



BURGER KING #6789

3330 INDIANOLA AVE.
COLUMBUS, OH 43214

No.	By	Date	For
1	JG	11/02/21	FOR SUBMITTAL TO CITY
2	JG	11/03/21	FOR PERMITTING REVIEW
3	JG	12/17/21	FOR SUBMITTAL TO CITY

DRAWN BY: JG
 CHECKED: DB
 SCALE: AS NOTED
 DATE: 09.29.21

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CODE INFORMATION

APPLICABLE CODES:	2017 OHIO BUILDING CODE 2017 NATIONAL ELECTRIC CODE 2017 OHIO PLUMBING CODE 2017 OHIO MECHANICAL CODE 2017 OHIO FIRE CODE ICC ANS I 117.1-2009 2012 INTERNATIONAL ENERGY CONSERVATION CODE ASHRAE 90.1 2010
OCCUPANCY TYPE:	A-2: ASSEMBLY (NON-SPRINKLED)
CONSTRUCTION TYPE:	V-8: WOOD FRAME
PROPOSED OCCUPANCY LOAD CALCULATIONS:	TOTAL AREA OF BUILDING: 3120 SF EXISTING SEAT COUNT: N/A (SCRAPE & REBUILD)
PROPOSED SEAT COUNT:	40
NUMBER OF EMPLOYEES (INCLUDING OWNERS AND MANAGERS):	6
TOTAL:	46

RESTROOM PLUMBING FIXTURES

FROM 2017 OBC, TABLE 2902.1

BUILDING OCCUPANCY CALCULATION (FROM TABLE 1004.1.1):
MAXIMUM OCCUPANTS (GREATEST OF OCCUP. CALCULATION OR SEAT COUNT NUMBERS) = 46

50% MALE AND 50% FEMALE = 46/2 = 23 EACH
23/75 = .31
1 WC EACH RESTROOM. (TABLE 2902.1)
28/200 = .14 = 1 LAV EACH RESTROOM. (TABLE 2902.1)

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

PROJECT DATA

PROJECT LOCATION:	OWNER:	ARCHITECT/ENGINEER:
3330 INDIANOLA AVE. COLUMBUS, OH 43214	AMPLER DEVELOPMENT DAN PEYTON dpeyton@amplergroup.com 513.484.0965	TECHNICAL GROUP INC. 37716 HILLS TECH DR. FARMINGTON HILLS, MI 48331 P: (248) 426-8000

LOCAL AUTHORITIES

DEPARTMENT OF BUILDING SAFETY	HEALTH DEPARTMENT
DEPARTMENT OF BUILDING AND ZONING SERVICES 111 N. FRONT STREET COLUMBUS OH, 43215 P: (614) 645-5661	COLUMBUS PUBLIC HEALTH 240 PARSONS AVE COLUMBUS, OH 43215 P: (614) 645-7417

PARKING CALCULATION

USE	SQURE FOOTAGE	MINIMUM	MAXIMUM
EATING AND DRINKING ESTABLISHMENT W/ PICKUP & SEATING (<5000 sf)	3120 SF	1:175 SF	1:50 SF
		3120 SF = 175 = 17.5 PARKING SPACES (MIN.)	3120 SF = 50 = 62.4 PARKING SPACE (MAX)

SHEET INDEX

SHEET #	SHEET TITLE	SHEET #	SHEET TITLE
T-1	COVER SHEET	DECOR (FOR REFERENCE ONLY) CONTINUED	
T-1.1	RESPONSIBILITY MATRIX	D3.0-D3.1	DECOR ELEVATIONS / DETAILS
CIVIL ENGINEERING		D4.0	REFLECTED CEILING PLAN
-	SITE SURVEY (BY OTHERS)	D5.0	FLOOR TILE PLAN
LS-1	LANDSCAPING PLAN	D6.0	INTERIOR WALL FINISHES
SL-1	SITE LIGHTING	D7.0	G.C. PLAN
C-2	PROPOSED SITE PLAN	D7.1	WAY FINDING SIGNAGE
C-2.1	SITE DETAILS	D8.0-D8.3	DECOR SPECIFICATIONS
C-3	SITE DETAILS	D8.4-D8.5	FINISH SPECIFICATIONS
C-4	SITE ELECTRICAL	D9.0	VERIFICATION PLAN
		EQUIPMENT (FOR REFERENCE ONLY)	
		K-1	KITCHEN LAYOUT
STRUCTURAL		K-2	KITCHEN LAYOUT
S-1	FOUNDATION PLAN	K-3	ELECTRICAL ROUGH-INS
S-1.1	FOUNDATION DETAILS	K-4	PLUMBING ROUGH-INS
S-2	ROOF FRAMING PLAN	MECHANICAL	
S-3	STRUCTURAL NOTES & DETAILS	M-1	HVAC PLAN & SCHEDULES
ARCHITECTURAL		M-2	ROOF HVAC PLAN & DETAILS
A-1	FLOOR PLAN	M-3	BROILER HOOD DRAWINGS
A-1.1	MISCELLANEOUS DETAILS	M-4	HOOD DETAILS
A-2	EXTERIOR ELEVATIONS	M-5	BROILER HOOD DETAILS
A-2.1	EXTERIOR ELEVATIONS AND SCHEDULE		
A-3	BLDG. CROSS-SECTION/INTERIOR ELEV.		
A-3.1	RESTROOM PLANS & ELEVATIONS		
A-4	REFLECTED CEILING PLAN		
A-4.1	REFLECTED CEILING DETAILS	PLUMBING	
A-4.2	REFLECTED CEILING DETAILS	P-1	SANITARY & GREASY WASTE PLAN & RISERS
A-5	ROOF PLAN AND DETAILS	P-2	WATER & GAS PLAN & RISERS
A-6	WALL SECTIONS AND DETAILS	ELECTRICAL	
A-6.1	WALL SECTIONS AND DETAILS	E-1	ELECTRICAL LIGHTING PLAN
A-6.2	WALL SECTIONS & DETAILS	E-1.1	LIGHT FIXTURE SCHEDULE
A-6.3	WALL SECTIONS	E-2	ELECTRICAL POWER PLAN
A-6.4	WALL SECTIONS	E-3	ELECTRICAL PANELS & RISERS
A-7	STOREFRONT, DOOR/WINDOW SCHEDULE	E-4	TECHNOLOGY PLAN
A-8	MANUFACTURERS & SUPPLIERS	E-5	MASTER CONTACTOR PANEL
DECOR (FOR REFERENCE ONLY)			
D0.0	COVER SHEET		
D1.0	SEATING LAYOUT		
D1.1	PRELIMINARY METALWORK LAYOUT		
D2.0-D2.3	INTERIOR BUILDING ELEVATIONS		



PROJECT SCOPE OF WORK

SCRAPE EXISTING BURGER KING AND REBUILD NEW WITH A DOUBLE DRIVE THRU

MODIFICATION OF EXISTING PARKING LOT TO MEET REQUIRED SET BACK OF 10'-0". NEW BUILDING WILL BE MOVED CLOSER TO THE PROPERTY LINE TO MAINTAIN THE 10'-0" SETBACK.

A REQUEST FOR A VARIANCE FOR THE PROPOSED BURGER KING TO NOT COMPLY WITH SECTION 3372.605 .B. THE WIDTH OF A PRINCIPAL BUILDING ALONG A PRIMARY BUILDING FRONTAGE SHALL BE A MINIMUM OF 60% OF THE LOT WIDTH "... OUR LOT WIDTH OF THE ONE PARCEL WITH THE BUILDING ON IT IS 99' - 3"; OUR BUILDING IS 41' - 10" WHICH IS 42%. WE ARE PROPOSING THAT THE BUILDING REMAIN AT 41' - 10" (42% OF LOT WIDTH) SO THAT THERE IS MORE ROOM FOR THE DRIVE-THRU LANE AND THE PARKING ASLE WIDTH. ALSO, THE INCREASE BUILDING FRONTAGE WIDTH WILL ADVERSELY AFFECT THE LAYOUT AND FUNCTIONALITY OF THE BURGER KING.

WE ARE ALSO REQUESTING VARIANCE NOT TO COMPLY WITH SECTION 3372.604 B. "THE MINIMUM SETBACK FOR PARKING LOTS IS FIVE FEET. PARKING LOTS AND ACCESSORY BUILDING SHALL BE LOCATED BEHIND THE PRINCIPAL BUILDING, WHERE ACCESS BEHIND THE PROPERTY IS NOT POSSIBLE FROM A PUBLIC ALLEY OR STREET, UP TO 50% OF THE PARKING MAY BE LOCATED AT THE SIDE OF THE PRINCIPAL BUILDING. " WE HAVE GREATER THAN 50% OF OUR PARKING ON THE SIDE OF THE BUILDING. WE HAVE 77% OF OUR PARKING ON THE SIDE OF THE BUILDING. (TOTAL OF 30 SPACES). WE ARE COMPLYING WITH THE FRONT SETBACK OF MAXIMUM 10.0' " AND ARE ABLE TO PLACE 7 PARKING SPACES IN THE BACK OF THE BUILDING. BECAUSE OF THE SHAPE OF THE LOT AND REQUIRED SPACES FOR THE DRIVE-THRU LANES, WE ARE UNABLE TO PLACE MORE PARKING SPACES AT THE BACK OF THE BUILDING.

NOTES

SANITARY SEWER NOTE:
CONNECTION TO SANITARY SEWER CANNOT BE MADE WITHOUT OBTAINING A PERMIT FROM SEWER PERMIT OFFICE AT 910 DUBLIN RD. 3RD FLOOR. 614-645-7490

SANITARY DEMOLITION NOTE:
PRIOR TO DEMOLITION, A PERMIT FOR SANITARY LATERALS TO BE CAPPED OFF MUST BE OBTAINED FROM 910 DUBLIN RD. 3RD FLOOR. 614-645-7490

RIGHT-OF-WAY ENCROACHMENT NOTE:
NO PRIVATE ELEMENTS ARE PERMITTED TO ENCRORACH INTO THE RIGHT-OF-WAY INCLUDING, BUT NOT LIMITED TO STAIRS, RAILINGS, FOUNDATIONS, DOORS, OVERHEAD ELEMENTS OR WALLS

EXPIRATION NOTE:
DATE OF EXPIRATION: PLAN IS VALID FOR ONE (1) YEAR FROM DATE OF APPROVAL

GENERAL ZONING INFORMATION

ADDRESS	3330 INDIANOLA AVE. COLUMBUS, OH 43214
PARCEL NUMBER	010024287
HEIGHT DISTRICT	H-35
COMMERCIAL OVERLAY	INDIANOLA AVE/ OAKLAND PARK UCO COMMERCIAL OVERLAY
AREA COMMISSION	CLINTONVILLE ARE COMMISSION
TOTAL SITE AREA	.75 ACRES
FLOOD INSURANCE RATE MAP NUMBER (FIRM)	OUT
MOST EFFECTIVE DATE OF FIRM	N/A
BASE FLOOD ELEVATION	N/A

NOTE TO BIDDERS

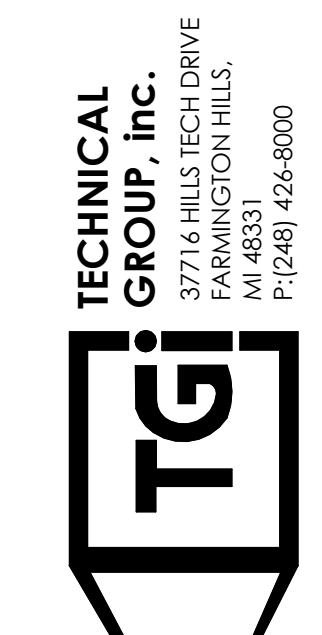
THE "GENERAL CONTRACTOR," ITS "SUBCONTRACTORS," AND "VENDORS" SHALL REVIEW THE PROPOSED SITE FOR BIDDING PURPOSES AND TO FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS OF THE SITE AND PROPOSED SPACE. ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS (DRAWINGS) AND EXISTING CONDITIONS SHALL BE 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.

EXISTING CONDITIONS / FIELD VERIFICATION

IN AS MUCH AS THE ADAPTATION OF AN EXISTING STRUCTURE REQUIRES THAT CERTAIN ASSUMPTIONS BE MADE REGARDING EXISTING CONDITIONS, AND BECAUSE SOME OF THESE ASSUMPTIONS MAY NOT BE VERIFIABLE WITHOUT EXPENDING ADDITIONAL SUMS OF MONEY OR DESTROYING OTHERWISE ADEQUATE SERVICEABLE PORTIONS OF THE STRUCTURE, THE CLIENT AGREES TO HOLD HARMLESS AND INDEMNIFY DESIGN PROFESSIONALS FOR ALL CLAIMS, COSTS, LOSSES, AND EXPENSES ARISING OR ALLEGEDLY ARISING FROM THE DISCOVERY OF CONCEALED OR UNKNOWN CONDITIONS IN THE EXISTING STRUCTURE OR FROM ANY DEFICIENCIES OR INACCURACIES IN ANY INFORMATION OR DOCUMENTATION FURNISHED TO THE DESIGN PROFESSIONAL BY THE CLIENT, AND TO PAY DESIGN PROFESSIONALS FOR ADDITIONAL SERVICES RESULTING THEREFROM.

IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL ASPECTS CONTAINED WITHIN THE SCOPE OF WORK AS SET FORTH BY THESE DOCUMENTS. ANY DISCREPANCIES FOUND ARE TO BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONALS PRIOR TO COMMENCEMENT OF WORK.

IF THERE IS AN EXISTING SPRINKLER SYSTEM MODIFICATIONS WILL NEED TO BE FIELD VERIFIED AND DRAWINGS WILL NEED TO BE SUBMITTED AND PERMITTED BY A SEPARATE SPRINKLER CONTRACTOR.





PROJECT
3330 INDIANOLA AVE.
COLUMBUS, OH 43214

SHEET TITLE
COVER SHEET

JOB#
TG-21666

SHEET
T-1

		OWNER / GC "NEW RESTAURANT" DUTIES				
		Project Name: General Contractor: Architect: Civil Engineer: Sign Contractor:				
BUILDING SIGNAGE		OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	COMMENTS
	BK "Button" Logos (2-3 total)	X			X	
	BK Flame Grilling 1954 at Entry	X			X	
	Building Canopies	X			X	
	Address Numbers			X	X	
	Flag Pole			X	X	
	All Exterior Merchandising	X			X	
						Allen Ind Providing/ Local Sign Co Install w/ GC allowance Allen Ind Providing/ Local Sign Co Install w/ GC allowance Allen Providing/ Local Sign Co Install w/ GC allowance
						Only applicable if noted on plans
SITE SIGNAGE		OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	COMMENTS
	Parking Lot Lighting			X	X	
	BK High Rise Pylon / Monument Sign & Reader Boards	X			X	
						Allen Providing/ Local Sign Co Install - GC TO PAINT
BUILDING EXTERIOR LIGHTS		OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	COMMENTS
	All Exterior Lighting on Building	X		X	X	
	Red Light Band			X	X	
						Allen Ind Providing/ Local Sign Co Install w/ GC allowance
BUILDING INTERIOR LIGHTS		OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	COMMENTS
	All Interior FOH & BOH Light Fixtures			X	X	
DRIVE THRU		OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	COMMENTS
	Drive Thru Detector Loops	X			X	
	Drive Thru Clearance Bar	X			X	
	Order Confirmation Unit (OCU) Canopy	X			X	
	Drive Thru Digital Menu & Digital Presell Boards	X	X		X	
	Conduit / Data / Cabling for Menu & Presell Boards			X	X	
	Drive Thru Menu & Presell Board Footings			X	X	
	Bollard Poles at Building			X	X	
	Drive Thru Windows			X	X	
						GC to purchase thru BKC vendor if approved by owner
WALK IN COOLER/ FREEZER		OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	COMMENTS
	Walk In Cooler/ Freezer/ Curbs	X			X	
	Walk In Light Fixtures	X			X	
	Condensate Lines			X	X	
	Start Up			X	X	
EXHAUST HOODS /FANS		OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	COMMENTS
	All Kitchen Hoods (2)	X			X	
	Ansel System Start Up & Test	X	X		X	
	Grease Ducts / Fire Wrap			X	X	
	Bathroom Exhaust Fans			X	X	
						owner to furnish, local installer to install ansul - GC to coordinate timing of testing
PLUMBING & ACCESSORIES		OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	COMMENTS
	Grab Bars			X	X	
	Mirrors (2)			X	X	
	Paper Towel Dispenser (4)			X	X	
	Soap / Sanitizer Dispenser (4)			X	X	
	TP Dispensers (2)			X	X	
	Sanitary Napkin Disposal (1)			X	X	
	Recessed Waste Baskets (2)			X	X	
	Map Sink Station			X	X	
	Hot Water Heater			X	X	
	Toilets (2) and Urinal (1)			X	X	
	Sinks (2)			X	X	
	Back Flow Prevention for Ice Machines / Drink Stations			X	X	
	All other Misc Plumbing Accessories			X	X	
	Baby Changing Stations			X	X	
						GC to install Baby Changing stations after opening
INTERIOR MENU BOARDS		OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	COMMENTS
	Interior Digital Menu Boards (DMB)	X	X			
						Sicom to install DMBs / GC to provide electric & data rough in
STAINLESS STEEL ITEMS		OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	COMMENTS
	Kitchen Stainless Steel Corner Guards			X	X	
	Wall Panels Behind Hoods			X	X	
	Misc Steel			X	X	
EQUIPMENT		OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	COMMENTS
	Cooking Equipment	X			X	
	Equipment Start Up				X	
	Permanent Office Shelving/ & Work Stations	X			X	
	3 Comp Sink w/ Faucets (1 ea)	X			X	
	1 Comp Prep Sink w/ Faucet (1 ea)	X			X	
	Hand Sinks w/ Faucets & Foot Pedals (2 ea)	X			X	
	Food Prep Items	X			X	
	Serving & Drive Thru Items	X			X	
	Small Ware Package	X			X	
	Ice Machine Start Ups	X			X	
	Ice Machine Lines			X	X	
	POS Systems	X	X			
	Drive Thru Director	X	X			
						Wayne to install POS Wayne to install DTD (EXCEPT LOOPS)
SEATING & DÉCOR		OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	COMMENTS
	Install Décor Package (Below)	X			X	
	Booths, Tables & Chairs	X			X	
	Divider & Half Walls	X			X	
	Cabinets & Drink Station	X			X	
	Service Counter Top	X			X	
	Wall Graphics	X			X	
	Ceiling Soffits			X	X	
	Core Drilling for Booths & Tables			X	X	
						Owner Décor Package Owner Décor Package Owner Décor Package Provided by H&K Owner Décor Package Moss or APA Graphic Package
DINING & RESTROOM FINISHES		OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	COMMENTS
	Dining Room Wainscot	X			X	
	Window Sills	X			X	
	Chair Rail	X			X	
	Dining & Restroom Floor Tile & Base			X	X	
	Restroom Wall Tile			X	X	
	Kitchen Floor Tile & Base			X	X	
	Wall Tile Behind Front Counter			X	X	
	Wall Tile Behind Drink Station			X	X	
	Queue Rail (when applicable)	X			X	
						See approved vendors on finish schedule See approved vendors on finish schedule See approved vendors on finish schedule See approved vendors on finish schedule See approved vendors on finish schedule See approved vendors on finish schedule See approved vendors on finish schedule See approved vendors on finish schedule Confirm w/ owner on Queue rail install
I.T. & OTHER TECH		OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	COMMENTS
	Security Camera System	X	X			
	Security monitor/brackets	X			X	
	Burgular Alarm System	X	X			
	Music System	X	X			
	TV System / Brackets	X			X	
	Internet / Telephone System	X	X			
	cottage & Termination (POS, DMBS, Office, Timers, Headsets, Drink Station etc)	X	X			
						GC to prepare rough in for installers
MISCELLANEOUS		OWNER PROVIDED	OWNER INSTALL	GC PROVIDED	GC INSTALLED	COMMENTS
	Fire Extinguishers			X	X	

NO.	DATE	BY	REVISION
1	10.02.21	RT	FOR BIRMINGHAM CITY
2	11.30.21	RT	FOR PLANNING DEPT
3			
4			
5			
6			
7			
8			
9			
10			

DRAWN BY: RT
CHECKED: DB
SCALE: AS NOTED
DATE: 09.22.21

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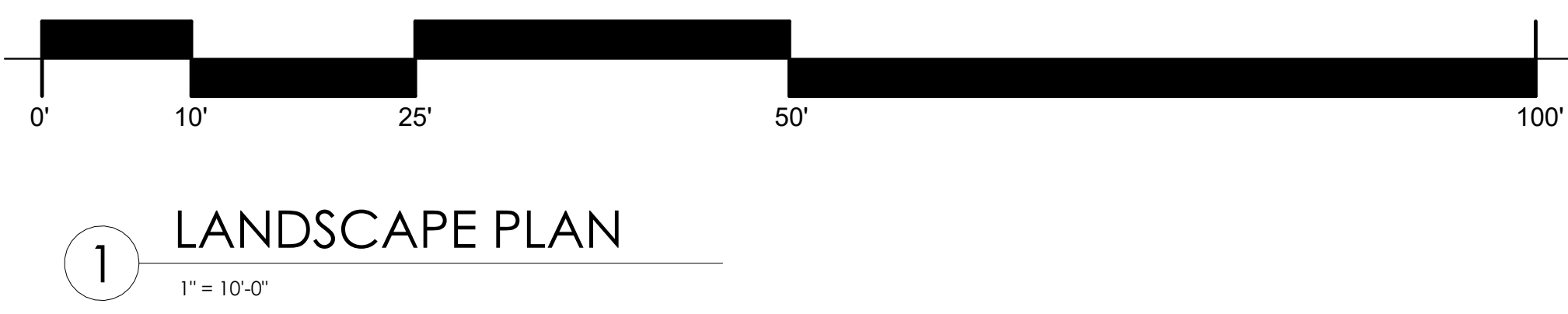
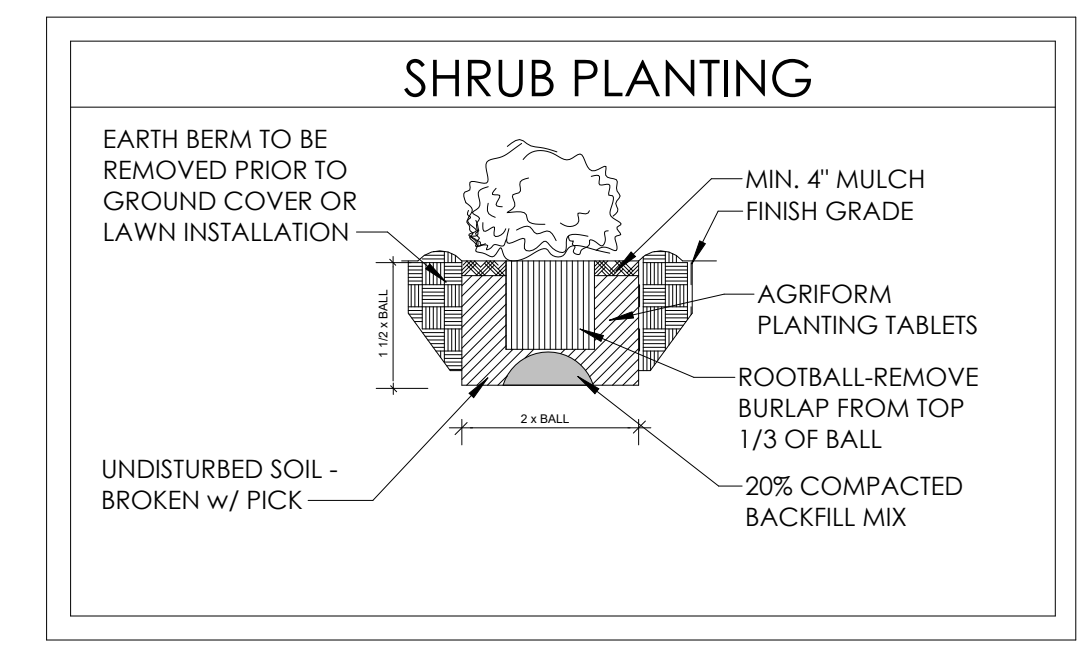
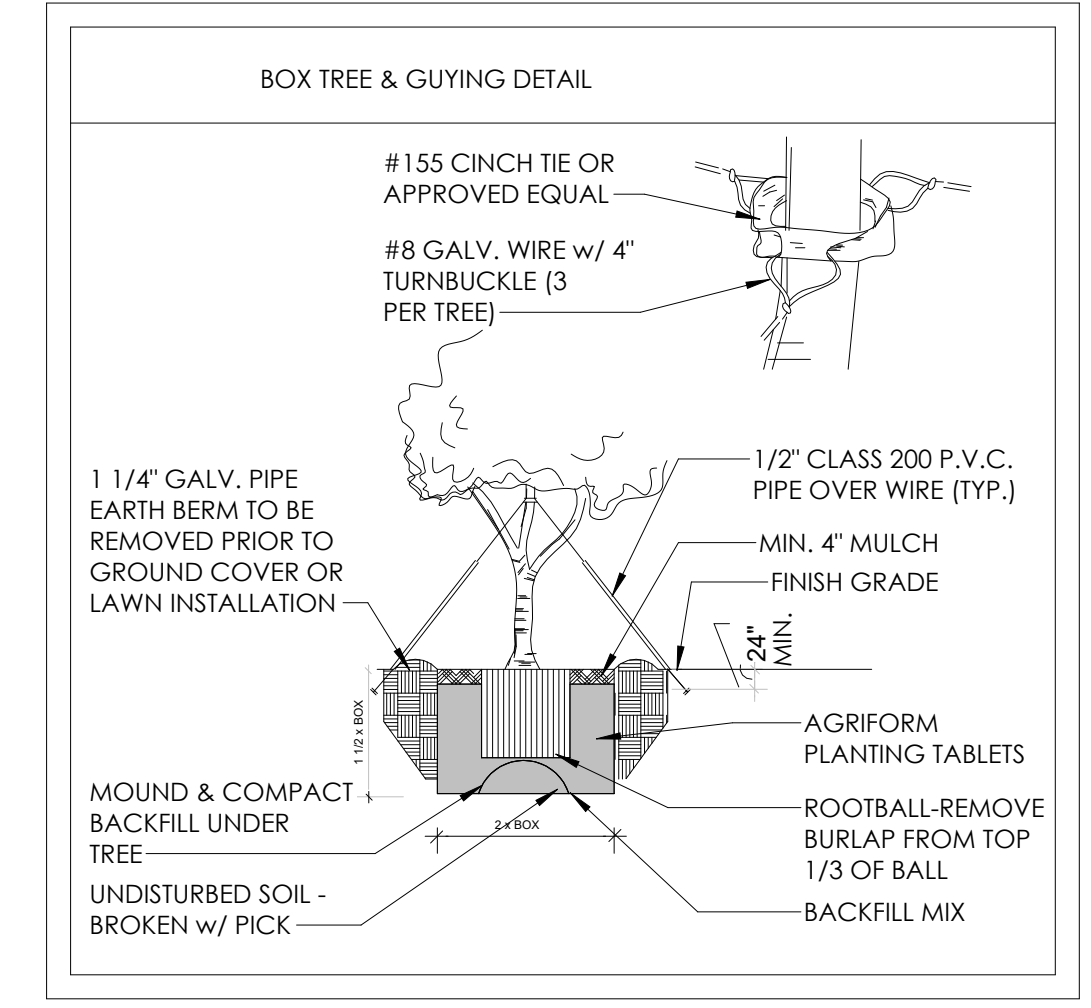
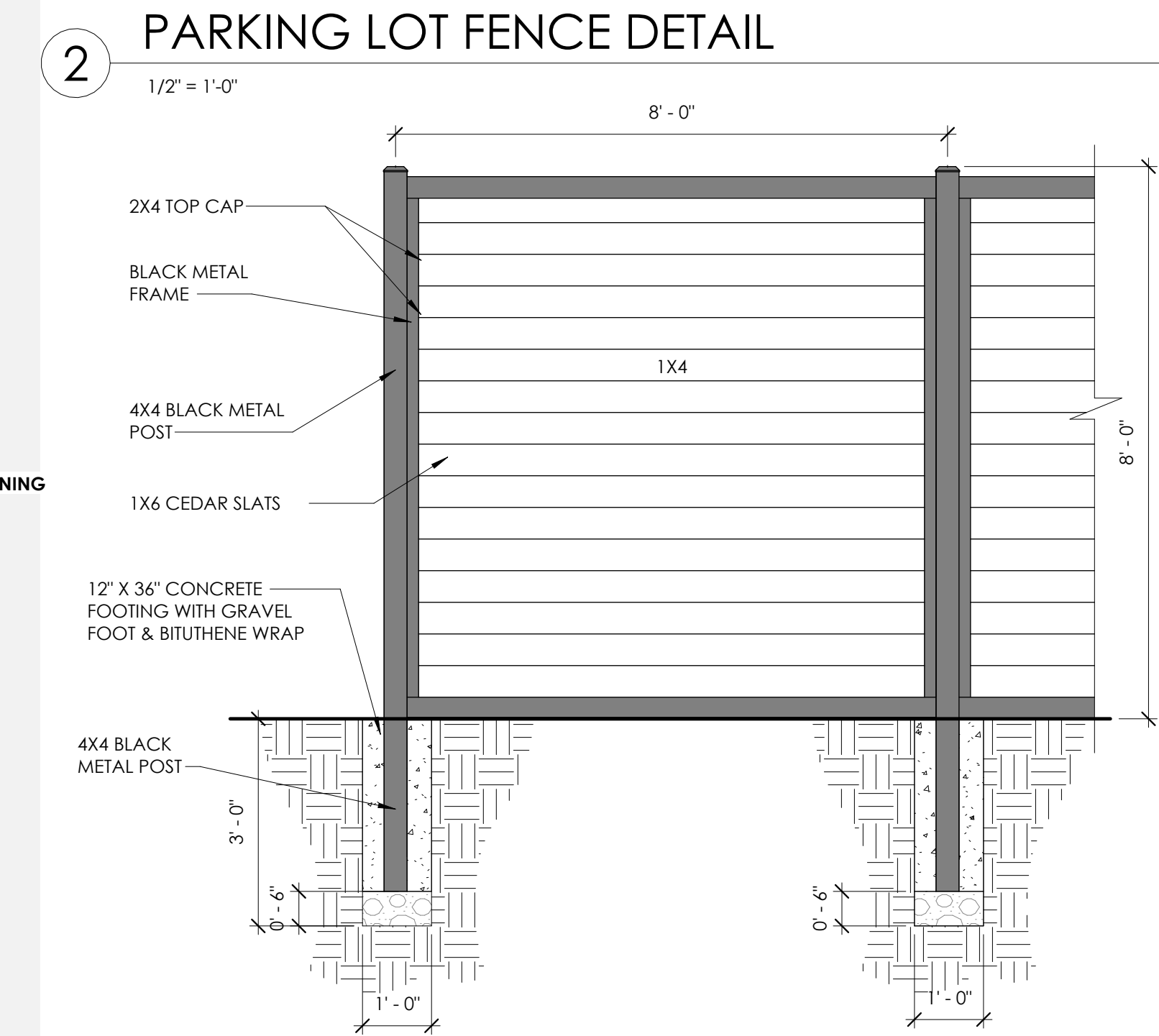
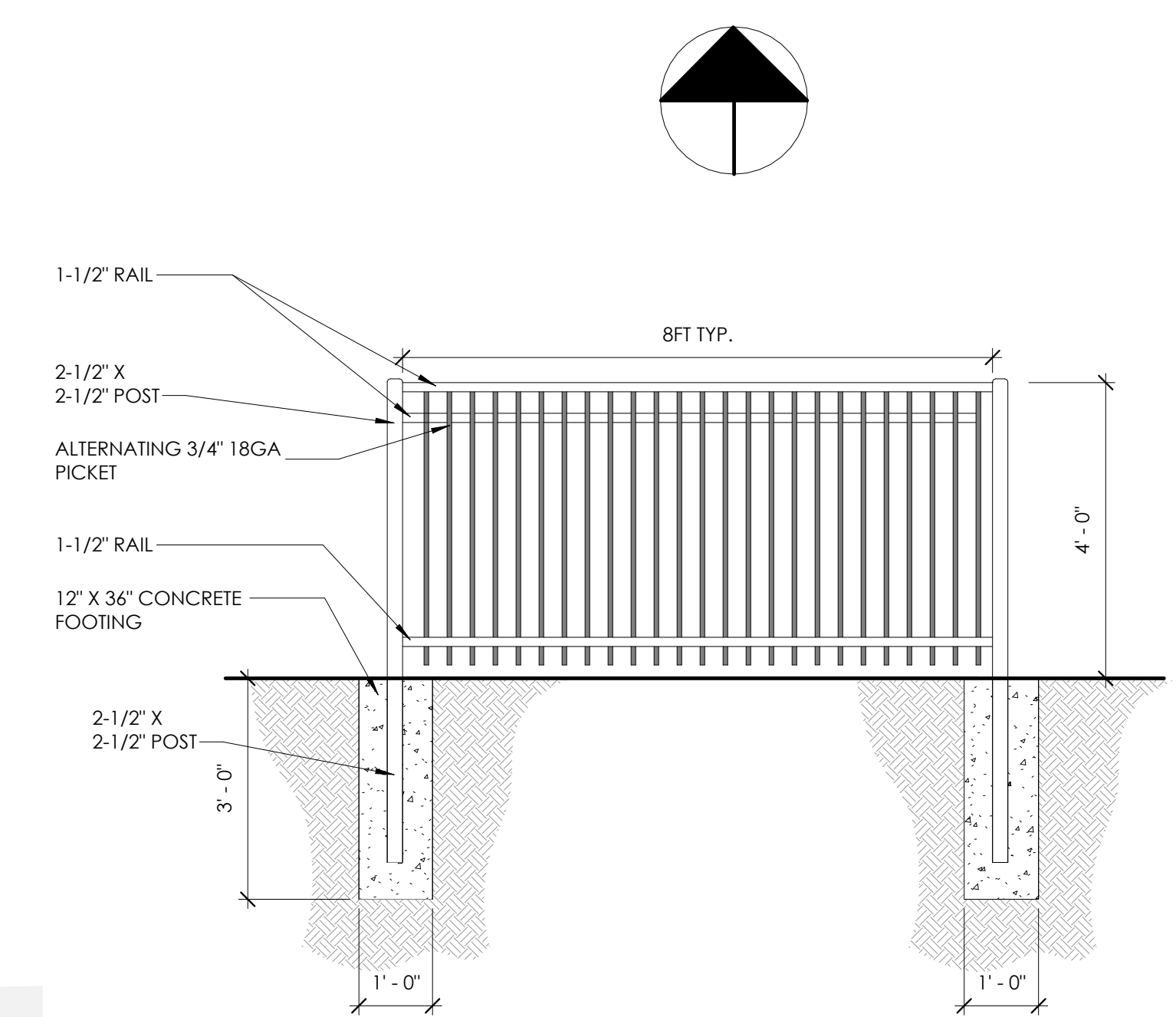
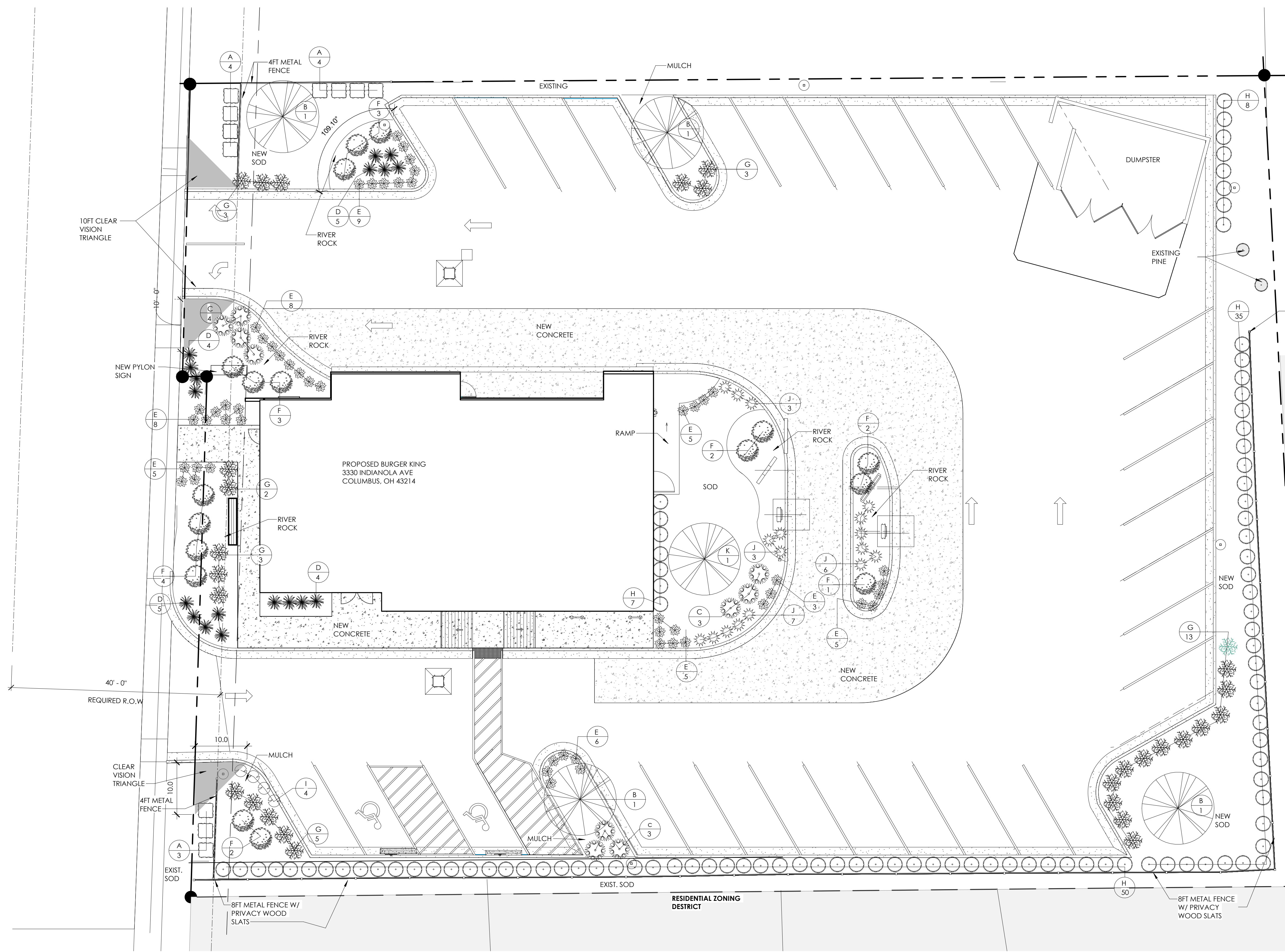

PROJECT
3330 INDIANOLA AVE.
COLUMBUS, OH 43214

SHEET TITLE
RESPONSIBILITY MATRIX

DO NOT SCALE THIS
PRINT. USE FIGURED
DIMENSIONS ONLY.

JOB#
TG-21666

SHEET
T-1.1



1 LANDSCAPE PLAN
1" = 10'-0"

PROPOSED SCOPE OF WORK

- INSTALL NEW FULL LANDSCAPE UPGRADE.
- USE #3 RIVER ROCK IN PLANTING BEDS NEAR BUILDING.
- USE MULCH PLANTING BEDS WHERE NOTED.
- INSTALL SPRINKLERS.
- INSTALL NEW SOD WHERE INDICATED.

KEY	QTY	BOTANICAL NAME	COMMON NAME	MATURE SIZE		TYPE
				HEIGHT	SPREAD	
A	11	BUXUS MICROPHYLLA KOREANA	KOREAN BOXWOOD	3'-4"	3'-4"	POT
B	4	ACER GINNALA	AMUR MAPLE	15'-20"	15'-25"	POT
C	10	HYDRANGEA MICROPHYLLA BAILMER	HYDRANGEA ENDLESS SUMMER	3'-5"	3'-5"	POT
D	22	PENNISETUM ALOPECUROIDES 'LITTLE BUNNY'	LITTLE BUNNY FOUNTAIN GRASS	3'-5"	2'-5"	POT
E	54	HOSTA SPECIES	HOSTA	24"-30"	24"-30"	POT
F	17	BERBERIS THUNBERGI	BARBERRY CRIMSON PYGMY	2'-3"	2'-3"	GAL
G	29	HEMEROCALLIS 'PARDON ME'	PURPLE FLOWERING DAYLILY	3'-4"	3'-4"	POT
H	100	THUJA OCCIDENTALIS	ARBORVITAE-PYRAMIDALIS	12'-25"	3'-6"	POT
I	4	SPIREA JAPONICA	GOLDEN SPIREA	2'-3"	2'-3"	POT
J	16	LAVANDULA ANGIUSTIFOLIA 'HIDCOTE'	ENGLISH LAVENDER	24"-30"	24"-30"	POT
K	1	FLOWERING DOGWOOD	DOGWOOD	15'-30"	15'-25"	POT

LANDSCAPE NOTES

PROPOSED LANDSCAPE

- 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 COLUMBUS.
- 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; THE CERTIFICATE IS ISSUED DURING THE OCTOBER 1 - MARCH 31 PERIOD; PLANTING SHALL BE COMPLETED NO LATER THAN THE ENDING MAY 31; PLANTINGS SHALL THEREAFTER BE REASONABLY MAINTAINED, INCLUDING PERMANENCE AND HEALTH OF PLANT MATERIALS TO PROVIDE A SCREEN TO ADJUTING PROPERTIES AND INCLUDING THE ABSENCE OF WEEDS AND REFUSE.
- ALL PLANTING BEDS TO BE FILLED WITH FOUR INCHES (4") 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 SIX INCHES (6") DEEP, (HARDWOOD - NATURAL DARK BROWN).
- TOPSOIL SHALL BE FERTILE, FRIABLE, AND REPRESENTATIVE OF PRODUCTIVE SOIL, CAPABLE OF SUSTAINING VIGOROUS PLANT GROWTH AND SHALL BE DARK ORGANIC NATURAL SURFACE SOIL, EXCLUSIVE OF PEAT, MUCK, AND/OR DARK BROWN OR BLACK LOAM, CLAY LOAM, SILT LOAM, OR SANDY LOAM.
- REQUIRED LANDSCAPE MATERIAL SHALL SATISFY AMERICAN ASSOCIATION OF NURSERYMAN STANDARDS AND BE:

MATERIALS:

- * PLANT MATERIAL SIZES (MINIMUM)
- EVERGREEN TREES..... 6' MIN. HEIGHT
- DECIDUOUS TREES..... 2 1/2" CALIPER
- SMALL DECIDUOUS TREES..... 1-3/4" 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 MISS DIG 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.
- THE INSTALLATION OF SPRINKLERS ARE REQUIRED TO ENSURE THE MAINTENANCE OF ALL LANDSCAPING LOCATED IN PERMANENTLY IMPROVED FRONT YARDS.
- G.C. TO PROVIDE IRRIGATION. IRRIGATION TO BE DESIGNED BY OTHER, RAIN SENSOR & TIMER AS PART OF SPRINKLER SYSTEM DESIGN.

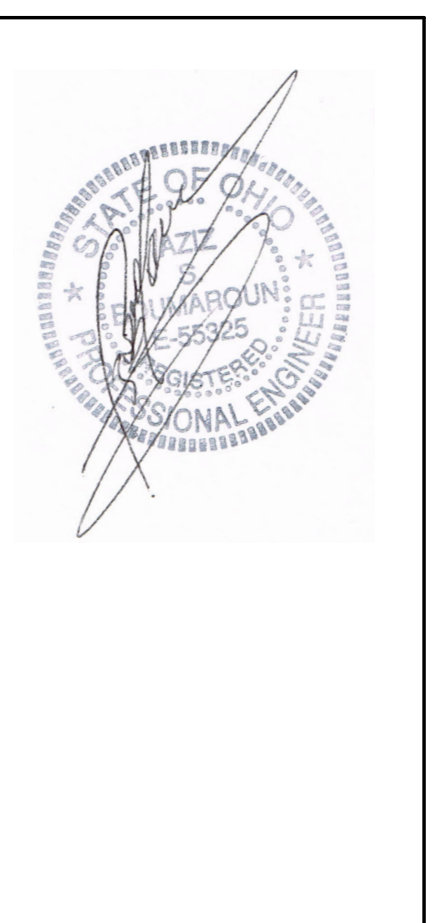
NO.	DATE	BY	REVISION
1	10.02.21	BT	FOR EMPHATIC CITY
2	11.30.21	BT	FOR PLANNING DEPT
3	11.30.21	BT	FOR PLANNING DEPT

DRAWN BY: RT
CHECKED: DB
SCALE: AS NOTED
DATE: 09.22.21

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TECHNICAL GROUP, Inc.
10000 WASHINGTON HILLS, WY 80533
P: (303) 426-8000
F: (303) 426-7004



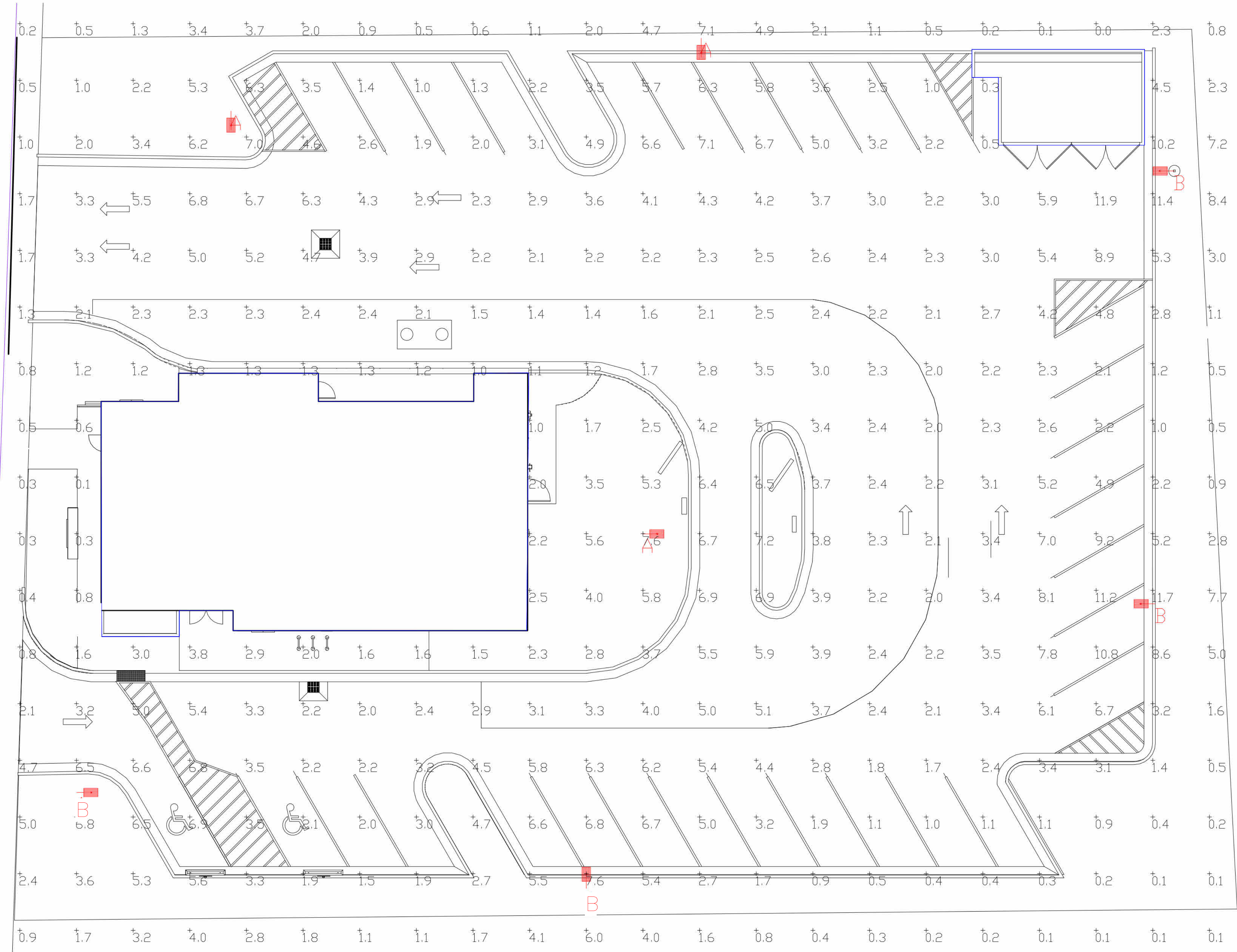
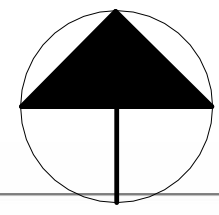
PROJECT
3330 INDIANOLA AVE.
COLUMBUS, OH 43214

SHEET TITLE
LANDSCAPING PLAN

JOB#
TG-21666

SHEET
LS-1

DO NOT SCALE THIS SHEET. USE FIGURED DIMENSIONS ONLY.



Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CALCULATION POINTS@ GRADE	Illuminance	Fc	3.21	11.9	0.0	N.A.	N.A.
PARKING & DRIVING SUMMARY	Illuminance	Fc	3.83	11.9	1.0	3.83	11.90

Symbol	Qty	Label	Arrangement	Description	LLD	LDD	LLF	Arr. Lum. Lumens	Arr. Watts
[Symbol A]	3	A	SINGLE	SLM-LED-18L-SIL-FT-50-70CRI-SINGLE-16' POLE+2' BASE	1,000	1,000	1,000	18904	135
[Symbol B]	4	B	SINGLE	SLM-LED-18L-SIL-FT-50-70CRI-SINGLE-12' POLE+2' BASE	1,000	1,000	1,000	18904	135

**PHOTOMETRIC EVALUATION
NOT FOR CONSTRUCTION**

Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine the applicability of the layout to existing or future field conditions.

This lighting plan represents illumination levels calculated from laboratory data taken under controlled conditions in accordance with the Illuminating Engineering Society (IES) approved methods. Actual performance of any manufacturer's luminaires may vary due to changes in electrical voltage, tolerance in lamps/LED's and other variable field conditions. Calculations do not include obstructions such as buildings, curbs, landscaping, or any other architectural elements unless noted. Fixture nomenclature noted does not include mounting hardware or poles. This drawing is for photometric evaluation purposes only and should not be used as a construction document or as a final document for ordering product.

Total Project Watts
Total Watts = 945

LIGHTING PROPOSAL LD-154538-1
 BURGER KING
 3330 INDIANOLA AVE
 COLUMBUS, OH
 BY: [Signature] DATE: 9/28/21 REV: 11/29/21 SHEET 1 OF 1
 SCALE: 1"=10'

NO.	DATE	BY	REVISION
1	11.23.21	RT	FOR PERMITS
2	11.30.21	RT	FOR PERMITS

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 1000 W. WASHINGTON AVE
 FARMINGTON HILLS, MI 48333
 P: (248) 425-8000
 F: (248) 425-7004



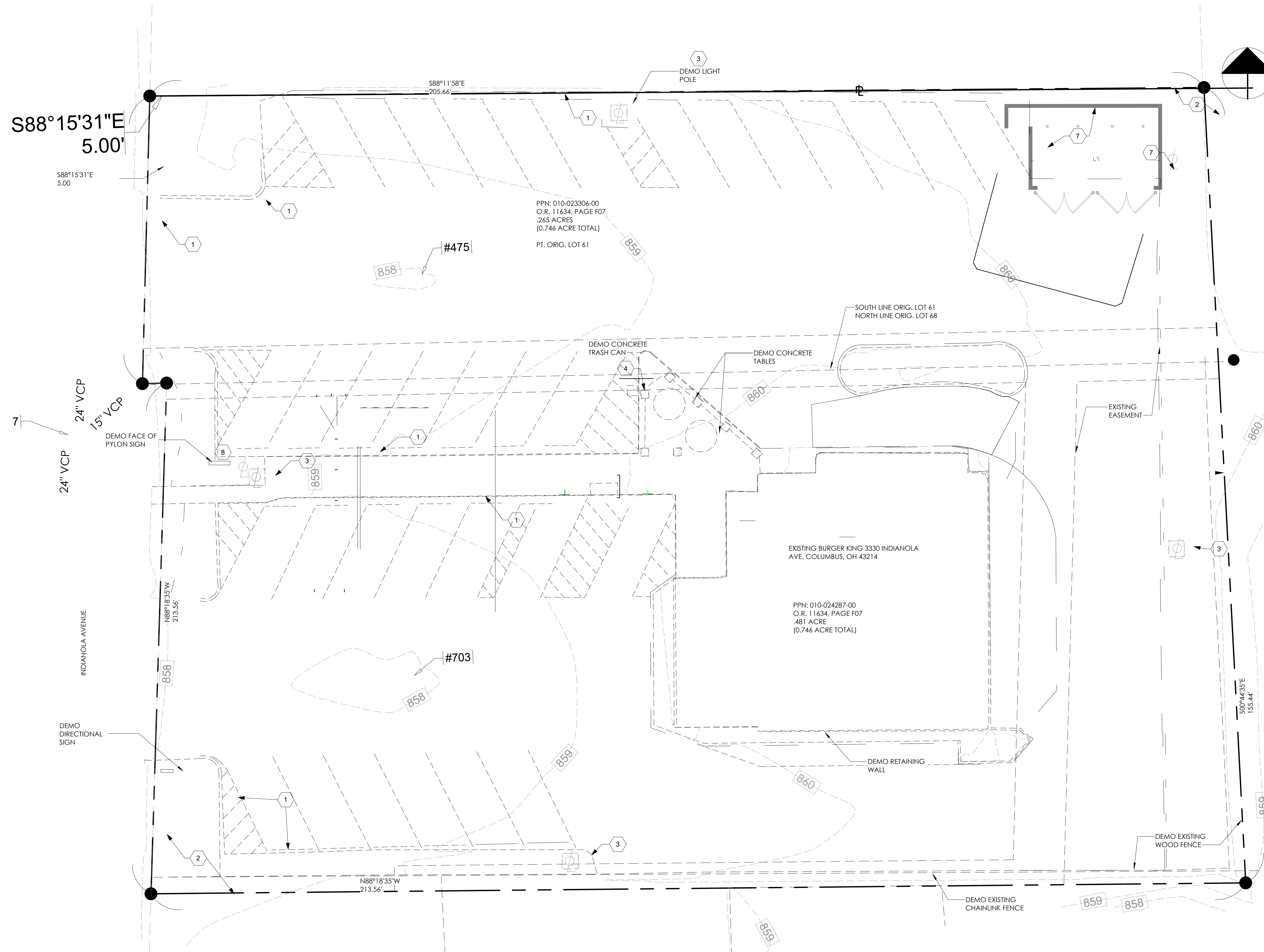
PROJECT
 3330 INDIANOLA AVE.
 COLUMBUS, OH 43214

SHEET TITLE
 SITE LIGHTING

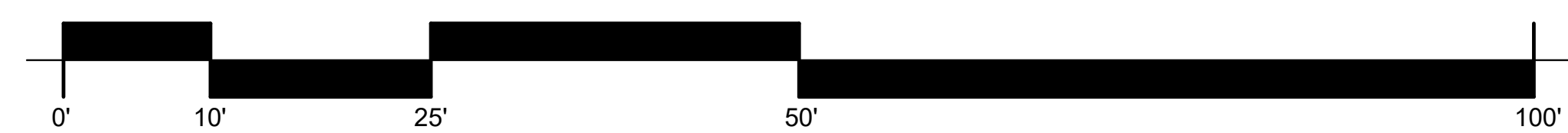
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 PRINT. USE FIGURED
 DIMENSIONS ONLY.

JOB#
 TG-21666

SHEET
SL-1



1 DEMO SITE PLAN
1:10



SITE AREA

TOTAL SITE AREA:	0.75 ACRES
BUILDING AREA:	3120 S.F.
NUMBER OF PARKING SPACES:	33
NUMBER OF HANDICAP SPACES:	2 (1 VAN ACCESSIBLE)



Know what's below.
Call before you dig.

DEMO SCOPE OF WORK

1. DEMO CURBS AND GUTTERS AS SHOWN
2. PROVIDE SILT FENCE AROUND PROPERTY
3. DEMO LIGHT FIXTURES, INCLUDING POLE LIGHTS; POLES AND BASE TO REMAIN
4. DEMO TRASH CONTAINERS
5. DEMO EXISTING BUILDING & CONCRETE WALK AROUND IT
6. DEMO BOARDS, OCLUS AND CLEARANCE SIGNS
7. DEMO WALL OF TRASH ENCLOSURE, GATES ADN HARDWARE
8. DEMO PYLON SIGNS CABINET, POLE TO REMAIN
9. DEMO SOIL IN AREA AS SHOWN
10. DEMO DIRECTIONAL SIGNS

NO.	DATE	BY	REVISION
1	11.03.21	RT	FOR SUBMITAL TO CITY
2	11.30.21	RT	FOR PLANNING DEPT

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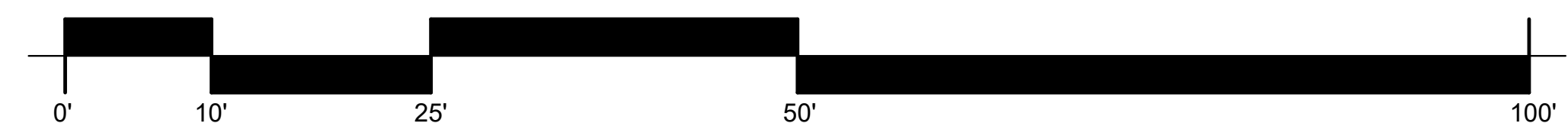
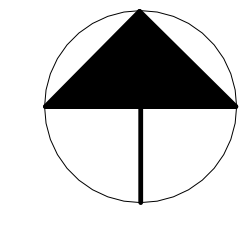
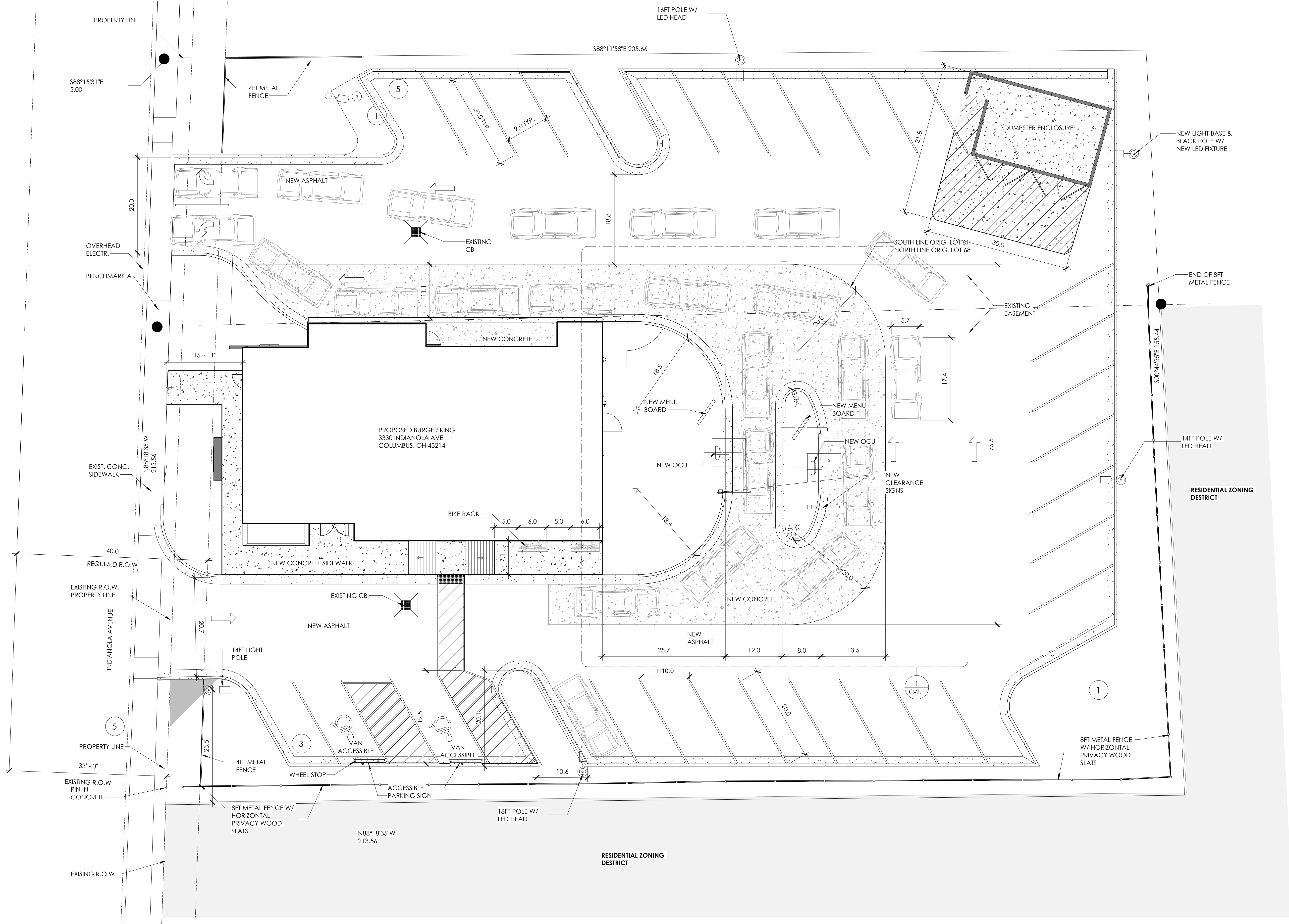
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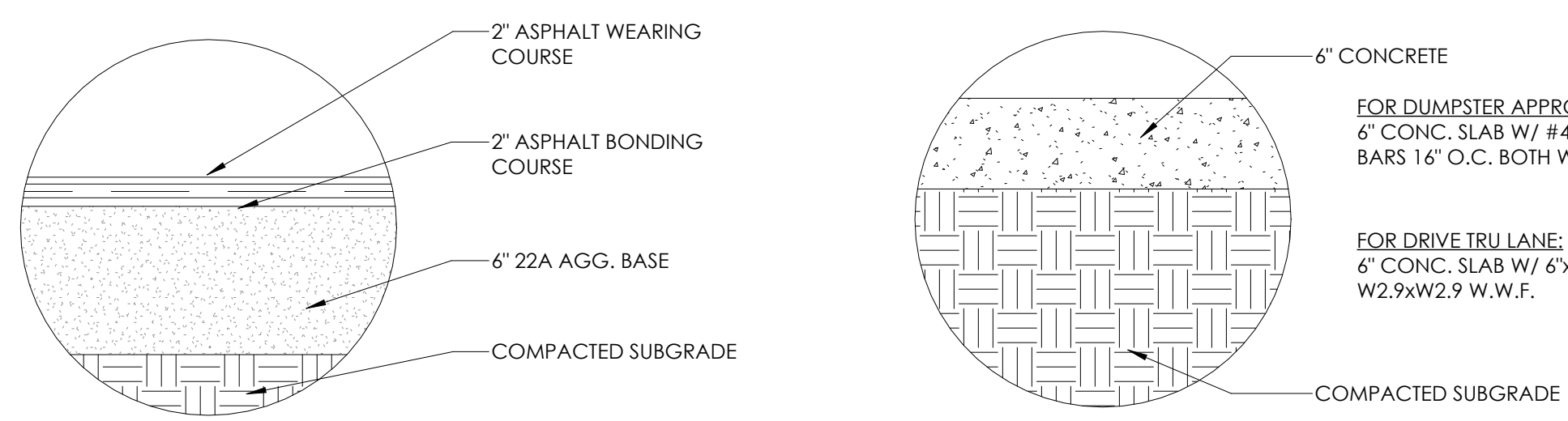
TECHNICAL GROUP, Inc.
 1000 W. WASHINGTON AVE.
 FARMINGTON HILLS, MI 48333
 P: (248) 425-8000
 F: (248) 425-7004



PROJECT	3330 INDIANOLA AVE, COLUMBUS, OH 43214
SHEET TITLE	DEMO SITE PLAN
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.	
JOB#	TG-21666
SHEET	C-1



1 SITE PLAN
1" = 10'-0"



2 ASPHALT PAVING/CONCRETE DETAIL
N.T.S.



PARKING CALCULATION CODE

MINIMUM PARKING SPACES REQUIRED (<5000 SF)	1:175 SF
MAXIMUM PARKING SPACES REQUIRED (<5000 SF)	1:505F
3120 SF ÷ 175 = 17.3 PARKING SPACES (MIN.)	
3120 SF ÷ 50 = 62.4 PARKING SPACE (MAX)	

SITE AREA

TOTAL SITE AREA:	0.75 ACRES
BUILDING AREA:	3120 S.F.
NUMBER OF PARKING SPACES:	29
NUMBER OF HANDICAP SPACES:	2 (1 VAN ACCESSIBLE)

- GENERAL SIGNAGE NOTES**
- SIGN INSTALLER RESPONSIBILITIES:
1. PROVIDE ALL DRAWING 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.

GENERAL ZONING INFORMATION

ADDRESS	3330 INDIANOLA AVE, COLUMBUS, OH 43214
PARCEL NUMBER	010024287
HEIGHT DISTRICT	H-35
COMMERCIAL OVERLAY	INDIANOLA AVE/ OAKLAND PARK UCO COMMERCIAL OVERLAY
AREA COMMISSION	CLINTONVILLE ARE COMMISSION
TOTAL SITE AREA	.75 ACRES
FLOOD INSURANCE RATE MAP NUMBER (FIRM)	OUT
MOST EFFECTIVE DATE OF FIRM	N/A
BASE FLOOD ELEVATION	N/A

- PROPOSED SCOPE OF WORK**
1. INSTALL NEW CURBS AND GUTTER AS PER PLAN
 2. INSTALL NEW CONCRETE DRIVELANE AND DUMPSTER APPROACH APRON
 3. INSTALL NEW CONCRETE SIDEWALKS AS PER PLAN
 4. INSTALL NEW MENU BOARDS OCUS AND CLEARANCE SIGNS.
 5. INSTALL NEW LANDSCAPE AREAS; SEE LS-1.
 6. INSTALL ADA RAMPS AND CONNECT SIDEWALK TO CITY SIDEWALK.
 7. INSTALL NEW BLACK LIGHT POLES WITH LED HEADS
 8. INSTALL NEW CONCRETE APRON FOR CATCH BASINS.
 9. STRIPE AND SEAL PARKING.
 10. INSTALL NEW ASPHALT PARKING.

