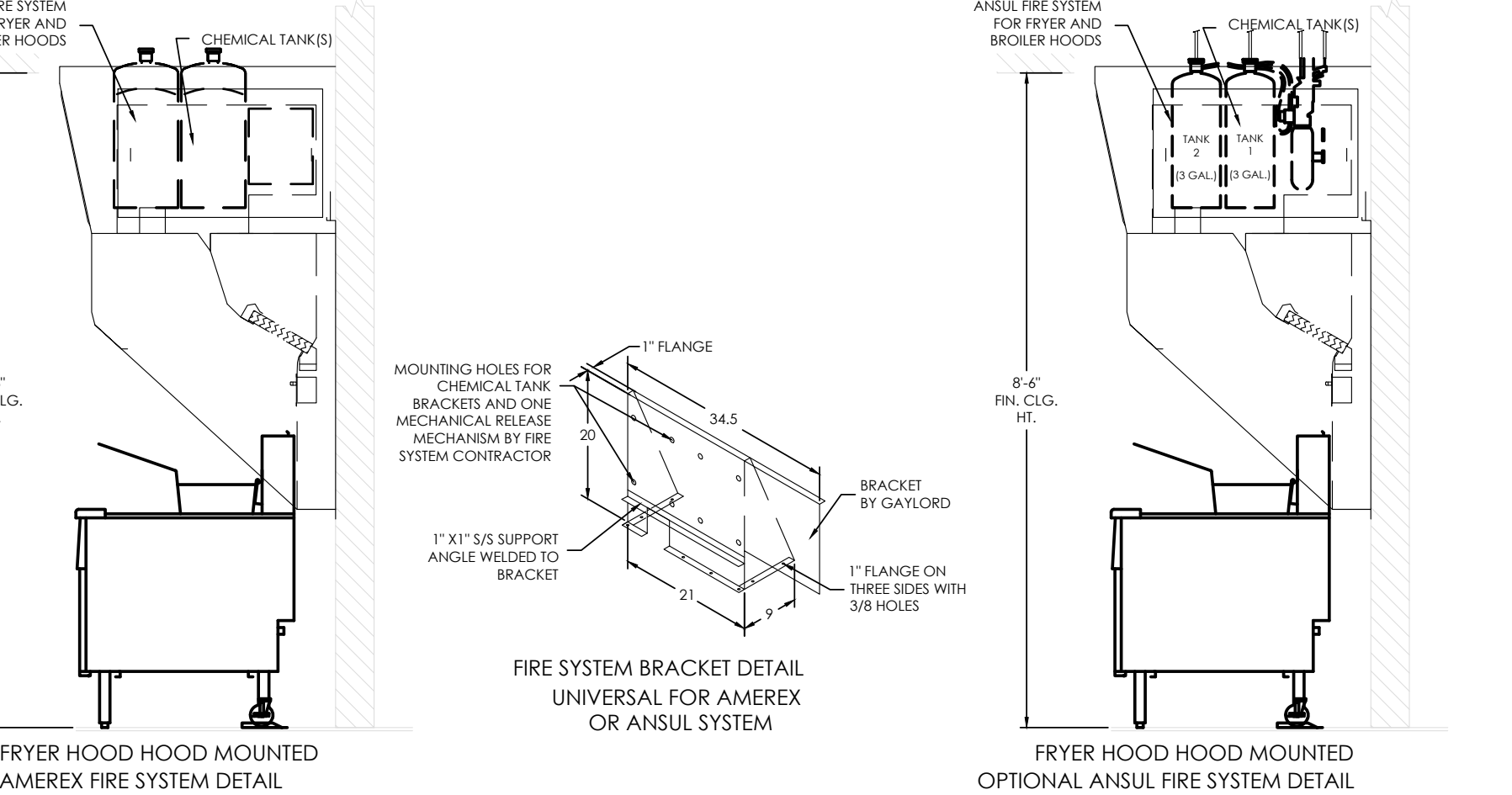


PLAN VIEW - OPTIONAL ANSUL FIRE SYSTEM PIPING LOCATIONS

REV	DATE	DESCRIPTION	CHKD	DATE	DESCRIPTION
07	JFA 04/11/13	No Change			
06	JFA 11/25/11	MOVE C-1268 REV 01 TO C-1264 REV 6 BK APPROVED #			

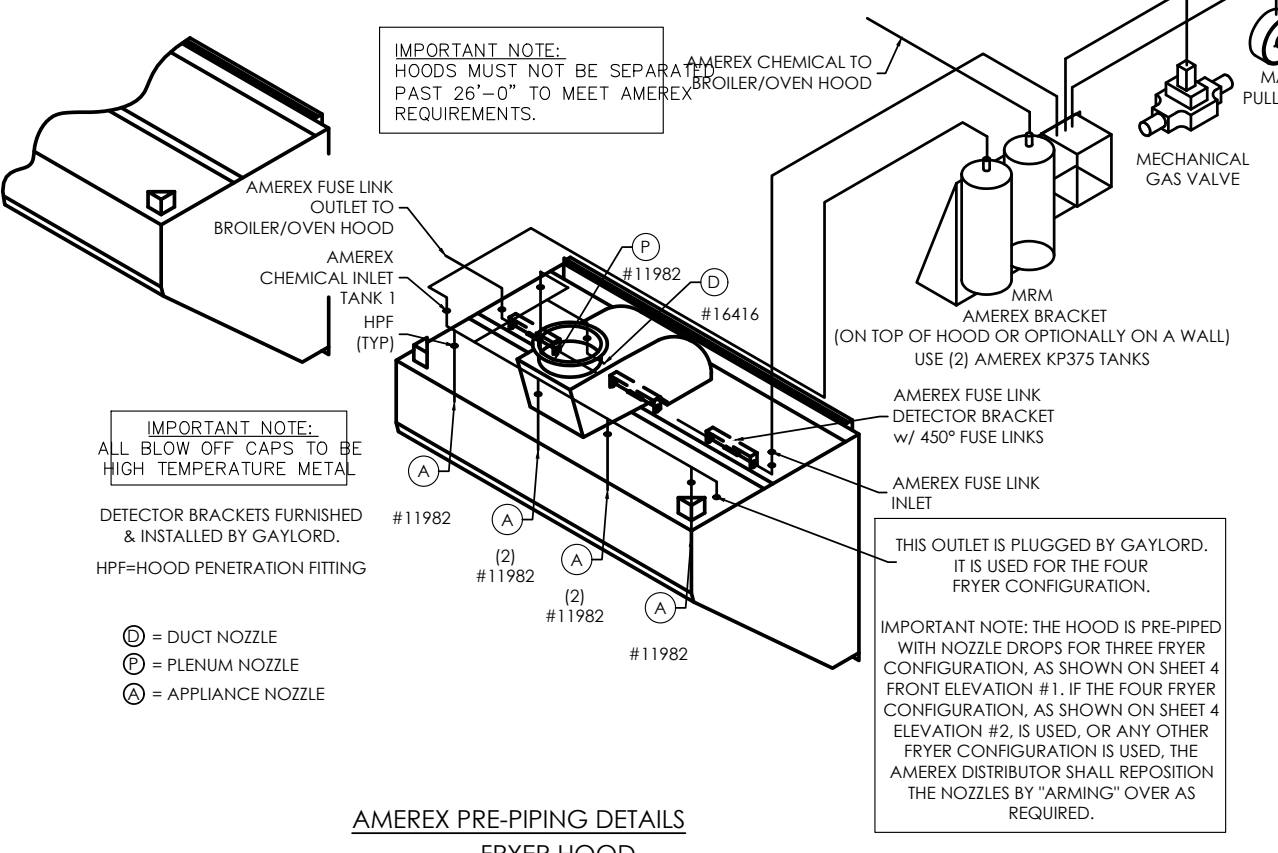
REV	DATE	DESCRIPTION	CHKD	DATE	DESCRIPTION
07	JFA 04/11/13	CHANGE TO 3 DETECTOR BRACKETS			
06	JFA 11/25/11	MOVE C-1268 REV 01 TO C-1264 REV 6 BK APPROVED #			

REV	DATE	DESCRIPTION	CHKD	DATE	DESCRIPTION
07	JFA 04/11/13	Add note for field install of drops			
06	JFA 11/25/11	MOVE C-1268 REV 01 TO C-1264 REV 6 BK APPROVED #			

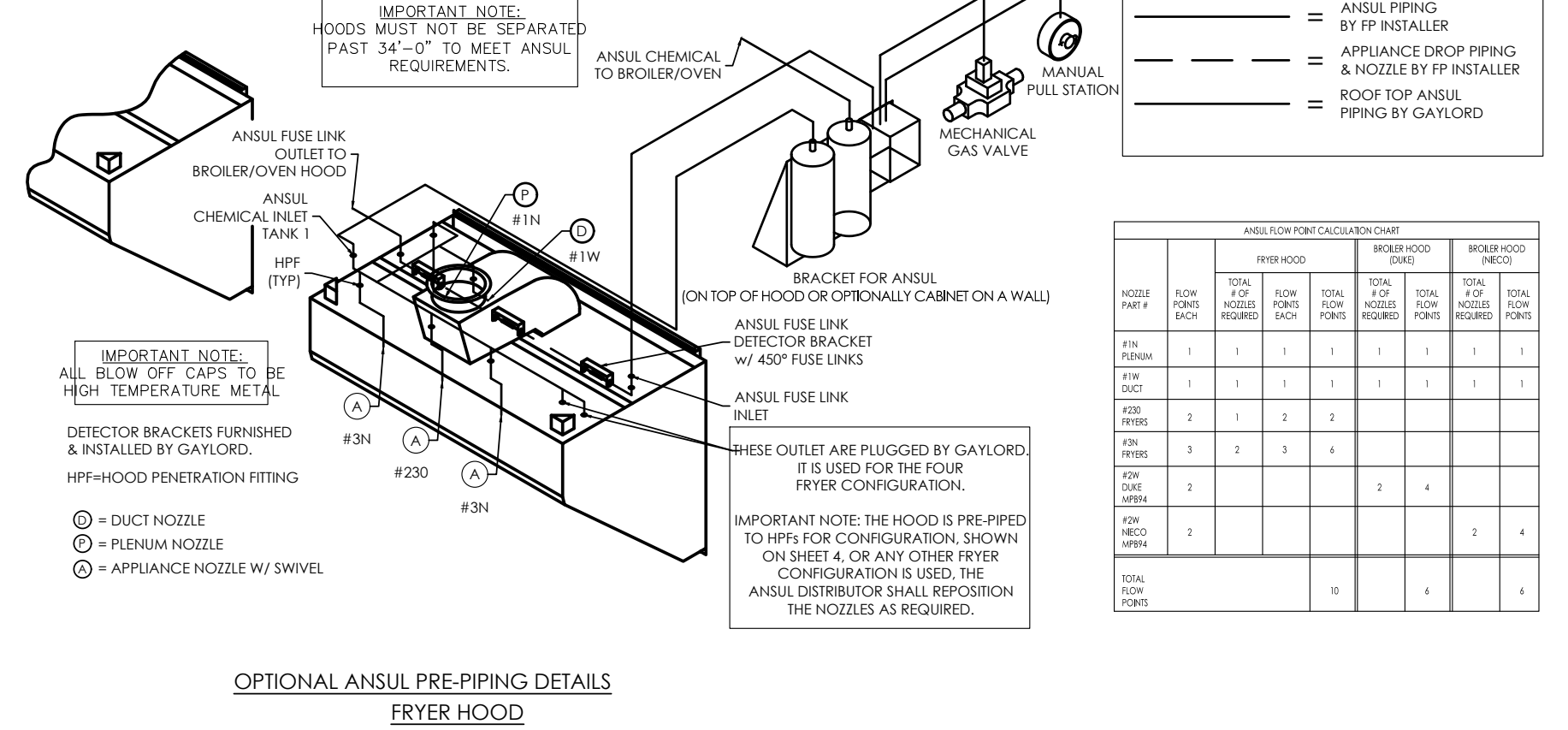


FRYER HOOD HOOD MOUNTED AMEREX FIRE SYSTEM DETAIL

FRYER HOOD HOOD MOUNTED OPTIONAL ANSUL FIRE SYSTEM DETAIL



AMEREX PRE-PIPING DETAILS FRYER HOOD



OPTIONAL ANSUL PRE-PIPING DETAILS FRYER HOOD

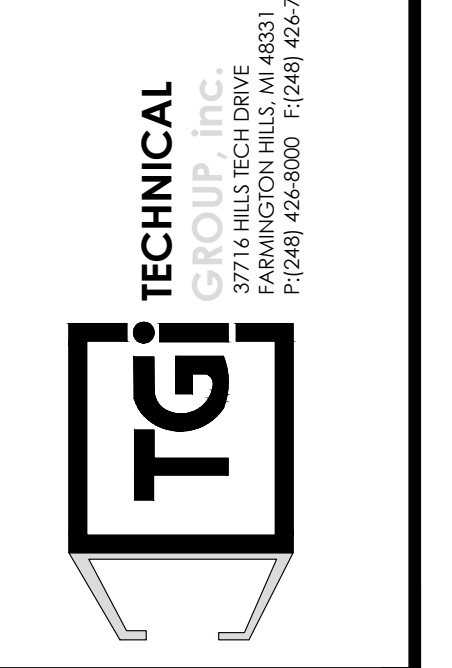
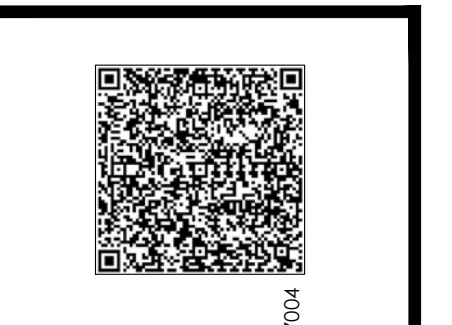
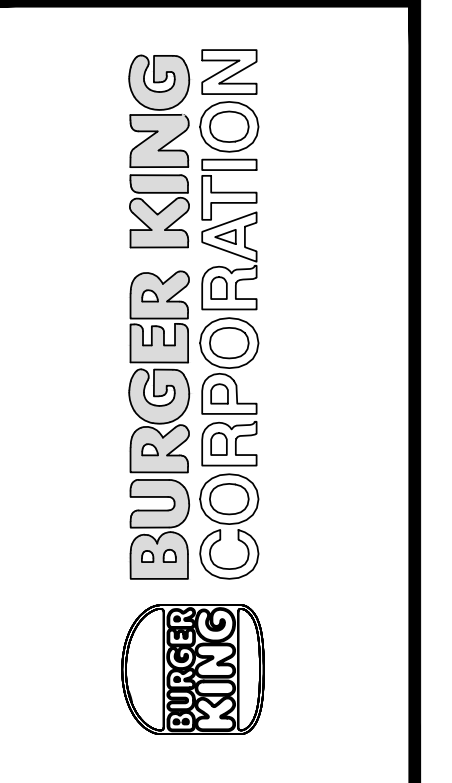
REV	DATE	DESCRIPTION	CHKD	DATE	DESCRIPTION
07	JFA 4/11/13	No Change			
06	JFA 11/25/11	MOVE C-1268 REV 01 TO C-1264 REV 6 BK APPROVED #			

REV	DATE	DESCRIPTION	CHKD	DATE	DESCRIPTION
07	JFA 4/11/13	Change to 3 detector brackets			
06	JFA 11/25/11	MOVE C-1268 REV 01 TO C-1264 REV 6 BK APPROVED #			

REV	DATE	DESCRIPTION	CHKD	DATE	DESCRIPTION
07	JFA 4/11/13	Change notes on appliance drops			
06	JFA 11/25/11	MOVE C-1268 REV 01 TO C-1264 REV 6 BK APPROVED #			

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

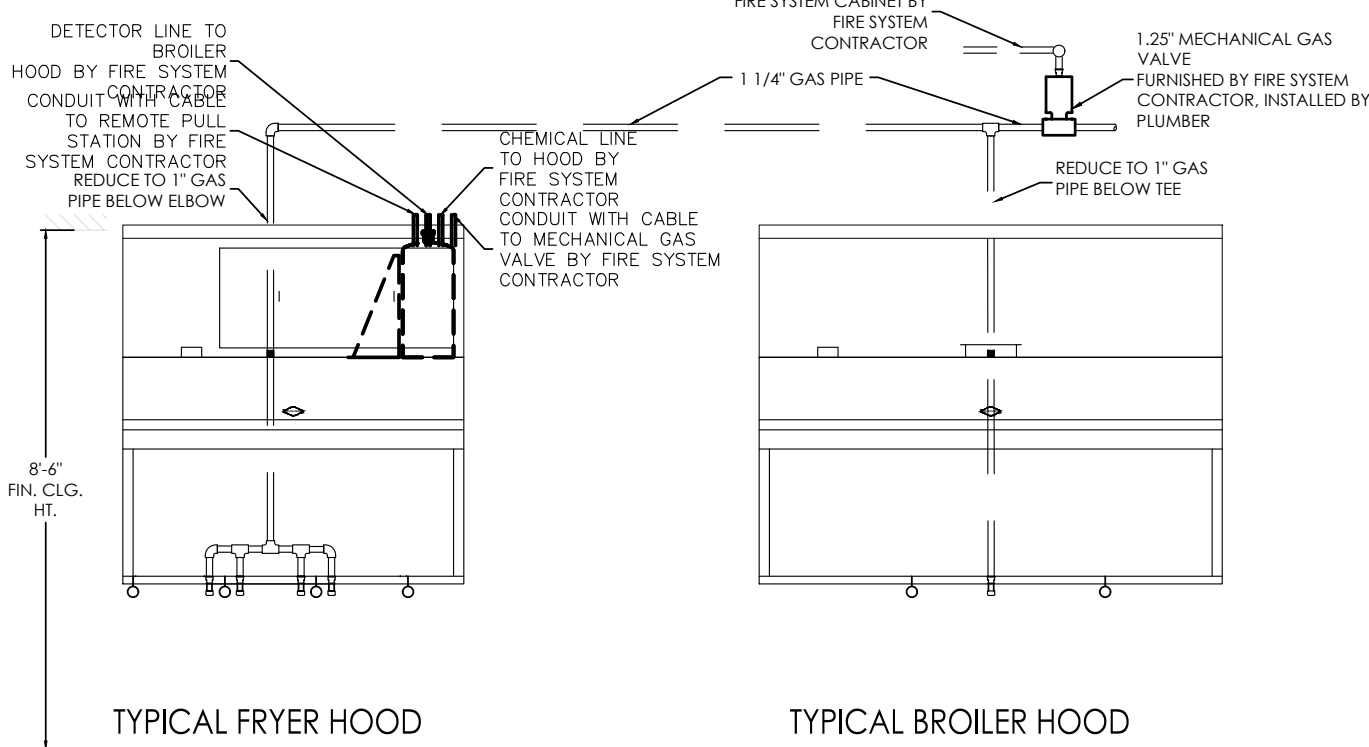
Drawn By: cp
Checked: SB
Scale: AS NOTED
Date: ---/---/21



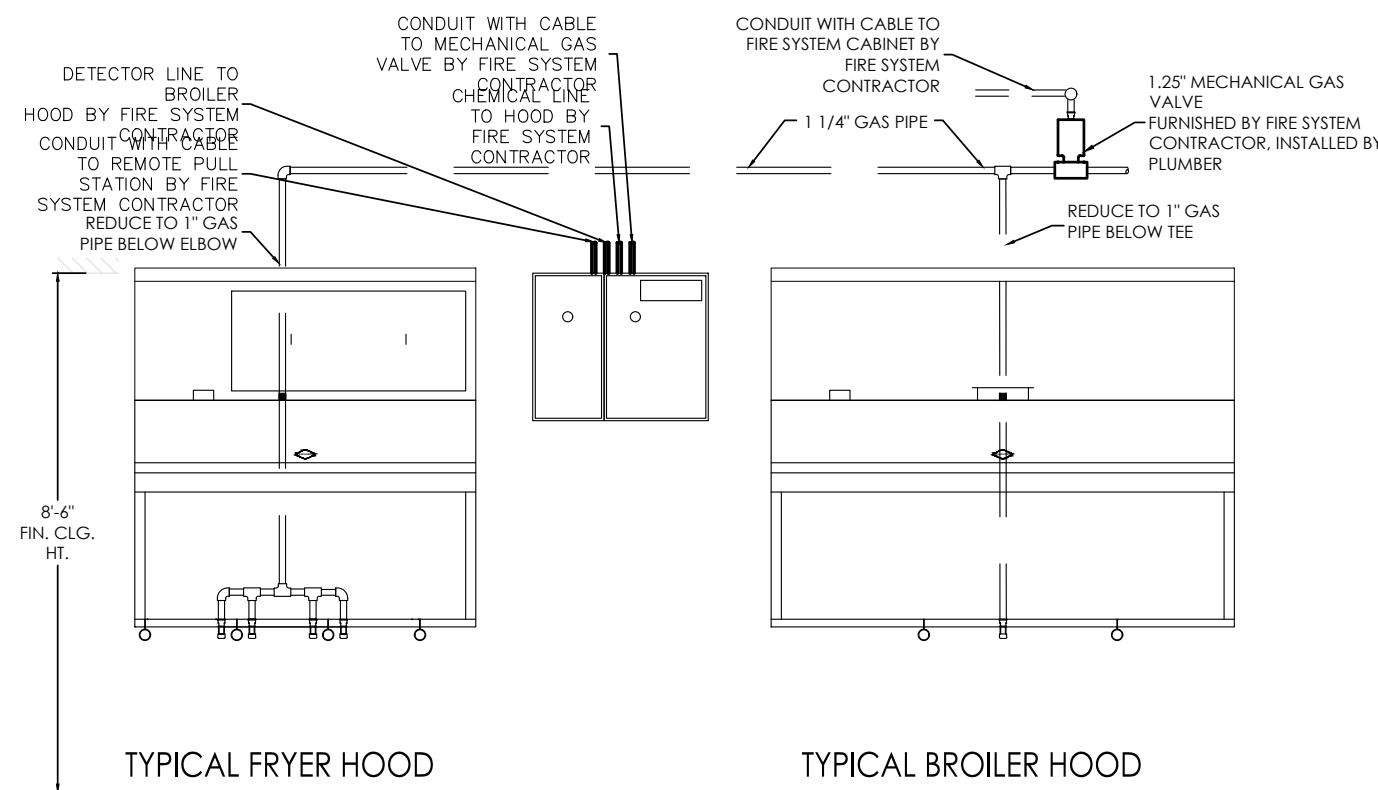
PROJECT: BURGER KING 1400 N. PANES ST. ELKHART, IN 46514
SHEET TITLE: FRYER HOOD DRAWINGS
JOB #: TG-21668
SHEET: M-8

ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT WRITTEN AUTHORIZATION FROM THE ARCHITECT.

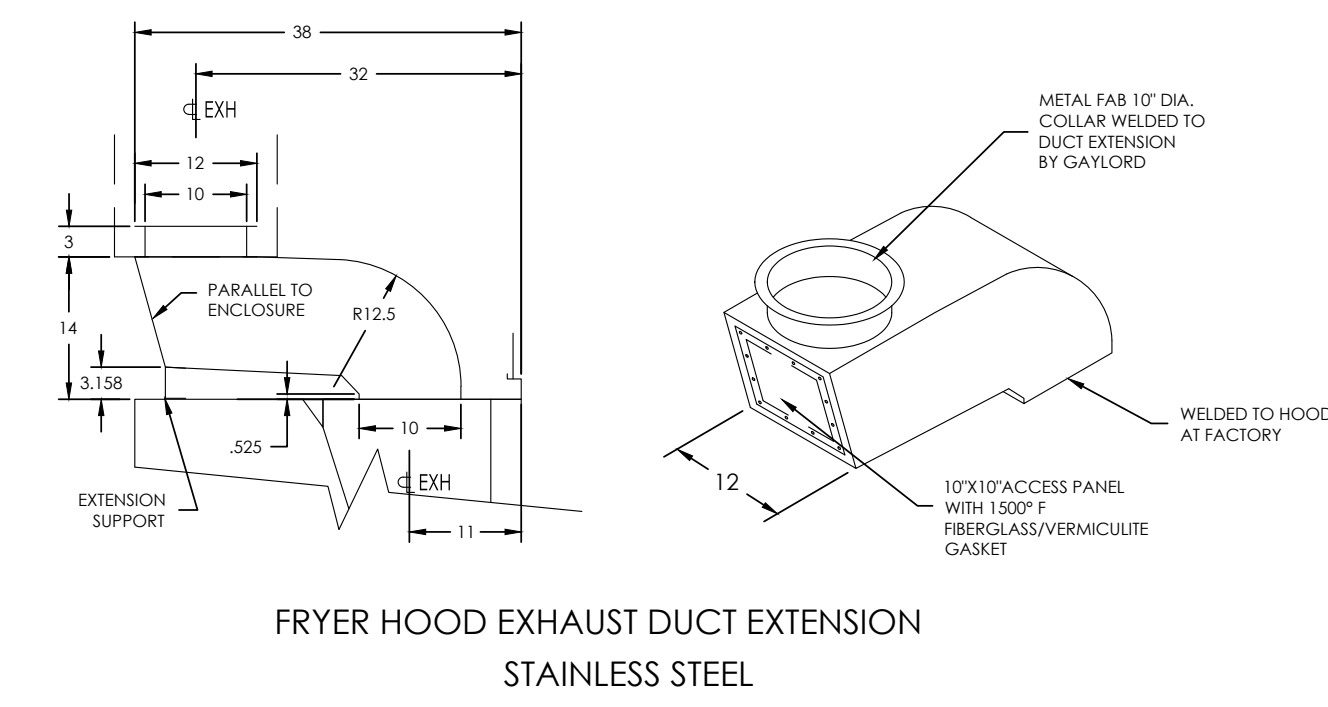
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.



TYPICAL STANDARD HOOD MOUNTED FIRE SYSTEM ARRANGEMENT USING ONE SYSTEM TO SERVE BOTH HOODS



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

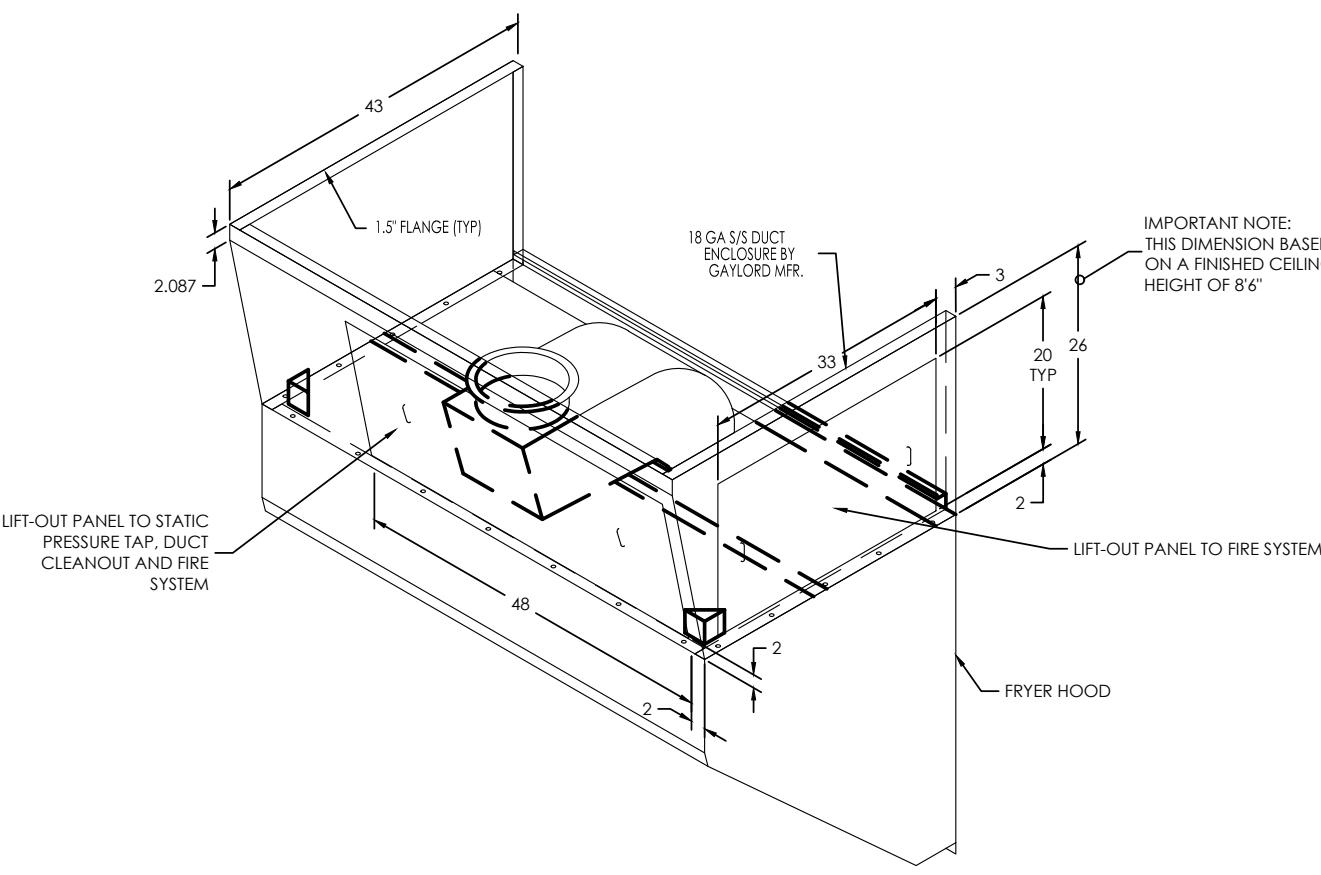


FRYER HOOD EXHAUST DUCT EXTENSION STAINLESS STEEL

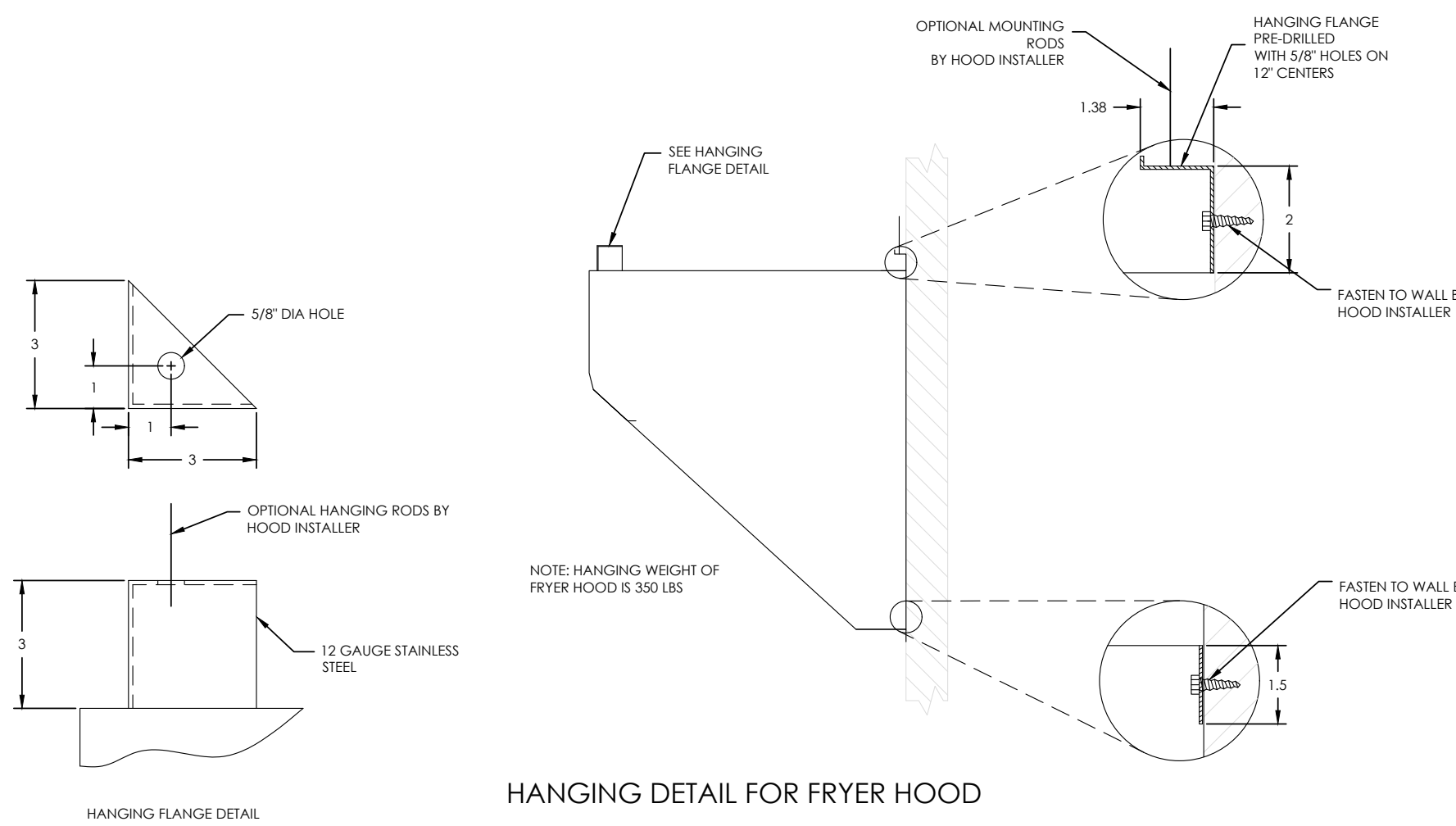
REV	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION
07	JFA	4/11/13	No Change							
06	JFA	11/25/11	MOVE C-1268 REV 01 TO C-1264 REV 6 BK APPROVED #							