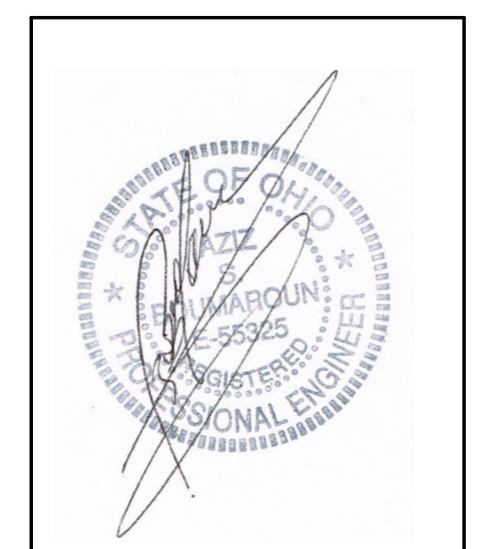
NO.	DATE	BY	REVISION
1	11.03.21	RT	FOR PERMITS
2	11.30.21	RT	FOR PERMITS

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SCALE: AS NOTED
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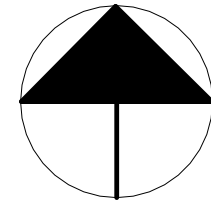
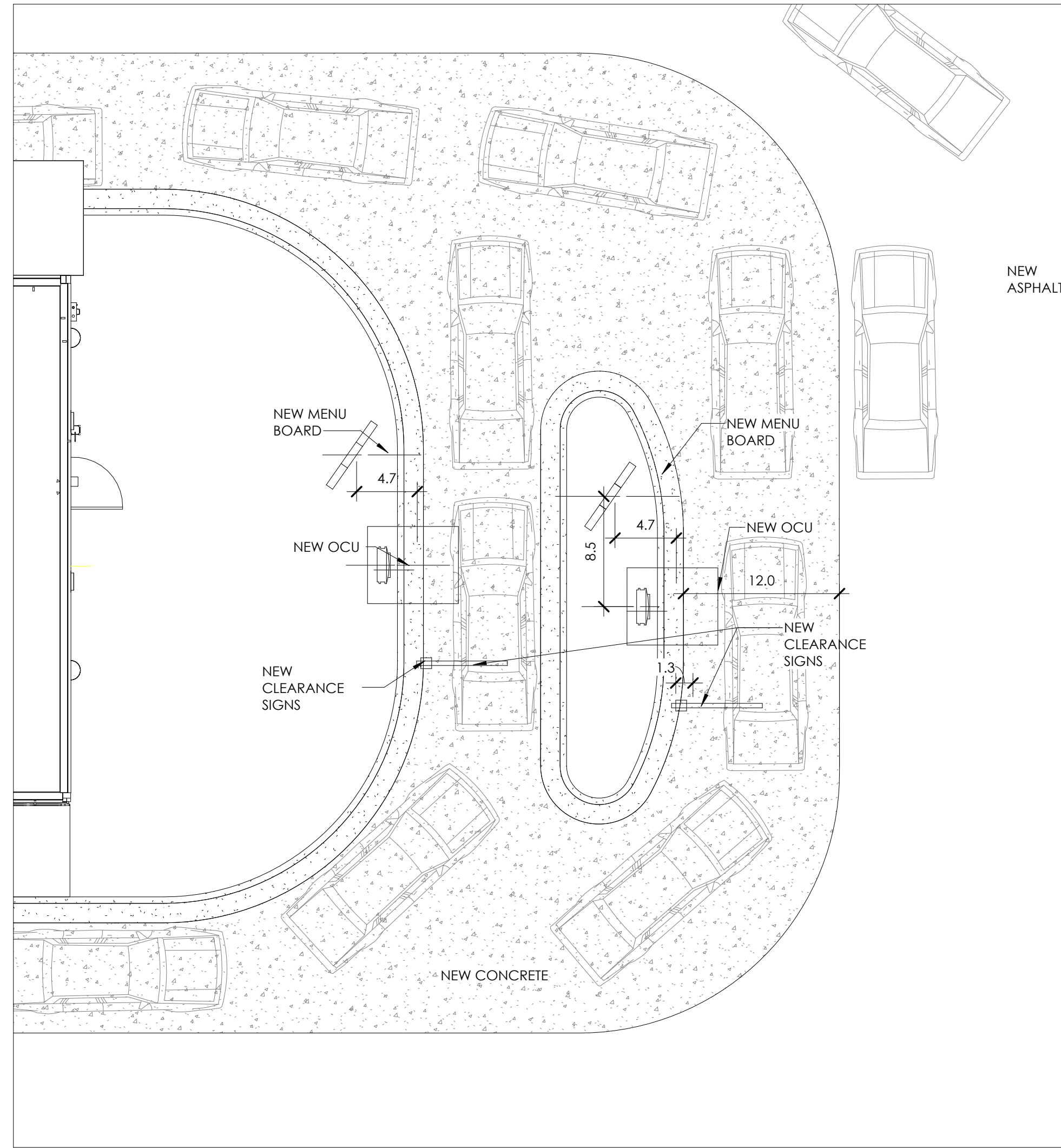


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10000 WASHINGTON HILLS, WA 98033
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F: (425) 426-7004



PROJECT	3330 INDIANOLA AVE, COLUMBUS, OH 43214
SHEET TITLE	PROPOSED SITE PLAN
JOB#	TG-21666
SHEET	C-2

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1 ENLARGED DETAIL
1" = 8'-0"

NO.	DATE	BY	REVISION
1	11.03.21	RT	FOR EMPHATA TO CITY
2	11.30.21	RT	FOR PLANNING DEPT

DRAWN BY: RT
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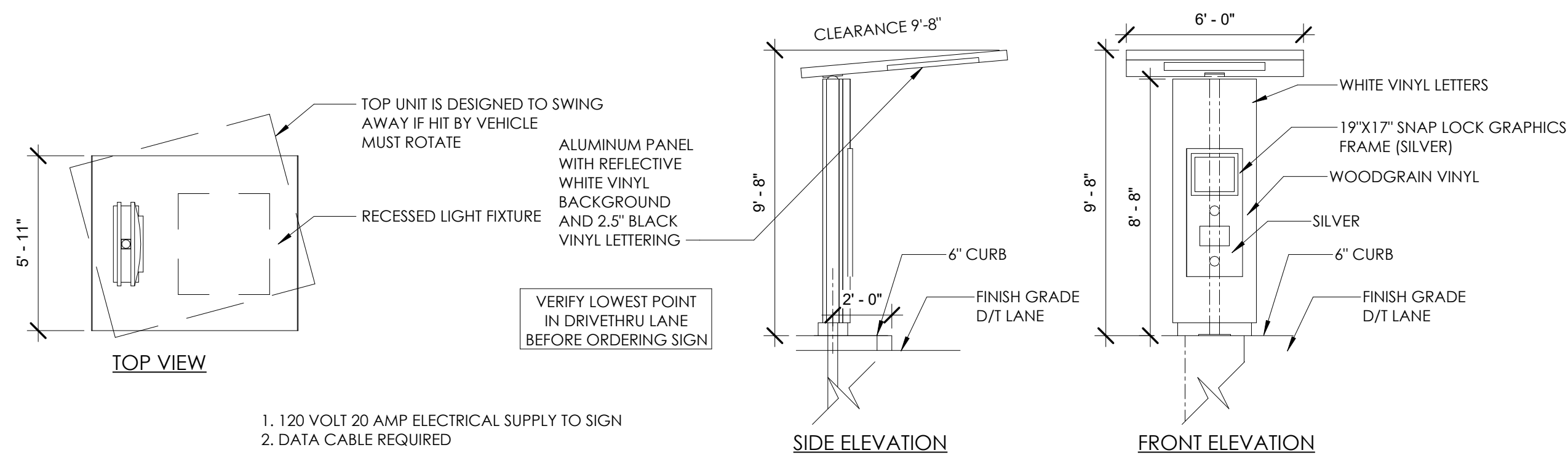
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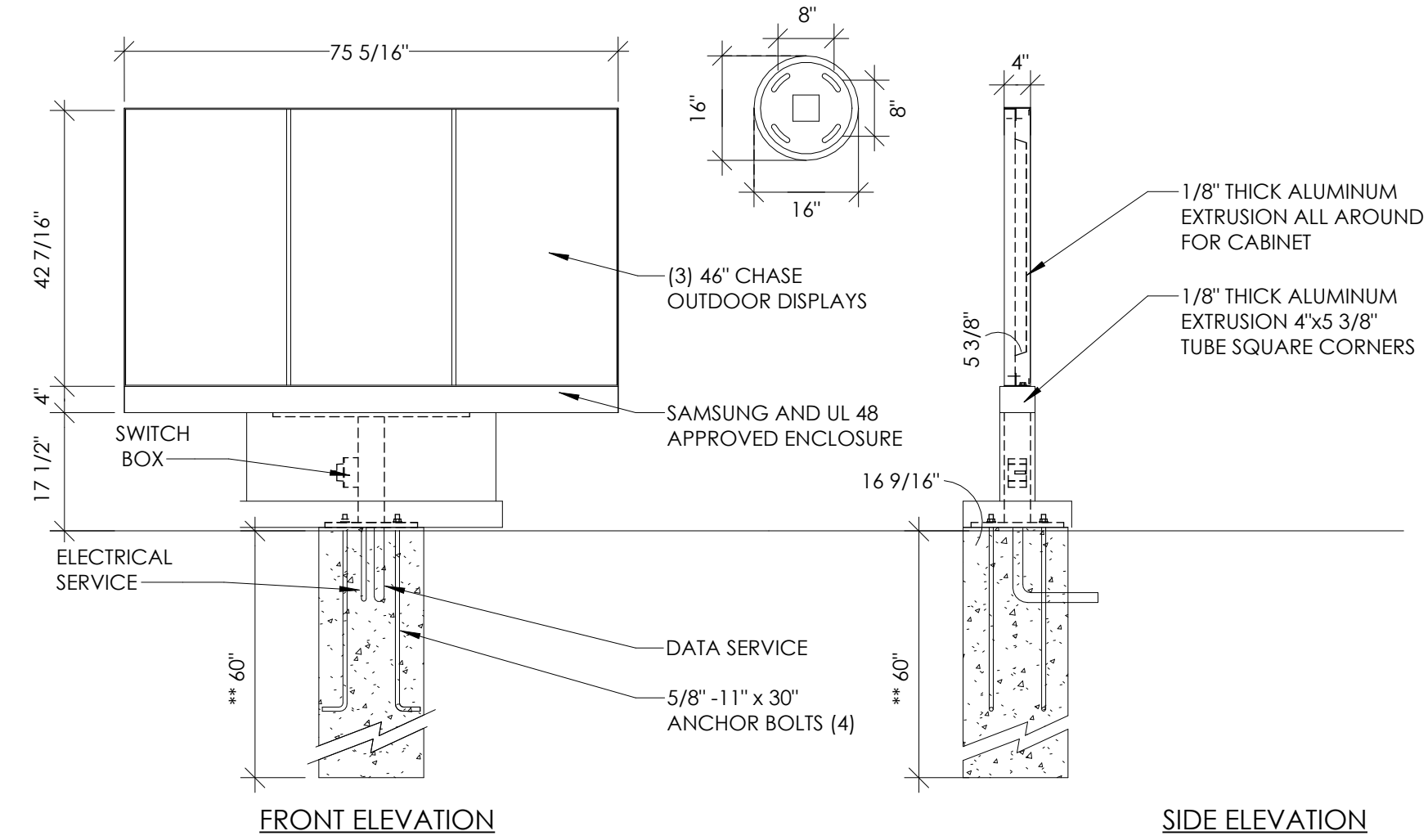
TGI TECHNICAL GROUP, Inc.
10000 WOODBURN AVENUE
PARKMAN HILLS, OH 44133
P: (248) 425-8000
F: (248) 425-7004



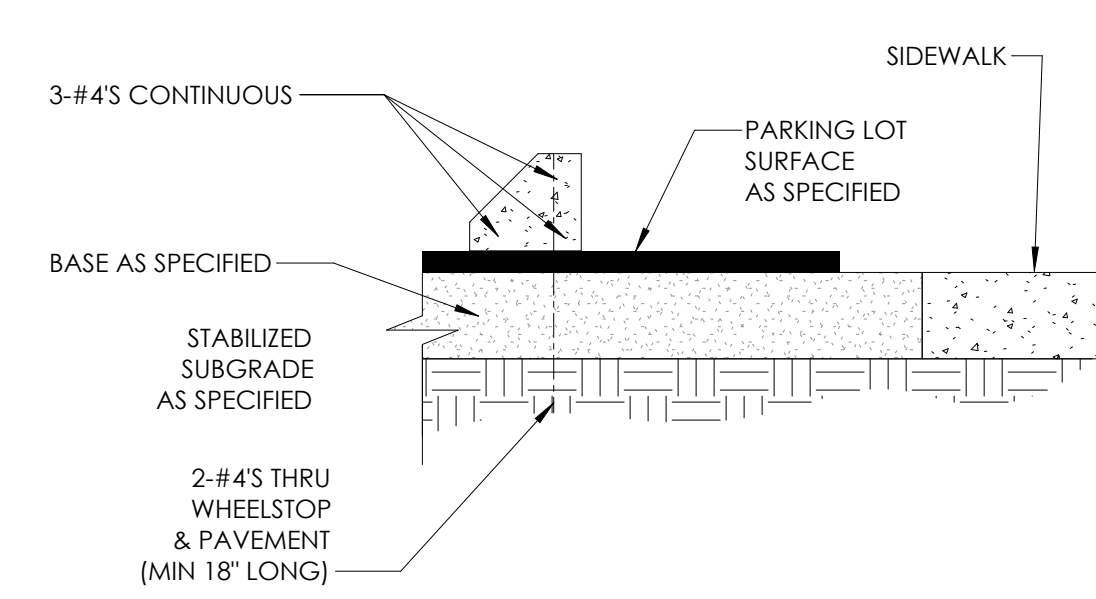
PROJECT 3330 INDIANOLA AVE. COLUMBUS, OH 43214	SHEET TITLE ENLARGE DRIVE THROUGH DETAIL
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.	
JOB# TG-21666	SHEET C-2.1



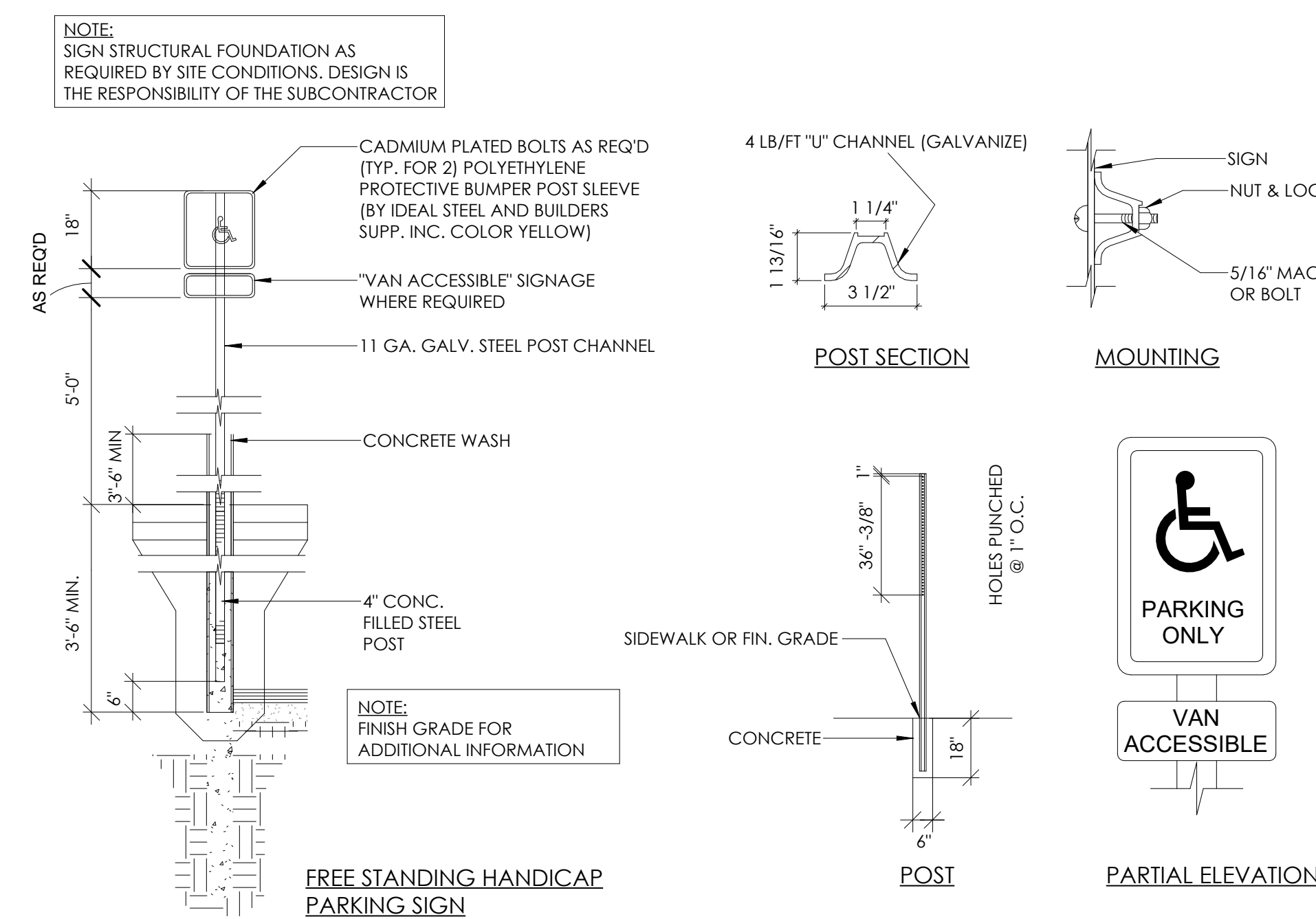
1 ORDER CONFIRMATION ELEVATION
SCALE: NO SCALE



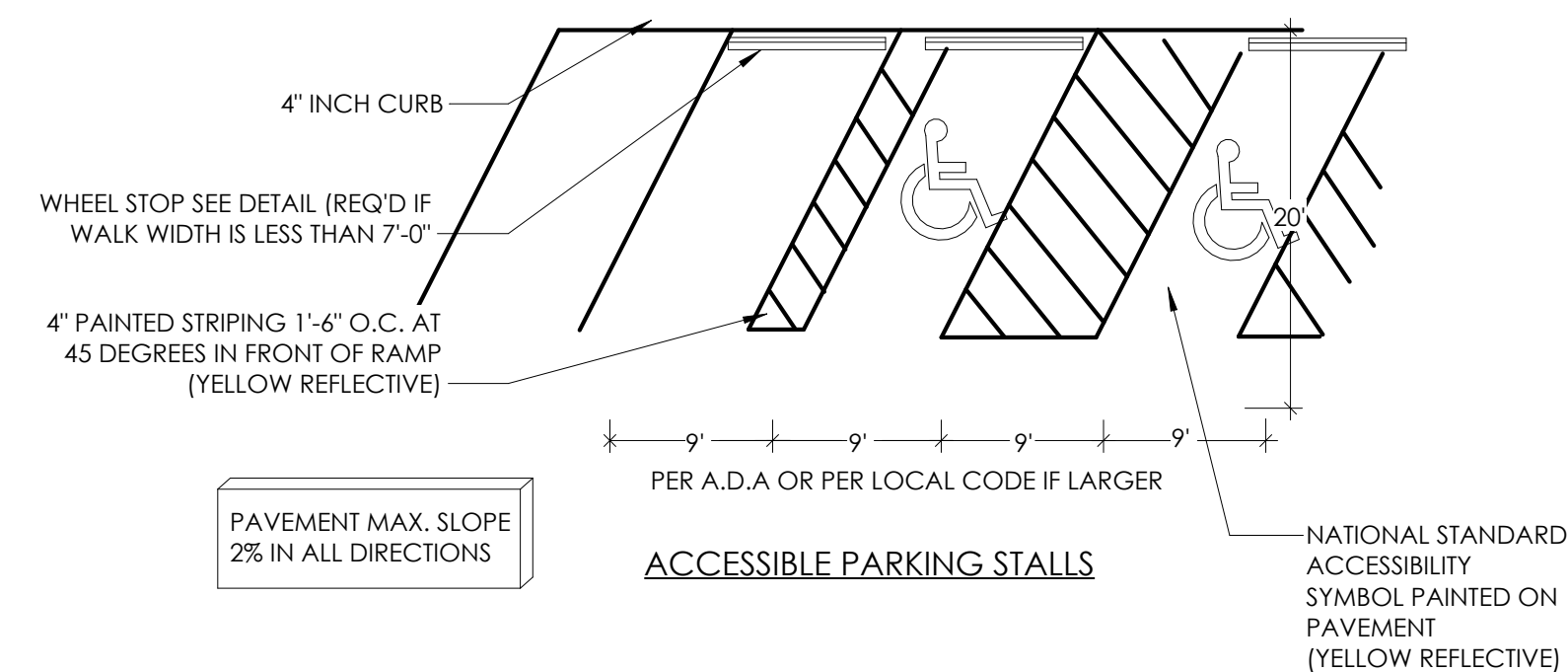
2 MENU BOARD DETAILS
SCALE: NO SCALE



3 PARKING BLOCK DETAIL
SCALE: NO SCALE

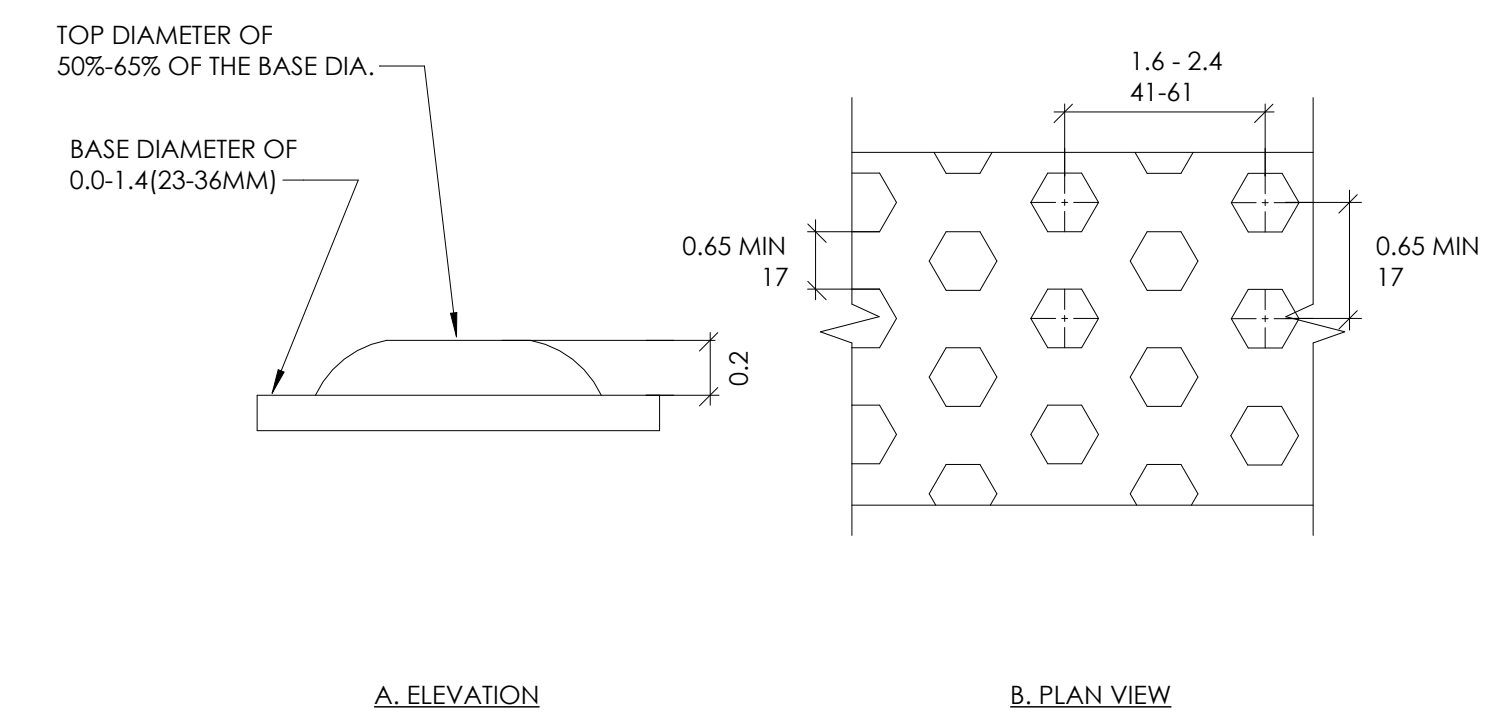


4 ACCESSIBLE PARKING, SIGN & RAMP DETAILS
SCALE: NO SCALE

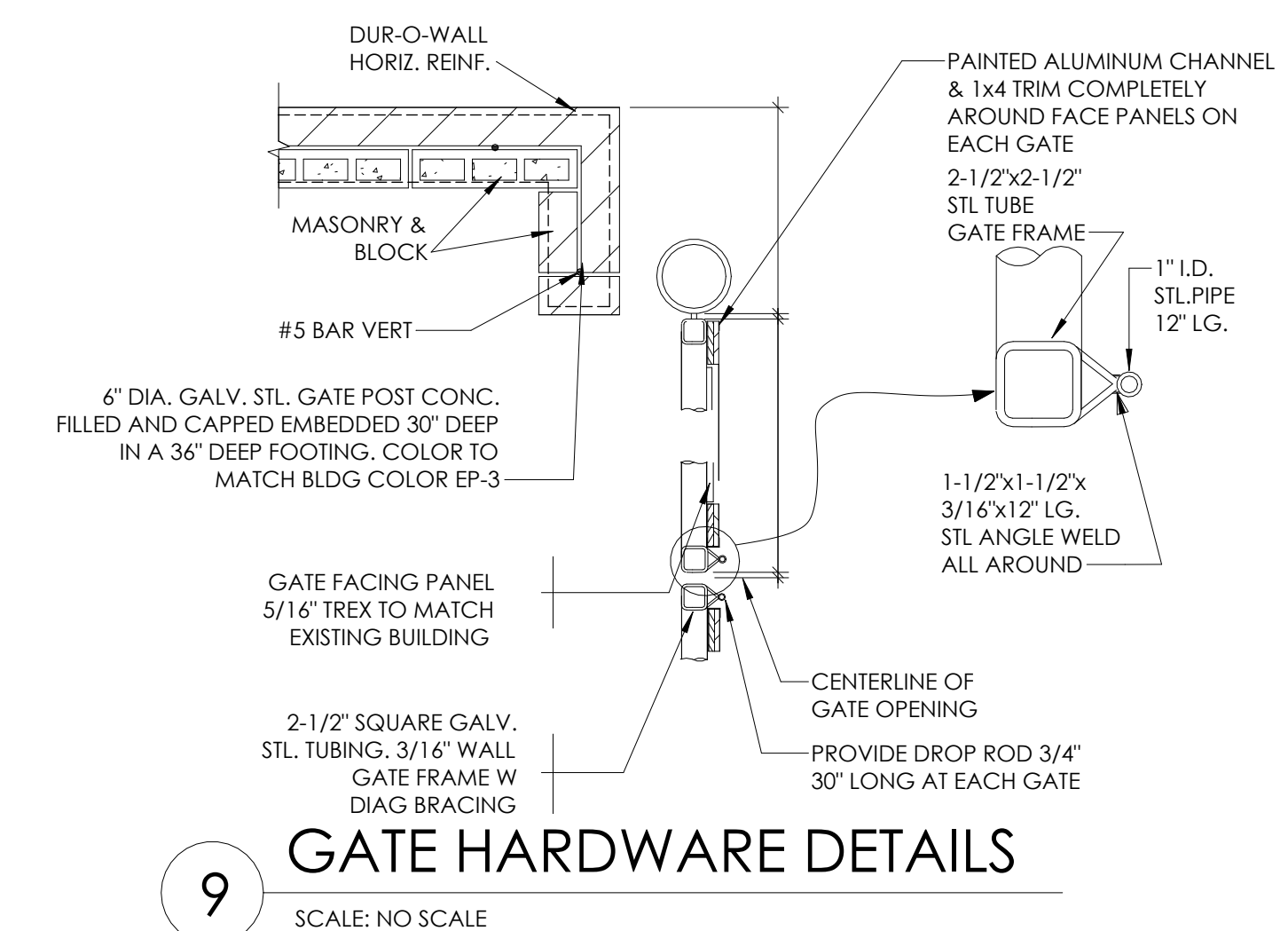


5 ACCESSIBLE PARKING RAMP DETAIL
SCALE: NO SCALE

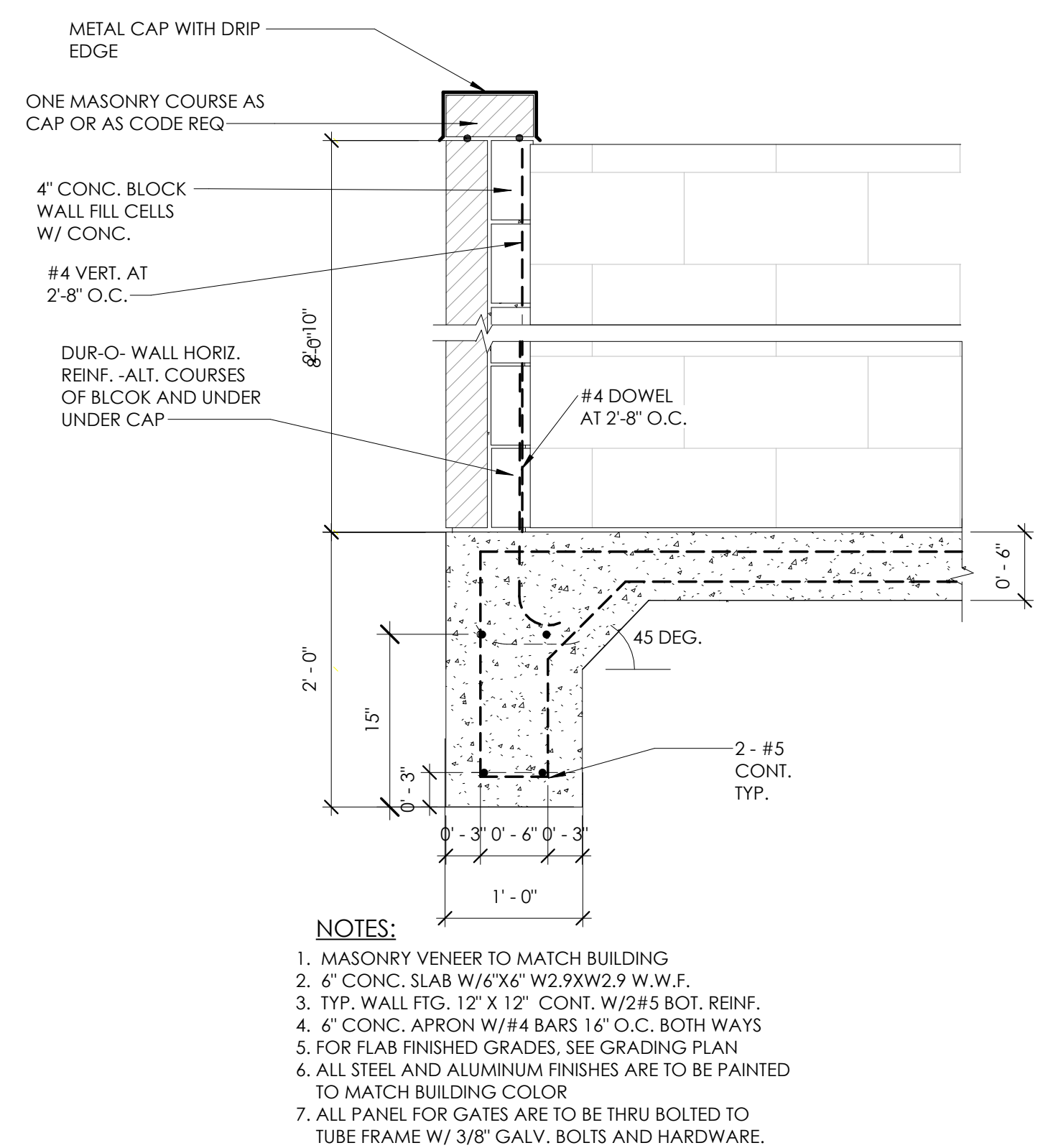
6 NOT USED
SCALE: NO SCALE



7 TRUNCATED DOME DETAILS
SCALE: NO SCALE



9 GATE HARDWARE DETAILS
SCALE: NO SCALE



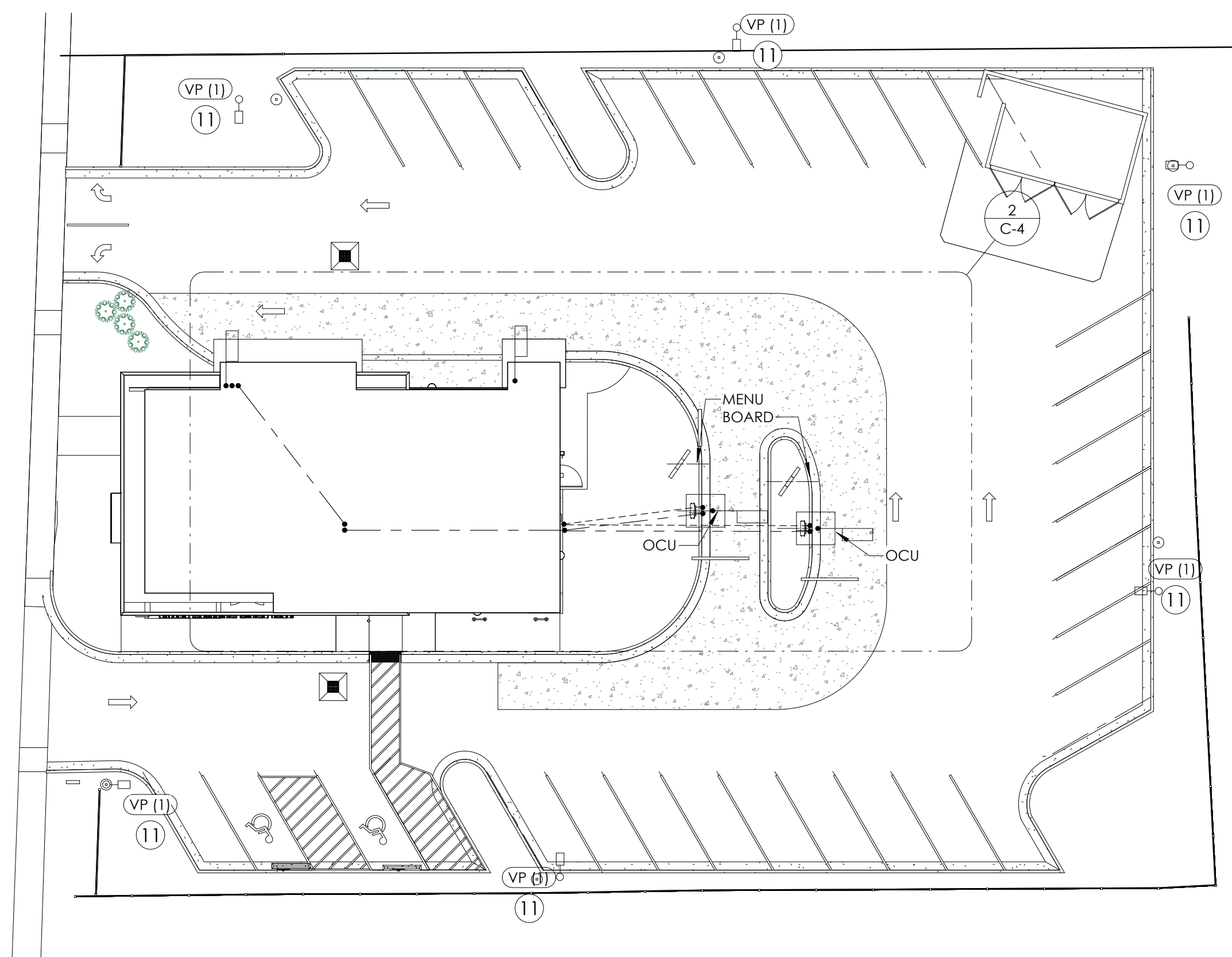
8 TRASH ENCLOSURE SECTION 1
1" = 1'-0"

NO.	DATE	BY	REVISION
1	11.30.21	RT	FOR PERMITS
2	11.30.21	RT	FOR PERMITS

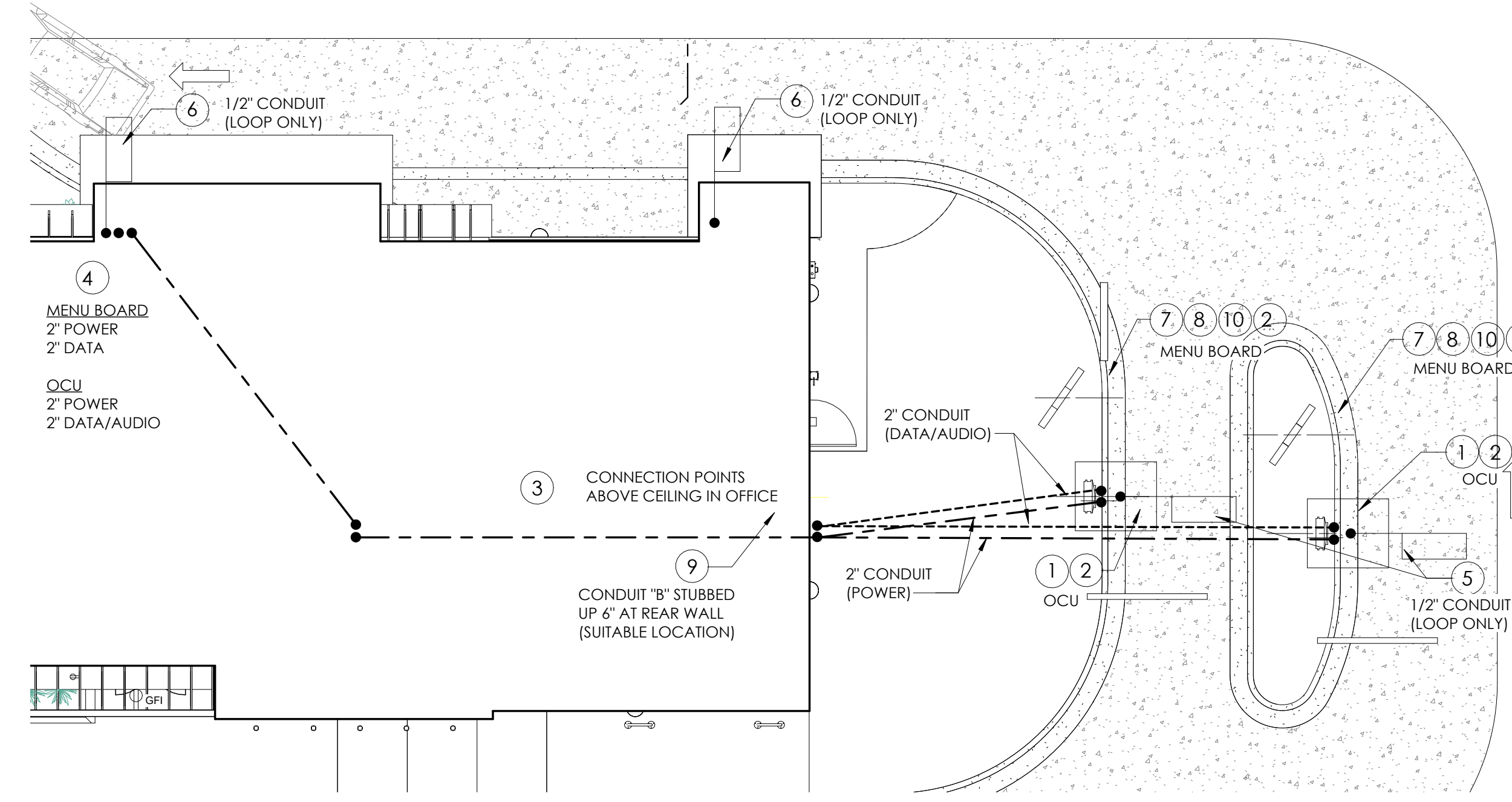
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SCALE: AS NOTED
DATE: 09.22.21



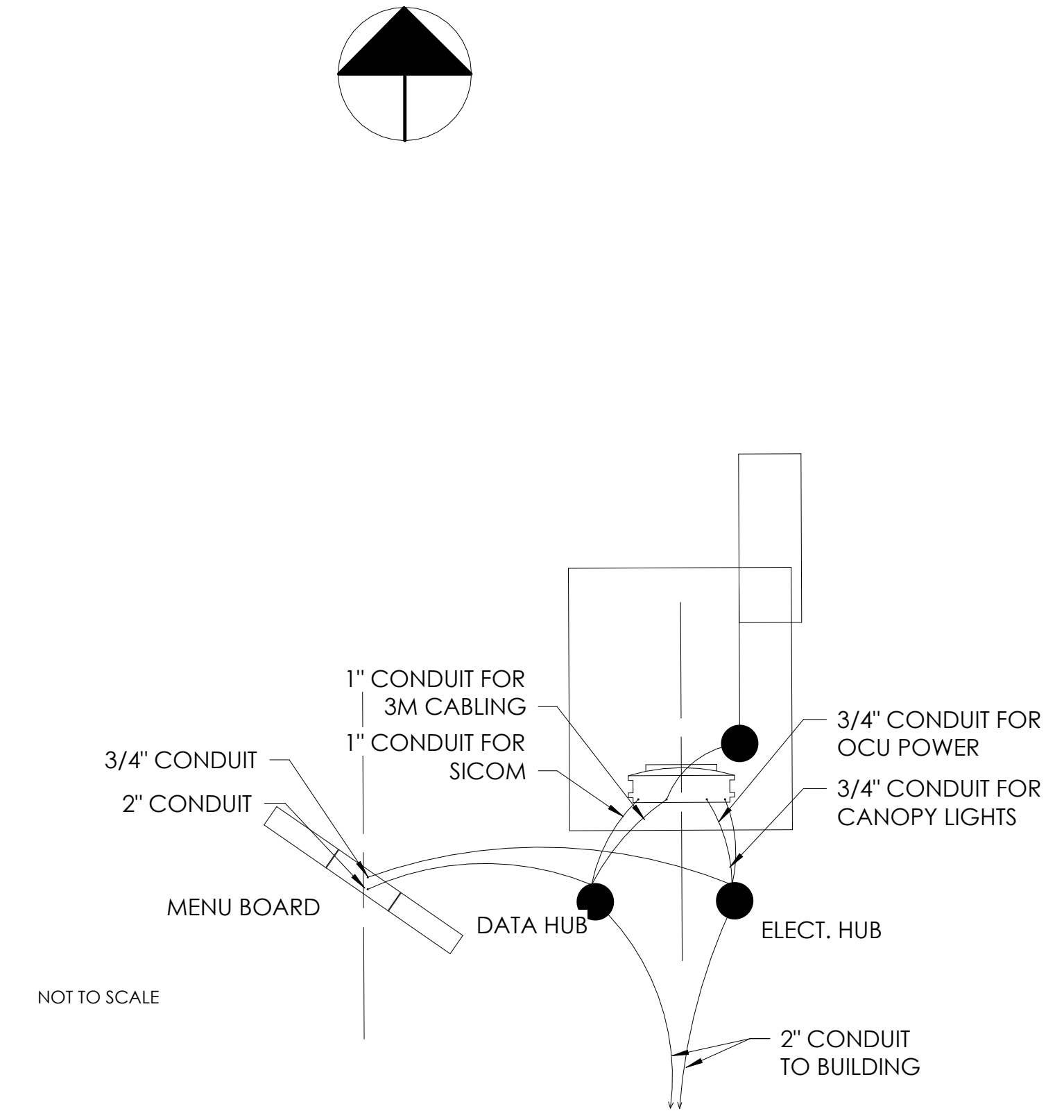
PROJECT	3330 INDIANOLA AVE. COLUMBUS, OH 43214
SHEET TITLE	SITE DETAILS
JOB#	TG-21666
SHEET	C-3



1 SITE ELECTRICAL
1" = 20'-0"



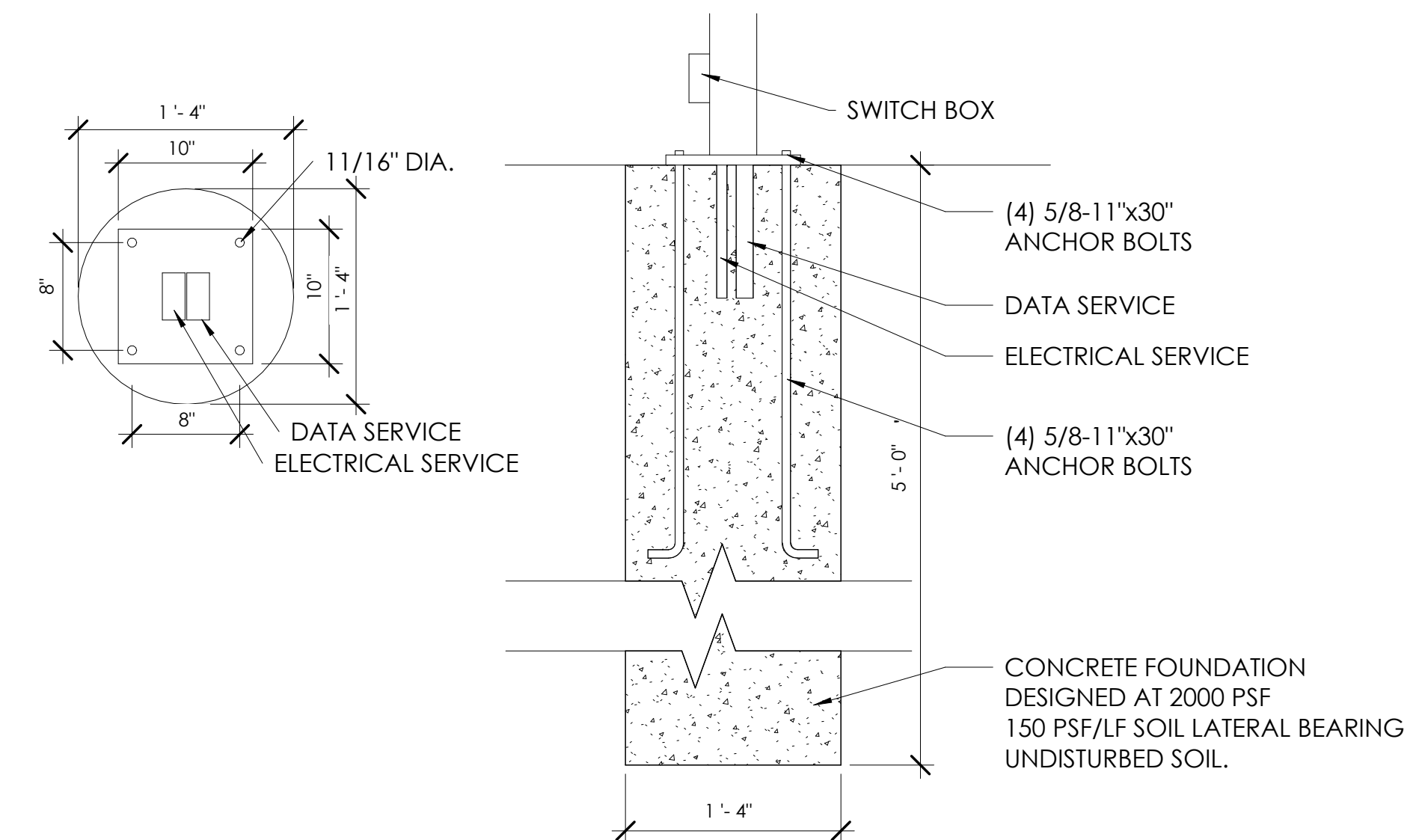
2 SITE ELECTRICAL DETAIL
1" = 10'-0"



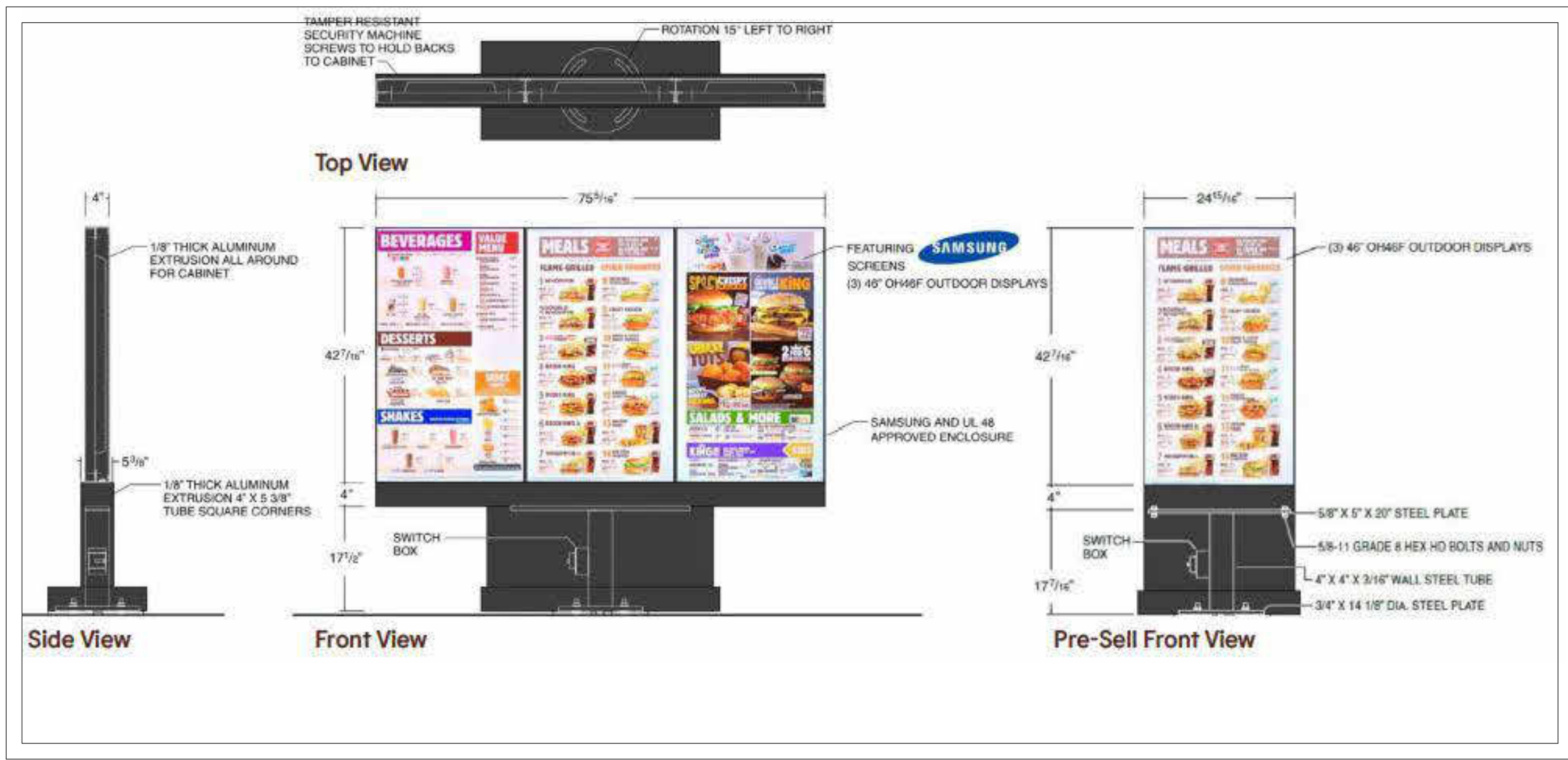
3 ELECTRICAL & DATA WIRING DETAIL
3/32" = 1'-0"

LIGHT FIXTURE SCHEDULE

FIXTURE TYPE:	TAG	SYMBOL	FIXTURE QUANTITY	ARRANGEMENT	MOUNTING HGT.
SML-LED-18L-SIL-(1) FT-50-70CRI-SINGLE-14\"/>					



4 MENU BRD BASE PLATE/FOUNDATION DETAIL
3/32" = 1'-0"



VENDORS

- SICOM MEDIA PLAYER**
- SICOM
MICHAEL SCHWARTZ (BKSALSALES@SICOM.COM)
1-800-547-4266 EXT 5.
- OUTDOOR DIGITAL MENU BOARD (ODMB)**
- SAMSUNG/LSI
SARA GROFCSIK (S.GROFCSIK@SEA.SAMSUNG.COM)
STEPHANY A FLORES (S1.FLORES@PARTNERS.SEA.SAMSUNG.COM)
 - LG
JOE INGERMAN (JOSEPH.INGERMAN@LGE.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

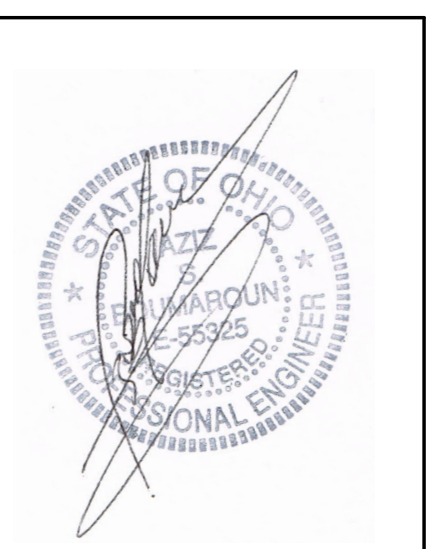
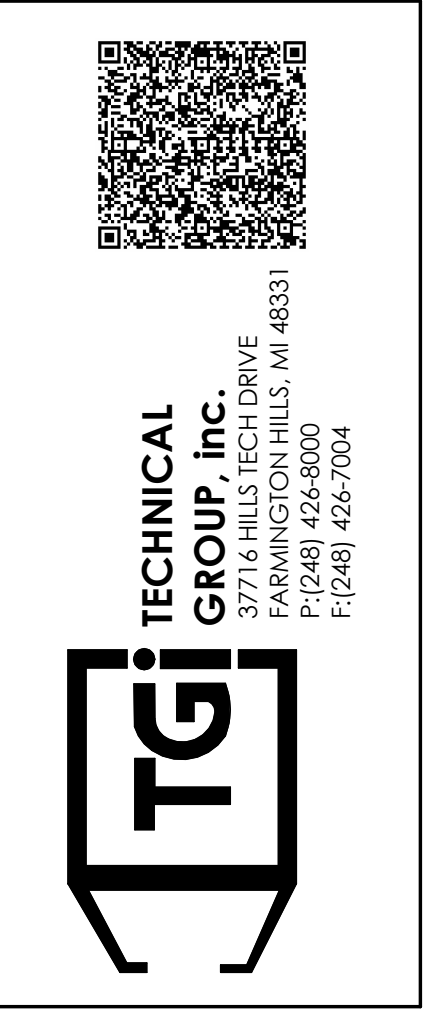
CONNECTIONS

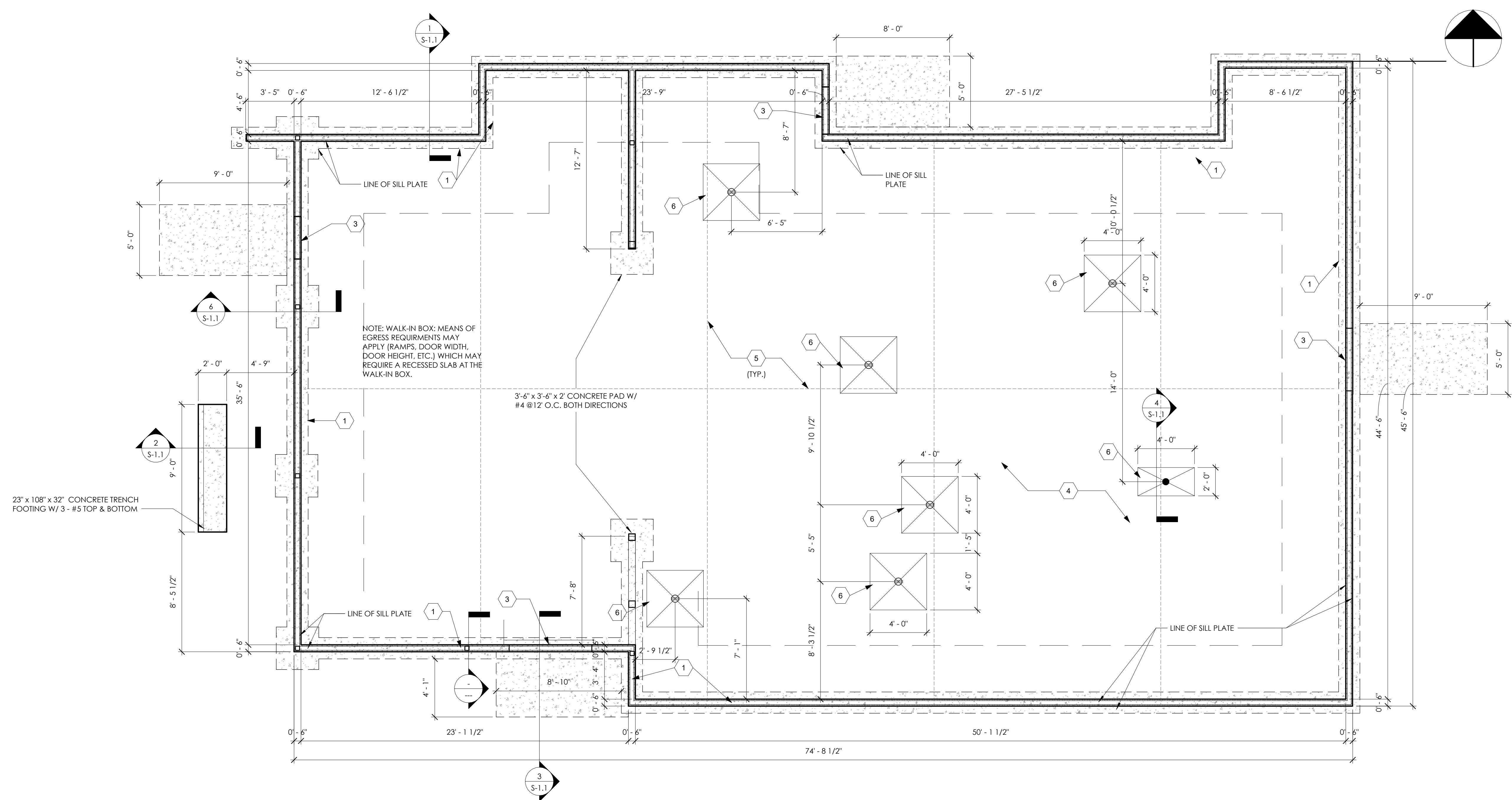
- DEDICATED 120V SINGLE PHASE CONSTANT POWER TO OCU.
- 120V SINGLE PHASE POWER FOR CANOPY LIGHTS, MENUBOARD, OCU.
- DATA AND SPEAKER CABLES CONNECT TO POS RACK IN OFFICE (PULL WITHOUT CONNECTORS).
- AUDIO CABLES FOR SPEAKERS CONNECT TO MAIN UNIT AT THE DRIVE-THRU WINDOW.
- PRIMARY DETECTOR LOOP WIRE 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.

NO.	DATE	BY	REVISION
1	10.02.21	RT	FOR PERMITS TO CITY
2	11.30.21	RT	FOR PLANNING REVIEW
3	01.30.22	RT	FOR PERMITS TO CITY

DRAWN BY: RT
CHECKED: DB
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DATE: 09.22.21

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

GENERAL NOTES:

A. FOUNDATION PLAN WAS BASED ON AN ASSUMED ALLOWABLE BEARING CAPACITY OF 2000 PSF. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THIS BEARING CAPACITY WITH SOIL BORINGS.

B. ALL FOOTING EXCAVATIONS 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.A. BOTH SIDES OF FOUNDATION WALLS SHALL BE BACKFILLED SIMULTANEOUSLY SO AS TO PREVENT OVERTURNING OR LATERAL MOVEMENT OF WALLS.
D.B. 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. ALL CONTINUOUS FOOTING SHALL BE CENTERED UNDER FOUNDATION WALLS UNLESS NOTED OTHERWISE.

I. 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 LOCATION 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.

FOUNDATION KEY NOTES

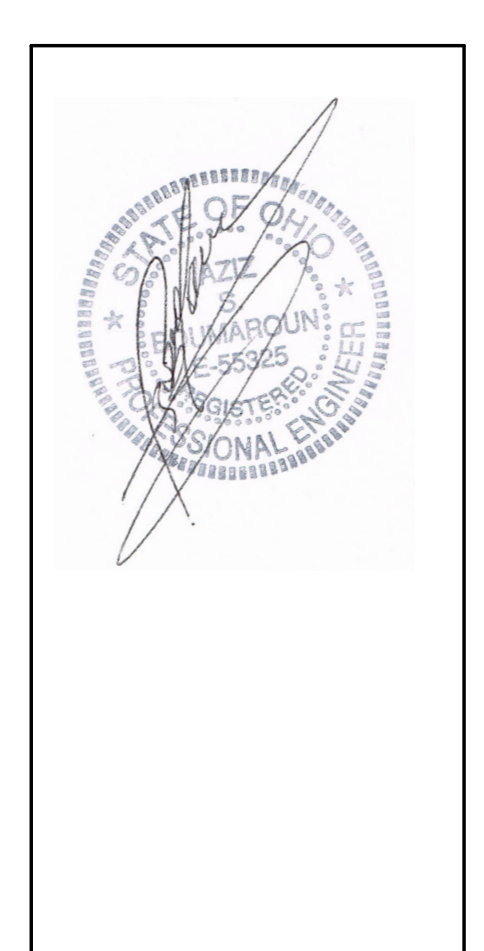
#	Description
1	18"W x 38" DEEP CONTINUOUS CONCRETE FOOTING WITH (2) #5 BARS CONTINUOUS. BOTTOM OF FOOTING AT 32" MIN BELOW GRADE.
2	LINE OF SILL PLATE
3	<varies>
4	4" CONCRETE SLAB WITH 6X6-W1.4 X W1.4 W.W.F. AT MID DEPTH OVER 6 MIL POLYETHYLENE VAPOR BARRIER OVER 4" GRANULAR FILL
5	CONTROL/CONSTRUCTION JOINTS. SEE DETAIL 5 ON S-1.1.
6	4x4' AREA SLOPED TO DRAIN @ 2% (TYP.)
7	6X6 WOOD COLUMN OR 2X6 STACKED STUDS
8	SIMPSON HDU4 SDS 2.5 HOLD DOWNS WITH 5/8" X 24" ANCHOR BOLTS

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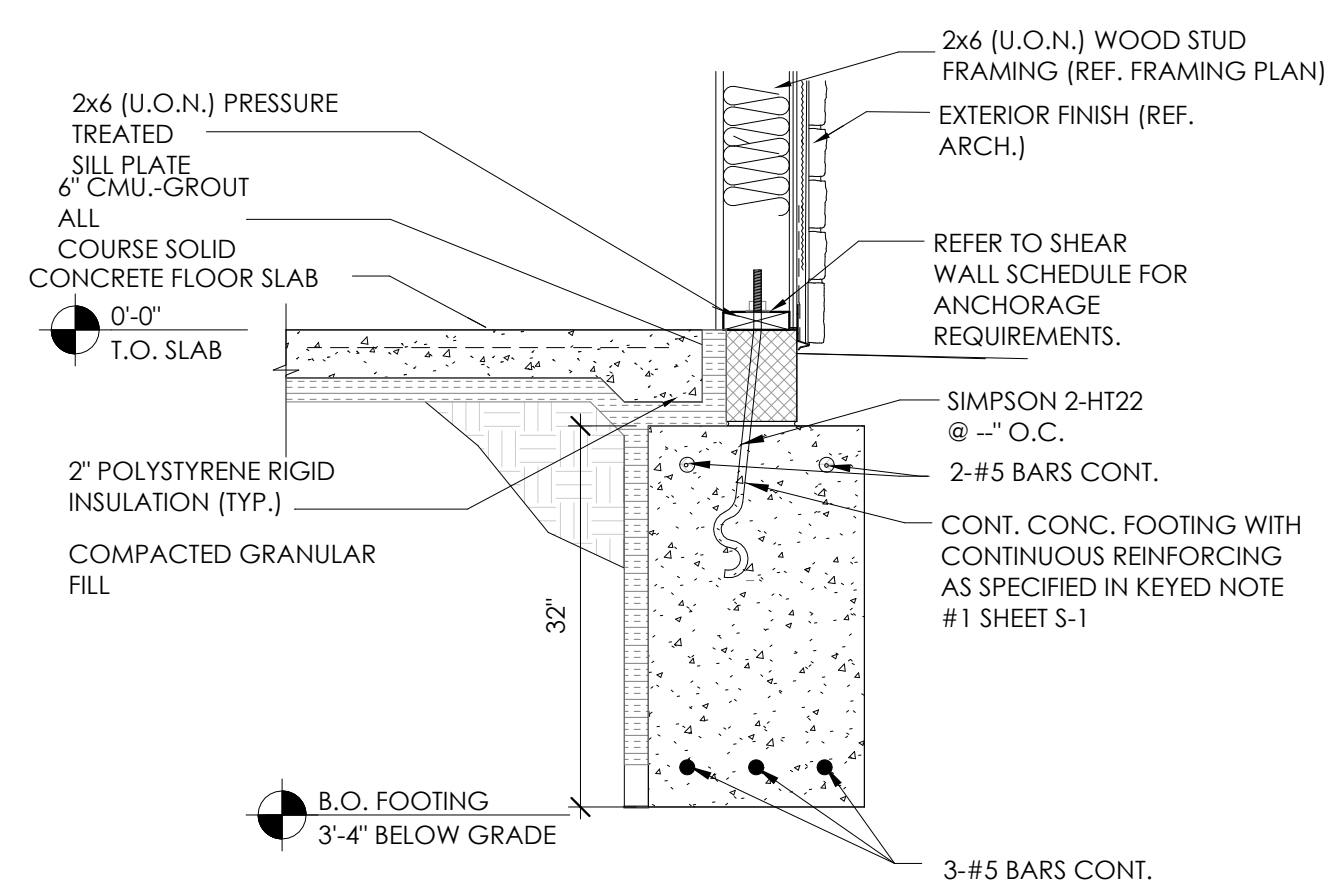
PROJECT
3330 INDIANOLA AVE.
COLUMBUS, OH 43214

SHEET TITLE
FOUNDATION PLAN & NOTES

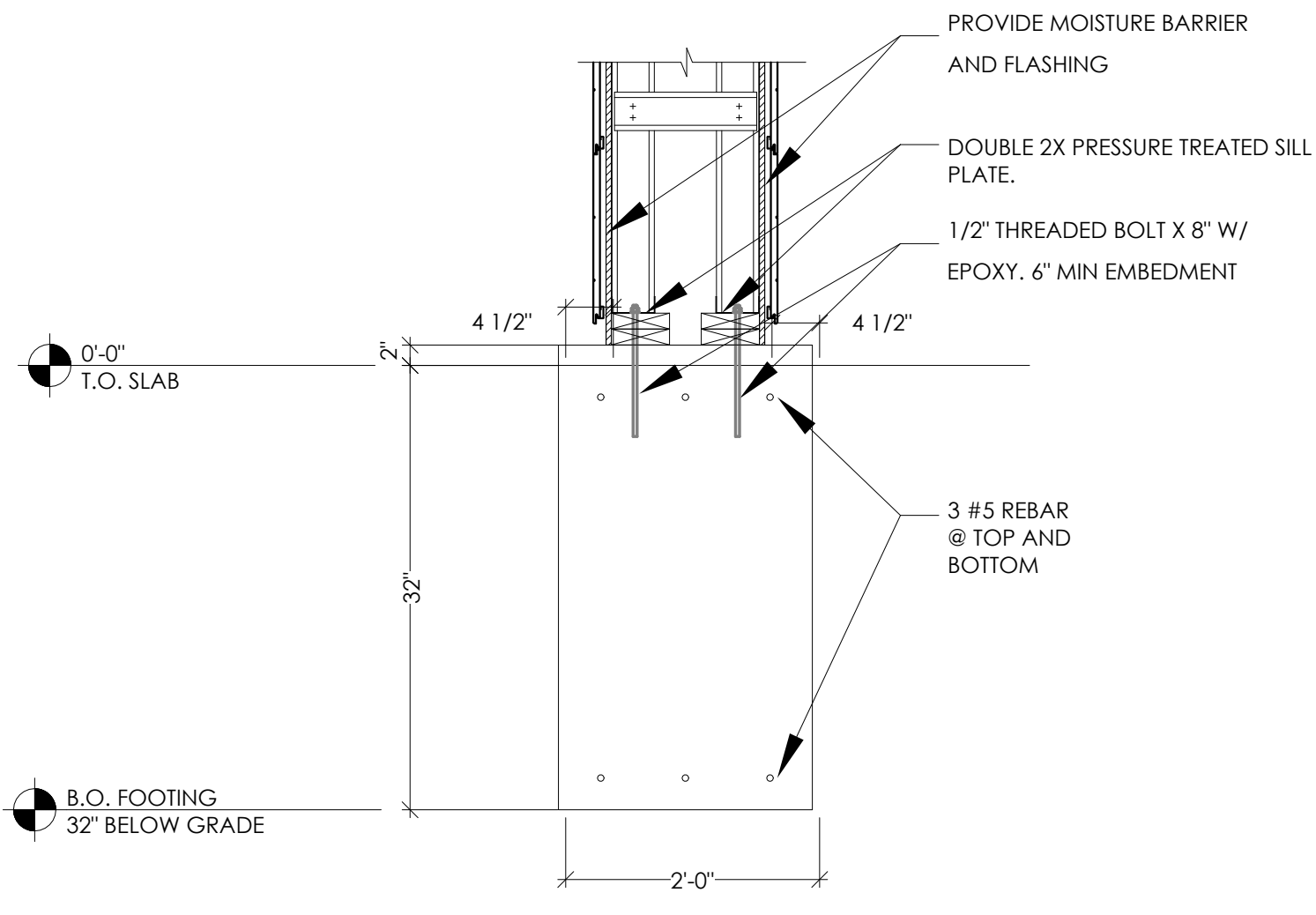
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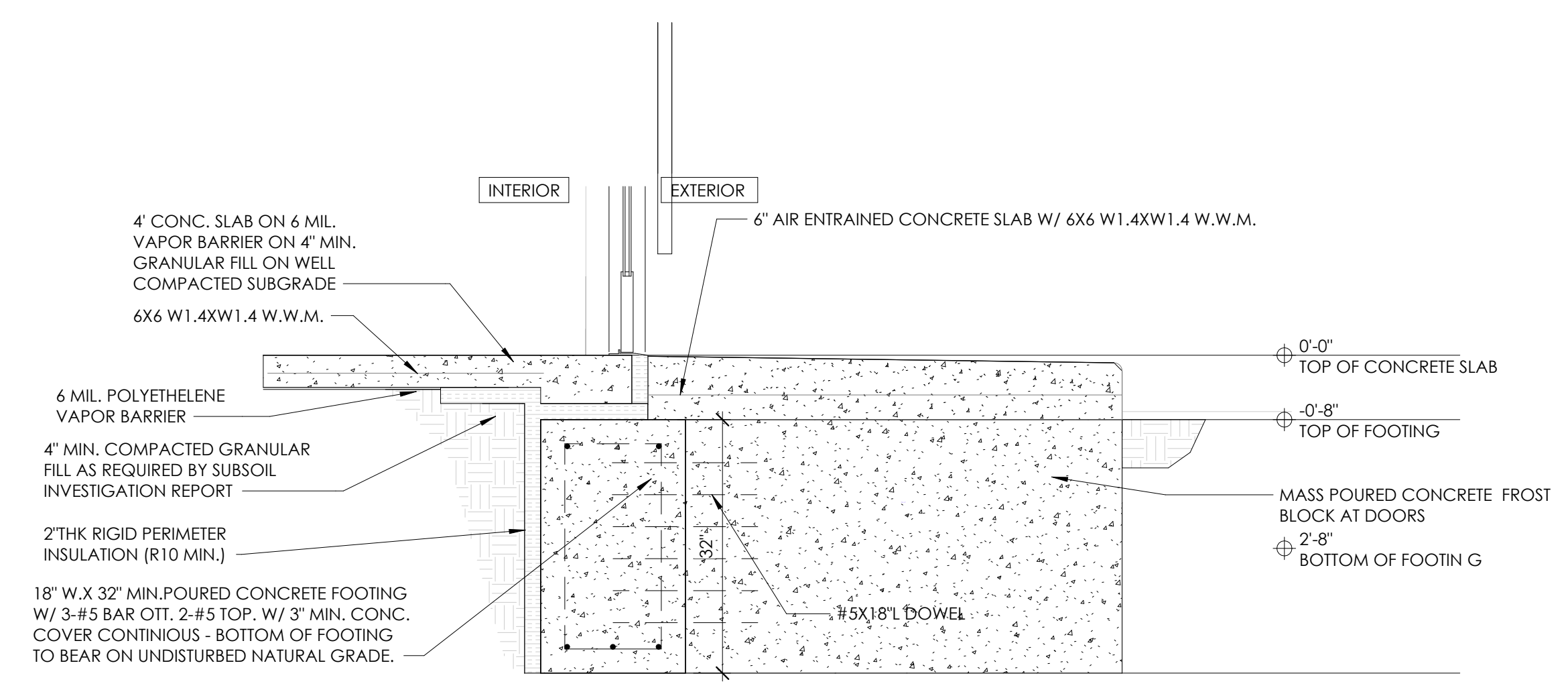
SHEET
S-1



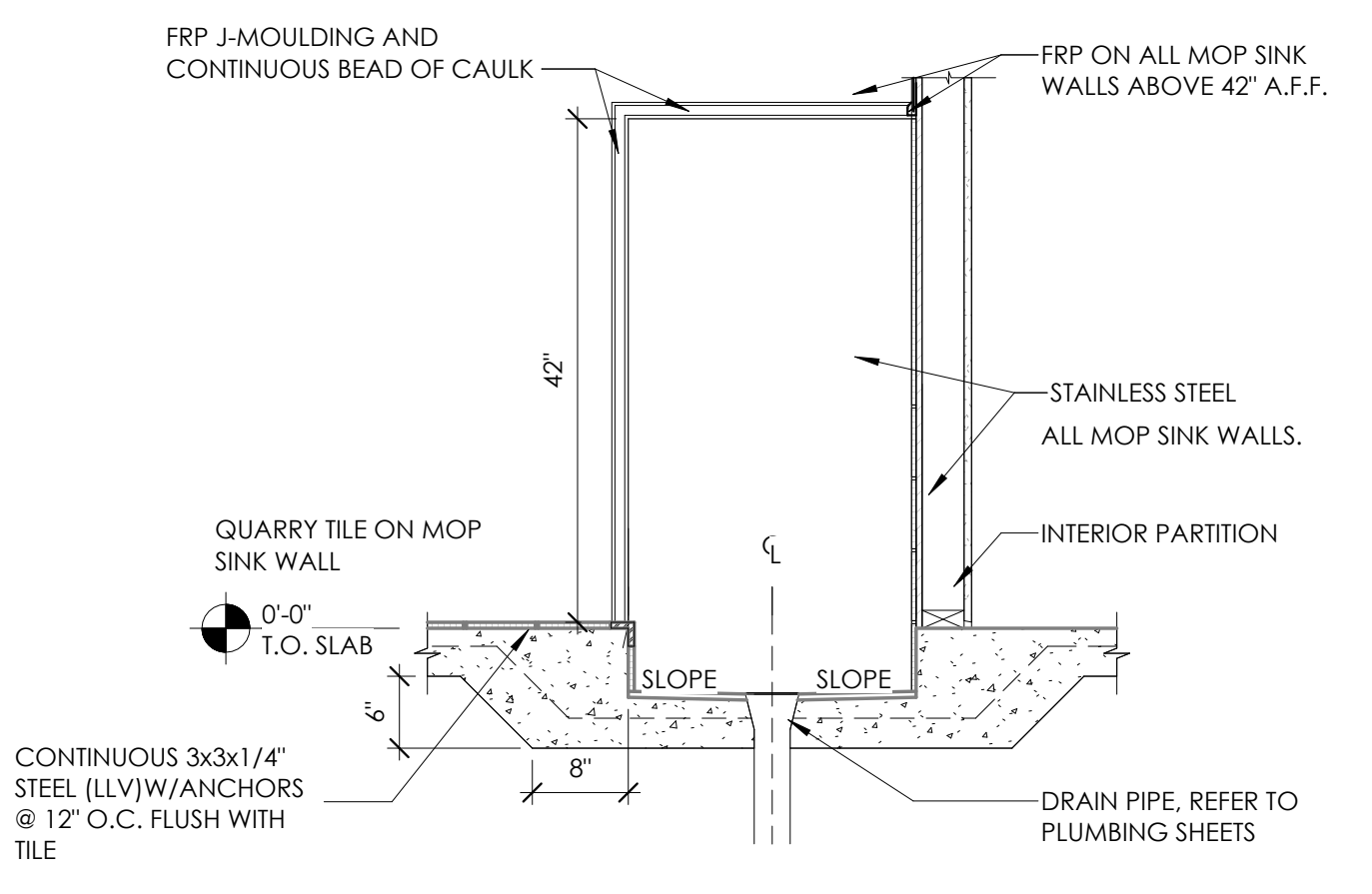
1 TYPICAL FOOTING DETAIL
3/4" = 1'-0"