REV	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION
07	JFA	4/11/13	No Change							
06	JFA	11/25/11	MOVE C-1268 REV 01 TO C-1264 REV 6 BK APPROVED #							

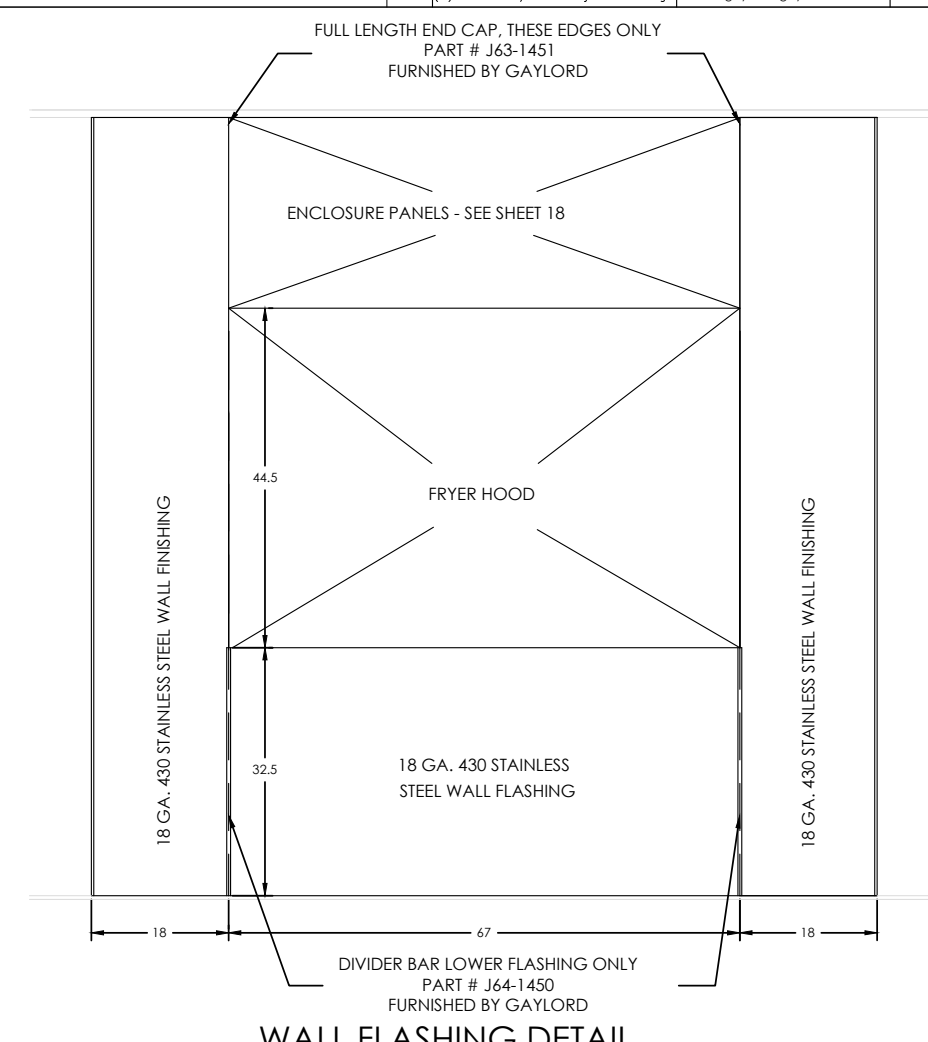
REV	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION
07	JFA	4/11/13	No Change							
06	JFA	11/25/11	MOVE C-1268 REV 01 TO C-1264 REV 6 BK APPROVED #							



FRYER HOOD ENCLOSURE PANELING DETAIL



HANGING DETAIL FOR FRYER HOOD

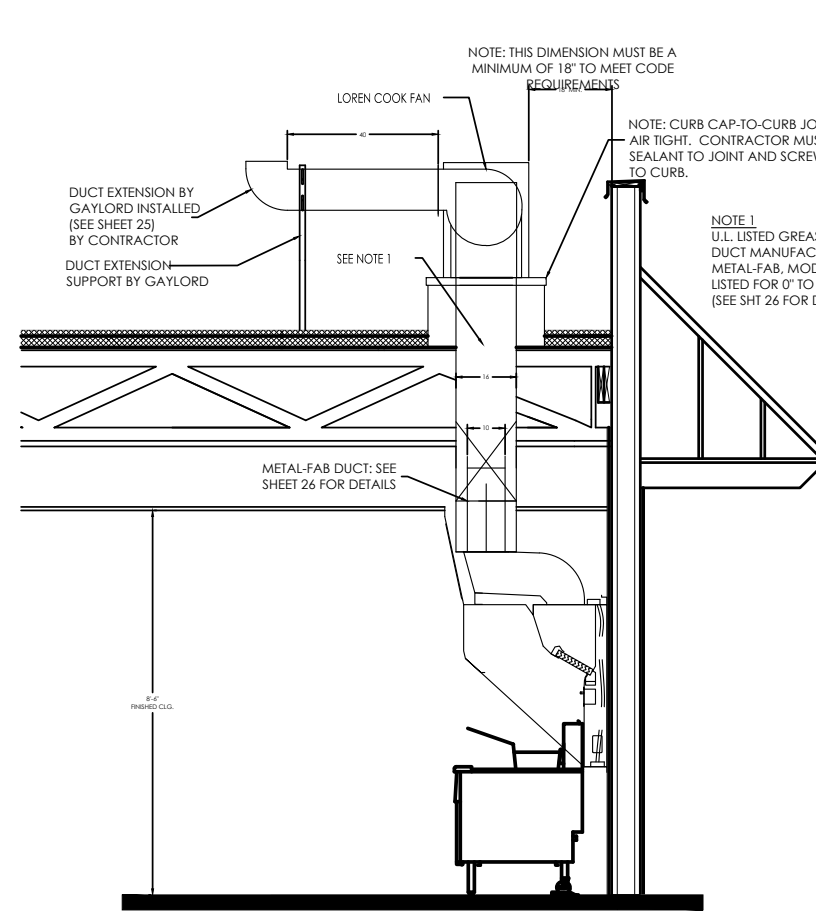


WALL FLASHING DETAIL

REV	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION
07	JFA	4/11/13	No Change							
06	JFA	11/25/11	MOVE C-1268 REV 01 TO C-1264 REV 6 BK APPROVED #							

REV	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION
07	JFA	4/11/13	No Change							
06	JFA	11/25/11	MOVE C-1268 REV 01 TO C-1264 REV 6 BK APPROVED #							

REV	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION
07	JFA	4/11/13	No Change							
06	JFA	11/25/11	MOVE C-1268 REV 01 TO C-1264 REV 6 BK APPROVED #							



FRYER HOOD SECTION VIEW

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

Cutting Hole in the Roof Deck, One Hood

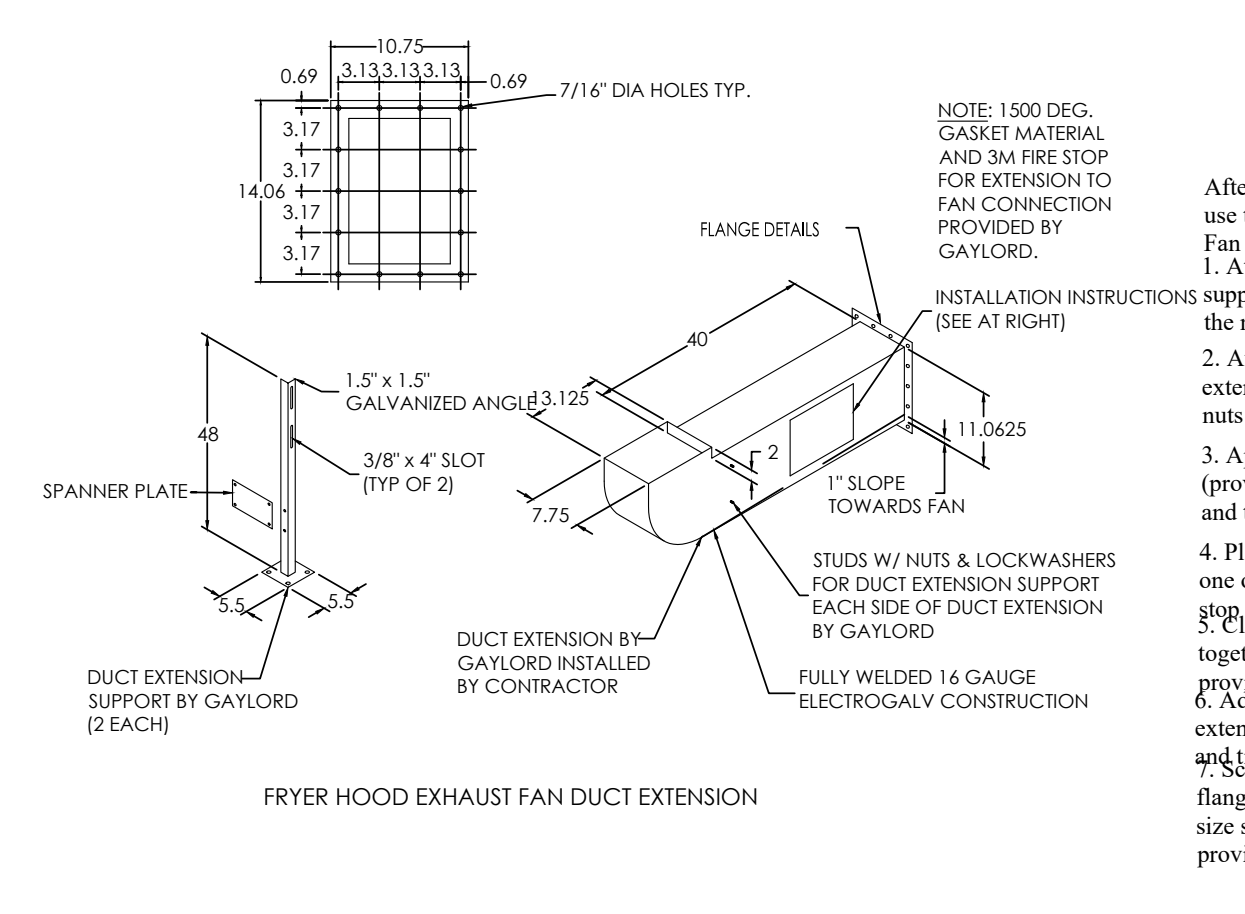
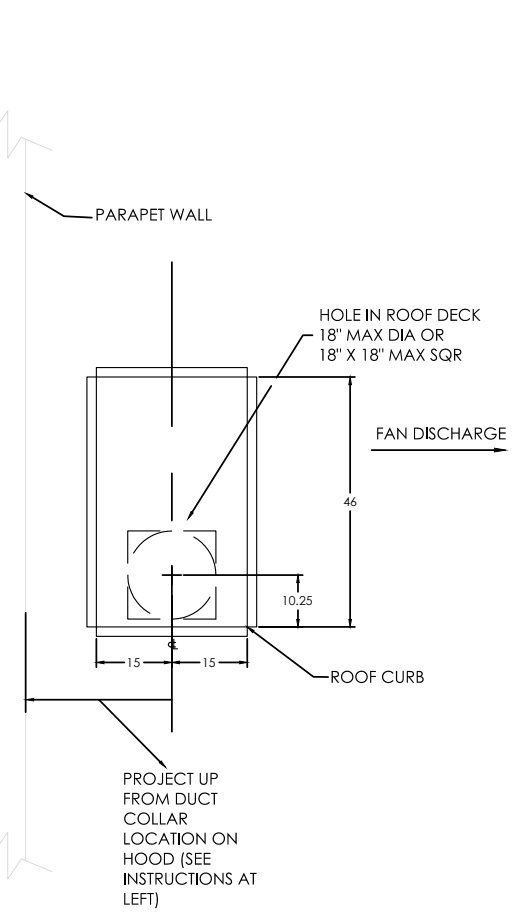
1. The hood exhaust duct collar is located, left to right, in the center of the hood, and located 32" off the sheet-rock kitchen wall to the center of the duct.
2. Project this centerline dimension to the roof deck and cut a hole a minimum of 17" in diameter and no greater than 18". A square hole of the same dimension may also be cut. A square hole of the same dimension may also be cut.

Spotting the Roof Curb

1. The roof curb is not symmetrical and therefore it is very important that it be installed per these instructions.
2. The curb is set at parallel the parapet wall as shown on the illustration of the right.
3. The discharge of the exhaust fan is horizontal and faces away from the roof parapet.
4. As you face the parapet wall (imagine fan outlet facing you when in place) the left end 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.
5. The curb should be set away from the parapet wall so that it is centered over the hole in the roof deck.
6. 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 #26 and Metal-Fab Factory Instructions.



FRYER HOOD EXHAUST FAN DUCT EXTENSION

INSTALLATION INSTRUCTIONS

- After the exhaust fan is mounted on the curb, use the following instructions to install the Fan Duct Extension:
1. Attach the two fan discharge extension support legs to the duct extension with the nuts provided. Do not tighten.
 2. Attach the spanner plate to the two duct extension support legs with the bolts and nuts provided. Tighten.
 3. Apply a 150° bead of 3M Fire Stop (provided) to the exhaust fan outlet flange and the fan discharge extension flange.
 4. Place the 1500 degree gasket material on one of the flanges, allowing the 3M fire stop to hold it in place.
 5. Clamp the two flanges together and bolt together with the bolts, washers, and nuts provided. Tighten.
 6. Adjust the support legs so the duct extension slopes slightly towards the fan and tighten the nuts.

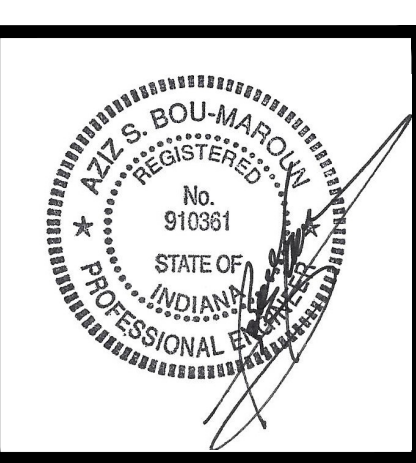
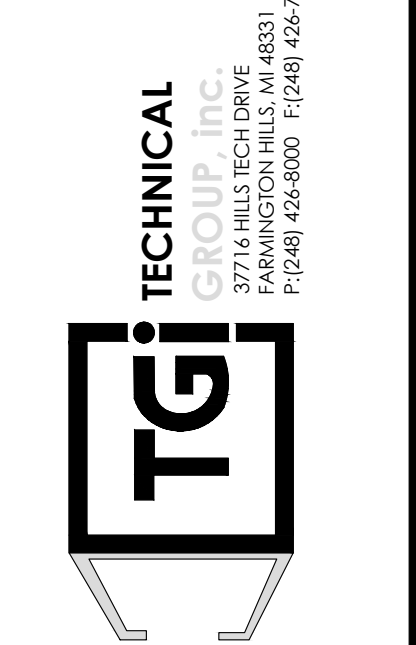
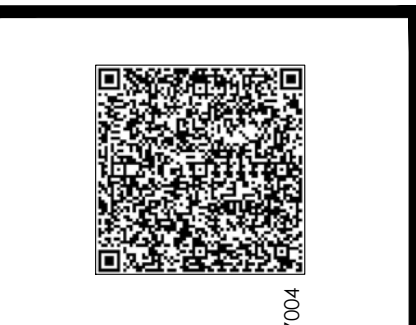
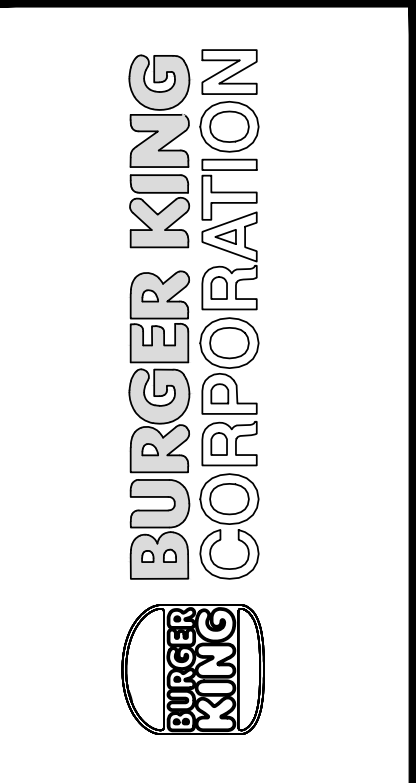
REV	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION
07	JFA	4/11/13	No Change							
06	JFA	11/25/11	MOVE C-1268 REV 01 TO C-1264 REV 6 BK APPROVED #							

REV	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION
07	JFA	4/11/13	No Change							
06	JFA	11/25/11	MOVE C-1268 REV 01 TO C-1264 REV 6 BK APPROVED #							

REV	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION
07	JFA	4/11/13	No Change							
06	JFA	11/25/11	MOVE C-1268 REV 01 TO C-1264 REV 6 BK APPROVED #							

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

Drawn By: cp
Checked: SB
Scale: AS NOTED
Date: ---/---/21

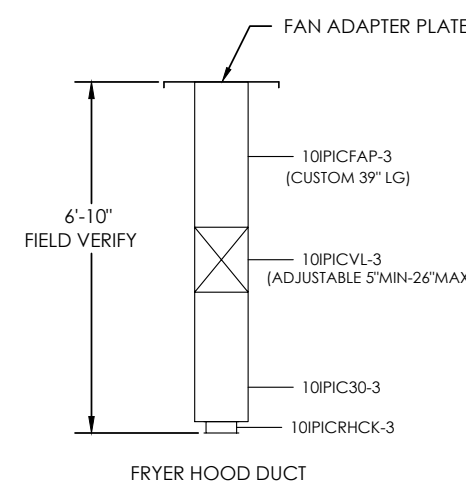
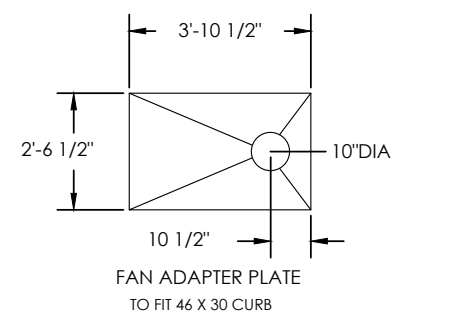


PROJECT: BURGER KING 1400 MAPLE AVE. S.E., INDIANAPOLIS, IN 46214
SHEET TITLE: FRYER HOOD DRAWINGS
JOB #: TG-21668
SHEET: M-9

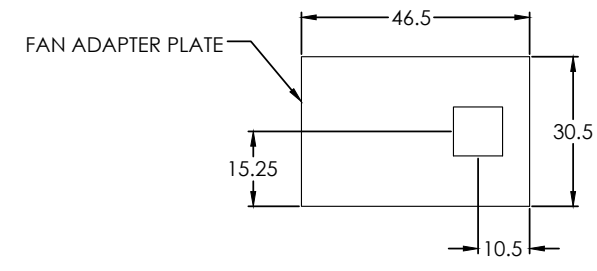
ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN AUTHORIZATION FROM THE ARCHITECT.

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/L2502.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.

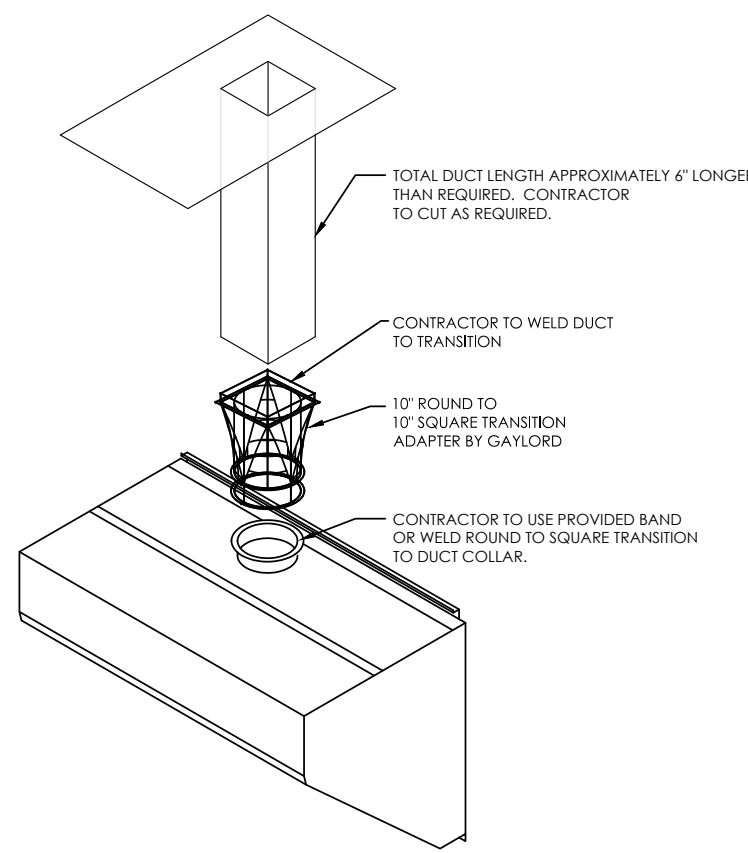


METAL-FAB DUCT COMPONENTS

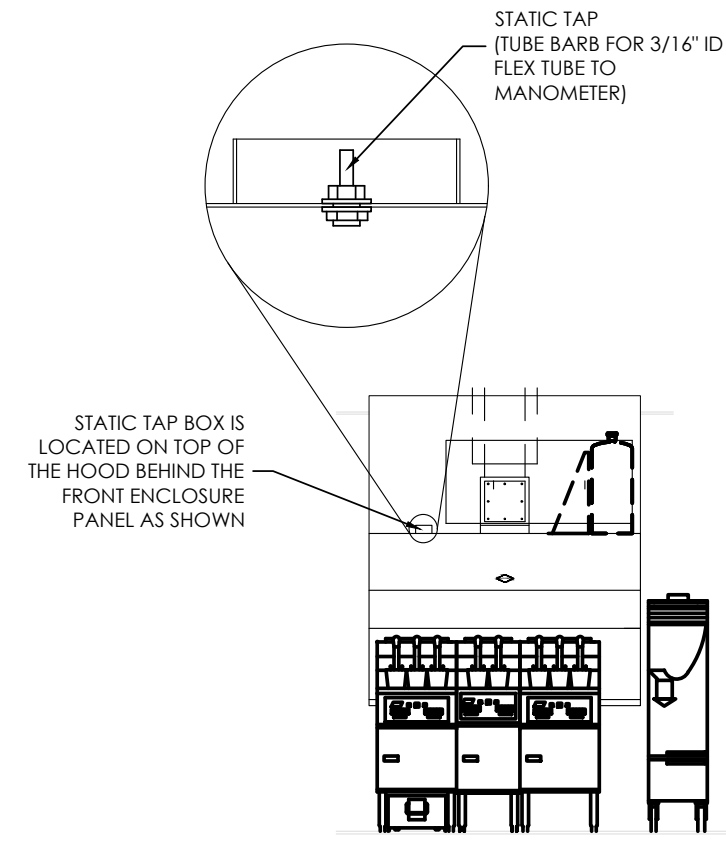


NOTES:

- 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 SIPS INTO HOOD DUCT COLLAR)
- IF FIRE RESISTANT DUCT WRAP IS NECESSARY TO MEET CODE REQUIREMENTS, IT SHALL BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR



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



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	11/21/11	MOVE C-1268 REV 01 TO C-1264 REV 6 BK APPROVED #					
05	JFA	11/21/11	ADD SHEET					

REV	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD
07	JFA	4/11/13	No Change					
06	JFA	11/21/11	ADD SHEET					

REV	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD
07	JFA	4/11/13	No Change					
06	JFA	11/21/11	MOVE C-1268 REV 01 TO C-1264 REV 6 BK APPROVED #					

BK ROC HOOD / EX. FAN / FIRE SYSTEM / HVAC CONTROL MATRIX AS OF 10-14-09

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	OFF	OFF	OFF	
FIRE SYSTEM DECHARGES	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	

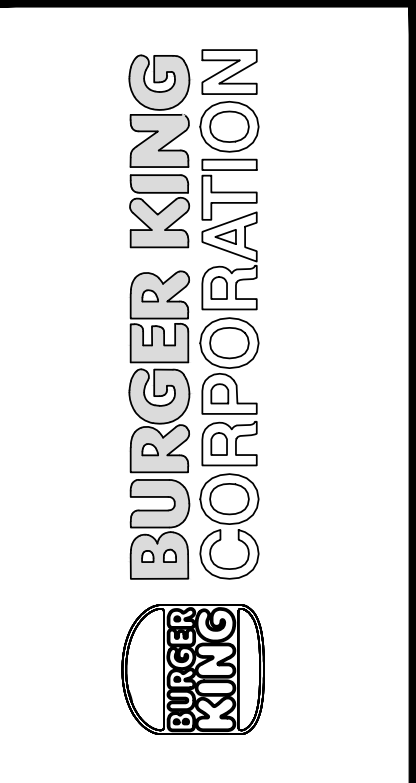
REV	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD
07	JFA	4/11/13	No Change					
06	JFA	11/21/11	MOVE C-1268 REV 01 TO C-1264 REV 6 BK APPROVED #					

REV	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD
07	JFA	4/11/13	No Change					
06	JFA	11/21/11	ADD SHEET					

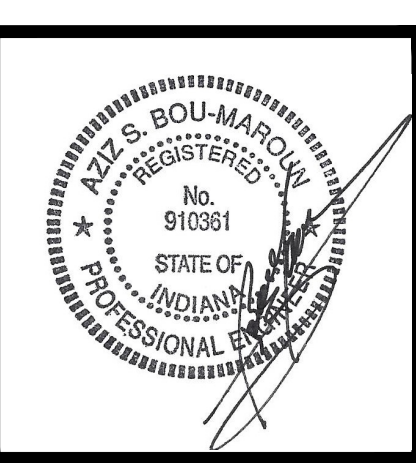
REV	DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD
07	JFA	4/11/13	No Change					
06	JFA	11/21/11	MOVE C-1268 REV 01 TO C-1264 REV 6 BK APPROVED #					

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

Drawn By: cp
Checked: sh
Scale: AS NOTED
Date: ---/21



TECHNICAL GROUP INC.
377 1/2 HILLS TECH DRIVE
FARMINGTON HILLS, MI 48331
1-248-765-8800 1-248-765-7004



PROJECT: BURGER KING 1440 MAPLEAVES ST. ELKHART, IN 46514

SHEET TITLE: FRYER HOOD DRAWINGS

DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

JOB # TG-21668

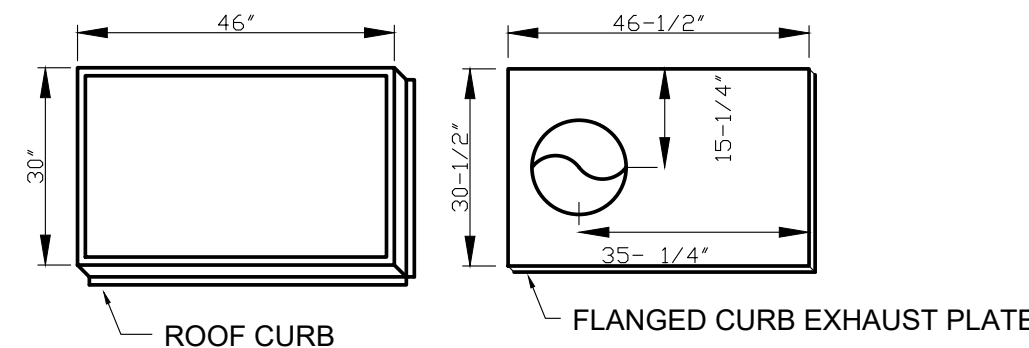
SHEET M-10

ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT WRITTEN AUTHORIZATION FROM THE ARCHITECT.

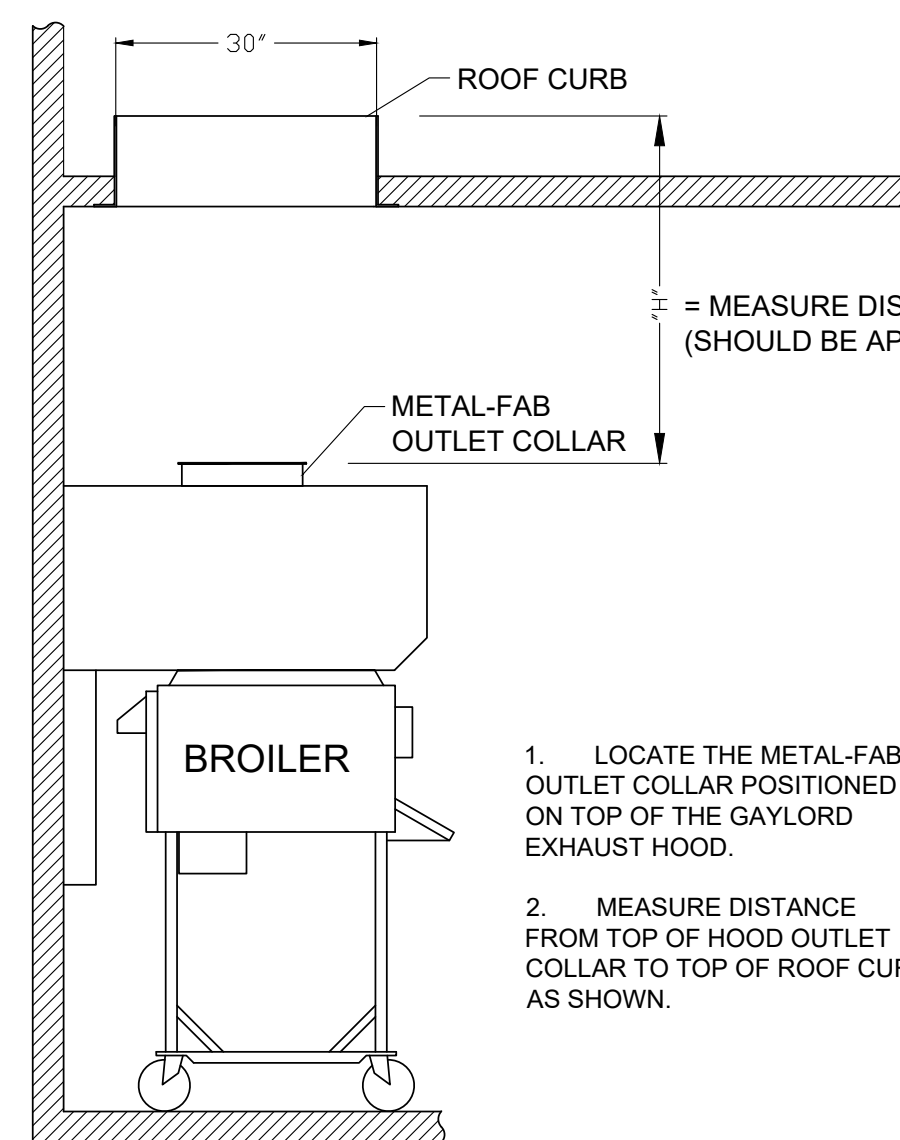
STEP-1

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

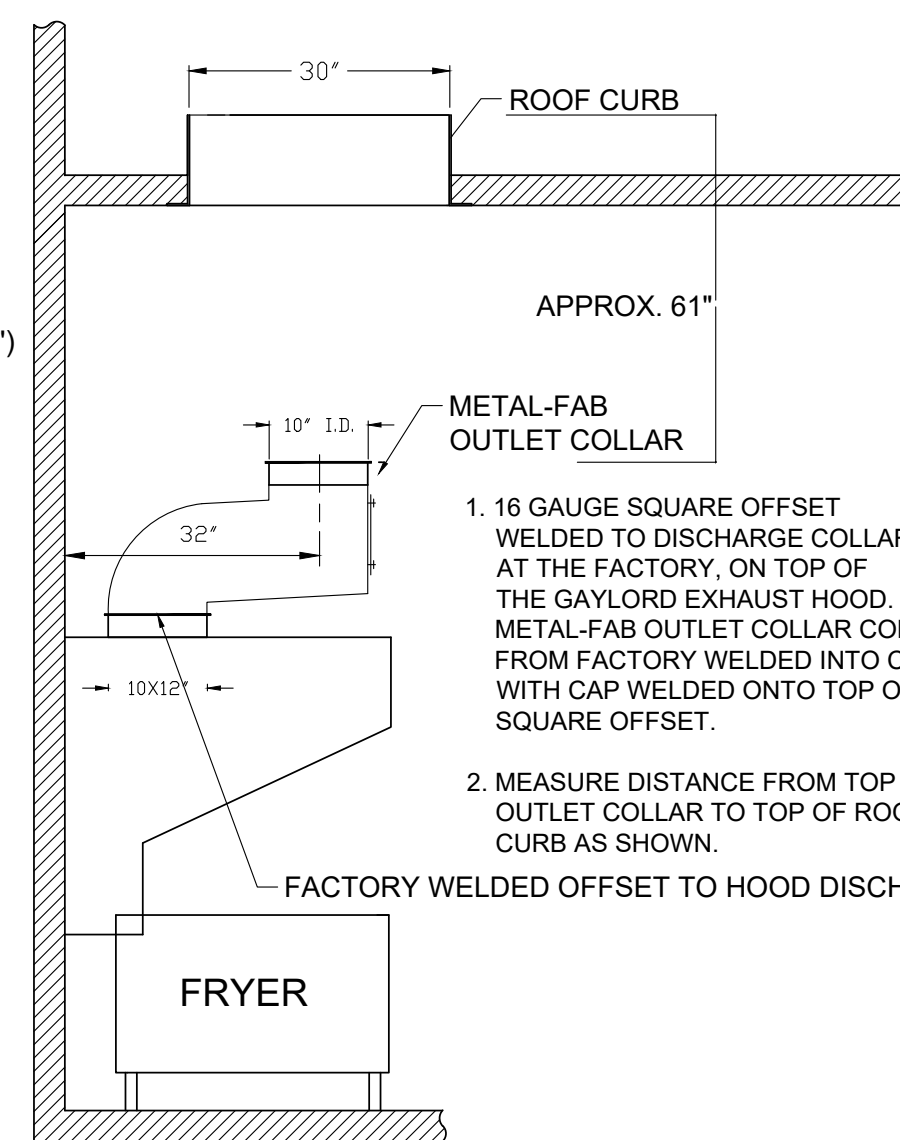
HVAC CONTRACTOR SHALL NOT DISASSEMBLE THE EXHAUST FAN TO RECONFIGURE THE EXHAUST DISCHARGE



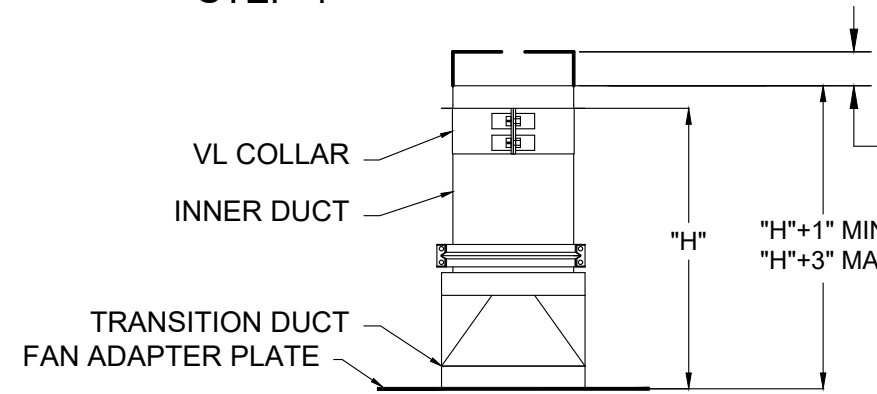
STEP-2 BROILER HOOD



STEP-2 (FRYER HOOD)

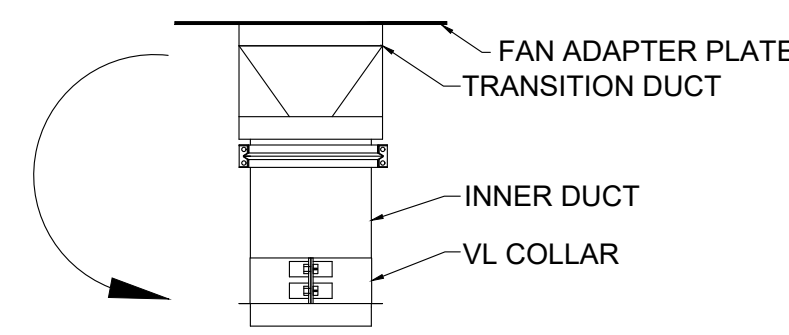


STEP-4

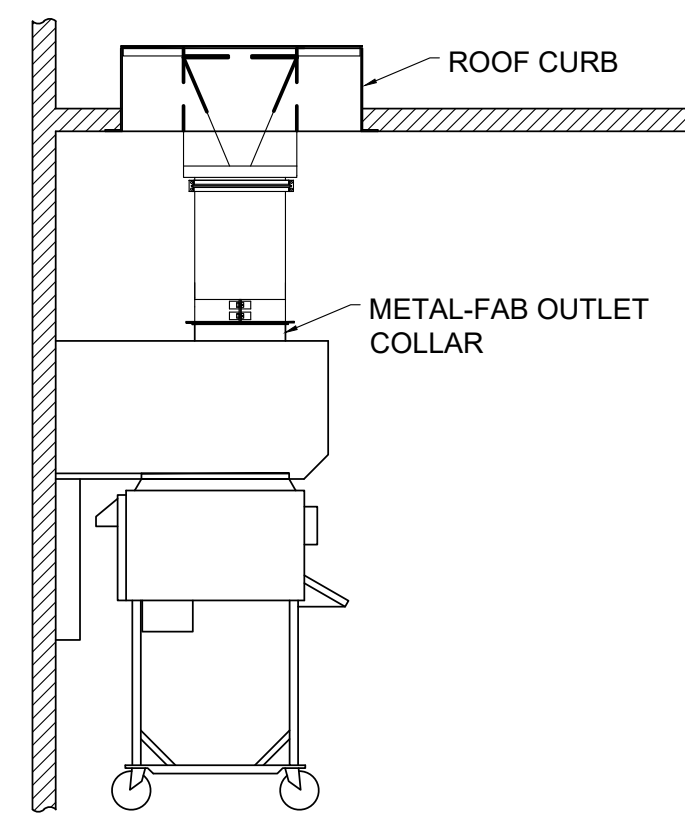


- LOOSEN AND RELOCATE VL COLLAR TO "H" DIMENSION AS MEASURED IN STEP 1. RETIGHTEN SCREWS ON COLLAR. (DO NOT REMOVE COLLAR FROM PIPE SECTION.)
 - IF NEEDED, TRIM EXCESS DUCT LENGTH TO FINISHED LENGTH OF "H"+3 USING "H" LENGTH MEASURED IN STEP 2.
- NOTE: FINISHED LENGTH OF "H"+1" (MINIMUM) UP TO "H"+3"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

STEP-4b Rotate duct 180°

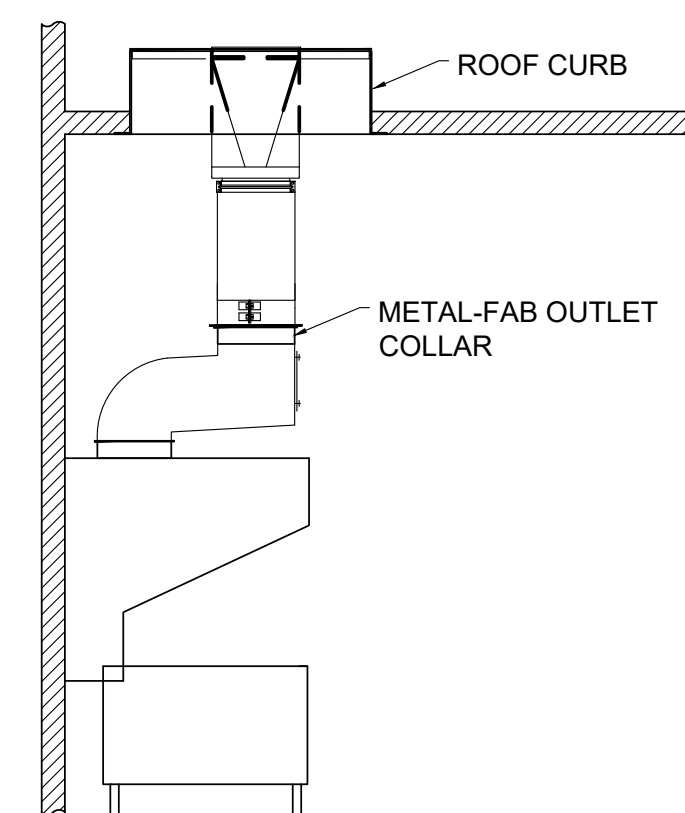


STEP-5 (BROILER)



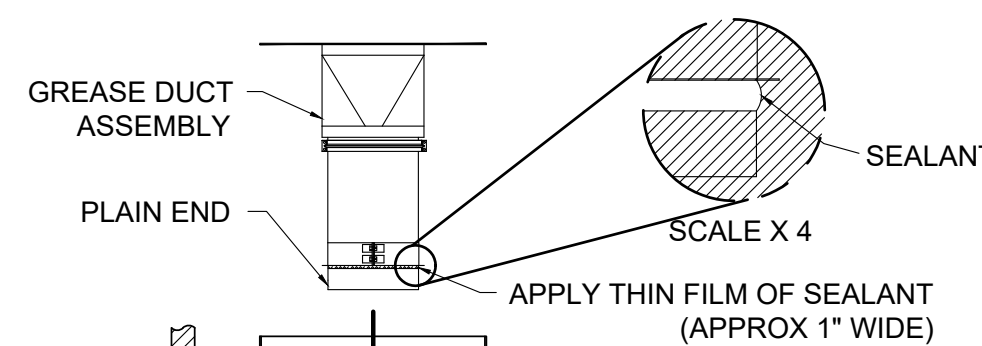
- THE FOLLOWING INSTRUCTIONS ARE USED TO ALIGN THE GREASE DUCT TO THE HOOD OUTLET COLLAR.
- TURN THE DUCT ASSEMBLY OVER & CAREFULLY SLIDE THROUGH THE FAN CURB.
 - CONTINUE LOWERING THE ASSEMBLY, AS IT APPROACHES THE HOOD, ALIGN THE OUTLET COLLAR & SLIP THE ASSEMBLY INTO THE COLLAR.
 - CHECK THE FAN ADAPTER 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)



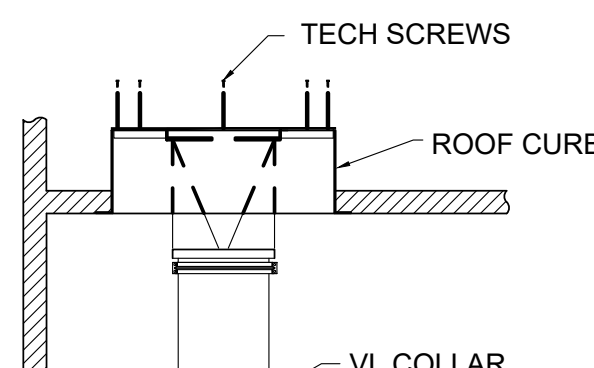
NOTE: ALL REMAINING INSTRUCTIONS PERTAIN TO BOTH BROILER EXHAUST HOOD AND FRYER EXHAUST HOOD, AS IN STEP-5.

STEP-6



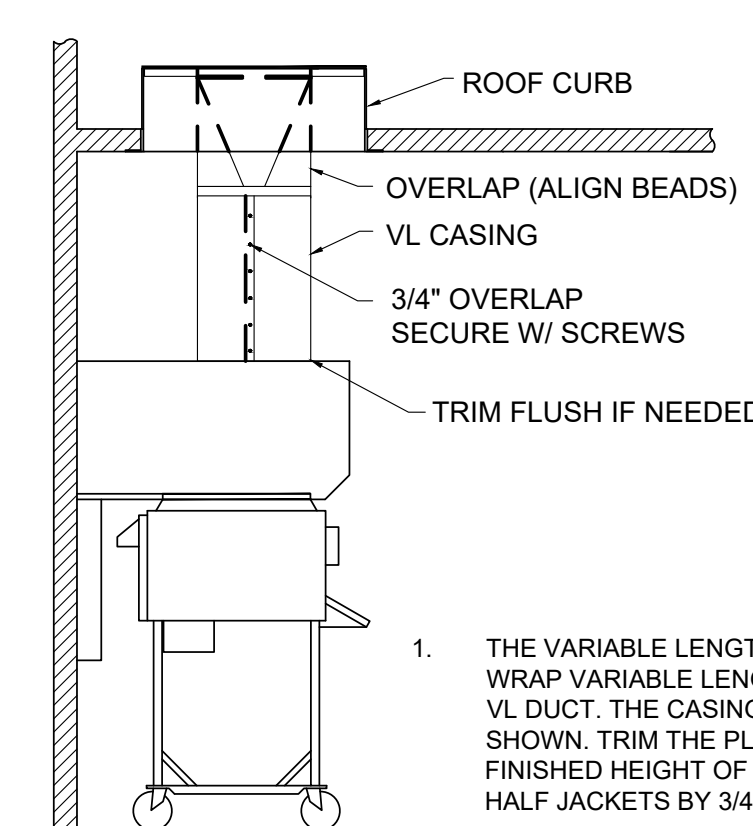
APPLY SEALANT

- 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.



- 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.

© Copyright 2015- Drawings, specifications, notes, database, computer files, field data, and reports as instruments of service prepared by the Design of Record. As instruments of services, these items remain the property of the Design of Record, who shall retain all statutory and other reserved rights, including the copyright thereto. Any use, reproduction or changes to these documents without written consent of NCA Consultants is a violation of federal copyright laws.

HVAC SYSTEM

N-C-A

CONSULTANTS / GROUP

NATIONAL CORPORATE ACCOUNT SERVICES, INC.

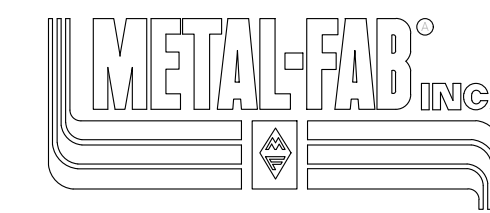
DRAWINGS SHOWN ARE FOR PROTOTYPICAL CONSIDERATIONS ONLY. SITE-SPECIFIC DESIGN IS REQUIRED BY BURGER KING CORPORATION, AS A COURTESY, NCA CONSULTANTS PROVIDES SITE-SPECIFIC DESIGN WITH SITE-SPECIFIC PROFESSIONAL ENGINEER SEAL UNDER AN AGREEMENT BETWEEN NCA CONSULTANTS AND BURGER KING CORPORATION.

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

TO CONTACT THE DESIGN DEPARTMENT BY PHONE CALL TOLL-FREE (877) 530-0078.

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

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.

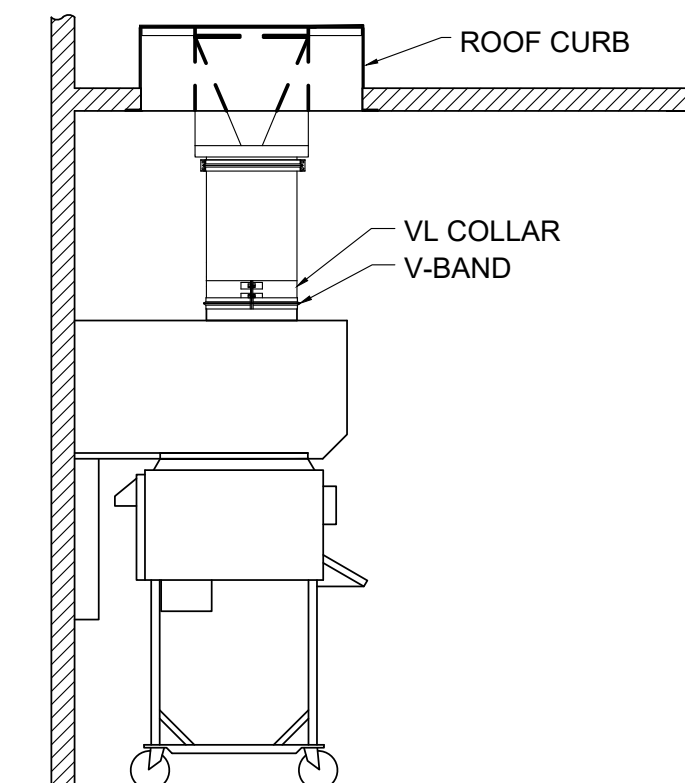
GENERAL INFORMATION

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.

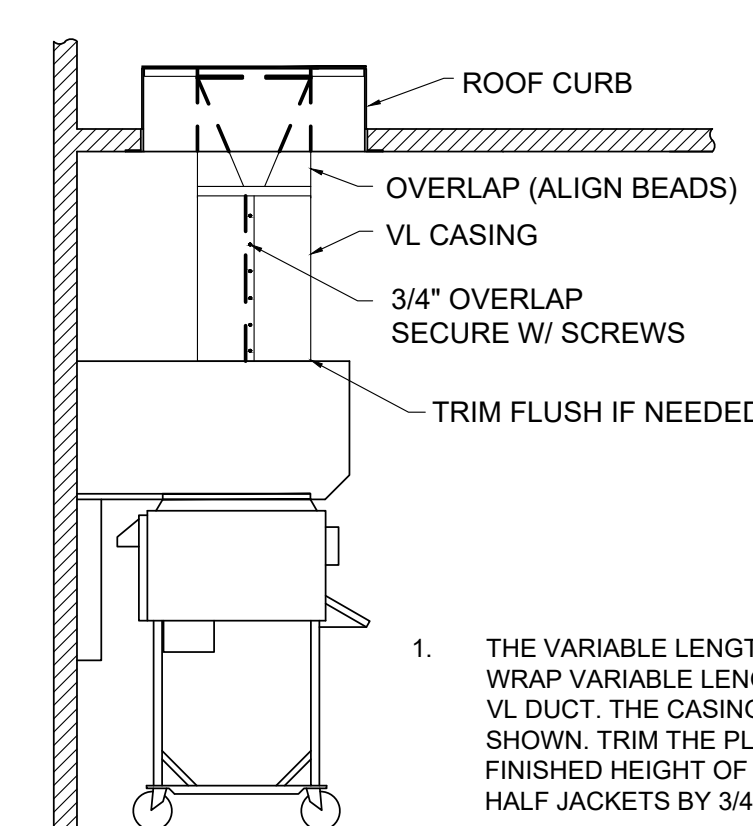
FOR QUESTIONS CALL METAL-FAB @ 1-800-835-2830 X 4165

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

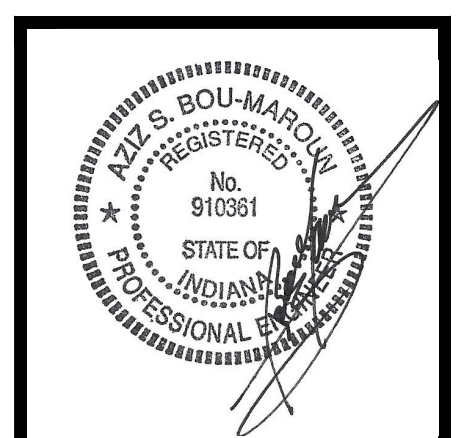
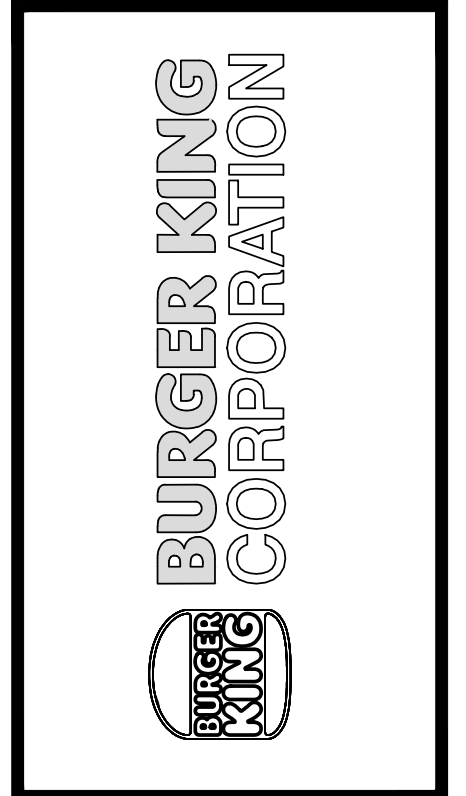


- THE VARIABLE LENGTH (VL) CASING IS MADE UP OF (2) HALF-JACKETS. WRAP VARIABLE LENGTH (VL) CASING COMPLETELY AROUND THE INSULATED VL DUCT. THE CASING SHOULD OVERLAP THE DUCT ABOVE THE VL AS SHOWN. TRIM THE PLAIN END OF (VL) CASING SPACE IF NEEDED TO FIT THE FINISHED HEIGHT OF THE VARIABLE LENGTH (VL). OVERLAP SEAMS OF THE HALF JACKETS BY 3/4" AND SECURE USING SCREWS PROVIDED.

NO.	DATE	BY	REVISION
1			FOR SUBMITTAL TO CITY PLANNING

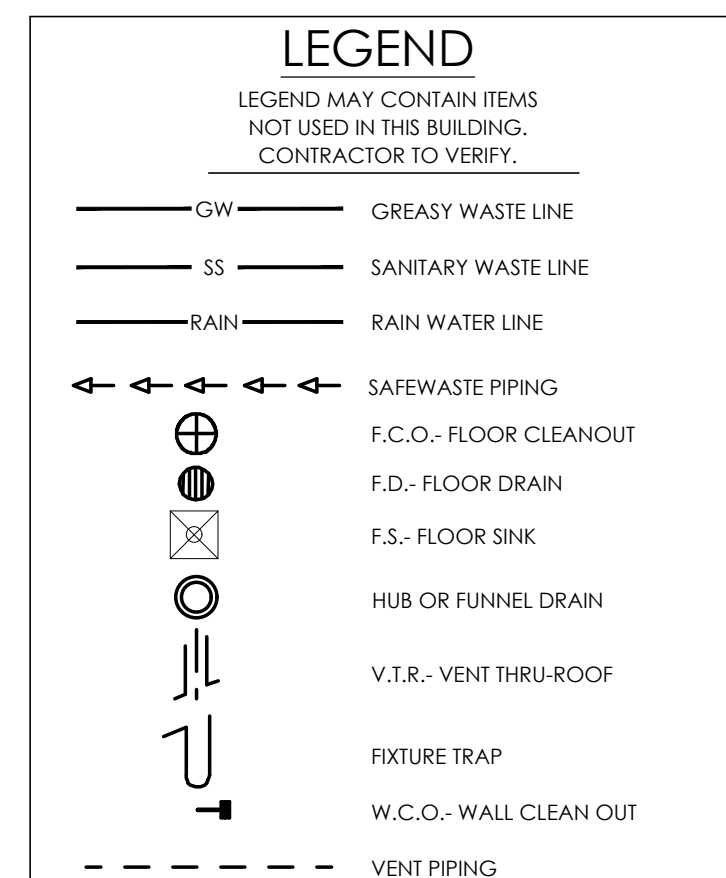
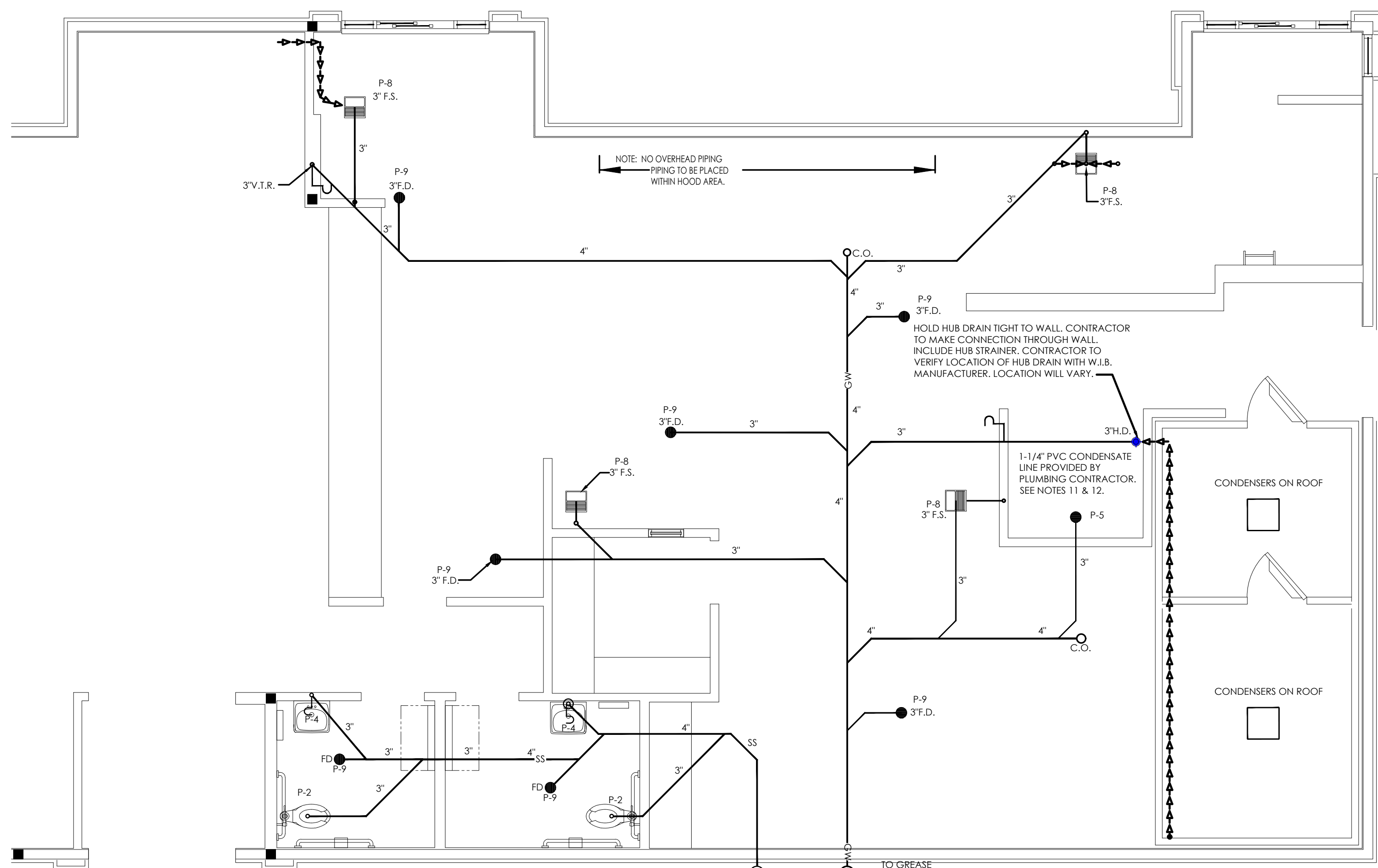
Drawn By: CP
Checked: SB
Scale: AS NOTED
Date: --/--/21

ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT WRITTEN AUTHORIZATION FROM THE ARCHITECT.



PROJECT	BURGER KING 1440 NAPPANEE ST. ELKHART, IN 46514
SHEET TITLE	METAL-FAB DUCT INSTALLATION
JOB #	TG-21668
SHEET	M-11

DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.



PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE	MANUFACTURER	MODEL NUMBER	MODEL NAME	VALVE
P-1	WATER CLOSET	* REFER TO SHEET A-3.1 FOR IMAGE SPECIFIC FIXTURES			
P-2	WATER CLOSET - ADA	* REFER TO SHEET A-3.1 FOR IMAGE SPECIFIC FIXTURES			
P-3	URINAL - ADA	* REFER TO SHEET A-3.1 FOR IMAGE SPECIFIC FIXTURES			
P-4	LAVATORIES	* REFER TO SHEET A-3.1 FOR IMAGE SPECIFIC FIXTURES			
P-5	MOP SINK	CAST IN PLACE		CHICAGO #897-CP -OR- AMERICAN STANDARD #8344.111 -OR- KOHLER #8907	
P-6	WATER HEATER	RINNAI -OR- RINNAI	C1991 RUR981	REU-KBD3237FFUDC-US REU-KBP3237FFUD-US	
P-7	MIXING VALVE	WATTS	LFMMVM1-UT		
P-8	FLOOR SINK	JOSAM	49300 (49320A AT 3-COMP SINK)		
		J.R. SMITH	3100 (3111 AT 3-COMP SINK)		
		ZURN	Z1910 (Z1900 AT 3-COMP SINK)		
P-9	FLOOR DRAIN	JOSAM	30000-50		
		J.R. SMITH	2010-AP		
		ZURN	Z-4158-P		

NOTES:
 1. COMPARABLE FIXTURES BY AMERICAN STANDARD, ELJER AND KOHLER ARE ACCEPTABLE
 2. TOILET SEATS TO BE CHURCH 950SSC, KOHLER K-4671-C, OLSONITE #10C OR EQUAL.
 3. IN SINGLE USE RESTROOMS ALL FIXTURE MUST BE ADA COMPLIANT.

FOR SUBMITTAL TO CITY PLANNING

Notes

By: DB

Date: 1/1/21

No. 1

Drawn By: CP

Checked: SB

Scale: AS NOTED

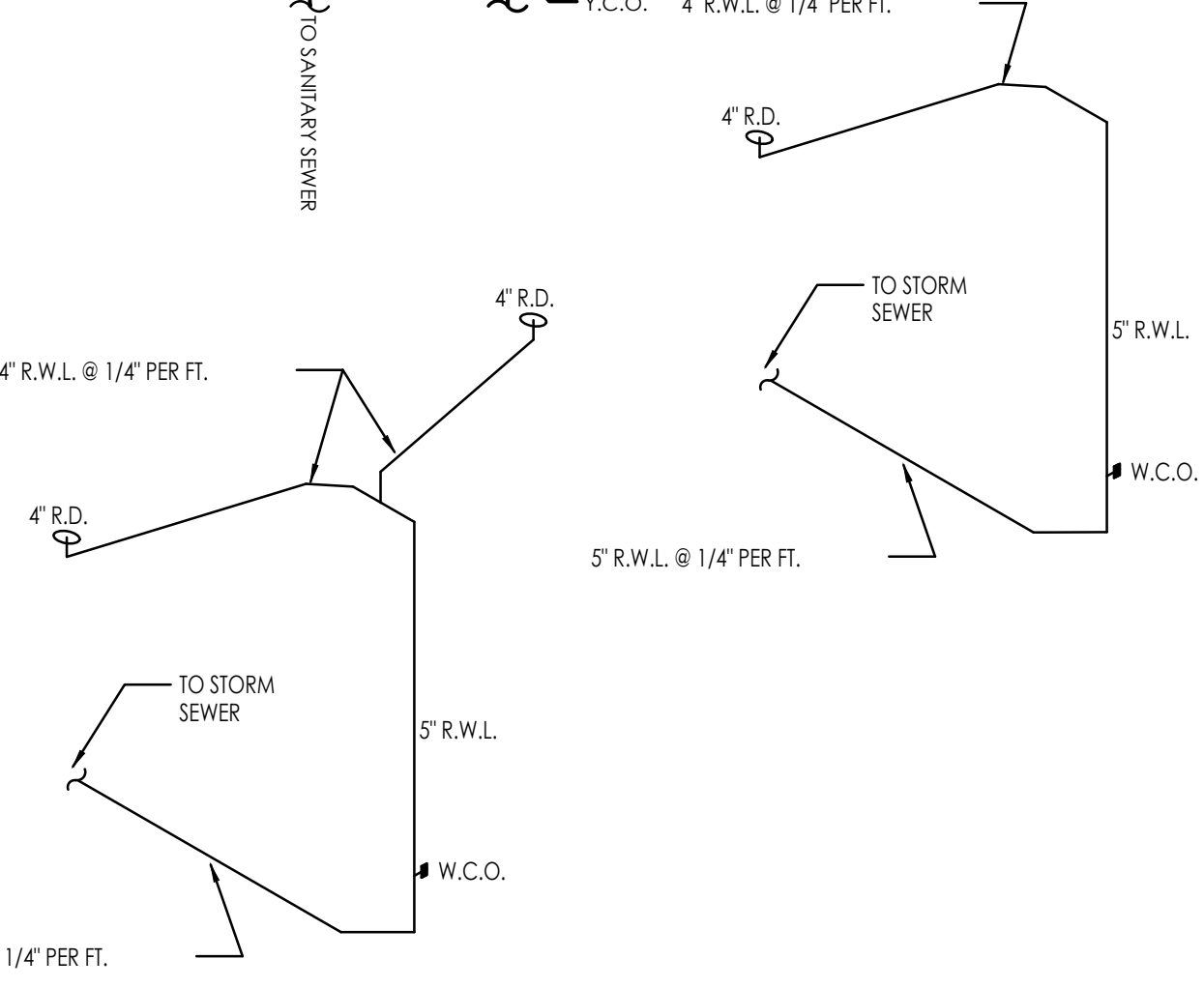
Date: ---/21

ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAY BE REPRODUCED OR USED IN CONNECTION WITH ANY WORK OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED, WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE ARCHITECT.