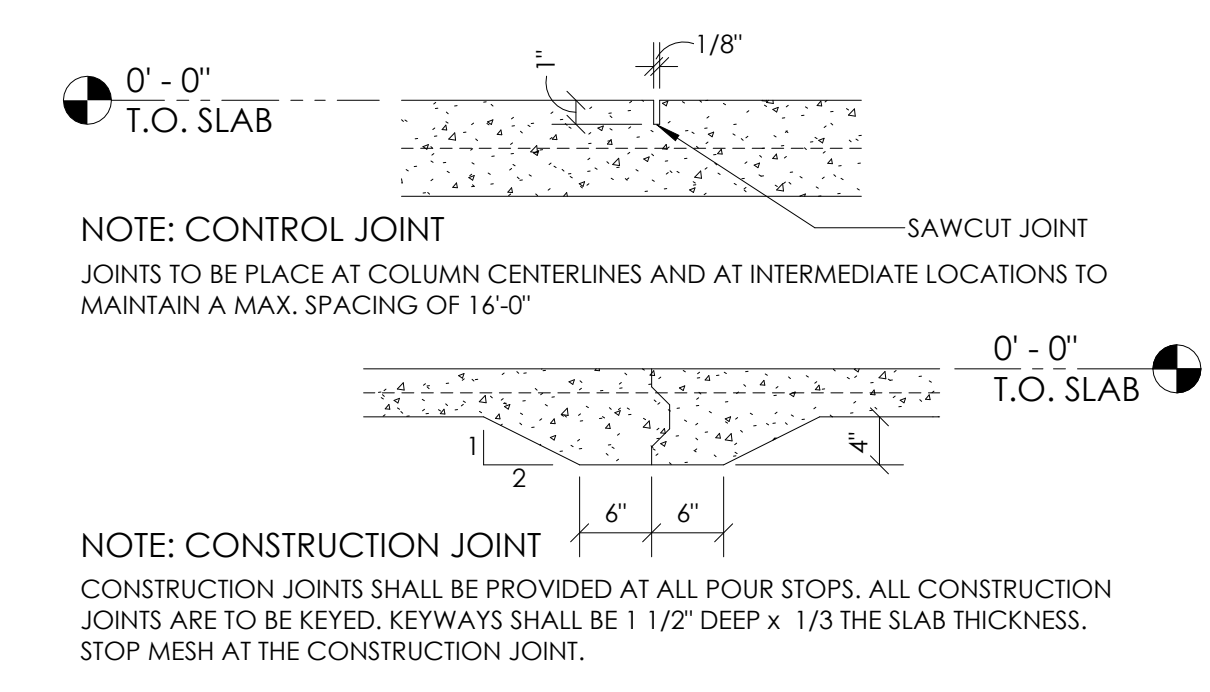
2 FOOTING DETAIL AT TOWER
3/4" = 1'-0"



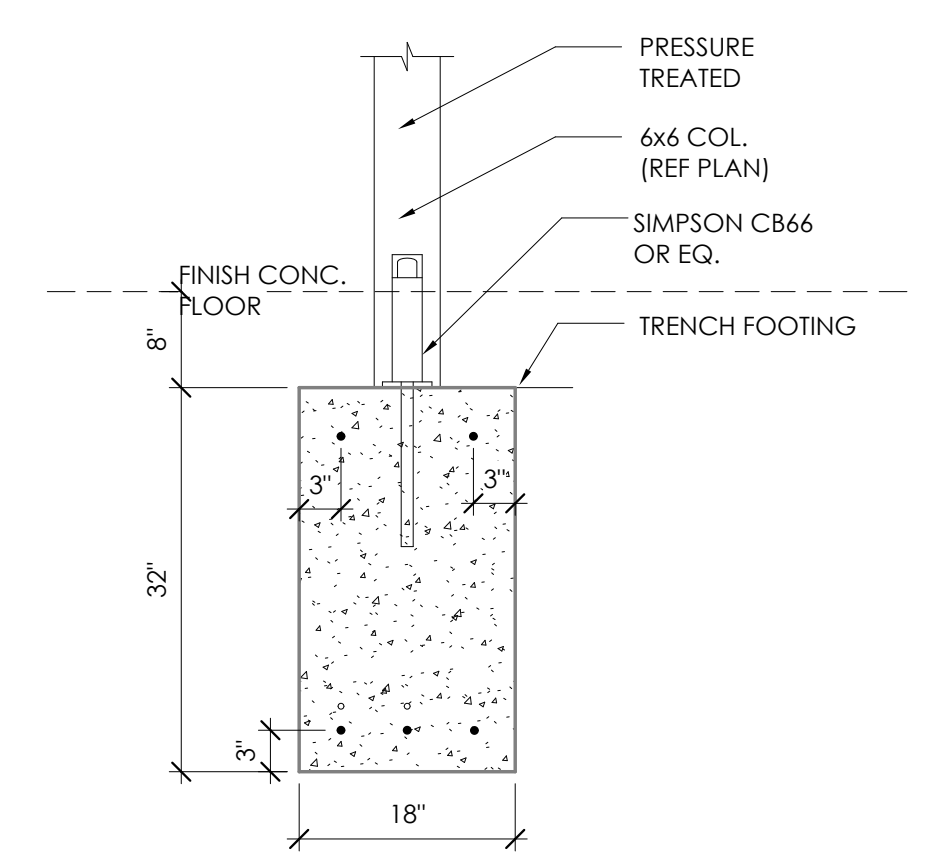
3 TYPICAL FROST BLOCK DETAIL
3/4" = 1'-0"



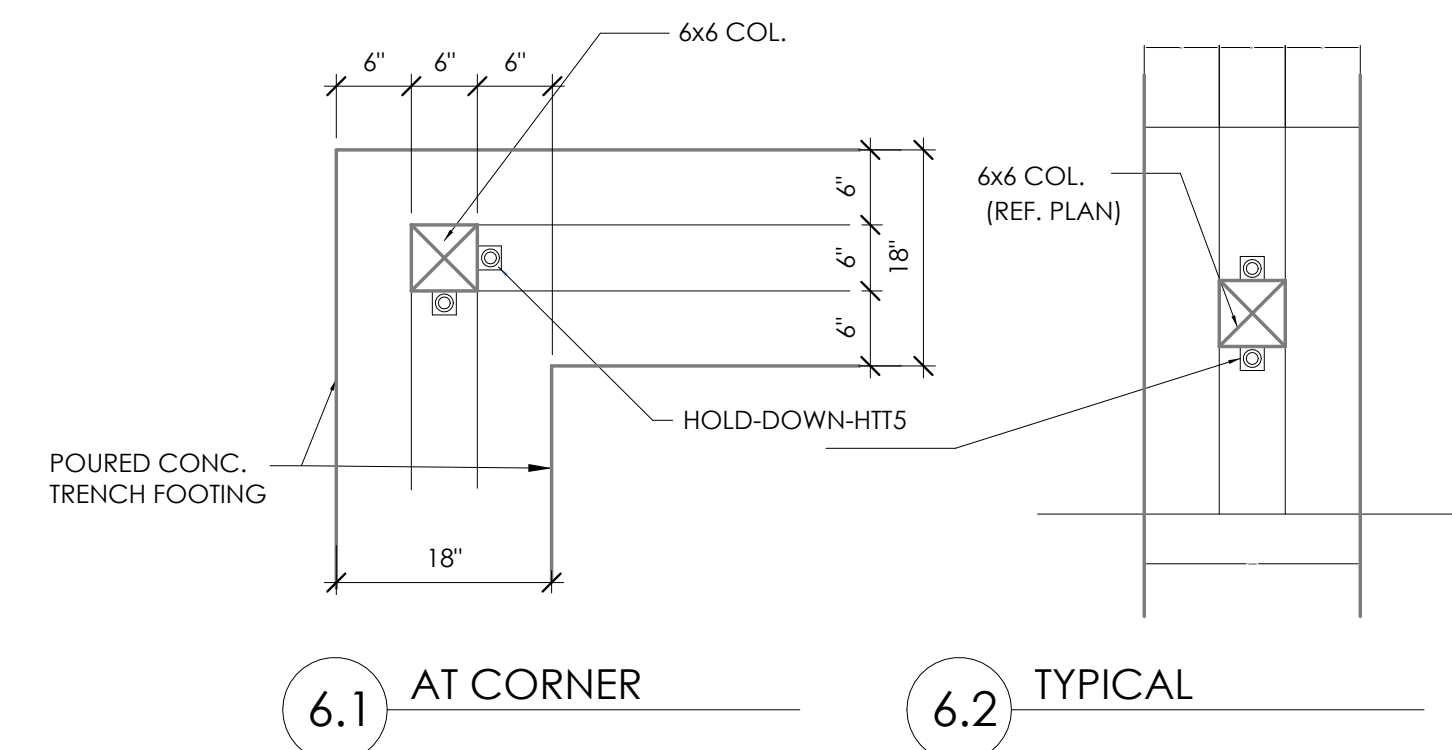
4 MOP SINK SLAB SECTION
3/4" = 1'-0"



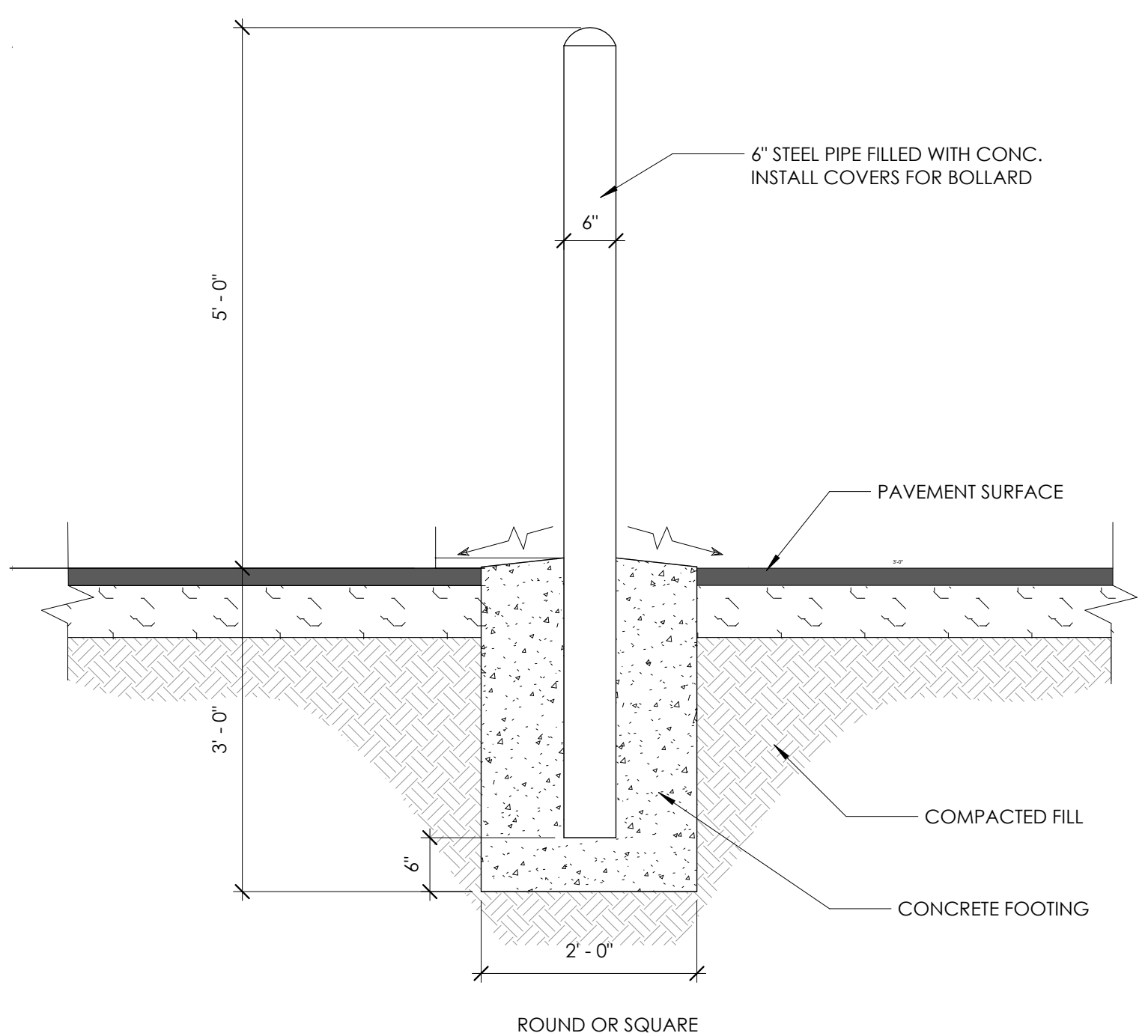
5 CONSTRUCTION/CONTROL JOINT
3/4" = 1'-0"



6 COLUMN FOOTING SECTION
3/4" = 1'-0"



7 COLUMN CONNECTION DETAIL
3/4" = 1'-0"



8 BOLLARD DETAIL
3/4" = 1'-0"

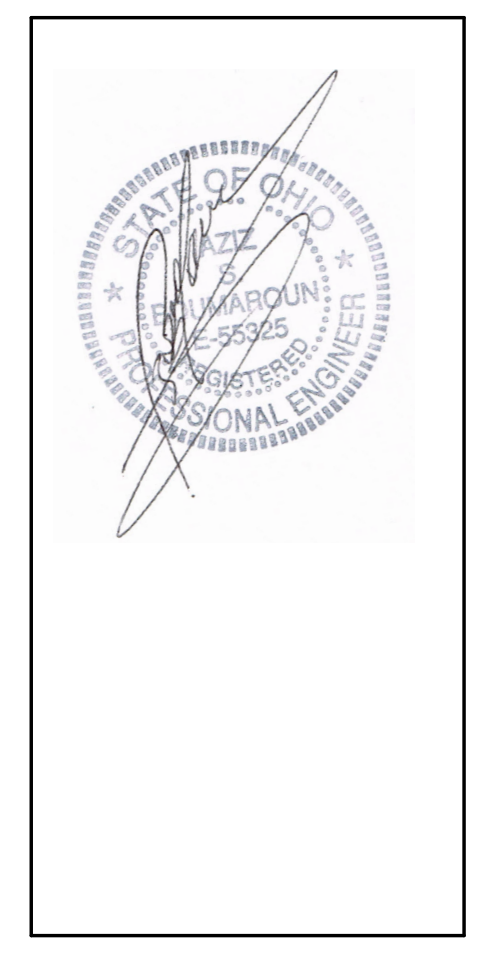
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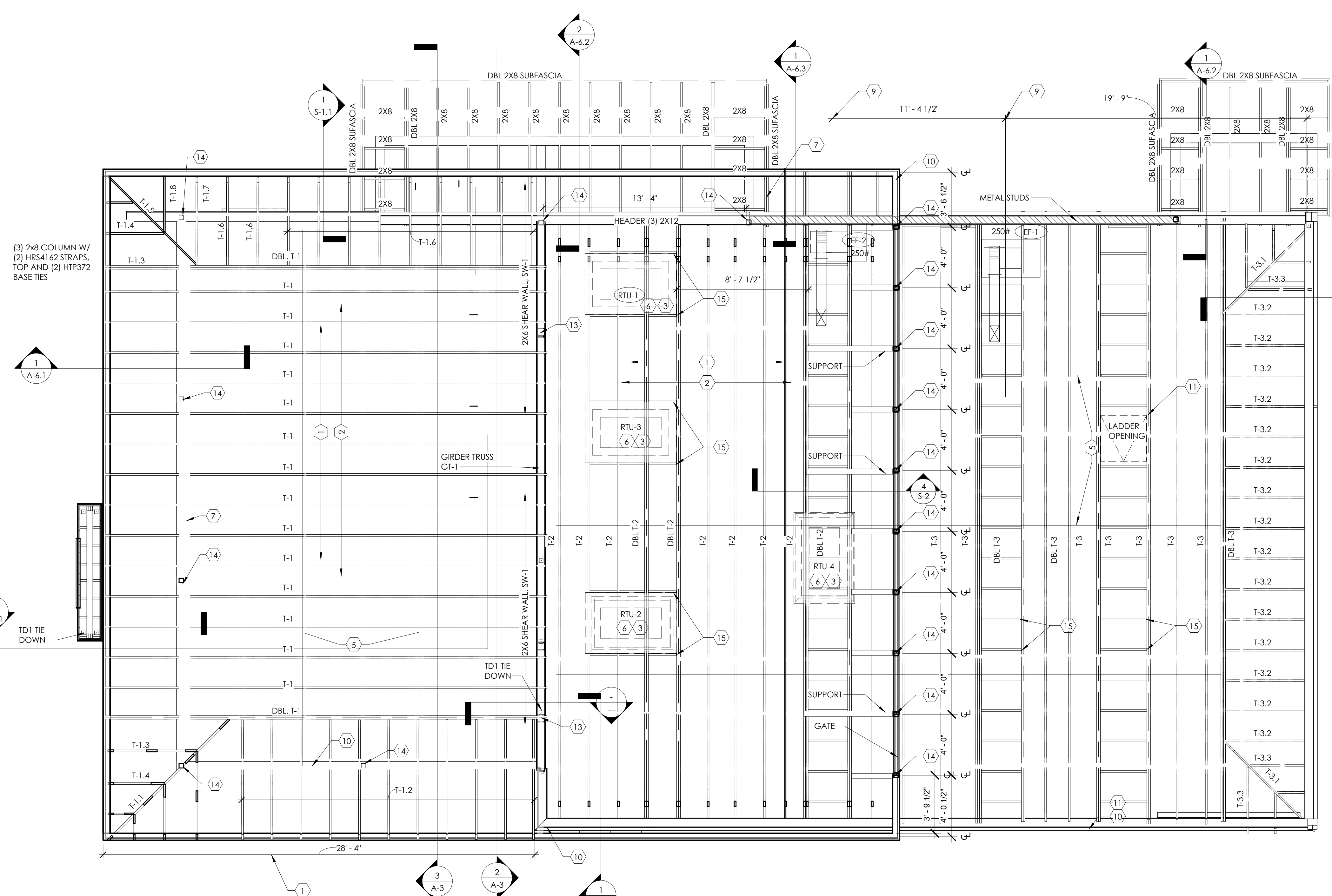
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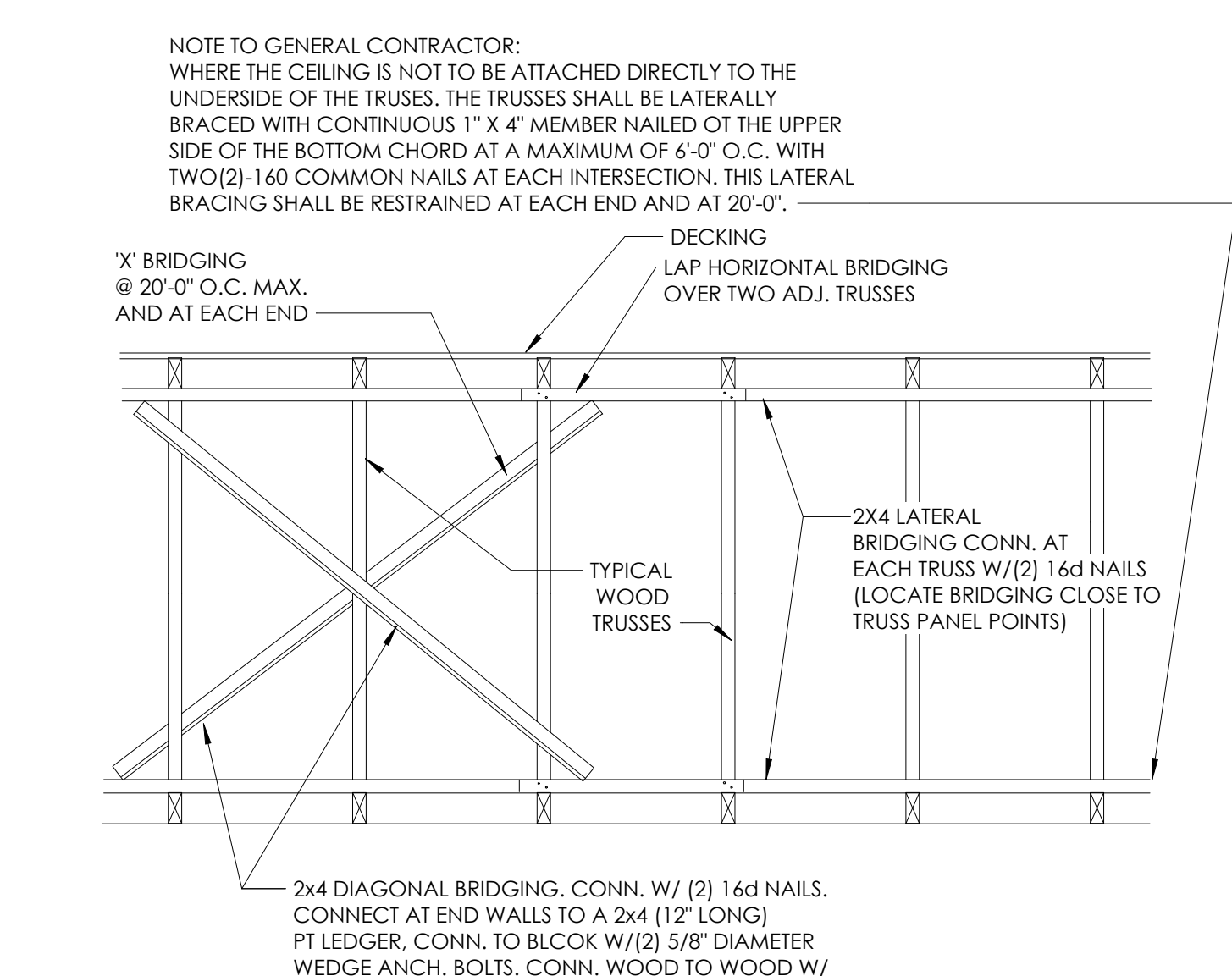
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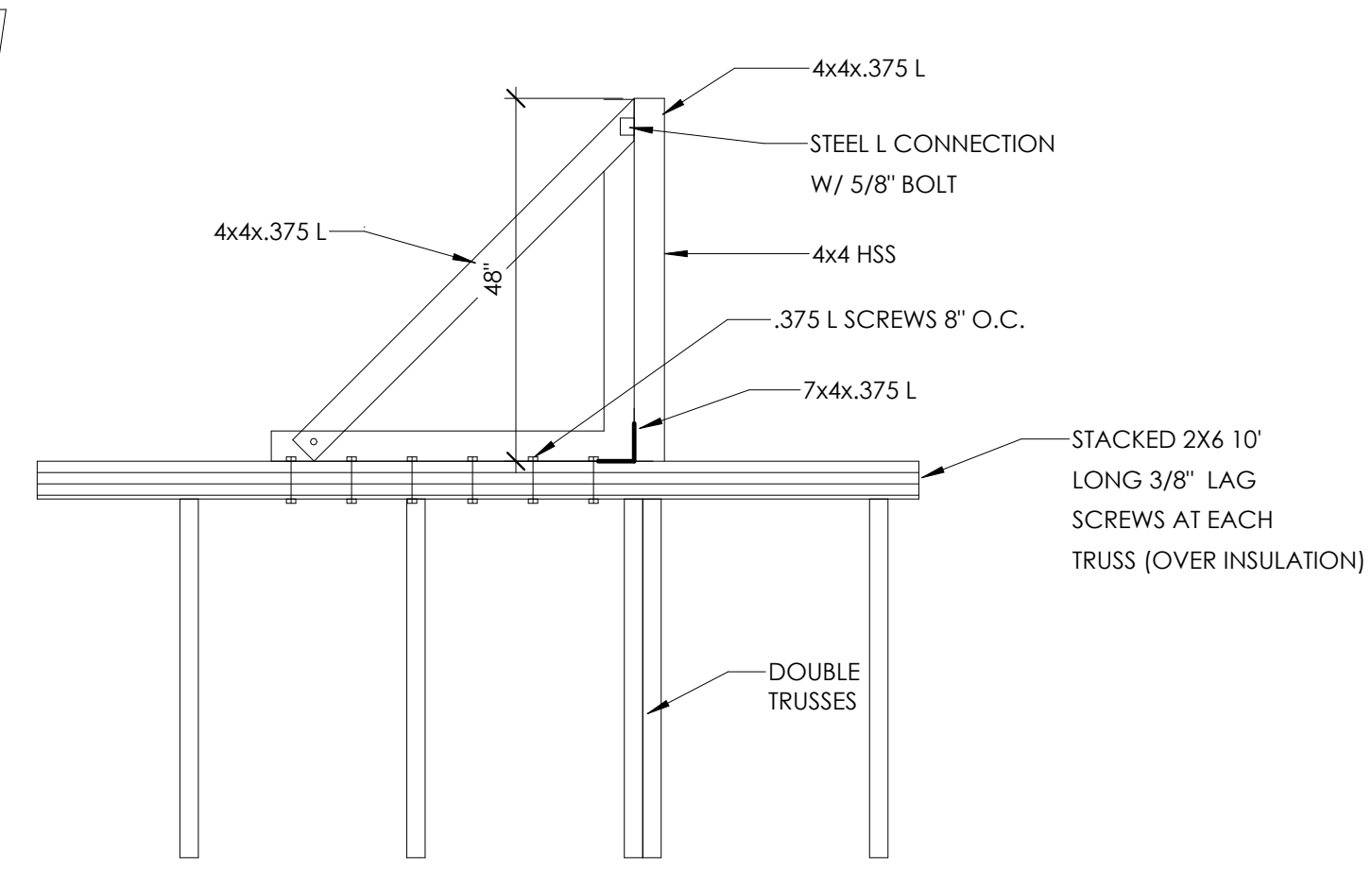
PROJECT 3330 INDIANOLA AVE. COLUMBUS, OH 43214	SHEET TITLE FOUNDATION DETAILS
<small>DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.</small>	
JOB# TG-21666	
SHEET S-1.1	



1 ROOF FRAMING PLAN
1/4" = 1'-0"



3 BRIDGING DETAIL
3/4" = 1'-0"



4 LOUVERED SCREEN FRAMING DETAILS - 1
1/2" = 1'-0"

SHEARWALL SCHEDULE

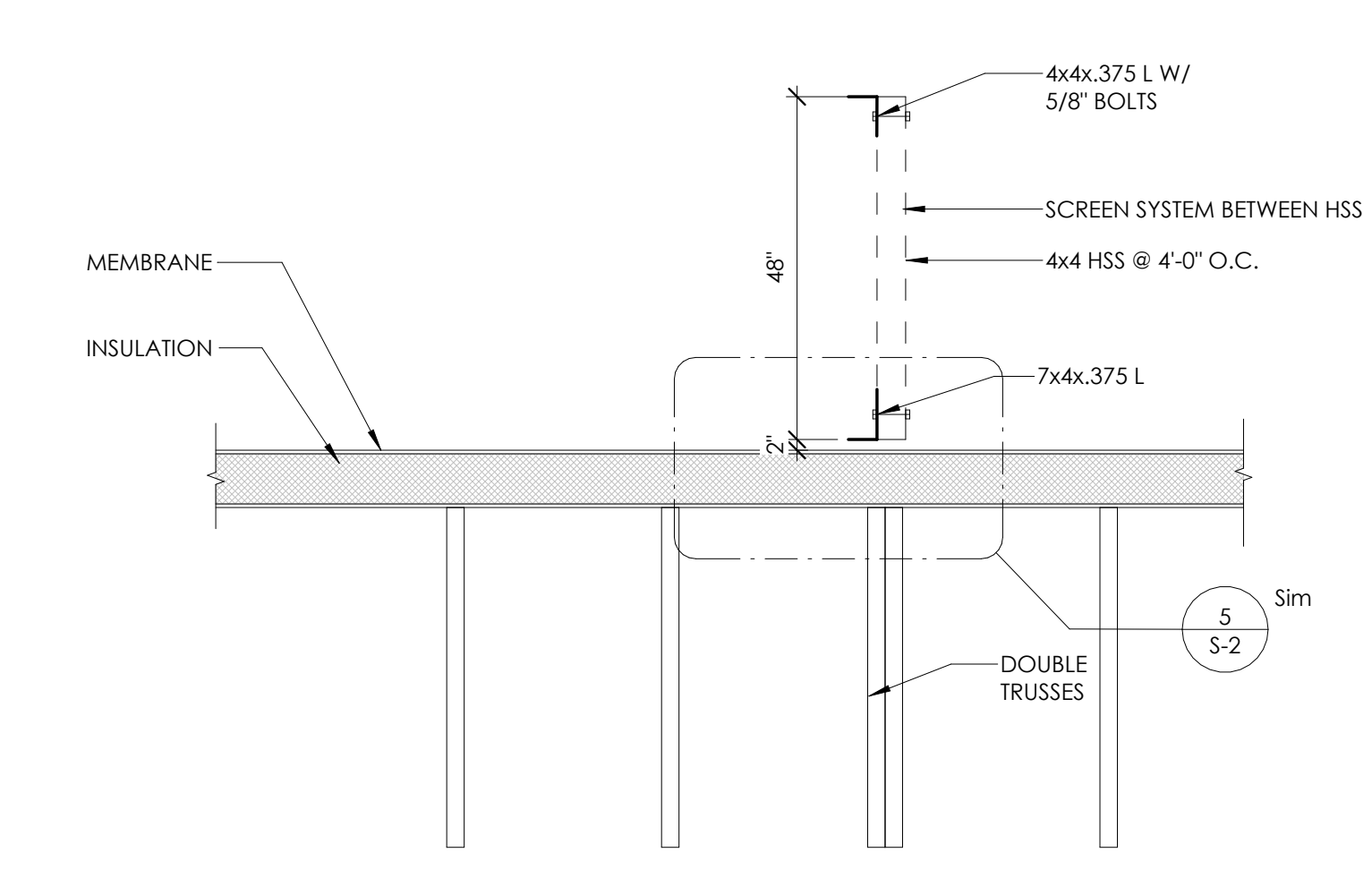
SW1: 2x6 @ 16' O.C. WOOD STUD (BLOCKED) W/ 1/2" PARTICLE BOARD SHEATHING (M.S. EXTERIOR GLUE ON EXTERIOR SIDE W/ 8D NAIL @ 6" O.C. OUTER EDGES & 12" ON THE FIELD.

SW2: 2x6 @ 16' O.C. WOOD STUD (BLOCKED) W/ 1/2" PARTICLE BOARD SHEATHING (M.S. EXTERIOR GLUE ON EXTERIOR SIDE W/ 8D NAIL @ 4" O.C. OUTER EDGES & 12" ON THE FIELD.

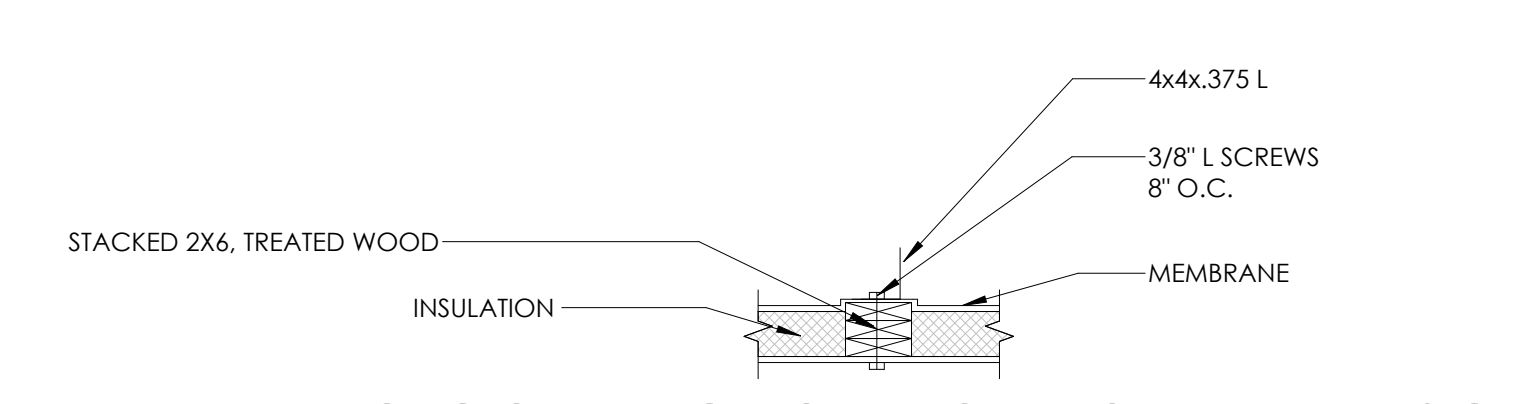
TD1: SIMPSON STRONG TIE LTT19 ON DOUBLE STUD, W/ (8) .148 X 1-1/2 WOOD FASTENERS & 1/2" X 8" (EMBEDMENT) THREADED BAR.

TD2: SIMPSON STRONG TIE LTT19 ON TRIPLE STUD, W/ (18) .148 X 1-1/2 WOOD FASTENERS & 1/2" X 12" (EMBEDMENT) THREADED BAR.

- KEYED NOTES**
- 3/4" SHEATHING, BLOCKED AT PANEL EDGES WITH 8d NAILS AT 6" ON CENTER AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS.
 - PREFAB. WOOD TRUSSES AT 2'-0" O.C. MAX. (TYP) UNLESS NOTED.
 - ROOF OPENING FOR MECHANICAL SYSTEMS, REF. TO MECH. SHEETS FOR SIZE OF ROOF PENETRATIONS.
 - SIMPSON LUS28 JOIST HANGERS
 - LATERAL BRACING AS REQ. BY TRUSS FABRICATOR
 - REFER TO M-2 FOR A/C CURB MOUNTING DETAIL
 - SIMPSON L70 ANGLES AT CONCEALED BEAM CONNECTIONS
 - TRIPLE 2X8s SANDWICHED BETWEEN 2X8 STUDS
 - CENTER LINE OF EXHAUST DUCT, VERIFY LOCATION IN FIELD, VERIFY DUCT SIZE WITH MANUFACTURER.
 - SIMPSON MSTA12 STRAT TIE, TRUSS CHORD EXTENSION TO TRIPLE 2X8s
 - ROOF OPENING FOR ROOF HATCH.
 - DOUBLE TRUSS AT ROOFTOP MECHANICAL EQUIPMENT OPENINGS, VERIFY LOCATION AND SIZE.
 - 6x6 WOOD COLUMN
 - 4x4 HSS POST @ 4'-0" O.C. TO SUPPORT SCREEN WALL
 - (2) 2X8 BETWEEN TRUSSES LUS28 JOIST HANGER EACH END



2 LOUVERED SCREEN DETAILS - 3
1/2" = 1'-0"



5 FRAMING CONNECTION FOR LOUVERED SCREEN
3/4" = 1'-0"

- GENERAL NOTES**
- ROOF OPENINGS FOR A/C UNITS, CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH MFR. AND SUPPLY SHOP DRAWINGS FOR INSTALLATION.
 - IF REMOTE COMPRESSORS ARE USED, CONTRACTOR SHALL COORDINATE INSTALLATION WITH EQUIPMENT MANUFACTURER.
 - SEE SHEET A-5 FOR DETAIL OF SCUPPERS, ROOF DRAINS, ROOF PENETRATIONS AND PITCH PANS.
 - REFERENCE MECHANICAL SHEETS FOR RTU MOUNTING DETAILS.
 - STRUCTURAL DESIGN CRITERIA: REFERENCE GENERAL NOTE, SHEET S-3.
 - TRUSS MANUF. TO SUBMIT SHOP DRAWINGS FOR APPROVAL, PRIOR TO FABRICATION.
 - REFERENCE SHEET S-3 FOR DETAILS OF TRUSS PROFILES.
 - ALL HORIZ. FRAMING LUMBER, INCLUDING 2x JOISTS, BEAMS AND HEADERS SHALL BE DENSE NO. 2 DOUGLAS FIR-LARCH OR BETTER.
 - ALL WOOD STUDS SHALL BE STRUCTURAL NO. 2 DOUGLAS FIR-LARCH OR BETTER.
 - ALL BEAM SPICES SHALL OCCUR OVER SUPPORT COLUMNS.
 - VERIFY EXACT LOCATIONS OF MECHANICAL UNITS WITH MECHANICAL CONTRACTOR.
 - ROOF TRUSSES TO BE 2'-6" MAX. IN DEPTH, IF DEEPER ROOF TRUSSES ARE REQUIRED, PLEASE NOTIFY ARCHITECT IMMEDIATELY.
 - 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.
 - REFERENCE SHEET S-3 FOR STRUCTURAL NOTES.

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PROJECT	3330 INDIANOLA AVE. COLUMBUS, OH 43214
SHEET TITLE	ROOF FRAMING PLAN & DETAILS
JOB#	TG-21666
SHEET	S-2

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A. GENERAL

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

B. GOVERNING CODE: 2017 - OHIO BUILDING CODE

- ROOF SNOW LOADS
 - GROUND SNOW LOAD: $P_g = 20$ PSF. (FIGURE 1608.2)
 - FLAT-ROOF SNOW LOAD: $P_f = 20$ PSF. (ASCE 7, SECT 7.3)
 - SNOW EXPOSURE FACTOR: $C_e = 1.0$ (TABLE 1608.3.1)
 - SNOW LOAD IMPORTANCE FACTOR: $I_s = 1.0$ (TABLE 1604.5)
 - SNOW THERMAL FACTOR: $C_t = 1.0$ (TABLE 1608.3.2)
 - ALL APPLICABLE EFFECTS DUE TO SNOW DRIFTING (SECTION 1608)
- ROOF LIVE LOADS
 - MINIMUM ROOF LIVE LOAD = 20 PSF. (SECTION 1607.11.2)
 - SEE "PREFABRICATED WOOD TRUSSES" DESIGN CRITERIA FOR ADDITIONAL LOADING INFORMATION.
- WIND LOADS
 - BASIC WIND SPEED = 90 MPH (FIGURE 1609)
 - WIND LOAD IMPORTANCE FACTOR: $I_w = 1.0$ (TABLE 1604.5)
 - WIND EXPOSURE CATEGORY "B" (SECTION 1609.4)
- SEISMIC DESIGN DATA:
 - SEISMIC SITE CLASS - BASED ON SECTION 1615.1
 - SEISMIC IMPORTANCE FACTOR: $I_m = 1.0$ (TABLE 1604.5)
 - SITE (SOIL) CLASS - SECTION 1615.1.2
 - STRUCTURAL FRAMING AND SEISMIC RESISTING SYSTEM: LIGHT-FRAMED WALLS WITH SHEAR PANELS (TABLE 1617.6.2, ITEM 1 K)

C. FOUNDATION

- FOUNDATIONS ARE DESIGNED TO BEAR ON NATURAL GRADE OR FILL WELL COMPACTED OF AN ALLOWABLE BEARING CAPACITY, INDICATED ON THE FOUNDATION PLAN.
- A CERTIFIED TESTING LABORATORY SHALL BE ENGAGED BY THE OWNER TO PERFORM SOIL BORINGS, PROVIDE A FOUNDATION REPORT AND VERIFY THAT THE REQUIRED MINIMUM BEARING CAPACITY WAS OBTAINED.
- SAID SOIL CAPACITY SHALL BE CERTIFIED AND TESTED BY A REGISTERED FOUNDATION ENGINEER, PRIOR TO CASTING OF CONCRETE IN THE FOOTINGS.
- BOTTOM OF FOOTING ELEVATION TO BE DETERMINED BY THE SOIL CONDITIONS AND FROST-LINE DEPTH.
- ALL LONGITUDINAL REBARS IN THE WALL FOOTINGS, SHALL BE CONTINUOUS AND SPICED AS SPECIFIED. CONTINUE ALL HORIZONTAL REBARS AT BENTS AND CORNERS BY BENDING THE REBARS 48 BAR DIAMETERS AROUND THE CORNERS OR ADDING MATCHING CORNER BARS, EXTENDING 48 BAR DIAMETERS INTO FOOTING EACH SIDE OF CORNER OR BENT.

D. REINFORCED CONCRETE

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

CLASS	LOCATION	FC	3,000
I.	FOOTINGS, CAISSONS, & GRADE BEAMS		
II.	INTERIOR SLABS ON GRADE, AND ALL INTERIOR CONCRETE NOT OTHERWISE IDENTIFIED	3,500	
III.	PIERS PLACED INTEGRALLY WITH WALLS, EXTERIOR SLABS ON GRADE, AND ALL EXTERIOR CONCRETE (WITH AIR) NOT OTHERWISE IDENTIFIED	4,000	
IV.	BACKFILL BELOW FOOTINGS AND GRADE BEAMS	1,500	

- FIELD MANUAL: PROVIDE AT LEAST ONE COPY OF THE ACI FIELD REFERENCE MANUAL, SP-15, IN THE FIELD OFFICE AT ALL TIMES.
- CONTINGENCIES:
 - PROVIDE SUPPORTS AS REQUIRED TO MAINTAIN ALIGNMENT AND CONCRETE COVER OVER THE REINFORCING.

- FOOTINGS:
 - VERTICAL DOWELS IN FOOTINGS TO MATCH VERTICAL WALL REINFORCING. PROVIDE LEAN CONCRETE (CLASS IV) UNDER FOUNDATIONS FOR ACCIDENTAL OVER-EXCAVATION; SOFT SPOTS AND TRENCHES.
 - SPICES: UNLESS NOTED OTHERWISE, MINIMUM LAP SPICE LENGTHS TO BE AS FOLLOWS:

A.	VERTICAL BARS IN WALLS, PIERS, OR COLUMNS (INCLUDING DOWELS)	30 DIAMETER
B.	HORIZONTAL BARS IN SLABS & FOOTING	35 DIAMETER
C.	HORIZONTAL BARS IN WALL	45 DIAMETER

- SAW-CUT & CONSTRUCTION JOINTS:
 - PROVIDE JOINTS IN ALL SLABS-ON-GRADE, AS INDICATED ON THE FOUNDATION PLAN.
 - CONCRETE COVER: UNLESS NOTED OTHERWISE, DETAIL REINFORCING TO PROVIDE CONCRETE COVER AS FOLLOWS:

A.	CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH:	3
B.	CONCRETE EXPOSED TO EARTH OR WEATHER: #5 BARS AND SMALLER	1-1/2 INCHES
C.	CONCRETE NOT EXPOSED TO EARTH OR WEATHER: BEAM AND COLUMN BARS INCLUDING TIES, STRIPPES AND SPIRALS	1-1/2 INCHES
D.	SLABS, WALLS, JOISTS: #11 BARS AND SMALLER	1 INCH
E.	OTHERS	1-1/2 INCHES

- CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3
- CONCRETE EXPOSED TO EARTH OR WEATHER: #5 BARS AND SMALLER 1-1/2 INCHES
- CONCRETE NOT EXPOSED TO EARTH OR WEATHER: BEAM AND COLUMN BARS INCLUDING TIES, STRIPPES AND SPIRALS 1-1/2 INCHES
- SLABS, WALLS, JOISTS: #11 BARS AND SMALLER 1 INCH
- OTHERS 1-1/2 INCHES

E. STRUCTURAL STEEL

- MATERIALS:
 - STRUCTURAL STEEL: ASTM A36, Fy = 36 KSI; ASTM A572, ANCHOR BOLTS: ASTM A307 OR A306; ELECTRODES: SERIES E70; EXPANSION BOLTS: HILTI "KWIK BOLTS" OR APPROVED EQUAL.
- SPECIFICATIONS: WELDING PERSONNEL AND PROCEDURES ARE TO BE QUALIFIED PER AWS D1.1, UNLESS SPECIFICALLY SHOWN OTHERWISE. DESIGN, FABRICATION AND ERECTION TO BE GOVERNED BY (ALL CODES - LATEST EDITION)
 - AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS.
 - AISC CODE OF STANDARD PRACTICE.
 - STRUCTURAL WELDING CODE, AWS D1.1 - OF THE AMERICAN WELDING SOCIETY.
- CONNECTIONS:
 - CONNECTIONS TO BE DESIGNED BY THE FABRICATOR TO DEVELOP FULL STRENGTH OF MEMBER OR FORCES SHOWN ON THE PLANS, WHICHEVER GOVERNS. FOLLOW INSTRUCTIONS ON DRAWINGS FOR GENERAL ARRANGEMENT OR PARTICULAR DETAILS.
 - GALVANIZING: ALL SHELF ANGLES, LINTELS IN EXTERIOR WALLS, AND ALL EXTERIOR STEEL EXPOSED TO THE ELEMENTS SHALL BE HOT DIP GALVANIZED.
- MISCELLANEOUS:
 - PROVIDE HOLES FOR OTHERS, IF OPENING IS NOT SHOWN ON THE STRUCTURAL DRAWINGS, OBTAIN PRIOR APPROVAL.
 - STEEL SUPPORTING OR CONNECTED TO HVAC AND OTHER EQUIPMENT AND ROOF OPENINGS AS SHOWN ON THE DRAWINGS IS SHOWN FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL RECONCILE EXACT SIZE AND LOCATION BEFORE PROCEEDING WITH HIS WORK.
 - GROUT UNDER BEARING PLATES, BASE PLATES, AND SETTING PLATES TO BE NON-SHRINKING TYPE.
 - STEEL BELOW GRADE TO BE PROTECTED BY A MIN. OF 3 INCHES OF CONCRETE. EMBEDMENT LENGTH OF EXPANSION BOLTS INTO SOLID MASONRY OR CONCRETE SHALL BE AS FOLLOWS:

1/2 INCH DIAMETER BOLTS --- 3 1/2 INCHES EMBEDMENT	3/4
INCH DIAMETER BOLTS --- 5 INCHES EMBEDMENT	

F. MASONRY

- MATERIALS:
 - CONCRETE BLOCK: ASTM C90 (HOLLOW) ASTM C145 (SOLID).
 - MORTAR: ASTM C270 TYPE "S", AVERAGE COMPRESSIVE STRENGTH: 1800 PSI MINIMUM (AT 28 DAYS).
 - BOND BEAM AND CORE FILL: ASTM C476, COARSE TYPE.
 - JOINT REINFORCING: MIL GALVANIZED FINISH, 9 GAGE MINIMUM SIDE WIRES AND CROSS WIRES (LADDER OR TRUSS TYPE).
 - BAR REINFORCING: ASTM A615, GRADE 60.
- REINFORCED MASONRY, WHERE VERTICAL BARS ARE TO BE GROUTED INTO CORES, THE FOLLOWING REQUIREMENTS APPLY:
 - PROVIDE DOMELS FROM FOOTING, SAME SIZE AND SPACING AS WALL BARS. LAP 12 INCHES MINIMUM WITH WALL BAR. EMBED INTO FOOTING 9 INCHES.
 - PROVIDE A CONTINUOUS VERTICAL CAVITY, AT LEAST 2"x3" IN SIZE, FREE OF MORTAR DROPPINGS.
 - AT SPICES IN VERTICAL BARS, PROVIDE MECHANICAL COUPLERS OR 48 DIAMETER LAP.
 - ALL REINFORCEMENT MUST BE INSTALLED AND SECURELY ANCHORED IN PLACE PRIOR TO PLACEMENT OF GROUT.
- MISCELLANEOUS:
 - FILL CORE SOLID AROUND ANCHOR BOLTS.
 - PROVIDE 100% SOLID BLOCKS OR SOLIDLY FILLED HOLLOW BLOCKS AT ALL EXPANSION BOLT LOCATIONS.
 - HOLLOW MASONRY UNITS TO BE LAID WITH FULL MORTAR COVERAGE ON HORIZONTAL AND VERTICAL FACE SHELLS. WEBS SHALL ALSO BE BEDDED IN ALL COURSES IN THE STARTING COURSE ON FOOTINGS, AND WHEN ADJACENT TO CELLS OR CAVITIES TO BE REINFORCED OR FILLED WITH CONCRETE OR GROUT. SOLID UNITS TO BE LAID WITH FULL HEAD AND BED JOINTS.
 - PROVIDE JOINT REINFORCING AT 14 INCHES, EXCEPT AS NOTED.
 - LAP JOINT REINFORCING 6 INCHES FOR STANDARD, 15 INCHES FOR HEAVY WEIGHT.
 - WHERE MASONRY UNITS ARE USED ABOVE HOLLOW UNITS OF A DIFFERENT THICKNESS, PROVIDE A CONTINUOUS COURSE OF 100% SOLID MASONRY (OR SOLID GROUTED BLOCK) AT LEAST 8 INCHES HIGH BELOW TRANSITION.

H. STRUCTURAL LUMBER

A. STUDS: STRUCTURAL LUMBER: DOUGLAS FIR-LARCH #2, OR APPROVED EQUAL:	SIZE	Fb	Ft	Fv	Fc	E
2x4	1,500	825	90	565	1,650	1,600,000
2x6	1,250	725	90	565	1,600	1,600,000
2x8	1,200	650	90	565	1,550	1,600,000
2x10	1,050	600	90	565	1,500	1,600,000
2x12	975	550	90	565	1,450	1,600,000

- ROOF/WALL: ORIENTED STRAND BOARD: STRUCTURAL 1, EXPOSURE 1, EXTERIOR GLUE, FOR ROOF AND WALLS PANEL IDENTIFICATION INDEX 24/16 - 5/8 INCH OR 24/0 - 1/2 INCH (WITH PLYWOOD CLIPS AT ROOF).
- ROOF/WALL: PLYWOOD: C-CPLUGGED, STRUCTURAL 1, EXPOSURE 1, EXTERIOR GLUE FOR ROOF AND WALL PANEL IDENTIFICATION INDEX 24/16-5/8 INCH OR 24/0-1/2 INCH (WITH PLYWOOD CLIPS AT ROOF).
- SILL PLATES: NO. 2 SPRUCE-PINE-FIR, OR EQUAL FC=675 PSI, FV=70 PSI, E= 1,200,000 PSI

- SPECIFICATIONS: UNLESS SPECIFICALLY SHOWN OTHERWISE, DESIGN, FABRICATION AND ERECTION SHALL BE GOVERNED BY THE LATEST REVISIONS OF:
 - NATIONAL DESIGN SPECIFICATION FOR STRESS-GRADE LUMBER AND ITS FASTENINGS.
 - U.S. PRODUCT STANDARD PS-1 FOR SOFTWOOD PLYWOOD - CONSTRUCTION AND INDUSTRIAL.

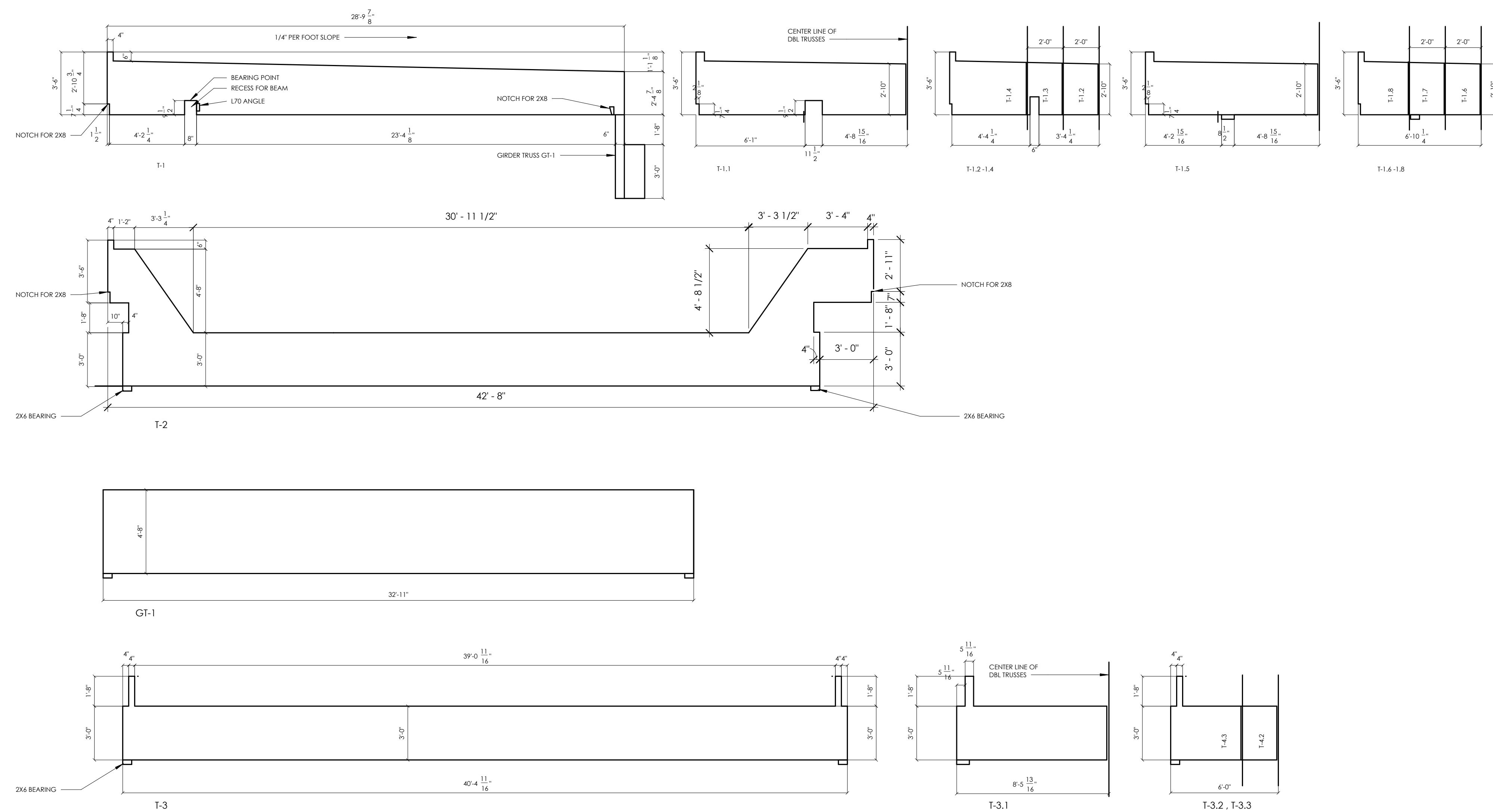
- CONNECTIONS:
 - JOISTS TO BEAMS - 16 GA. GALVANIZED STD. JOIST HANGERS, UNLESS SHOWN OTHERWISE.
 - PLYWOOD TO ROOF TRUSSES OR RAFTERS - NAILED - USE 8d RING SHANK NAILS AT 6 INCHES O/C AT PANEL EDGES AND 12 INCHES C/C AT INTERMEDIATE SUPPORTS. PROVIDE PLYWOOD CLIPS AT MID-SPAN OF PLYWOOD BETWEEN SUPPORTS.

- ALL STRUCTURAL WOOD TO BE SURFACED FOUR (4) SIDES (S-4-S) A AND MAXIMUM MOISTURE CONTENT OF 19 PERCENT.

- ALL LUMBER AND PLYWOOD IN CONTACT WITH CONCRETE, STUCCO, MASONRY OR OTHER CEMENTITIOUS MATERIALS SHALL BE TREATED WITH AN E.P.A. ACCEPTABLE WOOD PRESERVATIVE (SUCH AS "AGC" - ALKALINE-COPPER-QUATERNARY OR "CBA-A" COPPER AZOLE TYPE A & B).

- ALL WOOD CONNECTORS SHALL BE GALVANIZED STEEL OR RUST-PROOF PAINTED STEEL (U.O.N.). ALL GALVANIZED METAL CONNECTORS IN CONTACT WITH TREATED WOOD (ITEM #3) SHALL BE "TRIPLE-ZINC G-185" GALVANIZED. ANY FIELD WELDS (INTERIOR OR EXTERIOR) OF SUCH CONNECTORS SHALL BE WIRE BRUSH CLEANED AND RUST PROOF PAINTED.

- MISCELLANEOUS:
 - USE ONE LINE OF SOLID BLOCKING OR CROSS BRIDGING AT 8'-0" O/C MAX. FOR ALL JOISTS AND RAFTERS. USE SOLID BLOCKING AT JOIST AND RAFTER BEARING.
 - USE SOLID BLOCKING AT MID-HEIGHT FOR ALL EXTERIOR STUD WALLS AND INTERIOR BEARING PARTITIONS.
 - USE DOUBLE STUDS UNDER BEAM AND LINTEL BEARING, UNLESS SHOWN OTHERWISE.

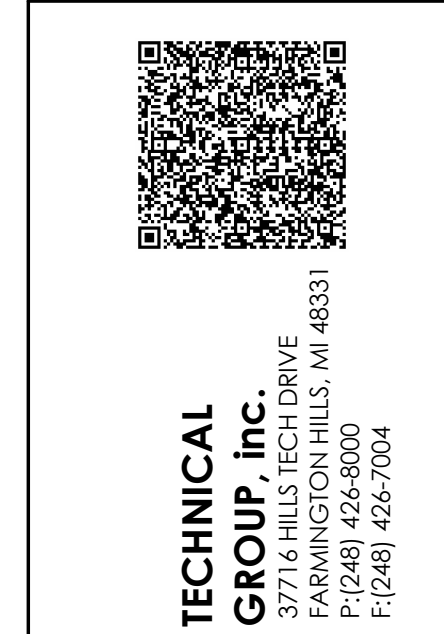


2 TRUSS PROFILES
1/4" = 1'-0"

3 ROOF FRAMING KEY PLAN
1/8" = 1'-0"

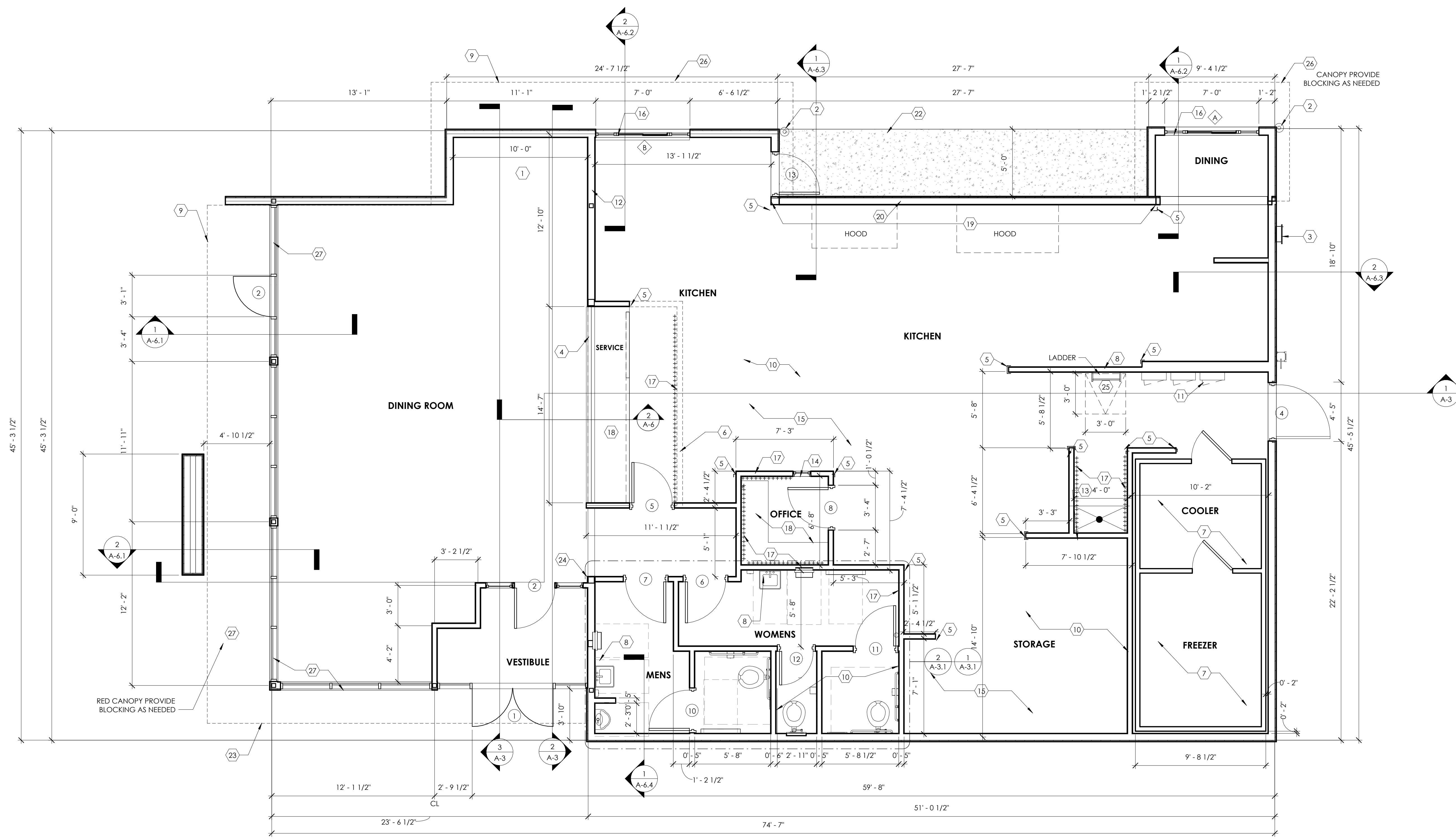
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2	11.30.21	BT	FOR PERMITS
3	11.30.21	BT	FOR PERMITS

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PROJECT	3330 INDIANOLA AVE. COLUMBUS, OH 43214
SHEET TITLE	STRUCTURAL NOTES & DETAILS
JOB#	TG-21666
SHEET	S-3

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

GENERAL NOTES:

- EXTERIOR DIMENSIONS ARE TO FACE OF EXTERIOR STUD. INTERIOR DIMENSION ARE TO STUD.
- OVERALL DIMENSIONS TO EXTERIOR WALLS ARE THE SAME AS TO THE OUTSIDE. FACE OF FOUNDATION WALL BELOW.
- ALL ANGLED WALLS ARE TO 90° UNLESS NOTED OTHERWISE.
- FIRE EXTINGUISHER, SHALL COMPLY WITH APPLICABLE BUILDING CODES AND LOCAL RESTRICTIONS.
- 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.
- FOR DOOR AND WINDOW TYPES, REFER TO SHEET A-7.1.

FLOOR PLAN KEYED NOTES

#	
1	SELF-SERV DRINKS AND CONDIMENT STAND. REFER TO SHEET KITCHEN DRAWINGS.
2	STEEL BOLLARD - REFER TO SHEET S-1.1.
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 INTERIOR DECOR SUPPLIER. MAXIMUM COUNTER HEIGHT = 32" A.F.F.
5	CORNER GUARDS AT ALL OUTSIDE CORNERS IN BACK OF HOUSE - REFER TO DETAIL #4, SHEET A-1.1.
6	MENU BOARD BULKHEAD ABOVE. REFER TO DETAIL 1, SHEET A-6.1.
7	INTERIOR WALK-IN BOX WITH FLOOR ON CONCRETE SLAB. VERIFY SIZE WITH MANUFACTURER
8	PROVIDE ADDITIONAL BLOCKING IN WALLS BEHIND PLUMBING FIXTURES FOR SUPPORT OF WATER LINES (TYPICAL)
9	<varies>
10	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. PROVIDE ALTERNATE BID OF 5/8" USG "FIBEROCK" PANELS IN LIEU OF DUROCK. DIN
11	<varies>
12	<varies>
13	CAN WASH - DUROCK SUBSTRATE ON ALL THREE SIDES. FLOOR TO CEILING. DETAILS A-1.1.
14	OFFICE WINDOW - REFERENCE SHEET A-7.1.
15	TILE FLOOR (REFERENCE SPECIFICATIONS ON INTERIOR DECOR DRAWINGS.)
16	DRIVE-THROUGH SLIDING WINDOW. REFERENCE SHEET A-7.1.

FLOOR PLAN KEYED NOTES

#	
17	***** 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.
18	COUNTER TOP - REFERENCE DETAIL #6, A-1.1.
19	WALLS TO BE METAL STUDS WITH 5/8" DUROCK.
20	STAINLESS STEEL PANELS BELOW AND 18" WIDE AT EACH SIDE OF HOOD SUPPLIED BY HOOD MANUFACTURER AND INSTALLED BY G.C.
21	TYPE-I COOK LINE HOODS - REFER TO HOOD DRAWINGS AND MECHANICAL PLANS.
22	4" CONCRETE WALK BETWEEN DRIVE-THROUGH BUMPOUTS.
23	LINE OF DINING ROOM ROOF OVERHANGS. SEE ROOF PLAN.
24	FURR RESTROOM PARTITION AS REQUIRED TO ALIGN WITH FRONT EDGE OF FRONT COUNTER.
25	ROOF ACCESS LADDER - REFERENCE DETAIL ON SHEET A-5.
26	CANOPY ABOVE. PROVIDE BLOCKING AS NEEDED.
27	RED OPEN CANOPY. PROVIDE BLOCKING AS NEEDED.

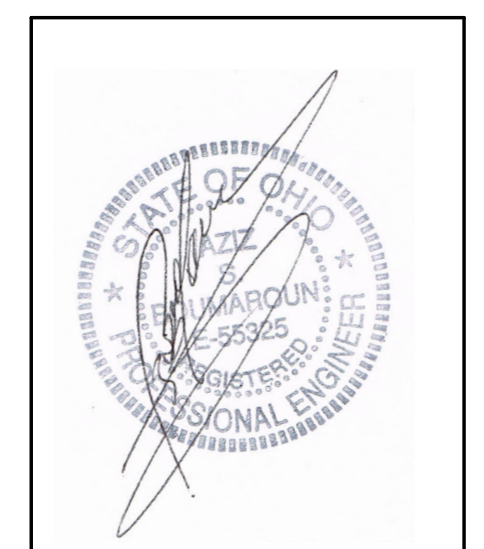
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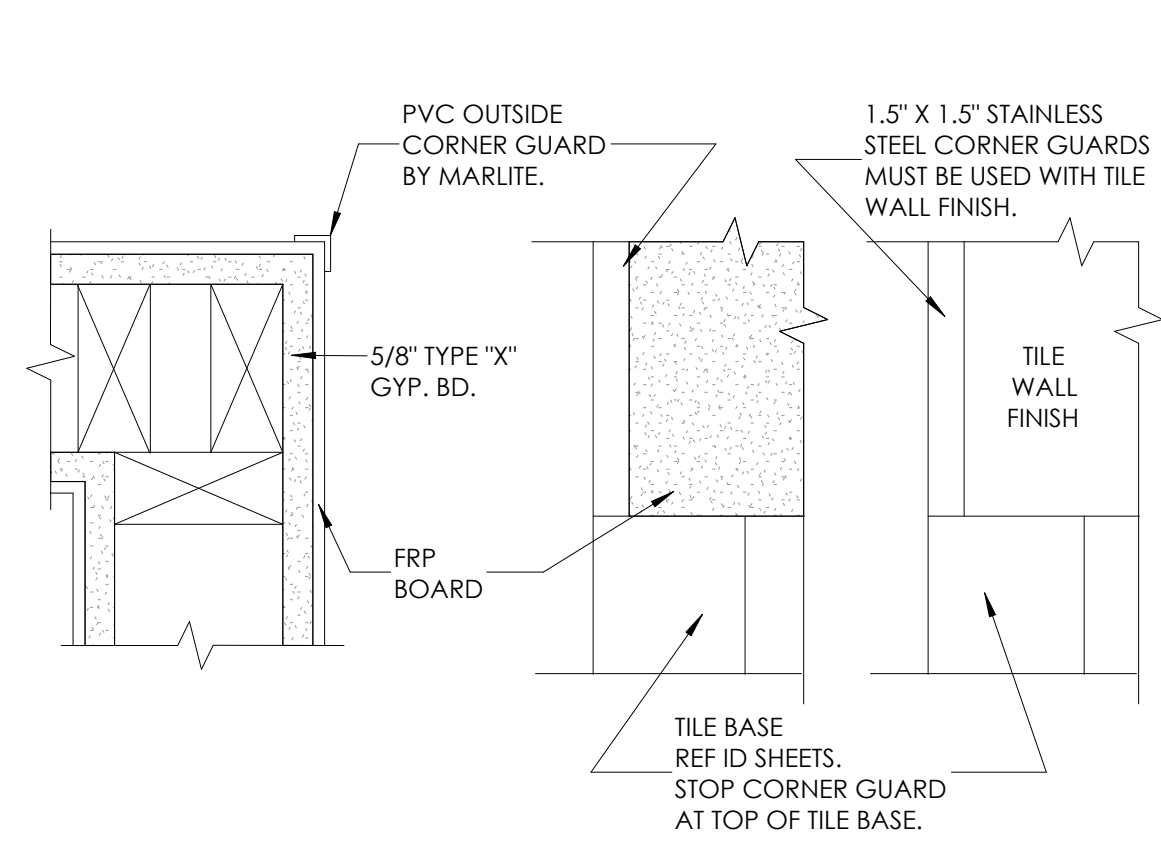
PROJECT
3330 INDIANOLA AVE.
COLUMBUS, OH 43214

SHEET TITLE
FLOOR PLAN

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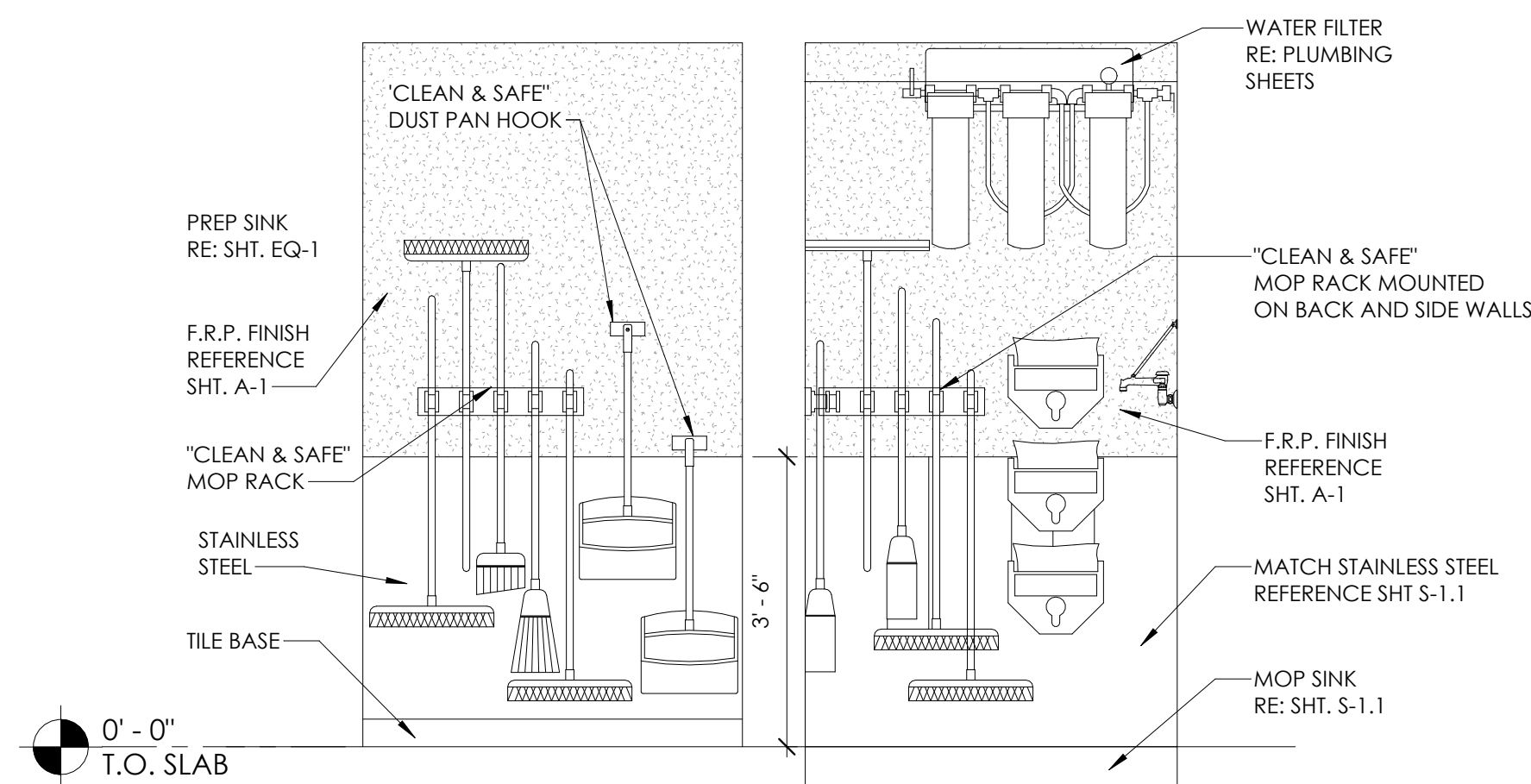
JOB#
TG-21666

SHEET
A-1



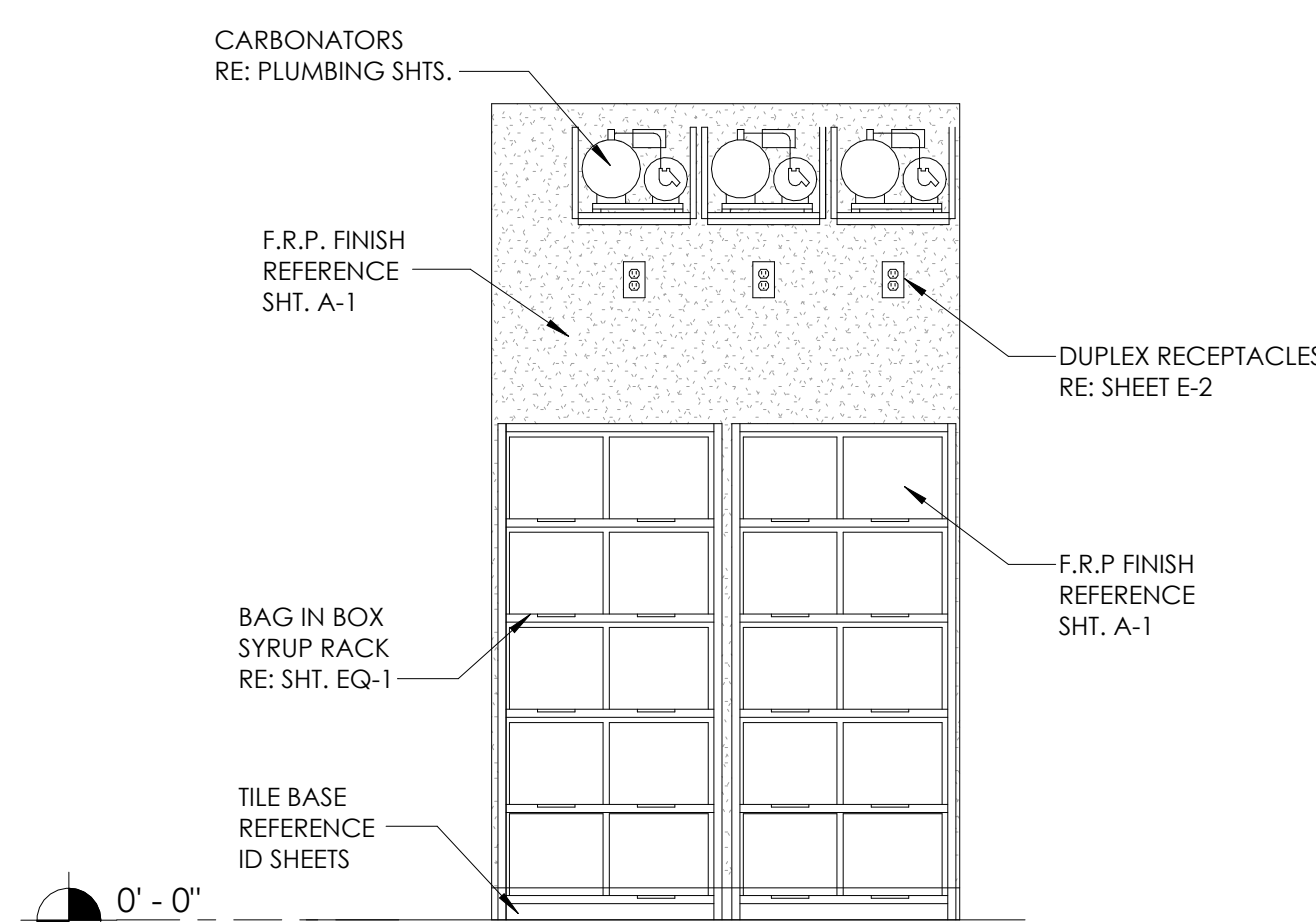
1 CORNER GUARD DETAILS

1 1/2" = 1'-0"



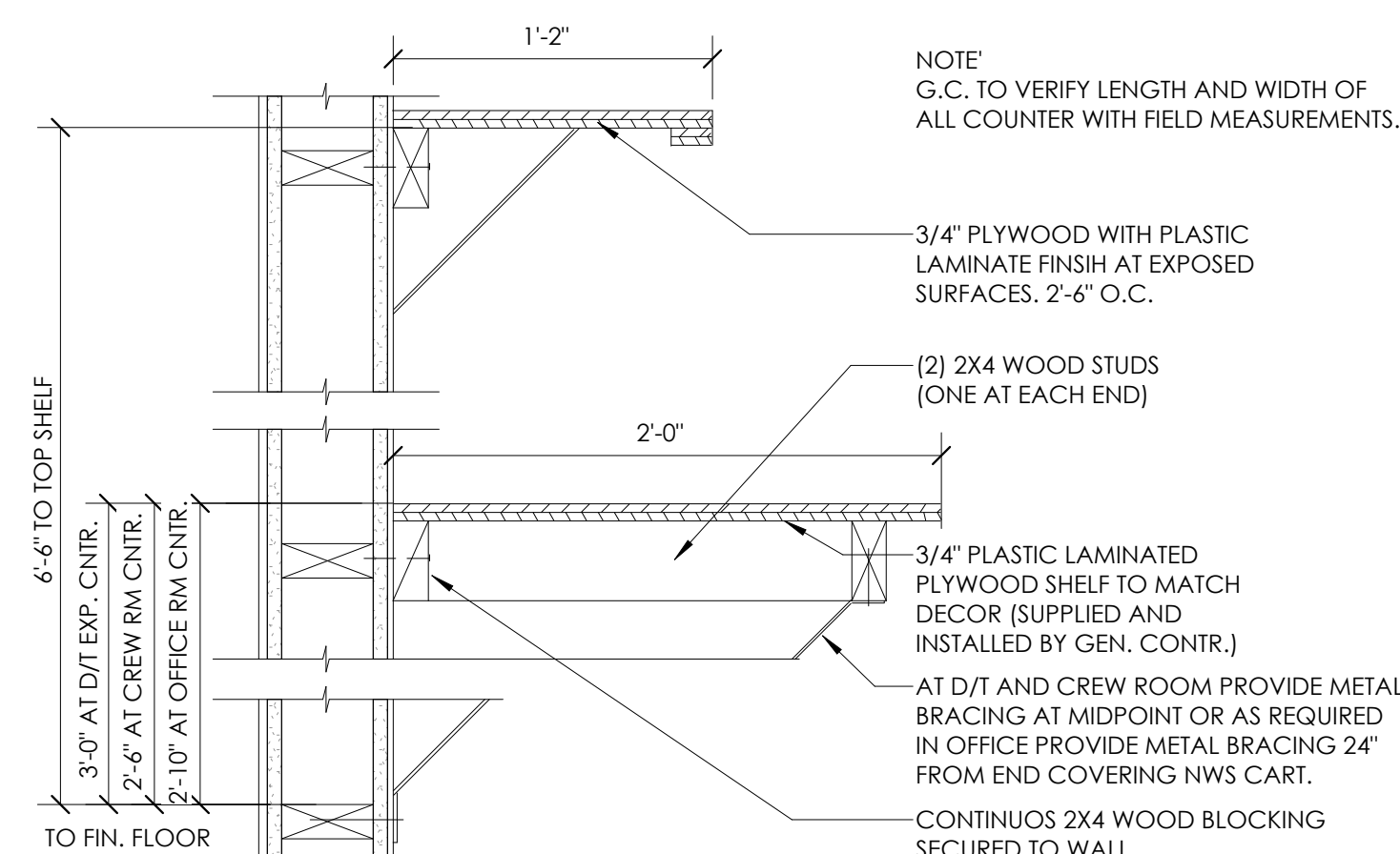
2 MOP SINK ELEVATION

1/2" = 1'-0"



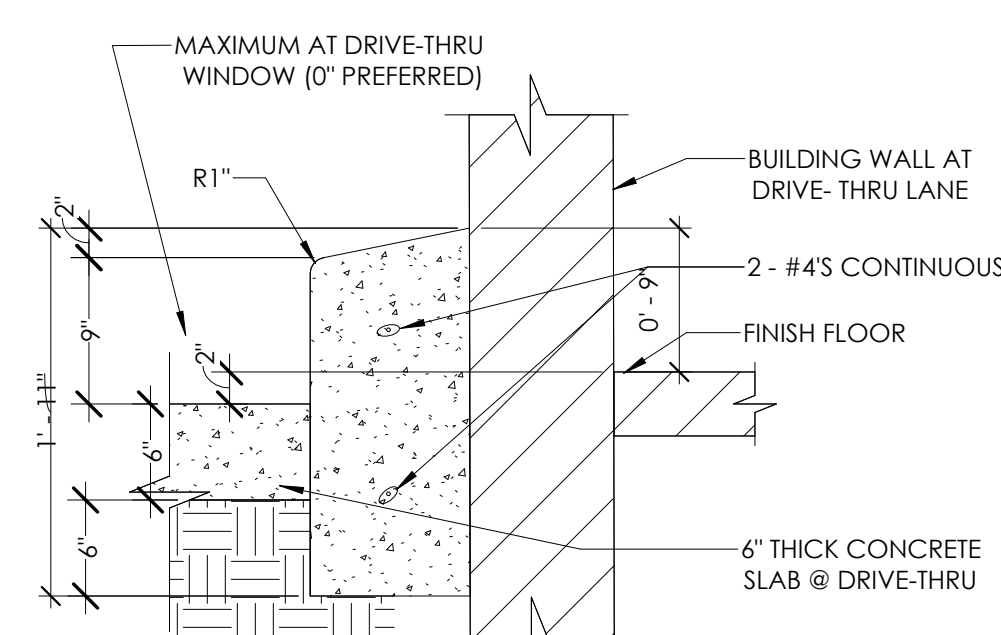
3 CARBONATORS ELEVATIONS

1/2" = 1'-0"



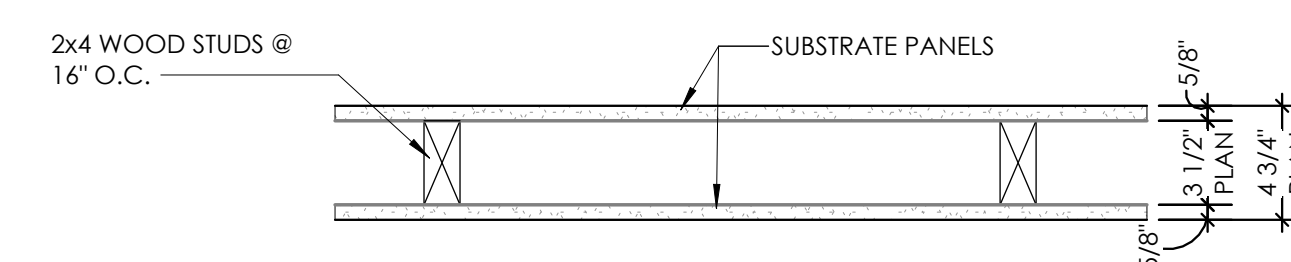
4 OFFICE COUNTER DETAILS

1 1/2" = 1'-0"



5 BARRIER CURB DETAILS

1" = 1'-0"



6 TYP. INTERIOR PARTITION

1 1/2" = 1'-0"

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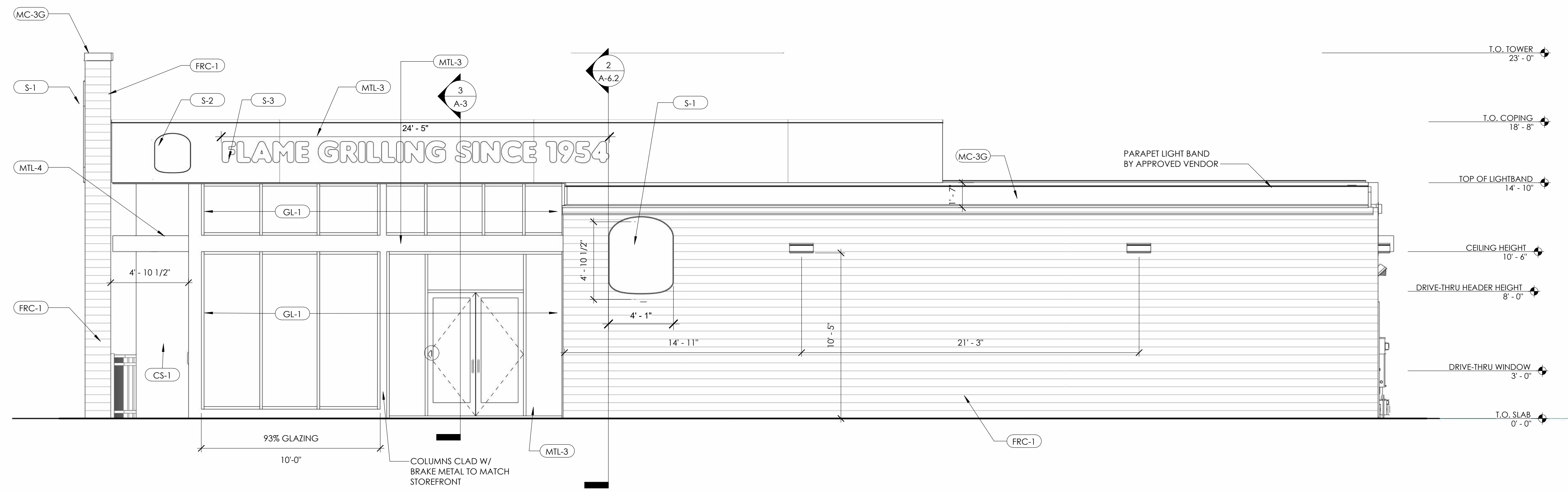
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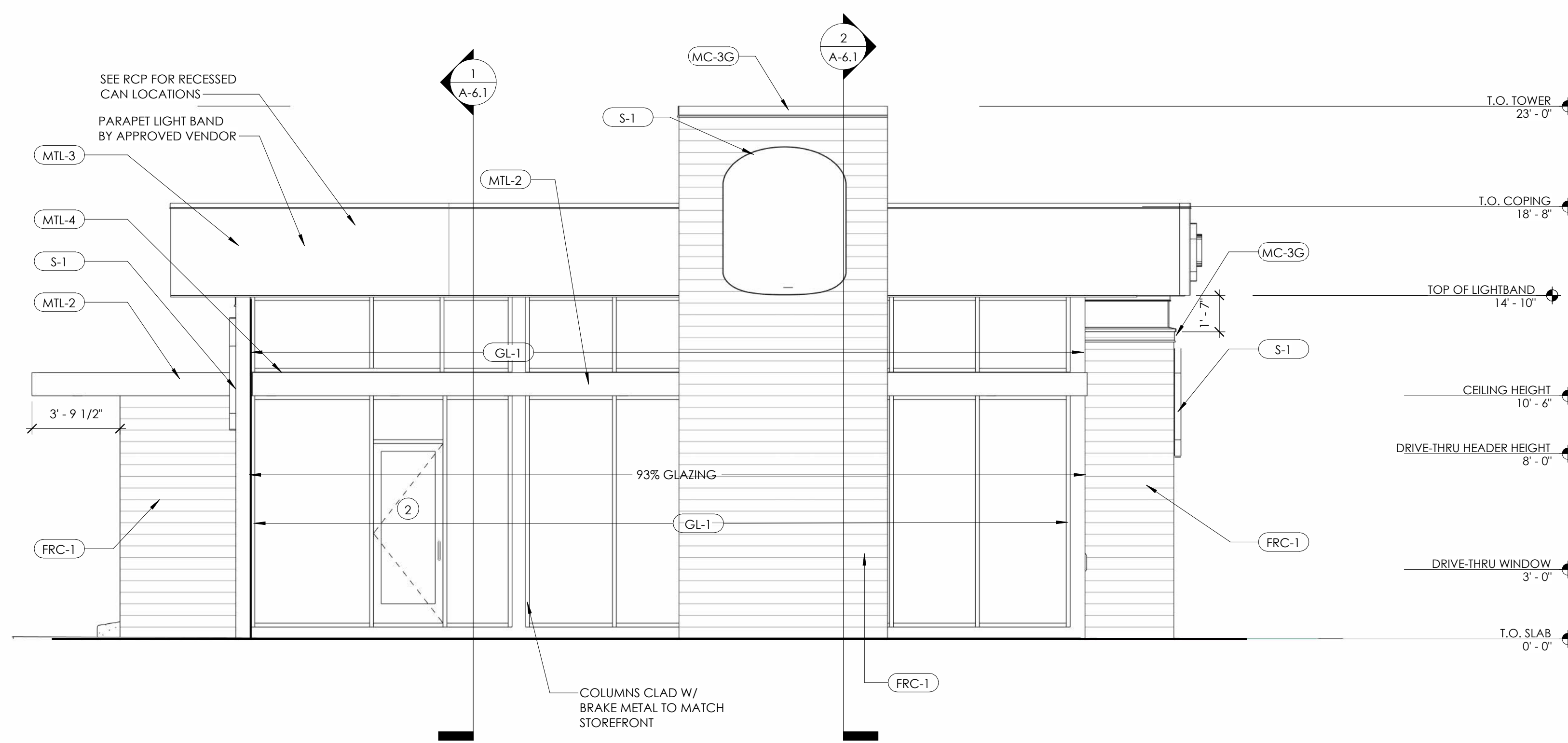
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PROJECT 3330 INDIANOLA AVE. COLUMBUS, OH 43214	SHEET TITLE MISCELLANEOUS DETAILS
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JOB# TG-21666	SHEET A-1.1



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



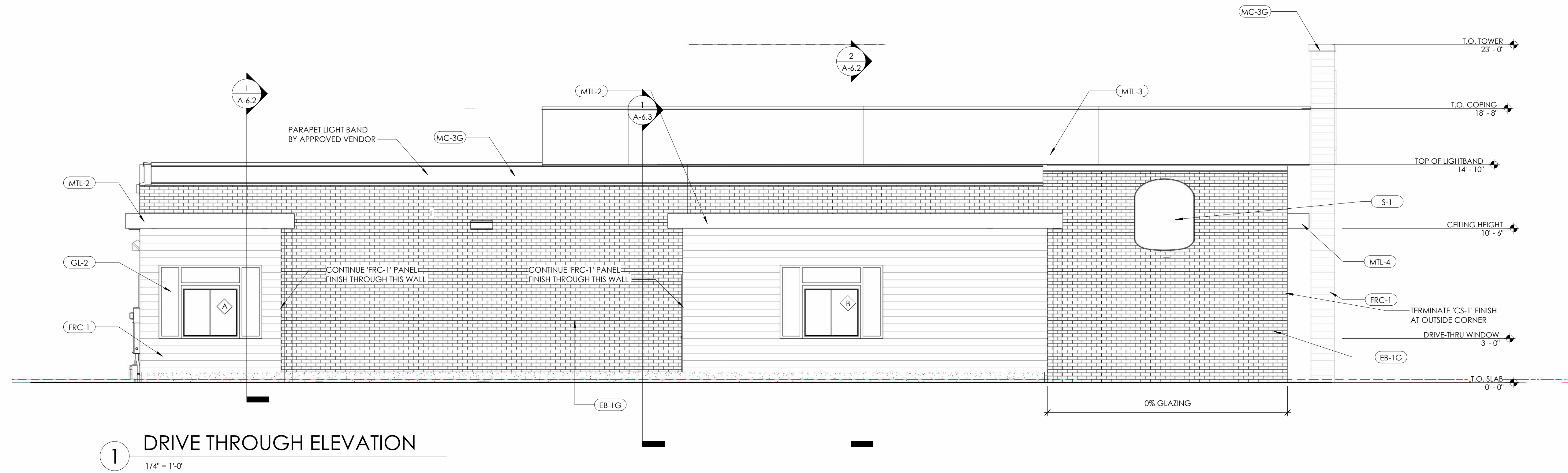
2 FRONT ELEVATION
1/4" = 1'-0"

EXTERIOR METAL	EXTERIOR METAL	EXTERIOR PAINT AND VINYL	EXTERIOR BRICK	EXTERIOR FACED PANELS	SIGNS	
<p>MC-3G METAL COPING MANUFACTURER: W.P. HICKMAN SYSTEMS INC. PRODUCT: PERMASNAP PLUS COLOR: TO MATCH BRICK LOCATION: TOP OF ARCHON & BELOW LIGHTBAND</p> <p>MTL-2 METAL ROOF PANELS DESCRIPTION: METAL FLAT SHEET ROOFING MANUFACTURER: BERRIDGE CONTACT: APPROVED SIGN VENDOR COLOR: RED BRAND ACCENT FINISH: TO MATCH P-1 LOCATION: DRIVE THRU CANOPY</p>	<p>MTL-3 METAL COMPOSITE MATERIAL PANEL DESCRIPTION: COMPOSITE ALUMINUM PANELS MANUFACTURER: APPROVED SIGN VENDOR COLOR/FINISH: SILVER ACM LOCATION: SILVER BAND OVERHANG</p> <p>MTL-4 EXTERIOR TRELLIS DESCRIPTION: OPEN METAL TRELLIS MANUFACTURER: APPROVED SIGN VENDOR CONTACT: APPROVED SIGN VENDOR COLOR/FINISH: RED LOCATION: FRONT ELEVATION</p>	<p>GL-1 ALUMINUM-FRAMED STOREFRONT DESCRIPTION: ALUMINUM WINDOW WALL SYSTEM MANUFACTURER: TRU-LITE OR EQUAL FINISH: ANODIZED ALUMINUM, CLEAR GLAZING LOCATION: DINING AREA - REFER TO ELEVATIONS FOR EXACT LOCATIONS</p> <p>GL-2 DRIVE THRU WINDOWS DESCRIPTION: SELF-CLOSING, SINGLE SLIDING WINDOW MANUFACTURER: READY ACCESS MODEL #275 OR QUIKSERV MODEL #5C4030</p>	<p>P-1 PAINTING MANUFACTURER: PPG COLOR: PPG BK FLAMING RED LOCATION: RED STRIPE NOTE: RED BRAND ACCENT PAINT</p> <p>P-2 BLOK-GUARD & GRAFFITI CONTROL MANUFACTURER: PROSOCCO SURE KLEAN WEATHER SEAL</p> <p>P-3 PAINTING MANUFACTURER: FARROW & BALL COLOR: MANOR HOUSE GRAY NO. 265 LOCATION: BOLLARDS, TRASH AREA NOTE: EXTERIOR DARK WOOD TONE PAINT</p> <p>P-4 VINYL MANUFACTURER: 3M TYPE: WOOD GRAIN COLOR: WG-1222 FINISH: VINYL LOCATION: HANDCRAFTED SCREENS AND DRIVE THROUGH EQUIPMENT</p>	<p>EB-1G THIN BRICK DESCRIPTION: GREY EXTERIOR FINISH MANUFACTURER: FELDHAUS BY UNITED WALL SYSTEM OR APPROVED EQUAL CONTACT: ERIN LYNCH, 916.206.7831 SEAL: P-2 FINISH: FELDHAUS 100 CREAM SMOOTH FINISH LOCATION: GENERAL</p>	<p>FRC-1 FIBER REINFORCED CEMENT PANELS DESCRIPTION: HERITAGE WARM TEXTURED PANELS MANUFACTURER: NICHHA CONTACT: ANDREW BRIGGS, abriggs@nichha.com, 678.654.7002 MATERIAL: VINTAGE WOOD COLOR: CEDAR EPC762F LOCATION: KITCHEN EXTERIOR</p>	<p>S-1 LG BK BUN LOGO 6'-0" - 5'-0"</p> <p>S-2 MEDIUM BK BUN LOGO</p> <p>S-3 FLAME GRILL SINCE 1954</p>

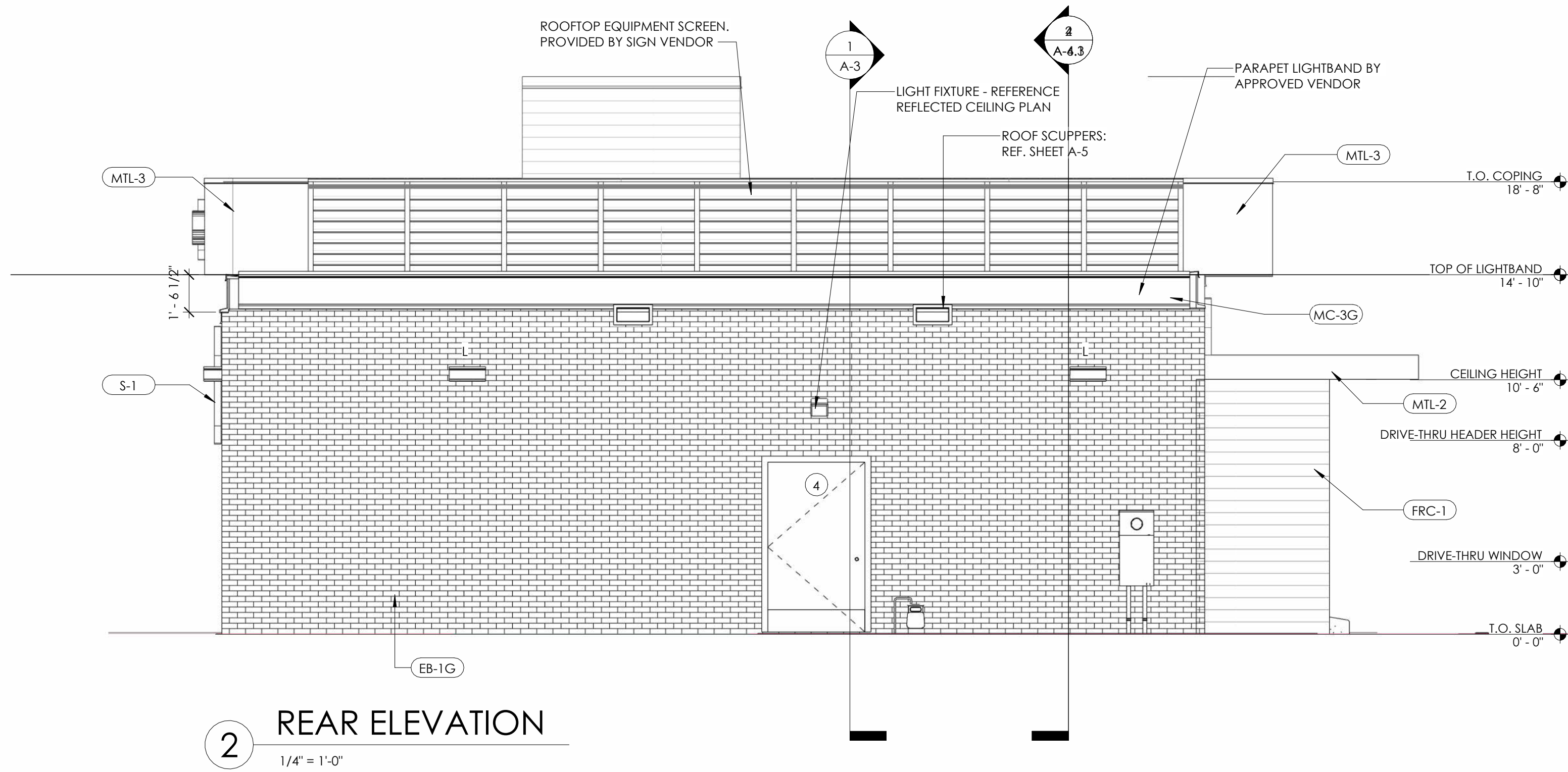
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11.20.21	RT	11.20.21	RT	FOR PLANNING PERIOD
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DATE: 09.22.21				



PROJECT 3330 INDIANOLA AVE. COLUMBUS, OH 43214	SHEET TITLE EXTERIOR ELEVATIONS
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JOB# TG-21666	SHEET A-2



1 DRIVE THROUGH ELEVATION
1/4" = 1'-0"



2 REAR ELEVATION
1/4" = 1'-0"

EXTERIOR METAL	EXTERIOR METAL	EXTERIOR PAINT AND VINYL	EXTERIOR BRICK	EXTERIOR FACED PANELS	SIGNS
<p>(MC-3G) METAL COPING MANUFACTURER: W.P. HICKMAN SYSTEMS INC. PRODUCT: PERMASNAP PLUS COLOR: TO MATCH BRICK LOCATION: TOP OF ARCHON & BELOW LIGHTBAND</p> <p>(MTL-2) METAL ROOF PANELS DESCRIPTION: METAL FLAT SHEET ROOFING MANUFACTURER: BERRIDGE CONTACT: APPROVED SIGN VENDOR COLOR: RED BRAND ACCENT FINISH: TO MATCH P-1 LOCATION: DRIVE THRU CANOPY</p>	<p>(MTL-3) METAL COMPOSITE MATERIAL PANEL DESCRIPTION: COMPOSITE ALUMINUM PANELS MANUFACTURER: APPROVED SIGN VENDOR COLOR/FINISH: SILVER ACM LOCATION: SILVER BAND OVERHANG</p> <p>(MTL-4) EXTERIOR TRELLIS DESCRIPTION: OPEN METAL TRELLIS MANUFACTURER: APPROVED SIGN VENDOR CONTACT: APPROVED SIGN VENDOR COLOR/FINISH: RED LOCATION: FRONT ELEVATION</p>	<p>(GL-1) ALUMINUM-FRAMED STOREFRONT DESCRIPTION: ALUMINUM WINDOW WALL SYSTEM MANUFACTURER: TRU-LITE OR EQUAL FINISH: ANODIZED ALUMINUM, CLEAR GLAZING LOCATION: DINING AREA - REFER TO ELEVATIONS FOR EXACT LOCATIONS</p> <p>(GL-2) DRIVE THRU WINDOWS DESCRIPTION: SELF-CLOSING, SINGLE SLIDING WINDOW MANUFACTURER: READY ACCESS MODEL #275 OR QUIKSERV MODEL #5C4030</p>	<p>(P-1) PAINTING MANUFACTURER: PPG COLOR: PPG BK FLAMING RED LOCATION: RED STRIPE NOTE: RED BRAND ACCENT PAINT</p> <p>(P-2) BLOK-GUARD & GRAFFITI CONTROL MANUFACTURER: PROSOCCO SURE KLEAN WEATHER SEAL</p> <p>(P-3) PAINTING MANUFACTURER: FARROW & BALL COLOR: MANOR HOUSE GRAY NO. 265 LOCATION: BOLLARDS, TRASH AREA NOTE: EXTERIOR DARK WOOD TONE PAINT</p> <p>(P-4) VINYL MANUFACTURER: 3M TYPE: WOOD GRAIN COLOR: WG-1222 FINISH: VINYL LOCATION: HANDCRAFTED SCREENS AND DRIVE THROUGH EQUIPMENT</p>	<p>(EB-1G) THIN BRICK DESCRIPTION: GREY EXTERIOR FINISH MANUFACTURER: FELDHAUS BY UNITED WALL SYSTEM OR APPROVED EQUAL CONTACT: ERIN LYNCH, 916.206.7831 SEAL: P-2 FINISH: FELDHAUS 100 CREAM SMOOTH FINISH LOCATION: GENERAL</p>	<p>(FRC-1) FIBER REINFORCED CEMENT PANELS DESCRIPTION: HERITAGE WARM TEXTURED PANELS MANUFACTURER: NICHHA CONTACT: ANDREW BRIGGS, abriggs@nichha.com, 678.654.7002 MATERIAL: VINTAGE WOOD COLOR: CEDAR EPC762F LOCATION: KITCHEN EXTERIOR</p> <p>(S-1) LG BK BUN LOGO 6'-0" - 5'-0"</p> <p>(S-2) MEDIUM BK BUN LOGO</p> <p>(S-3) FLAME GRILL SINCE 1954</p>

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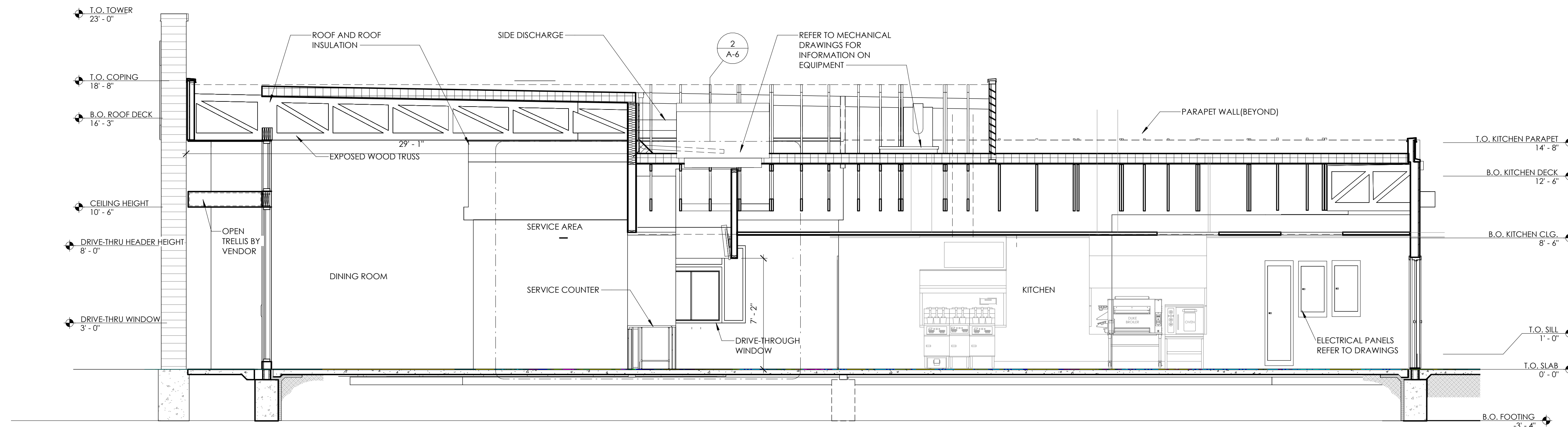
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EXTERIOR ELEVATIONS

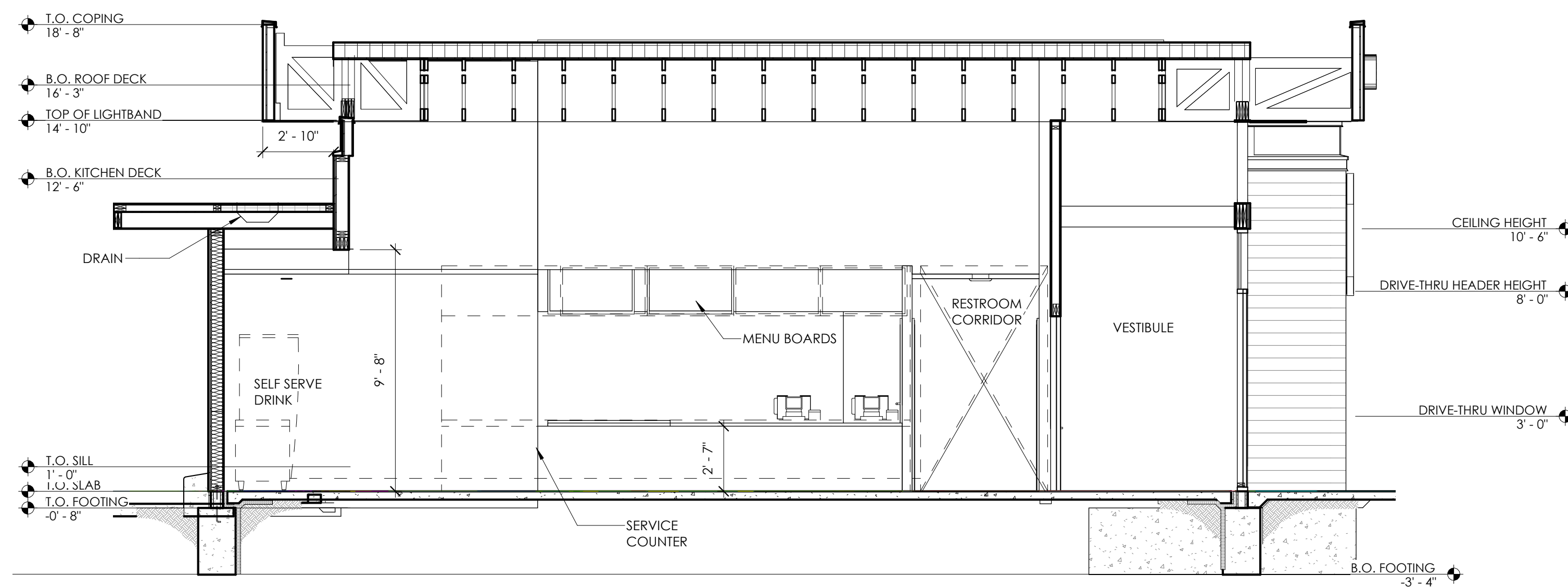
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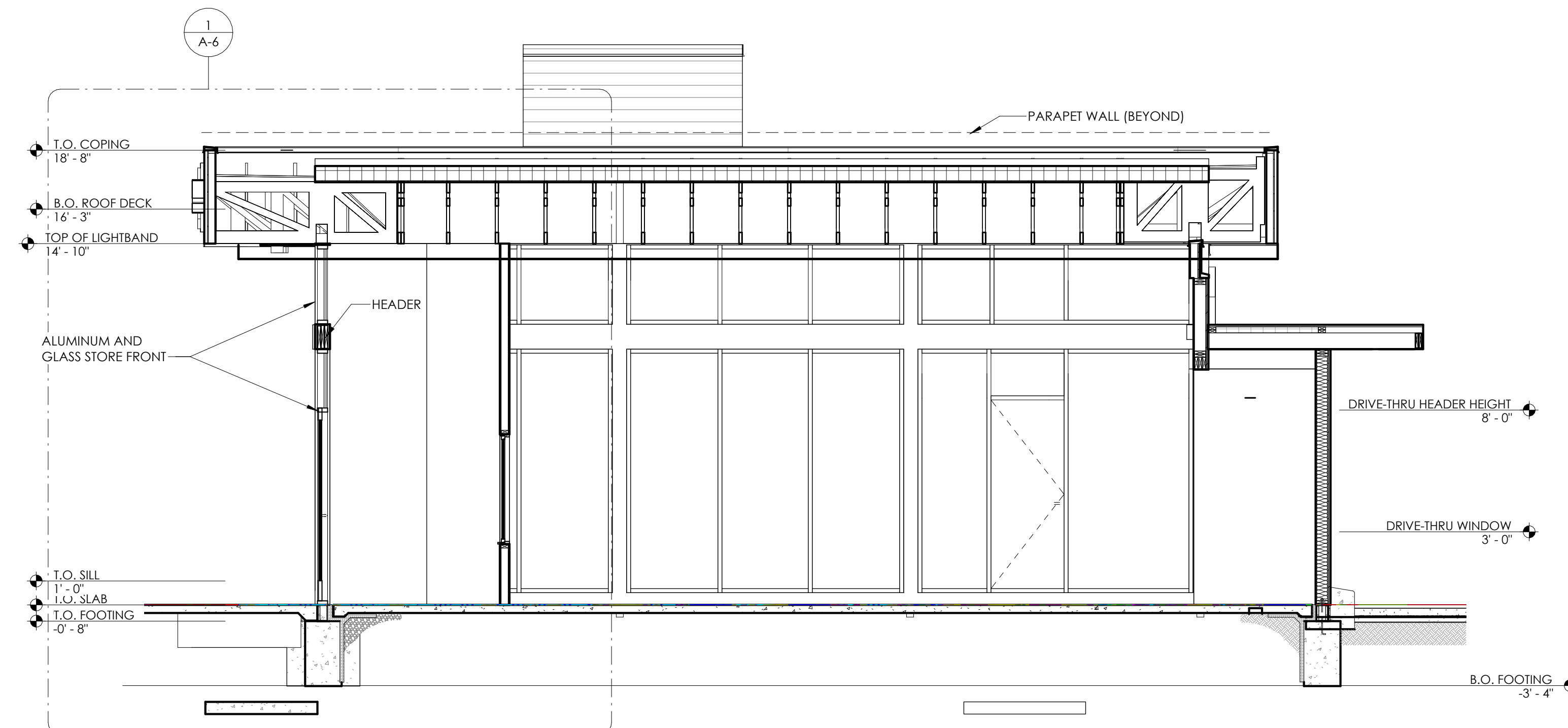
SHEET
A-2.1



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



2 BUILDING SECTION 2
1/4" = 1'-0"



3 BUILDING SECTION 3
1/4" = 1'-0"

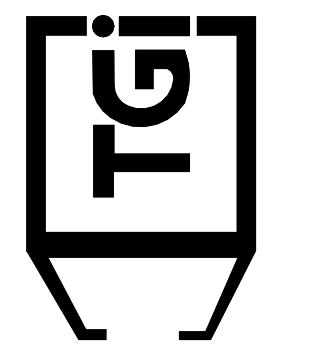
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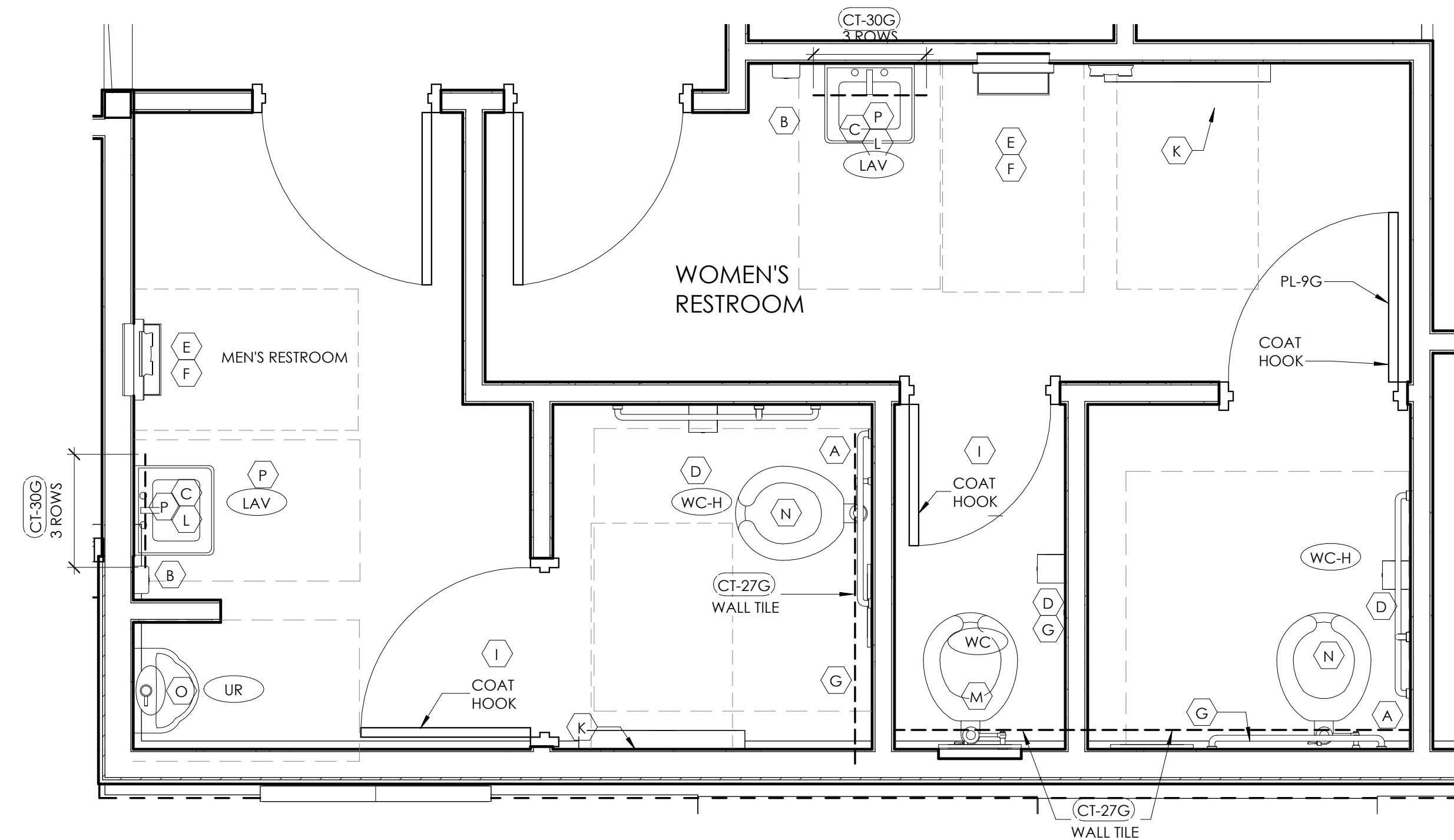
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SHEET TITLE
BLDG.
CROSS-SECTIONS/INTERIOR ELEV.

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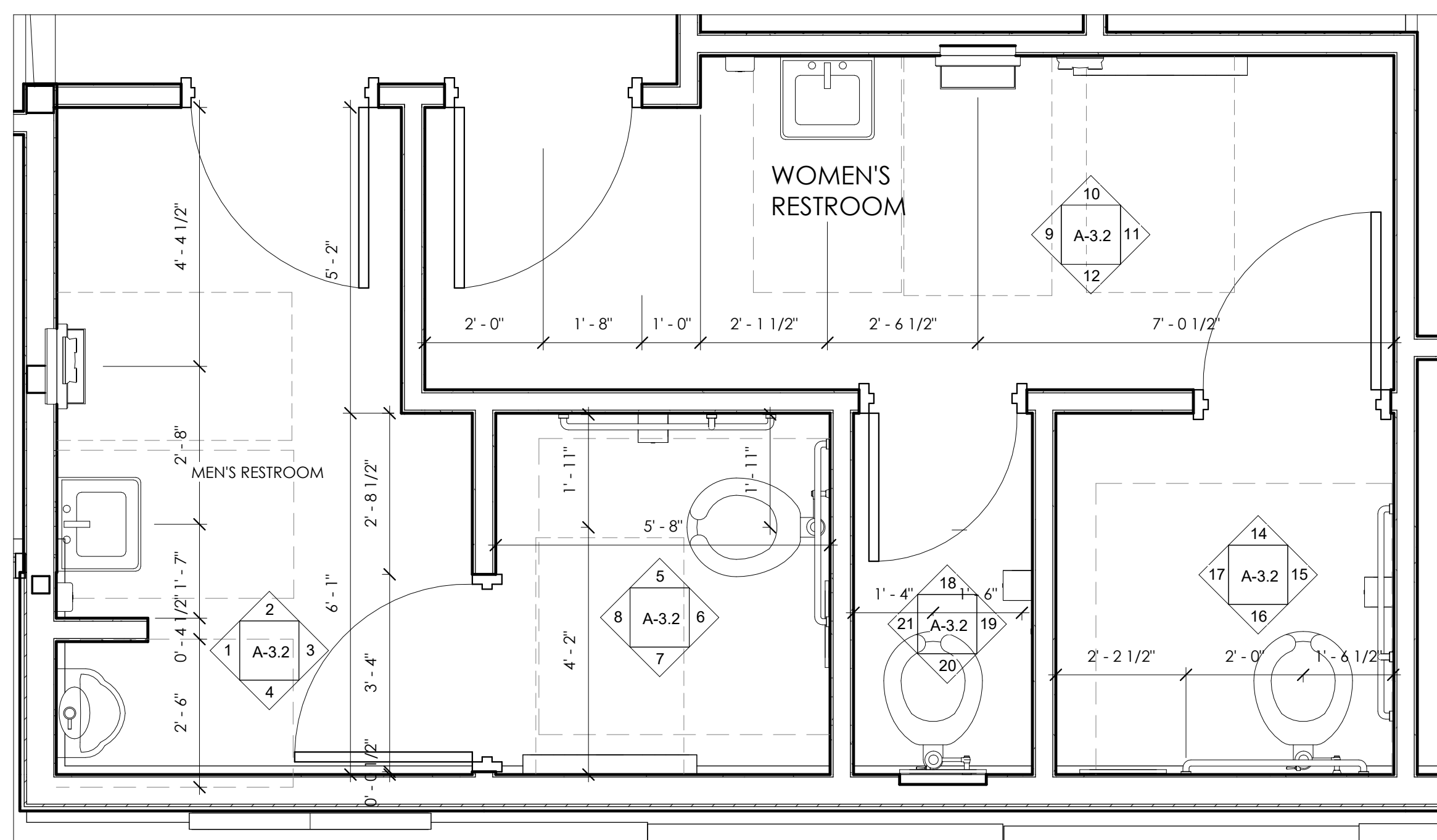
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A-3

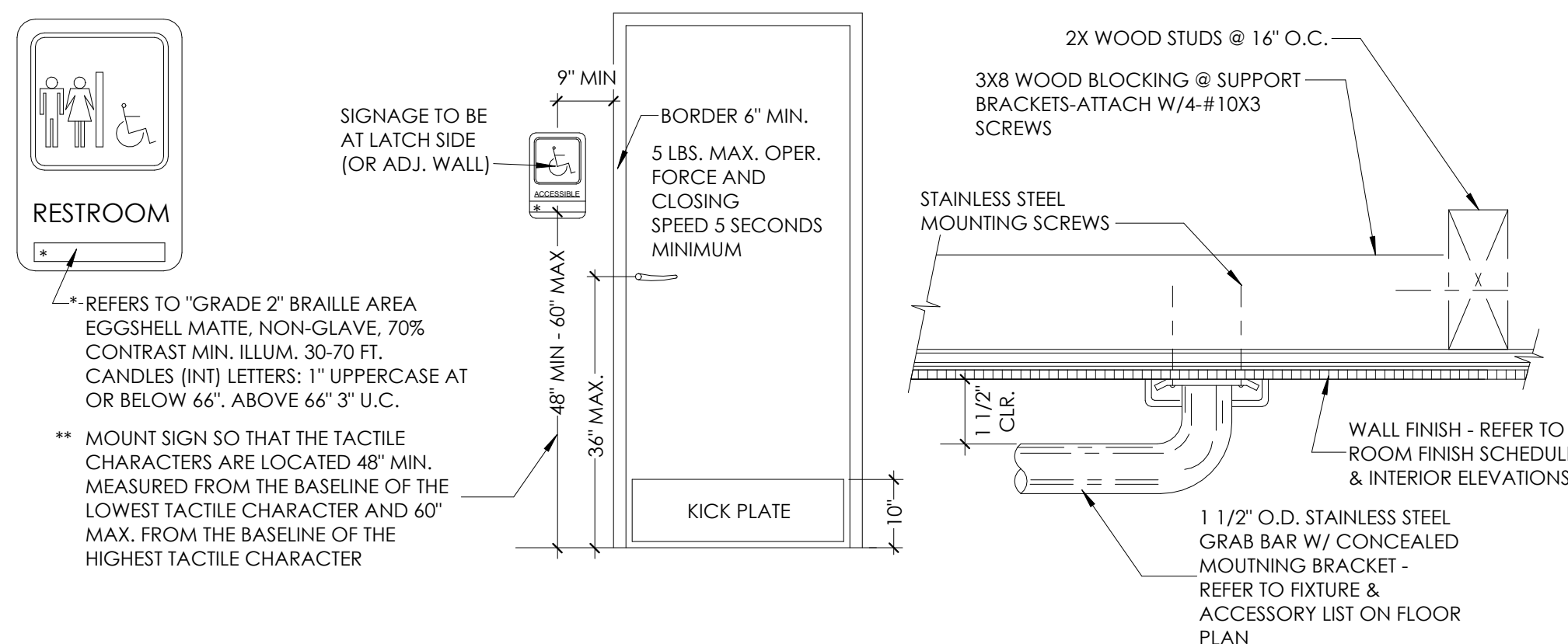


TYPICAL FINISHES
 * CT-27G FLOOR TILE
 CT-27G BASE TILE
 TR-1G
 CT-28G WALL TILE

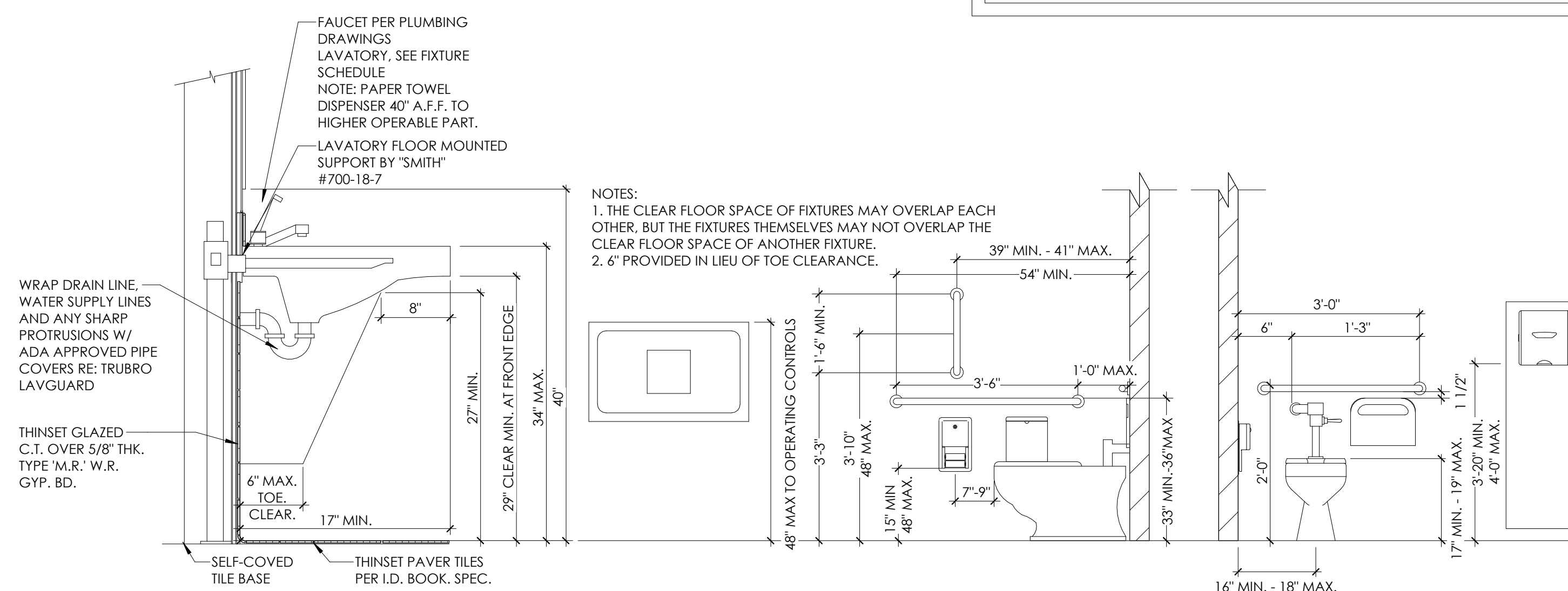
1 RESTROOM PLAN
 1/2" = 1'-0"



2 RESTROOM PLAN w/ DIMENSION
 1/2" = 1'-0"



3 ADA RESTROOM DETAILS
 1/2" = 1'-0"



4 ADA RESTROOM DETAILS 2
 1/2" = 1'-0"

FINISH SCHEDULE					
MARK	MATERIAL	LOCATION	MANUFACTURER	SPECIFICATION	COLOR
CT-27G	CERAMIC TILE	RESTROOM FLOORS & WALLS 12" x 24" STACKED	EUROWEST	TCG1224027SQ	SIMPLY GRAY HONED (RECTIFIED)
TR-1G	QUADEC ALUMINUM BASE TILE TRIM	RESTROOM FLOOR AT BASE	SCHLUTER	Q100AT, 3/8"	
CT-28G	CERAMIC TILE	WALLS, 6" x 24"	EUROWEST	IRG0624123	LARCH US (FRENCH WOOD)
CT-30G	CERAMIC TILE	WALLS BEHIND MIRROR, 12" x 24"	EUROWEST	ED5052, SENSIBLE STONE SERIES	SIGN RED NATURAL
GR-15	GROUT	ALL WALLS AND FLOORS	CUSTOM BUILDING PRODUCTS	FUSION PRO SINGLE COMPONENT	#335 WINTER GRAY 1/16"
P-5G	PAINT	RR CEILING	PPG	PRIMER: 6-4900X1 PAINT: 6-4310X1	SPEEDHIDE ZERO VOC IN LATEX SATIN SPEEDHIDE ZERO VOC, WHITE ON WHITE 30GY 88/014
P-4G	PAINT	DOOR FRAMES	PPG	PRIMER: 90-712 PITT TECH	SPEEDHIDE INT/EXT WB ALKYD SEMI GLOSS; COLOR: ASHEN PPG1023-3
PL-9G	LAMINATE	TOILET DOORS, INTERIOR OF RR DOOR; TOILET DOORS	NEVAMAR		1 5/16" WK00171 VENERABLE OLD OAK, (GRAIN)

** ALL FINISHES ARE SUBJECT TO DECOR VENDOR UPDATES.

TOILET ROOM KEY NOTES

- 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. OPTION 2: BOBRICK #B-2012, AUTOMATIC WALL MOUNT DISP.
 - 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-2888, SUPPLIER - HAINES JONES & CADBURY. OPTION 2: 9" TWIN JUMBO MODEL #S8250 BY NORTH AMERICAN CORPORATION.
 - E PAPER WASTE RECEPTACLE: (REQUIRED) MODEL B-3644 AS MANUFACTURED BY BOBRICK OR APPROVED EQUIVALENT, (ROUGH OPENING 17-3/16" x 30-5/8" x 6-1/8" (2" MIN)) OPTION 2: BOBRICK #B-3974.
 - F REQUIRED - PAPER TOWEL DISPENSER: BOBRICK B-359 SUPPLIED BY HAINES JONES & CADBURY AND INSTALLED BY THE G.C. OPTIONAL: (IN ADDITION TO PAPER TOWEL DISPENSER): ELECTRIC HAND DRYER: ASI ROVAL SERIES AUTOMATIC TOUCH-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 #1-1490BK AT EACH HAND SINK IN KITCHEN.
 - G TOILET SEAT COVER DISPENSER: BOBRICK B-221, SUPPLIER - HAINES JONES & CADBURY
 - H URINAL SCREEN: (OPTION 1) NEVAMAR WK00171 COLOR: VENERABLE OLD OAK (OPTION 2) BOBRICK 1080/1180 DURALINE SERIES #EO-09 COLOR: BLACK
 - I SANITARY NAPKIN DISPOSAL: BOBRICK B-734, 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 36-47" 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-S5WM (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. OPTION 2: TOTO #TEL05-D10E.
 - M WATER CLOSET: AMERICAN STANDARD - MADERA FLOWISE 15" HEIGHT ELONGATED FLUSHOMETER TOILET, SUPPLIER - HAINES JONES & CADBURY. OPTION 2: AMERICAN STANDARD # 61475M121.002
 - 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. OPTION 2: AMERICAN STANDARD #6062.101.002
 - P LAVATORY: CUSTOM THROUGH SINK "GLACIER WHITE" COMMERCIAL INTERIORS MANUFACTURING (CIM) OR HAINES JONES & CADBURY
- OPTIONAL:
 TOILET STALL PARTITIONS: NEVAMAR WK00171 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.

GENERAL NOTES

- A. FOR INTERIOR FINISHES, REFER TO INTERIOR DECOR DRAWINGS.
- B. PLUMBING FIXTURES TO BE PROVIDED BY THE GENERAL CONTRACTOR.
- C. ALL PLUMBING FIXTURES, FACUETS 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

GENERAL TOILET ROOM NOTES

1. MINIMUM ONE W/C PER RESTROOM MUST BE ACCESSIBLE IN COMPLIANCE w/ ANSI 604 ADA 604 AS SHOWN.
2. LAVATORIES SHALL BE MOUNTED WITH THE RIM OR COUNTER SURFACE NO HIGHER THAN 34" ABOVE THE FINISHED FLOOR AND WITH A CLEARANCE OF AT LEAST 29" FROM THE FLOOR TO THE BOTTOM OF THE APRON WITH KNEE CLEARANCE UNDER THE FRONT UP EXTENDING A MINIMUM OF 30" IN WIDTH AND 8" MINIMUM DEPTH AT THE TOP. TOE CLEARANCE SHALL BE THE SAME WIDTH AND SHALL BE A MINIMUM OF 9" HIGH FROM THE FLOOR AND MINIMUM OF 17" DEEP. (IBC 1108.13 & ANSI 606 ADA 606)
3. HOT WATER AND DRAIN PIPES, ACCESSIBLE UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACE UNDER LAVATORIES (ANSI 606.6 ADA 606.5)
4. CONTROLS FOR WATER CLOSET FLUSH VALVES SHALL BE MOUNTED ON THE OPEN SIDE OF TOILET AREAS. (ANSI 604.6 ADA 604.6)
5. WATER CLOSET AND URINAL FLUSH VALVE CONTROLS, AND FAUCET AND OPERATING MECHANISM CONTROLS, SHALL BE OPERABLE WITH ONE HAND, SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST, AND SHALL BE MOUNTED NO MORE THAN 46" ABOVE THE FLOOR. (ANSI 604.6 ADA 604.6)
6. THE FORCE REQUIRED TO ACTIVATE WATER CLOSET AND URINAL FLUSH VALVE CONTROLS, FAUCET AND OPERATING MECHANISM CONTROLS, SHALL BE NO GREATER THAN 5 LBS. (ANSI 309.4 ADA 309.4)
7. WHERE TOWEL, SANITARY NAPKINS, WASTE RECEPTACLES, AND OTHER SIMILAR DISPENSING AND DISPOSAL FIXTURES ARE PROVIDED, AT LEAST ONE OF EACH TYPE SHALL BE LOCATED WITH ALL OPERABLE PARTS, INCLUDING COIN SLOTS, WITHIN 46" FROM THE FINISH FLOOR. (ANSI 309.4 ADA 309.4)
8. REINSTALL COMPARTMENT FIXTURES (TISSUE DISP., SAN, NAPKIN DISP.) ACCESSIBLE TOILET PAPER DISPENSERS SHALL COMPLY WITH ANSI 309.4 AND SHALL BE 7" MINIMUM AND 9" MAXIMUM IN FRONT OF THE WATER CLOSET. THE OUTLET OF THE DISPENSER SHALL BE 15" MINIMUM AND 48" MAXIMUM ABOVE THE FLOOR OR GROUND. THERE SHALL BE A CLEARANCE OF 1 1/2" MINIMUM BELOW AND 12" MINIMUM ABOVE THE GRAB BAR. DISPENSERS SHALL NOT BE OF A TYPE THAT CONTROL DELIVERY, OR THAT DO NOT ALLOW CONTINUOUS PAPER FLOW. (ANSI 604.7 ADA 604.7)
9. GRAB BARS AT THE SIDE SHALL BE AT LEAST 42" LONG POSITIONED NO MORE THAN 12" FROM THE REAR WALL. GRAB BARS AT THE BACK SHALL BE NOT LESS THAN 36" LONG. VERTICAL GRAB BARS TO BE 18" IN LENGTH AND 39-41" AFF AND POSITIONED 39-41" FROM REAR WALL. (IBC 1607.7 & ANSI 604.8.4.1 ADA 604.8.1.5)
10. THE DIAMETER OR WIDTH OF THE GRIPPING SURFACE OF A GRAB BAR SHALL BE 1 1/4" TO 1 1/2" OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE. IF GRAB BARS ARE MOUNTED ADJACENT TO A WALL, THE SPACE BETWEEN THE WALL AND THE GRAB BARS SHALL BE 1 1/2". (ANSI 609.2 ADA 609.2)
11. THE GRAB BAR AND ANY WALL OR OTHER SURFACE ADJACENT TO IT SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS. EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8" (ANSI 609.5 ADA 609.5)
12. CONTRACTOR SHALL PROVIDE BACKING PLATES AT TOILET FIXTURES, LAVATORIES, GRAB BARS, AND TOILET PARTITION ANCHORAGE AREAS PER MANUFACTURERS REQUIRED STANDARDS. (TYPICAL, NO EXCEPTIONS)

INT. SYM. OF ACCESSIBILITY



NOTE:
 THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE THE STANDARD USED TO IDENTIFY FACILITIES THAT ARE ACCESSIBLE TO AND USABLE BY PHYSICALLY DISABLED PERSONS.
 1. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL CONSIST OF A WHITE FIGURE ON A BLUE BACKGROUND. THE BLUE SHALL BE EQUAL TO COLOR NO. 15099 IN FEDERAL STANDARD 598B.
 2. LETTERS AND NUMBERS ON SIGNS SHALL HAVE A WIDTH-TO-HEIGHT RATIO OF BETWEEN 3/5 AND 1/1 AND A STROKE WIDTH-TO-HEIGHT RATIO BETWEEN 1/5 AND 1/10.
 3. CHARACTERS AND NUMBERS ON SIGNS SHALL BE SIZED ACCORDING TO THE VIEWING DISTANCE FROM WHICH THEY ARE TO BE READ. THE MINIMUM HEIGHT IS MEASURED USING AN UPPER CASE X. LOWER CASE CHARACTERS ARE PERMITTED. FOR SIGNS SUSPENDED OR PROJECTED ABOVE THE FINISH FLOOR.
 4. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND, EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BKGROUND.

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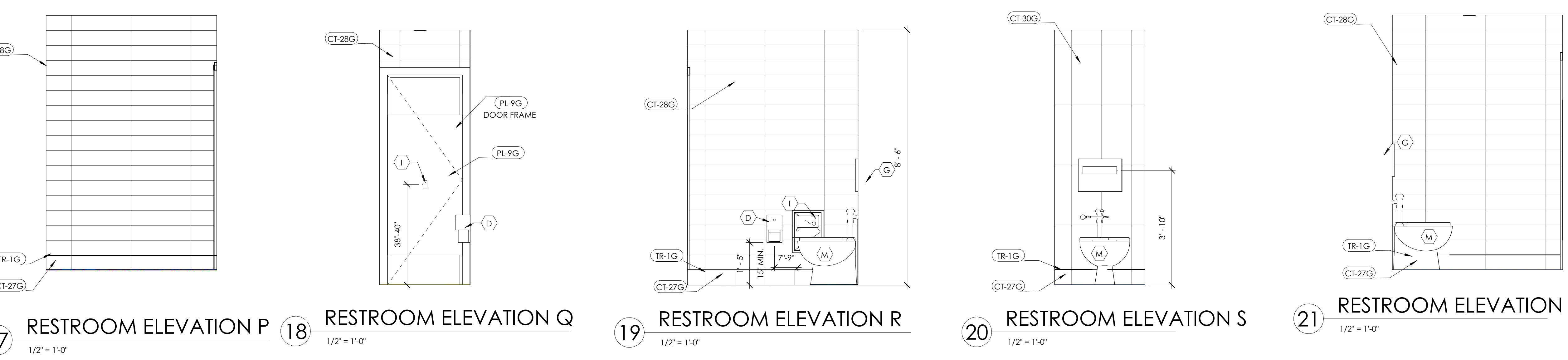
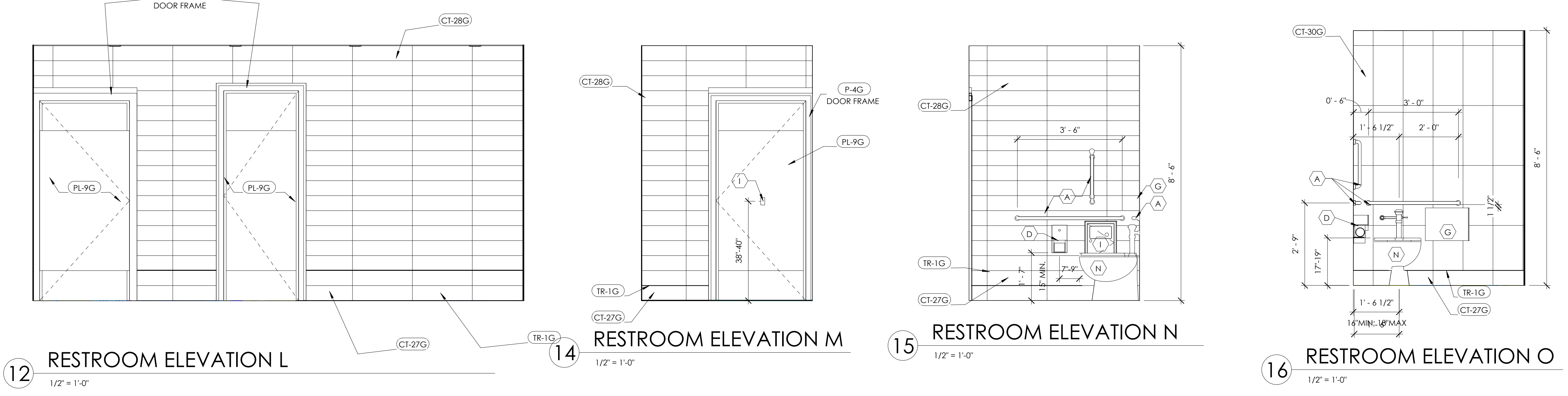
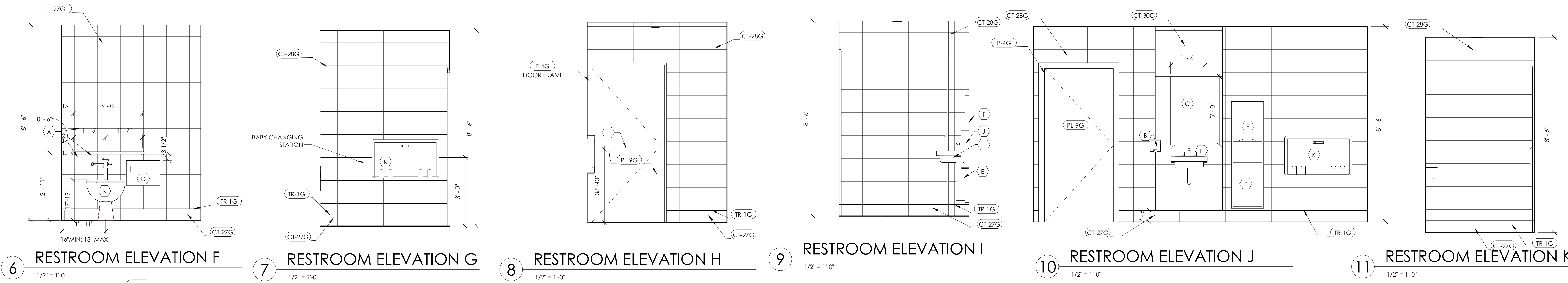
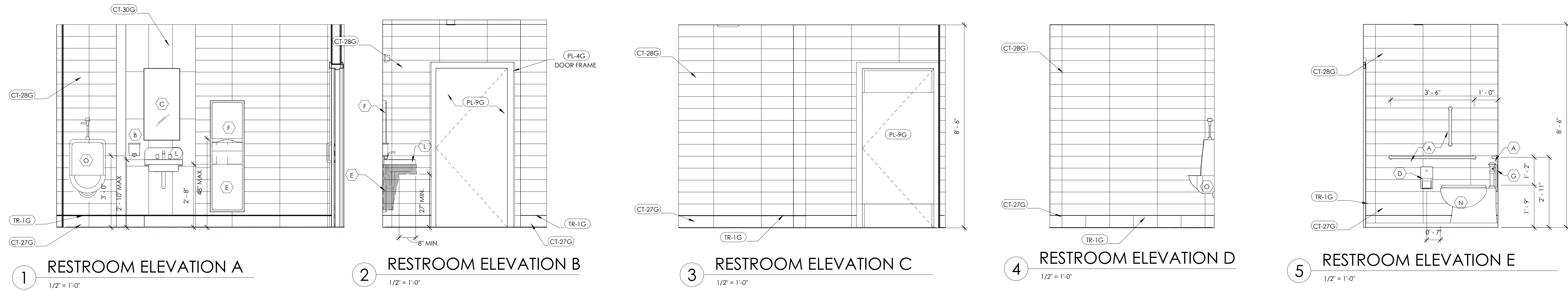
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 1000 W. WASHINGTON HILLS, WI 48833
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PROJECT	3330 INDIANOLA AVE. COLUMBUS, OH 43214
SHEET TITLE	RESTROOM PROPOSED LAYOUTS
JOB#	TG-21666
SHEET	A-3.1



GENERAL NOTES

A. FOR INTERIOR FINISHES, REFER TO INTERIOR DECOR DRAWINGS.

B. PLUMBING FIXTURES TO BE PROVIDED BY THE GENERAL CONTRACTOR.

C. ALL PLUMBING FIXTURES, FACETS 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.

TOILET ROOM KEY NOTES

A. GRAB BAR - 250 LBF, MINIMUM 33" MIN. - 36" MAX. HEIGHT TO THE TOP OF THE GRIPPING SURFACE. BOBRICK WASHROOM EQUIPMENT, INC. 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 & HAND SANITIZER DISPENSER (48" MAXIMUM HEIGHT) SUPPLIED BY ECOLAB AND INSTALLED BY G.C. THE HIGH FORWARD REACH SHALL BE 48" MAX. WHERE THE REACH DEPTH IS 20" MAX. WHEN THE REACH DEPTH EXCEEDS 20", THE HIGH FORWARD REACH SHALL BE 44" MAX. AND THE REACH DEPTH SHALL BE 25" MAX. NOTE: SOAP AND HAND SANITIZER DISPENSERS TO BE PROVIDED AT EACH KITCHEN HANDSINK.