SANITARY AND GREASY WASTE PLAN

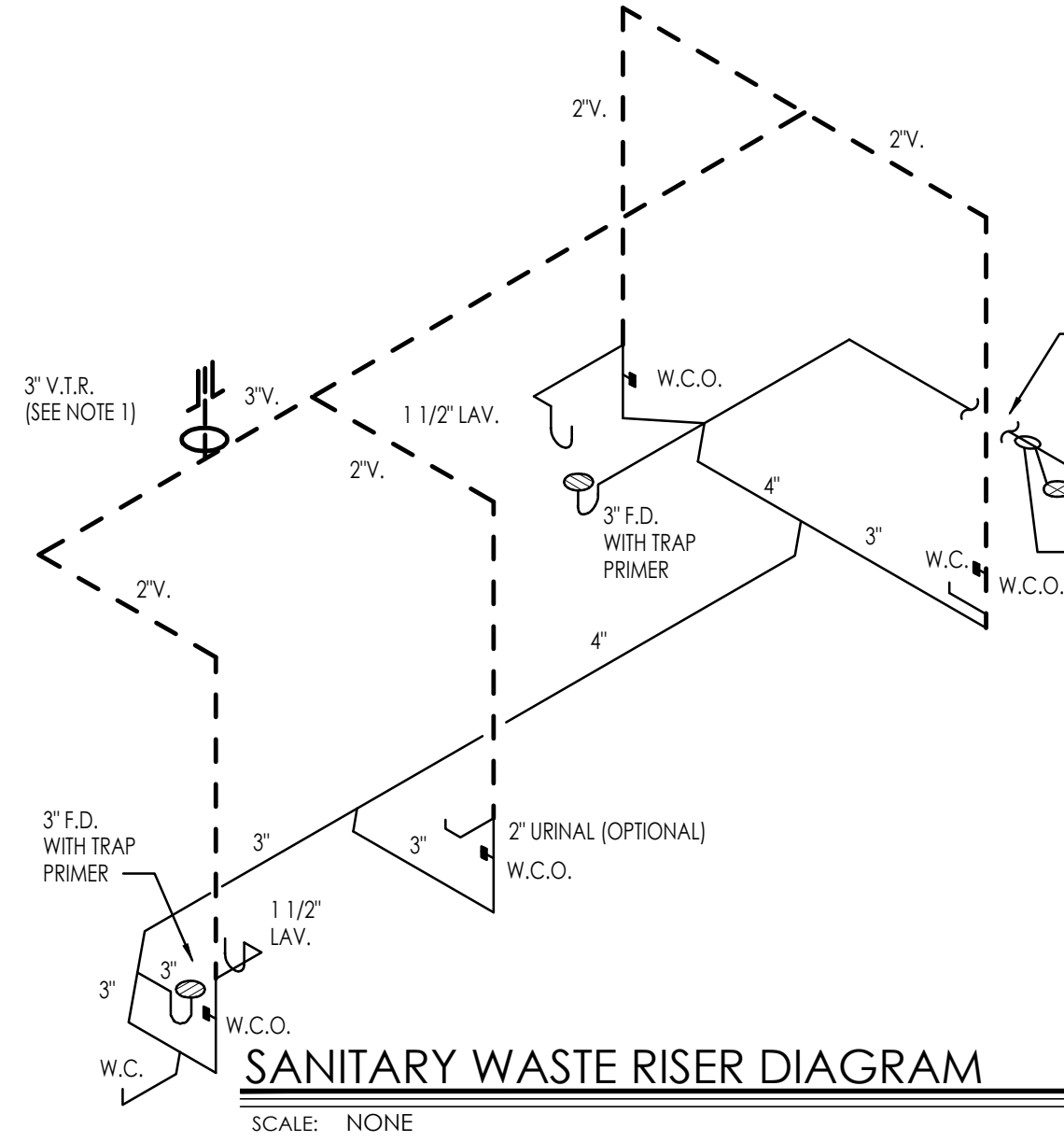
SCALE: 1/4" = 1'-0"

- #### NOTES:
- PLUMBING CONTR. TO COORDINATE VENT STACKS WITH OUTSIDE AIR INTAKES OF A/C UNITS AND SUPPLY FANS & MAINTAIN AT LEAST 10'-0" MIN. CLEARANCE OR AS PER LOCAL CODE REQUIREMENTS. FLAT VENTS ARE NOT ALLOWED.
 - INCREASE V.T.R.'S TO SIZE REQUIRED BY LOCAL CODES AND CONDITIONS AS REQUIRED FOR FROST ENCLOSURE. FLAT VENTS ARE NOT ALLOWED.
 - RUN SYRUP LINES FROM SODA FACTORY TO DRINK DISPENSER ABOVE CEILING.
 - CAST IRON PIPE MAY BE USED UNDER SLAB IN LIEU OF PVC ONLY IF REQUIRED BY CODE.
 - PROVIDE CONDENSATE LINES FROM A/C UNITS ABOVE CEILING ACCORDING TO LOCAL CODE REQUIREMENTS.
 - RESEAL FLOOR DRAINS ACCORDING TO LOCAL REQUIREMENTS.
 - SAFEWASTE PIPING ABOVE AND ALONG FLOOR SHALL BE SIZED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS.
 - COORDINATE SAFEWASTE LINE CONNECTIONS WITH EQUIPMENT ROUGH-IN.
 - P.V.C. (SCHEDULE 40) PIPE CAN BE USED FOR VENTS AND WASTE ONLY IF APPROVED BY LOCAL BUILDING CODES. SEE SPECS. FOR ADDL. INFO.
 - SEE FOUNDATION PLAN FOR EXACT LOCATION OF FLOOR DRAINS AND FLOOR SINKS.
 - IF WALK-IN-BOX CONDENSATE LINE IS REQUIRED BY LOCAL CODE, PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL 1" CONDENSATE LINE, AND SEAL AROUND ALL PENETRATIONS THROUGH THE WALK-IN-BOX.
 - HEAT TAPE IS PROVIDED BY WALK-IN-BOX MANUFACTURER AND INSTALLED BY ELECTRICAL CONTRACTOR. IT IS TO BE SELF-LIMITING TYPE, "FROSTEX" OR EQUAL.



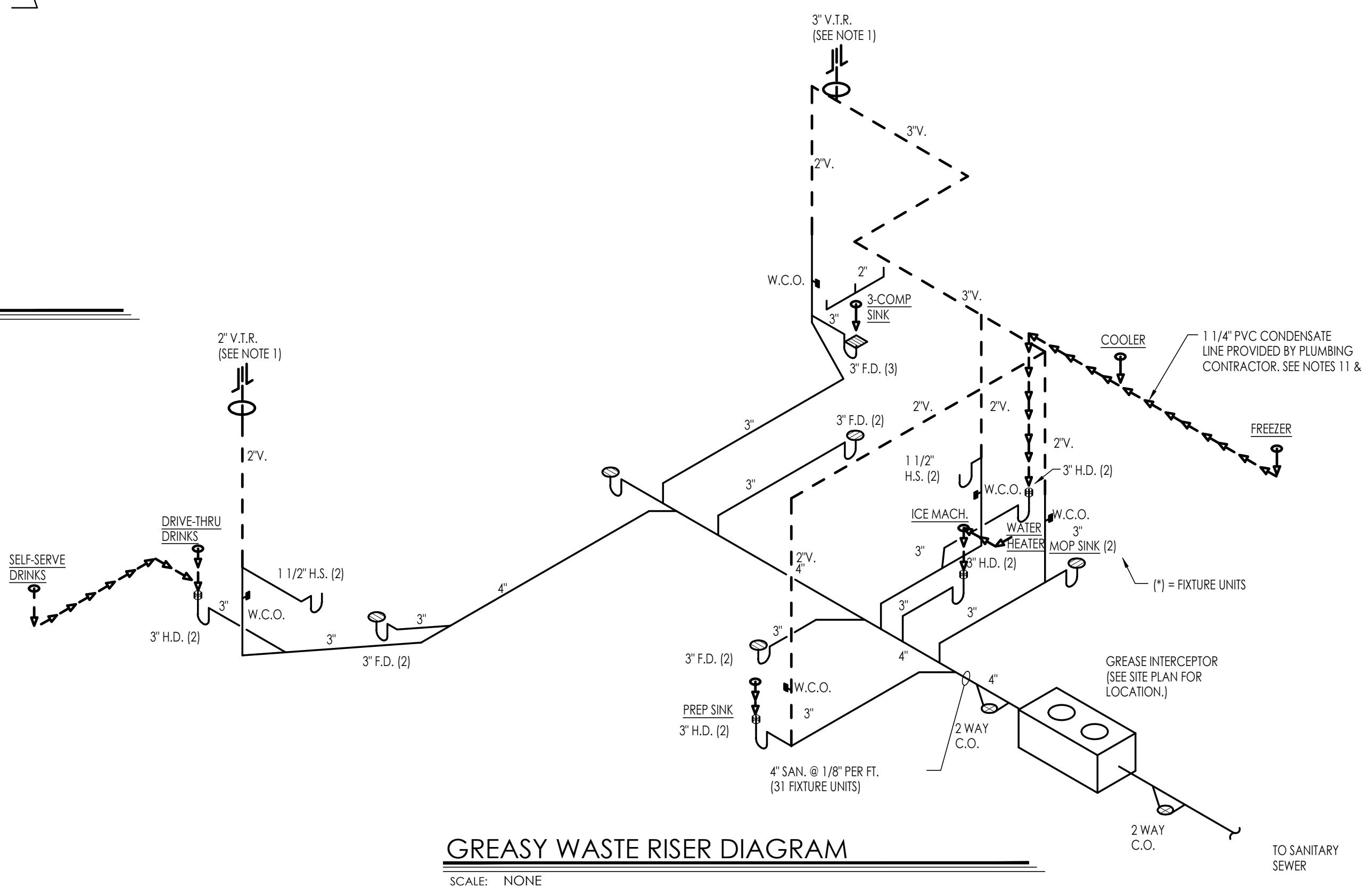
ROOF DRAIN RISER DIAGRAM

SCALE: NONE



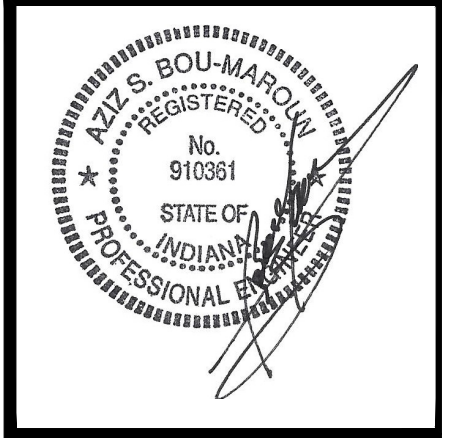
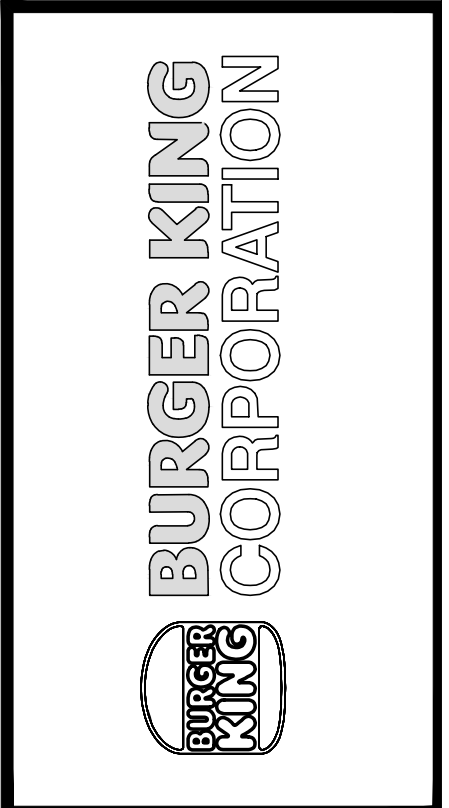
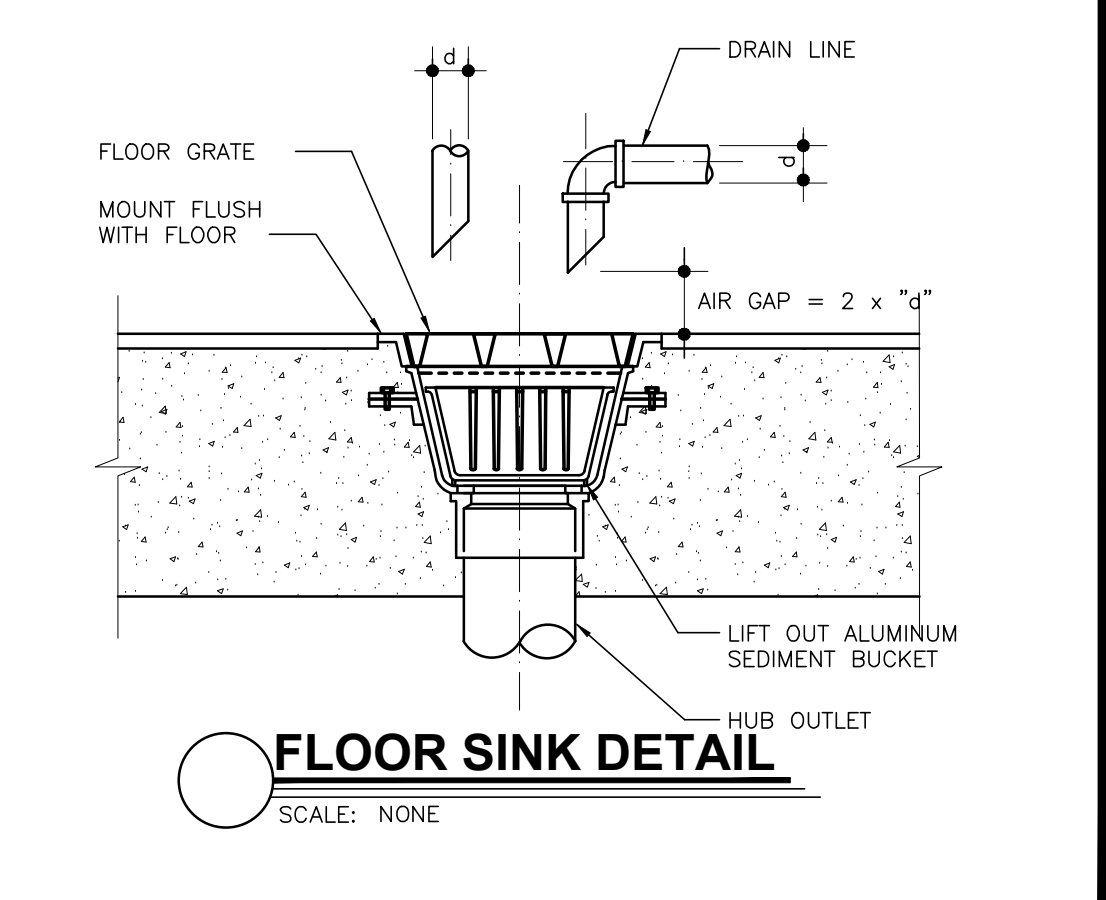
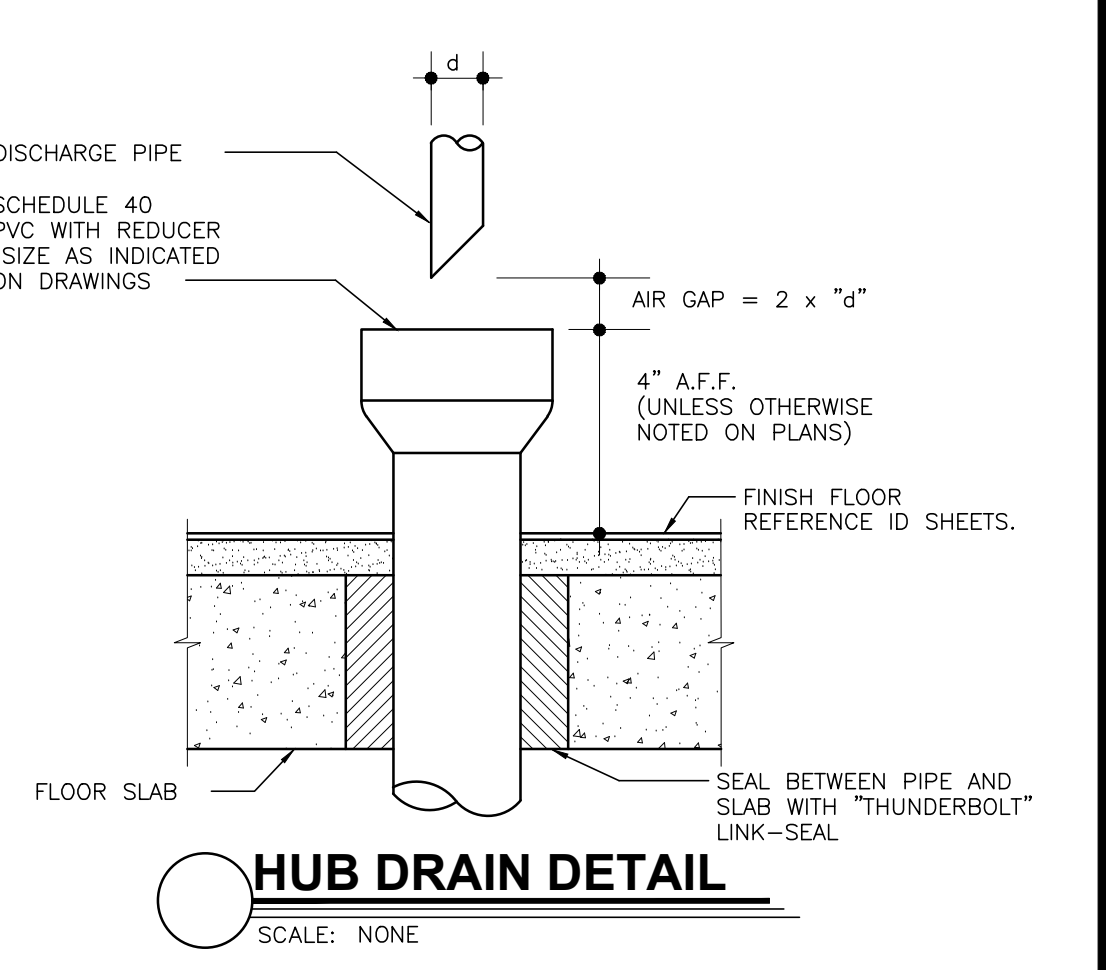
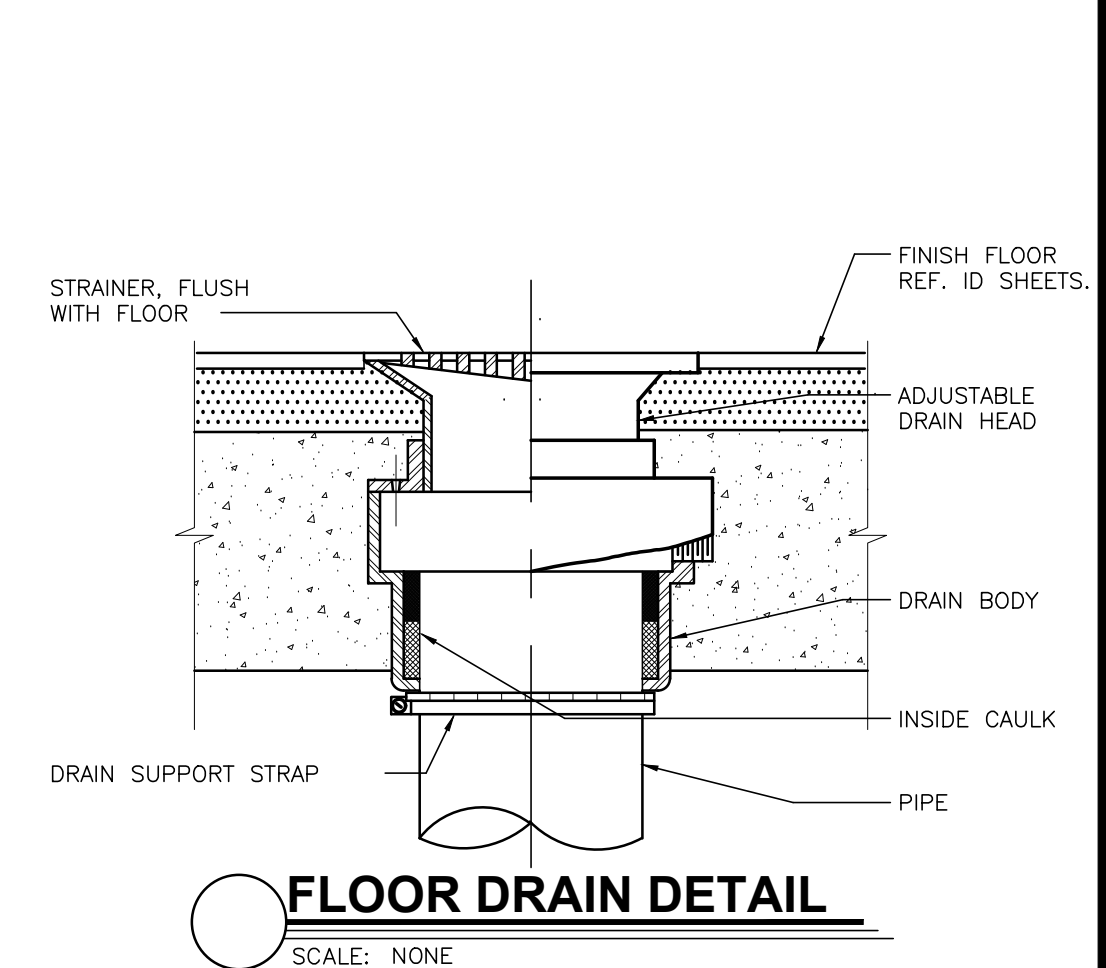
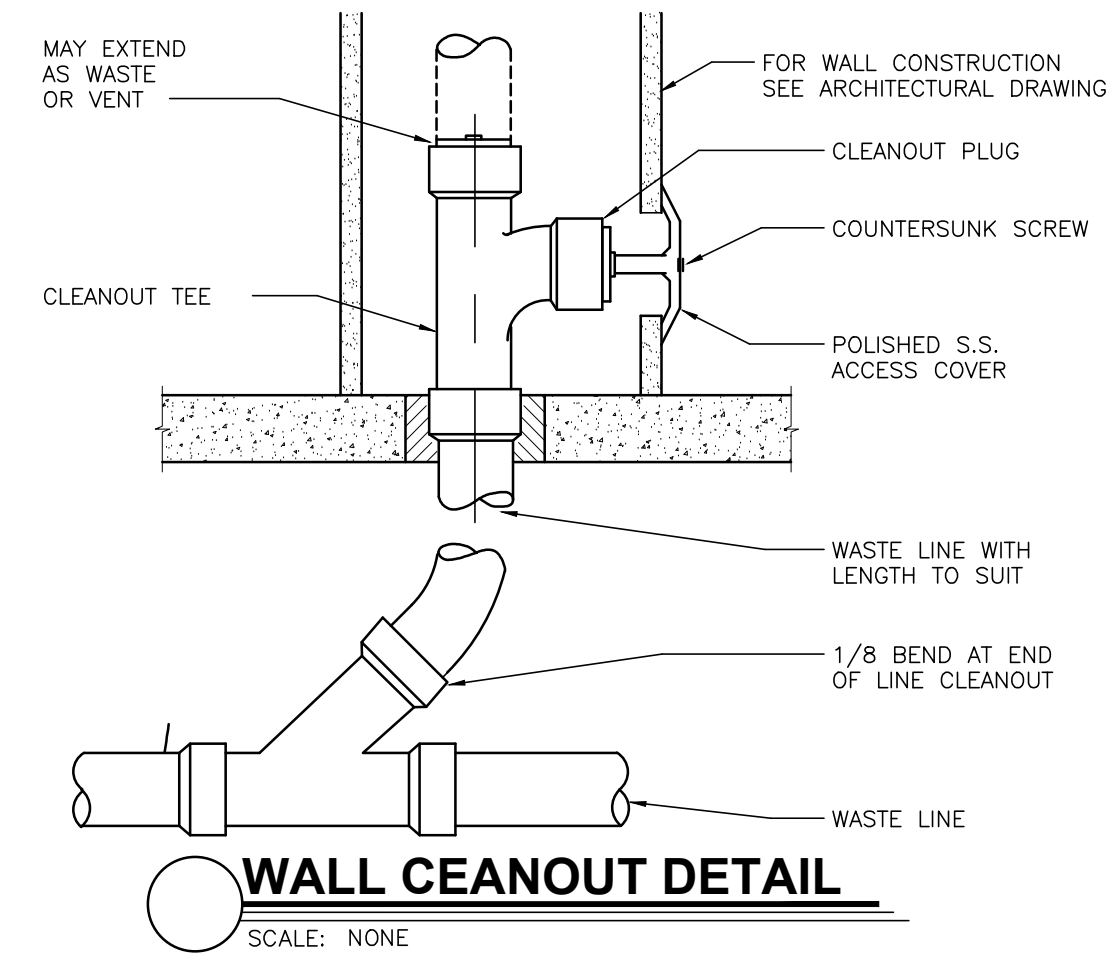
SANITARY WASTE RISER DIAGRAM

SCALE: NONE



GREASY WASTE RISER DIAGRAM

SCALE: NONE



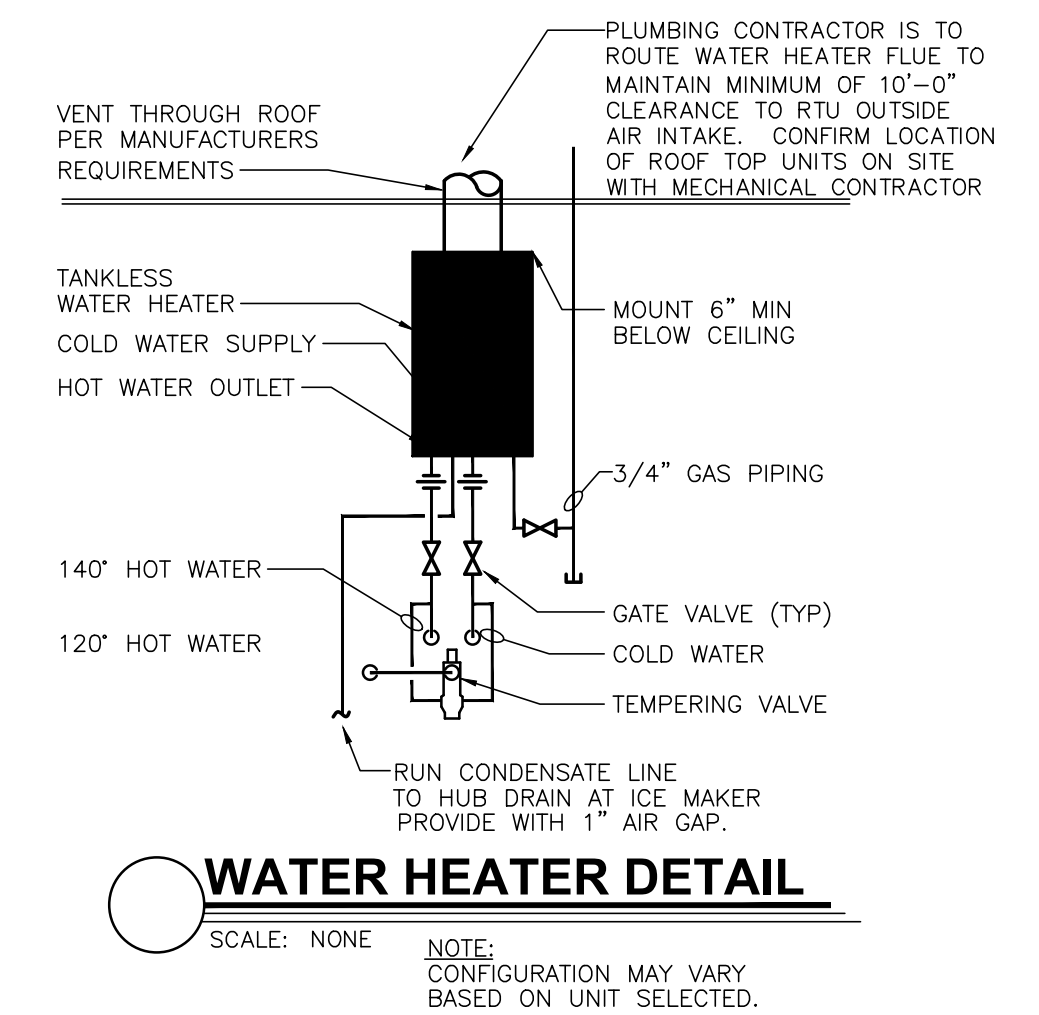
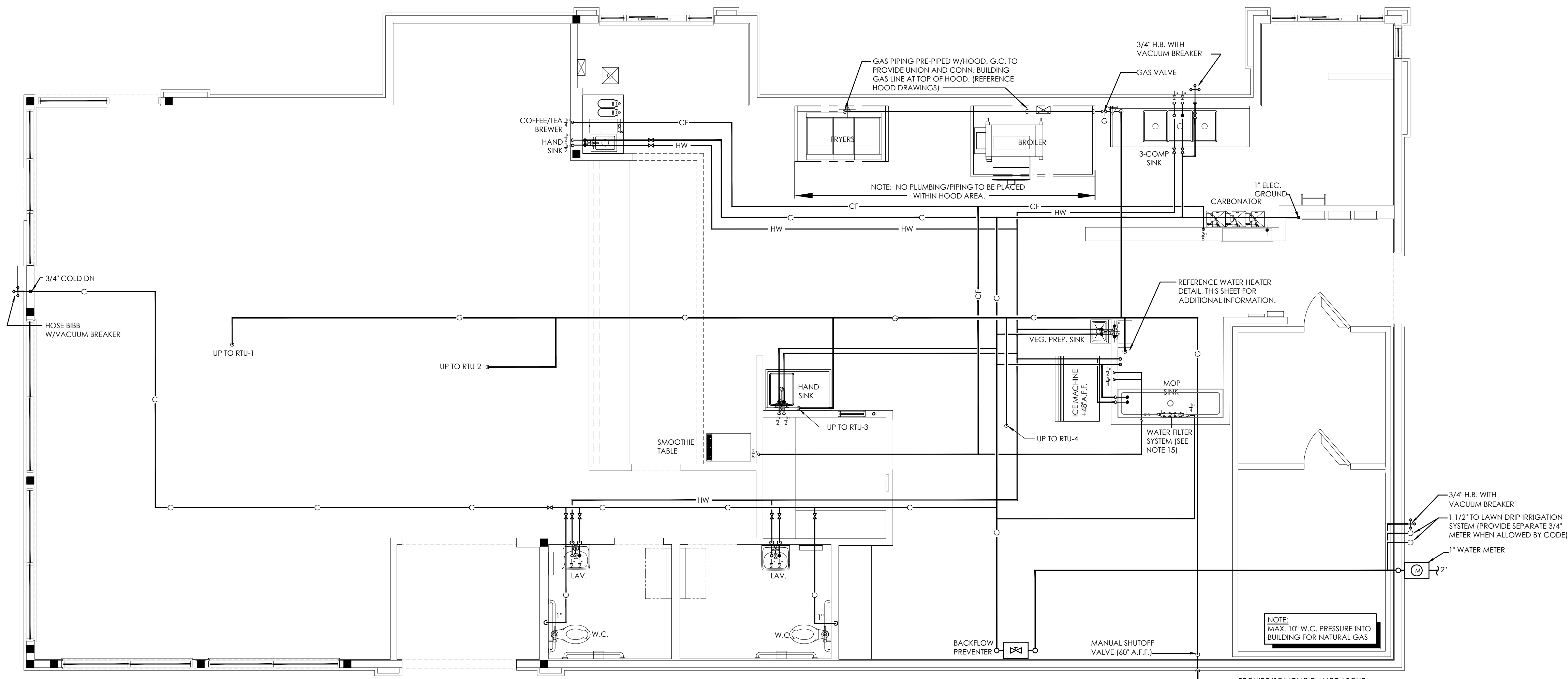
PROJECT: BURGER KING, 1440 HARTMANE ST., ELKHART, IN 46514