C. MIRROR (BOTTOM OF REFLECTIVE SURFACE AT 40" MAXIMUM HEIGHT) BOBRICK B-165 2436 STAINLESS STEEL CHANNEL FRAME MIRROR WITH THEFT RESISTANT SCREWS BY BOBRICK WASHROOM EQUIPMENT, INC., OR APPROVED EQUIVALENT.

D. RECESSED MULTI-ROLL TOILET TISSUE DISPENSER BOBRICK B-3888 SHALL BE INSTALLED 7" MIN AND 9" MAX FROM THE FRONT OF THE WATER CLOSET TO THE CENTER OF THE DISPENSER. THE OUTLET SHALL BE 15" MINIMUM AND 48" MAX ABOVE THE FINISHED FLOOR AND SHALL NOT BE LOCATED BEHIND THE GRAB BARS. (WHERE RECESS IS NOT AN OPTION USE BOBRICK B-2888 SURFACE MOUNT)

E. RECESSED PAPER WASTE RECEPTACLE (REQUIRED) MODEL B-3644 AS MANUFACTURED BY BOBRICK WASHROOM EQUIPMENT, INC., OR APPROVED EQUIVALENT. (ROUGH OPENING: 16"W, 29 1/4"H, 4"D MIN)

F. SURFACE MOUNTED PAPER TOWEL DISPENSER TO BE INSTALLED.

G. TOILET SEAT COVER DISPENSER: BOBRICK B-3013 RECESSED SEAT COVER DISPENSER, STAINLESS STEEL.

H. SANITARY NAPKIN DISPOSAL: BOBRICK B-353 RECESSED SANITARY NAPKIN DISPOSAL (WHERE RECESS IS NOT AN OPTION USE BOBRICK B-354 PARTITION MOUNTED)

I. COAT HOOK: BOBRICK B-6717 SURFACE-MOUNTED SINGLE ROBE HOOK 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" MAX A.F.F. FOR ADA ACCESSIBLE LOCATIONS AND AT 48" MAX A.F.F. FOR NON-ADA ACCESSIBLE LOCATIONS.

J. BABY CHANGING STATION: KOALA KARE K8110-S3RE, STAINLESS STEEL RECESS MOUNT HORIZONTAL BABY CHANGING TABLE. OPTIONAL: KOALA KARE K8200S POLYPROPYLENE AND A UNIBODY STEEL CHASSIS MOUNT HORIZONTAL BABY CHANGING TABLE.

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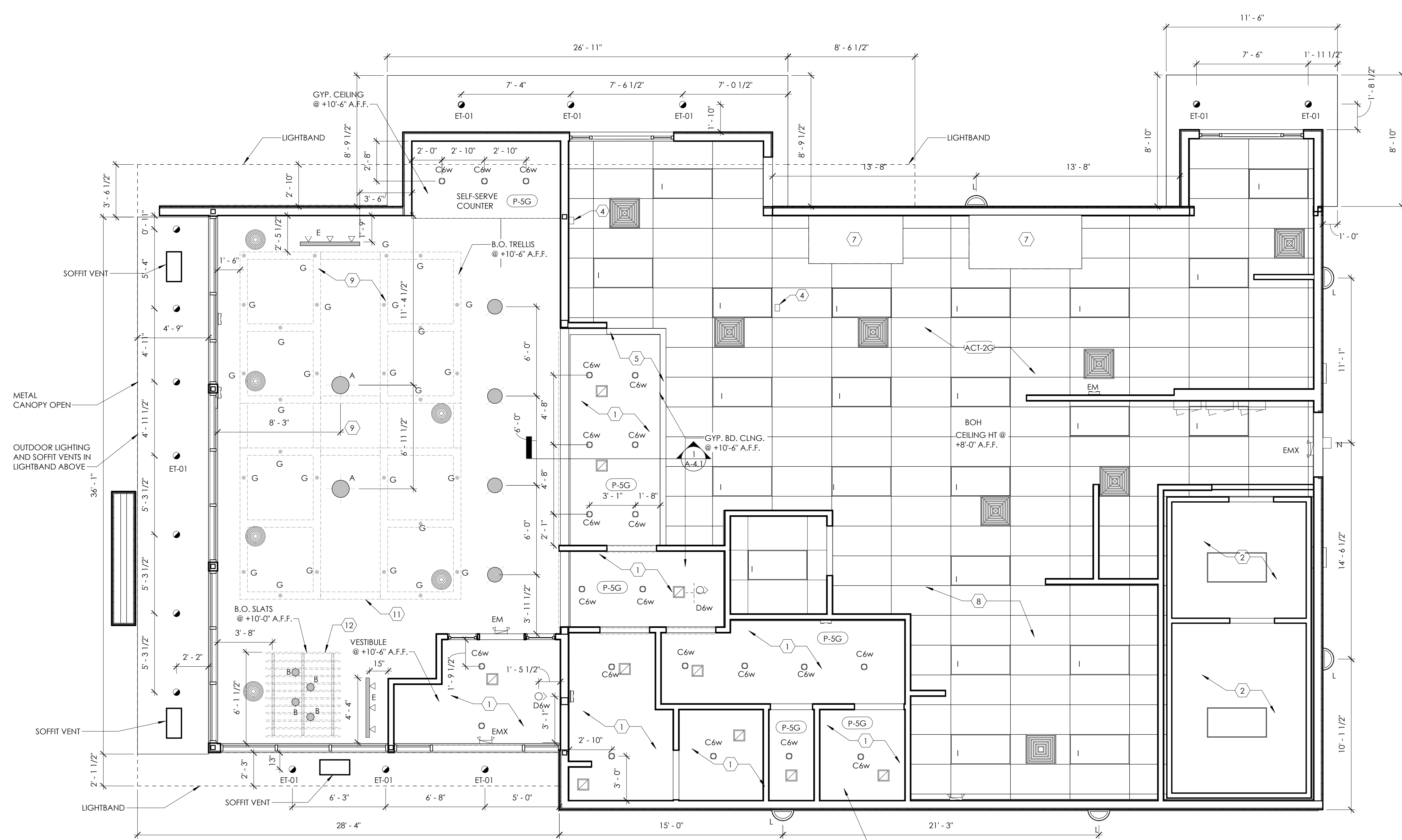
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1 REFLECTED CEILING PLAN
1/4" = 1'-0"

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-HTL ACCOUNTS MANAGER (407) 697-6768 LJJOHN@ARMSTRONG.COM
ACT-2G LOCATION: MANUFACTURER: COLOR: GRID: DIMENSION: CONTACT:	KITCHENZONE #BP672 SERVICE ASLEBACK OF HOUSE ARMSTRONG WHITE PRELUDE 15/16" EXPOSED TEE GRID IN WHITE 2'X2'X1/2" (SERVICE ISLE) ARMSTRONG STRATEGIC ACCOUNTS (800.442.4212)
P-3G LOCATION: MANUFACTURER: PRIMER: COLOR:	FACE OF SOFFIT PPG 101Y 30/106 EGGSHELL PPG 6-2 STONESMITH
P-5G LOCATION: MANUFACTURER: COLOR:	GYP. CEILINGS CORRIDOR SOFFIT AND RESTROOMS PPG 6-441 EGGSHELL WHITE ON WHITE
P-4G LOCATION: MANUFACTURER: COLOR:	GYP. CEILINGS OPEN CEILING PPG 6-417 SPEEDWIDE ZERO INT. VOC LATEX EGGSHELL 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 OMNIVIA SOLUTIONS SURF(X) 3D LAMINATES ON SUNTRAIT ALMOND CHERRY DUSTIN SMITH (314)489-2374 DUSTIN.SMITH@OMNIVIA.COM

LIGHTING FIXTURE SCHEDULE				
TYPES	MANUFACTURER	WATTS	MOUNTING	DESCRIPTION
A	NAUTICAL FURNISHINGS, LLC	BK304 & SP305-18-60D-927-03 LED EDISON STYLE	10	PENDANT SHAKER PENDANT LAMP 2700K
B	NAUTICAL FURNISHINGS	BK305 & LED BW EDISON INCANDESCENT LED CLEAR ANTIQUE STYLE	6	PENDANT BRONZE CAGE PENDANT LIGHT 2700K
B1	NAUTICAL FURNISHINGS	BK305 & LED BW EDISON INCANDESCENT LED CLEAR ANTIQUE STYLE	6	SURFACE BRONZE CAGE WALL SCONCE LIGHT, 2700K
C6W	JUNO	SP34505-930-6-WWH	11	RECESSED 6" DIAMETER, WHITE, RECESSED DOWN LIGHT
	CREE	LRE-10L-30K-120V-A-DR-RCS-12W-GU24	12.5	TO BE USED IN GWB CEILING
	ENERGYWISE	EWERRA1130W-17	14	
	VAOPTO	SLSDBXQL-LBALEDA30KWH	14	
	LSI	LC06 13 LED 30 48 UE TR6L HAZ WH	18	
	VAOPTO	VO-DL-6WW20-8SE26-110-WHITE	13	
	JUNO	SP34506-27K-6WWH	11	RECESSED 6" DIAMETER, WHITE, RECESSED DOWN LIGHT WALL WASHER
	CREE	LE6C-GU24W-R86-GU24	12	TO BE USED WITH GWB CEILING
	ENERGYWISE	EWERRA61030W	10	
	VAOPTO	VO-DL-6WW13-90K90A	13	
	LSI	PDL6KADJ-LED-07-30-120-PDL6KADJHSQNC	14	
E	JUNO	R600L3KNBZ	10	SURFACE TRACK LIGHT
	JUNO	SP34378B-9-F1-SSN	10	RECESSED 2" DIAMETER DOWN LIGHT, @ TRELLIS SOFFIT SATIN NICKEL FINISH
	ZANIBONI	D2LUNA20930A3CSNPOBKOP	9	RECESSED 2" DIAMETER WALL WASHER @ TRELLIS SOFFIT SATIN NICKEL FINISH
	JUNO	SP34378A-930-F1-SSN	10	RECESSED 2" DIAMETER WALL WASHER @ TRELLIS SOFFIT SATIN NICKEL FINISH
	ZANIBONI	D2LUN200930A3CSNPOBKOD	9	RECESSED 2" DIAMETER WALL WASHER @ TRELLIS SOFFIT SATIN NICKEL FINISH
	HERMITAGE	PR1-8BD35A16SSM04	49	SURFACE FLUXWERX- 8, 12" OR 16" ALUMINUM FINISH, 3500K
F	JUNO	R600L3KNBZ	10	TRACK TRACK LIGHT
E	CREE	LS880L3K7W	80	SUSPENDED USE ADJUSTABLE CABLE SUPPORT KITS W/ POWER FEEDS

GENERAL NOTES:
A. ALL LIGHTING FIXTURES SHALL BE 120 VOLT UNLESS NOTED OTHERWISE.
B. CONTRACTOR SHALL CHECK AND VERIFY FIXTURE QUANTITY AND MAKE PROPER ADJUSTMENTS FOR ANY CHANGES IN PLAN SHOWN DUE TO ADDITIONAL REQUIREMENTS (LOCAL CODES, ETC.)

TYPES	MANUFACTURER	WATTS	MOUNTING	DESCRIPTION
	CREE	CL-E-IFADMA-24A-40N	42	RECESSED 2x4 RECESSED TO BE USED IN B.O.H.
	SECURITY	LIT24-40-MLG-FSA-12-EU-C388	45	
	LSI	SP24 LED 30 UE DIM 40	50	
	VAOPTO	VO-FI-2XW44-50	40	
	ENERGYWISE	FWALFP24EP4841	48	
	CREE	CL-E-TRI-4L2402U	42	RECESSED FOR REMODELS ONLY TO BE USED IN RESTROOMS 1x4 RECESSED
	SECURITY	MT14-35LWG-FSA12-EDU-C388	27	
	LSI	SFP14 LED 40 UE DIM 35 FK14	40	
	VAOPTO	VO-FI-1XW44-50	50	
	ENERGYWISE	EWALFP14EP3535	35	
	CREE	CL-E-IFAD3A-22R-40N	32	RECESSED TO BE USED IN PLAYGROUND 2x2 RECESSED
	SECURITY	LIT22-35MLG-FSA12-EU	35	
	LSI	SFP22 LED 30 UE DIM 35 FK22	30	
	VAOPTO	VO-PL-2XW42-36	36	
	ENERGYWISE	EWALFP22EP3535	36	
PC	SECURITY	CL-E-IFAD3A-22R-40N	32	SURFACE EMERGENCY EXIT LIGHT
	LSI	LIT22-35MLG-FSA12-EU	35	
	VAOPTO	VO-PL-2XW42-36	36	
	ENERGYWISE	EWALFP22EP3535	36	
EMX	SECURITY	EX0W8W8H	11	SURFACE EMERGENCY LIGHT
	LSI	CCRC	4	
	VAOPTO	LFXRUM8W8HLD11R	2	
EM	ENERGYWISE	EWCCR	4	
	LSI	RS-30WLED-DO-SV-120 (DOWN ONLY)	12	
	VAOPTO	WPS5LFXRUM8W8H (UP/DOWN)	24	
	SECURITY	RWSC-30LED-WD-PS-MT (DOWN ONLY)	30	SURFACE EXTERIOR WALL FIXTURE OPTIONAL CLOSED CANOPY
L	SECURITY	RS-30WLED-UP-PS-MT (UP/DOWN)	12	
	CREE	RS-30WLED-DO-SV-120 (DOWN ONLY)	30	FIXTURE PROVIDED BY SIGN SUPPLIER WITH CANOPY
	(R)UID-HERMITAGE	RS-42WLED-UD-PS-120-S300K (UP/DOWN)	40	
	KONTECHUSA	KON-40WS (DOWN ONLY)	40	
	VAOPTO	KON-40-WS-DU (UP/DOWN)	40	
	ENERGYWISE	VO-WS-DW40D (DOWN ONLY)	40	
	SECURITY	EWKON-40-WS (DOWN ONLY)	40	
	LSI	E-WF10317	27	SURFACE WALL MOUNTED SECURITY LIGHT BRONZE FINISH
	VAOPTO	WGH-11U-M	41	
	SECURITY	SFCW8LEDPL150UEBRZ	33	
	ENERGYWISE	VO-WF-DW40D	50	
	VAOPTO	EWALED-WPDS240	40	
	SECURITY	W54-SOL-57K-10V-FD	55	
	VAOPTO	LXEM4-SMALL-RFA-EU	53	SURFACE TO BE USED IN WALK IN BOX ONLY
	SECURITY	EG34LEDHOCWIE	52	
	LSI	VO-IT-14W	32	
	VAOPTO	EWALD-LSV2XTBUSE4806	36	
	ENERGYWISE			

- RCP KEYED NOTES**
- GYPSUM BOARD CEILING/ SOFFIT.
 - EXPOSED TRUSS ABOVE WALK-IN BOX. REFER TO W.I.B. DRAWING FOR INTERIOR FIXTURES.
 - CENTER ON DOOR.
 - STAINLESS STEEL SERVICE CHASE.
 - MENU BOARD HEADER, METAL CAP TO BOTTOM. SEE DETAIL 1/A-4.1.
 - INSTALL NEW LIGHTBOX.
 - MECHANICAL EXHAUST HOOD ABOVE.
 - SUSPENDED ACOUSTICAL TILE CEILING.
 - EXPOSED DECK STRUCTURE TO BE PAINTED P-6G.
 - EXPOSED ROOF DECK.
 - PERGOLA STRUCTURE
 - TRELLIS AND DECK

NOTES:
REFER TO APPROVED SEATING AND DECO PLANS FOR FINAL REFLECTED CEILING PLAN, LIGHTING PLAN, SUSPENDED TRELLIS AND PERGOLA.
DINING ROOMS ARE DESIGNED TO A 35' - 40' FOOT-CANDLE LEVEL.
KITCHENS ARE DESIGNED TO 50 FOOT-CANDLE LEVEL.
RESTROOMS ARE DESIGNED TO 50 FOOT-CANDLE. FOR ADDITIONAL INFORMATION ON LIGHTING REQUIREMENTS REFER TO BURGER KING LIGHTING STANDARDS POSTED @ DESIGNWITHBK.COM/COMMON DOCUMENTS.

GENERAL NOTES:

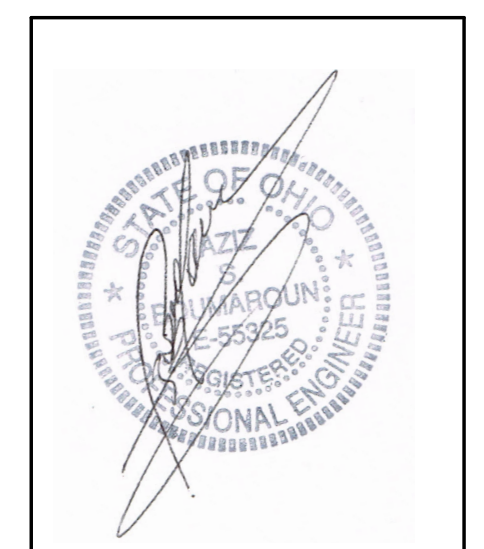
- ALL DIMENSIONS SHOWN ON REFLECTED CEILING PLAN ARE FROM FACE OF WALL FINISH UNLESS NOTED OTHERWISE.
- THE REFERENCE HEIGHTS INDICATED ON PLAN ARE FROM FINISH FLOOR (F.F.).
- GENERAL CONTRACTOR TO COORDINATE DINING ROOM LIGHTING WITH APPROVED INTERIOR DECOR DRAWINGS.
- CONTRACTOR SHALL VERIFY FIXTURE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

NO.	DATE	BY	FOR
1	11.20.21	BT	FOR EMPHATL CITY
2	11.30.21	BT	FOR PLANNING PERIOD

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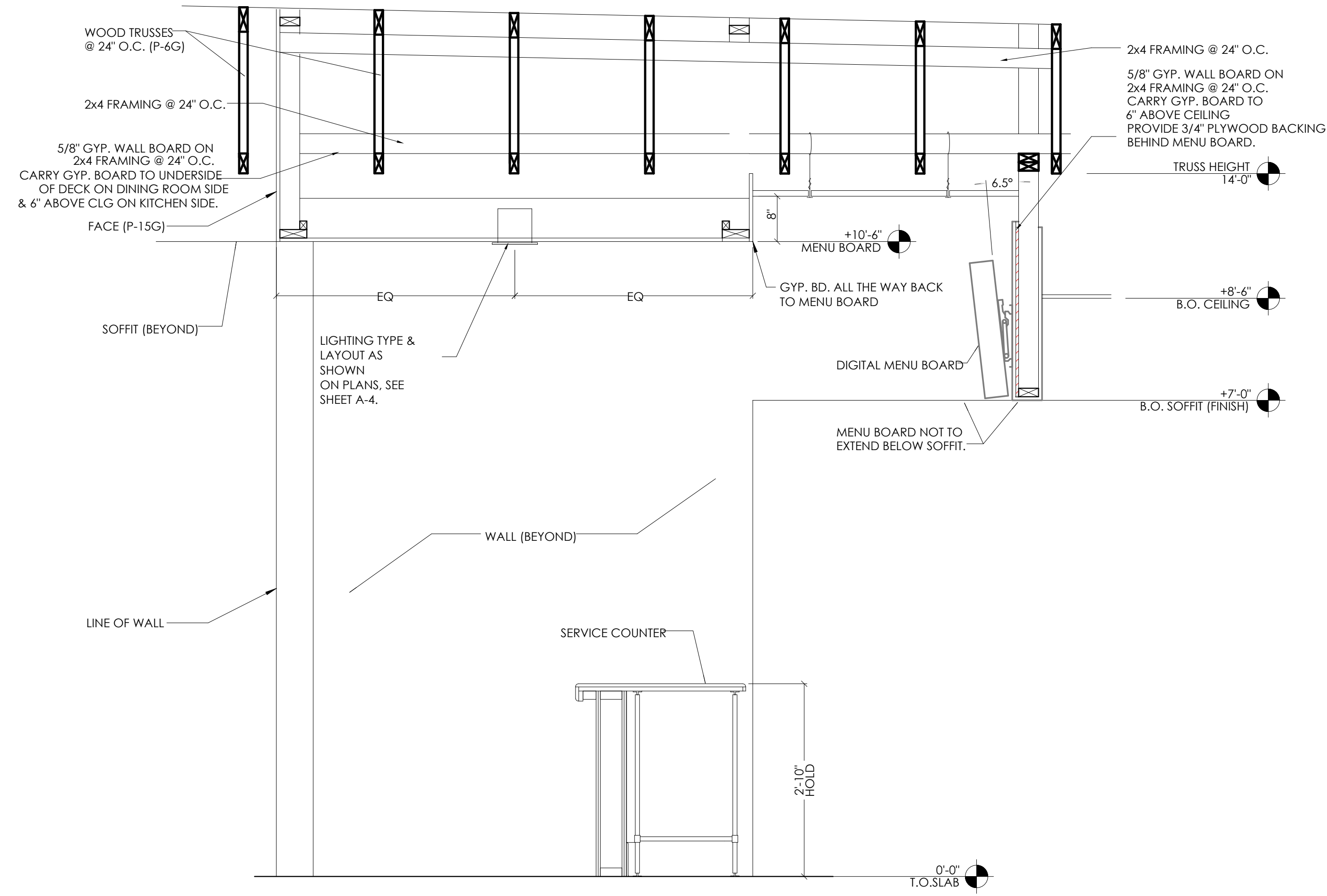
PROJECT
3330 INDIANOLA AVE.
COLUMBUS, OH 43214

SHEET TITLE
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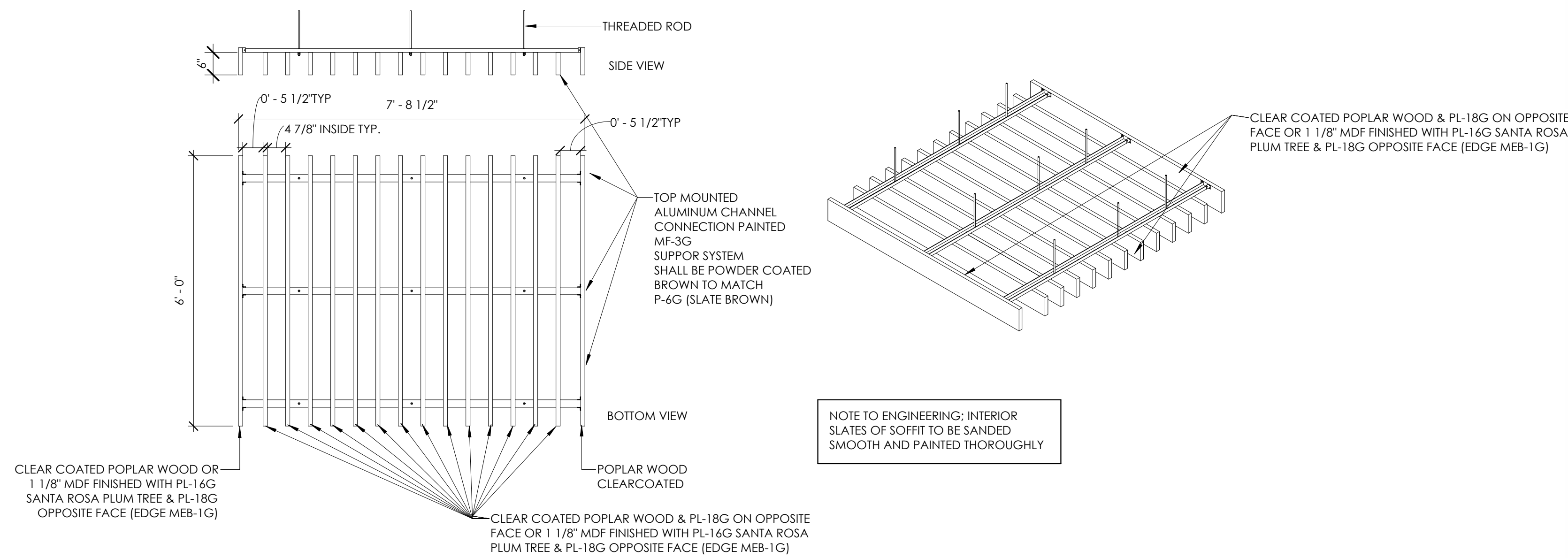
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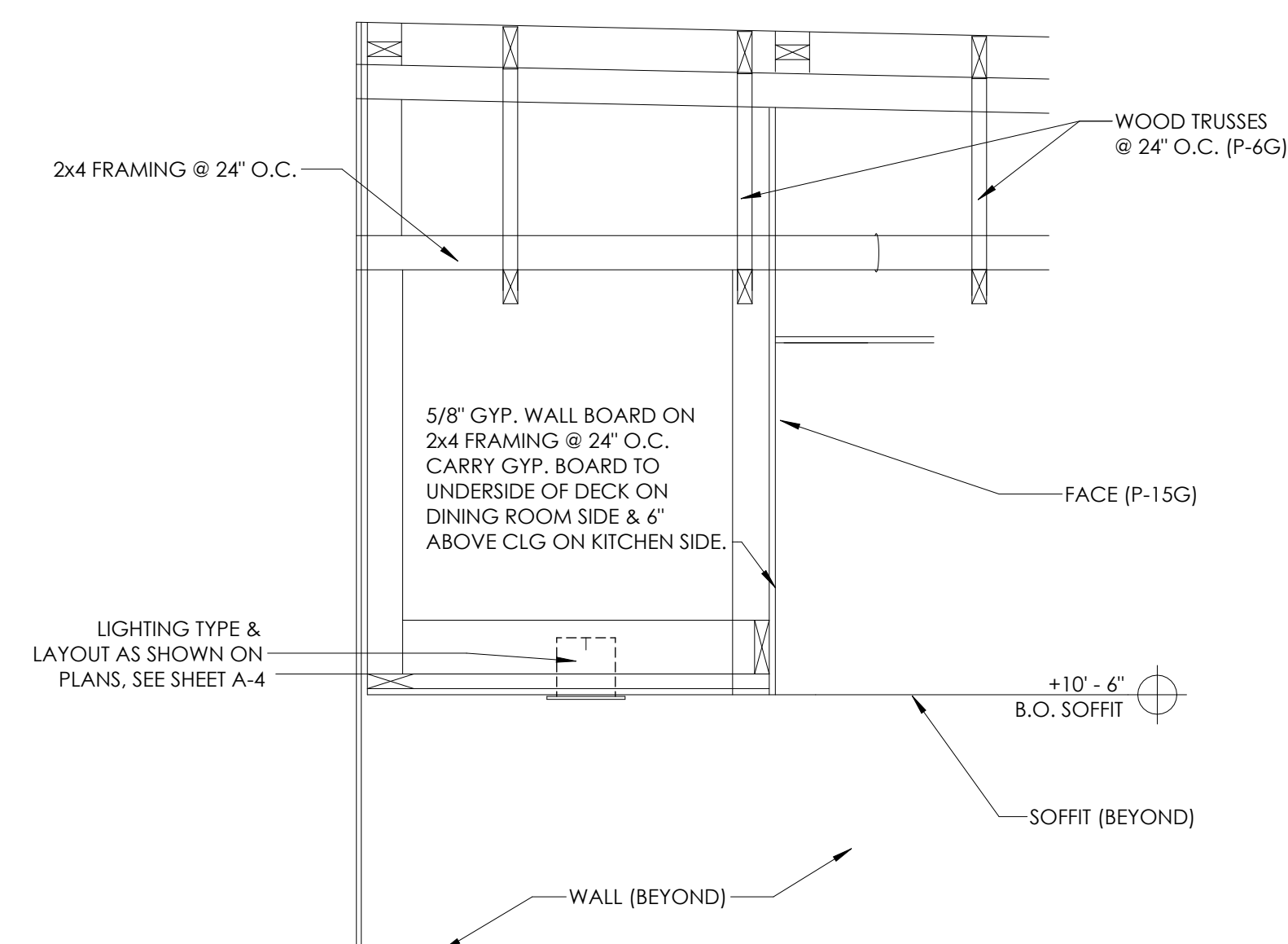
SHEET
A-4



1 MENU BOARD HEADER
3/4" = 1'-0"



2 SLAT SOFFIT DETAILS
1/2" = 1'-0"



3 BEVERAGE SOFFIT
3/4" = 1'-0"

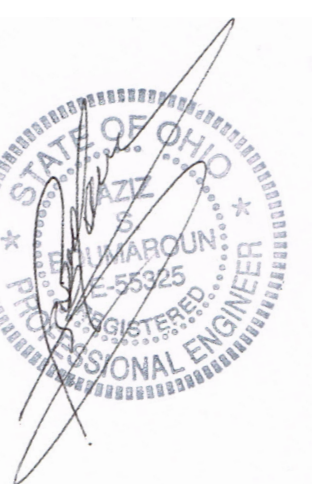
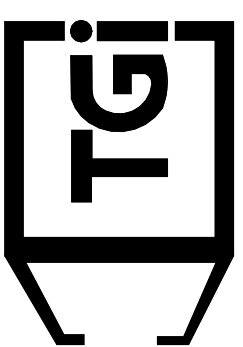
TYPE/ SYMBOL	VENDOR	WATTAGE	COLOR TEMP.	REMARKS
L	LUMENS	11 WATTS 120 VOLTS	3000 K	METAL DOWNLIGHT SUITABLE FOR WET LOCATIONS
N	LSI	34 WATTS 120-277 VOLTS	5000 K	WIDE BEAM FLOOD LIGHTS
ELT-01	GOTHAM EVO	19.5 WATTS 120 VOLTS	4000 K	4" DIAMETER ROUND DOWNLIGHTS

06.01.21 STANDARD TRELLIS (6" x 6")							
TYPE	VENDOR	CATALOG No.	New Part Number	WATTAGE	COLOR TEMP	REMARKS	
A	NAUTICAL	BK304 & SP305-18-600-927-03 LED EDISON STYLE 10 WATT		10	2700	SHAKER PENDANT LAMP	
A1	NAUTICAL	BK-GG-A2 CUSTOM PENDANT LIGHT RED LED CLEAR ANTIQUE STYLE 6 WATT		10	2700K	RED PENDANT LIGHT	
A2	NAUTICAL	BK-LT-11				GREEN CAST GUARD WAREHOUSE LIGHT	
B	NAUTICAL	BK305 & LED 8W EDISON INCANDESCENT LED CLEAR ANTIQUE STYLE 6 WATT		6	2700K	BRONZE CAGE PENDANT LIGHT	
B1	NAUTICAL	BK305 & LED 8W EDISON INCANDESCENT LED CLEAR ANTIQUE STYLE 6 WATT		6	2700K	BRONZE CAGE WALL SCONCE LIGHT	
C6w	CREE	LR6-10L-30K-120V-A-DR-RC6-12W-GU24	LR6K-10L-30K/RC6-UNI	12.5	3000	6" DIAMETER, WHITE, RECESSED DOWN LIGHT & WALL WASHER	
	SECURITY	SLSD8K01-LB6LED30KWH		14	3000		
	LSI	LCD6 13 LED 30 48 UE TR6RL HAZ WH		13	3000		
	JUNO	SP34505-330-6-WWH		11	3000		
	VAOPTO	VO-DL-6WW20-85E16-110-WHITE		18	3500		
D6w	ENERGYWISE	EWIRRE1130W-L7		11	3000	6" DIAMETER, WHITE, RECESSED DOWN LIGHT & WALL WASHER	
	CREE	LE6C-GU24W-AR6-GU24	CR6T-G-825L-27K-1227/RR6-UNI	12	3000		
	LSI	PDL6KADJ-LED-07-30-120-PDL6KADJHSGNC		14	3000		
	VAOPTO	VO-DL-6WW13-90K90A		13	3000		
	JUNO	SP34506-27K-6WWH		11	3000		
E	ENERGYWISE	EWRR6A1030W		10	3000	TRACK LIGHT	
	JUNO	R600L3KNBZ		10	2700		
F	CREE	SCG-CM-BL-GU24-CR6-800L-30K-120V-GU24CTGA	SCGCMBLGU24/CR6T-825L-30K/CR6T-TRMBKBB-1			PENDANT LIGHT	
	SECURITY	LBC6CM-LB6LED1030KBL		12	3000		
	ENERGYWISE	EWLBC6BLK			3000		
G	JUNO	SP343788-9-F1-SSN		10	3000	2" DIAMETER DOWN LIGHT, SATIN NICKEL F	
	ZANIBONI	D2LUNA20930A3CSNP08K0P		9	3000		
G1	JUNO	SP343788-930-F1-SSN		10	3000	2" DIAMETER WALL WASHER, SATIN NICKEL	
	ZANIBONI	D2LUNA20930A3CSNP08K0D		9	3000		
I	CREE	CL-E-TFA04A-24R-40N	C-TR-FP24-50L-340K-WH	42	4000	1. TO BE USED IN KITCHEN 2. 2x4 RECESSED	
	SECURITY	LJT24-40-MLG-FSA12-EU-C388		45	4000		
	LSI	SFP24 LED 50 UE DIM 40		50	4000		
	VAOPTO	VO-PL-2NW4-60		60	4000		
	ENERGYWISE	EWMLFP24EP4841		48	4100		
J	CREE	CL-E-TR14L2404U	C-TR-FP14-37L-40K-WH	42	3500	1. FOR REMODELS ONLY 2. TO BE USED IN RESTROOMS 3. 1x4 RECESSED	
	SECURITY	LJT14-35LWG-FSA12-EU-C388		27	3500		
	LSI	SFP14 LED 40 UE DIM 35 FK14		40	3500		
	VAOPTO	VO-PL-1VW4-50		50	3000		
	ENERGYWISE	EWMLFP14EP3535		35	3500		
PG	CREE	CL-E-TFA03A-22R-40N	C-TR-FP22-31L-40K-WH	32	3500	1. TO BE USED IN PLAYGROUND 2. 2x2 RECESSED	
	SECURITY	LJT22-35MLG-FSA12 EU		35	3500		
	LSI	SFP22 LED 30 UE DIM 35 FK22		30	3500		
	VAOPTO	VO-PL-2XWW2-36		36	3000		
	ENERGYWISE	EWMLFP22EP3535		36	3500		
EM	CREE	EM22RWH	C-EE-A-EMG-2L-BB-REM-WH	11		EMERGENCY LIGHT	
	SECURITY	CU2		1	3000		
	LSI	LTEMWH		(2) 1	LED		
	VAOPTO	VO-EMT		2	5000		
	ENERGYWISE	EWCCU2		1	3000		
EMX	CREE	EXM08RWH	C-EE-A-EX-2LDF-RED-BB	11		EXIT / EMERGENCY LIGHT	
	SECURITY	CCRC		4			
	LSI	LPRXRUBWHL11R		(2) 1	LED		
	VAOPTO	VO-EMX-R1		2	5000		
	ENERGYWISE	EWCCR		4	3000		
T	TOOSHIGHTS	MASTER FORMAT 26 55 10 Light: Full color, RGB LEDs Power: Power Over Ethernet (POE), Low Voltage DC. Use CAT 5 or CAT 6, shielded cable.				RESTROOM WALL MOUNTED OCCUPANCY INDICATOR LIGHT	
	CREE	WS4-50L-57K-10V-FD	WS4C-60L-LFA-50K-8-UL	55	5300		
WIB	SECURITY	LXEM4-50ML-RFA-EU		53	5000	TO BE USED IN WALK IN BOX ONLY	
	LSI	EG34SLEDHOCWUE		52	5300		
	VAOPTO	VO-TF-14W		32	5000		
	ENERGYWISE	EWMLLED-LSV2XT8USE4806		36			
	CREE	LS4-25L-35K-10V		23	3500		
O1	CREE	LS8-80L-35K-10V		88	3500	PLAYGROUND PENDANT LIGHT	
CONTACT INFORMATION							
CREE ELVIR SULIĆ 262-884-3332 esulic@creelighting.com	HERMITAGE "MASTER CONSOLIDATOR" WYATT CULVER 615-843-3379 wyatt@hlg.co	ENERGYWISE JENNIFER WADDICK 877-225-1336 jennifer@energywisemall.com	JUNO / ACUITY BRANDS BRETT D KINZLER 614-813-8350 m 847-312-1578 brett.kinzler@acuitybrands.com				
SECURITY LIGHTING WHITNEY WATSON 630-550-9320 quotations@securitylighting.com	NAUTICAL FURNISHINGS MICHAEL HOGLUND 954-771-1100 mhoglund@nauticafurnishings.com	VAOPTO LINDA XU 702-517-5789 linda@vaopto.com	ZANIBONI LIGHTING JENNIFER MORRIS 727-213-0410 southeastusa@zanibonilighting.com				
LSI BOB LUCAS 800-436-7800 Ext 4052 bob.lucas@lsi-industries.com							
NOTES							
1. NOT ALL LIGHT FIXTURES TYPES SHOWN ON SCHEDULE MAY BE USED ON THIS PROJECT. REFER TO LIGHTING PLAN FOR PROJECT SPECIFIC TYPES AND QUANTITIES.							
2. PENDANT FIXTURES "A" MUST BE CENTERED OVER TABLE TOPS. COORDINATE WITH DECOR DRAWINGS.							
3. EXCEPT FOR DROPPED CEILING OPTION, ALL LIGHT FIXTURES IN DINING ROOM AREA & RESTROOM CORRIDOR ARE TO BE SUPPORTED FROM EXPOSED ROOF TRUSSES.							
4. CONTRACTOR TO NOTIFY LIGHTING SUPPLIER OF THE FOLLOWING: FIXTURE TYPES "C" AND "D" WILL BE REQUIRED TO BE LENS AT THE LOCATIONS OVER THE SERVICE AREA AND OVER THE SELF-SERVE DRINK AREA. FIXTURE TYPE "T" WILL REQUIRE A LENS OR TUBE GUARD AT THOSE LOCATIONS.							

DATE: 09.22.21
SCALE: AS NOTED
CHECKED: DB
DRAWN BY: RT



TECHNICAL GROUP, Inc.
1000 WASHINGTON HILLS, WY 83033
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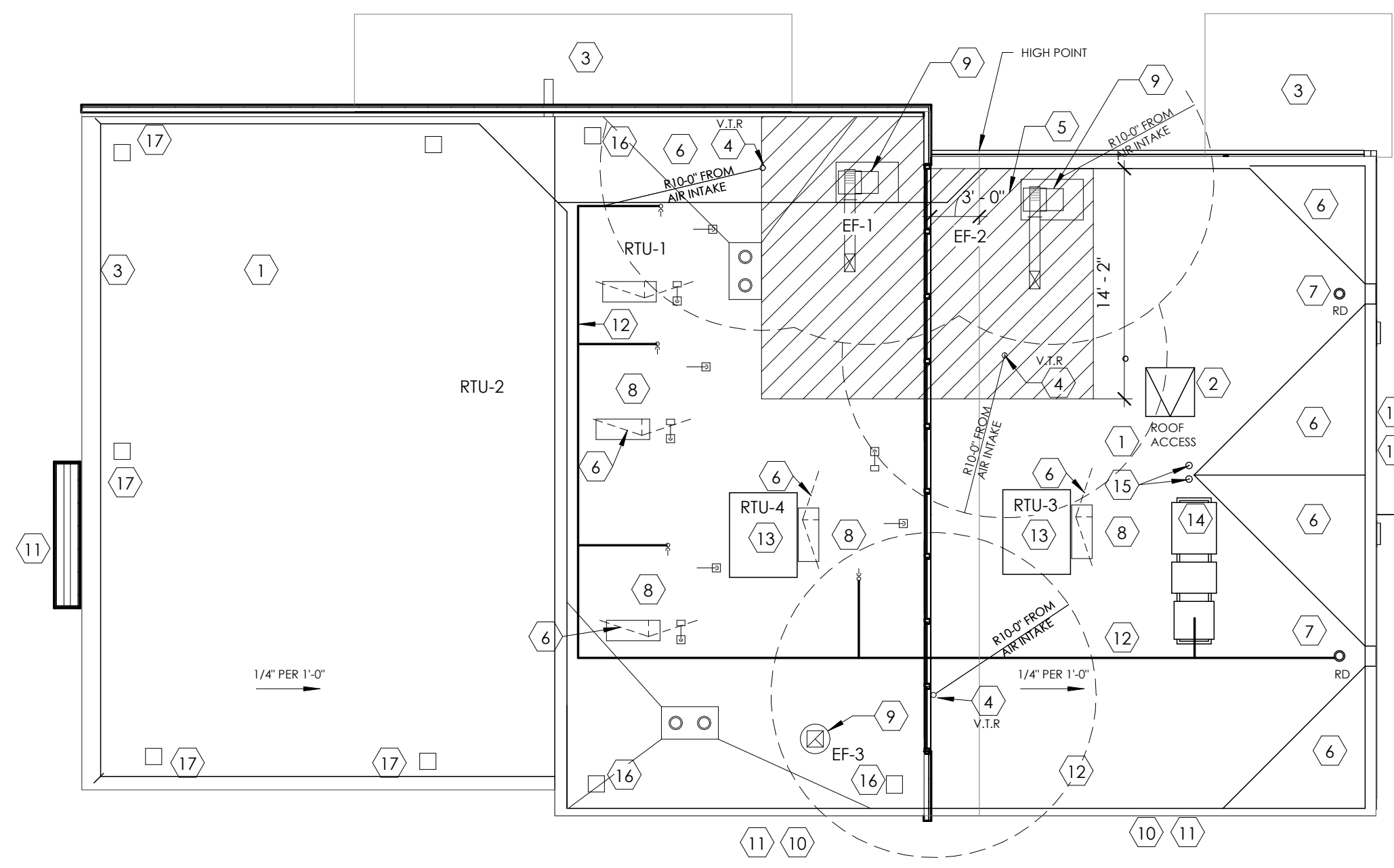


PROJECT
3330 INDIANOLA AVE.
COLUMBUS, OH 43214

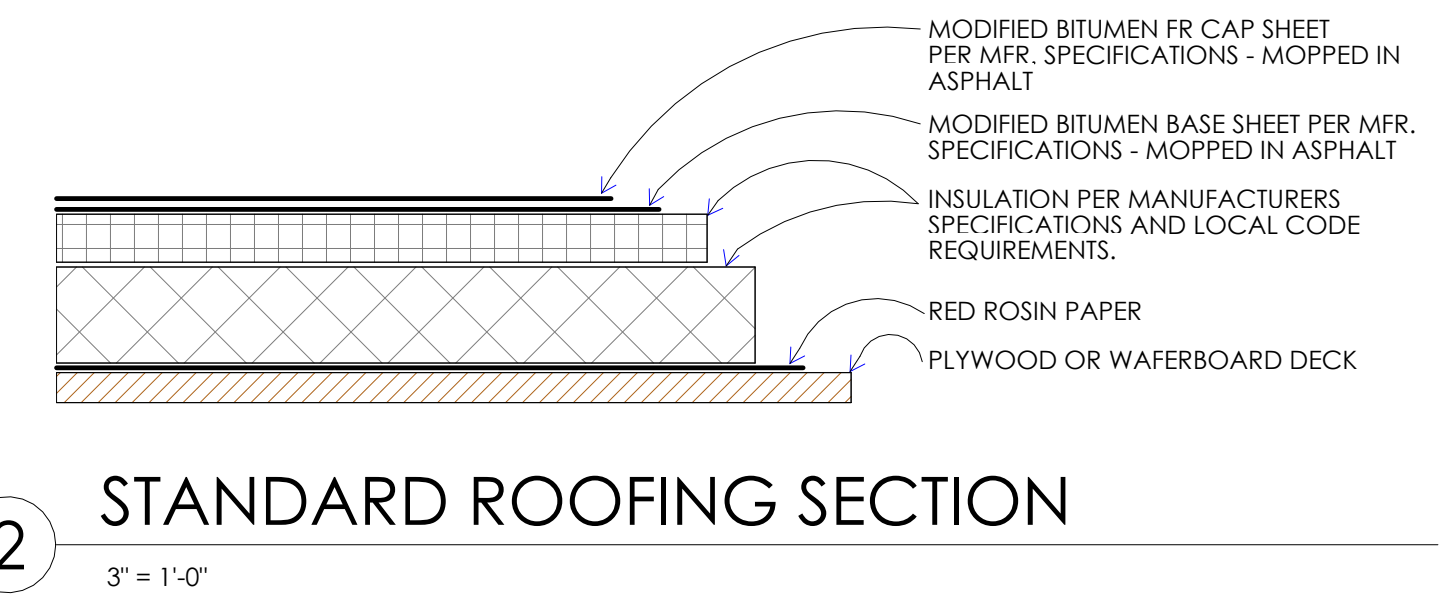
SHEET TITLE
REFLECTED CEILING DETAILS

JOB#
TG-21666

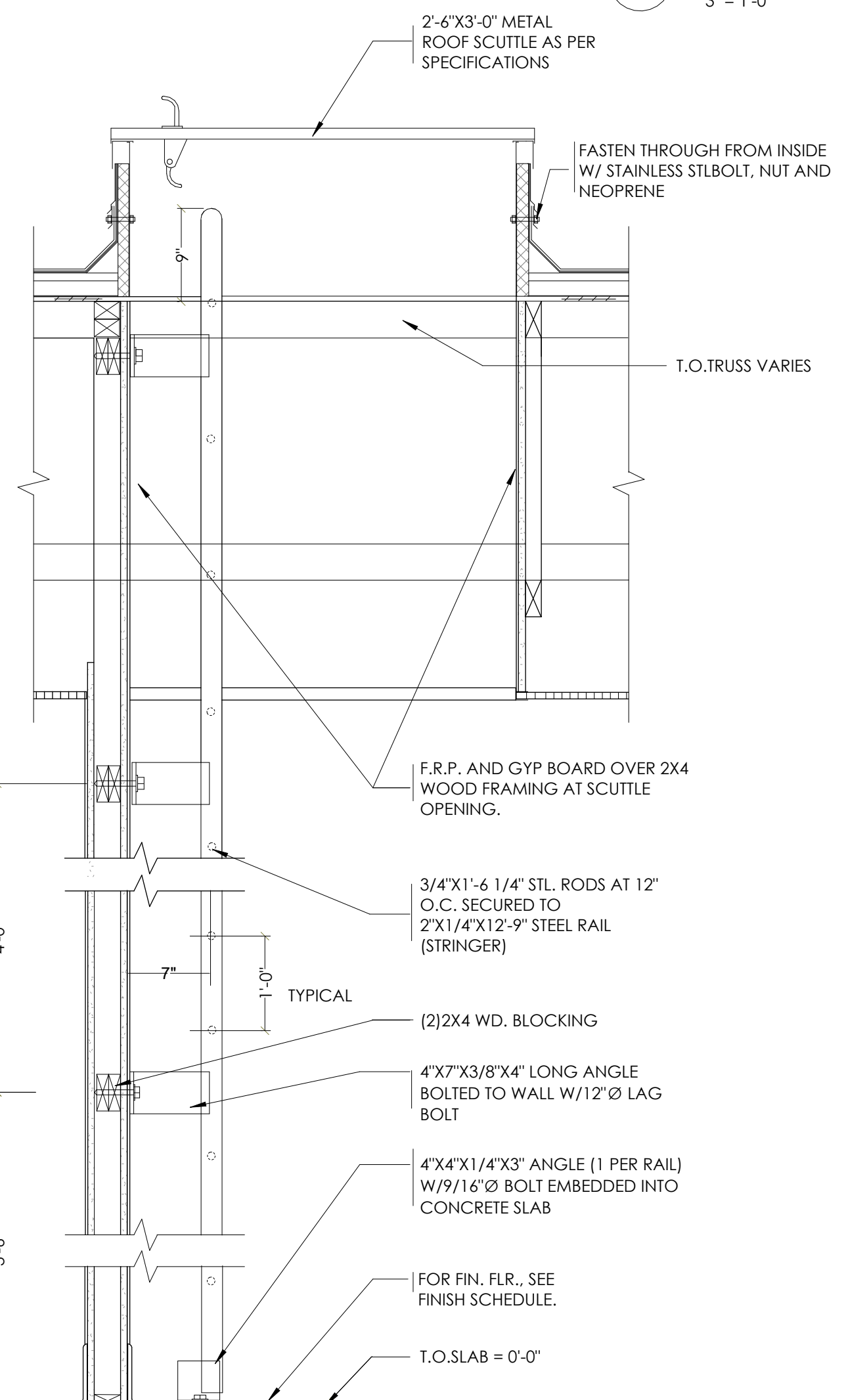
SHEET
A-4.1



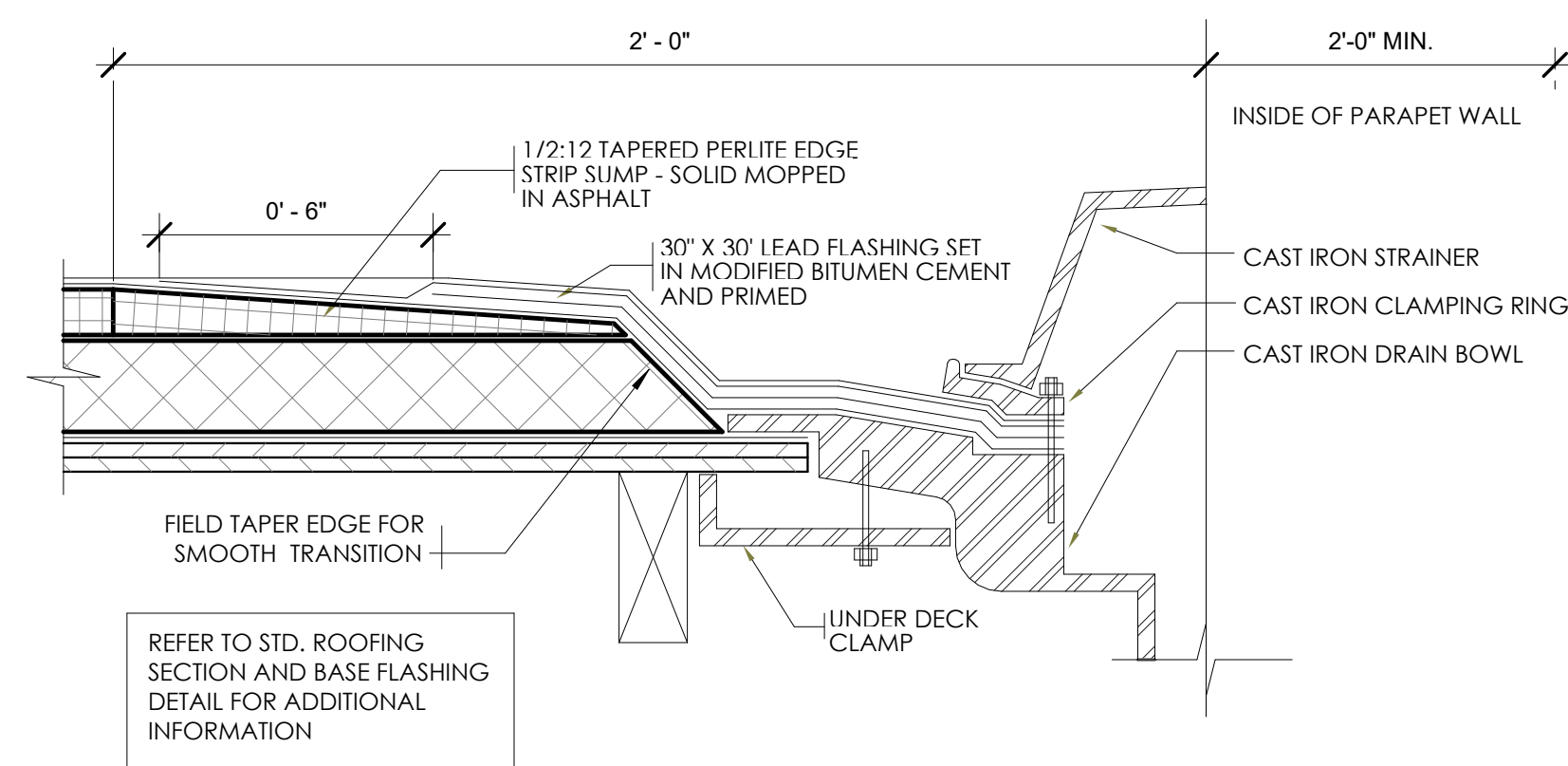
1 ROOF PLAN
1/8" = 1'-0"



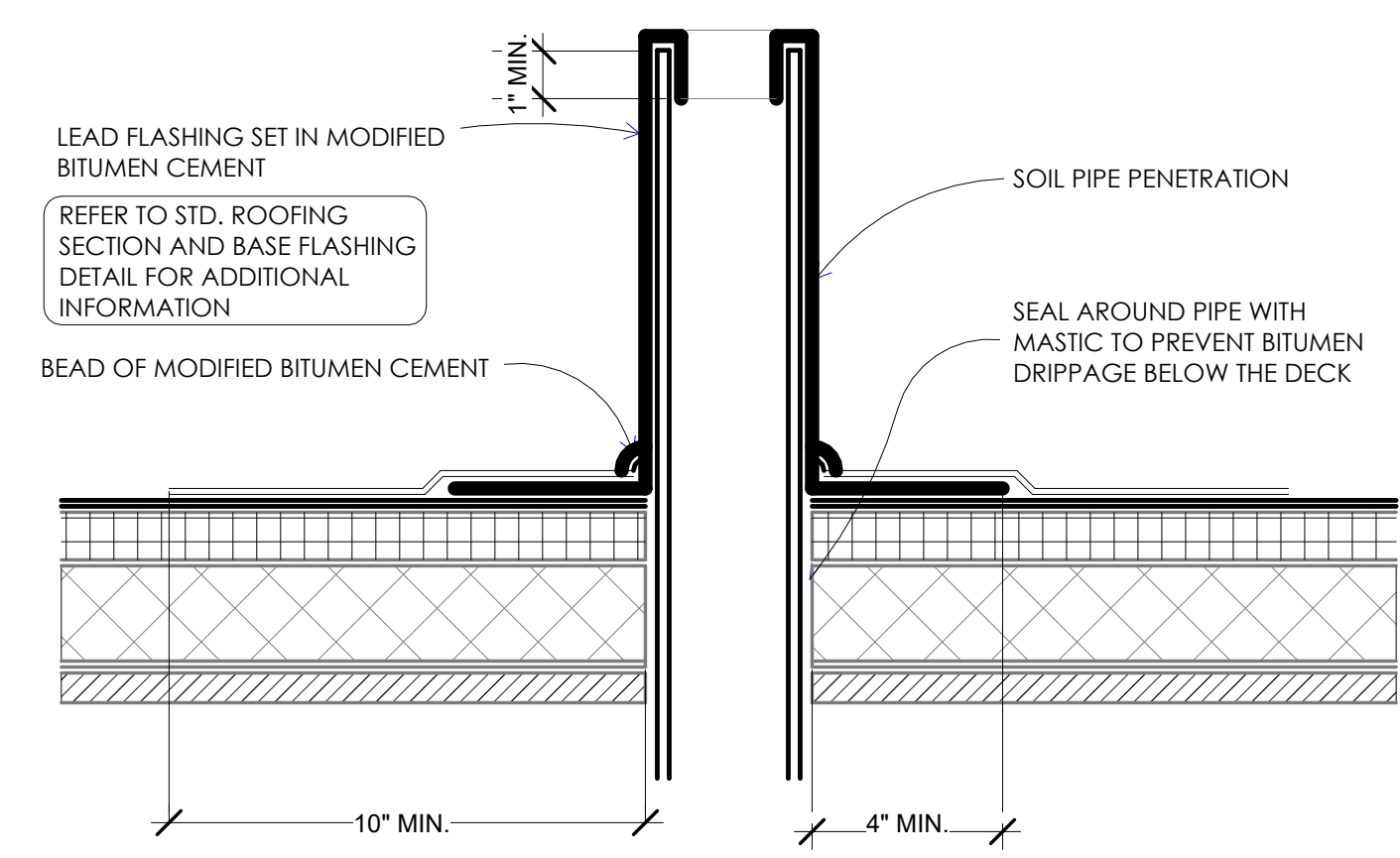
2 STANDARD ROOFING SECTION
3" = 1'-0"



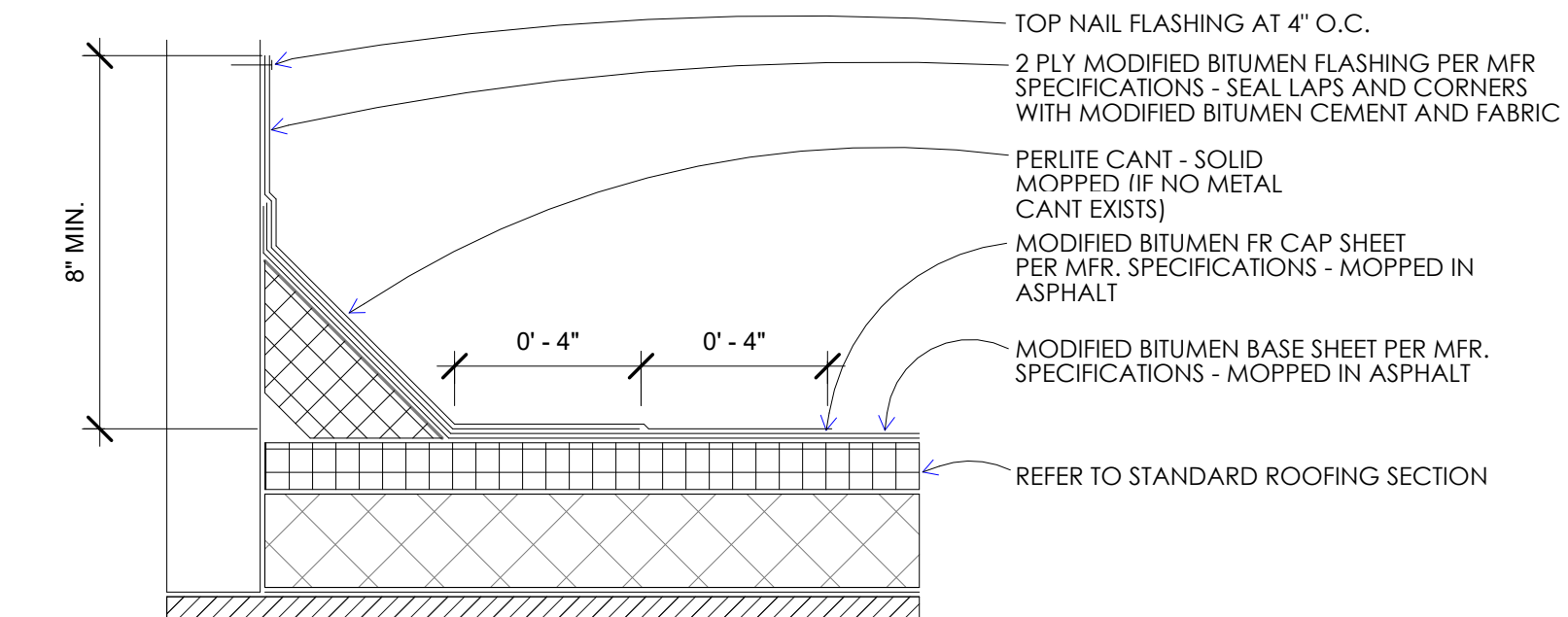
3 ROOF SCUTTLE DETAIL
3/4" = 1'-0"



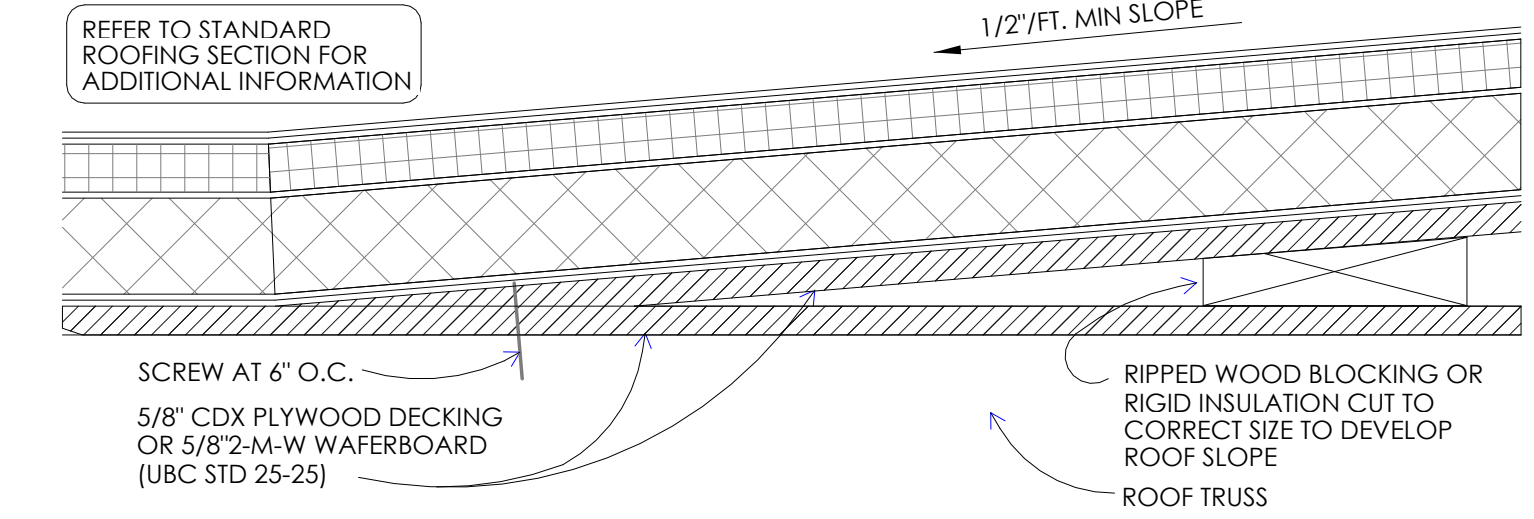
6 ROOF DRAIN DETAIL
3" = 1'-0"



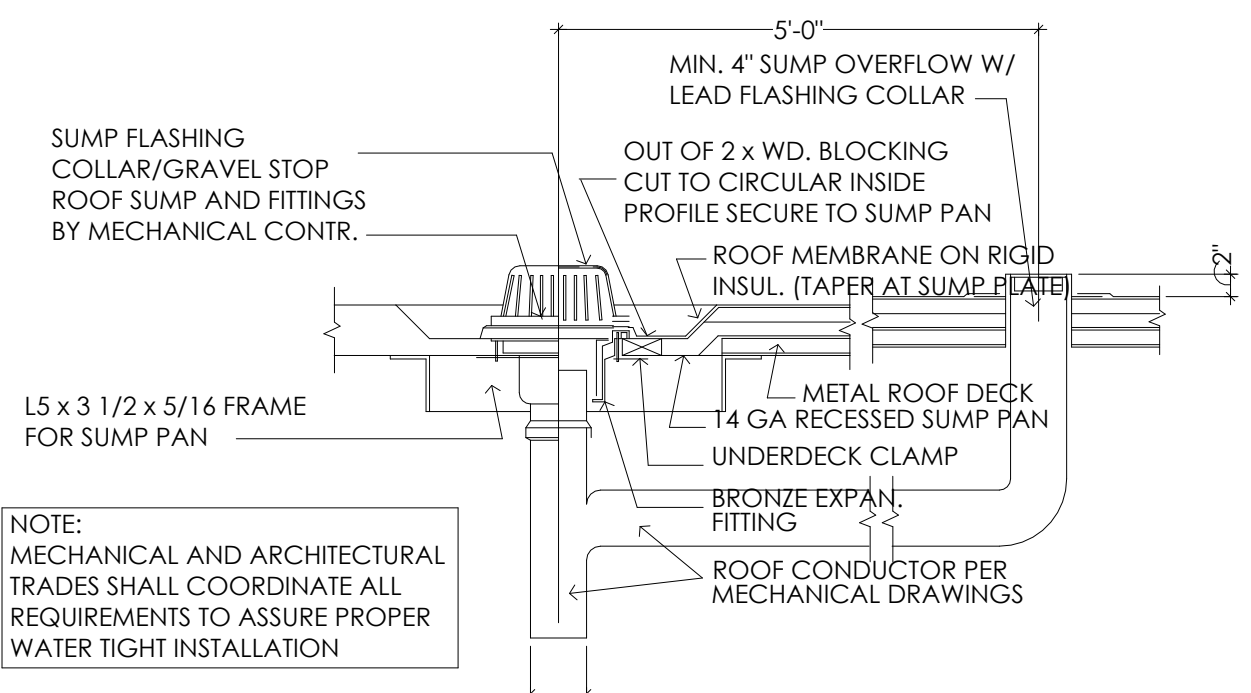
8 SOIL PIPE FLASHING DETAIL
3" = 1'-0"



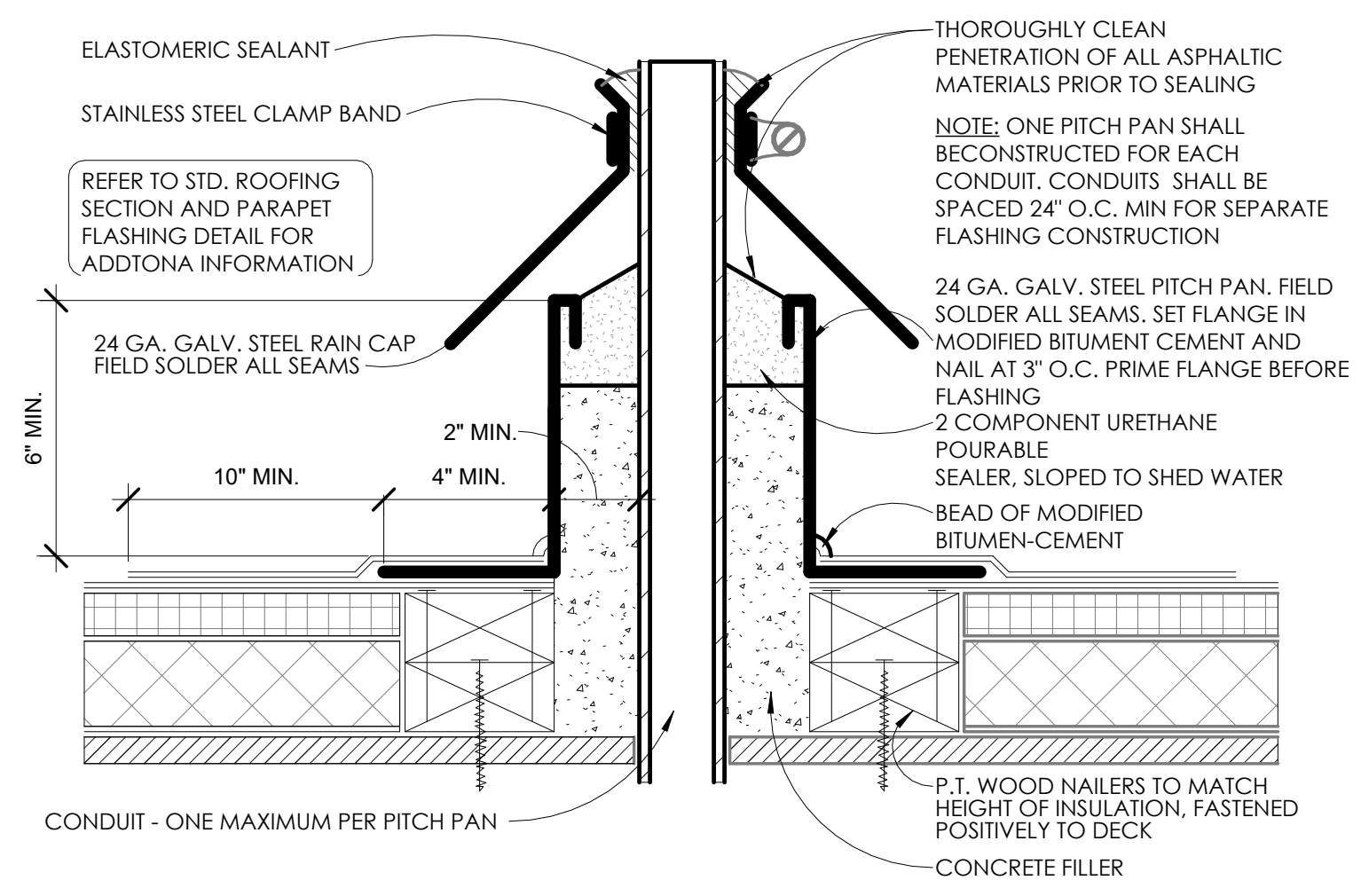
4 STANDARD BASE FLASHING CONFIGURATION
3" = 1'-0"



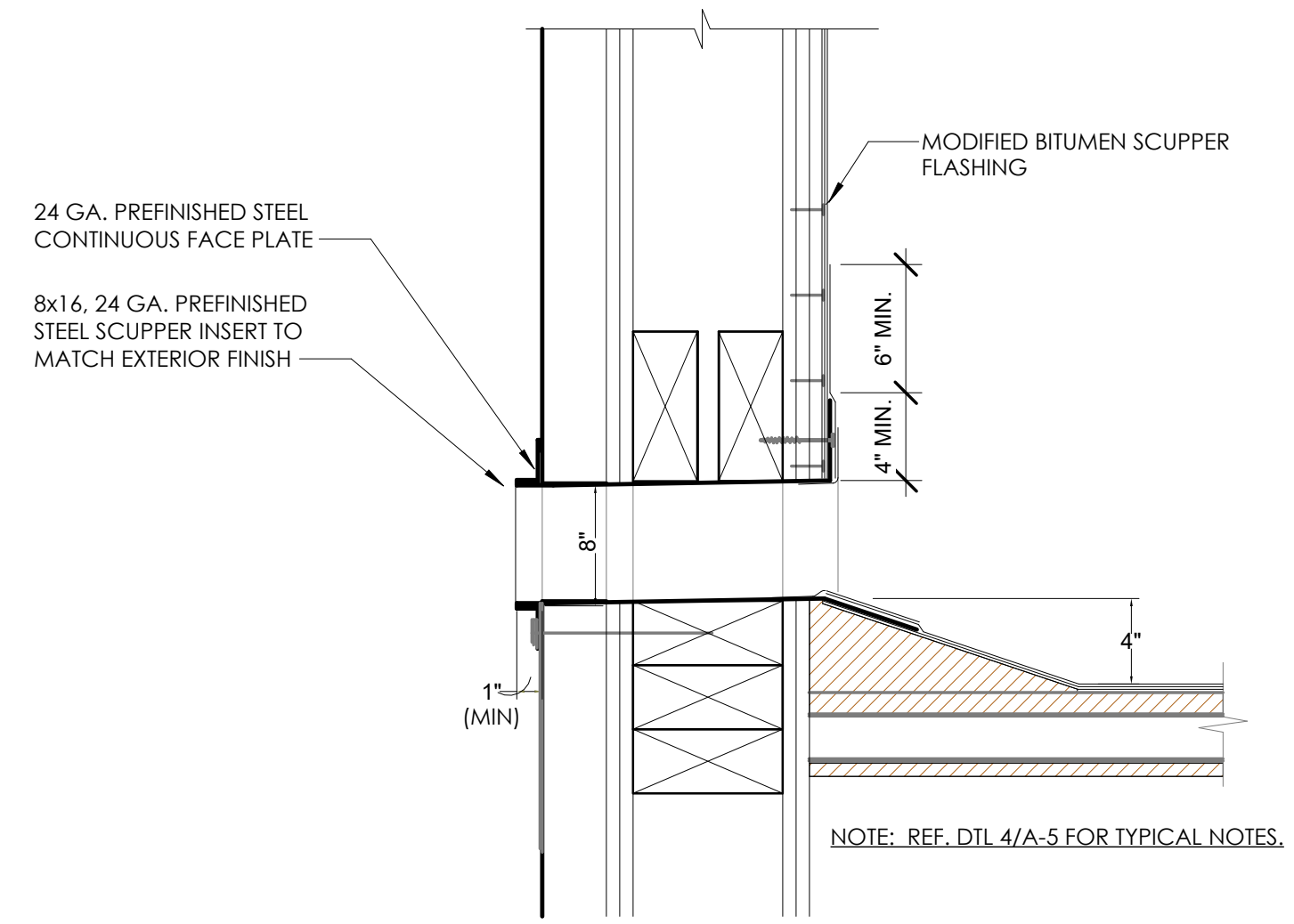
5 TYPICAL CRICKET DETAIL
3" = 1'-0"



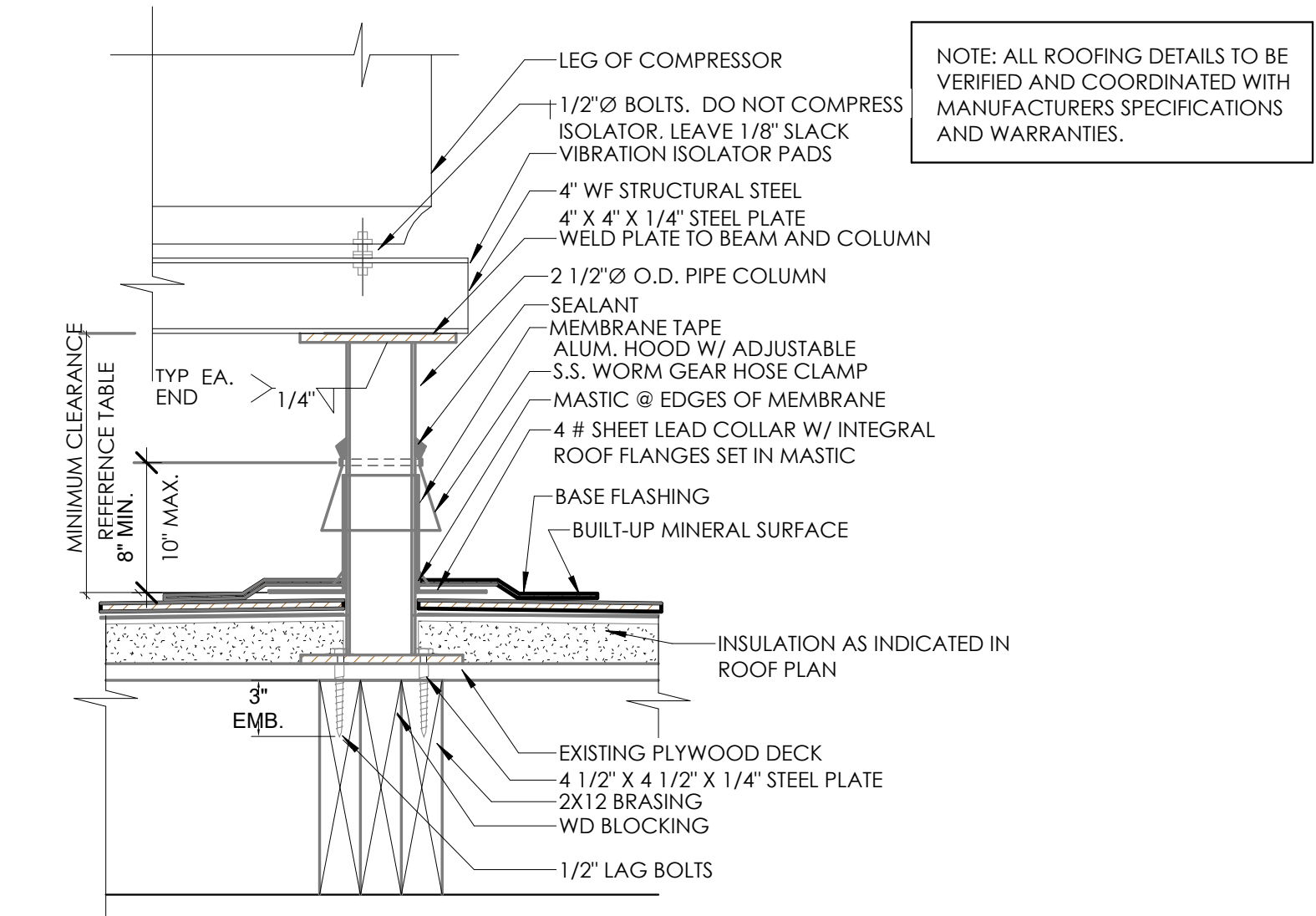
12 DETAIL AT TYP. ROOF SUMP WITH SIDE OVERFLOW
1/2" = 1'-0"



7 PITCH PLAN DETAIL
3" = 1'-0"



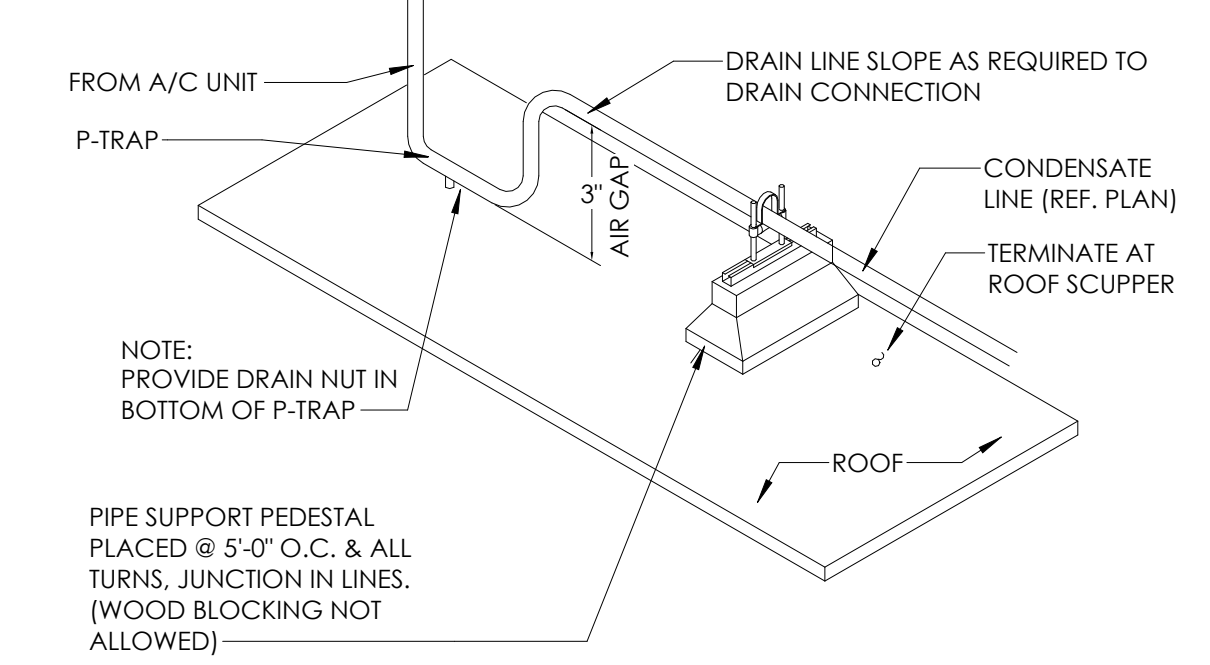
9 OVERFLOW SCUPPER DETAIL
3" = 1'-0"



10 EQUIPMENT STAND DETAIL
3" = 1'-0"

VERIFY W/ EQUIPMENT SUPPLIER IF IN CONTRACT.