SHEET TITLE: SANITARY AND GREASY WASTE PLAN & RISER

DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

JOB #: TG-21668

SHEET: P-1



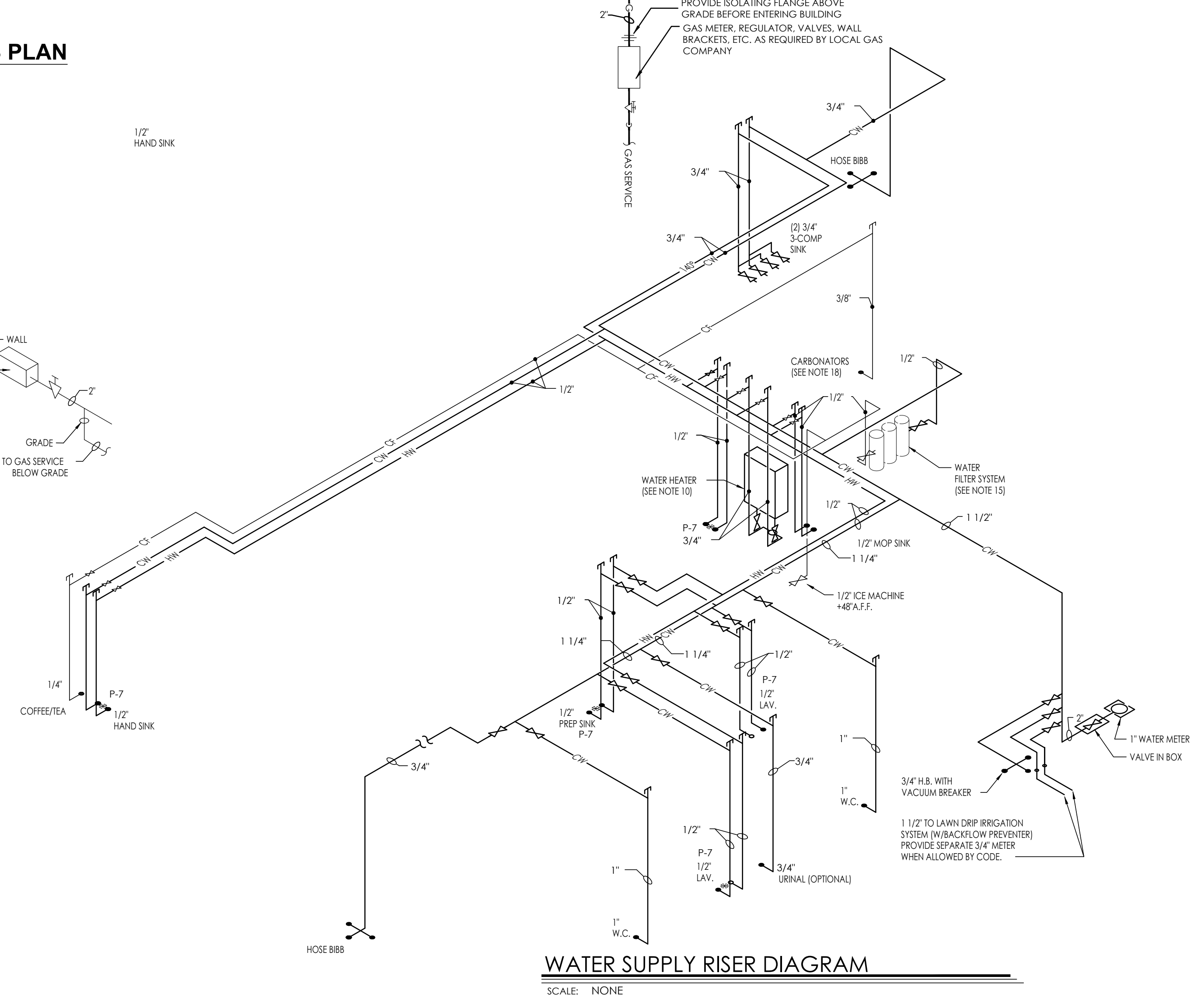
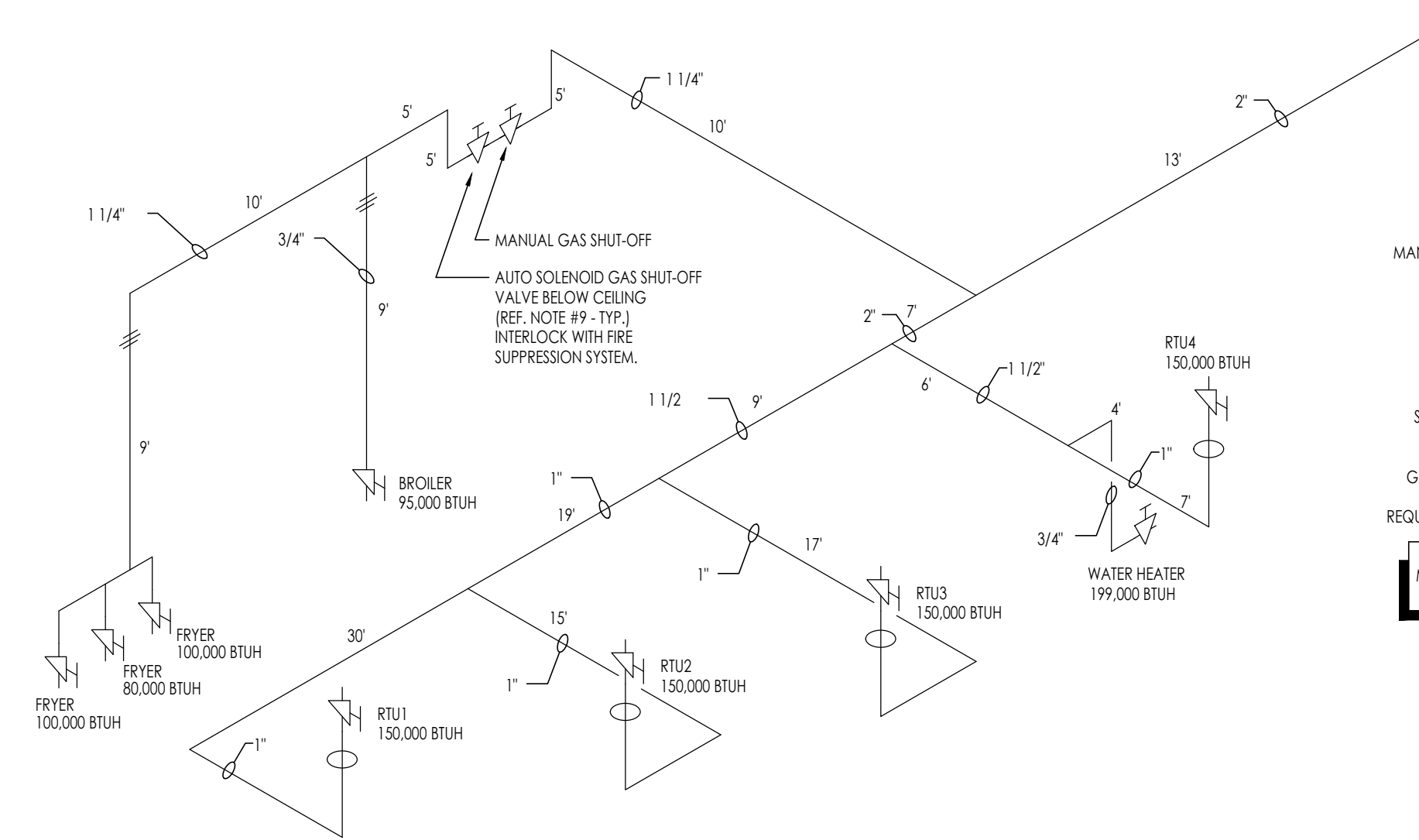
LEGEND

●	LICF	LIME INHIBITED COLD WATER FILTER SYSTEM
○	C	COLD WATER
○	CF	COLD WATER FILTER SYSTEM
○	120"	HOT WATER (120°)
○	140"	HOT WATER (140°)
—		UNDERGROUND PIPING
G		GAS PIPING
G		GATE VALVE
G		GAS SHUT-OFF VALVE
G		CHECK VALVE
G		HOSE BIBB W/ VACUUM BREAKER
G		MECHANICAL GAS SHUT-OFF VALVE
G		GLOBE VALVE

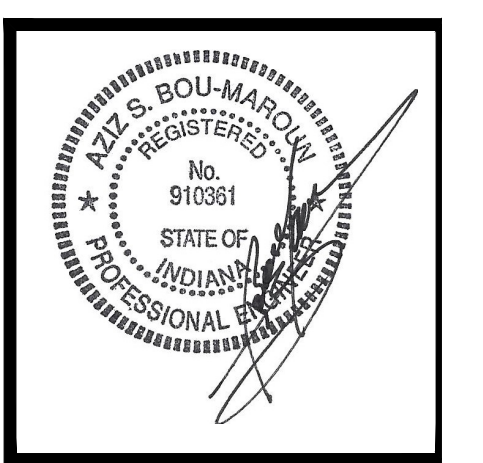
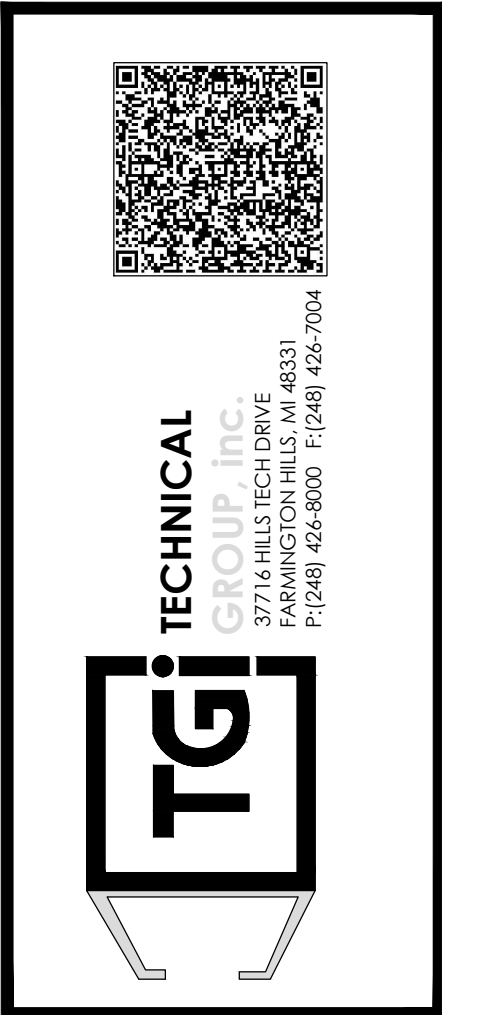
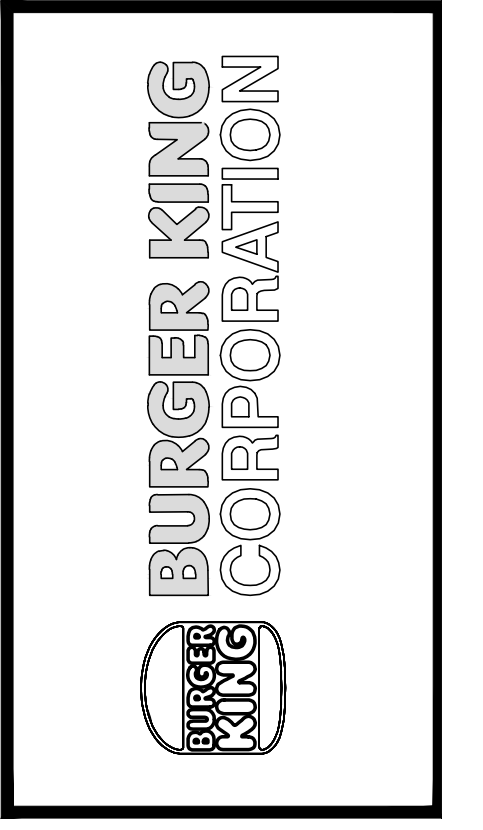
INSULATION SCHEDULE

ZONE	PIPE SIZE UNDER 1" DIA.	PIPE SIZE OVER 1" DIA.
A&B	4" THICK	3" THICK
C	3" THICK	2" THICK
D&E	3/4" THICK	1" THICK

- NOTES:**
- DO NOT SCALE DRAWINGS
 - GENERAL CONTRACTOR AND PLUMBING CONTRACTOR SHALL VERIFY GAS REQUIREMENTS OF THIS PROJECT BEFORE BIDDING AND PROCEEDING WITH WORK. SEE SHEET M-1 FOR GAS REQUIREMENTS OF A/C UNITS.
 - ALL HOT AND COLD WATER PIPING LOCATED ABOVE CEILING AREAS BUT BELOW ROOF INSULATION SHALL BE INSULATED WITH 3/4" FIBERGLASS LOW PRESSURE TYPE WITH DUAL TEMPERATURE JACKET. ALL HOT AND COLD WATER PIPING LOCATED OUTSIDE OF BUILDING INSULATION ENVELOPE SHALL BE INSULATED TO THICKNESS SPECIFIED IN INSULATION SCHEDULE SHOWN ON THIS SHEET. ALL UNDERGROUND PIPES LOCATED INSIDE BUILDING TO BE ENCASED IN FLEXIBLE POLYETHYLENE.
 - LOCATE COLD WATER PIPES IN FURRED OUT SPACES AT TOILET ROOMS (ZONES A AND B ONLY).
 - PROVIDE FROST PROOF HOSE BIBBS (ZONES A, B, C AND D)
 - PROVIDE SEPARATE SHUT-OFF VALVES FOR ALL EQUIPMENT AND PLUMBING FIXTURES REQUIRING WATER CONNECTIONS.
 - PROVIDE COUPLINGS TO ALL EQUIPMENT AS REQUIRED.
 - PLUMBING CONTRACTOR TO FURNISH AND INSTALL U.L. LISTED MECHANICAL GAS SHUT-OFF VALVES FOR FIRE PROTECTION SYSTEMS. VALVES CAN BE OBTAINED FROM THE FIRE PROTECTION SYSTEM SUPPLIER.
 - PROVIDE GATE VALVE IN STAINLESS STEEL VENT AS SPECIFIED BY MANUFACTURER. LAST PORTION OF PIPE SHALL EXTEND A MINIMUM OF 36" ABOVE ROOF SURFACE.
 - PROVIDE BACKFLOW PREVENTER ON COFFEE MAKERS, ICE MACHINE AND OTHER WATER LINES AS REQUIRED BY LOCAL CODES.
 - PROVIDE WOOD BLOCKING AS REQUIRED FOR FIXTURES AND PIPING. (REFERENCE SHEET A-1)
 - CONTRACTOR TO PROVIDE 3/4" DIAMETER HOT AND COLD WATER LINES AT TRASH ENCLOSURE WITH MIXING VALVE AT CAN WASH INSIDE OF BUILDING.
 - INSTANTANEOUS GAS WATER HEATER AS SPECIFIED ON SHEET P-1 IS NOT RECOMMENDED FOR USE IN EXTREMELY COLD CLIMATES (ZONE A) DUE TO ITS INABILITY TO PRODUCE LARGE QUANTITIES OF HOT WATER OR MAINTAIN WATER TEMPERATURES IN EXCESS OF 130°F.
 - FILTERED WATER AT THE VEGETABLE PREP SINK IS OPTIONAL. UNFILTERED COLD WATER MAY BE USED IN ITS PLACE.
 - APPROVED WATER FILTER SYSTEMS:
 - EVERPURE MODEL #CB20312 OR SELECTO SCIENTIFIC MODE #MF620CC. NOTE: PROVIDE LIME INHIBITOR AS MAY BE REQUIRED.
 - PLUMBING CONTRACTOR TO PROVIDE AND INSTALL WATER FILTER FOR FOUNTAIN DRINKS AT THE BAG-IN-BOX WALL. VERIFY FILTER REQUIREMENTS WITH COKE VENDOR.
 - CUTTING AND NOTCHING OF 2x4 BEARING WALL NOT TO EXCEED 7/8". BORED HOLES IN 2x4 BEARING WALLS NOT TO EXCEED 2-1/8".
 - PE PIPING TO BE USED UNLESS NOT ALLOWED BY LOCAL CODES.
 - PLUMBING CONTRACTOR TO PROVIDE WATER FILTER FOR DRINK SYSTEM. COORDINATE REQUIREMENTS WITH THE EQUIPMENT SUPPLIER.
 - PROVIDE TEMPERATURE VALVES AT ALL LAVS, HAND SINKS, AND PREP SINKS.

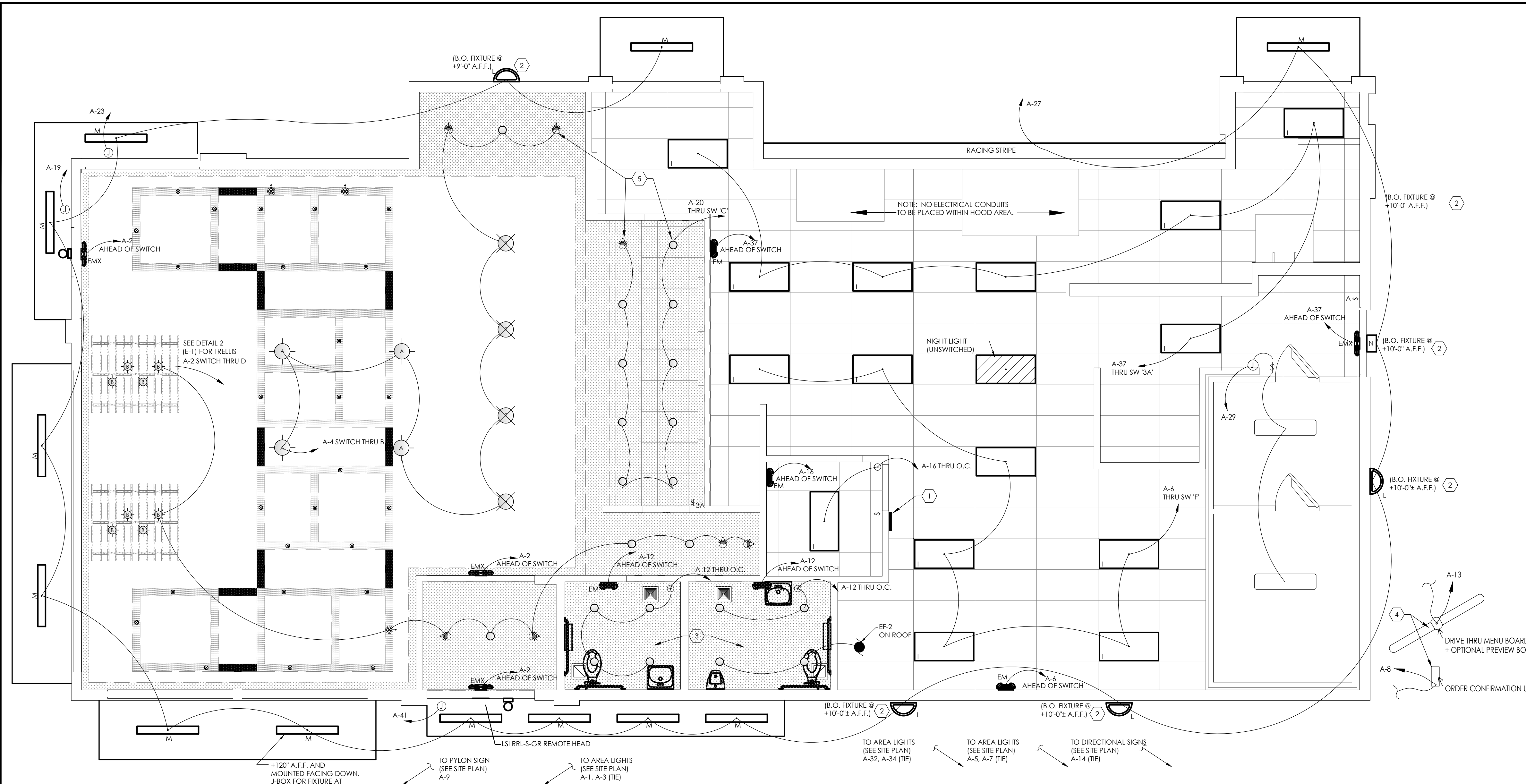


No.	1	Date	08	Notes	FOR SUBMITTAL TO CITY PLANNING
By	DB				
Drawn By:	CP				
Checked:	SB				
Scale:	AS NOTED				
Date:	---21				



PROJECT	BURGER KING 1440 WAPPAWANE ST. ELMHART, IN 46514
SHEET TITLE	WATER & GAS PLAN AND RISERS
JOB #	TG-21668
SHEET	P-2

DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.



1 ELECTRICAL LIGHTING PLAN
SCALE: 1/4" = 1'-0"

SYMBOL LEGEND

SYMBOL	DESCRIPTION
SWITCHES	
⊞	TOGGLE SWITCH - SINGLE POLE
⊞ ₃	TOGGLE SWITCH - THREE POLE
⊙	OCCUPANCY SENSOR

3-POLE SWITCH	1-POLE SWITCH	1-POLE SWITCH	1-POLE SWITCH
A	B	C	D

FLOOR LEVEL

1 SWITCH BANK DETAIL

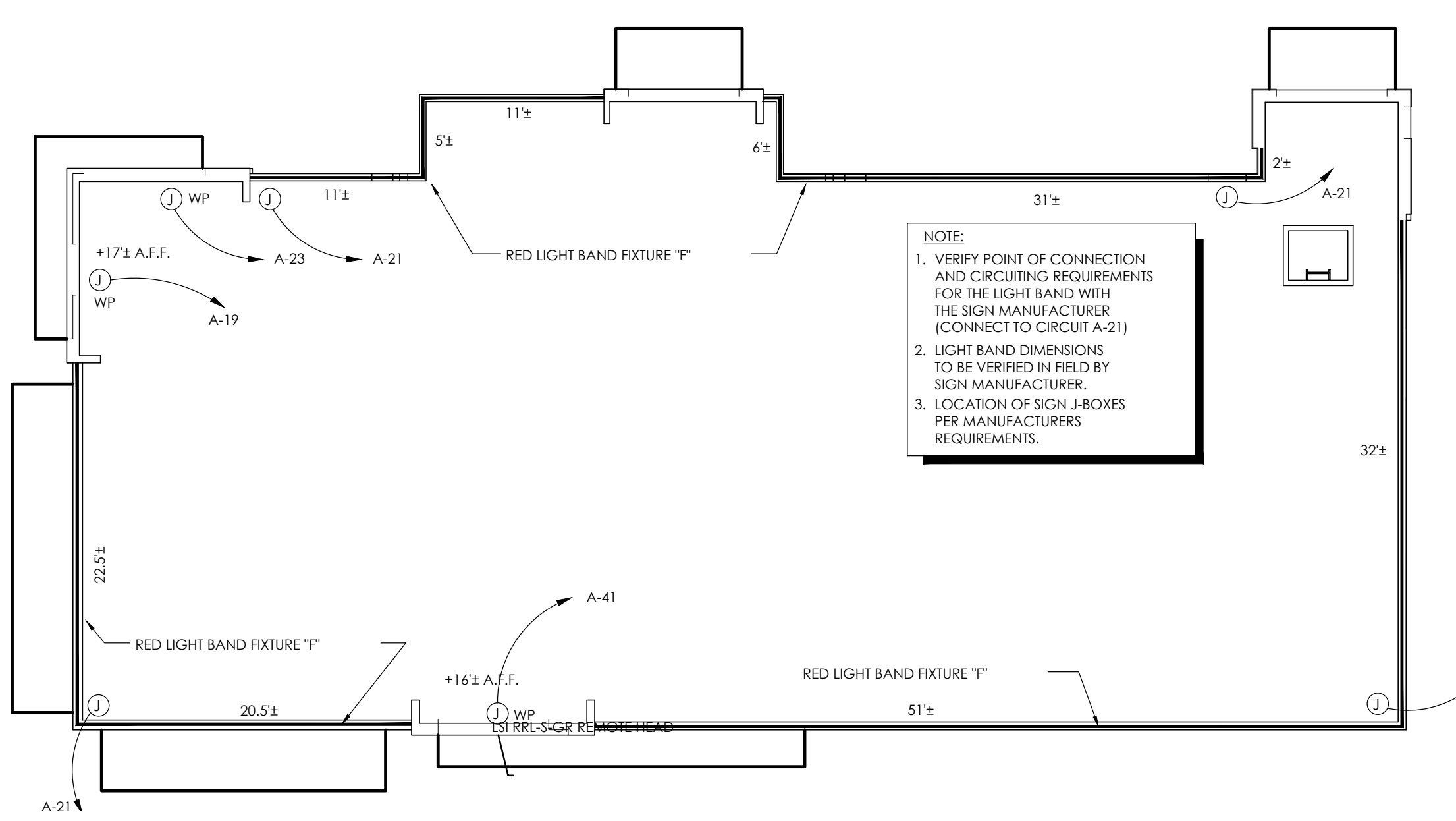
SCALE: NONE

NOTE: NUMBER OF SWITCHES REQUIRED MAY VARY BASED ON LIGHTING CONFIGURATION - VERIFY REQUIREMENTS.

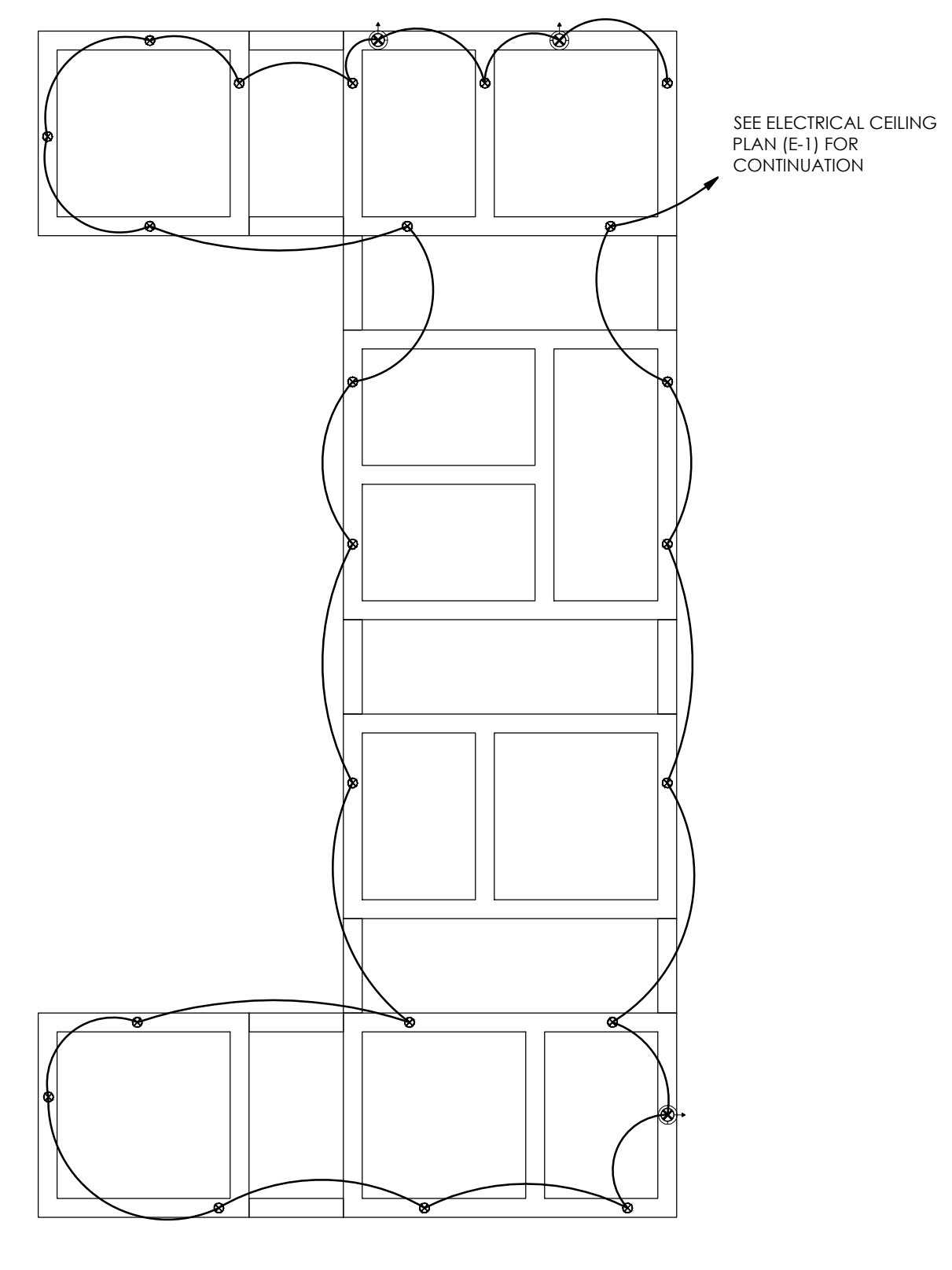
- ### GENERAL NOTES:
- REFER TO SHEET E-1.1 FOR LIGHT FIXTURE SPECIFICATIONS.
 - SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION AND MOUNTING HEIGHTS OF LIGHT FIXTURES. COORDINATE FIXTURE LOCATIONS WITH DECOR DRAWINGS.
 - ALL WORK AND MATERIALS SHALL BE BY THE ELECTRICAL CONTRACTOR UNLESS NOTED OTHERWISE.
 - MC CABLE ONLY PERMITTED FOR LIGHT WHIPS. ALL OTHER TO BE E.M.T. CONDUIT IN CEILING AND WALLS - RIGID CONDUIT UNDER SLAB.
 - PROVIDE JUNCTION BOXES AT LIGHT FIXTURES PER MANUFACTURERS REQUIREMENTS. (TYPICAL FOR ALL LIGHTING FIXTURES)
 - WHERE TRUSSES ARE EXPOSED, RUN ALL ELECTRICAL CONDUITS ABOVE THE BOTTOM CHORD OF THE TRUSS.

- ### KEYED NOTES:
- SWITCH BANK: REFERENCE DETAIL #1, THIS SHEET.
 - ALL EXTERIOR LIGHTS THROUGH PHOTO CELL ELECTRICAL CONTRACTOR TO PROVIDE "PARAGON" PHOTOCELL CW 201-00 MOUNTED ON ROOF FACING NORTH. MAKE ADJUSTMENTS FOR ANY AMBIENT LIGHT.
 - PROVIDE HARDWARE FOR INSTALLATION IN GYPSUM BOARD CEILINGS.
 - ELECTRICAL CONTRACTOR TO COORDINATE WITH THE DRIVE THROUGH SIGN SUPPLIER FOR EXACT ELECTRICAL REQUIREMENTS.
 - ALL LIGHT FIXTURES OVER FOOD SERVICE AREA TO BE PROVIDED WITH LENS.
 - INSTALL NEW MENUBOARD, E.C. TO PROVIDE ELEC. AS NEEDED.

- ### LIGHTING FIXTURE NOTES
- CONTRACTOR SHALL CHECK AND VERIFY FIXTURE QUANTITY AND MAKE PROPE ADJUSTMENTS FOR ANY CHANGES IN PLAN SHOWN DUE TO ADDITIONAL REQUIREMENTS SUCH AS VESTIBULES, LOCAL CODES, ETC.
 - SEE SITE LIGHTING DRAWING FOR AREA LIGHTING POLES SPECIFICATIONS AND DETAILS



2 PARAPET LIGHT FIXTURE PLAN
SCALE: 1/8" = 1'-0"



A TRELLIS POWER PLAN
SCALE: 1/4" = 1'-0"

- ### LIGHTING CONTROLS
- PROVIDE MANUAL SWITCH IN ALL ROOMS.
 - PROVIDE OCCUPANCY SENSORS IN RESTROOMS AND OFFICE.
 - PROVIDE ASTRONOMICAL TIME CLOCK WITH A MAX 3 HR OVERRIDE FOR ALL INTERIOR LIGHTS.
 - PROVIDE TIMECLOCK AND PHOTOCELL FOR ALL EXTERIOR LIGHTING AND SIGNAGE.

BURGER KING 2020 GARDEN GRILL INTERIOR INTERIOR LIGHT FIXTURE SCHEDULE						
Q1.05.22	TYPE	VENDOR	CATALOG No.	WATTAGE	COLOR TEMP.	REMARKS
A	NAUTICAL	BRONX & LED	BR04 & SP105-18-600-807-03 LED EDISON STYLE 10 WATT	10	2700	SHAKER PENDANT LAMP
A1	NAUTICAL	BRONX & LED	GG-AZ CUSTOM PENDANT LIGHT RED LED CLEAR ANTIQUE STYLE 6 WATT	10	2700K	RED PENDANT LIGHT
A2	NAUTICAL	BRONX & LED	BK-LT-11			GREEN CAST GUARD WAREHOUSE LIGHT
B	NAUTICAL	BRONX & LED	BR04 & LED RW EDISON INCANDESCENT LED CLEAR ANTIQUE STYLE 6 WATT	6	2700K	BRONZE CAGE PENDANT LIGHT
B1	NAUTICAL	BRONX & LED	BR04 & LED RW EDISON INCANDESCENT LED CLEAR ANTIQUE STYLE 4 WATT	4	2700K	BRONZE CAGE WALL SCIENCE LIGHT
C6w	CEE		150W-DL-50W-RCE-LIN	15.5	3000	Ø" DIAMETER, WHITE, RECESSED DOWN LIGHT
	SECURITY		SLS03K1-186LEDK300WH	14	3000	
	LSI		LC040LED140WDS10FT THRUFLAZ	11	3000	
	VACPTD		SP4356-27K-8W-WH	11	3000	
D6w	ENERGYWISE		VO-DL-RWWS-17	17	3000	
	CEE		CRBT-6-825-27K-1227786-LIN	11	3000	Ø" DIAMETER, WHITE, RECESSED DOWN LIGHT & WALL WASHER
	LSI		P016KADU1120N1320HSGHC	12	3000	
	JUNO		VO-DL-RWWS-17	17	3000	
E	ENERGYWISE		SP4356-27K-8W-WH	11	3000	
	ENERGYWISE		EW186K185W	18	3000	TRACK LIGHT
F	CEE		SC06M01224/CRBT-625-30K/CRBT-TRIMBB0-1			PENDANT LIGHT
	SECURITY		186C04-186LED4180KBL	12	3000	
G	ENERGYWISE		EW186CBLK		3000	
	ENERGYWISE		SP4356-27K-8W-WH	11	3000	2" DIAMETER DOWN LIGHT, SATIN NICKEL FINISH
G1	ZANUSONI		D2LUNA22082ACORPOROP	9	3000	
	JUNO		UP4278A-186L-FY-LIN	12	3000	Ø" DIAMETER WALL WASHER, SATIN NICKEL FINISH
I	ZANUSONI		D2LUNA22082ACORPOROD	9	3000	
	CEE		C-76-FP24-50K-340K-WH	42	4000	1. TO BE USED IN KITCHEN
J	SECURITY		LP74-40-WG-FS12-2U-C388	45	4000	2. 24" RECESSED
	LSI		SP24-186L-FY-LIN	18	4000	
PG	VACPTD		VO-FL-20W4-50	60	4000	
	ENERGYWISE		EW112P2488L	48	4100	
K	CEE		C-76-FP24-186L-WH	42	5000	1. FOR REMODELS ONLY
	SECURITY		LP74-30W-WG-FS12-2U-C388	27	5000	2. TO BE USED IN RESTROOMS
L	LSI		SP24-186L-FY-LIN	18	5000	3. 14" NEEDED
	VACPTD		VO-FL-15W4-50	50	5000	
PG	ENERGYWISE		EW112P2488L	35	5000	
	CEE		C-76-FP24-186L-WH	39	5000	1. TO BE USED IN PLAYGROUND
EM	SECURITY		LP72-30W-G-FS12-LV	35	5000	2. 24" RECESSED
	LSI		SP22-LED-30-DIM-FS12-FK2	30	5000	
EMX	VACPTD		VO-FL-20W4-50	50	5000	
	ENERGYWISE		EW112P2488L	35	5000	
EM	SECURITY		CEC-A-2-27K-8W-BB	11	5000	EMERGENCY LIGHT
	VACPTD		VO-EM	2	5000	
EM	ENERGYWISE		EW112P2488L	35	5000	
	SECURITY		CEC-A-2-27K-8W-BB	11	5000	EMERGENCY LIGHT
EMX	LSI		UPK00000101L	4		
	VACPTD		VO-EMX-81	101	5000	
EMX	ENERGYWISE		EW112P2488L	35	5000	
	SECURITY		CU2		3000	
T	LSI		ETEMIN	101	5000	
	VACPTD		VO-EM	2	5000	
T	ENERGYWISE		EW112P2488L	35	5000	
	SECURITY		CEC-A-2-27K-8W-BB	11	5000	EMERGENCY LIGHT
WIB	LSI		CGK6	4		
	VACPTD		VO-EMX-81	101	5000	RESTROOM WALL MOUNTED OCCUPANCY INDICATOR LIGHT
WIB	ENERGYWISE		EW112P2488L	35	5000	
	SECURITY		EW112P2488L	35	5000	
O	CEE		LSA-250-30K-12V	21	5000	PLAYGROUND PENDANT LIGHT
	CEE		LSR-RED-10K-12V	18	5000	PLAYGROUND PENDANT LIGHT

NOTES FOR SUBMITTAL TO CITY PLANNING

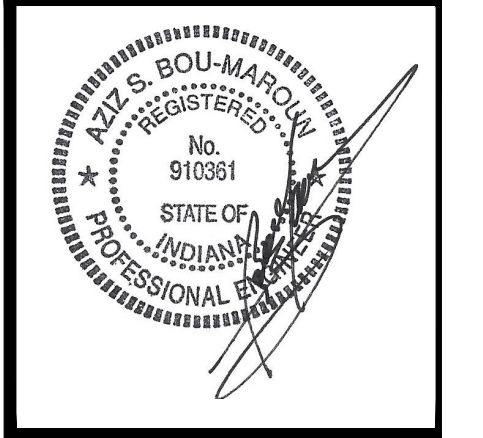
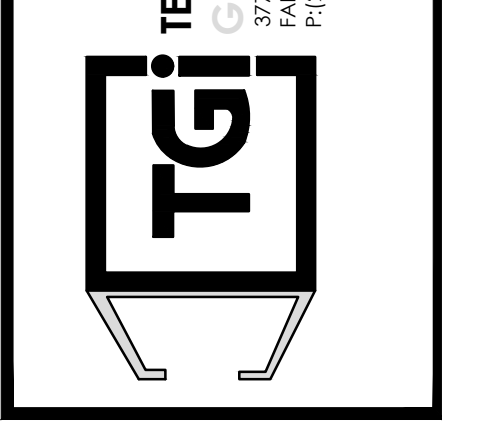
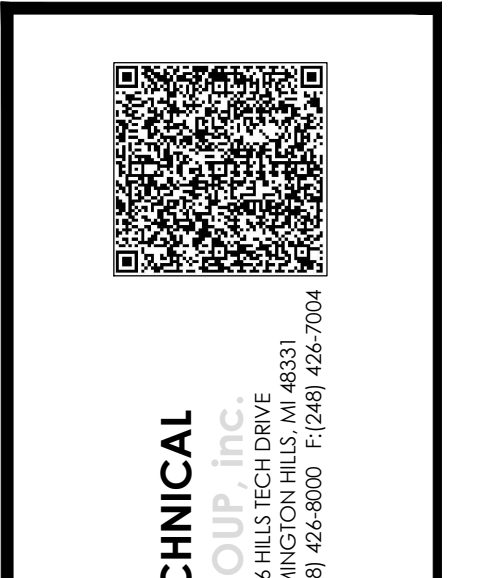
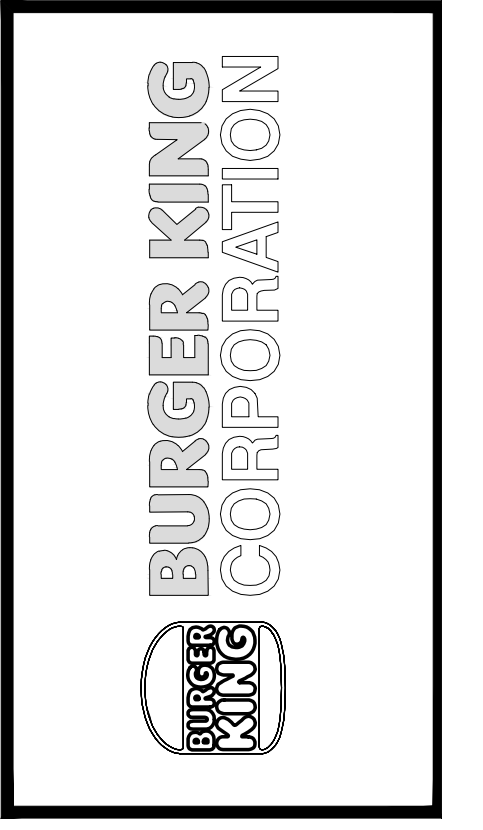
Drawn By: CP

Checked: SB

Scale: AS NOTED

Date: ---21

ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAY BE COPIED, REPRODUCED OR USED IN CONNECTION WITH ANY WORK OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED. WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE ARCHITECT.



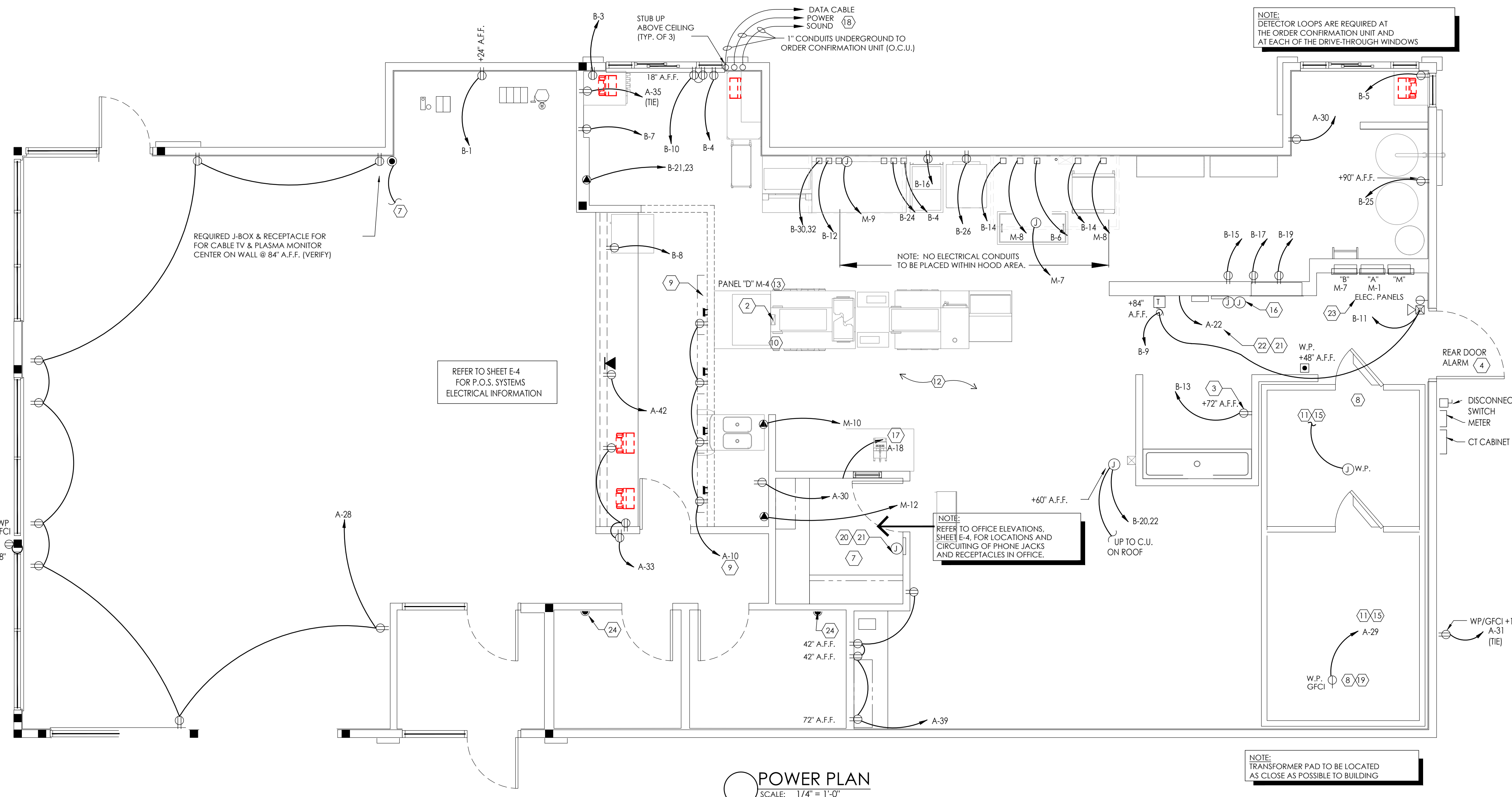
PROJECT: BURGER KING 1440 HOFFMANE ST. ELKHART, IN 46514

JOB #: TG-21668

SHEET TITLE: LIGHTING PLAN

SHEET: E-1

DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.



SYMBOL LEGEND	
DETAIL	DESCRIPTION
⚡	TOGGLE SWITCH - SINGLE POLE HUBBELL #1221-1
Ⓚ	PUSHBUTTON SWITCH
Ⓛ	SINGLE RECEPTACLE HUBBELL #5361-1
Ⓛ	DUPLEX RECEPTACLE HUBBELL #5362-1
Ⓛ	208V RECEPTACLE HUBBELL 208V, 1P - #5352-1
Ⓛ	208V, 3P - #8420
Ⓛ	TELEPHONE OUTLET WITH BUSHED HOLE COVERPLATE
Ⓛ	JUNCTION OR GANG BOX
Ⓛ	CABLE TELEVISION OUTLET
Ⓛ	BUZZER / BELL
Ⓛ	REAR DOOR ALARM
Ⓛ	TRANSFORMER

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

- KEYED NOTES - PLAN:**
- RYER HOOD: PRE-WIRED (WITH RECEPTACLES BY HOOD MANUFACTURER. ELECTRICAL CONTRACTOR TO MAKE CONNECTION AT JUNCTION BOX AT THE TOP OF THE HOOD. BROILER HOOD: PRE-WIRED (WITH DUPLEX RECEPTACLES) BY HOOD MANUFACTURER. ELECTRICAL CONTRACTOR TO MAKE CONNECTION AT JUNCTION BOX AT THE TOP OF THE HOOD. ELECTRICAL CONTRACTOR TO PROVIDE RECEPTACLE AND COVER PLATE FOR THE OVEN AND BROILER BASED ON EQUIPMENT SELECTED.
 - ELECTRICAL CONTRACTOR TO RUN CONDUITS AND WIRE THROUGH THE EQUIPMENT CHASE AND CONNECT TO CIRCUITS PROVIDED IN THE JUNCTION BOX BY EQUIPMENT MANUFACTURER.
 - VERIFY POWER REQUIREMENTS FOR SELECTED WATER HEATER OR SELECTED WATER HEATER BASED ON EQUIPMENT SELECTED.
 - REAR DOOR ALARM: "MONITOR 4000" BY SECURITY PRODUCTS, INC. OR APPROVED EQUAL. MOUNT SIMPLEX RECEPTACLE FOR POWER SUPPLY 6" ABOVE CEILING.
 - PERMANENTLY CONNECTED KITCHEN EQUIPMENT NOT SUPPLIED WITH ON/OFF UNIT SWITCH (WHICH IS PART OF THE APPLIANCE) TO SERVE AS A DISCONNECTING MEANS. UNIT SHALL BE SUPPLIED WITH A DISCONNECT AS PER N.E.C., FURNISHED BY THE ELECTRICAL CONTRACTOR.
 - G.C. TO VERIFY ELECTRICAL REQUIREMENTS FOR FIRE SUPPRESSION SYSTEM AND AUTO-SELENOID GAS SHUT-OFF VALVE.
 - RUN 2" CONDUIT TO MANAGERS OFFICE FOR CABLE TV.
 - HEAT TAPE IS PROVIDED BY THE WALK-IN BOX MANUFACTURER AND INSTALLED BY THE ELECTRICAL CONTRACTOR. CONTRACTOR SHALL COORDINATE INSTALLATION AND SUPPLY 120V CIRCUIT AND RECEPTACLE AS DIRECTED BY BOX MANUFACTURER.
 - DIGITAL MENU BOARDS (VERIFY 3 OR 4 BOARD INSTALLATION); PROVIDE (1) DUPLEX RECEPTACLE FOR 120V CIRCUIT AND (1) P-RING FOR DATA CABLE AT EACH MENU BOARD SCREEN. REFER TO DETAIL SHEET E-4.
 - STAINLESS STEEL SERVICE CHASE TO CEILING FURNISHED BY THE EQUIPMENT MANUFACTURER.
 - CONTRACTOR SHALL OBTAIN WIRING DIAGRAM FROM THE WALK-IN BOX MANUFACTURER AND INSTALL AS DIRECTED.
 - CONTRACTOR SHALL COORDINATED EQUIPMENT INSTALLATION WITH THE EQUIPMENT MANUFACTURER'S INSTALLATION PERSONNEL.
 - PRE-WIRED BRANCH CIRCUITS DISCONNECTED FOR SHIPMENT TO BE RE-CONNECTED BY GC PER MANUFACTURER'S INSTALLATION SPECIFICATIONS.
 - ELECTRICAL CONTRACTOR TO PROVIDE CORD AND PLUG AND WIRE TO BROILER BASED ON EQUIPMENT SELECTED.
 - CONTRACTOR SHALL COORDINATE CONDUIT RUN BETWEEN FREEZER/COOLER EVAPORATORS AND ROOF TOP REFRIGERATION UNIT WITH THE MANUFACTURER'S FURNISHED WIRING HARNESS.
 - ELECTRICAL CONTRACTOR TO PROVIDE JUNCTION BOXES INSIDE WALL @ 48" A.F.F. WITH STUB-UPS TO CEILING FOR AMEREX PULL STATION AS REQUIRED BY EQUIPMENT SUPPLIER.
 - SMOKE DETECTOR ALARM PANEL: REFER TO SHEET M-1 FOR LOCATION OF A/C UNITS SMOKE DETECTORS.
 - (3) 1" CONDUIT TO BASE OF DRIVE-THROUGH ORDER STATION FOR DRIVE-THROUGH COMMUNICATIONS SYSTEM, SOUND, DATA AND POWER.
 - 6" BELOW CEILING FOR CONDENSATE DRAIN LINE TAPE HEATER.
 - TO MASTER RELAY PANEL. REFER TO SHEET E-5.
 - MANUAL ON-OFF CONTROL PANEL. REFER TO SHEET E-5.
 - MASTER CONTACTOR PANEL. REFER TO SHEET E-5 AND NOTE #23. BELOW.
 - SWITCH GEAR OPTION #1: RECESS ELECTRICAL CONTACTOR PANEL & PANELS 'A', 'B', & 'M' IN FURRED OUT WALL ADJACENT TO EXTERIOR FRAMING. G.C. TO VERIFY PANEL SIZES PRIOR TO FURR-OUT TO INSURE ADEQUATE SPACE. SWITCH GEAR OPTION #2: HILL PHOENIX INTEGRATED WALL UNIT INCLUDES PANELS 'A', 'B', 'M' AND MASTER CONTACTOR PANEL IN ONE CABINET. UNIT TO BE SURFACE MOUNTED ON 4" HIGH CONCRETE CURB. REFERENCE SHEET E-3 AND E-5 FOR ADDITIONAL INFORMATION.
 - PROVIDE VISUAL STROBE ALARM MOUNTED AT 80" A.F.F. TIE TO H.V.A.C. SMOKE ALARM SYSTEM.

- ELECTRICAL CONTRACTOR (EC) - GENERAL NOTES:**
- ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND OTHER APPLICABLE CODES AND STANDARDS.
 - ALL DEVICE BOXES SHALL BE INSTALLED FLUSH AND CONDUITS RUN CONCEALED IN FINISHED AREAS EXCEPT AS SPECIFICALLY SHOWN/NOTED OTHERWISE.
 - INSTALL POWER AND CONTROL WIRING AND REQUIRED CONTROL COMPONENTS FOR AIR CONDITIONING SYSTEMS AS SHOWN/NOTED ON THE DRAWINGS AND PER OTHER APPLICABLE DRAWINGS/INSTRUCTIONS. REFERENCE MECHANICAL DRAWINGS.
 - WIRE SIZE SHALL BE #12 (MINIMUM) UNLESS OTHERWISE NOTED. WIRE SIZES SMALLER THAN #6 AWG SHALL BE THHN/THWN. #6 AWG WIRE AND LARGER SHALL BE THW, UNLESS NOTED OTHERWISE.
 - WIRE (CONDUCTOR) COLORS SHALL BE AS PER APPLICABLE CODES.
 - ALL CONDUCTORS SHALL BE COPPER.
 - ALL CONDUCTORS SHALL BE RUN IN CONDUIT, EXCEPT LOW VOLTAGE CONTROL AND COMMUNICATIONS CABLES.
 - ALL MATERIALS SHALL BE UL APPROVED.
 - ALL BRANCH CIRCUITS, EXCEPT INTERIOR LIGHTING, EXTERIOR BUILDING SIGNS, PARAPET LIGHTING AND SOFFIT LIGHTING TO HAVE A GREEN EQUIPMENT GROUNDING CONDUCTOR SIZED AS PER NEC 250-122.
 - PVC (SCHEDULE 40) PERMITTED BELOW SLAB AND BELOW GRADE ONLY.
 - IT IS INTENDED THAT AN EQUIPMENT GROUND CONDUCTOR (GREEN) SHALL BE RUN IN POWER CIRCUIT CONDUITS WHETHER OR NOT THE CONDUIT IS PVC.
 - ALL EMPTY CONDUITS TO BE PROVIDED WITH NYLON PULL STRING.
 - NEW TYPEWRITER PANEL DIRECTORY SHALL BE FURNISHED AFTER JOB IS COMPLETED REFLECTING ALL AS BUILT CONDITIONS.
 - ALL BRANCH CIRCUITS SHALL BE PROPERLY PHASE BALANCED.
 - ALL DATA EQUIPMENT TO BE FED BY A DEDICATED CIRCUIT WHICH CONSISTS OF A POWER CIRCUIT THAT FEEDS THIS TYPE OF EQUIPMENT ONLY WITH A SEPARATE GREEN GROUNDING CONDUCTOR CARRIED ALL THE WAY BACK TO THE PANEL TO BE CONNECTED TO THE GROUNDING SYSTEM.
 - FUSES SHALL BE DUAL ELEMENT, TIME DELAY TYPE UNLESS OTHERWISE NOTED.
 - EC SHALL VERIFY INTERIOR DECOR THEME TO BE USED AND COORDINATE WITH SAID THEME.
 - EC SHALL INSTALL AND CONNECT WIRING TO ALL SIGNS.
 - EC TO COORDINATED ROUGHING-IN TO ALL EQUIPMENT WITH EQUIPMENT SUPPLIER PRIOR TO INSTALLING CONDUITS.
 - ALL CONDUIT RUNS TO KITCHEN EQUIPMENT SHALL BE RUN ABOVE CEILING.
 - MAINTAIN 12" CLEARANCE BETWEEN P.O.S. COMMUNICATION CONDUITS AND LIGHTING FIXTURES AS WELL AS POWER CONDUITS.
 - CUTTINGS AND NOTCHING OF 2X4 BEARING WALL FRAMING NOT TO EXCEED 7/8". BORING HOLES IN 2X4 BEARING WALL FRAMING NOT TO EXCEED 2 1/8".
 - ALL B.O.H. & SERVICE AREA OUTLETS TO BE G.F.C.I.
 - ALL P.O.S. OUTLETS TO BE DEDICATED CIRCUITS (ORANGE).

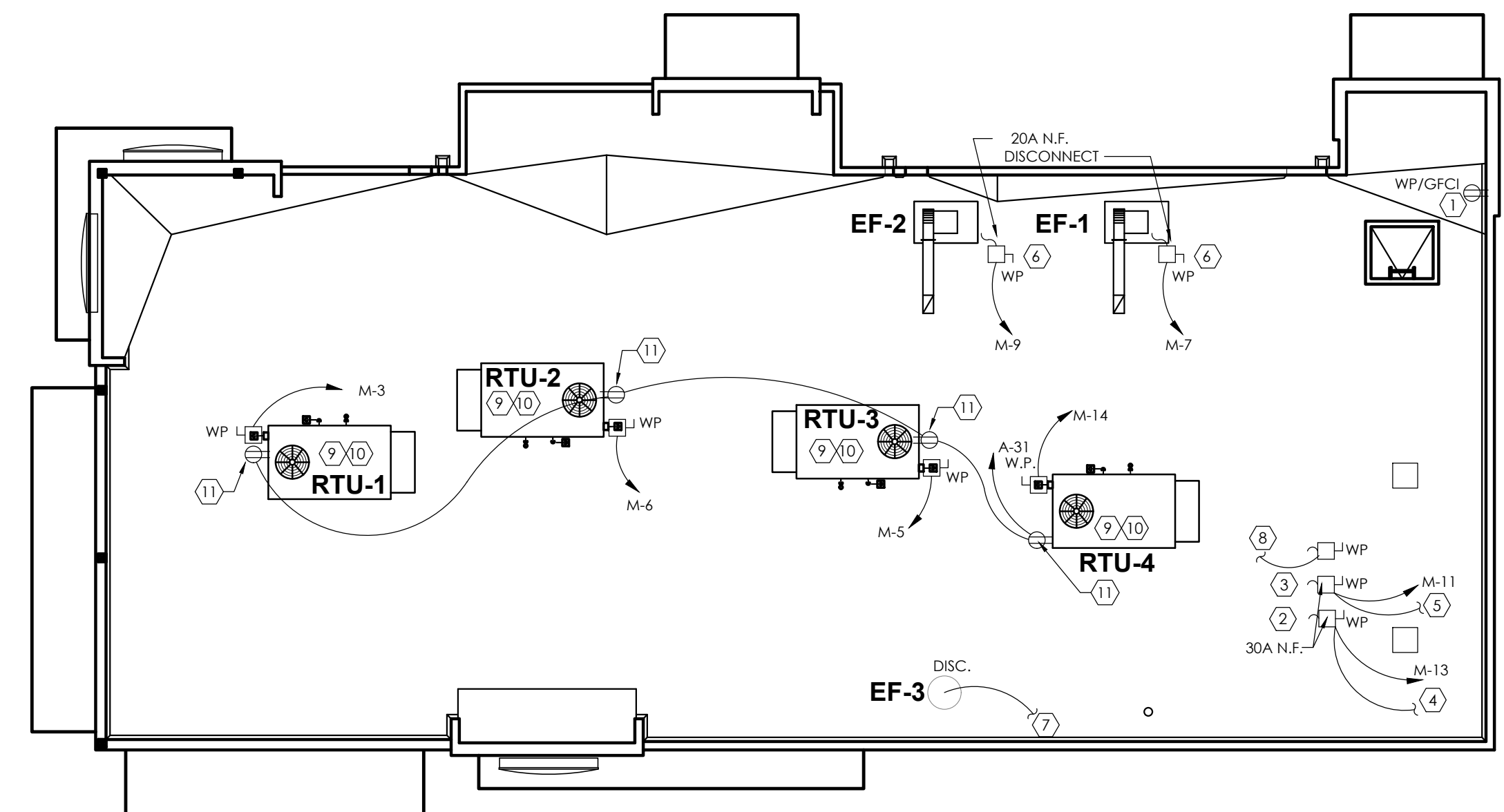
- ELECTRICAL CONTRACTOR (EC) - H.V.A.C.:**
- THE EC SHALL FURNISH AND INSTALL PITCH PANS FOR POWER AND CONTROL WIRING AND TO MAINTAIN 12" MINIMUM CLEARANCE FROM BACK PANEL OF AIR CONDITIONING UNITS.
 - EC SHALL INSTALL ALL LOW-VOLTAGE CONTROL WIRING FOR ALL AIR CONDITIONING UNITS AND FANS. COORDINATE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

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

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

KEYED NOTE - ROOF:

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



ELECTRICAL ROOF POWER PLAN
SCALE: 1/8" = 1'-0"

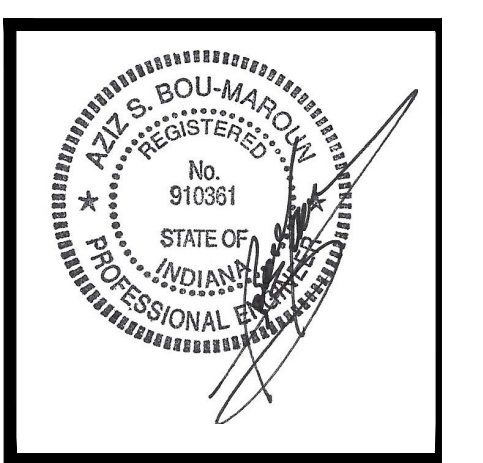
PROJECT	BURGER KING 1440 MAPLE AVE. ST. ELMHART, IN 46514
SHEET TITLE	POWER PLAN
JOB #	TG-21668
SHEET	E-2

BURGER KING CORPORATION

ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAY BE REPRODUCED OR USED IN CONNECTION WITH ANY WORK OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED, WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE ARCHITECT.

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

TGI



NO DO NOT SCALE THIS PRINT, USE FIGURED DIMENSIONS ONLY.	
JOB #	TG-21668
SHEET	E-2

ELECTRICAL PANEL SCHEDULE

PANEL: A		SERVICE: 120/208V, 3P, 4W + GND		FEEDERS: SEE ONE LINE DIAGRAM	
PANEL TYPE: SQ-D "NOOD" OR EQUAL		BUS RATING: 200 A M.L.O.		MOUNTING: NEMA-1 RECESSED	
LOAD DESCRIPTION	NOTE	LOAD VOLT-AMP	WIRE	CB/P	LOAD DESCRIPTION
AREA LIGHTS **		1080	10	20/2	1
		1080	10	20/2	3
AREA LIGHTS **		1080	10	20/2	5
		1080	10	20/2	7
PYLON SIGNS *		1200	12	20/1	9
SPARE				20/1	11
DRIVE-THRU MENU SIGNS		720	12	20/1	13
SPARE				20/1	15
SPARE				20/1	17
LOGO **		1200	12	20/1	19
PARAPET LIGHT BAND **		240	10	20/1	21
CHANNEL LETTERS / LOGO **		1200	12	20/1	23
SPARE				20/1	25
EXTERIOR BUILDING LIGHTS **		1475	12	20/1	27
COOL/FRZR LIGHTS/DOOR HTR/H.E.		400	12	20/1	29
ROOF/EXTERIOR RECEPTACLES		720	12	20/1	31
SPARE				20/1	33
D/T SPEED/SERVICE #90C CAMERA		540	12	20/1	35
KITCHEN AREA LIGHTS		1200	12	20/1	37
CREW/STORAGE RECEPTACLES		540	12	20/1	39
LOGO **		1200	12	20/1	41
				20/1	43
				20/1	45

TOTAL CONNECTED LOAD: 29,390 VA **PHASE 'A':** 11080 VA **NOTES:** (TC) = WIRE THROUGH CONTACTOR.
TOTAL CONNECTED AMPS: 81.6 AMP **PHASE 'B':** 10250 VA (HACR) = HACR TYPE BREAKER.
PANEL 'A' NOTES: (LO) = LOCKED BREAKER
 1. ** ELECTRICAL CONTRACTOR TO WIRE THESE CIRCUITS THRU MASTER CONTACTOR PANEL. REFERENCE WIRING DIAGRAMS SHEET E-5.
 2. ALL BREAKERS SHALL BE RATED FOR SWITCHING DUTY.
 3. * VERIFY CIRCUIT REQUIREMENTS FOR PYLON SIGN.
 4. *** ZONES A & B ONLY. COORDINATE WITH HVAC.

ELECTRICAL PANEL SCHEDULE

PANEL: B		SERVICE: 120/208V, 3P, 4W + GND		FEEDERS: SEE ONE LINE DIAGRAM	
PANEL TYPE: SQ-D "NOOD" OR EQUAL		BUS RATING: 200 AMP M.L.O.		MOUNTING: NEMA-1 RECESSED	
LOAD DESCRIPTION	NOTE	LOAD VOLT-AMP	WIRE	CB/P	LOAD DESCRIPTION
SELF-SERVE DRINK DISPENSER #10		600	12	20/1	1
P.O.S. RECEPTACLES	IG/LO	1320	12	20/1	3
P.O.S. RECEPTACLES	IG/LO	1320	12	20/1	5
DRIVE-THRU DRINK DISPENSER #11		600	12	20/1	7
REAR DOOR BUZZER		720	12	20/1	9
DOOR ALARM		720	12	20/1	11
WATER HEATER		300	12	20/1	13
CARBONATOR		744	12	20/1	15
CARBONATOR		744	12	20/1	17
CARBONATOR		744	12	20/1	19
COFFEE/TEA BREWER #17		1820	12	20/2	21
		1820	12	20/2	23
				20/1	25
				20/1	27
				20/1	29
				20/2	31
				20/2	33
				20/1	35
				20/1	37
				20/1	39
				20/1	41
				20/1	43
				20/1	45

TOTAL CONNECTED LOAD: 25,024 VA **PHASE 'A':** 7594 VA **NOTES:** (TC) = WIRE THROUGH CONTACTOR.
TOTAL CONNECTED AMPS: 69.5 AMP **PHASE 'B':** 7032 VA (HACR) = HACR TYPE BREAKER.
PANEL 'B' NOTES: (LO) = LOCKED BREAKER
 1. * PROVIDE ISOLATED GROUND BUS.
 2. ** CONTRACTOR SHALL WIRE THESE CIRCUITS THRU MASTER CONTACTOR PANEL. REFERENCE WIRING DIAGRAM SHEET E-5.
 3. * PROVIDE HLO-1 HANDLE LOCK-OFF.

ELECTRICAL PANEL SCHEDULE

PANEL: D		SERVICE: 120/208/240V, 3P, 4W + GND		FEEDERS: SEE ONE LINE DIAGRAM	
PANEL TYPE: SQ-D "NOOD" OR EQUAL		BUS RATING: 150A M.L.O.		MOUNTING: FURNISHED BY EQUIPMENT SUPPLIER	
LOAD DESCRIPTION	NOTE	LOAD VOLT-AMP	WIRE	CB/P	LOAD DESCRIPTION
PHU/MICROWAVE		1920	12	20/2	1
		1920	12	20/2	3
PHU/MICROWAVE		1920	12	20/2	5
		1920	12	20/2	7
SPACE				20/2	9
SPACE				20/2	11
BUN TOASTER		2880	10	30/2	13
		2880	10	30/2	15
SPACE				20/1	17
SPACE				20/1	19
SPACE				20/1	21
SPACE				20/1	23
				20/1	25
				20/1	27
				20/1	29
				20/1	31
				20/1	33
				20/1	35
				20/1	37
				20/1	39
				20/1	41
				20/1	43
				20/1	45

TOTAL CONNECTED LOAD: 36,840 VA **PHASE 'A':** 15360 VA **NOTES:** (TC) = WIRE THROUGH CONTACTOR.
TOTAL CONNECTED AMPS: 102.3 AMP **PHASE 'B':** 13440 VA (HACR) = HACR TYPE BREAKER.
PHASE 'C': 8040 VA (LO) = LOCKED BREAKER
 (GFCI) = GROUND FAULT CIRCUIT INTERRUPTOR
 (IG) = WIRE SEPARATE TO ISOLATED GROUND BUS.

ELECTRICAL PANEL SCHEDULE

PANEL: M		A.I.C. RATING: 42,000		SERVICE: 120/208V, 3P, 4W + GND		FEEDERS: SEE ONE LINE DIAGRAM	
PANEL TYPE: SQ-D "I-LINE" OR EQUAL		SIZE: 600 AMP MCB		MOUNTING: NEMA-1 RECESSED			
LOAD DESCRIPTION	NOTE	LOAD VOLT-AMP	WIRE	CB/P	LOAD DESCRIPTION	NOTE	LOAD DESCRIPTION
PANEL A		11080	3/0	200/3	1		PANEL B
		10250			3/0		
		8060					
RTU-1	HACR	3140	#8	50/3	3		PANEL D
		3140			4	100/3	
		3140			1/0	15360	
		3140				13440	
RTU-3	HACR	3140	#8	50/3	5		RTU-2
		3140			6	50/3	
		3140			#8	3140	
		3140				3140	
EF-1 #23A		350	#12	20/2	7		BISCUIT OVEN #36
		350			8	30/3	
					#10	3240	
						3240	
EF-2 #33A		350	#12	20/2	9		SHAKE MACHINE
		350			10	45/3	
					#8	7280	
						7280	
						7280	
WALK-IN BOX COOLER CONDENSER #40		465	#12	20/2	11		FROZEN COKE MACHINE #14
		465			12	30/3	
					#10	1700	
						1700	
WALK-IN BOX FREEZER CONDENSER #40		3024	#10	30/3	13		RTU-4
		3024			14	50/3	
		3024			#8	3140	
						3140	

TOTAL CONNECTED LOAD: 165,897 VA **PHASE 'A':** 63003 VA **NOTES:** (TC) = WIRE THROUGH CONTACTOR.
TOTAL CONNECTED AMPS: 460.8 AMPS **PHASE 'B':** 59851 VA (HACR) = HACR TYPE BREAKER.
PHASE 'C': 43243 VA (LO) = LOCKED BREAKER
 (GFCI) = GROUND FAULT CIRCUIT INTERRUPTOR
 (IG) = WIRE SEPARATE TO ISOLATED GROUND BUS.