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



11 CONDENSATE LINE SUPPORT DETAIL
3" = 1'-0"

- GENERAL NOTES**
- 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.
 - ROOF SYSTEMS SPECIFIED SHALL BE APPLIED ONLY BY MANUFACTURER APPROVED APPLICATOR IN ORDER TO MEET GUARANTEE REQUIREMENTS.
 - COORDINATE LOCATION OF MECHANICAL UNITS WITH STRUCTURAL AND MECHANICAL DRAWINGS.
 - HVAC CONDENSATE LINES TO TERMINATE AT ROOF DRAIN OR AS REQUIRED BY LOCAL CODE.
 - REFER TO STRUCTURAL AND M-E-P DRAWINGS FOR ADDITIONAL INFORMATION.
 - ALL CURBS AND PIPE PENETRATIONS SHALL HAVE A MINIMUM OF 16" CLEAR FROM EACH OTHER FOR ROOF FLASHING PURPOSES. ALL EQUIPMENT SHALL HAVE A MINIMUM OF 16" CLEAR FROM ALL ADJACENT PARAPETS. ALL HVAC MOUNTED EQUIPMENT (DISCONNECT BOXES, GFCL PIPE SUPPORTS) SHALL NOT BE CLOSER THAN 16" FROM EACH OTHER OR CURBS. NO UNSTRUT PIPE SUPPORTS SHALL BE USED AS VERTICAL MEMBERS FOR MOUNTING EQUIPMENT TO ROOF SURFACE.
 - PONDING WATER IS DEFINED AS WATER THAT DOES NOT DRAIN OR DISSIPATE FROM THE ROOF WITHIN 48 HOURS AFTER PRECIPITATION.
 - CONTRACTOR SHALL "SUGAR-IN" ALL ASPHALT BLEED-OUT ON PILES WITH ADDITIONAL GRANULES TO MATCH EXISTING COLORATION OF THE MINERAL SURFACE CAP SHEET.
 - ALL FLASHING GEMENTS, ASPHALTS, PRODUCTS AND ACCESSORIES SHALL BE APPROVED BY ROOFING MANUFACTURER WITH THE MANUFACTURER'S BRAND. ALL ASPHALTS SHALL BE AMERICAN MANUFACTURED PRODUCTS.

- KEYED NOTES**
- TWO-PLY MODIFIED BITUMEN MEMBRANE W/GLASS FIBER REINFORCEMENT. BOTTOM PLY SHALL BE UNSURFACED, TOP PLY SHALL HAVE WHITE MINERAL SURFACE.
 - ROOF ACCESS SCUTTLE. REFERENCE DETAIL, THIS SHEET.
 - PREFABRICATED METAL CANOPY.
 - VENT THROUGH ROOF - PROVIDE PREFABRICATED DURO-LAST VENT FLASHING FOR ALL VENTS AND PIPE PENETRATIONS. REFERENCE DETAIL #8, THIS SHEET.
 - INSTALL MODIFIED BITUMEN SACRIFICE SHEET AS SPECIFIED AT KITCHEN EXHAUST.
 - ROOF CRICKET WITH SLOPE TO MATCH ROOF. REFER TO DETAIL #5, THIS SHEET.
 - ROOF DRAIN AND OVERFLOW ROOF SCUPPERS - REFER TO DETAILS #6 AND #9 THIS SHEET.
 - ROOFTOP AIR CONDITIONING UNIT - REFER TO MECHANICAL PLANS.
 - EXHAUST FAN - REFER TO MECHANICAL PLANS.
 - ILLUMINATED PARAPET LIGHT BAND.
 - METAL COPING.
 - PVC CONDENSATE DRAIN (SIZE AS SHOWN) WITH PIPE SUPPORTS EVERY 5'-0". TERMINATE CONDENSATE DRAIN AT PRIMARY SCUPPER. REFER TO DETAIL #11, THIS SHEET FOR ADDITIONAL INFORMATION.
 - PROVIDE PITCH PAN WITH CONDUIT OVER OFFICE FOR SATELLITE DISH/ANTENNA.
 - EQUIPMENT STAND FOR WALK-IN BOX COOLER/FREEZER CONDENSERS AND ICE MACHINE CONDENSER. REFER TO EQUIPMENT STAND DETAIL, THIS SHEET.
 - FLUE FOR WATER HEATERS.
 - 12X12 ACCESS PANELS FOR ELECTRICAL FOR LIGHT BAND.
 - 12X12 ACCESS PANELS IN SOFFIT FOR ELECTRICAL.

NO.	DATE	BY	FOR
1	10.02.21	RT	FOR PERMITS
2	11.30.21	RT	FOR PERMITS
3			

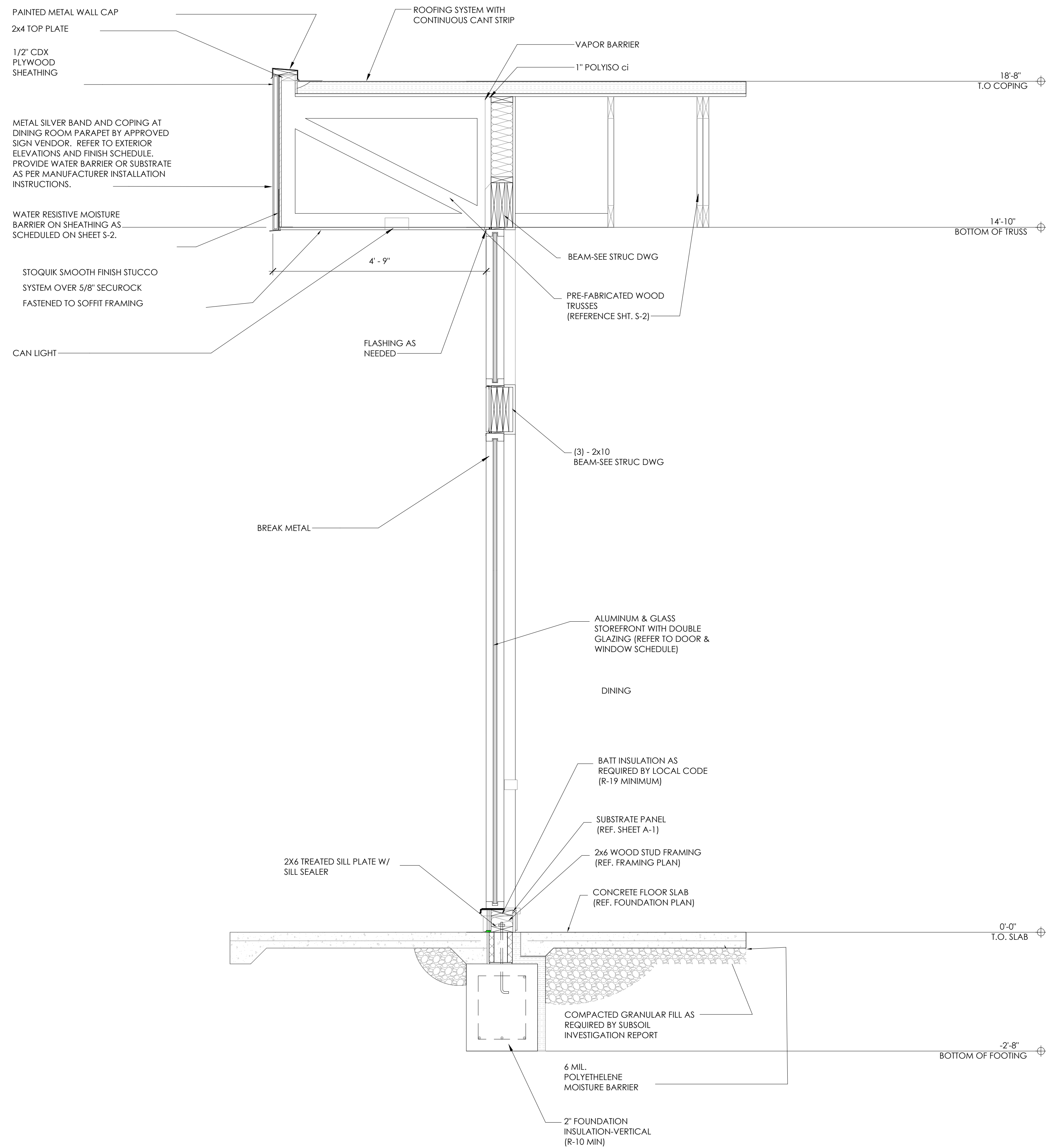
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SCALE: AS NOTED
DATE: 09.22.21



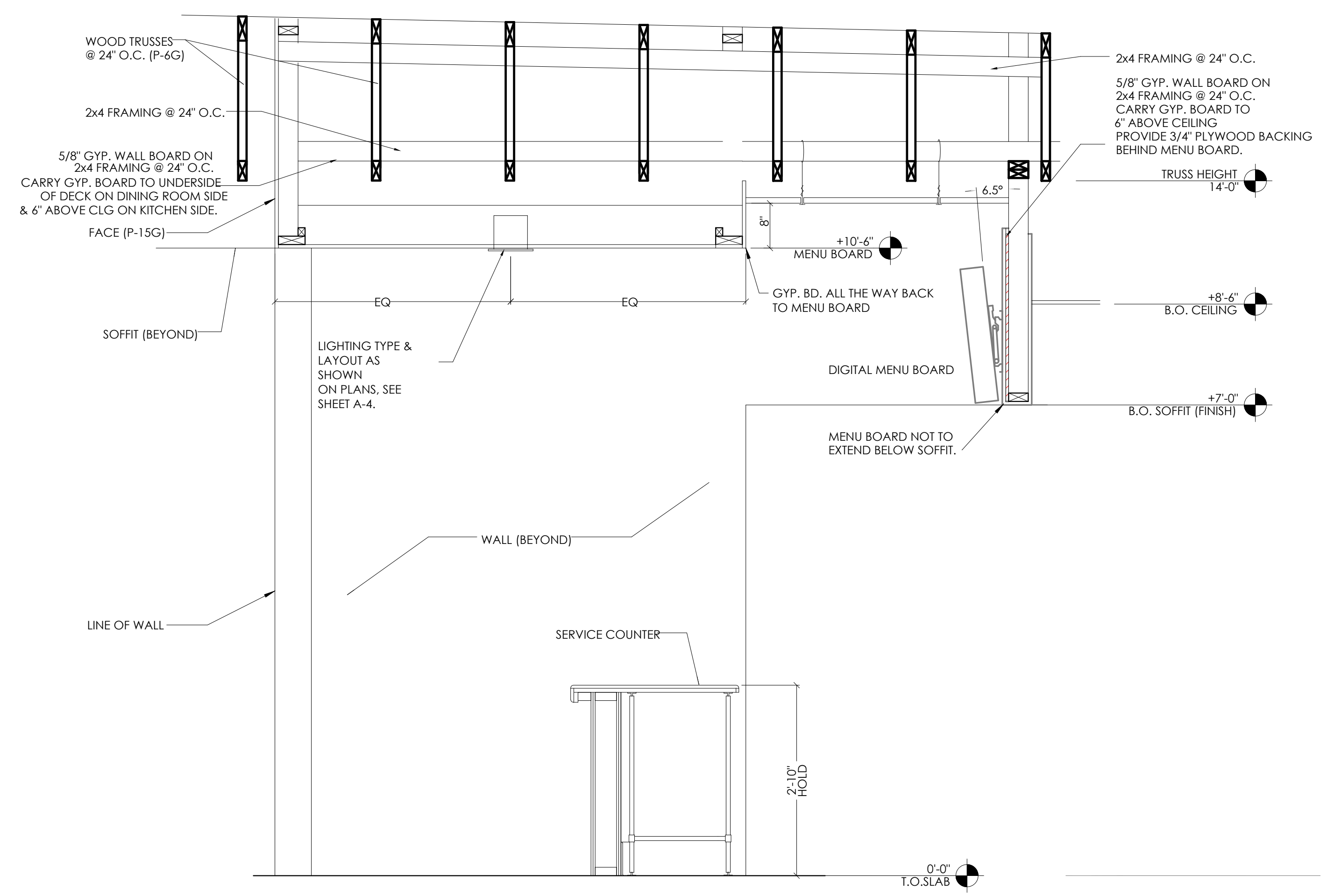
TECHNICAL GROUP, Inc.
10000 WASHINGTON HILLS, WA 98033
P: (425) 425-8000
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PROJECT: 3330 INDIANOLA AVE., COLUMBUS, OH 43214
SHEET TITLE: ROOF PLAN & DETAILS
JOB#: TG-21666
SHEET: A-5



1 DINING ROOM WALL SECTION
3/4" = 1'-0"



2 SERVICE AREA WALL SECTION
3/4" = 1'-0"

NO.	DATE	BY	REVISION
1	10.02.21	RT	FOR BEMPAI ID CITY
2	11.30.21	RT	FOR PLANNING DEPT

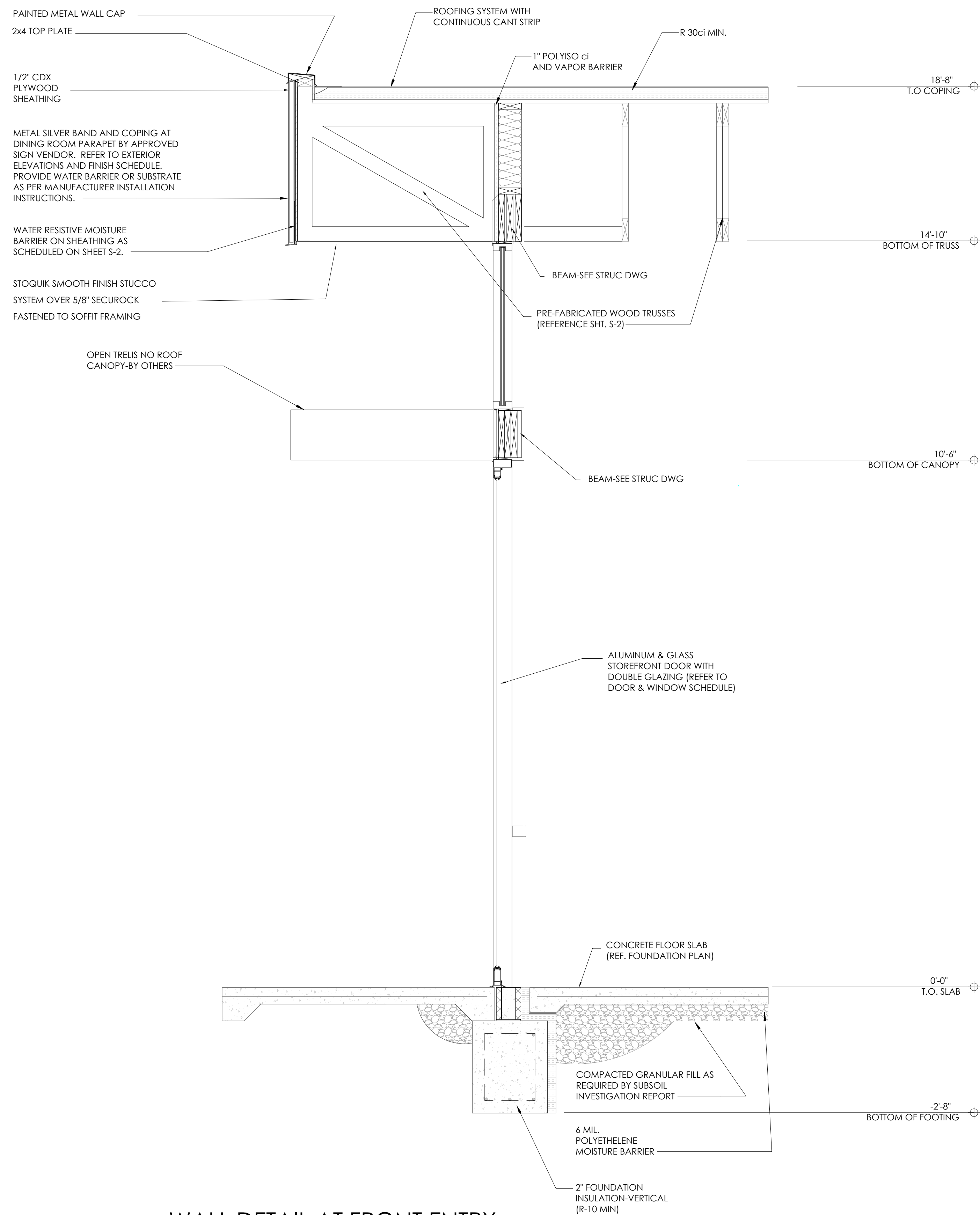
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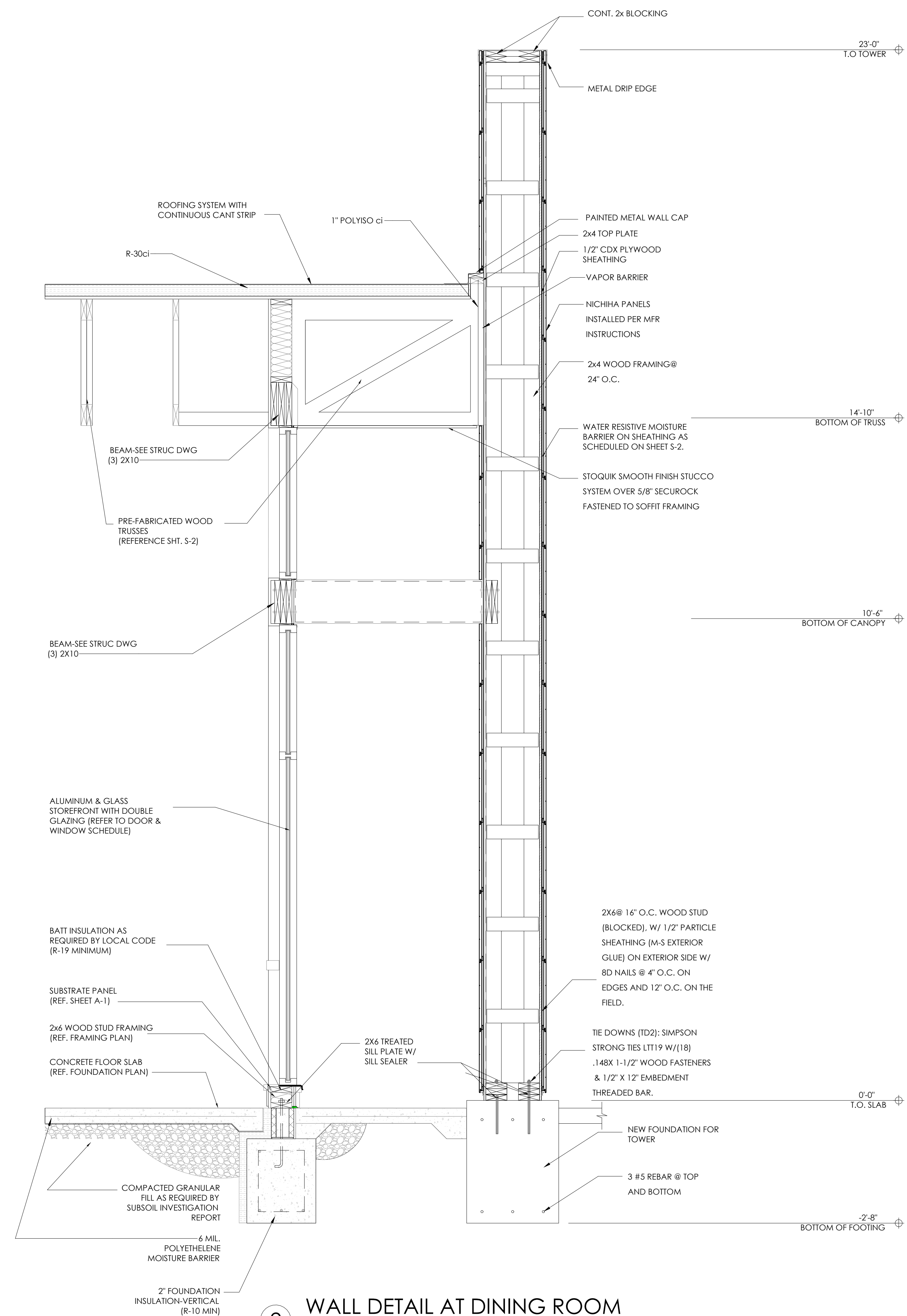
TECHNICAL GROUP, Inc.
10000 W. WASHINGTON HILLS, WA 48033
P: (248) 426-8000
F: (248) 426-7004



PROJECT 3330 INDIANOLA AVE. COLUMBUS, OH 43214	SHEET TITLE WALL SECTIONS
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JOB# TG-21666	SHEET A-6



1 WALL DETAIL AT FRONT ENTRY
3/4" = 1'-0"



2 WALL DETAIL AT DINING ROOM
3/4" = 1'-0"

NO.	DATE	BY	REVISION
1	10.22.21	RT	FOR SUBMITTAL TO CITY
2	11.30.21	RT	FOR PLANNING REVIEW

DRAWN BY: RT
 CHECKED: DB
 SCALE: AS NOTED
 DATE: 09.22.21

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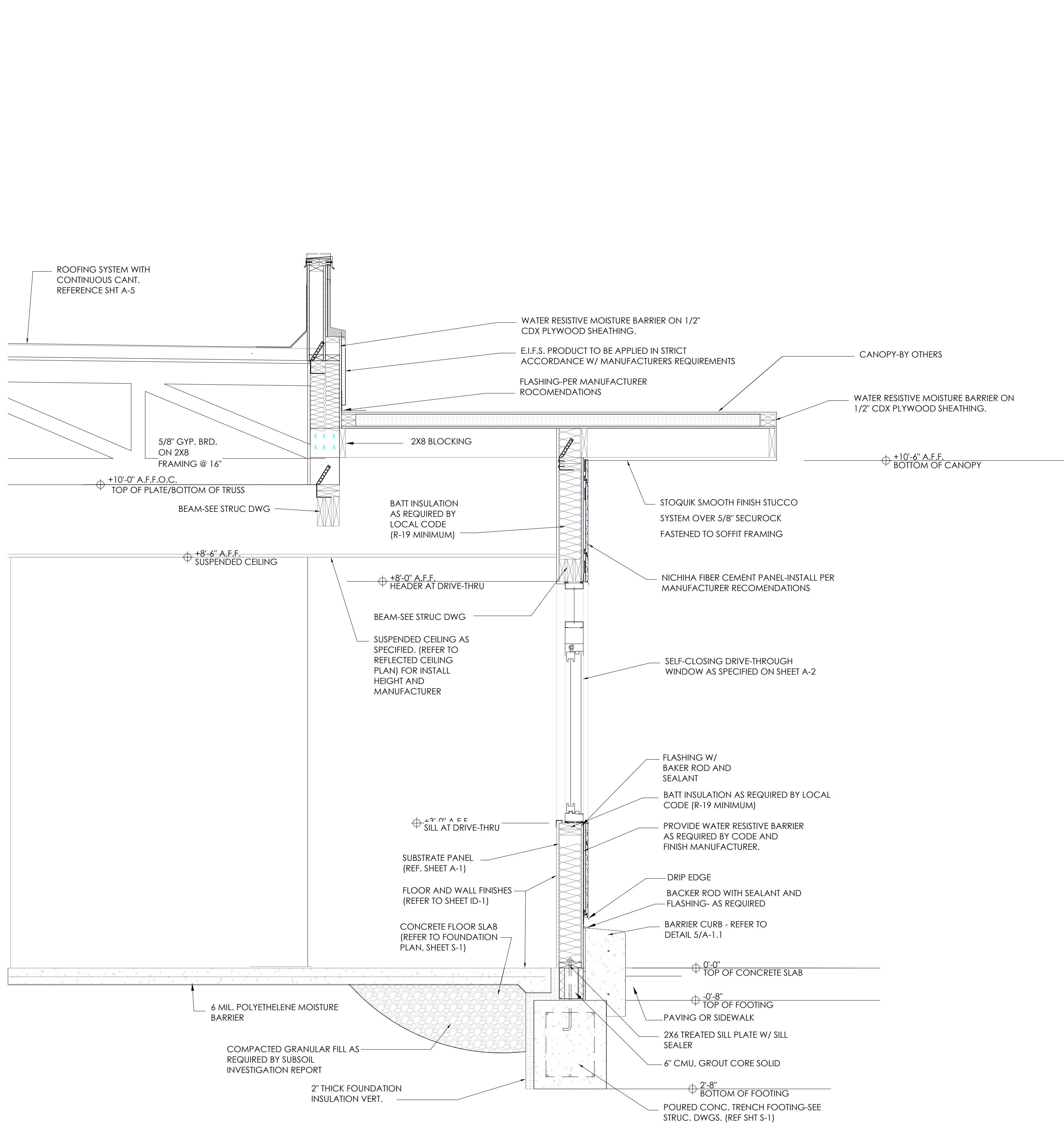

PROJECT
 3330 INDIANOLA AVE.
 COLUMBUS, OH 43214

SHEET TITLE
 WALL SECTIONS

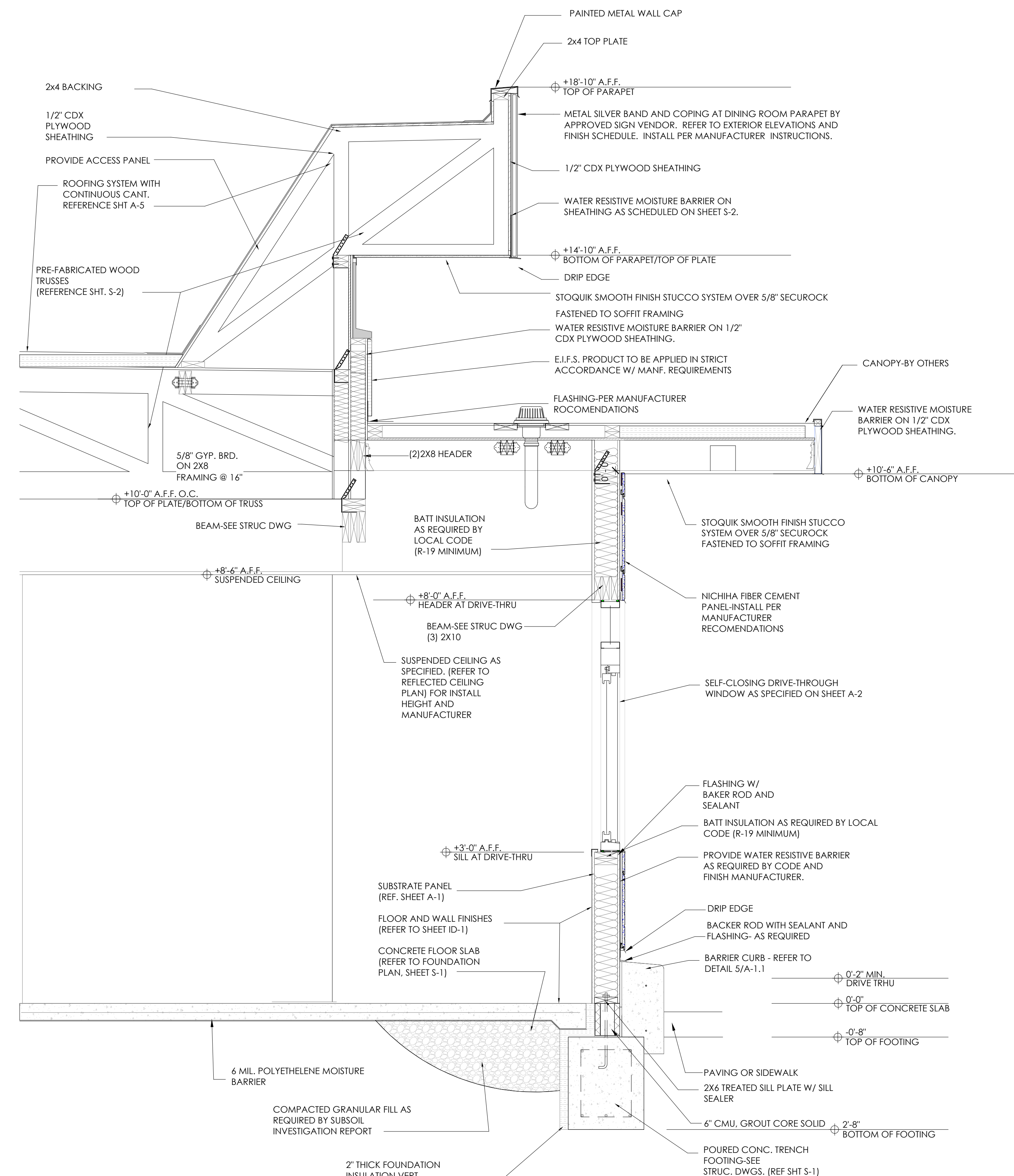
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JOB#
 TG-21666

SHEET
A-6.1



1 SECTION AT DRIVE-THRU PAY WINDOW
3/4" = 1'-0"



2 SECTION AT DRIVE-THRU PICKUP WINDOW
3/4" = 1'-0"

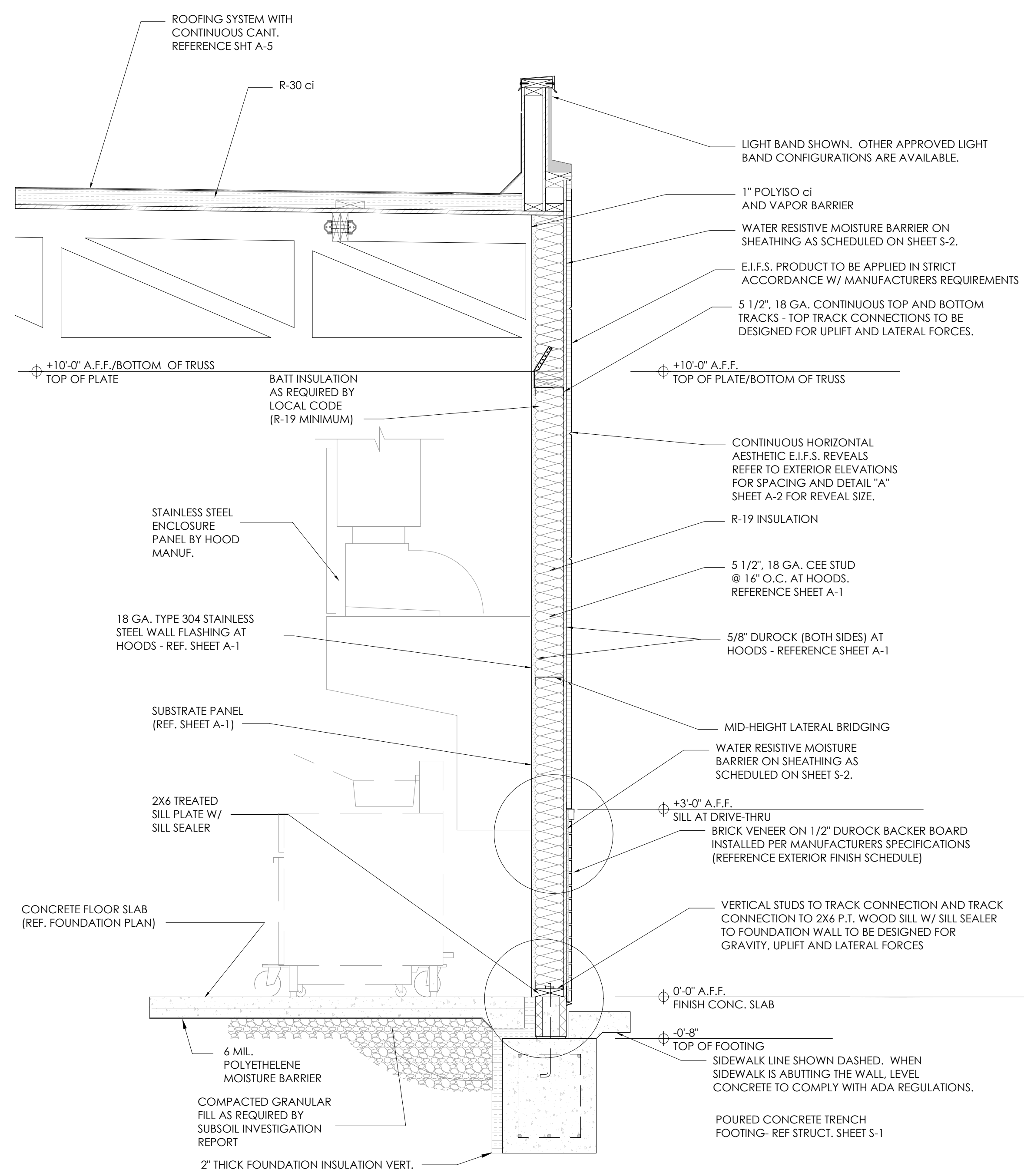
NO.	DATE	BY	REVISION
1	11.20.21	RT	FOR PERMITAL CITY
2	11.30.21	RT	FOR PLANNING DEPT

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CHECKED: DB
SCALE: AS NOTED
DATE: 09.22.21

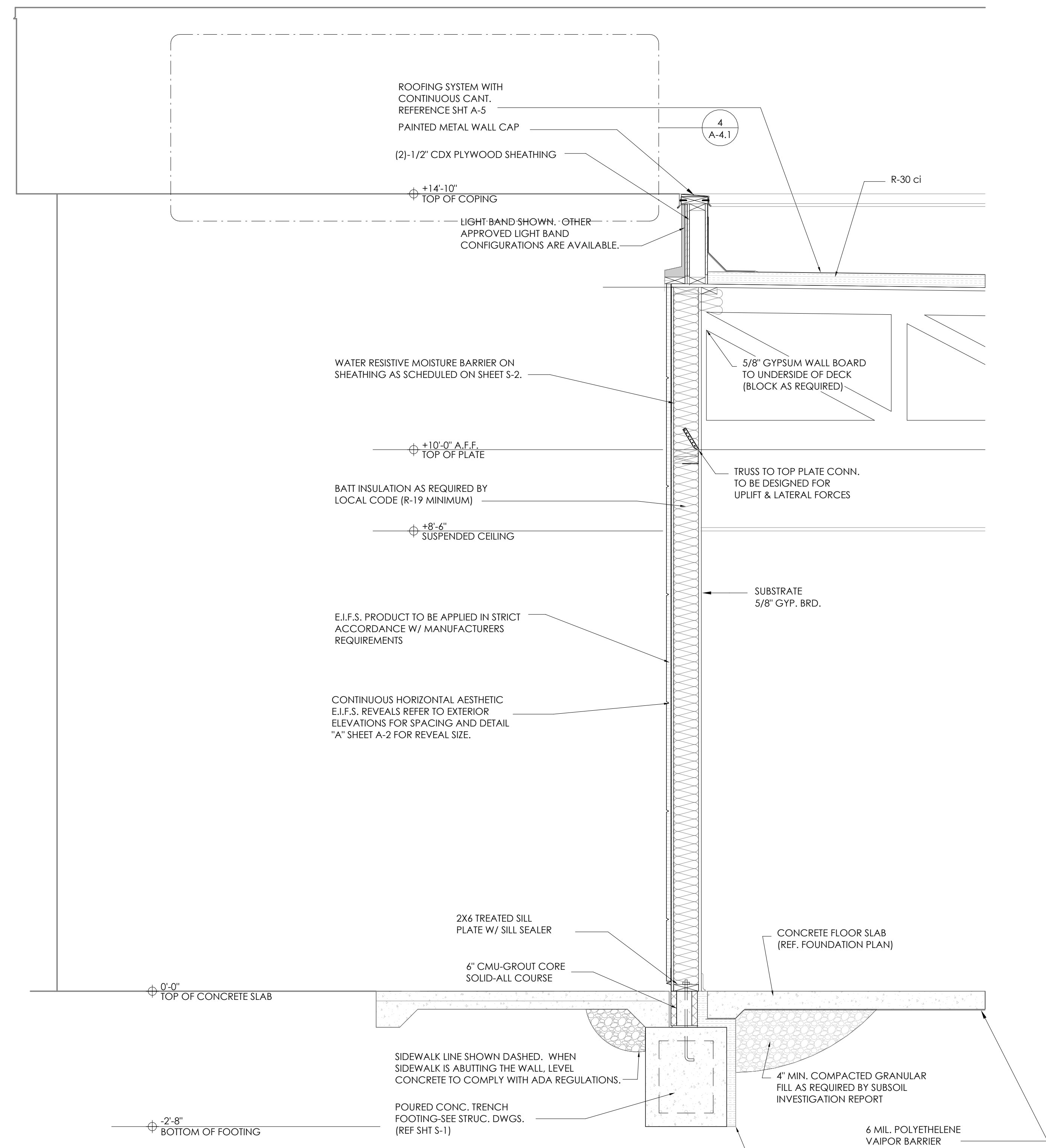
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PROJECT	3330 INDIANOLA AVE. COLUMBUS, OH 43214
SHEET TITLE	WALL SECTIONS
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.	
JOB#	TG-21666
SHEET	A-6.2



1 WALL SECTION AT HOODS
3/4" = 1'-0"



2 BACK OF BUILDING WALL SECTION
3/4" = 1'-0"

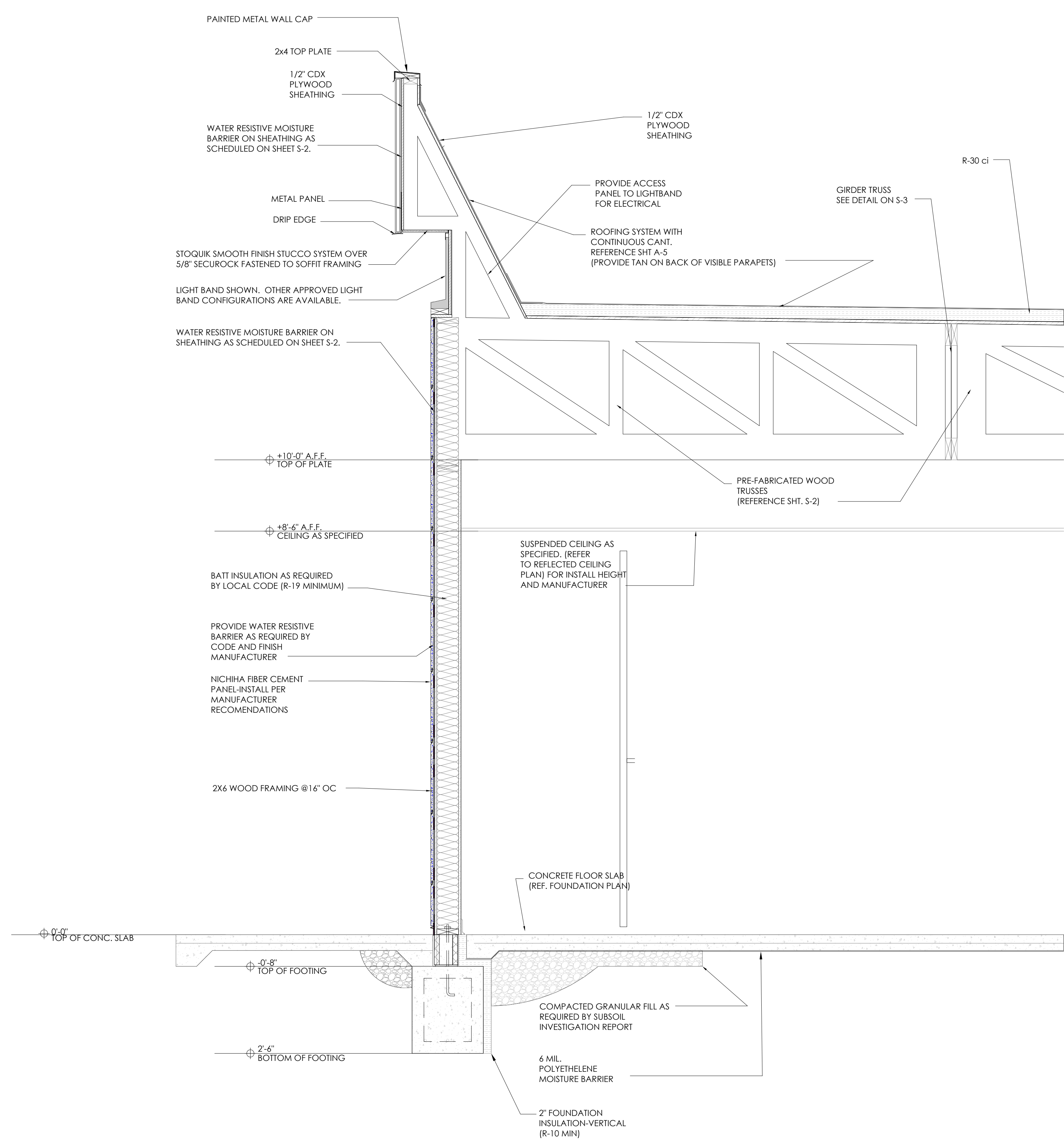
NO.	DATE	BY	REVISION
1	11.20.21	RT	FOR PERMITS, ETC.
2	11.30.21	RT	FOR PLANNING REVIEW

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SCALE: AS NOTED
DATE: 09.22.21

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PROJECT 3330 INDIANOLA AVE. COLUMBUS, OH 43214	SHEET TITLE WALL SECTIONS & DETAILS
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JOB# TG-21666	SHEET A-6.3



1 RESTROOM WALL SECTION
3/4" = 1'-0"

NO.	DATE	BY	REVISION
1	11.03.21	RT	FOR BIRMINGHAM CITY
2	11.30.21	RT	FOR PLANNING DEPT

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F: (248) 426-7004



PROJECT
3330 INDIANOLA AVE.
COLUMBUS, OH 43214

SHEET TITLE
WALL SECTIONS

DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

JOB#
TG-21666

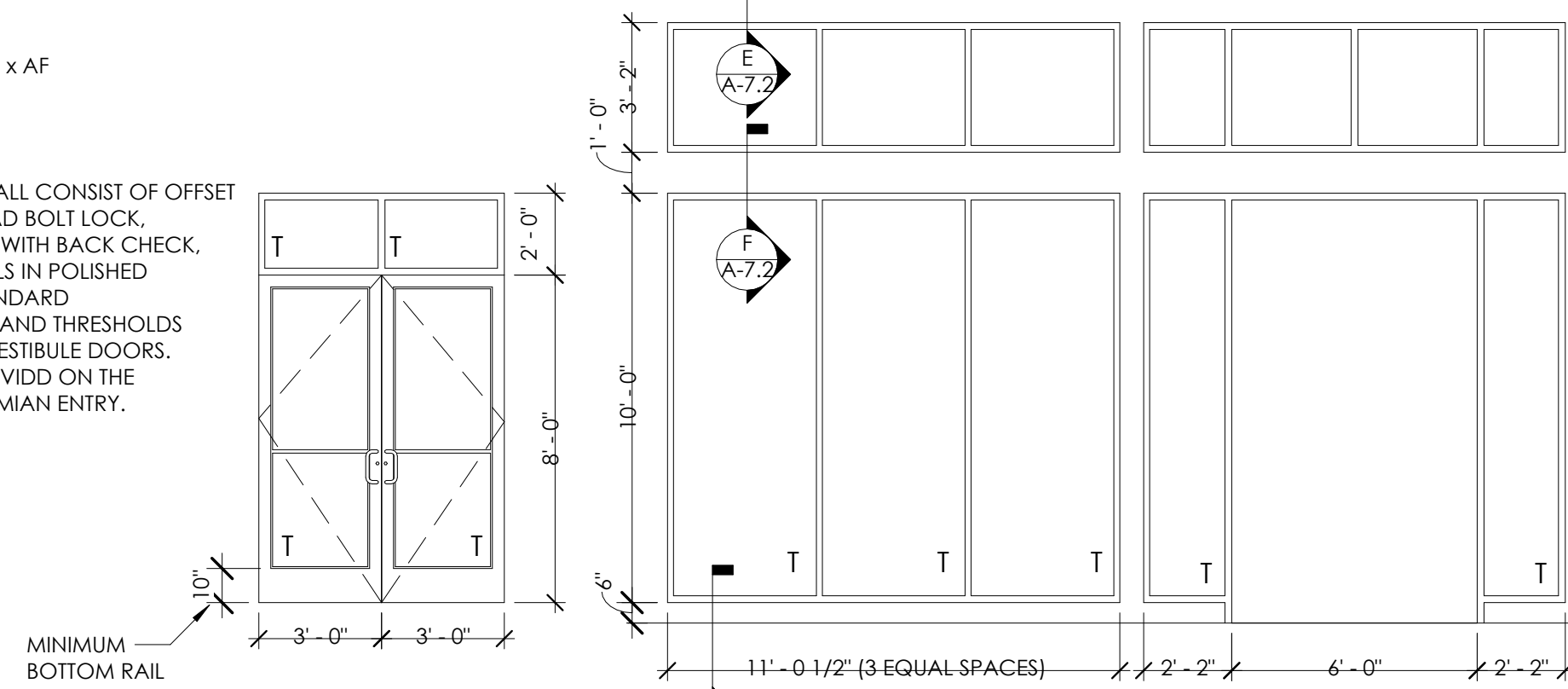
SHEET
A-6.4

DOOR

OPENING: 6'-0" x 10' - 4" x 3/4" x AD x AF
MATERIAL: ALUMINUM / GLASS
FINISH: CLEAR

HARDWARE

ENTRANCE DOOR HARDWARE SHALL CONSIST OF OFFSET PIVOTS, ADAMS RITE MS 1852S DEAD BOLT LOCK, NORTON 160S SURFACE CLOSERS WITH BACK CHECK, 9" CLASSIC STRAIGHT DOOR PULLS IN POLISHED STAINLESS OR CHROME, AND STANDARD THRESHOLDS, LOCKS, CYLINDERS, AND THRESHOLDS SHALL BE OMITTED ON INTERIOR VESTIBULE DOORS. DUMMY CYLINDERS SHALL BE PROVIDED ON THE EXTERIOR OF ALL DOORS EXCEPT MAIN ENTRY.



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

STOREFRONT FRAME AT MAIN ENTRANCE
SCALE: 1/4" = 1'-0"

VESTIBULE STOREFRONT FRAME
SCALE: 1/4" = 1'-0"

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

STOREFRONT FRAME AT SECOND ENTRANCE
SCALE: 1/4" = 1'-0"

FRAME
MATERIAL: ALUMINUM
FINISH: CLEAR

REMARKS

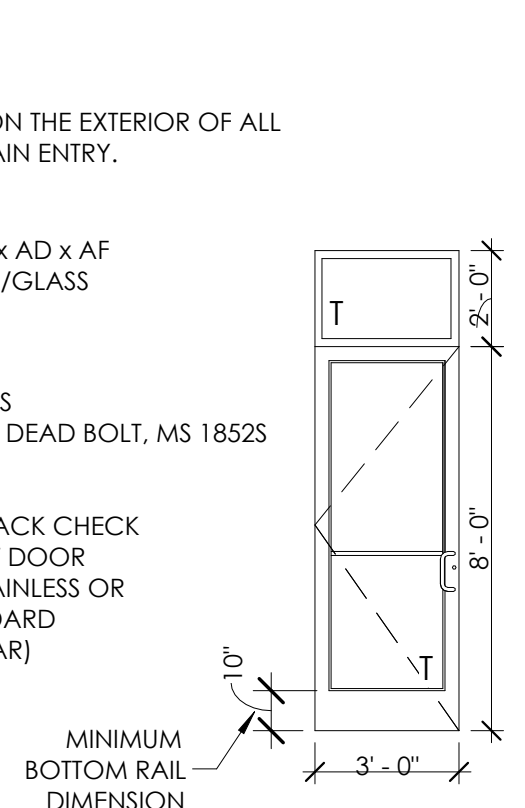
DUMMY CYLINDERS SHALL BE PROVIDED ON THE EXTERIOR OF ALL DOORS EXCEPT AT MAIN ENTRY.

DOOR

OPENING: 3'-0" x 7'-0" x 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 160S WITH BACK CHECK
9" CLASSIC STRAIGHT DOOR PULLS IN POLISHED STAINLESS OR CHROME, AND STANDARD THRESHOLDS, (STANDARD)



DOOR

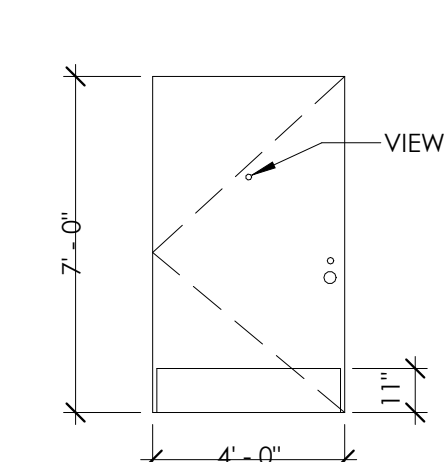
OPENING: 4'-0" x 7'-0" x 3/4" x MD x MF
MATERIAL: HOLLOW METAL
FINISH: PAINT - REFER TO SHEET A-2

HARDWARE

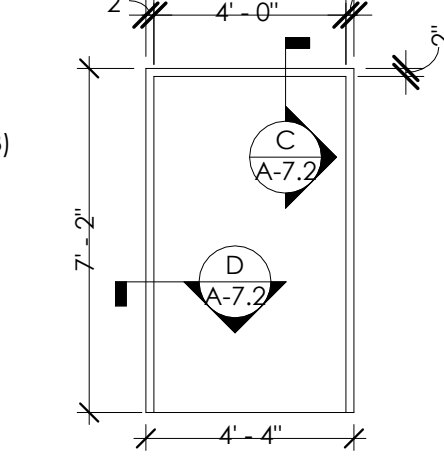
DOOR TO RECEIVE:
HINGES: 4 EACH HAGER: BB1168 4 1/2" x 4 1/2" x USP x NRP
EXIT DEVICE: 1 EACH VON DUPRIN Z2E0 x 689 (DOOR #3)
CLOSER: 1 EACH LCN 4116 EDA (DOOR #3) & LCN 4116 EDA (DOOR #4)
VIEWER: 1 EACH ROCKWOOD 622 x 626
KICKPLATES: 1 EACH HAGER 1935 10'x2' LDW 628 (INSTALL W/ FLAT HEAD PHILLIPS HEAD SCREWS)
THRESHOLDS: 1 EACH NATIONAL GUARD 325 x 48" x AL
DOOR SWEEPS: 1 EACH NATIONAL GUARD 200NA x 48"
WEATHERSTRIP: 1 SET NATIONAL GUARD 160SA 1 @ 48", 2 @ 84"
DOOR 4: MATCH LOCKSET/TRIM OF DOOR #4 PROVIDE 8" x 16" W LOUVER AT BOTTOM OF DOOR

FRAME

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



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



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

DOOR

OPENING: 3'-0" x 6'-8" x 3/4" x WD x AF
MATERIAL: SOLID CORE HPL
FINISH: REFERENCE ID SHEETS.

HARDWARE

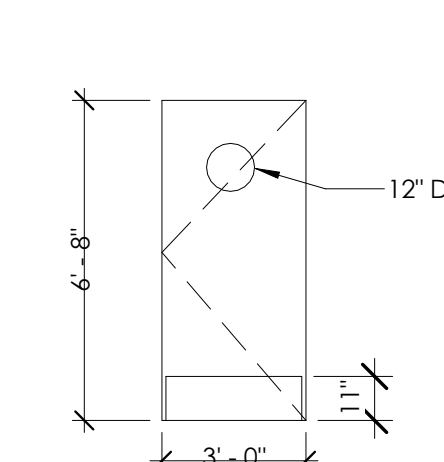
DOOR TO RECEIVE:
HINGES: 3 EACH HAGER: BB1279 4 1/2" x 4 1/2" x 652
LOCKSET: 1 EACH SCHLAGE: AL53PD SAT x 626
CLOSER: 1 EACH LCN 4111 EDA
FLOOR STOP: 1 EACH HAGER 241F x US26D
KICKPLATES: 2 EACH HAGER 1935 10'x2' LDW 628 (INSTALL W/ FLAT HEAD PHILLIPS HEAD SCREWS)
SILENCERS: 3 EACH HAGER 307D RBR
DOOR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

FRAME

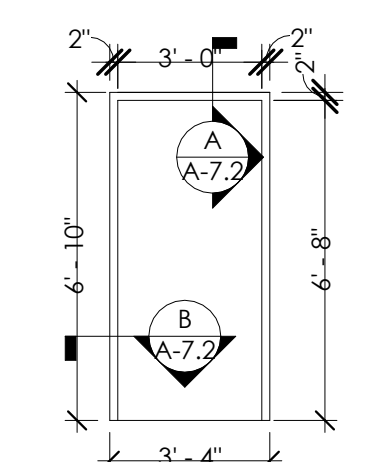
MATERIAL: ALUMINUM
FINISH: REFERENCE ID SHEETS

REMARKS

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



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



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

DOOR

OPENING: 3'-0" x 6'-8" x 3/4" x WD x AF
MATERIAL: SOLID CORE HPL
FINISH: REFERENCE ID SHEETS.

HARDWARE

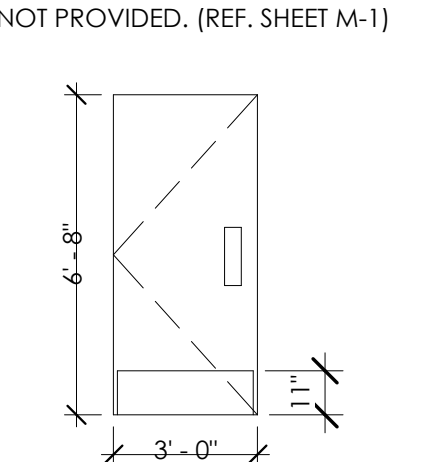
DOOR TO RECEIVE:
HINGES: 3 EACH HAGER: BB1279 4 1/2" x 4 1/2" x 652
CLOSER: 1 EACH LCN 4111 EDA
PUSH PLATE: 1 EACH HAGER 305 4x16 628
FLOOR STOP: 1 EACH HAGER 241F x US26D
KICKPLATES: 2 EACH HAGER 1935 10'x2' LDW 628 (INSTALL W/ FLAT HEAD PHILLIPS HEAD SCREWS)
SILENCERS: 3 EACH HAGER 307D RBR

FRAME

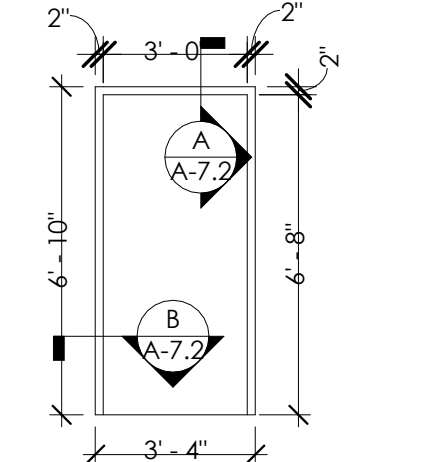
MATERIAL: ALUMINUM
FINISH: REFERENCE ID SHEETS

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



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

DOOR

OPENING: 3'-0" x 6'-8" x 3/4" x WD x AF
MATERIAL: SOLID CORE HPL
FINISH: REFERENCE ID SHEETS.

HARDWARE

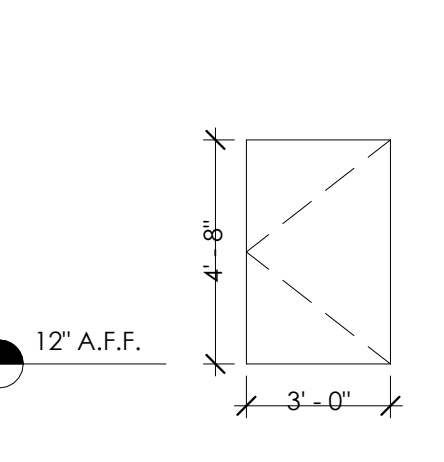
DOOR TO RECEIVE:
HINGES: 2 EACH HAGER: 1250 4 1/2" x 4 1/2" x 625
SPRING HINGES FOR SELF-CLOSING DOOR:
1 EACH SCHLAGE: AL408 SAT x 626
WALL STOP: 1 HAGER 236W x 630
SILENCERS: 2 EACH HAGER 307D RBR

FRAME

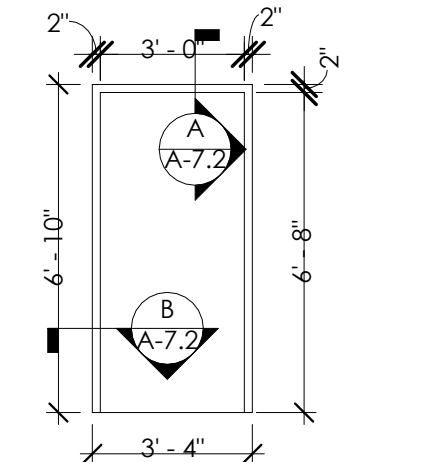
MATERIAL: ALUMINUM
FINISH: REFERENCE ID SHEETS

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 10/11
SCALE: 1/4" = 1'-0"



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

DOOR

OPENING: 3'-0" x 6'-8" x 3/4" x WD x AF
MATERIAL: SOLID CORE HPL
FINISH: REFERENCE ID SHEETS.

HARDWARE

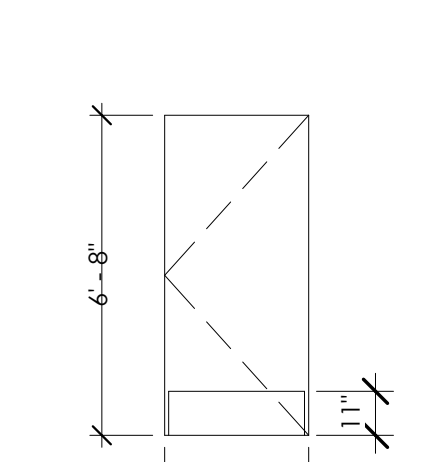
DOOR TO RECEIVE:
HINGES: 3 EACH HAGER: BB1279 4 1/2" x 4 1/2" x 652
LOCKSET: 1 EACH SCHLAGE: AL53PD SAT x 626
FLOOR STOP: 1 EACH HAGER 241F x US26D
KICKPLATES: 2 EACH HAGER 1935 10'x2' LDW 628 (INSTALL W/ FLAT HEAD PHILLIPS HEAD SCREWS)
SILENCERS: 3 EACH HAGER 307D RBR

FRAME

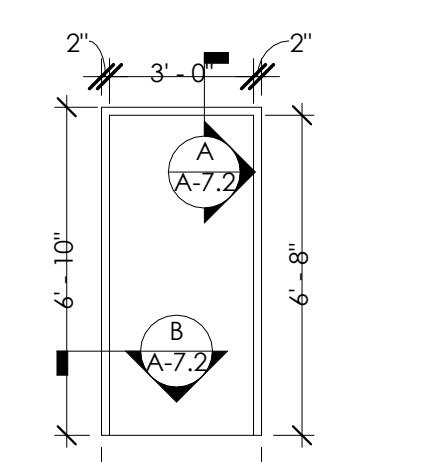
MATERIAL: ALUMINUM
FINISH: REFERENCE ID SHEETS

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



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

DOOR

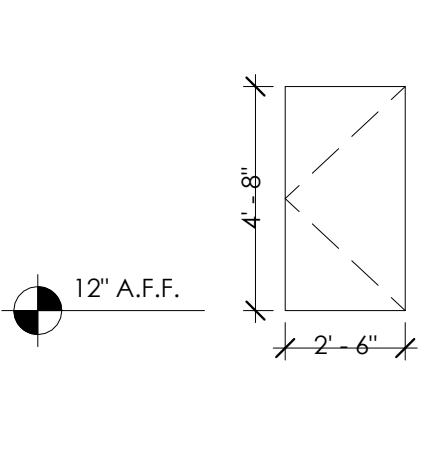
OPENING: 2'-6" x 6'-8" x 3/4" x WD x AF
MATERIAL: SOLID CORE HPL
FINISH: REFERENCE ID SHEETS.

HARDWARE

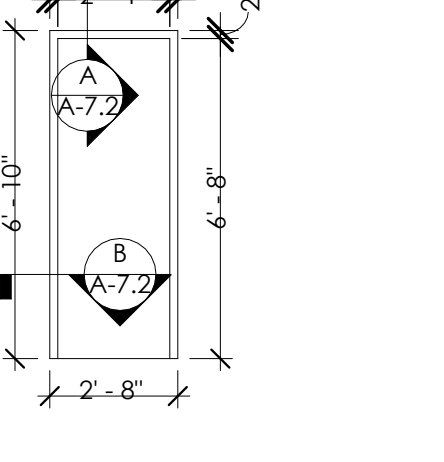
DOOR TO RECEIVE:
HINGES: 2 EACH HAGER: 1250 4 1/2" x 4 1/2" x 625
SPRING HINGES FOR SELF-CLOSING DOOR:
LOCKSET: 1 EACH SCHLAGE: AL408 SAT x 626
WALL STOP: 1 HAGER 236W x 630
SILENCERS: 2 EACH HAGER 307D RBR

FRAME

MATERIAL: ALUMINUM
FINISH: REFERENCE ID SHEETS



DOOR 12
SCALE: 1/4" = 1'-0"



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

DOOR

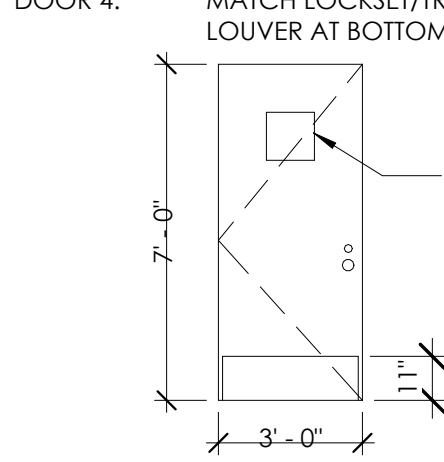
OPENING: 4'-0" x 7'-0" x 3/4" x MD x MF
MATERIAL: HOLLOW METAL
FINISH: PAINT - REFER TO SHEET A-2

HARDWARE

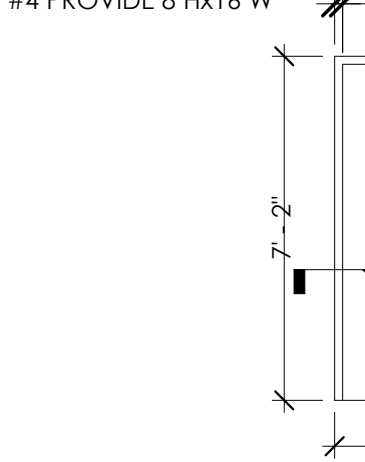
DOOR TO RECEIVE:
HINGES: 4 EACH HAGER: BB1168 4 1/2" x 4 1/2" x USP x NRP
EXIT DEVICE: 1 EACH VON DUPRIN Z2E0 x 689 (DOOR #3)
CLOSER: 1 EACH LCN 4111 EDA
VIEWER: 1 EACH ROCKWOOD 622 x 626
KICKPLATES: 1 EACH HAGER 1935 10'x2' LDW 628 (INSTALL W/ FLAT HEAD PHILLIPS HEAD SCREWS)
THRESHOLDS: 1 EACH NATIONAL GUARD 325 x 48" x AL
DOOR SWEEPS: 1 EACH NATIONAL GUARD 200NA x 48"
WEATHERSTRIP: 1 SET NATIONAL GUARD 160SA 1 @ 48", 2 @ 84"
DOOR 4: MATCH LOCKSET/TRIM OF DOOR #4 PROVIDE 8" x 16" W LOUVER AT BOTTOM OF DOOR

FRAME

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



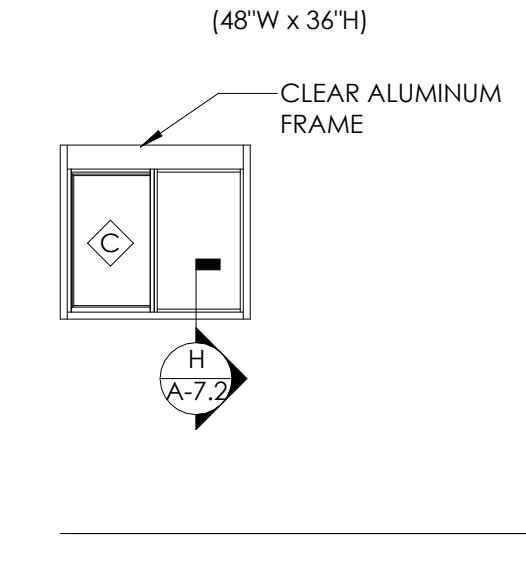
DOOR 13/14
SCALE: 1/4" = 1'-0"



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

DRIVE THROUGH WINDOWS

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



OFFICE WINDOW

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

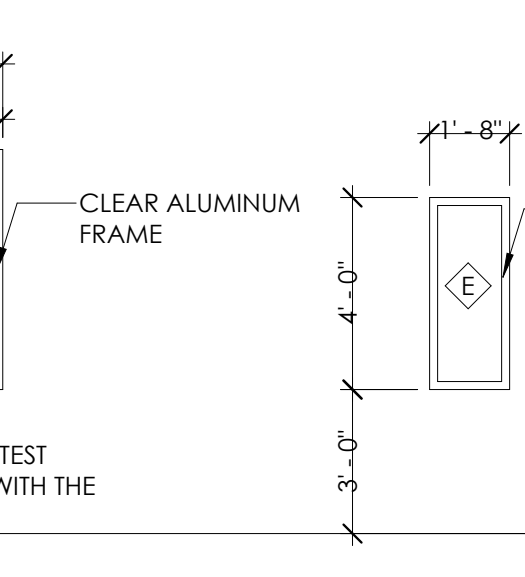


Table with columns: NO., DATE, BY, FOR EMPLOYER, FOR PLANNING/DESIGN, DRAWN BY, CHECKED, SCALE, DATE.



TECHNICAL GROUP, Inc. logo and contact information: 3000 WASHINGTON HILLS, WY 83033, P: (307) 426-8000, F: (307) 426-7004.



PROJECT: 3330 INDIANOLA AVE., COLUMBUS, OH 43214
SHEET TITLE: STOREFRONT ELEV. & DOOR SCHEDULE
JOB#: TG-21666
SHEET: A-7

DIRECTORY OF MANUFACTURERS AND SUPPLIERS

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

UPDATE 9-12-2019	DIVISION 9 - FINISHES		DIVISION 15 - MECHANICAL	EQUIPMENT, PLAYGROUNDS AND DECOR
DIVISION 4 - MASONRY PINE HALL BRICK CO. (THIN BRICK & FACE BRICK) 2701 SHOREFAR DRIVE, NW WINSTON-SALEM, NC 27105 THERESA BEANE: (800) 334-8689 tbeane@pineshallbrick.com	EVOLUTION BRICK (THIN BRICK & FACE BRICK) 226 OLD HIGHWAY 60 EAST HARDINSBURG, KY 40143 GABE POWERS: (502) 558-4612 gpow@evolutionbrick.com	DIVISION 9 - FINISHES FOR FINISH MATERIALS, AND CONTACTS, REFER TO FINISH SCHEDULES FOUND IN THE "COMMON DOCUMENTS" SECTION OF THE WWW.DESIGNSWITHBK.COM WEBSITE.	DIVISION 15 - MECHANICAL RINNAI (INSTANT WATER HEATERS) RINNAI NATIONAL ACCOUNT PRICING THROUGH HAINES, JONES, & CADBURY 96@rjgc.com OR 800-459-7099	EQUIPMENT, PLAYGROUNDS AND DECOR SICOM (POS, IMB&DOBMB HARDWARE/SOFTWARE, SPEED OF SERVICE TIMER, KITCHEN WINDER - CHEF) 4614 MADAWAY DRIVE DOYLESTOWN, PA 18901 MICHAEL SCHWARTZ 215-489-2500 EXT 2249 michaelschwartz@senial.com
HC MUDDOX BRICK CO. (FACE BRICK) 4875 BRADSHAW ROAD SACKRAMENTO, CA 95827 BRIN VINCOX 916-206-7831	BORAL STONE (MANUFACTURED STACKED STONE) 1370 GRAND AVENUE, SUITE B SAN MARCOS, CA 92078 JOAN SCRUGGS 760-407-5873 jscruggs@boral.com culture@boral.com	DIVISION 9 - FINISHES ARMSTRONG STRATEGIC ACCOUNTS (CEILING TILE) 1000 ALLIANCE ROAD CINCINNATI, OH 45242 JULY COLE 800-635-4027 july@selecoinc.com NOTE: USE PROGRAM QUOTE # D0103139 TO RECEIVE NATIONAL BKC PRICING	USG INTERIORS (CEILING TILE) CHRIS BENJAMIN 312-436-5458 cbenjamin@usg.com NOTE: USE PROGRAM QUOTE # D0103139 TO RECEIVE NATIONAL BKC PRICING	Samsung/LSI (INTERIOR & OUTDOOR DIGITAL MENU BOARD SCREENS) 1000 ALLIANCE ROAD CINCINNATI, OH 45242 SARA GROFSK 214-952-1242 judy@selecoinc.com DAVID SIMMONS 513-372-3181 David.simmons@si-industries.com
DIVISION 5 - METALS ADDISON STEEL (STRUCTURAL STEEL) ADDISON, IL 60101 256-747-1554	DIVISION 9 - FINISHES ROBRICK/KOALA KAFE PRODUCTS (RESTROOM ACCESSORIES, TOILET PARTITIONS & HARDWARE, BABY CHANGING TABLES & HIGHCHAIRS) CONTACT: HAINES, JONES, & CADBURY (HJC) OR RESTROOM REMODELS COMPANY	DIVISION 15 - MECHANICAL SPROVER'S CUSTOM COUNTERS (CORIAN VANITY SINKS) 51 SAJARA DRIVE ADDISON, IL 60101 CONTACT: HAINES, JONES, & CADBURY (HJC) OR RESTROOM REMODELS COMPANY	JM FOOD SERVICE (WATER FILTERS) JM CENTER BLDG. 223-2N-20 ST. PAUL, MN 55144-1000 DAVID RADCLIFF 518-281-7754 djr@jmfsm.com	INC HOSPITALITY (POS) 300 CORPORATE DRIVE, SUITE 300 FORT LAUDERDALE, FL 33334 NATASHA KARPOVA 978-549-8989 natasha.karpova@incc.com
DIVISION 7 - THERMAL MOISTURE PROTECTION GURD LAST ROOFING (FLAT ROOFING) 5125 MORLEY DRIVE GARDINER, MI 48603 LINDY BUEHLIN: 800-432-9331 SAMANTHA PICKELMAN 989-758-1048 OR 989-930-9826	BASF CORPORATION (POLYURETHANE ROOFING SYSTEMS) 1703 CROSS POINT AVE HOUSTON, TX 77054 MICHAEL RUSSO: 770-805-9466 mrusso@nichha.com	DIVISION 15 - MECHANICAL HAINES, JONES, AND CADBURY (HJC) (FULL RESTROOM PLUMBING PACKAGE, RESTROOM ACCESSORIES, CORIAN SINKS, WATER HEATERS) 13 HAMMATT STREET PITTSBURGH, PA 15208 Krislyn Magesh 724-525-0008 krlv@restroomremodels.com	ECOLAB (WATER FILTERS) 14515 RIVERBEND DRIVE WORTH, TX 76118 AL POWELL 817-206-2513 al.powell@ecolab.com	PANASONIC (DRIVE THRU HEADSETS) 1 RIVERVIEW PLAZA, 6TH FLOOR NEWARK, NJ 07102 JOHN HARRISON: 770-423-9575 theresa.murphy@us.panasonic.com
BERTRIDGE ROOFING (FLAT ROOFING) TYLER HALL JOPPOL, TX 75401 210-650-7047	TAMKO ROOFING PRODUCTS (FLAT ROOFING) P.O. BOX 1404 JOPPOL, MO 64602 800-664-4691	DIVISION 15 - MECHANICAL AMERICAN STANDARD (RESTROOM ACCESSORIES) 1 CENTENAL AVENUE FISCHKAMP, NJ 08854 CONTACT: HAINES, JONES, & CADBURY (HJC) OR RESTROOM REMODELS COMPANY	LOREX COOL CO (HUMIDITY CONTROLS) 2015 S. DALE SPRINGFIELD, AR 72708 KEN DICKEYSON: 813-966-9200 ken.dickson@tampanyar.com	PANASONIC (DRIVE THRU HEADSETS) JM CENTER BLDG. 223-2N-20 ST. PAUL, MN 55144-1000 JOE CIAMPI: 764-771-2449 jciampi@jmwmm.com
FIRESTONE METAL PRODUCTS (METAL ROOF) 250 WEST 96TH STREET INDIANAPOLIS, IN 46260 YUSUKE KOBEEDA: 615-345-9991 korvedy@firestonebp.com	G.A.F. (FLAT ROOF) 1365 ALPS ROAD WAYNE, NJ 07470 (201) 628-3000 800-766-3411	DIVISION 15 - MECHANICAL ZURN INDUSTRIES (PLUMBING FIXTURES) CONTACT: HAINES, JONES, AND CADBURY OR RESTROOM REMODELS COMPANY	AMEREX CORPORATION (FIRE PROTECTION SYSTEMS) 800 AVIATION PARKWAY SAPPHIRE, TX 77086 800-877-5738 ts-bjparts.us@frankinc.com	H & K INTERNATIONAL (KITCHEN EQUIPMENT CONSOLIDATOR, SMALLWARES, HOODS) 2205 SKYLINE DR DALLAS, TX 75223 HEATHER VALVERDE: 214-818-3521 heather.valverde@hki.com
NICHHA USA LLC (FIBERCEMENT PANELS) 6485 EAST JOHN CROSSING, SUITE 250 JOHN CROSSING, GA 30007 MATT STEPHENSON 770-805-9466 mstephen@nichha.com	H&K INTERNATIONAL (SAFETY) 8899 EAST DALE ROAD, SUITE #1 PEKIN, IL 61765 MIKE MARCOSSA: 877-768-9970 mike@hksinternational.com	DIVISION 15 - MECHANICAL ECOLAB FOOD SAFETY SPECIALTIES, INC. DBA DAYDUTS (PEST AID KITS) 201 EAST JOHN CARPENTER FREEWAY IRVING, TX 75062 JOHN PULCHER 800-321-3687 john.pulcher@ecolab.com	H&K INTERNATIONAL (BROILER AND FRYER VENTILATION HOODS) 2200 SKYLINE DRIVE MCKINNEY, TX 75069 JOHN ANDERSON 973-223-1238 john.anderson@gaylorusa.com	NICO CORPORATION (BROILERS) 7500 CAMPBELL DRIVE WINNEMAN, CA 94592 RICK GARCIA 905-205-0657 rgarcia@nicocorp.com
DIVISION 8 - DOORS AND WINDOWS QUILKERSV (DRIVE THRU WINDOWS & AIR CURTAINS) DOOR HARDWARE HOUSTON, TX 77041 800-388-8307 BRIAN MCCLOSKEY brianmccloskey@quikersv.com	MARLITE (RESTROOM PARTITIONS, COMPLETE DOOR PACKAGES, DOOR HARDWARE) 202 HARGER STREET CLEARWATER, FL 33762 KEITH WHITLEY 919-410-1234 keith.whitley@allemendries.com	DIVISION 10 - SIGNS & CANOPIES LEXTRON, INC. (LED PARAPET LIGHT BANDS) 7405 S. 46TH PLACE TULSA, OK 74145 ED MILLER 918-622-4978 emiller@lextroninc.com	DIVISION 16 - ELECTRICAL SECURITY LIGHTING SYSTEMS (FULL STORE PACKAGE LIGHTING FOR INTERIOR/EXTERIOR BUILDINGS & STEEL LIGHTS, SURVEYS AND PHOTOMETRICS) 2100 GOLF ROAD, SUITE 460 HOLLING MEADOWS, IL 60008 WHITNEY WATSON: 800-544-4848 EXT 131 wilg@securitylighting.com	HERMITAGE LIGHTING NATIONAL ACCOUNTS (MASTER LIGHTING CONSOLIDATOR, SURVEYS AND PHOTOMETRICS) 3640 TROUSDALE DRIVE NASHVILLE, TN 37204 DAVID CHICKOFF 615-843-3369 dchickoff@hermitagelighting.com
READY ACCESS (DRIVE THRU WINDOWS & AIR CURTAINS) 3815 ARTHUR DRIVE WEST CHICAGO, IL 60635 KELLY MCCOY-DRICK: 800-621-5045 EXT 113 kelly@ready-access.com	COMMERCIAL INTERIORS MANUFACTURING (RESTROOM PARTITIONS, HOLLOW METAL FRAMES & DOORS, WOOD DOORS, HARDWARE (HINGES, LOCKS, ETC)) 136 HOLLY STREET JASPER, GA 30143 AUSTIN HOLAN: 706-253-4761 austin@imgibi.com	DIVISION 10 - SIGNS & CANOPIES CUMMINGS SIGNS, INC. (RESTROOM PARTITIONS, HOLLOW METAL FRAMES & DOORS, WOOD DOORS, HARDWARE (HINGES, LOCKS, ETC)) 1200 ENTERA DRIVE PANAMA CITY, FL 32401 850-797-0779 ALAN BRYANT 334-796-3313 alan.bryant@enteradvertising.com	LS INDUSTRIES, INC. (INTERIOR AND EXTERIOR LIGHTING, SURVEYS AND PHOTOMETRICS) 2000 ALLIANCE ROAD CINCINNATI, OH 45242 BOB LUCAS 480-368-9399 OR 602-740-9894 bob.lucas@ls-industries.com	FBD PARTNERSHIP, LP (LIMITED DECOR ITEMS) 8160 INTERCHANGE PARKWAY SUITE 115 SAN ANTONIO, TX 78248 TIM GARRETT 210-637-2870 OR 866-323-2777 tgarrett@fbdroom.com
HAMILTON PARKER COMPANY (HOLLOW METAL FRAMES & DOORS, WOOD DOORS, HARDWARE (HINGES, LOCKS, ETC)) 1585 LONDOND AVE COLUMBUS, OH 43219 JIM CAMPBELL 614-358-7806 jimcambell@hamiltonparker.com	COMMERCIAL CORE DIVISION (CANDOPIES AND SIGNS) JM CENTER ST. PAUL, MN 55144 JOE CIAMPI: 764-771-2449 OR 800-328-0033 jciampi@jmwmm.com	DIVISION 10 - SIGNS & CANOPIES FEDERAL HEALTH SIGN CO (INTERIOR AND EXTERIOR BUILDING LIGHTING) 12704 DUPONT CIRCLE TAMPA, FL 33626 FIONA PAUL 813-855-4415 fpaul@federalhealth.com	HERMITAGE LIGHTING SOLUTIONS, LLC (MASTER LIGHTING CONSOLIDATOR, SURVEYS AND PHOTOMETRICS) 8550 WINTON PLAZA BOULEVARD, SUITE 702 BATON ROUGE, LA 70809 JENNIFER WADDOCK 877-225-1336 jenw@hermitagelighting.com	CORNELIUS, INC. (BEVERAGE SYSTEM) 100 BROADWAY STREET WEST DALLAS, TX 75201 ROSS EDWARDS 904-631-1031 ross.edwards@wustlincorp.com
FINGERSAFE USA, INC. (FINGER IN JAMES SAFETY - PLAYGROUNDS) 115 WEST OGLETHORPE AVENUE SAVANNAH, GA 31401 MEAGAN KIRWAN 912-334-6120 orders@fingersafe.com Meagan@fingersafe.com	COMMERCIAL CORE DIVISION (CANDOPIES AND SIGNS) JM CENTER ST. PAUL, MN 55144 JOE CIAMPI: 764-771-2449 OR 800-328-0033 jciampi@jmwmm.com	DIVISION 10 - SIGNS & CANOPIES OPTEC DISPLAYS, INC. (DIGITAL READERBOARD) 1700 SOUTH DESOTO PLACE ONTARIO, CA 91768 JEFF CAMPBELL: 888-343-5320 EXT 250 jeffcamp@optec-led.com	HERMITAGE LIGHTING SOLUTIONS, LLC (MASTER LIGHTING CONSOLIDATOR, SURVEYS AND PHOTOMETRICS) 8550 WINTON PLAZA BOULEVARD, SUITE 702 BATON ROUGE, LA 70809 JENNIFER WADDOCK 877-225-1336 jenw@hermitagelighting.com	INTERNATIONAL COOL STORAGE (ICS) (WALK-IN COOLERS / FREEZERS, DRY STORAGE COMPARTMENTS) 215 EAST 13th STREET ANDOVER, KS 67002 FERAS AFFAN: 949-500-9822 feras.affan@everedge.com
NRS - NATIONAL READERBOARD SUPPLY (READERBOARD LETTERS & SUPPLIES) 180 PALMONE PARKWAY PONCHA SPRINGS, CO 81242 Patrick Case 800-243-6676 Sales@nationalreaderboard.com	COMMERCIAL CORE DIVISION (CANDOPIES AND SIGNS) JM CENTER ST. PAUL, MN 55144 JOE CIAMPI: 764-771-2449 OR 800-328-0033 jciampi@jmwmm.com	DIVISION 10 - SIGNS & CANOPIES FEDERAL HEALTH SIGN CO (INTERIOR AND EXTERIOR BUILDING LIGHTING) 12704 DUPONT CIRCLE TAMPA, FL 33626 FIONA PAUL 813-855-4415 fpaul@federalhealth.com	HERMITAGE LIGHTING SOLUTIONS, LLC (MASTER LIGHTING CONSOLIDATOR, SURVEYS AND PHOTOMETRICS) 8550 WINTON PLAZA BOULEVARD, SUITE 702 BATON ROUGE, LA 70809 JENNIFER WADDOCK 877-225-1336 jenw@hermitagelighting.com	TAYLOR ULTIMATE SERVICES, INC. (SHAKE MACHINE, FROZEN BEVERAGE MACHINE) 1780 NORTH COMMERCE PKWY WESTON, FL 32626 RJ PEDRA: 954-217-9100 rjpedra@taylor.com
MOSS RETAIL AND ENVIRONMENTS (GRAPHICS) 2463 WEST CHICAGO AVE CHICAGO, IL 60622 DI SCANDIFF: 773-455-4517 djsandiff@mossnc.com	COMMERCIAL CORE DIVISION (CANDOPIES AND SIGNS) JM CENTER ST. PAUL, MN 55144 JOE CIAMPI: 764-771-2449 OR 800-328-0033 jciampi@jmwmm.com	DIVISION 10 - SIGNS & CANOPIES FEDERAL HEALTH SIGN CO (INTERIOR AND EXTERIOR BUILDING LIGHTING) 12704 DUPONT CIRCLE TAMPA, FL 33626 FIONA PAUL 813-855-4415 fpaul@federalhealth.com	HERMITAGE LIGHTING SOLUTIONS, LLC (MASTER LIGHTING CONSOLIDATOR, SURVEYS AND PHOTOMETRICS) 8550 WINTON PLAZA BOULEVARD, SUITE 702 BATON ROUGE, LA 70809 JENNIFER WADDOCK 877-225-1336 jenw@hermitagelighting.com	VISA, INC. (GRAPHICS) 1606 MARY WILL DRIVE, SW NORTH CANTON, OH 44709 BOB LUCAS 480-368-9399 OR 602-740-9894 Bob.Lucas@LS-INDUSTRIES.COM
HILL PHOENIX POWER SYSTEMS DIVISION (FACTORY INTEGRATED SWITCH GEAR) 18045 ROLAND STREET CITY OF INDUSTRY, CA 91748 SUKE BROWN: 818-929-0129 paul.brown@hphoenix.com	COMMERCIAL CORE DIVISION (CANDOPIES AND SIGNS) JM CENTER ST. PAUL, MN 55144 JOE CIAMPI: 764-771-2449 OR 800-328-0033 jciampi@jmwmm.com	DIVISION 10 - SIGNS & CANOPIES FEDERAL HEALTH SIGN CO (INTERIOR AND EXTERIOR BUILDING LIGHTING) 12704 DUPONT CIRCLE TAMPA, FL 33626 FIONA PAUL 813-855-4415 fpaul@federalhealth.com	HERMITAGE LIGHTING SOLUTIONS, LLC (MASTER LIGHTING CONSOLIDATOR, SURVEYS AND PHOTOMETRICS) 8550 WINTON PLAZA BOULEVARD, SUITE 702 BATON ROUGE, LA 70809 JENNIFER WADDOCK 877-225-1336 jenw@hermitagelighting.com	SCOTSMAN ICE SYSTEMS (ICE MACHINES) 175 CORPORATE WOODS PARKWAY VERNON HILLS, IL 60069 PAUL BROWNE: 800-773-8762 x15550 kurt.mueller@scotsman-ice.com
PLAY SYSTEMS/SH (SUPERIOR PLAY SYSTEMS) 1595 COLUMBIA DR. CARROLLTON, GA 30737 SHAN MCQUIRE 678-390-1915 https://superiorplay.com/	COMMERCIAL CORE DIVISION (CANDOPIES AND SIGNS) JM CENTER ST. PAUL, MN 55144 JOE CIAMPI: 764-771-2449 OR 800-328-0033 jciampi@jmwmm.com	DIVISION 10 - SIGNS & CANOPIES FEDERAL HEALTH SIGN CO (INTERIOR AND EXTERIOR BUILDING LIGHTING) 12704 DUPONT CIRCLE TAMPA, FL 33626 FIONA PAUL 813-855-4415 fpaul@federalhealth.com	HERMITAGE LIGHTING SOLUTIONS, LLC (MASTER LIGHTING CONSOLIDATOR, SURVEYS AND PHOTOMETRICS) 8550 WINTON PLAZA BOULEVARD, SUITE 702 BATON ROUGE, LA 70809 JENNIFER WADDOCK 877-225-1336 jenw@hermitagelighting.com	SOFT PLAY, LLC (PLAYGROUND MANUFACTURER, SAFETY SURFACING, NON-CONTAINING PLAY EQUIPMENT) 13025 EAST REESE BLVD., SUITE 300 HUNTERVILLE, NC 28078 BROCK HODGE: 704-848-8430 brock.hodge@softplay.com
APA COLOR GRAPHICS (GRAPHICS) 2929 PACIFIC DRIVE MONROESVILLE, VA TONY TANTILLO 804-355-1355 tany@apacolorgraphics.com	COMMERCIAL CORE DIVISION (CANDOPIES AND SIGNS) JM CENTER ST. PAUL, MN 55144 JOE CIAMPI: 764-771-2449 OR 800-328-0033 jciampi@jmwmm.com	DIVISION 10 - SIGNS & CANOPIES FEDERAL HEALTH SIGN CO (INTERIOR AND EXTERIOR BUILDING LIGHTING) 12704 DUPONT CIRCLE TAMPA, FL 33626 FIONA PAUL 813-855-4415 fpaul@federalhealth.com	HERMITAGE LIGHTING SOLUTIONS, LLC (MASTER LIGHTING CONSOLIDATOR, SURVEYS AND PHOTOMETRICS) 8550 WINTON PLAZA BOULEVARD, SUITE 702 BATON ROUGE, LA 70809 JENNIFER WADDOCK 877-225-1336 jenw@hermitagelighting.com	H&K INTERNATIONAL (KITCHEN EQUIPMENT CONSOLIDATOR, SMALLWARES, HOODS) 2205 SKYLINE DR DALLAS, TX 75223 HEATHER VALVERDE: 214-818-3521 heather.valverde@hki.com



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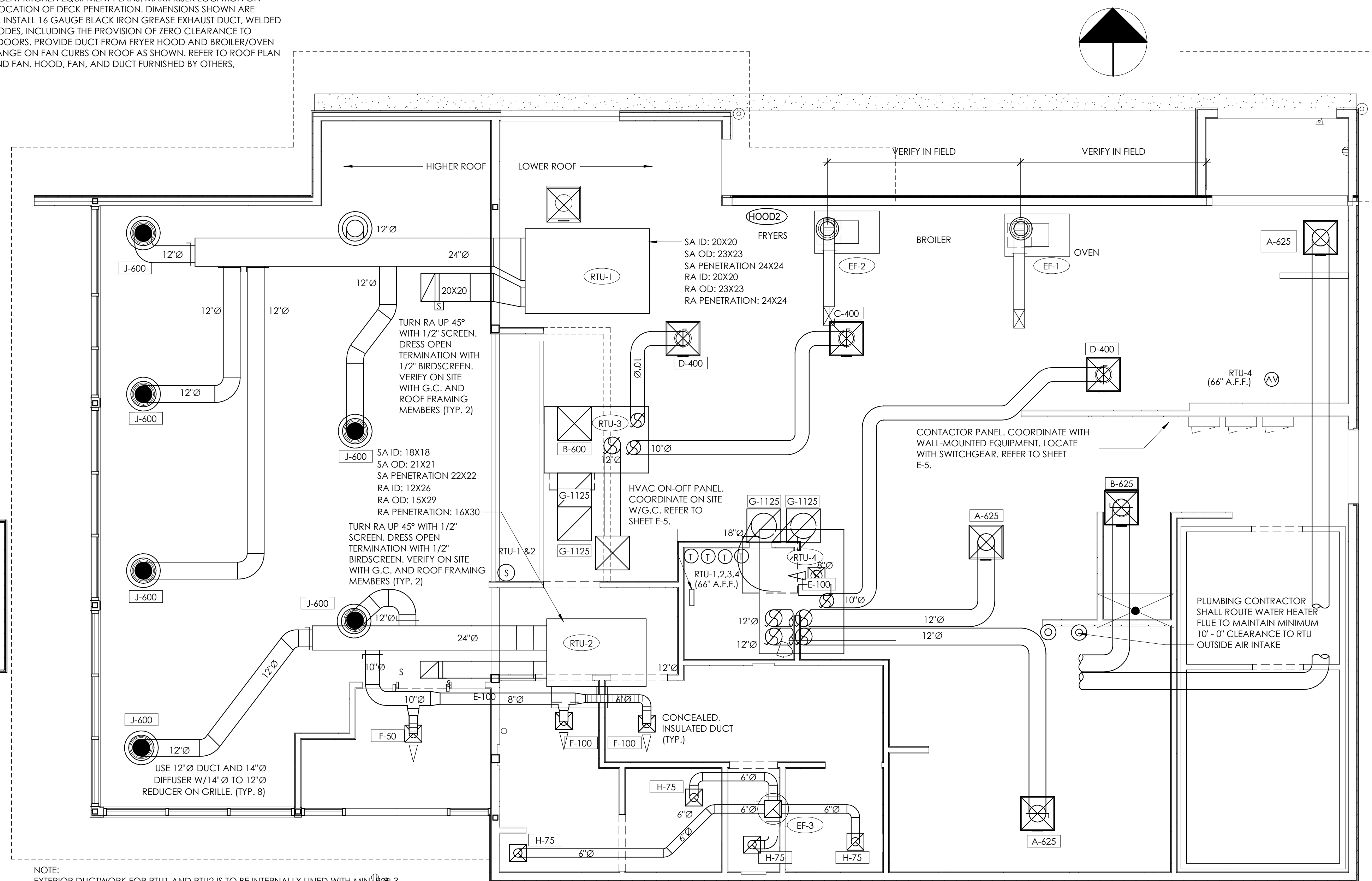
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VERIFY LOCATION ON SITE WITH MOST RECENT KITCHEN EQUIPMENT PLANS. MARK RISER LOCATION ON FLOOR AND PLUMB UP FOR ACCURATE LOCATION OF DECK PENETRATION. DIMENSIONS SHOWN ARE FROM STUDS. HVAC CONTRACTOR SHALL INSTALL 16 GAUGE BLACK IRON GREASE EXHAUST DUCT, WELDED LIQUID-TIGHT PER NFPA99 AND LOCAL CODES, INCLUDING THE PROVISION OF ZERO CLEARANCE TO COMBUSTIBLES FIRE WRAP AND ACCESS DOORS. PROVIDE DUCT FROM FRYER HOOD AND BROILER/OVEN HOOD FROM COLLAR ON HOODS TO FLANGE ON FAN CURBS ON ROOF AS SHOWN. REFER TO ROOF PLAN ON SHEET M-2 FOR POSITION OF CURBS AND FAN, HOOD, FAN, AND DUCT FURNISHED BY OTHERS. INSTALLED BY HVAC CONTRACTOR.



NOTE: EXTERIOR DUCTWORK FOR RTU1 AND RTU2 IS TO BE INTERNALLY LINED WITH MINIMUM 3 LBS PER CUBIC FOOT INSULATION PER SMACNA. ALL SEAMS ARE TO BE SEALED WEATHER TIGHT WITH PLASTIC GRADE ROOFING CEMENT OR OTHER APPROVED METHOD. ALL DIMENSIONS SHOWN ARE I.D. ADD THICKNESS OF LINER FOR O.D.

NOTE: ALL DUCTWORK IN DINING ROOM IS TO BE EXPOSED AND UNINSULATED. INSTALL ROUND DIFFUSERS FLUSH WITH BOTTOM OF TRUSSES. VERIFY ELEVATIONS ON SITE WITH G.C. AND ROOF FRAMING MEMBERS.

SHIM BETWEEN BOTTOM OF CURBS AND DECK TO MAKE CURB LEVEL OF ALL RTUs

1 HVAC PLAN

1/4" = 1'-0"

PLENUMIZED CURB INSTALLATION NOTES

PLAN AND SPECIFICATIONS AS PER P.E. SEAL

BURGER KING CORPORATION HAS A NATIONAL ACCOUNT AGREEMENT WITH THE NCA GROUP. NCA SHALL VISIT THE SITE, AS AUTHORIZED, TO VERIFY ALL MATERIALS, EQUIPMENT, AND INSTALLATION ARE PER THE PROFESSIONAL ENGINEER SEAL. PLANS ARE NCA DESIGN COPYRIGHT 2018.

FOR COMPLETE INFORMATION AND PRICING ON THE FOLLOWING PACKAGE OF EQUIPMENT AND ACCESSORIES CONTACT THE NCA GROUP MARKETING DEPARTMENT TOLL-FREE AT (877) 530-0078.

HEATING COOLING EQUIPMENT PACKAGE INCLUDES ALL ROOFTOP (OR SPLIT SYSTEM) AIR CONDITIONING EQUIPMENT WITH ALL ACCESSORIES AS SPECIFIED ON THESE PLANS.

FAN PACKAGE INCLUDES ALL FANS WITH ALL ACCESSORIES AS SPECIFIED ON THESE PLANS.

AIR DEVICE PACKAGE INCLUDES ALL GRILLES, REGISTERS AND DIFFUSERS PER PLANS. SQUARE TO ROUND TRANSITIONS PROVIDED WHERE REQUIRED.

CURB PACKAGE INCLUDES ONE-PIECE, FULLY WELDED NCA PLENUMIZED ROOF CURBS FOR ALL ROOF MOUNTED HEATING/COOLING EQUIPMENT, AND ALL FAN CURBS. ALTERNATIVES TO NCA PLENUMIZED CURBS MAY NOT BE USED.

EXHAUST HOOD PACKAGE INCLUDES EXHAUST FANS, HOODS, SHROUDS AND ANSUL SYSTEM, AS CODE REQUIRES.

CONTROLS PACKAGE INCLUDES PRESET DIGITAL THERMOSTATS, THERMOSTAT WIRE, LOCKING COVERS, AND AS CODE REQUIRES SMOKE DETECTORS AND AUDIBLE-VISUAL DEVICES; OCCUPIED/UNOCCUPIED PANEL, AND INTERLOCK PANEL, IF REQUIRED.

NOTE: "RE-ENGINEERING" DEVIATIONS FROM THE SHOWN DESIGN AND REQUIRED HVAC EQUIPMENT MUST BE APPROVED IN ADVANCE BY THE ARCHITECT AND PROFESSIONAL ENGINEER. UNAUTHORIZED SUBSTITUTIONS OR ALTERATIONS WILL VOID THE SIGNATURE AND SEAL OF THE PROFESSIONAL ENGINEER AND LEAVE VIOLATORS RESPONSIBLE FOR RESUBMISSION OF SIGNED AND SEALED DRAWINGS.

PACKAGE ROOFTOP UNIT SCHEDULE (RTU-1,2,3)

TAG	MANUFACTURER	MODEL	LOCATION	TYPE OF HEAT	TOTAL COOLING CAPACITY - MBTUHP	SENSIBLE COOLING CAPACITY - MBTUHP	ENTERING AIR CONDITIONS - DBT/WHPT	AMBIENT AIR DB TEMPERATURE - °F	SHRIMP AIR - CFM	OUTSIDE AIR - CFM	EXTERNAL STATIC PRESSURE - "WG	SHRIMP - MEDIUM STATIC MOTOR	F.P.R.	GAS INPUT MBTUHR	GAS OUTPUT MBTUHR	UNIT WEIGHT - LBS.	ELECTRICAL REQUIREMENT - VOLTAGE/PHASE	MINIMUM CIRCUIT AMPERAGE	MAXIMUM OVER CURRENT PROTECTION
RTU-1,2,3	CARRIER	48SCDR12LS10H	ROOF, 28' X 20'	NATURAL GAS	98.2	71.0	50/57	95	3000	1500	0.75	2.4	12.0	120/180	98/148	1100	208-230/3/Ø	30.8	50

ACCESORIES
 1. 1/2" ECONOMIZER WITH BACOMETRIC REUSE
 2. NCA PLENUMIZED CURB TO ORDER CALL TOLL-FREE (877) 530-0078
 3. ONE YEAR COMPLETE PARTS AND LABOR WARRANTY
 4. ADDITIONAL FOUR YEAR PARTS WARRANTY COVERING COMPRESSORS
 5. SMOKE DETECTOR (SEE HVAC ROOF PLAN, SHEET M-2)
 6. A GAS GUARD AG-SHIRT MOUNTED SMOKE SHOCK FOR PRIMARY FAN
 NOTE: COORDINATE RTU PLACEMENT ON SITE PRIOR TO SETTING EQUIPMENT. IF ADJUSTMENT IS NECESSARY MAINTAIN FRESH AIR INTAKE CLEARANCES

HVAC EQUIPMENT PACKAGE

PLAN AND SPECIFICATIONS AS PER P.E. SEAL

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FAN PACKAGE INCLUDES ALL FANS WITH ALL ACCESSORIES AS SPECIFIED ON THESE PLANS.

AIR DEVICE PACKAGE INCLUDES ALL GRILLES, REGISTERS AND DIFFUSERS PER PLANS. SQUARE TO ROUND TRANSITIONS PROVIDED WHERE REQUIRED.

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AIR DEVICE SCHEDULE

SYM.	SIZE	TYPE	DUCT SIZE	MODEL#	FINISH	BOOT SIZE	OPENING SIZE	QTY.
A*	24X24	SUPPLY 4 WAY	12"Ø	NCA12	WHITE	12"Ø	18x24	4
B*	24X24	SUPPLY 3 WAY	12"Ø	NCA12-3	WHITE	12"Ø	18x24	2
C*	24X24	SUPPLY 2 WAY (PARALLEL)	12"Ø	NCA12-2P	WHITE	12"Ø	18x24	1
D*	24X24	SUPPLY 3 WAY	10"Ø	NCA10-3C	WHITE	10"Ø	18x24	2
E*	24X24	SUPPLY 2 WAY (CORNER)	10"Ø	NCA10-3	WHITE	12"Ø	18x24	1
F*	12X12	SUPPLY 1 WAY W/O B.L.D.	Ø10	430	WHITE	12x12	SIZE = 1/4"	2
G	24X24	RETURN	18"Ø	1307B	WHITE	22x22	18x24	5
H	12X12	EXHAUST	Ø10	430	WHITE	12x12	SIZE = 1/4"	4
J*	24"Ø	SUPPLY ROUND	12"Ø	PARCDS-14	WHITE	12x12	SIZE = 1/4"	8

ALL DIFFUSERS SHALL BE MANUFACTURED BY METAL FAB OR EQUIVALENT AND 100% ALUMINUM CONSTRUCTION
 * PROVIDE WITH FAN BLINDING-BLADE ADAPTER
 ** PROVIDE WITH EIGHT (8) 1/2" Ø REDUCERS FOR INSULATION ON TOP OF DIFFUSERS
 *** PROVIDE WITH EIGHT (8) 1/2" Ø REDUCERS FOR INSULATION ON TOP OF DIFFUSERS
 NOTE: LOCATION AND ORIENTATION OF ORIFICIAL BLOW PATTERNS DIFFUSERS IN THE KITCHEN IS CRITICAL. INSTALLER WILL VERIFY PROPER INSTALLATION OF DIFFUSERS. CONSULT THE NCA CONSULTANTS PROJECT COORDINATOR IMMEDIATELY WITH ANY QUESTIONS THAT PREVENT INSTALLATION PER THE PROPOSED DESIGN.

FAN SCHEDULE

TAG	LOCATION	AREA SERVED	CFM	STATIC PRESSURE - "WG	FAN HORSEPOWER	FAN RPM	DRIVE	ELECTRICAL REQUIREMENT, V/Ø/PH	ROOF OPENING, INCHES	WINDROCK	BACKDRAFT DAMPER	BIRDSCREEN	GREASE TROUGH	INTERLOCK
EF-1	COOK	100 CFS-BK	1100*	1.85*	1.0	1937	ØB1	208-230/1/Ø	22X22	YES	NO	NO	YES	NO
EF-2	COOK	100 CFS-BK	800*	2.2*	1.0	2025	ØB1	208-230/1/Ø	22X22	YES	NO	NO	YES	NO
EF-3	COOK	100 CFS-BK	1000/100H	0.25	1.25	911	ØB1C	120/1/Ø	13.5X13.5	NO	NO	YES	NO	NO

* SEE AIR BALANCE SCHEDULE
 NOTE: VERIFY ALL INFORMATION WITH MANUFACTURER PRIOR TO ORDERING AND INSTALLATION

AIR BALANCE SCHEDULE

TAG	SUPPLY AIR	OUTSIDE AIR	RETURN AIR	EXHAUST AIR	BLDG. PRESSURE	% OUTSIDE AIR
RTU-1	3000 CFM	750 CFM	2250 CFM	—	+ 750 CFM	25
RTU-2	3000 CFM	750 CFM	2250 CFM	—	+ 750 CFM	25
RTU-3	3000 CFM	750 CFM	2250 CFM	—	+ 750 CFM	25
EF-1	—	—	—	1100 CFM*	-1100 CFM	—
EF-2	—	—	—	800 CFM*	-800 CFM	—
EF-3	—	—	—	225 CFM	-225 CFM	—
TOTAL	9000 CFM	2250 CFM	6750 CFM	2125 CFM	+ 125 CFM	25

*NOTE: UPON START-UP VERIFY THAT THE EXHAUST FAN CURRENT SENSOR IS SET TO THE MOTOR AMPERAGE. IF IT IS NECESSARY TO ADJUST THE AMPERAGE OF THE EXHAUST HOOD FAN MOTOR, THE FAN MOTOR CURRENT SENSOR MUST BE RESET BY THE ELECTRICAL CONTRACTOR AS FOLLOWS:
 1. ADJUST EXHAUST HOOD POTENTIOMETER TO MINIMUM (CLOCKWISE) TO MINIMIZE CURRENT. ONCE CURRENT IS STABILIZED, INCREASE UNDERCURRENT POT UNTIL RED LED LIGHTS, WITHIN SEVEN SECONDS TURN DOWN UNTIL RED LIGHT TURNS OFF. IF A LIGHT REMAINS ON FOR MORE THAN TEN SECONDS, DISCONNECT SUPPLY VOLTAGE TO RESET. SEE MANUFACTURER'S OPERATIONAL INSTALLATION INSTRUCTIONS THAT SHIP WITH THE FAN. WITH LIMITED BUILDING PRESSURE, THE ±10% TOLERANCE IS NOT ACCEPTABLE SET CFM AS SPECIFIED. ENSURE THAT EXHAUST FAN PULLEY IS ADJUSTED FOR PROPER ALIGNMENT.

ATTENTION GENERAL CONTRACTOR

RE-ENGINEERING DEVIATIONS FROM THE SHOWN DESIGN AND REQUIRED HVAC EQUIPMENT MUST BE APPROVED IN ADVANCE BY THE ARCHITECT AND PROFESSIONAL ENGINEER. UNAUTHORIZED SUBSTITUTIONS OR ALTERATIONS WILL VOID THE SIGNATURE AND SEAL OF THE PROFESSIONAL ENGINEER AND LEAVE VIOLATORS RESPONSIBLE FOR RESUBMISSION OF SIGNED AND SEALED DRAWINGS.

CONTRACTOR NOTES

- HVAC CONTRACTOR
- THE HVAC CONTRACTOR SHALL FURNISH AND INSTALL THE HVAC SYSTEM AS SHOWN IN THE NCA HVAC EQUIPMENT PACKAGE NOTE, THIS SHEET. ALL FANS SHALL BE U.L. LISTED.
 - THE HVAC CONTRACTOR SHALL INSTALL THE EXHAUST HOOD. REFER TO MOST RECENT KITCHEN PLANS ON SITE. HOOD EXHAUST DUCT IS FACTORY-MANUFACTURED, NON-WELD, DOUBLE-WALLED DUCT WITH ZERO-CLEARANCE TO COMBUSTIBLES RATING, MANUFACTURED BY METAL-FAB. INSTALL ALL HOOD EXHAUST DUCT PER MANUFACTURERS PUBLISHED REQUIREMENTS THAT SHIP WITH THE DUCTWORK. VERIFY LOCATION ON SITE WITH MOST RECENT KITCHEN EQUIPMENT PLAN.
 - ALL AIR CONDITIONING UNIT CURBS SHALL BE SUPPLIED BY NCA CONSULTANTS.
 - ALL AIR CONDITIONING UNIT CURBS SHALL BE FABRICATED BY NCA CONSULTANTS FROM 18 GA. GALVANIZED METAL WITH WELDED SEAMS, WATER TIGHT AND INTERNALLY INSULATED.
 - SHIMS SHALL BE PROVIDED BY HVAC CONTRACTOR BETWEEN THE ROOF DECK AND THE CURB AS NEEDED TO COMPENSATE FOR ROOF PITCH.
 - ALL FLEX DUCT SHALL BE FOIL-BACKED, R-6, U.L. LISTED, CLASSIFIED AS A CLASS 1 AIR DUCT, AND MEET LOCAL CODE REQUIREMENTS.
 - EXCLUDING ANY EXPOSED DUCTWORK, ALL NON-FLEXIBLE DUCT AND ALL AIR DISTRIBUTION DEVICES SHALL BE INSULATED WITH R-6, 2" X .75 DENSITY FOIL-BACKED INSULATION, WITH FIRE AND SMOKE RATING (25J-[50]).
 - ALL DUCTWORK SHALL BE INDEPENDENTLY HUNG FROM STRUCTURAL MEMBERS.
 - ALL DUCTWORK SHALL BE FABRICATED AND INSTALLED PER SMACNA LOW-VOLUITY DUCT MANUAL (LATEST ISSUE).
 - UNLESS OTHERWISE NOTED, EVERY SUPPLY TAP COLLAR SHALL HAVE A LOCKING MANUAL VOLUME DAMPER.
 - THE HVAC CONTRACTOR SHALL COORDINATE DIFFUSER LOCATIONS ON SITE WITH THE MOST RECENT REFLECTED CEILING PLAN.
 - THE HVAC CONTRACTOR SHALL FURNISH A WRITTEN GUARANTEE COVERING A ONE-YEAR PERIOD FOR ALL EQUIPMENT AND AN ADDITIONAL FOUR-YEAR PERIOD FOR THE COMPRESSORS IN THE AIR CONDITIONING UNITS.
 - UPON COMPLETION OF PROJECT THE HVAC CONTRACTOR SHALL HIRE AN A.A.B.C. OR N.E.B. CERTIFIED, INDEPENDENT TEST AND BALANCE COMPANY TO CONDUCT A COMPLETE, CERTIFIED TEST AND BALANCE OF ALL HVAC EQUIPMENT, PROVIDE A WRITTEN REPORT TO NCA CONSULTANTS. ALL CAPACITIES MUST BE SET TO AMOUNTS INDICATED ON THE FLOOR PLANS AND SCHEDULES.
 - THE HVAC CONTRACTOR SHALL VERIFY LOCATIONS OF THE EXHAUST HOOD AND EF-1 FROM MOST RECENT KITCHEN EQUIPMENT PLANS ON SITE. THIS IS TO ENSURE NO OFFSETS IN EXHAUST DUCTWORK.
 - HVAC CONTRACTOR IS TO MAKE ALL LOW-VOLTAGE WIRING FINAL CONNECTIONS FOR ALL HVAC EQUIPMENT INCLUDING SENSORS, THERMOSTATS, AUDIO-VISUAL ANNUNCIATORS, ROOF-TOP UNITS, SMOKE DETECTORS, CONTRACTOR PANEL, AND CONTROL PANEL.

- GENERAL CONTRACTOR
- IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO RECEIVE, OFFLOAD, AND STORE ALL HVAC MATERIALS WHICH ARRIVE AT THE JOB SITE. JOINT EFFORT BETWEEN G.C. AND M.C. SHALL BE UNDERTAKEN TO POSITION HOODS IN THE KITCHEN, FOR INSTALLATION.
 - IT IS VERY IMPORTANT THAT ACCURATE MEASUREMENTS ARE USED WHEN LOCATING EXHAUST FAN ROOF OPENING TO ENSURE THAT NO OFFSETS ARE REQUIRED IN THE EXHAUST DUCTWORK FROM THE KITCHEN HOOD. COORDINATE ROOF OPENINGS WITH THE KITCHEN EQUIPMENT PLAN AND EXHAUST HOOD PLANS. OBTAIN THE CORRECT PLANS FROM THE KITCHEN EQUIPMENT SUPPLIER.
 - RTU ROOF OPENING SIZES AND ROOF CURBS ARE BASED ON EQUIPMENT SHOWN. IF OTHER EQUIPMENT IS USED, VERIFY ROOF OPENING REQUIREMENTS, MAKE PENETRATION AS NEEDED FOR INSTALLATION OF NEW CURB AND RTU. COORDINATE ON SITE WITH HVAC CONTRACTOR. ENSURE THAT ROOFING MATERIAL DOES NOT COVER THE TOP OF ANY HVAC EQUIPMENT CURB.
 - ANY FRAMING REQUIRED FOR HVAC WORK SHALL BE BY THE GENERAL CONTRACTOR.
 - GENERAL CONTRACTOR IS TO PROVIDE ANY SCREENING, GUARD RAILS, ETC. FOR ROOF-MOUNTED HVAC EQUIPMENT PER IBC AND LOCAL CODES.
 - ANY EXPOSED HVAC WORK IN THE DINING ROOM IS TO BE PREPARED, PRIMED, AND PAINTED BY THE GENERAL CONTRACTOR.
 - NOTE: EXCLUDING THE DUCT THAT SHIPS WITH THE HOODS, THE EXHAUST RISERS CANNOT HAVE ADDITIONAL "FIELD" OFFSETS. TRUSSES CLOSEST TO THE EXHAUST RISERS MUST BE SPACED SO THAT NO ADDITIONAL OFFSETS ARE NEEDED. FIELD VERIFY AND COORDINATE WITH GENERAL CONTRACTOR.

- ELECTRICAL CONTRACTOR
- THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL PITCH POCKETS FOR POWER AND CONTROL WIRING TO MAINTAIN 12" MINIMUM CLEARANCE FROM BACK PANEL OF AIR CONDITIONING UNITS AND EXHAUST FANS. ELECTRICAL CONTRACTOR SHALL NOT PENETRATE BOTTOM OF RTU CURB AND EXHAUST FANS.
 - THE ELECTRICAL CONTRACTOR SHALL INSTALL THE CONTRACTOR PANEL, ON-OFF PANEL, AND LOW-VOLTAGE CONTROL WIRING FOR ALL AIR CONDITIONING UNITS AND CONTROLS. COORDINATE AIR CONDITIONING AND ELECTRICAL PLANS. REFER TO SHEET E-5 FOR PANEL INFORMATION. FOR PROJECTS WITHOUT A PANEL THE ELECTRICAL CONTRACTOR WILL INTERLOCK THE COOKING APPLIANCE AND HVAC EQUIPMENT PER NFPA99.
 - THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL DISCONNECTS FOR ALL HVAC EQUIPMENT.
 - THE ELECTRICAL CONTRACTOR SHALL USE A MINIMUM OF 4-6" SEALTITE FLEXIBLE CONDUIT WHEN WIRING KITCHEN HOOD EXHAUST FANS ON ROOF SO THAT FANS MAY BE REMOVED FROM CURBS AND PLACED ON ROOF FOR CLEANING EXHAUST DUCTWORK.
 - THE ELECTRICAL CONTRACTOR SHALL PROVIDE ANY ADDITIONAL INTERLOCK REQUIRED BY LOCAL CODE BETWEEN THE HVAC EQUIPMENT, SMOKE DETECTORS, EXHAUST FANS, AND COOKING APPLIANCES.
 - ELECTRICAL CONTRACTOR SHALL RUN LINE VOLTAGE FROM THE CURRENT SENSOR LOCATED IN THE GREASE EXHAUST FAN TO THE CONTRACTOR PANEL LOCATED BY THE SWITCHGEAR.
 - FOR EACH UNIT, THE ELECTRICAL CONTRACTOR SHALL PROVIDE ONE SINGLE-GANG RECEPTACLE TEST STATION FOR THE REMOTE SENSOR, AND ONE DOUBLE-GANG RECEPTACLE TEST STATION FOR THE ANNUNCIATOR, WITH GREEN AND RED ULT INDICATORS. THE FIRE AND MECHANICAL INSPECTORS WILL DETERMINE SUITABLE LOCATION FOR TEST STATIONS. ANNUNCIATORS AND TEST STATION WILL BE LOCATED IN THE CIRCULARITY OF THE SMOKE DETECTION DEVICES. WIRING WILL BE INSTALLED BY ELECTRICAL CONTRACTOR. PROVIDE ADDITIONAL RECEPTACLES IN MANAGERS OFFICE FOR THERMOSTATS.
- PLUMBING CONTRACTOR
- THE PLUMBING CONTRACTOR IS TO PROVIDE AND INSTALL PITCH POCKETS FOR CONDENSATE DRAINS/GAS PIPING FOR ALL A/C UNITS AND EXHAUST FANS. PLUMBING CONTRACTOR SHALL NOT PENETRATE BOTTOM OF RTU CURB.
 - THE PLUMBING CONTRACTOR TO COORDINATE PLUMBING VENT STACKS WITH OUTSIDE AIR INTAKES OF A/C UNITS. MAINTAIN 10'-0" MINIMUM CLEARANCE OR PER LOCAL CODE.
 - THE PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL FLUE GAS EXHAUST VENT FOR WATER HEATER. MAINTAIN 10'-0" MINIMUM HORIZONTAL OR 3' VERTICAL CLEARANCE TO AIR INTAKES.

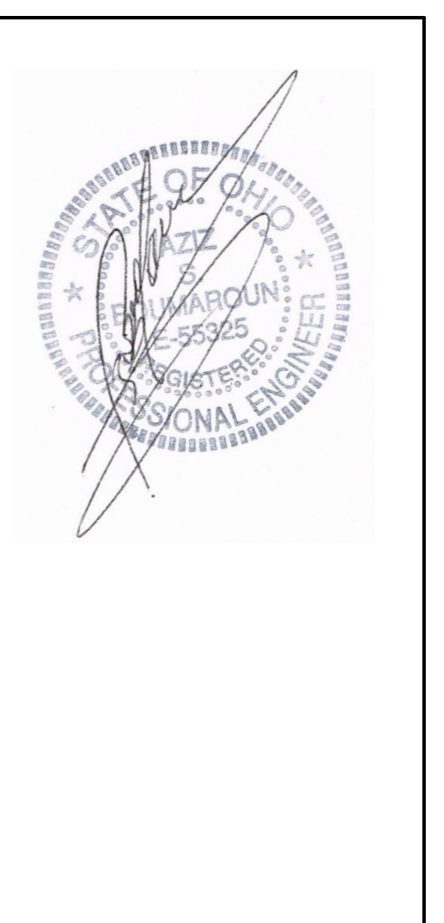
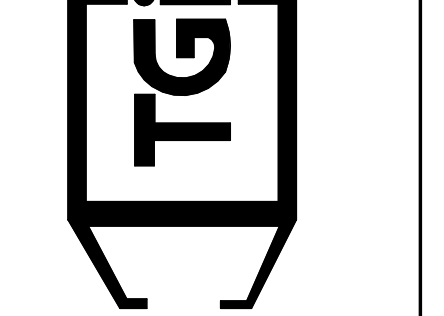
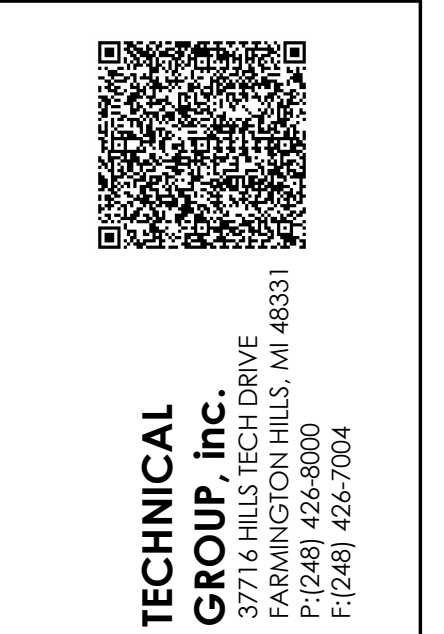
UPON COMMENCEMENT OF ROUGH-IN AS SCHEDULED BY NCA CONSULTANTS, THE AIR CONDITIONING CONTRACTOR IS TO REMAIN ON THE JOB SITE FULL TIME UNTIL THE ROUGH-IN IS 100% COMPLETE. THE GENERAL CONTRACTOR'S SITE SUPERINTENDENT WILL VERIFY.

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

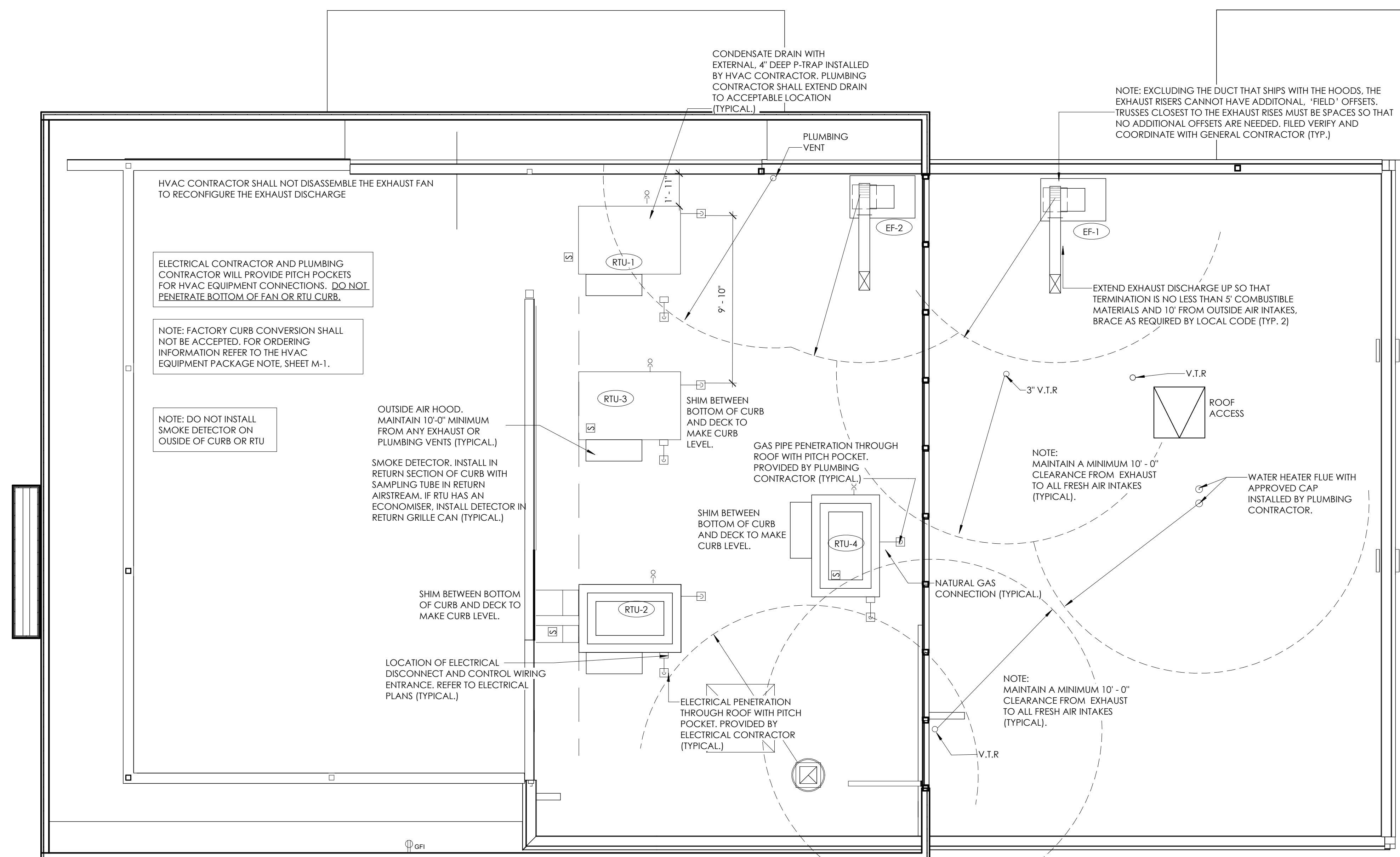
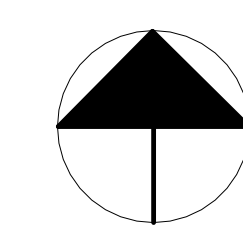
NO.	DATE	BY	REVISION
1	11.20.21	BT	FOR PERMITS
2	11.30.21	BT	FOR PLANNING PERIOD
3			
4			
5			
6			
7			

DRAWN BY: RT
 CHECKED: DB
 SCALE: AS NOTED
 DATE: 09.22.21

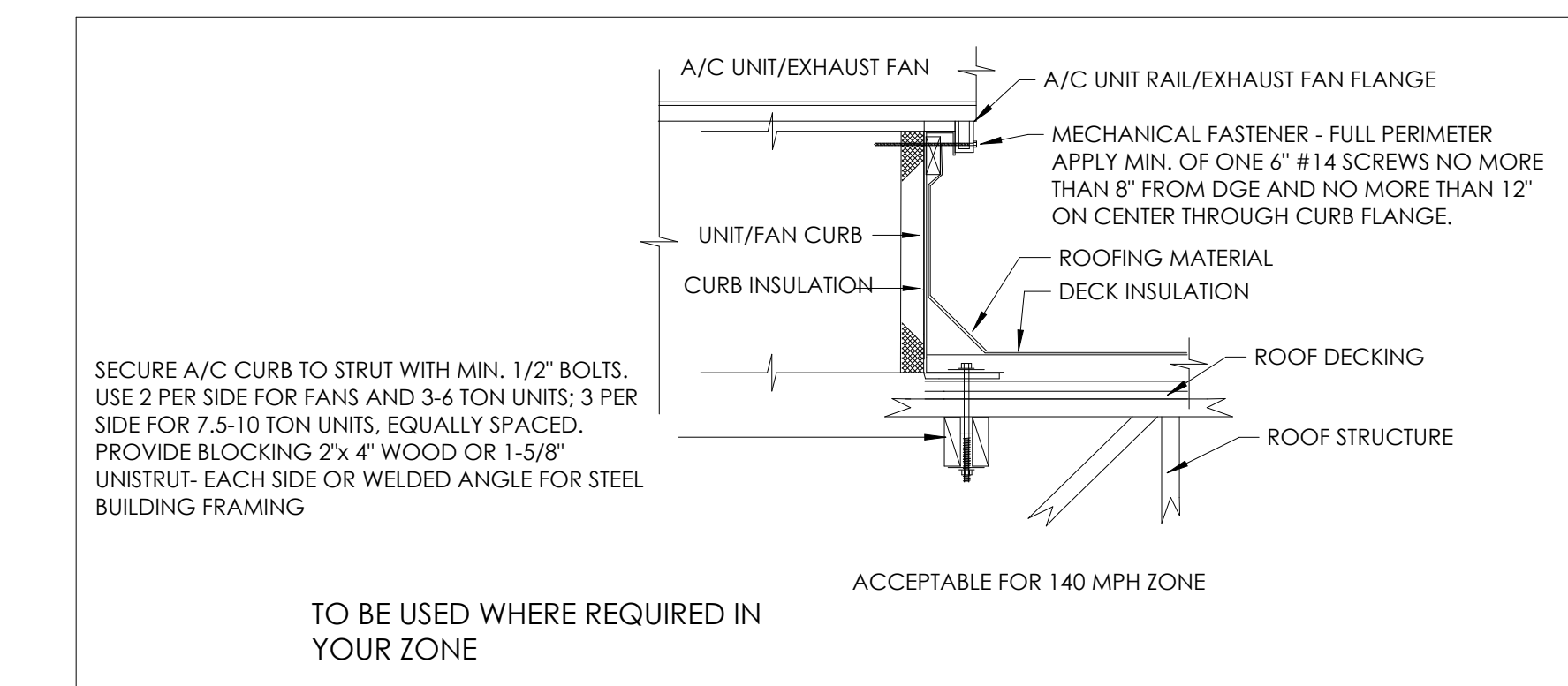
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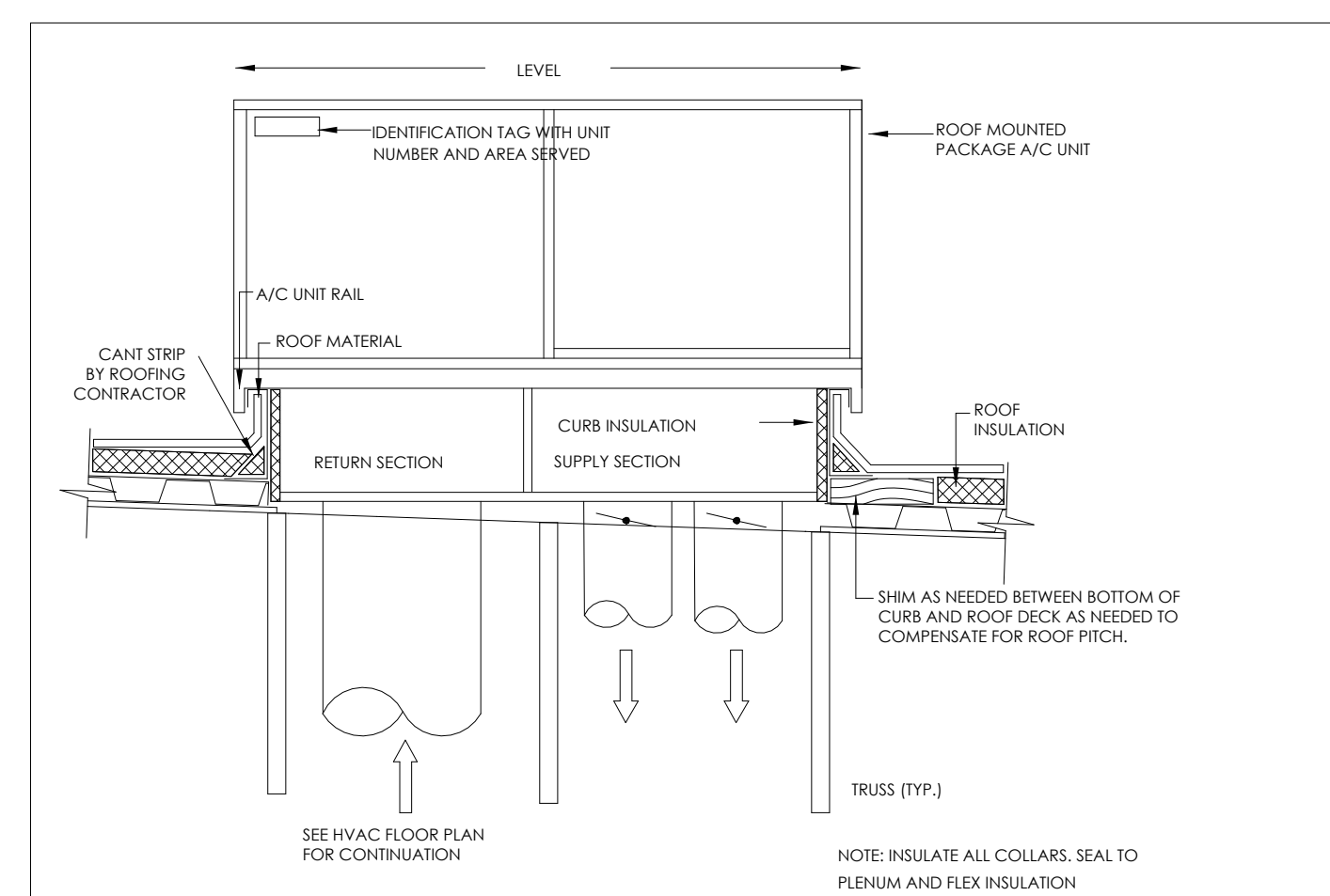
PROJECT	3330 INDIANOLA AVE. COLUMBUS, OH 43214
SHEET TITLE	HVAC PLAN & SCHEDULES
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.	
JOB#	TC-21666
SHEET	M-1



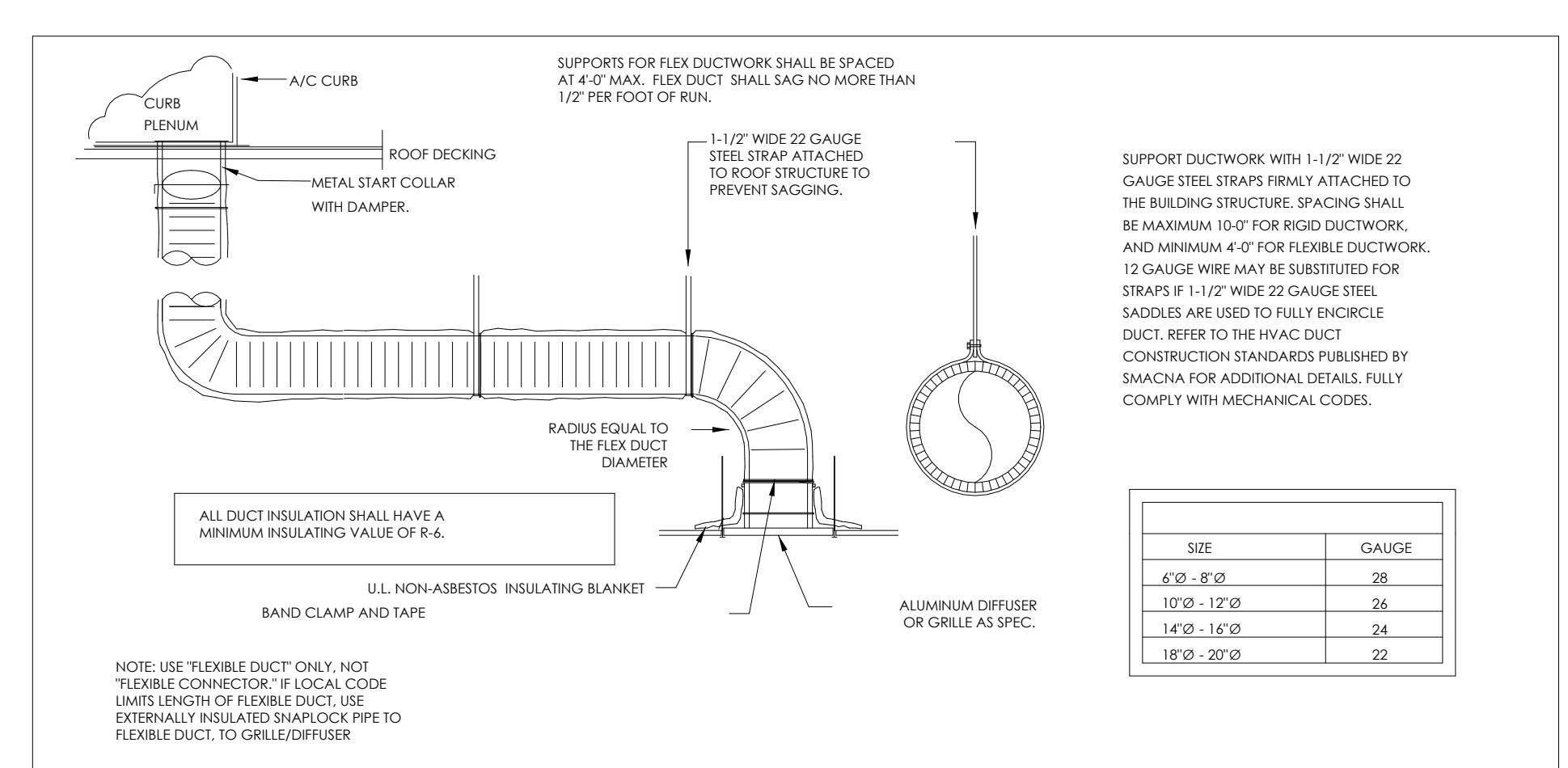
1 ROOF HVAC
1/4" = 1'-0"



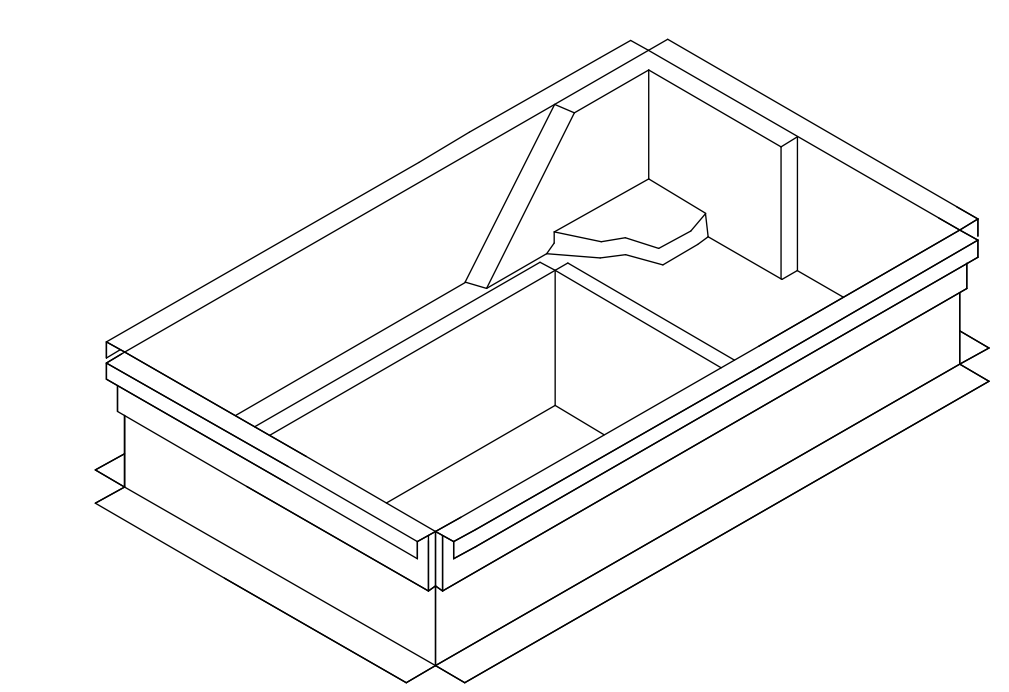
4 ROOF EQUIP CURB MOUNTING DETAIL
1/4" = 1'-0"