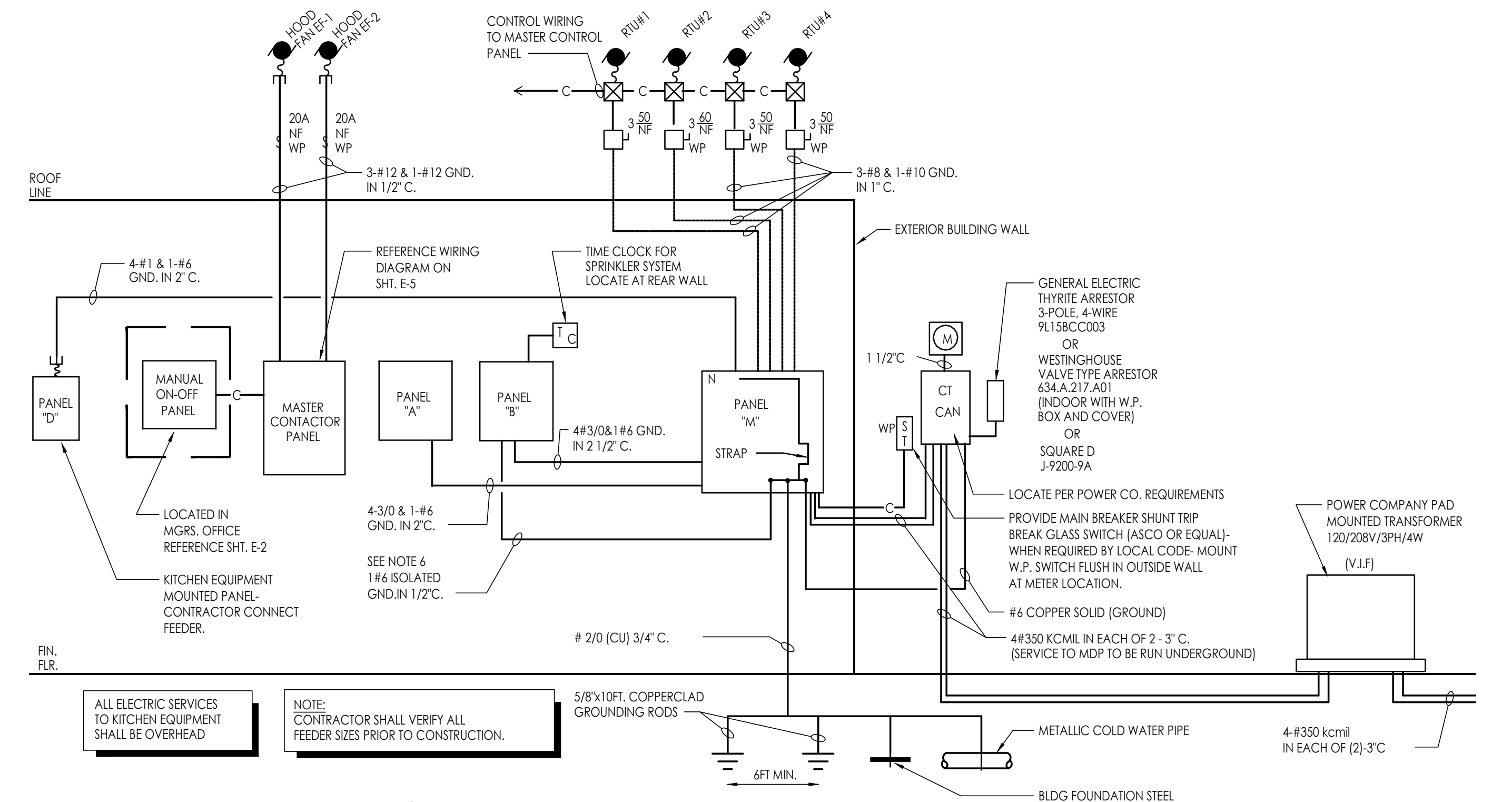
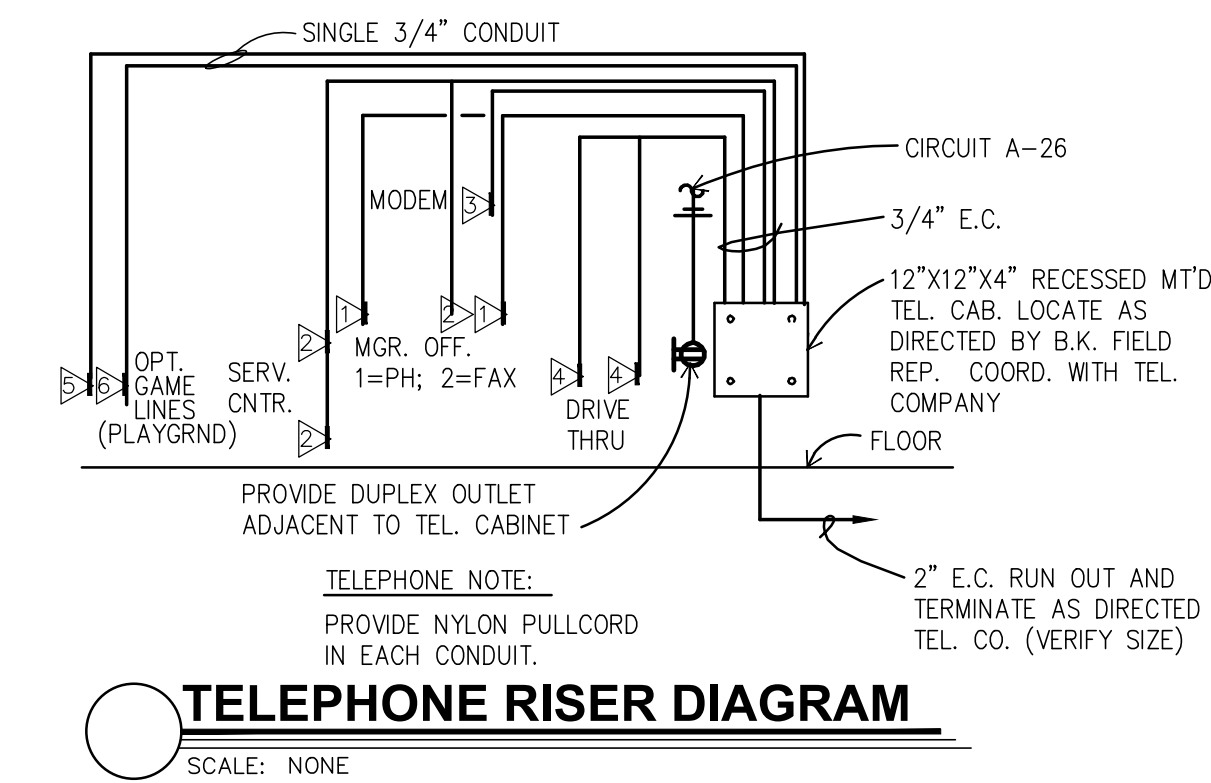
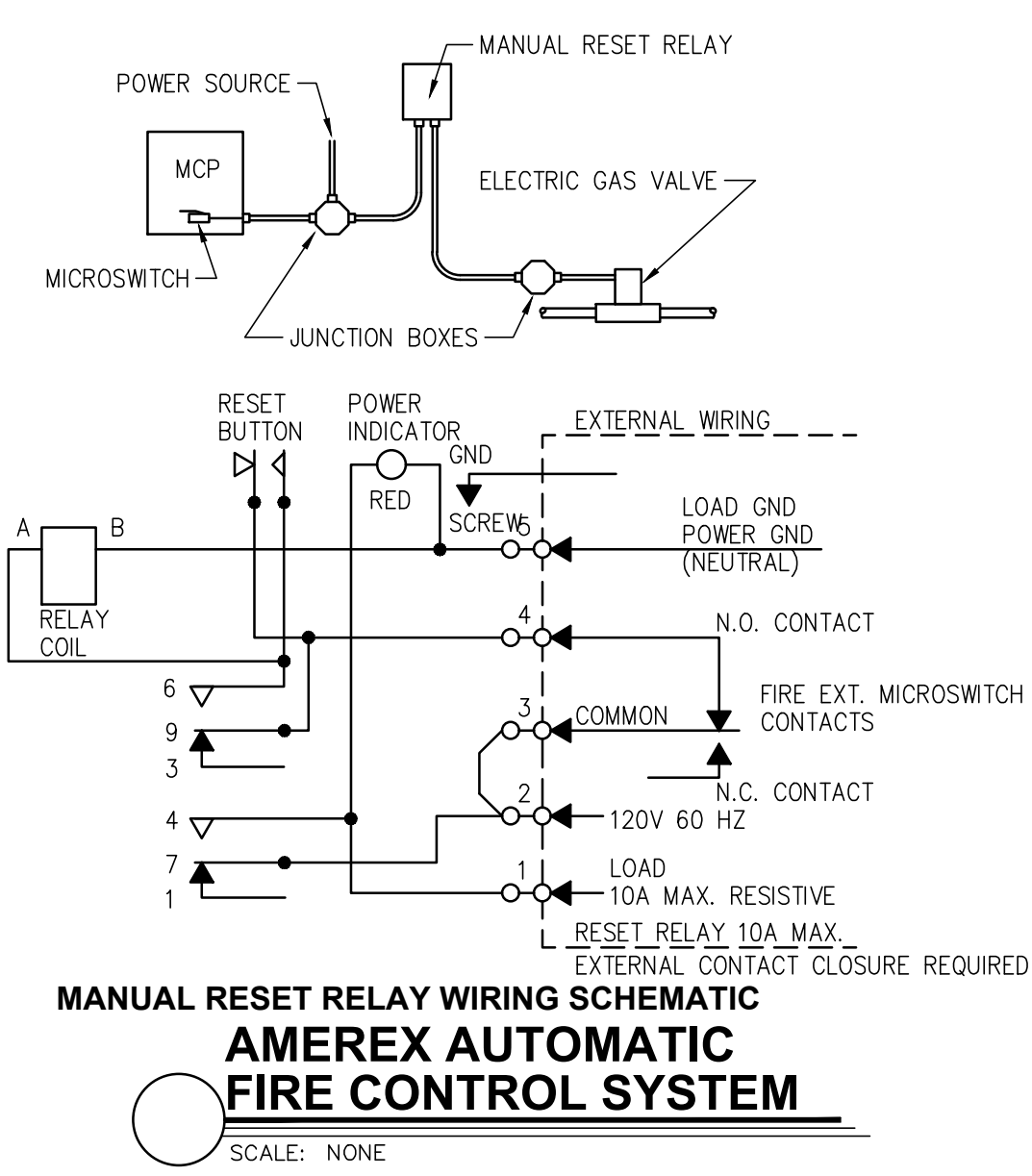
LOAD SUMMARY

KITCHEN LOADS
 A 0
 B 20368
 D 36840
 M 102170
 TOTAL 159378 X 65% = 103596

LIGHTING LOADS
 A 19670
 B 0
 D 0
 M 19670
 TOTAL 39340 X 125% = 49175

REMAINING LOADS
 A 9720
 B 4656
 D 0
 M 53456
 TOTAL 67832 X 100% = 67832

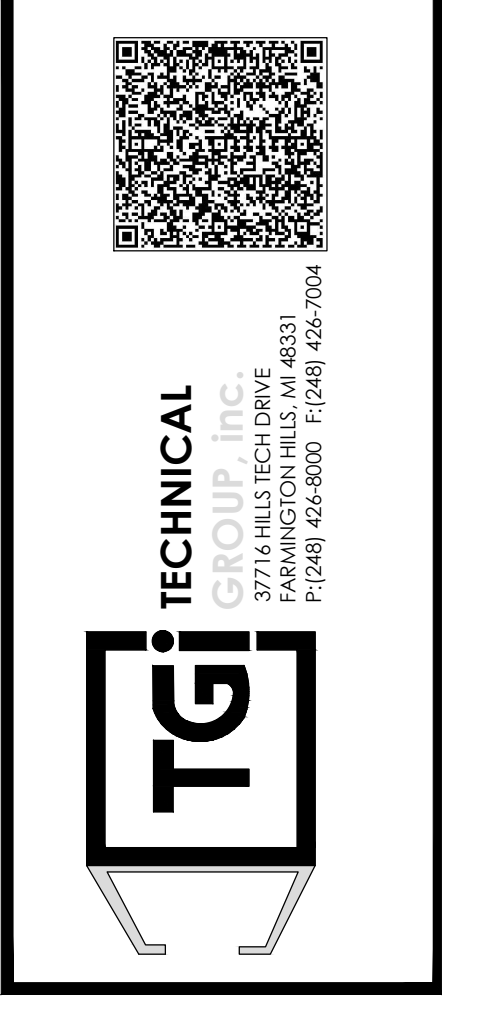
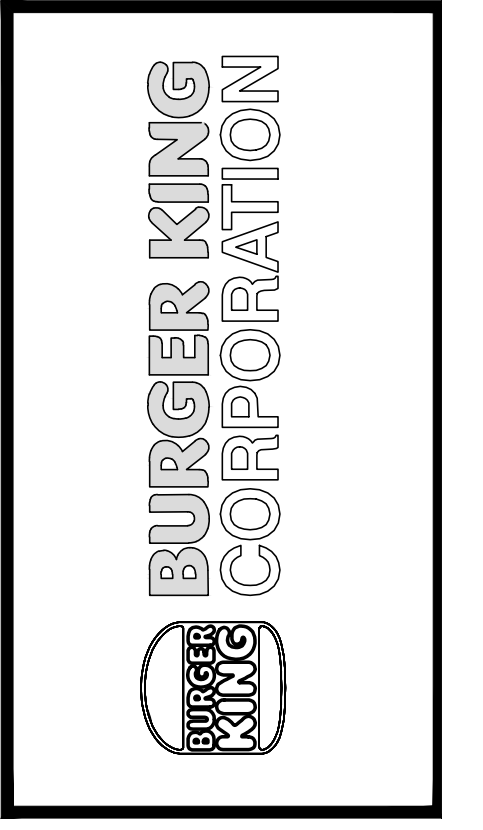
TOTAL ADJUSTED LOAD = 220,602.7 (612.8A)



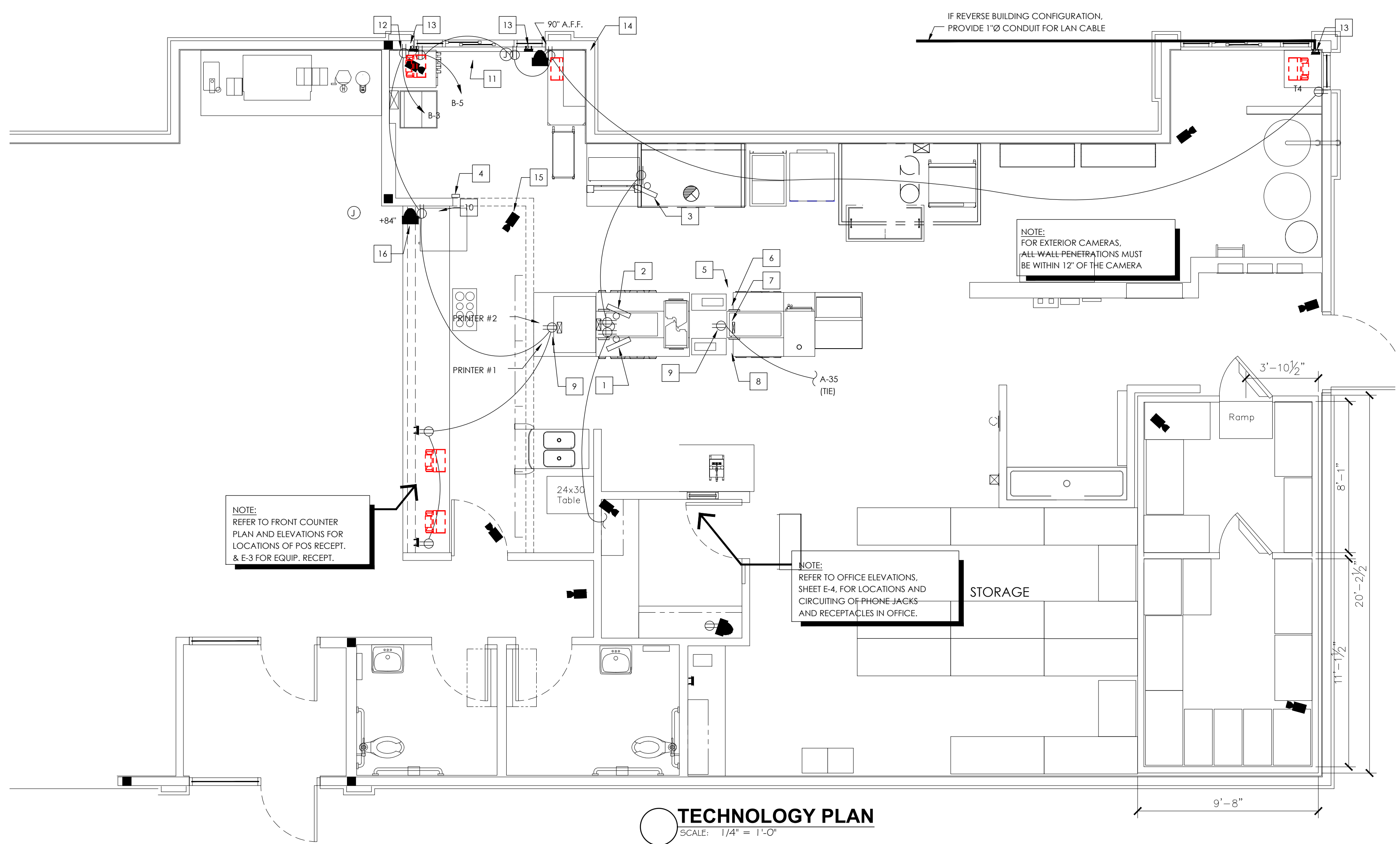
- RISER NOTES:**
- ALL FUSED DISCONNECT SWITCHES TO BE PROVIDED BY CONTRACTOR.
 - REFER TO PANEL NOTES.
 - REFER TO GENERAL NOTES, SHEET E-2
 - "T.C." INDICATES TIME CLOCK (OR TIME SWITCH)
 - SEE MASTER CONTACTOR PANEL WIRING DIAGRAM FOR ADDITIONAL CIRCUITS FROM PANELS THAT ARE CONTROLLED THROUGH THE MASTER CONTACTOR PANEL
 - PROVIDE AN ISOLATED GROUND BUS IN PANEL & RUN CIRCUIT GROUND WIRE TO THIS BUS. RUN A #6 GREEN GROUND FROM THIS BUS TO MAIN SERVICE GROUND POINT.
 - MASTER CONTACTOR PANEL AND MANUAL ON-OFF PANEL TO BE INCLUDED IN ELECTRICAL CONTRACTORS SCOPE OF WORK.

ELECTRICAL DISTRIBUTION PANELS, MASTER CONTACTOR PANEL AND MANUAL ON/OFF PANEL MAY BE PURCHASED AS A LOOSE GEAR PACKAGE THROUGH:
SUNCOAST ENVIRONMENTAL CONTROLS, INC.
 8566 115TH AVENUE NORTH
 LARGO, FLORIDA 34643
 PHONE (877) 544-6679

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



PROJECT	BURGER KING 1440 WAPPAWANE ST. ELMHART, IN 46514
SHEET TITLE	ELECTRICAL PANELS AND RISERS
JOB #	TG-21668
SHEET	E-3



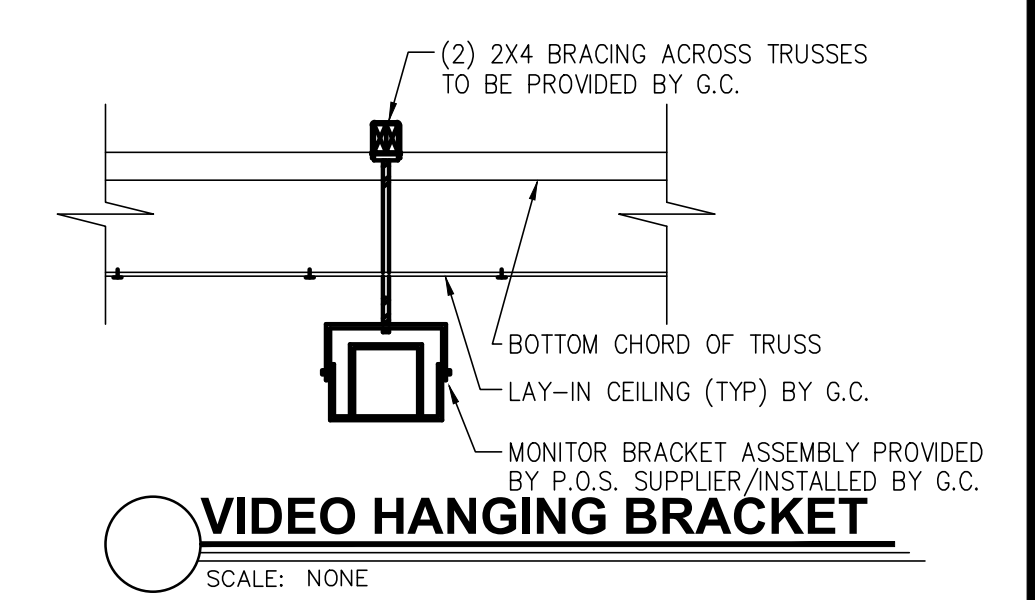
GENERAL NOTES:

- A. CONTRACTOR TO VERIFY WHICH SYSTEM IS TO BE INSTALLED. REQUIREMENTS CAN VARY DEPENDING ON MANUFACTURER. THE CONTRACTOR IS CAUTIONED TO VERIFY ALL REQUIREMENTS PRIOR TO CONSTRUCTION.
- B. CONTRACTOR TO PROVIDE ALL RECEPABLE OUTLETS, CONDUITS AND J-BOXES AS INDICATED ON PLAN.
- C. CONTRACTOR TO VERIFY AND COORDINATE LOCATION OF VIDEO DISPLAY DEVICES W/ BURGER KING REPRESENTATIVE.
- D. MAINTAIN P.O.S. CABLES A MIN. OF 12" AWAY FROM ANY FLUORESCENT LIGHT SOURCES ABOVE CEILING.
- E. ELECTRICAL CONTRACTOR TO IDENTIFY P.O.S. JUNCTION BOXES ABOVE CEILING "GROUND P.O.S. ONLY".

KEYED PLAN NOTES:

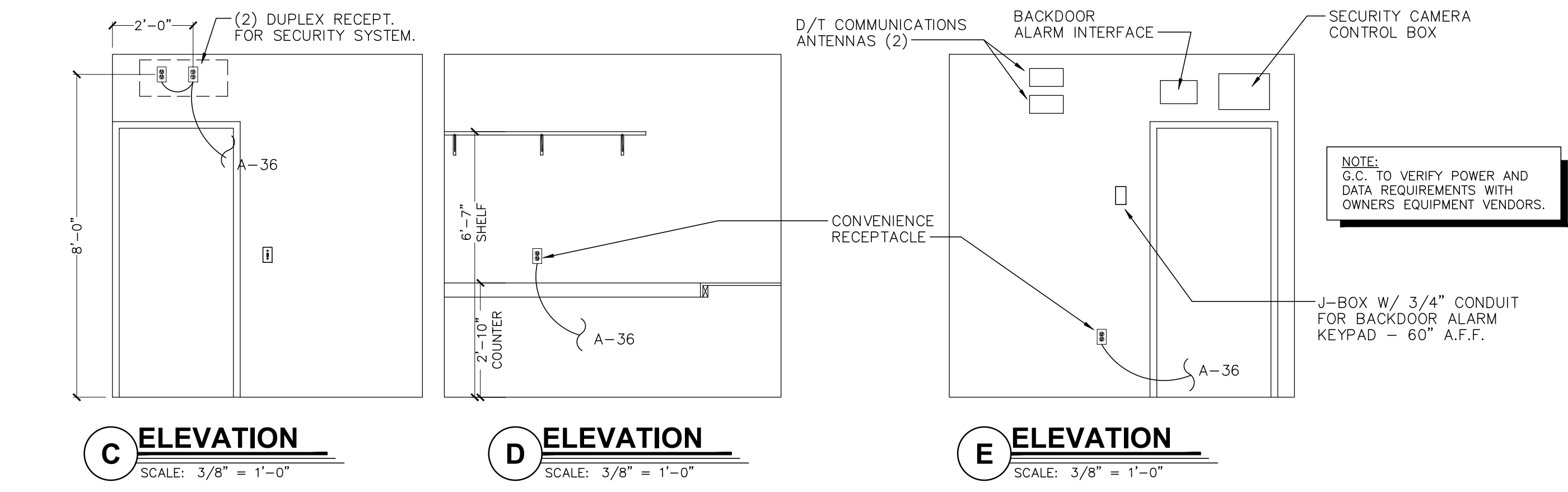
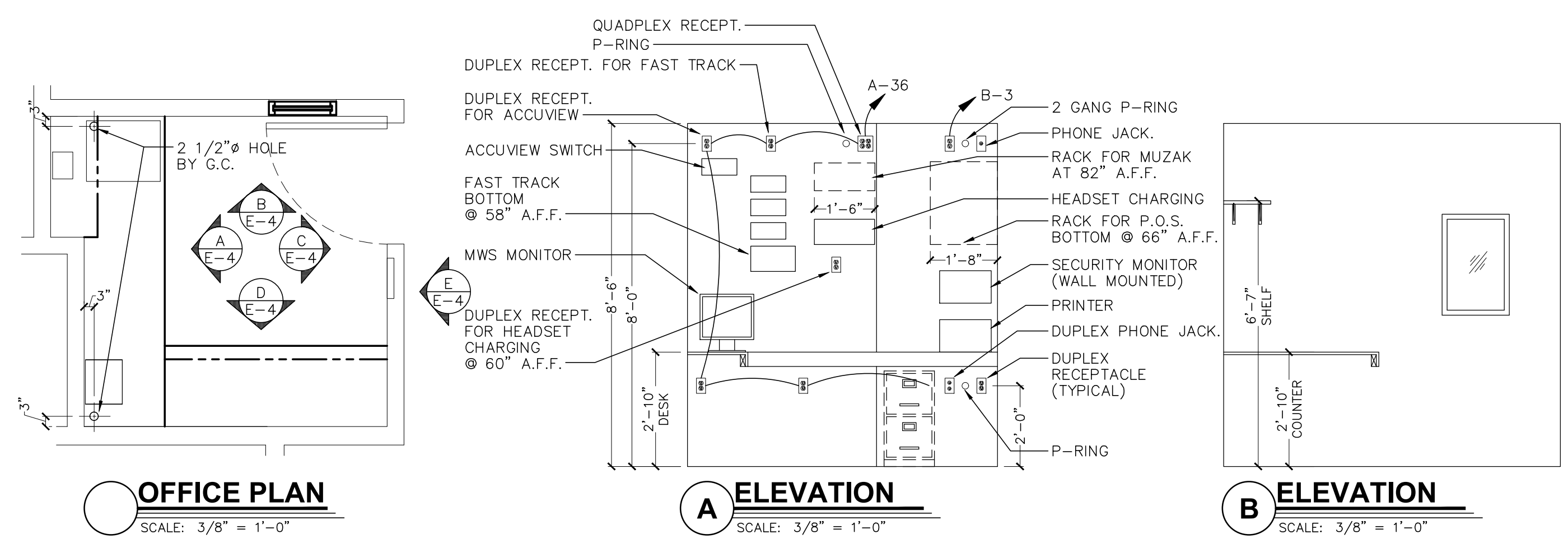
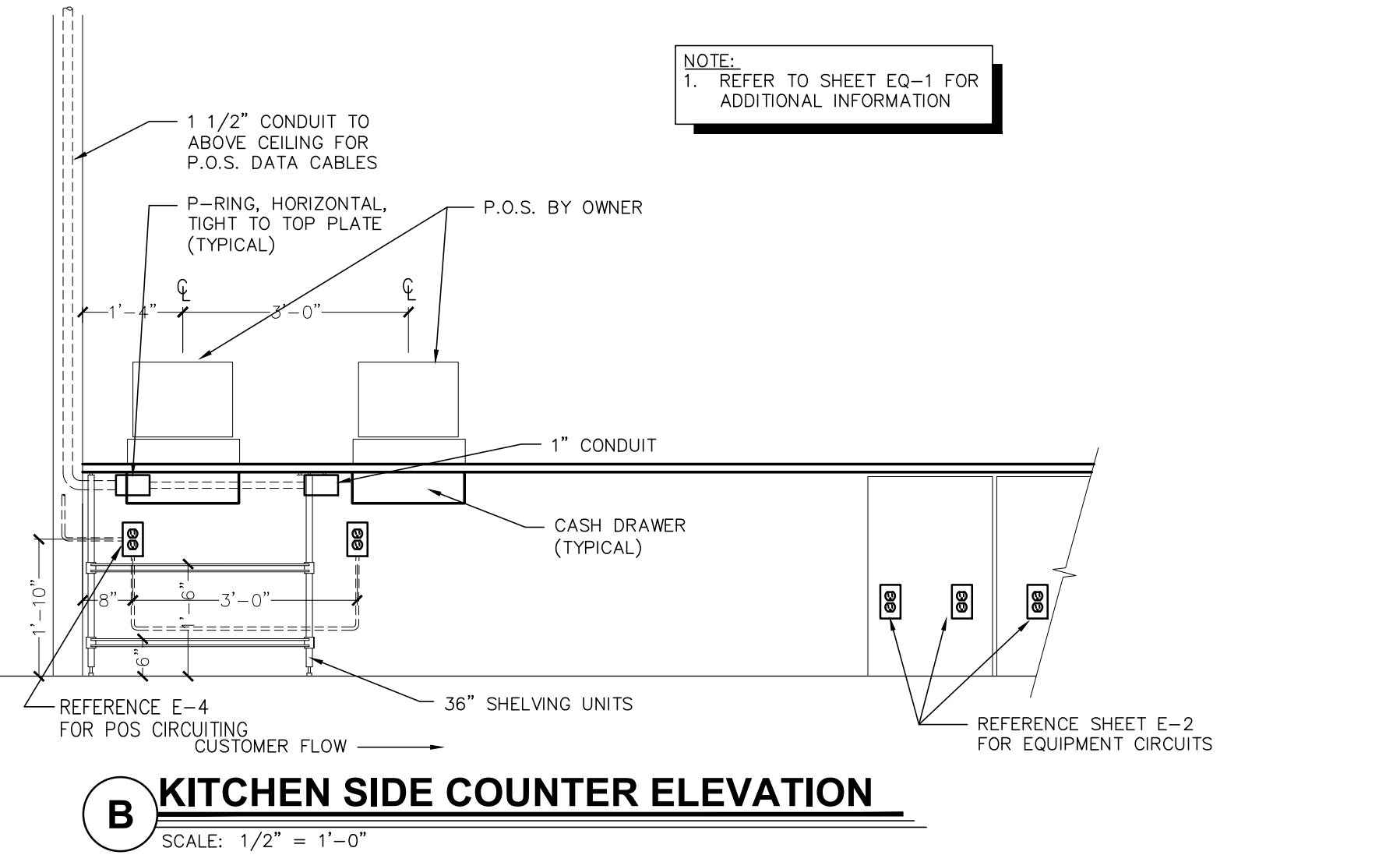
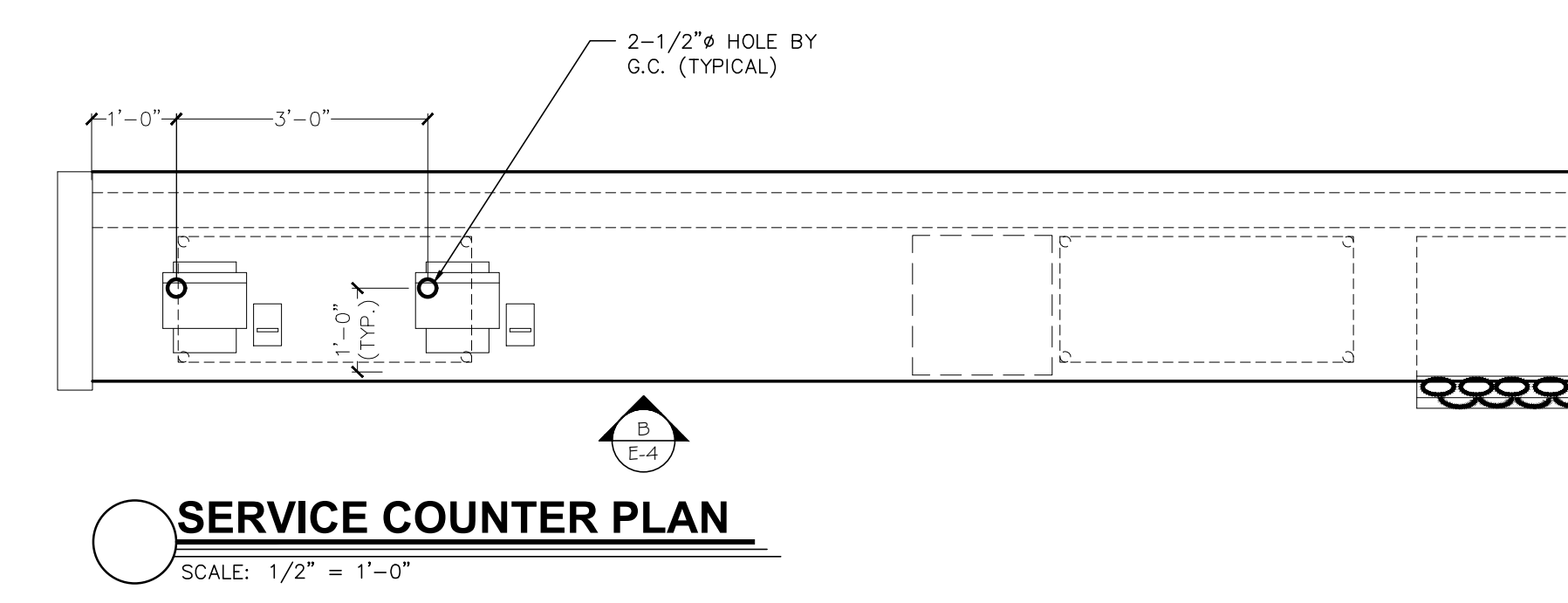
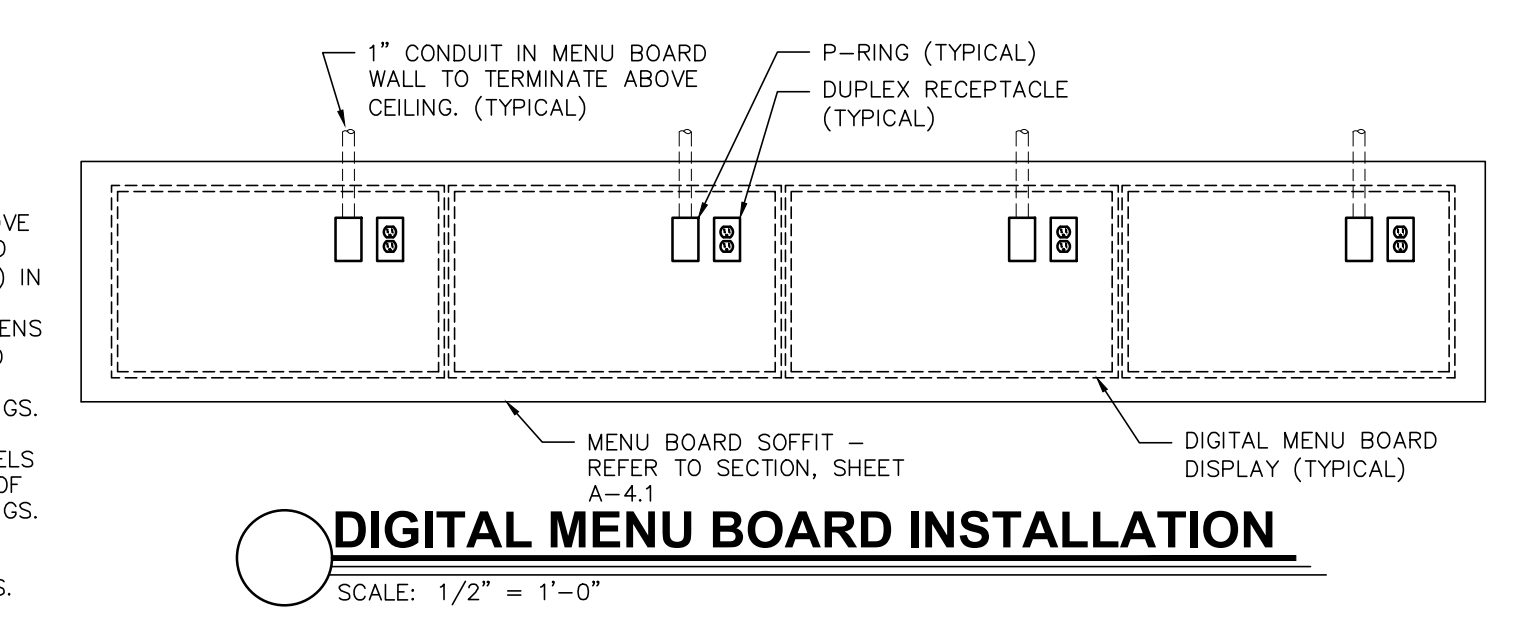
- 1 DISPLAY #1 AND BUMP BAR. PROVIDE 4" CONDUIT FOR VIDEO, BUMP BAR AND PRINTERS. PROVIDE CEILING MOUNTED RECEPABLES. (TYPICAL FOR DISPLAY #1, #2 AND #3)
- 2 DISPLAY #2 AND BUMP BAR
- 3 DISPLAY #3 AND BUMP BAR
- 4 STOCK LEVEL LIGHT CONTROLLER @ 60" A.F.F.
- 5 TOTAL SERVICE TIME DISPLAY
- 6 GRADE DISPLAY
- 7 CLOCK-RECEPT. IN CHASE
- 8 STOCK LEVEL DISPLAY RECEP. IN CHASE
- 9 EQUIPMENT MOUNTED RECEPABLES BY K.E.S. CIRCUITING RUNS BY E.C.
- 10 J-BOX W/ 3/4" CONDUIT @ 84" A.F.F.
- 11 CEILING MOUNTED D/T TIMER WINDOW TIME DISPLAY
- 12 90" A.F.F. FOR D/T LAND MONITOR.
- 13 P-RING @ 24" A.F.F. W/ 1" CONDUIT TO ABOVE CLG.
- 14 J-BOX W/ 1" CONDUIT TO CLG. FOR PHU DATA CABLE. (LOCATE NEXT TO PHU RECEP.)
- 15 SECURITY CAMERA (TYPICAL)
- 16 SECURITY MONITOR (TYPICAL)

SYMBOL LEGEND	
DETAIL	DESCRIPTION
	DUPLEX 125V-20A-2 POLE-3 WIRE STRAIGHT BLADE RECEPTACLE OUTLET - WALL MTD. (24" A.F.F., - U.O.N.)
	SINGLE 125V-20A-2 POLE-3 WIRE STRAIGHT BLADE RECEPTACLE OUTLET - WALL MTD. (24" A.F.F., - U.O.N.)
	DRYWALL P-RING
	BUMP-BAR
	TELEPHONE OUTLET FOR P.O.S. MODEM (ALL OUTLETS HOMERUN IN 3/4" CONDUIT TO TELEPHONE BACKBOARD) MOUNT 96" A.F.F.
	P.O.S. PRINTER DEVICE
	P.O.S. REGISTER DEVICE
	VIDEO DISPLAY DEVICE (CEILING MTD.)
	SECURITY CAMERA BY "PRIVID-EYE" CONTACT: LARRY SATLER, 954-581-1756
	SECURITY MONITOR BY "PRIVID-EYE" PROVIDE DUPLEX RECEPTACLE @ 84" A.F.F. (VERIFY) CONNECT TO P.O.S. CIRCUIT

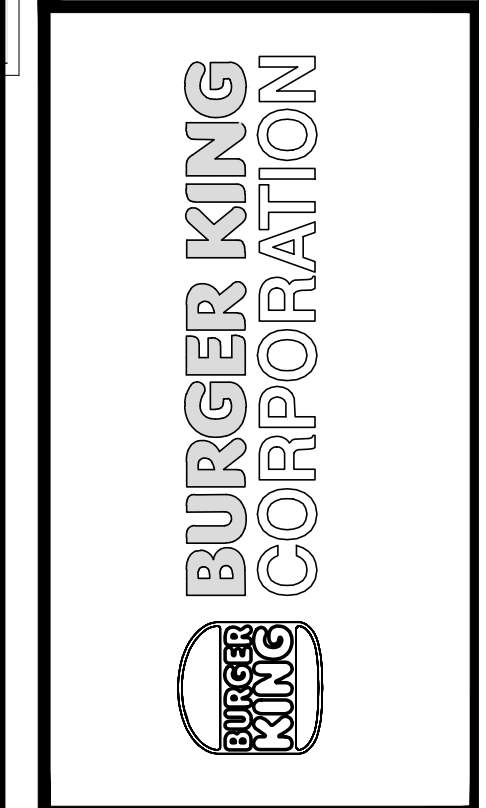


NOTES:

- 1. (1) DUPLEX RECEPTACLE PER SCREEN
- 2. (1) P-RING PER SCREEN WITH 1" CONDUIT TO ABOVE CEILING. DATA CABLE TO RUN TO MEDIA PLAYER(S) IN OFFICE
- 3. VERIFY NUMBER OF SCREENS USED (3 OR 4) PRIOR TO INSTALLATION OF RECEPABLES AND P-RINGS.
- 4. DETERMINE SCREEN AND MOUNTING BRACKET MODELS PRIOR TO INSTALLATION OF RECEPABLES AND P-RINGS.
- 5. REFER TO SHEET E-2, POWER PLAN FOR CIRCUITING REQUIREMENTS.



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



PROJECT	BURGER KING 1440 HAFPAWEE ST. ELMHART, IN 46514
SHEET TITLE	TECHNOLOGY PLAN
JOB #	TG-21668
SHEET	E-4

DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

"MORNING ARRIVAL"

STEP 1

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

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

STEP 2

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

"RESTAURANT OPEN FOR BUSINESS"

STEP 1

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

STEP 2

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

"RESTAURANT CLOSE FOR BUSINESS"

STEP 1

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

STEP 2

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

STEP 3

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

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

"EMPLOYEES LEAVING THE BUILDING"

STEP 1

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

"MANAGER/LAST PERSON LEAVING THE BUILDING"

STEP 1

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

STEP 2

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

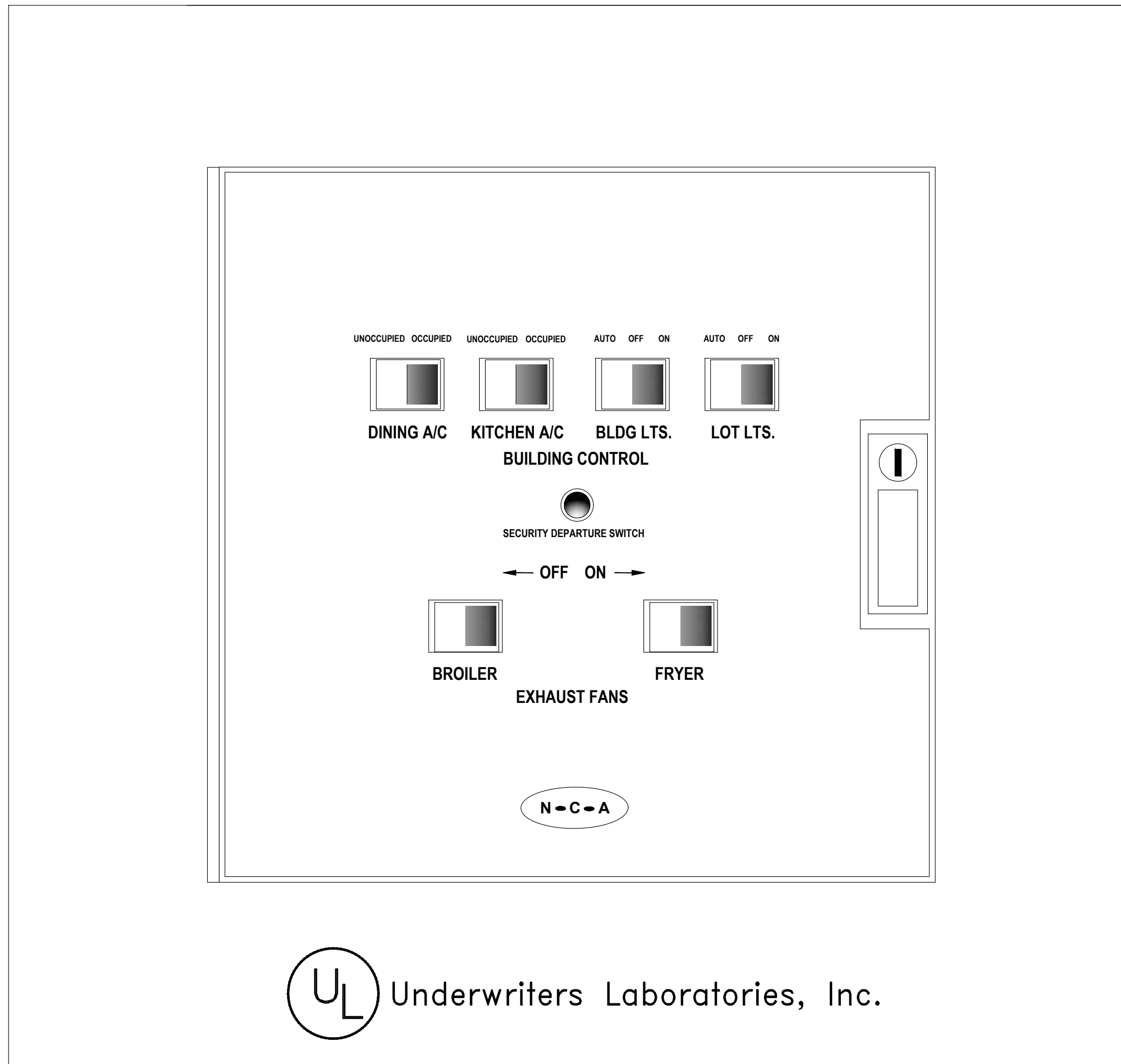
"HOOD VENTILATION SYSTEM NOTE"

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

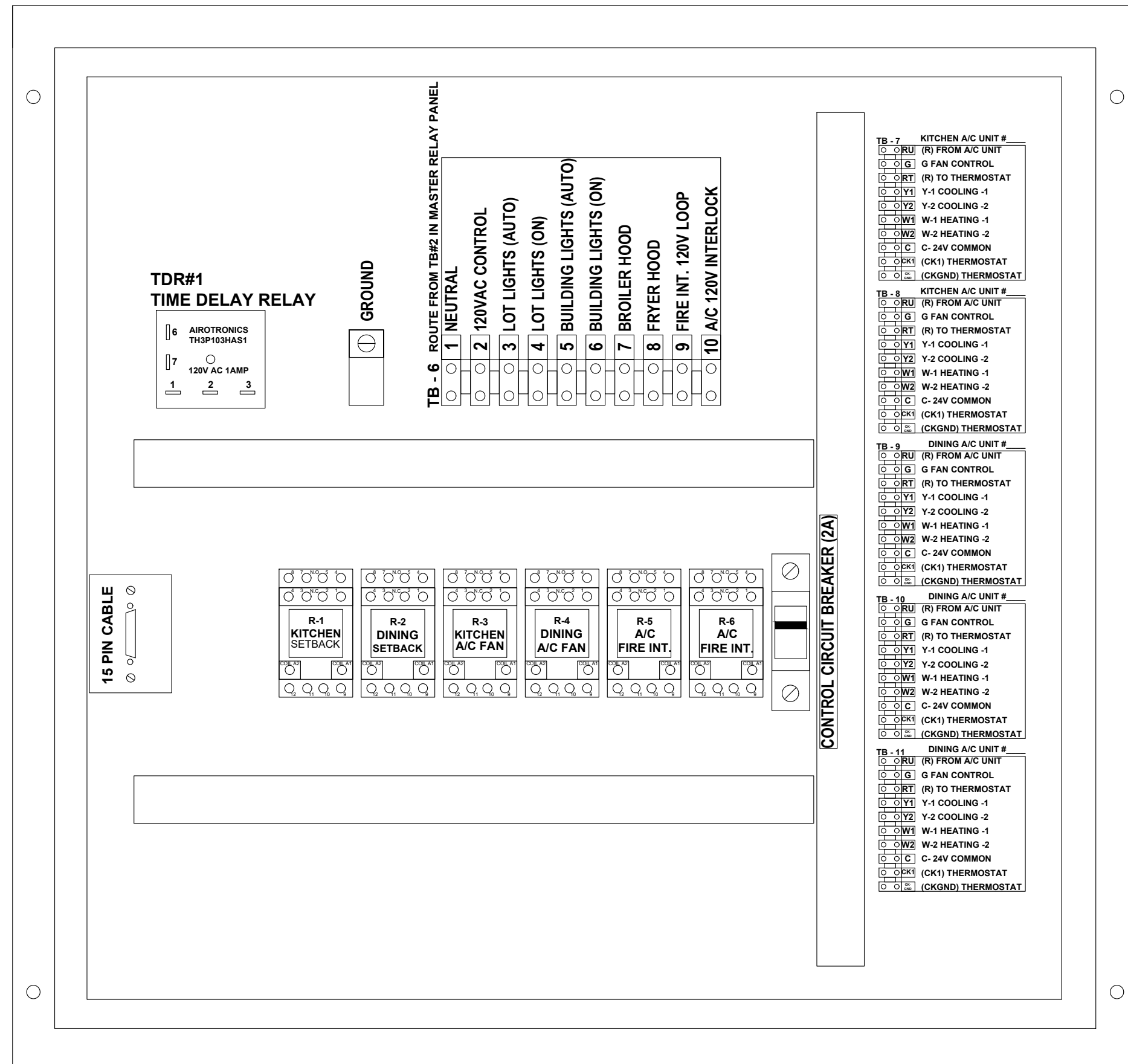
"PARKING LOT LIGHTING NOTE"

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

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



UL Underwriters Laboratories, Inc.



SEQUENCE OF OPERATION

MANUAL CONTROL SYSTEM

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

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

THE AIR CONDITIONING FANS WILL START AND RUN CONTINUOUSLY.

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

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

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

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

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

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

THE COOKING EQUIPMENT SHALL BE DISABLED.

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

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

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

HOOD VENTILATION SYSTEM

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

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

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

EXTERIOR LIGHTING CONTROL

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

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

ON POSITION: LIGHTING SHALL BE ON PERMANENTLY.

OFF POSITION: LIGHTING SHALL BE OFF PERMANENTLY.

AUTO POSITION: LIGHTING SHALL BE CONTROLLED BY THE PHOTO CELL.

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

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

HVAC SYSTEM

N-C-A
CONSULTANTS / GROUP

NATIONAL CORPORATE ACCOUNT SERVICES, INC.

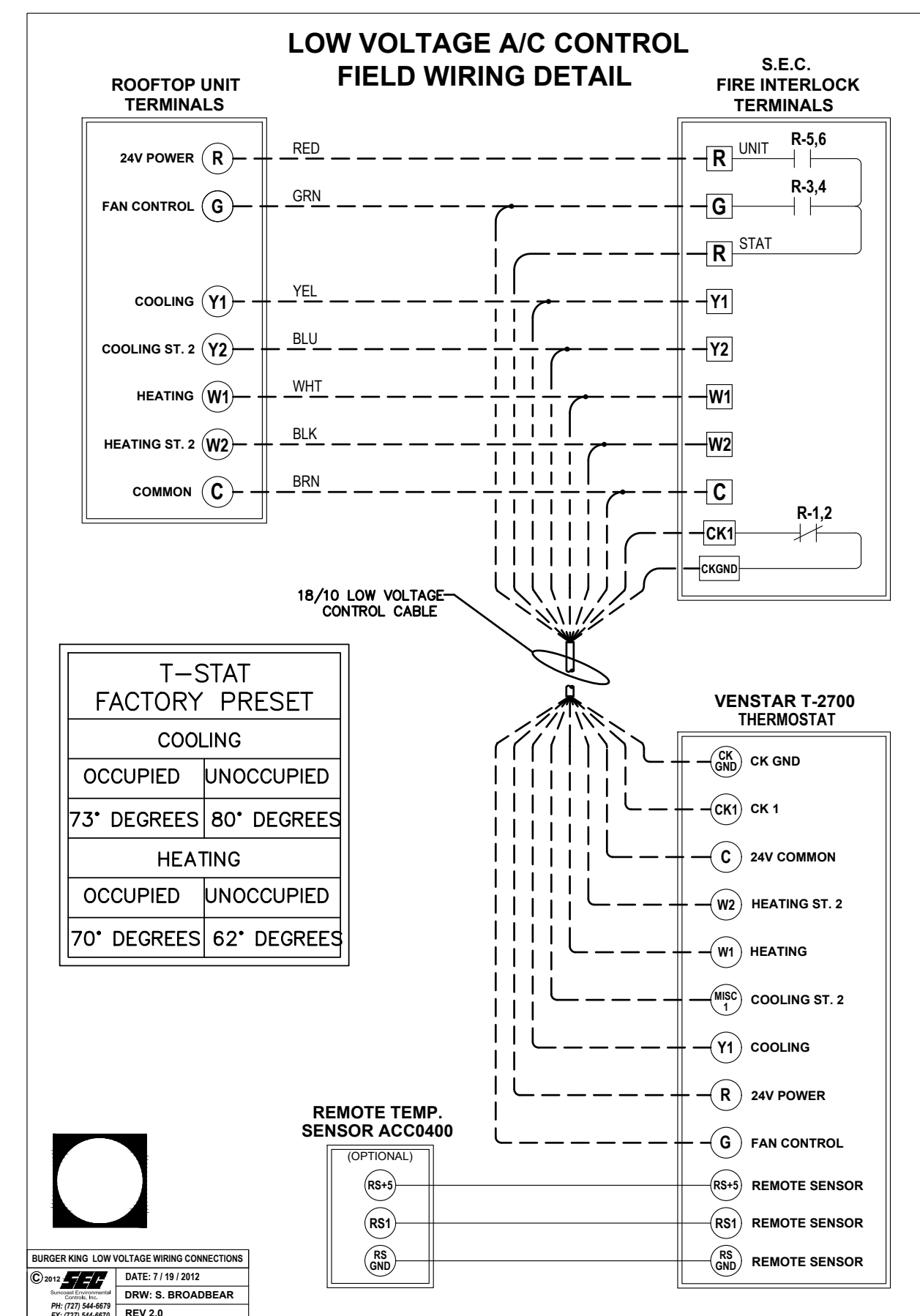
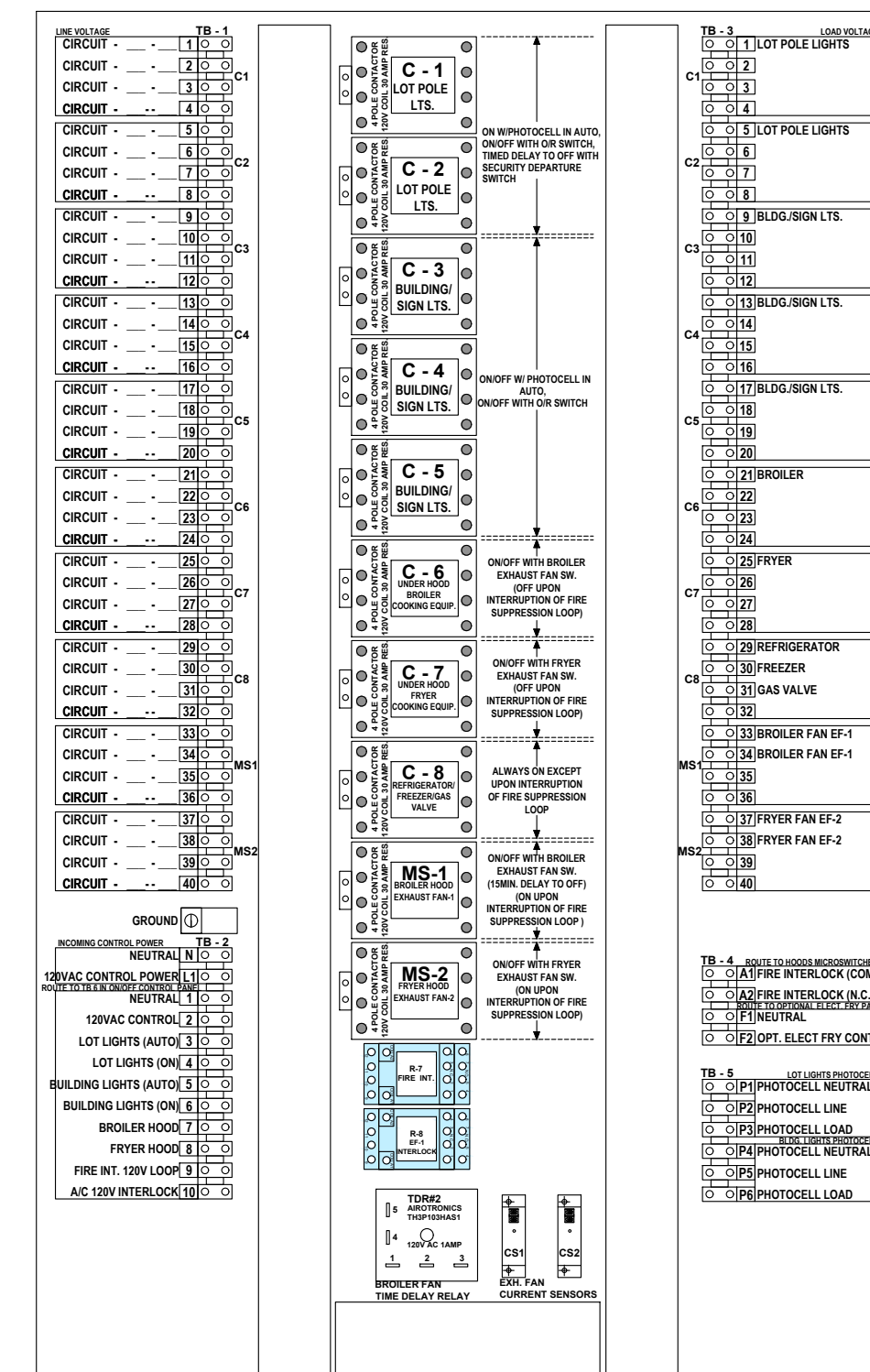
DRAWINGS SHOWN ARE FOR PROTOTYPICAL CONSIDERATIONS ONLY. SITE-SPECIFIC DESIGN IS REQUIRED BY BURGER KING CORPORATION. AS A COURTESY, NCA CONSULTANTS PROVIDES SITE-SPECIFIC DESIGN WITH SITE-SPECIFIC PROFESSIONAL ENGINEER SEAL UNDER AN AGREEMENT BETWEEN NCA CONSULTANTS AND BURGER KING CORPORATION.

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

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

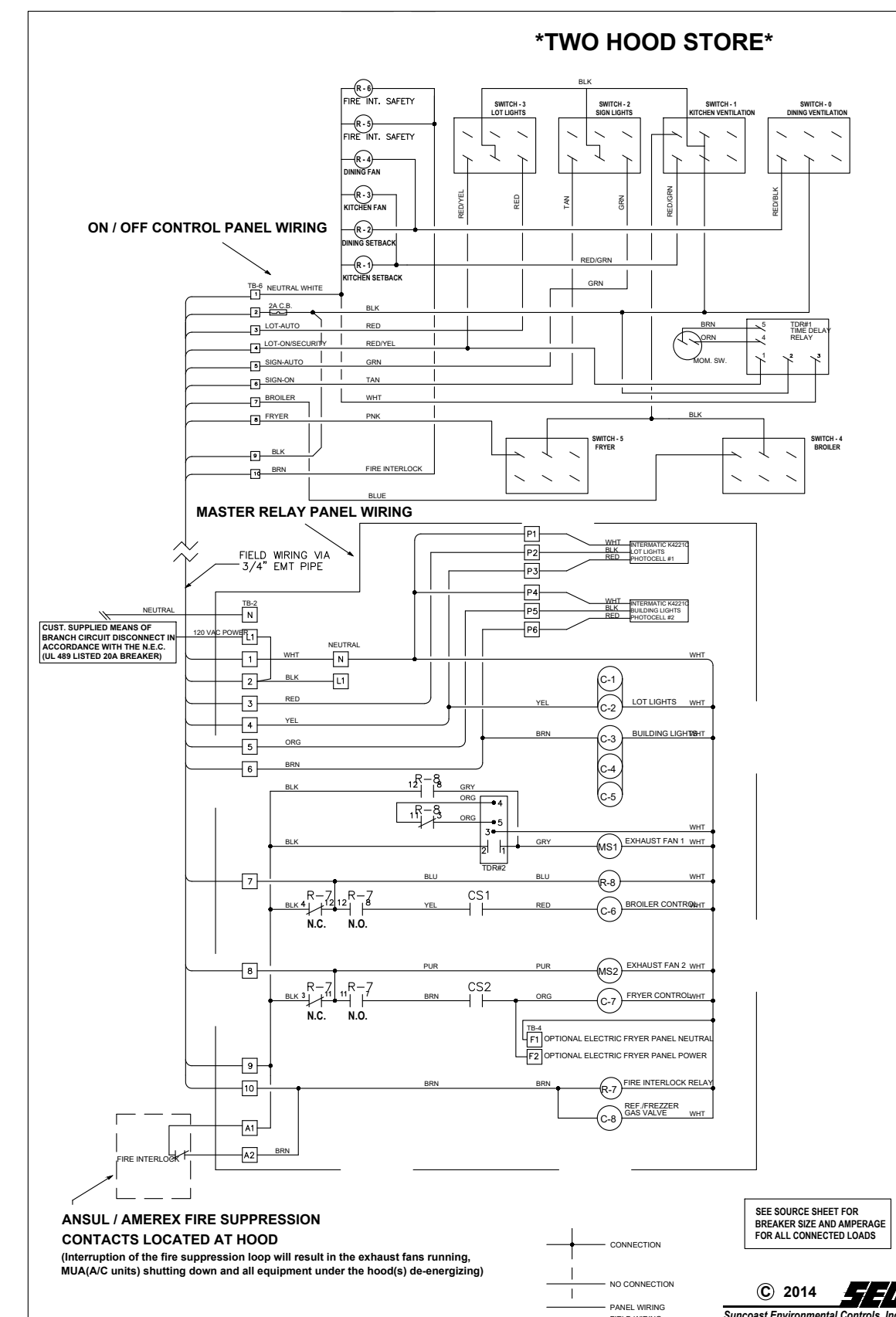
DATE	DESCRIPTION	BY
10-12-18	PROTOTYPE USE ONLY	KM

NOT FOR CONSTRUCTION



ELECTRICAL CONTRACTOR NOTES:

- RUN ONE (10) CONDUCTOR 18 GAUGE THERMOSTAT CABLE FROM THE ROOFTOP AIR CONDITIONING UNIT TO THE "UNOCCUPIED-OCCUPIED" PANEL.
- RUN ONE (10) CONDUCTOR 18 GAUGE THERMOSTAT CABLE FROM THE "UNOCCUPIED-OCCUPIED" PANEL TO THE THERMOSTAT LOCATION.
- RUN ONE (10) CONDUCTOR 18 GAUGE THERMOSTAT CABLE FROM THE ROOFTOP AIR CONDITIONING UNIT TO THE NIGHT SETBACK THERMOSTAT LOCATION. IF NOT CONTROLLED WITH P-374-2100 T-STAT. REFER TO SHEET M-1.
- TERMINATION OF ALL 24 VOLT AIR CONDITIONING CONTROL WIRING SHALL BE DONE BY THE MECHANICAL CONTRACTOR.
- ELECTRICAL CONTRACTOR SHALL RUN LINE VOLTAGE FROM THE CURRENT SENSOR LOCATED IN THE BROILER HOOD EXHAUST FAN TO THE CONTACTOR PANEL LOCATED BY THE SWITCHGEAR.



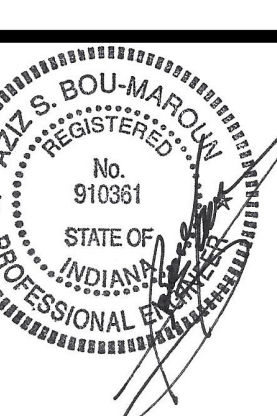
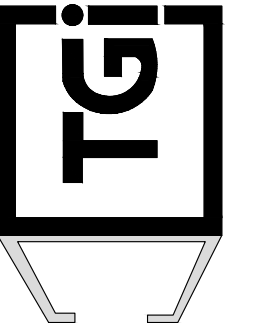
PANEL SCHEMATIC DIAGRAMS

© Copyright 2018- Drawings, specifications, notes, database, computer files, field data, and reports as instruments of service prepared by the Design of Record. As instruments of services, these items remain the property of the Design of Record, who shall retain all statutory and other reserved rights, including the copyright thereto. Any use, reproduction or changes to these documents without written consent of NCA Consultants is a violation of federal copyright laws.

PROJECT	BURGER KING
LOCATION	4400 NAPPANEE ST. ELKART, IN 46514
DATE	10/12/18
NO.	1
DATE	10/12/18
BY	DR
FOR SUBMITTAL TO CITY PLANNING	
Drawn By:	CP
Checked:	SB
Scale:	AS NOTED
Date:	10/21



TECHNICAL GROUP, Inc.
37716 HILLS TECH DRIVE
FARMINGTON HILLS, MI 48333
734.661.4500 FAX 734.661.7004



PROJECT: BURGER KING
4400 NAPPANEE ST. ELKART, IN 46514

SHEET TITLE: MASTER CONTACTOR PANEL

DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

JOB # **TG-21668**

SHEET **E-5**