2 DUCT RISER/ LEVELING DETAIL
1/4" = 1'-0"



3 FLEXDUCT CONNECTION/ INSTALL DETAILS
1/4" = 1'-0"



5 PLEUMIZED AC CURB DETAIL
1/4" = 1'-0"

NO.	DATE	BY	REVISION
1	10.02.21	RT	FOR SUBMITTAL TO CITY
2	11.30.21	RT	FOR PLANNING REVIEW

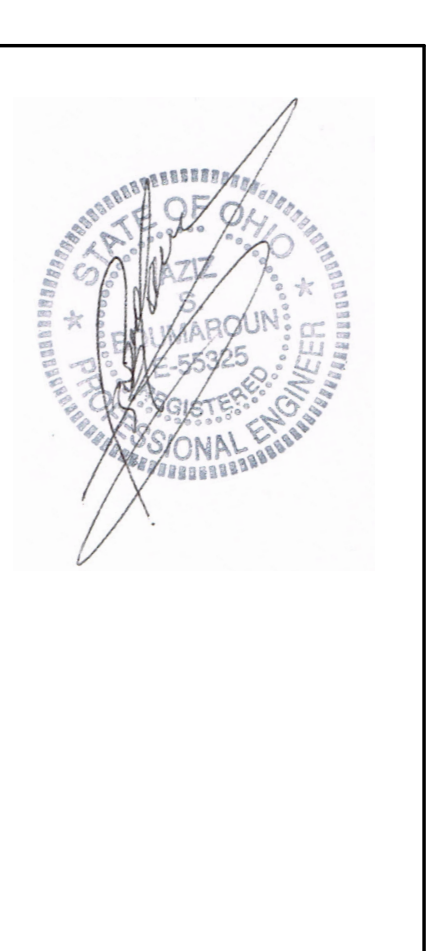
DATE: 09.22.21

DRAWN BY: RT
CHECKED BY: DB
SCALE: AS NOTED

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TECHNICAL GROUP, Inc.
10000 W. WASHINGTON HILLS, MI 48333
P: (248) 425-8000
F: (248) 425-7004

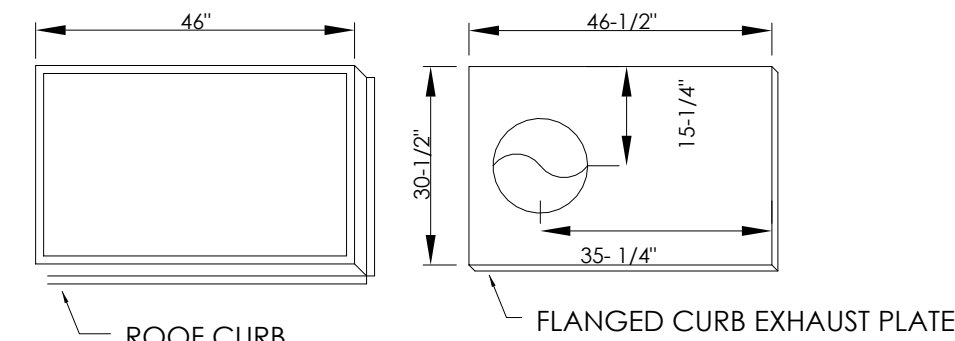


PROJECT	3330 INDIANOLA AVE. COLUMBUS, OH 43214
SHEET TITLE	ROOF HVAC PLAN & DETAILS
JOB#	TG-21666
SHEET	M-2

DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

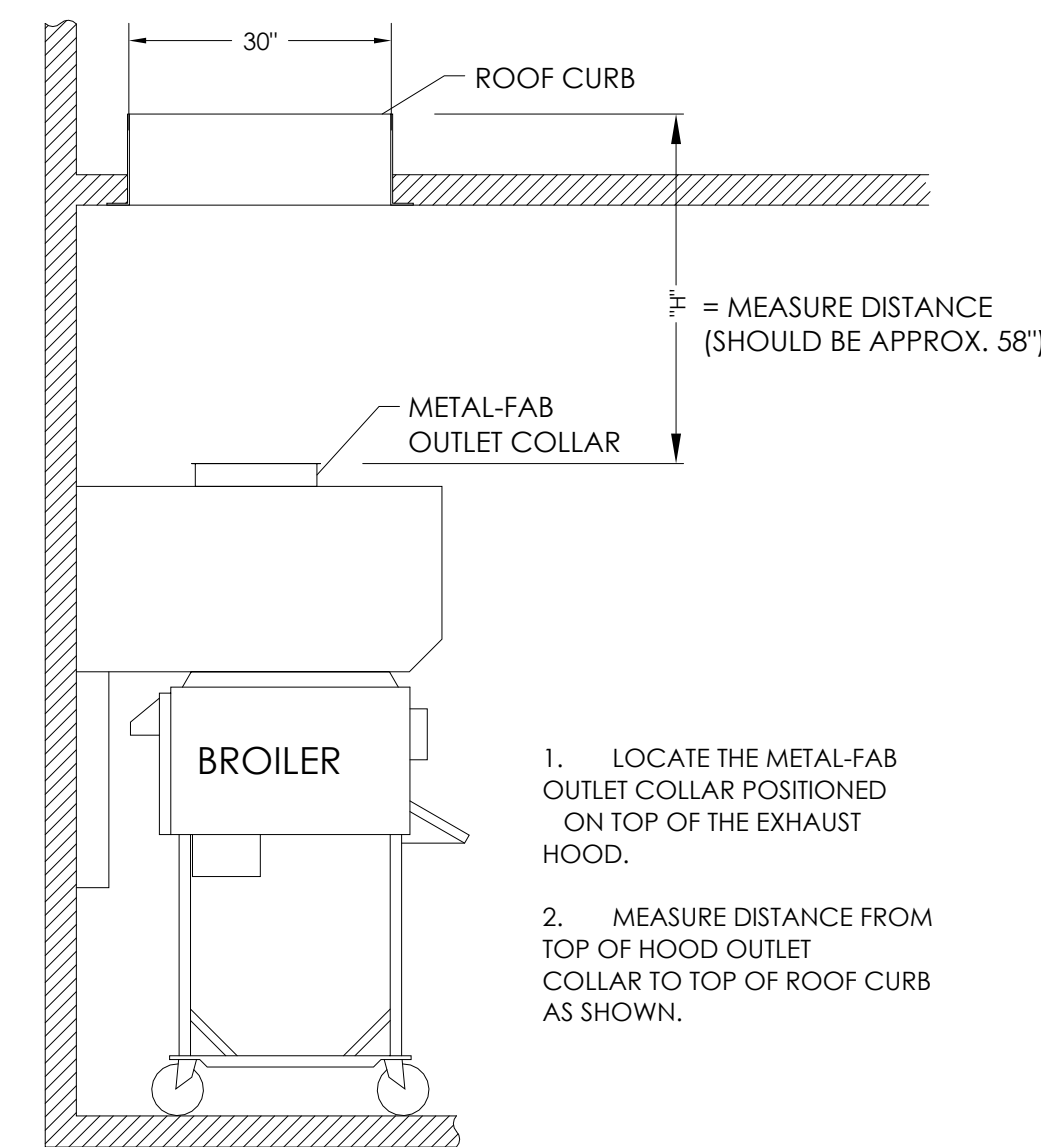
- COORDINATE WITH THE LATEST KITCHEN EQUIPMENT PLANS PRIOR TO INSTALLATION OF CURB. VERIFY WITH GENERAL CONTRACTOR.
- MARK AND PLUMB THE LOCATION OF THE ROUND OPENING FROM FLOOR TO DECK.
- PLACE CURB OVER OPENING BY USING DIMENSION GIVEN BELOW.
- WHEN GREASE FLANGE ARRIVES PLACE ON CURB WITH ROUND OVER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

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

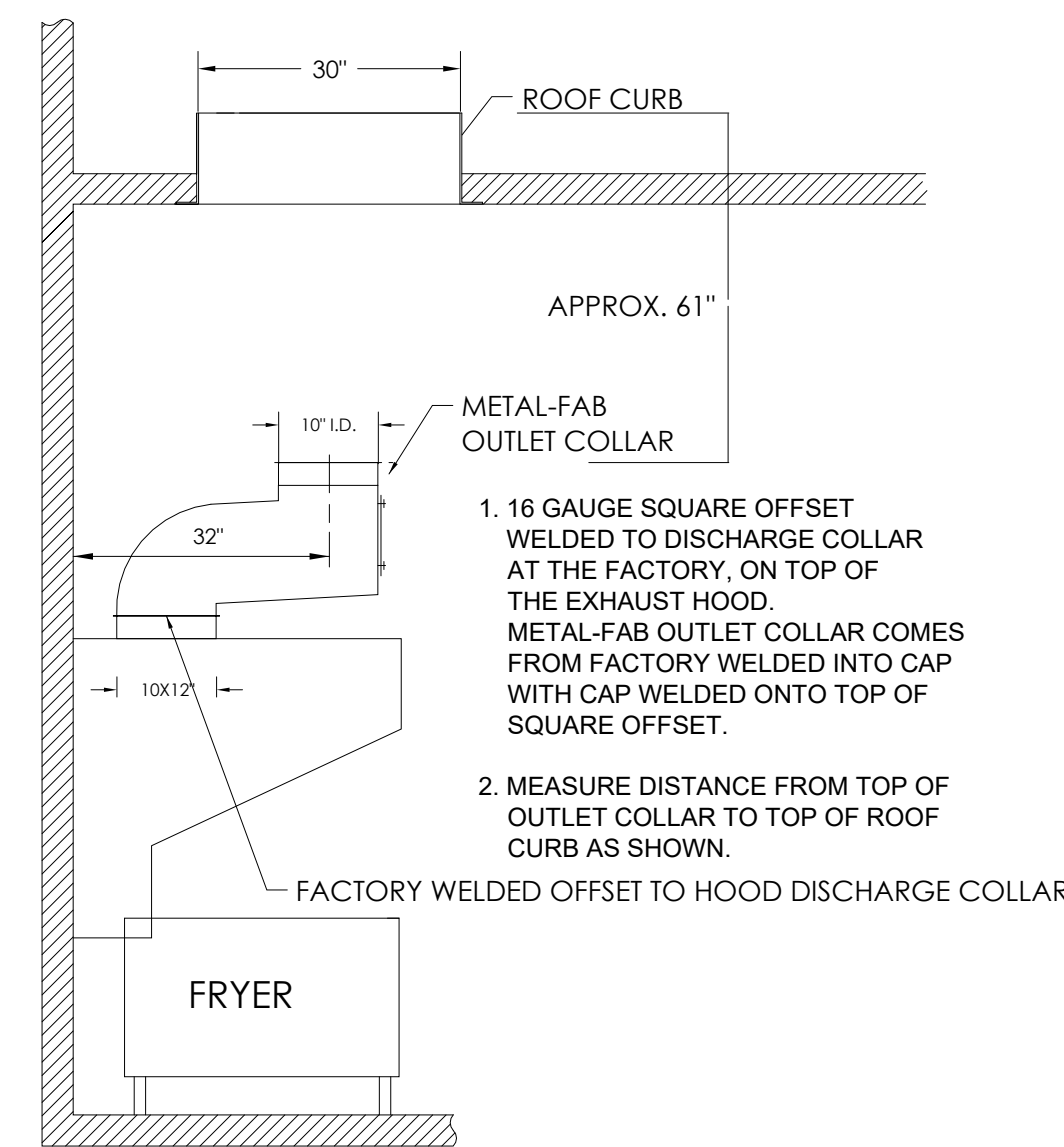


PLAN VIEW OF ROOF CURBS

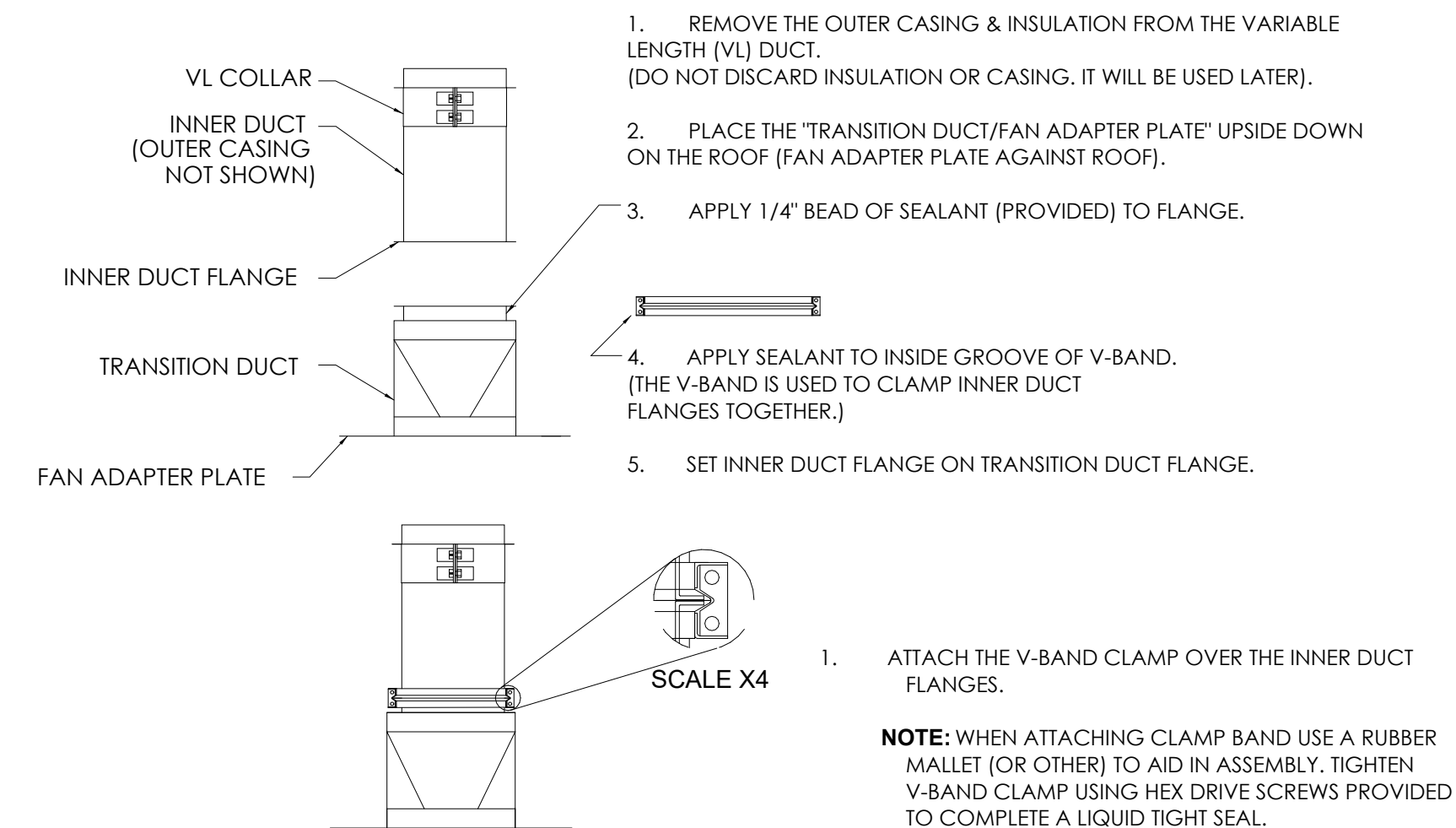
STEP-2 BROILER HOOD



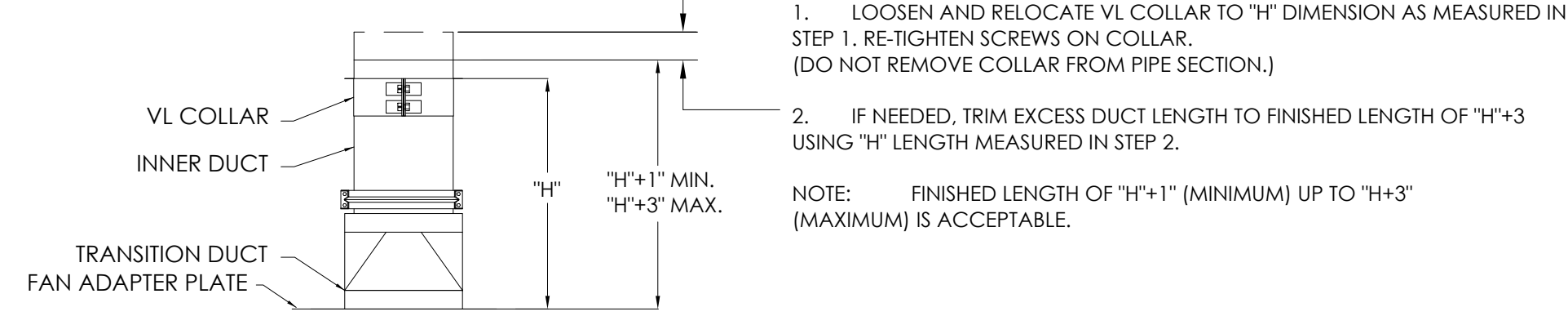
STEP-2 (FRYER HOOD)



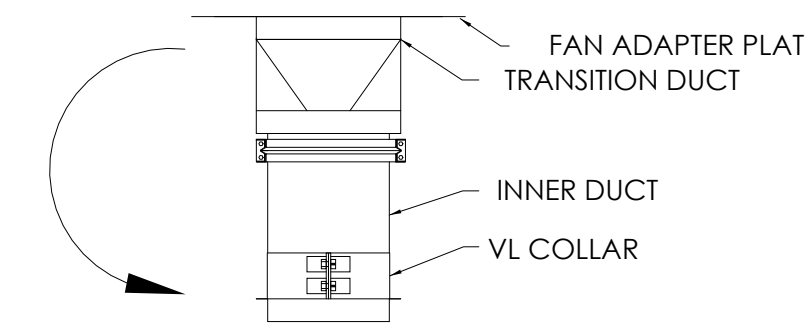
STEP-3



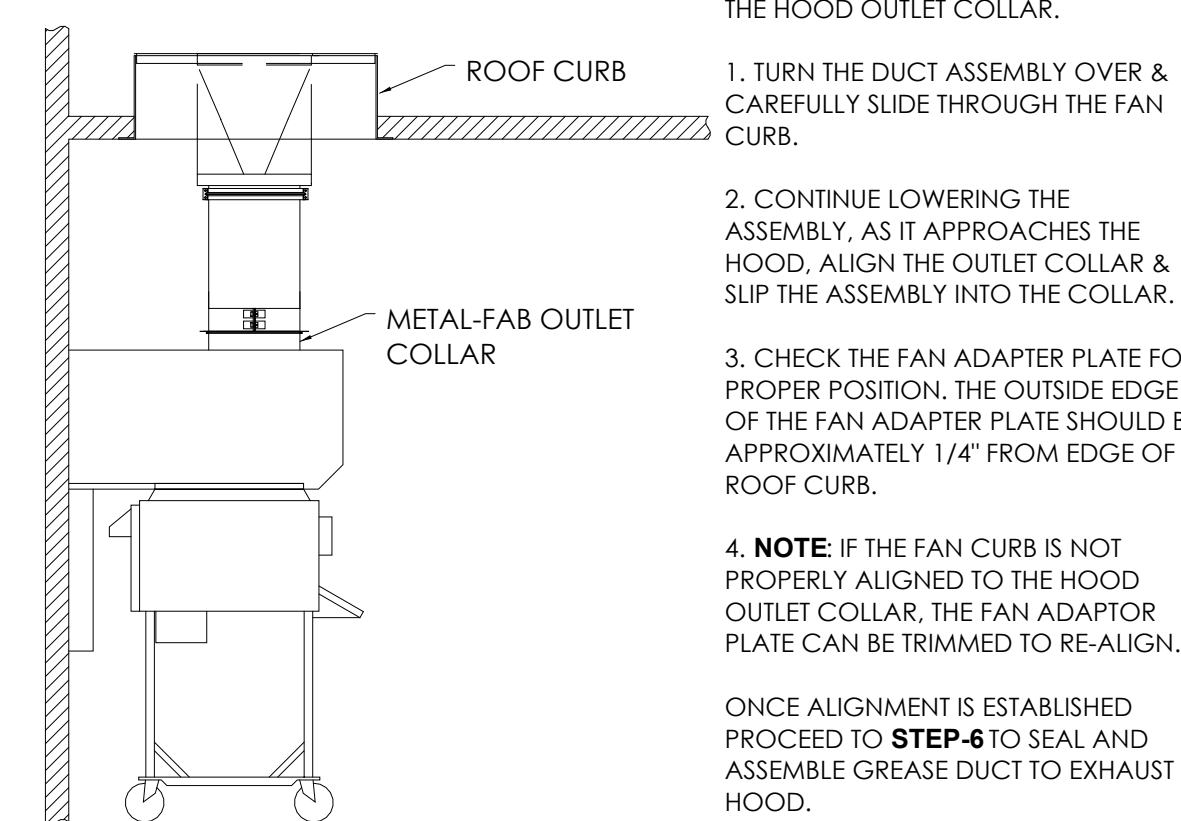
STEP-4



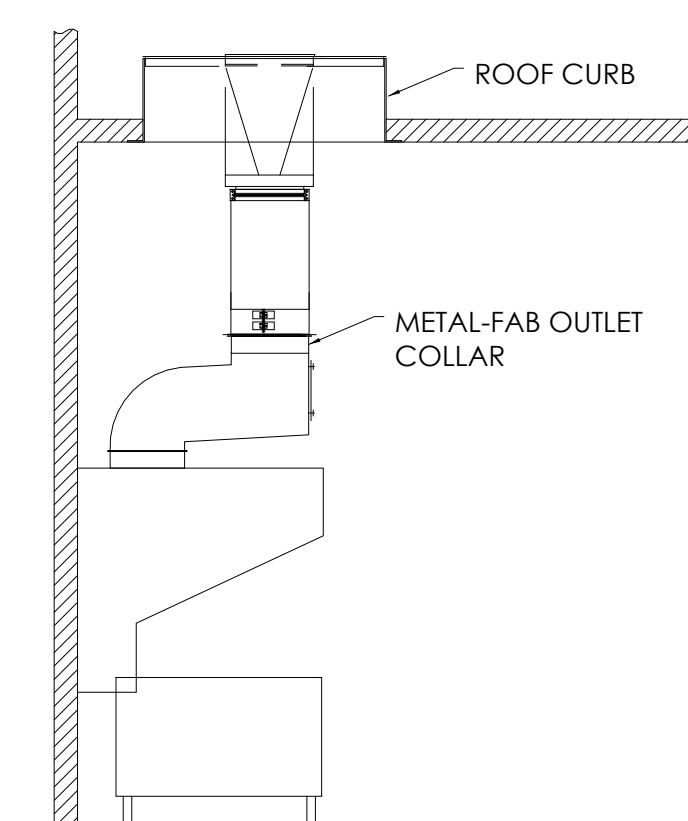
STEP-4b Rotate duct 180°



STEP-5 (BROILER)

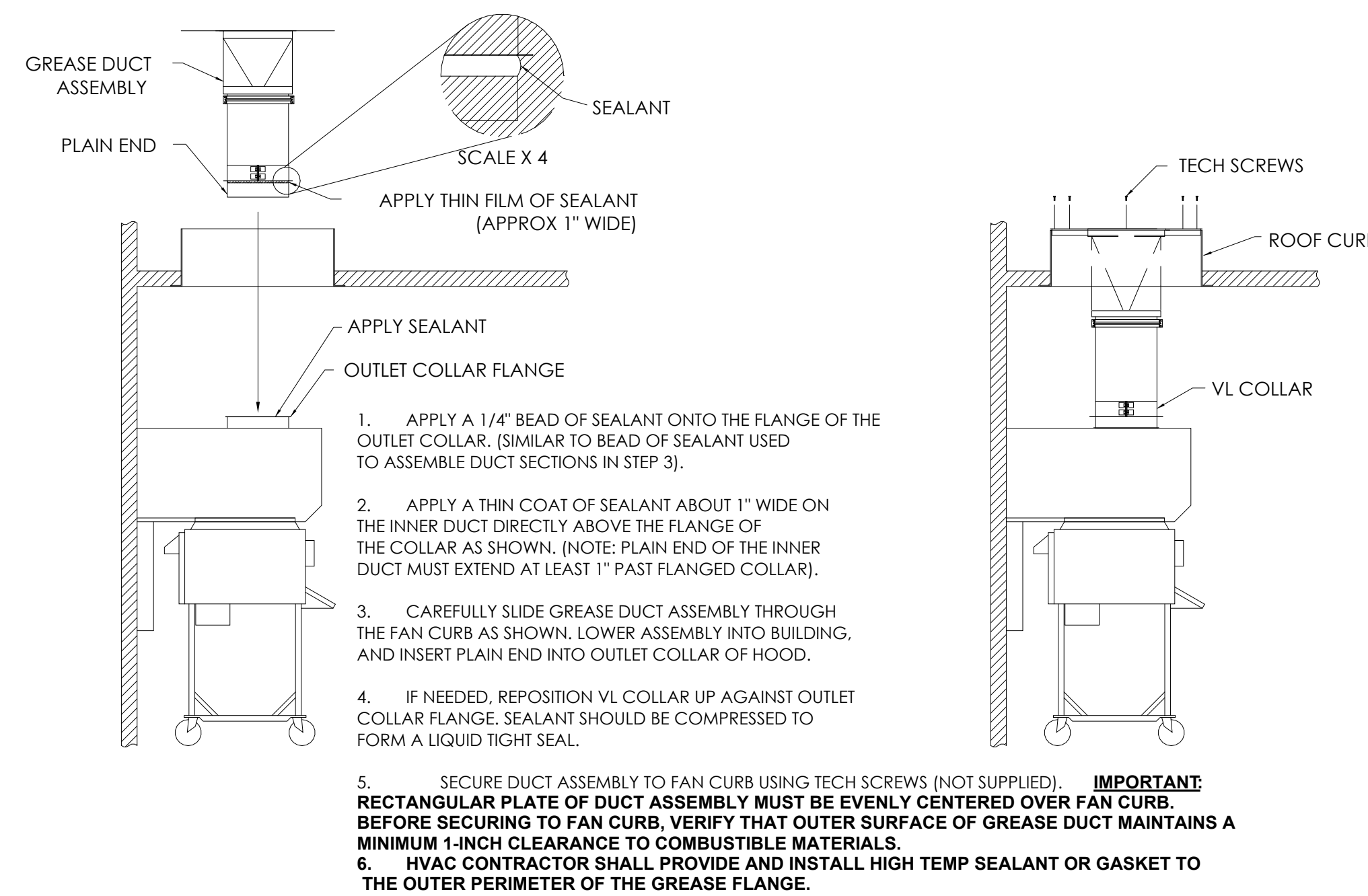


STEP-5 (FRYER)



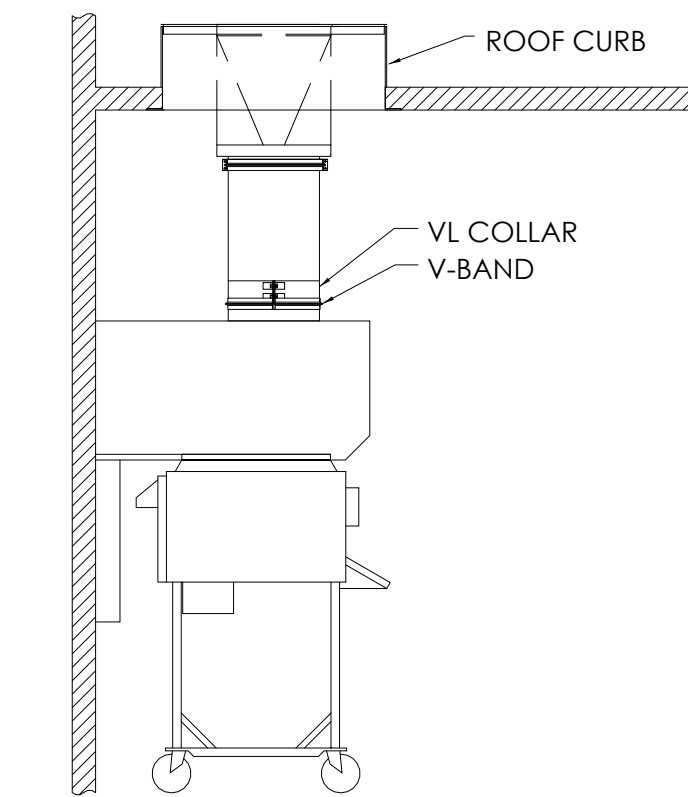
NOTE: ALL REMAINING INSTRUCTIONS PERTAIN TO BOTH BROILER EXHAUST HOOD AND FRYER EXHAUST HOOD, AS IN STEP-5.

STEP-6

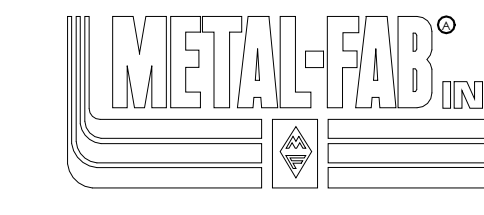
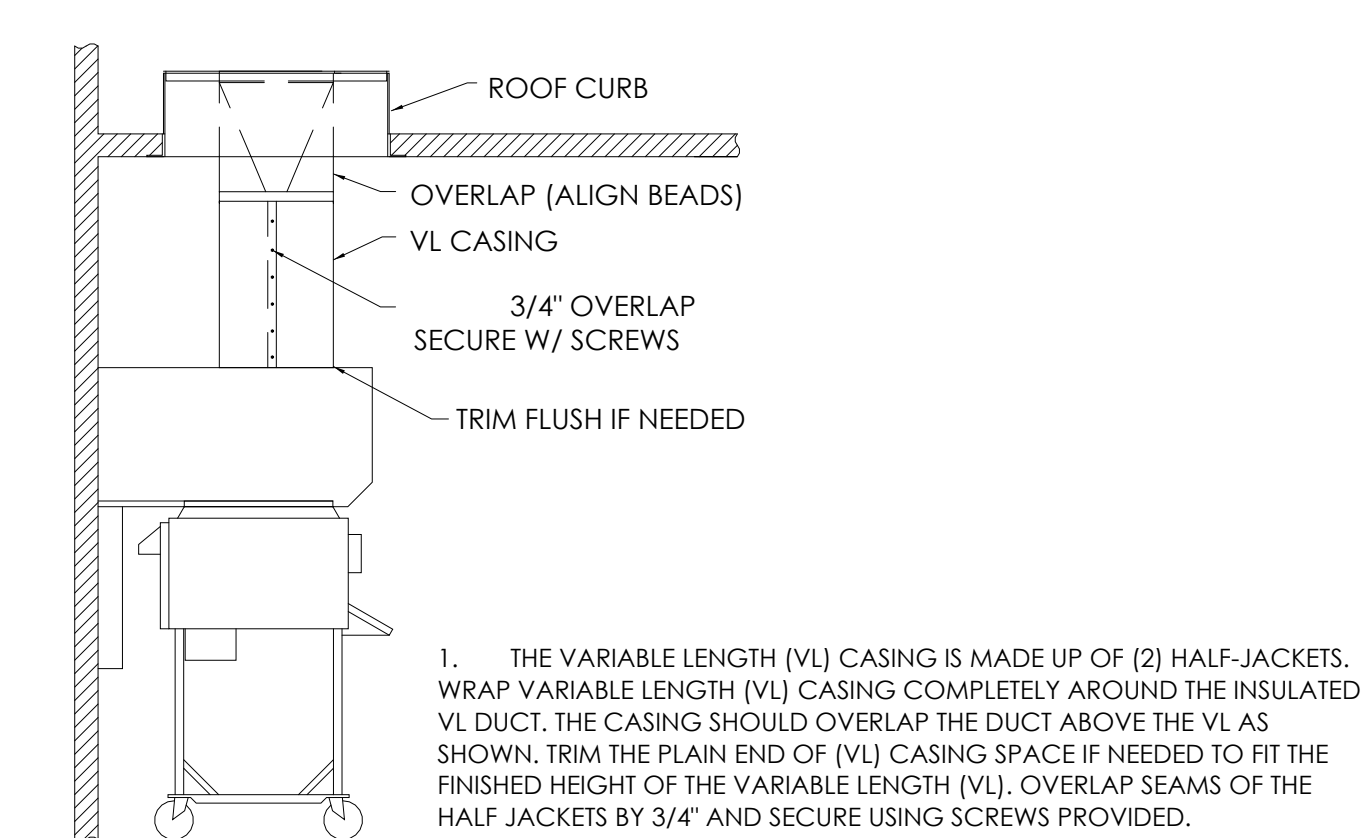


FOR QUESTIONS CALL METAL-FAB @ 1-800-835-2830 X 4165

STEP-7



STEP-8



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

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

GENERAL INFORMATION

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

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

NO.	DATE	BY	REVISION
1	11.20.21	RT	FOR BURGERS TO CITY
2	11.22.21	RT	FOR FINISHING PERIOD

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SCALE: AS NOTED
DATE: 09.22.21

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PROJECT	3330 INDIANOLA AVE. COLUMBUS, OH 43214
SHEET TITLE	BROILER HOOD DRAWINGS
JOB#	TG-21666
SHEET	M-3

DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

NORTH AMERICAN BROILER/OVEN HOOD - DUKE BROILER

BROILER/OVEN HOOD MODEL: ELX-ND-BDL-PM-08-43-(BK-NA-BOH-7-7)
Manufactured by: Gaylord Industries

Broiler/Oven Hood Specifications
Gaylord Model ELX-ND-BDL-PM-08-43-(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 Nieco 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 meets ASTM Standard F2219-2005, and are ETL listed to UL Standard 1044. 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 K9 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.

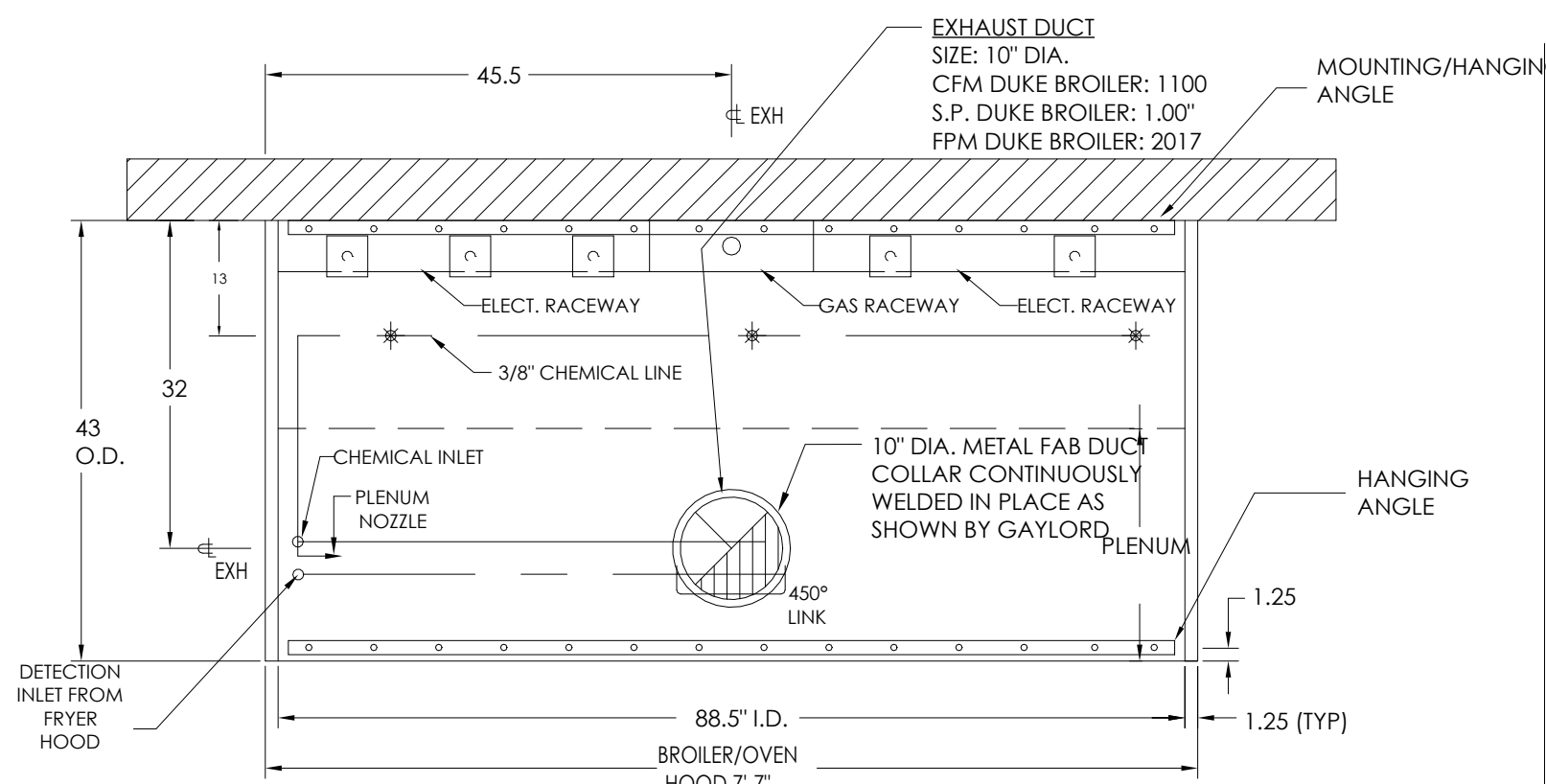
HOOD LISTING AND APPROVAL REFERENCE

BROILER/OVEN HOOD
INTERTEK TESTING SERVICES, INC.
BROILER HOOD IS ETL LISTED BROILER HOOD RECIPT
EXHAUST DAMPER, REPORT NO. 313583CR-006,
TESTED UNDER UL STANDARD 710.

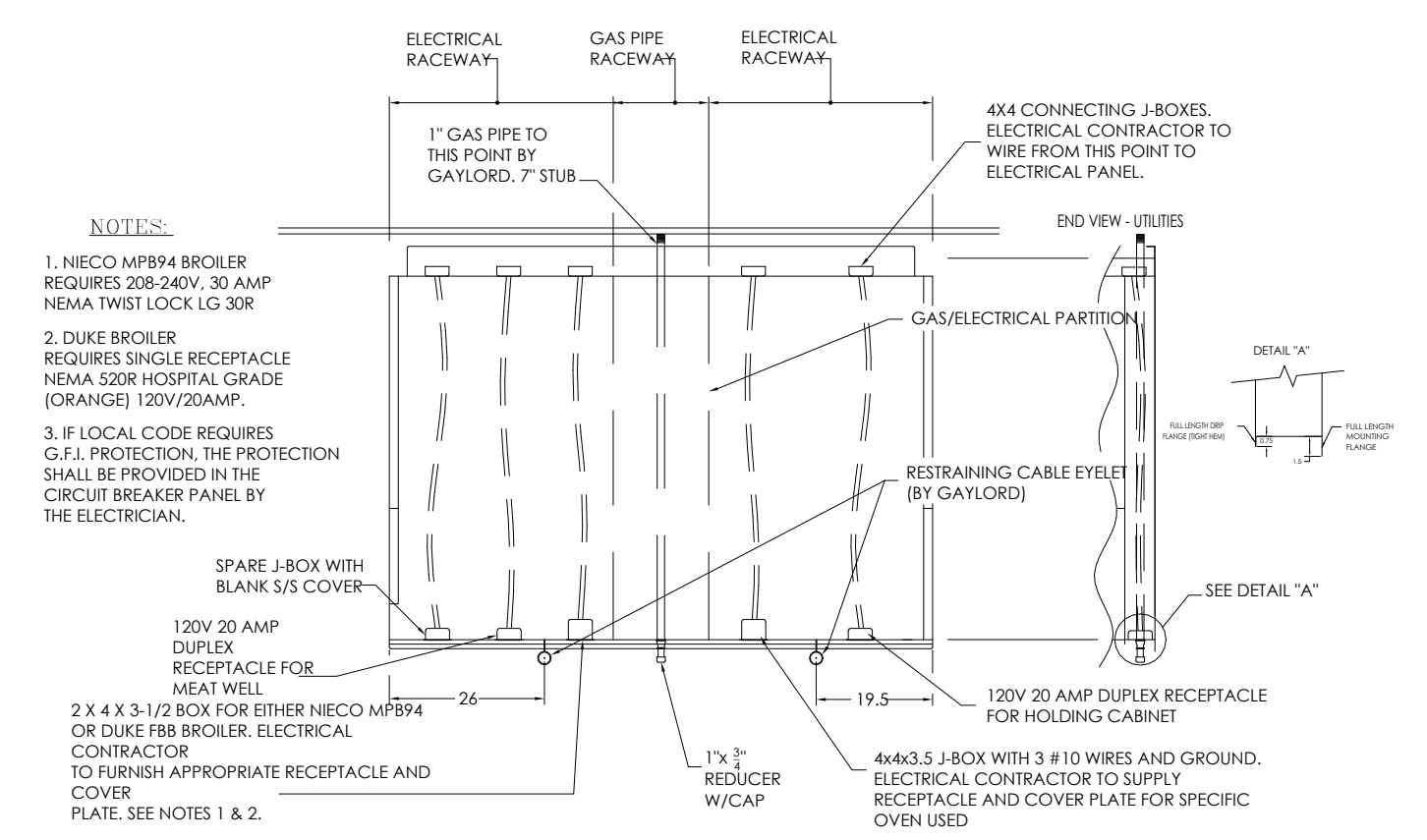
NSF-NATIONAL SANITATION FOUNDATION
MEETS ALL REQUIREMENTS OF NSF STANDARD NO.2
FOOD SERVICE EQUIPMENT

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

MECHANICAL CODES
MEETS ALL REQUIREMENTS OF THE UMC, BOCA, IMCC AND IBC.
NEW YORK CITY DEPARTMENT OF BUILDING
MEAT NO. 11584PM



NOTE: PROVIDE WITH 10" X 10" SQUARE-TO-ROUND AT DISCHARGE COLLAR



FRONT ELEVATION - UTILITY CHASE

5'-7" NORTH AMERICAN FRYER HOOD (FREE STANDING)

FRYER HOOD MODEL: ELX-ND-BD-38-(BK-NAFH-5-7)
Manufactured by: Gaylord Industries

Fryer Hood Specifications
Gaylord Model ELX-ND-BD-38-(BK-NAFH-5-7) low proximity, freestanding 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 also designed for a 3 Basket/2 Basket Fry Dispenser/3 Basket configuration. The hood utilizes patented high efficiency stainless steel Gaylord XGS Extractor. 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 K9 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.
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.

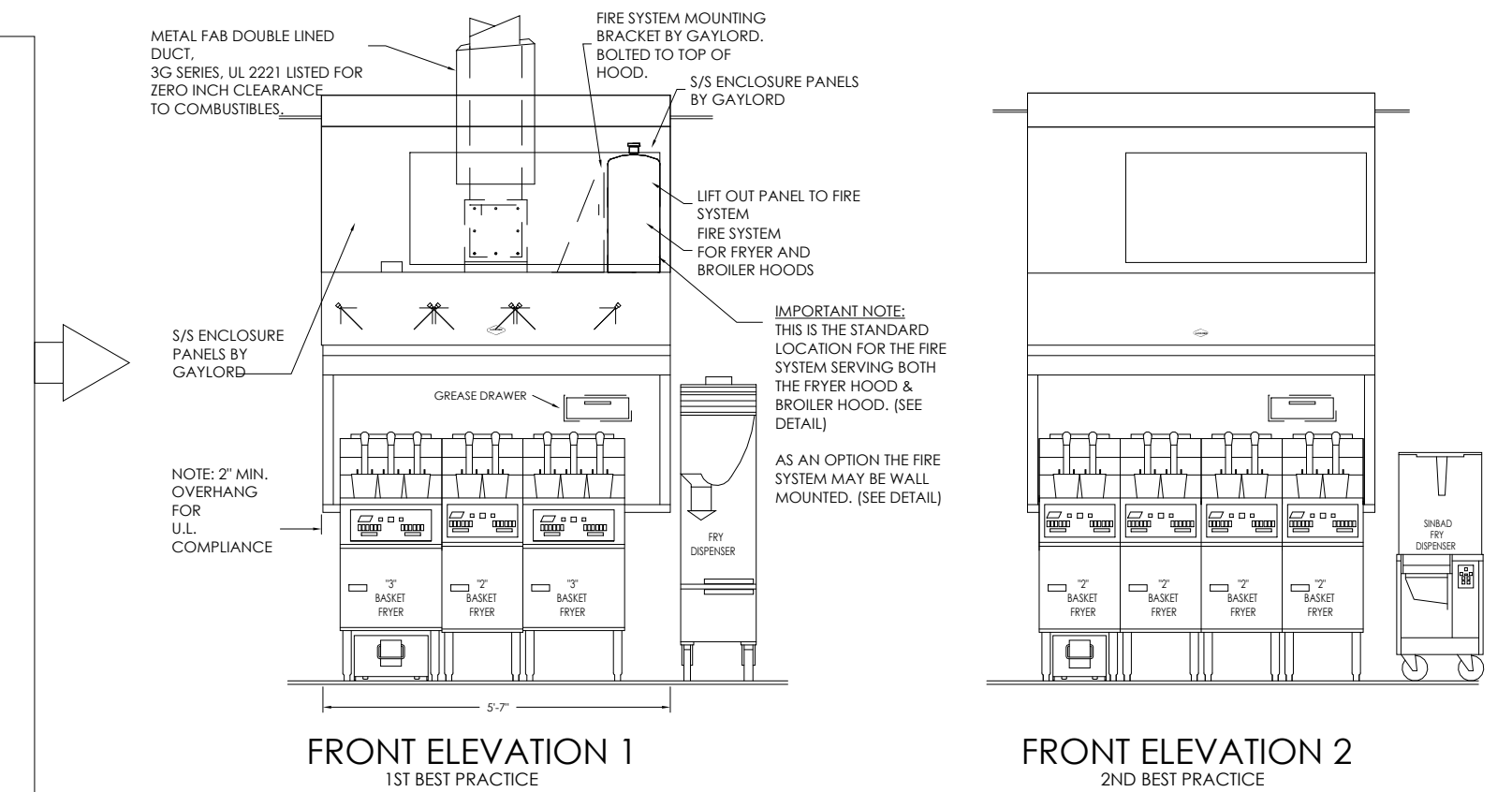
HOOD LISTING AND APPROVAL REFERENCE

FRYER HOOD
INTERTEK TESTING SERVICES, INC.
FRYER HOOD IS ETL LISTED EXHAUST HOODS WITHOUT EXHAUST DAMPER
REPORT NO. 313293CR-002, TESTED TO UL STANDARD 710 REQUIREMENT

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

NATIONAL FIRE PROTECTION ASSOCIATION
MEETS ALL REQUIREMENTS OF NFPA-96 (STANDARD FOR VENTILATION CONTROL AND FIRE PROTECTION OF COMMERCIAL COOKING OPERATIONS)

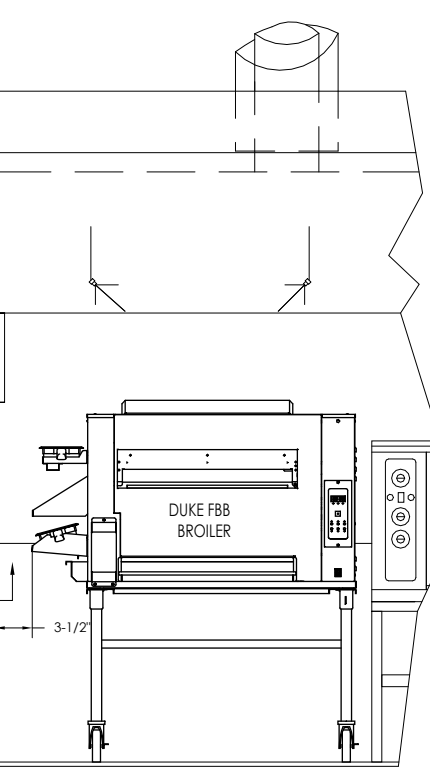
MECHANICAL CODES
MEETS ALL REQUIREMENTS OF THE UMC, BOCA, IMCC AND IBC.



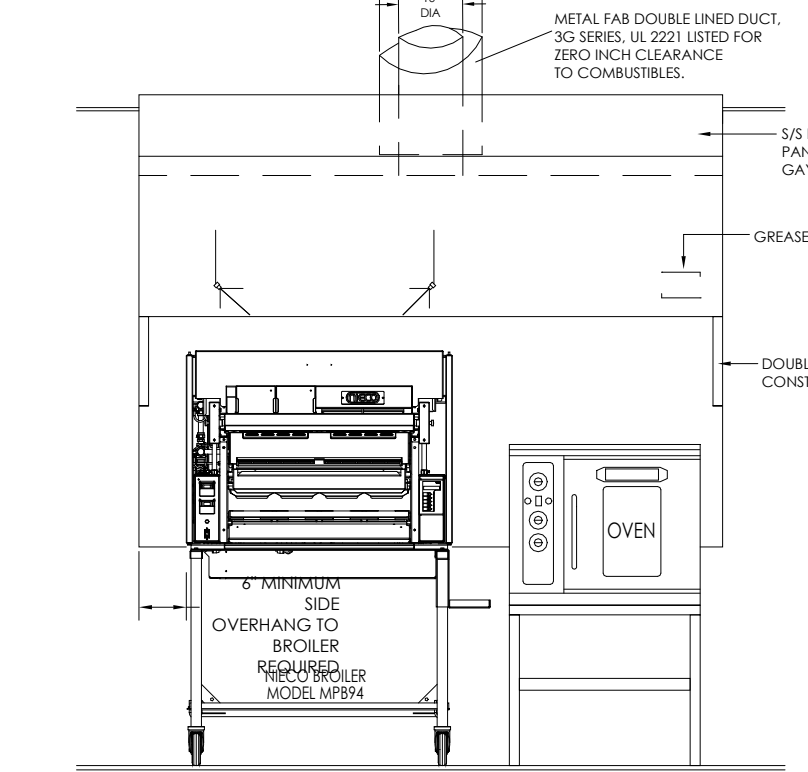
FRONT ELEVATION 1
1ST BEST PRACTICE

FRONT ELEVATION 2
2ND BEST PRACTICE

IMPORTANT NOTE: Drawing depicts two basic fryer configurations approved by Burger King Corporation.

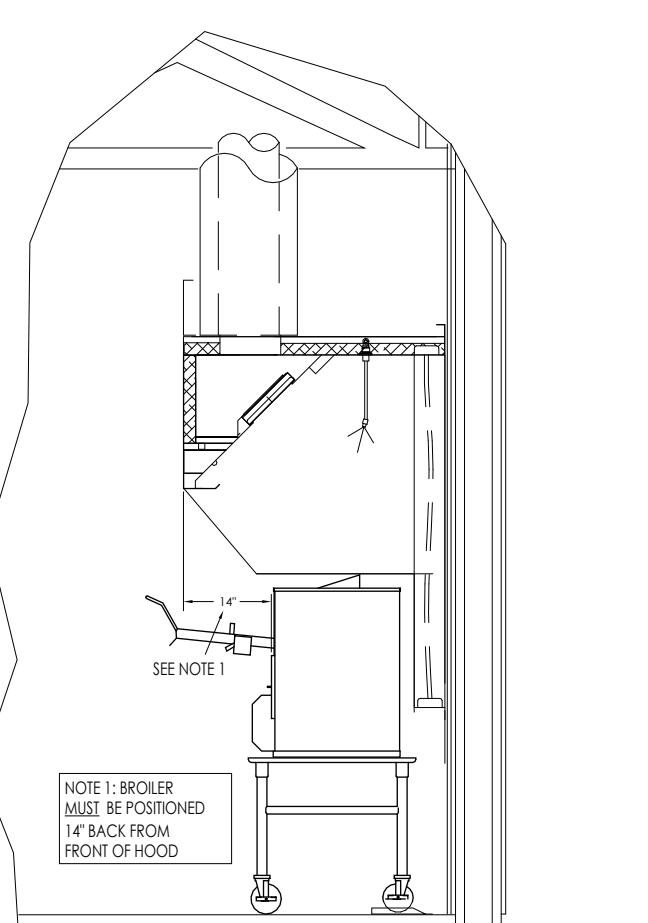


FRONT ELEVATION WITH DUKE FBB BROILER

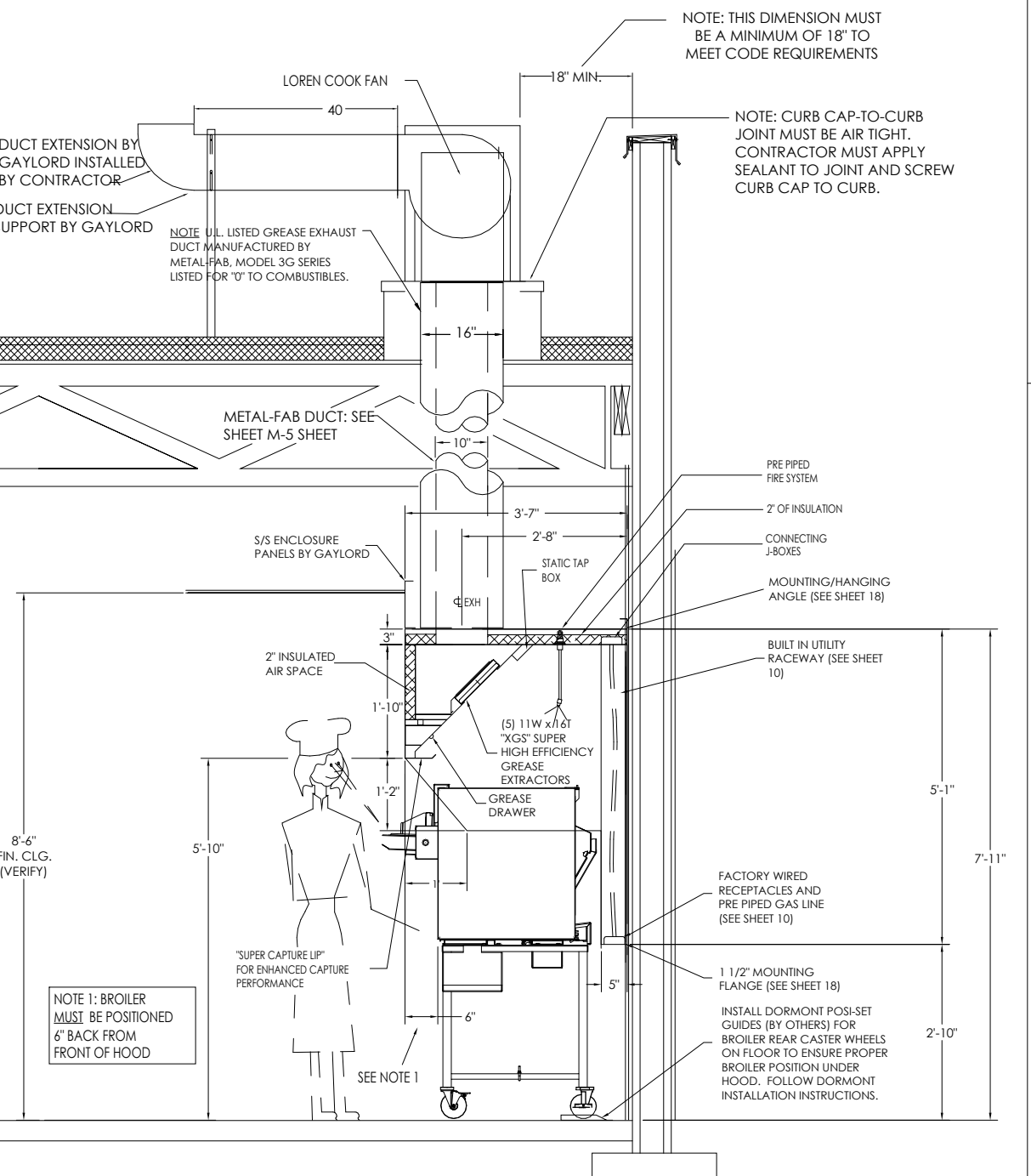


FRONT ELEVATION WITH NIECO BROILER MPB94

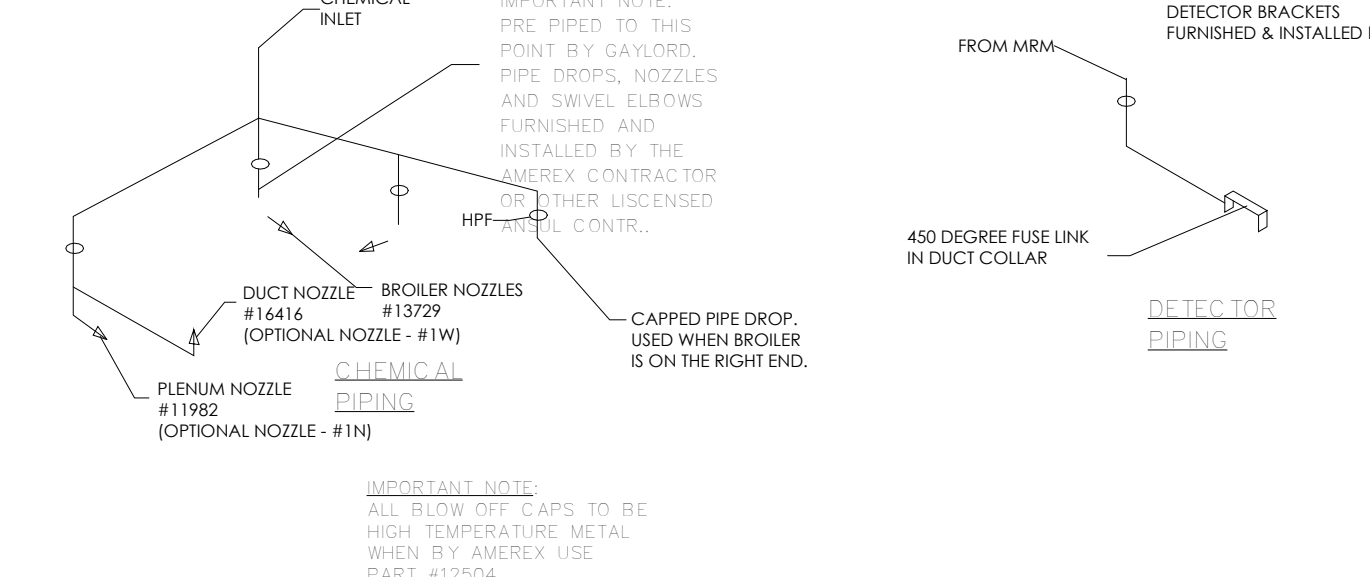
BROILER/OVEN EXHAUST FAN SPECS
COOK MODEL: 120 CPM, 1100 CFM, 1.50" S.P.
COOL ROYALCO, 1/4 HP, 200V 1PH, 50 HZ MOTOR, UL 745, 1/2 HP, 1/2 CLEAN COAL, STEEL ACCESS DOOR, HANGING GREASE BROWER, PREWIRED NEMA DISCONNECT TOP, HORIZONTAL DISCHARGE WITH FRANCHISE UL34 FLANGE, CURB CAP & INLET BOX, ROOF CURB, AND PRE-WIRED CURRENT SENSOR



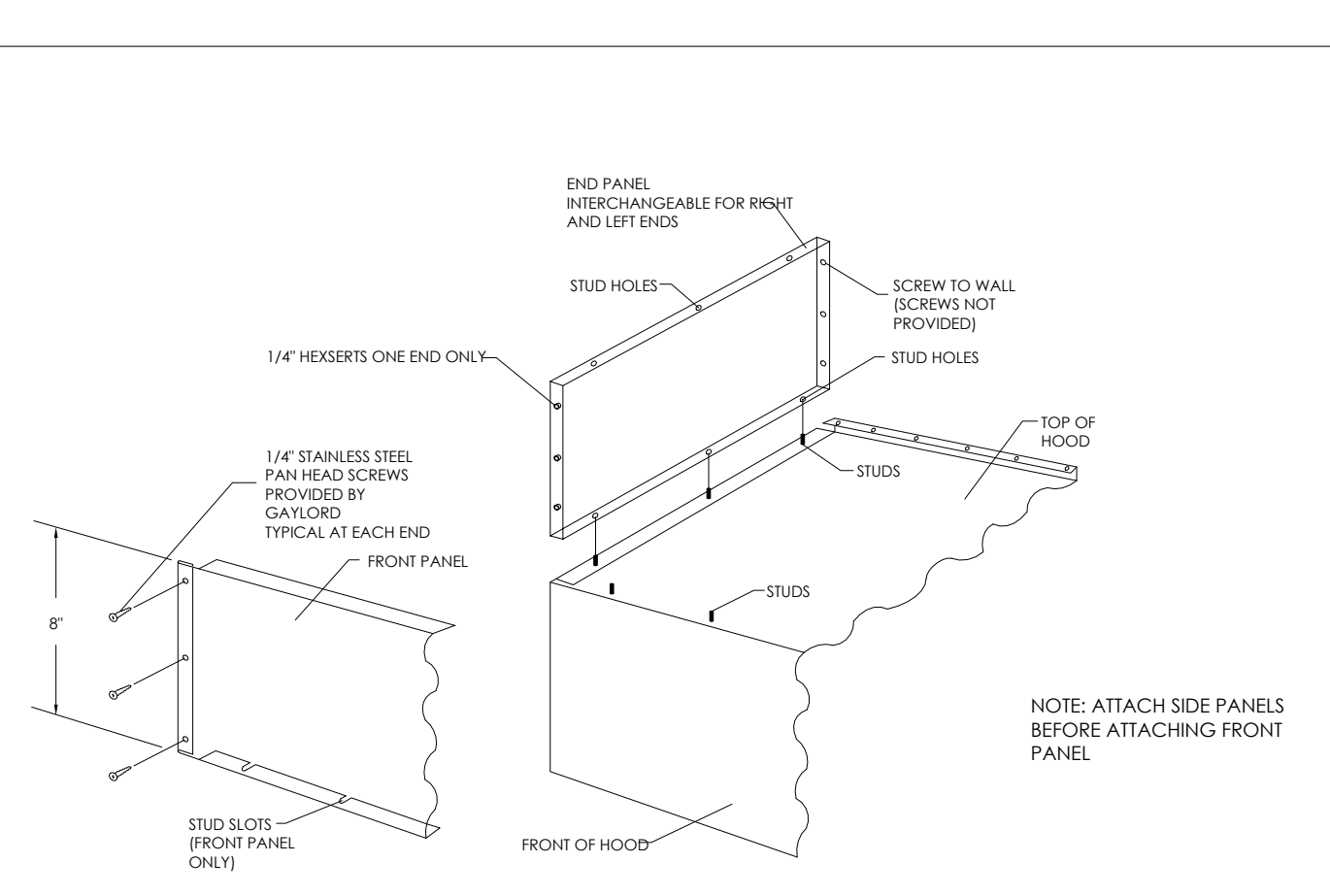
DUKE FBB BROILER



BROILER HOOD SECTION WITH NIECO MPB94 BROILER



AMEREX PIPING DETAILS
BROILER/OVEN HOOD



BROILER HOOD ENCLOSURE PANELS
INSTALLATION INSTRUCTIONS

FRYER/HOOD DETAILS

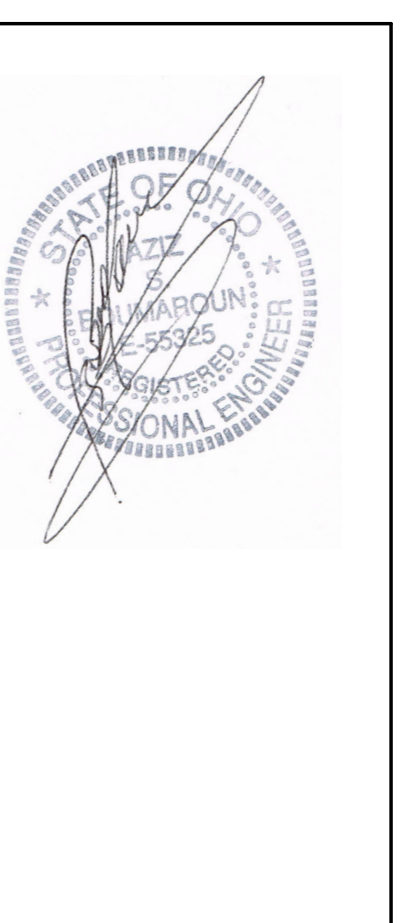
BROILER/HOOD DETAILS

NO.	DATE	BY	REVISION
1	11.20.21	BT	FOR SUBMITAL TO CITY
2	11.30.21	BT	FOR PLANNING PERIOD
3	11.30.21	BT	FOR PLANNING PERIOD

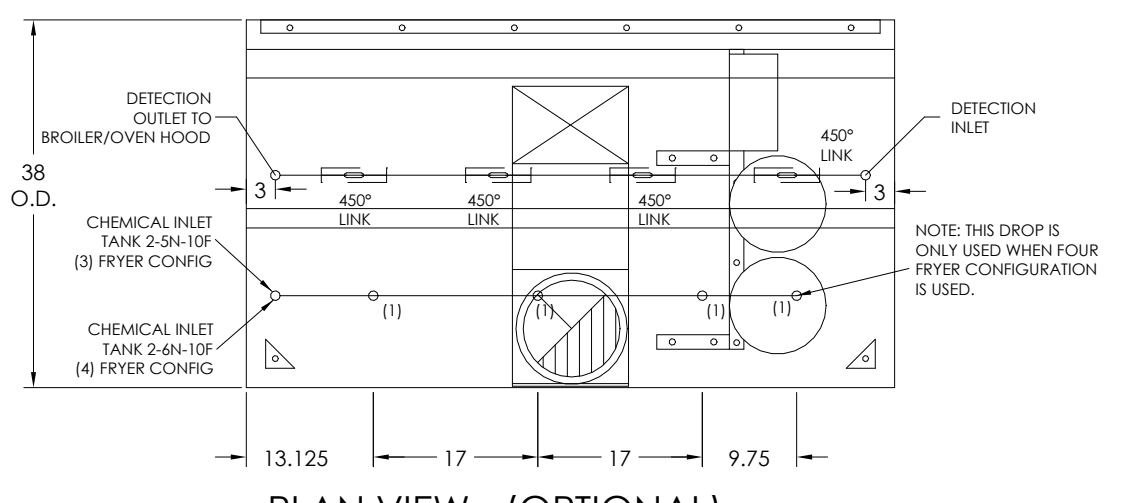
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CHECKED: DB
SCALE: AS NOTED
DATE: 09.22.21



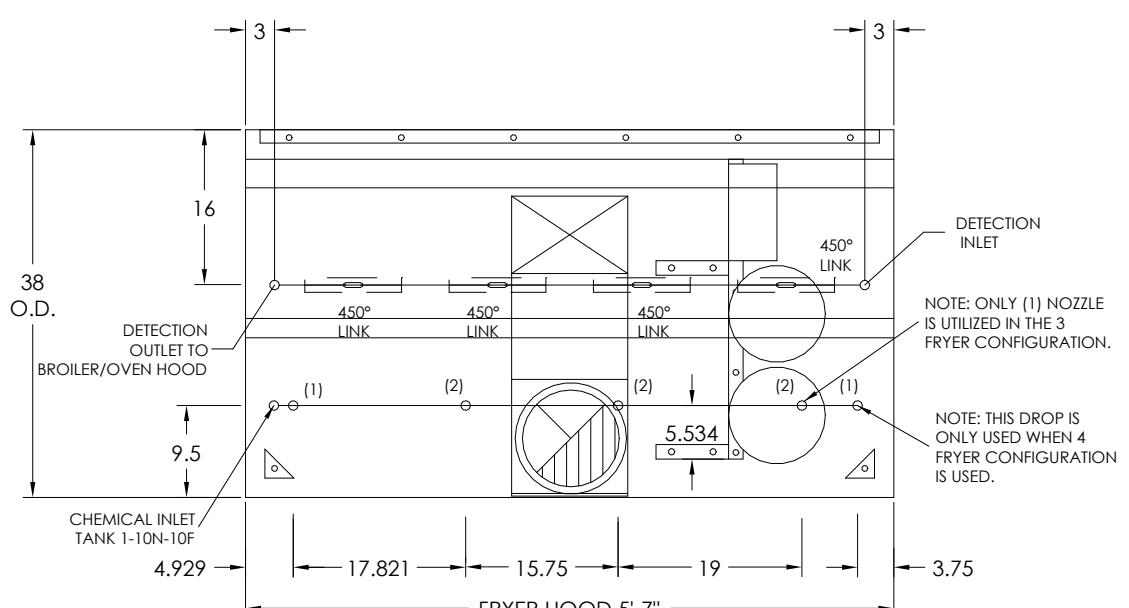
TECHNICAL GROUP, Inc.
1000 W. WASHINGTON AVE.
FARMINGTON HILLS, MI 48333
P: (248) 424-8000
F: (248) 424-7004



PROJECT: 3330 INDIANOLA AVE, COLUMBUS, OH 43214
SHEET TITLE: HOOD DETAILS
JOB#: TG-21666
SHEET: M-4

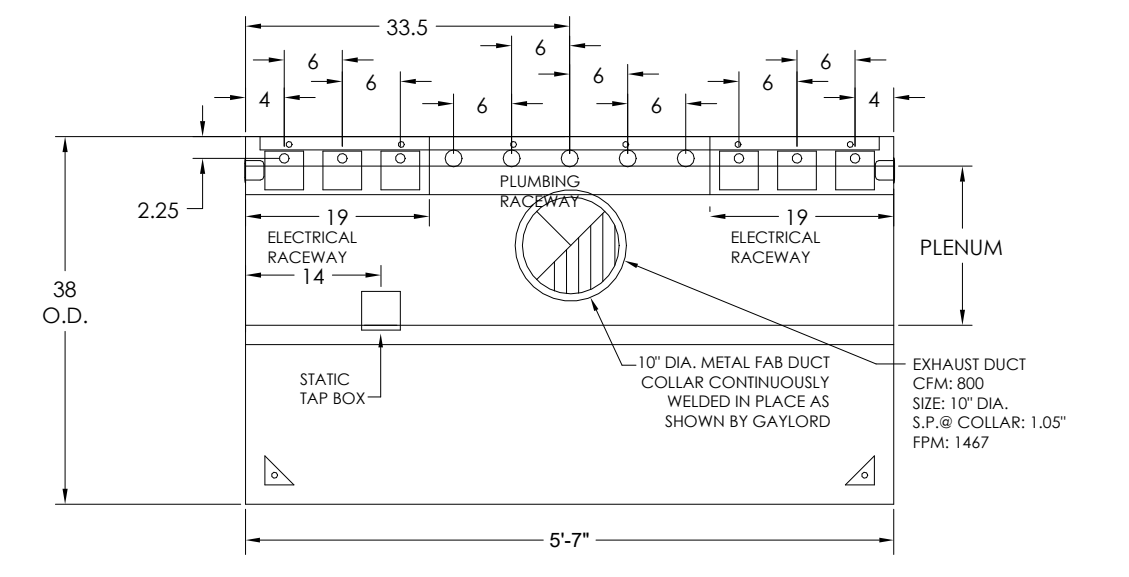


PLAN VIEW - (OPTIONAL)
ANSUL FIRE SYSTEM PIPING LOCATIONS

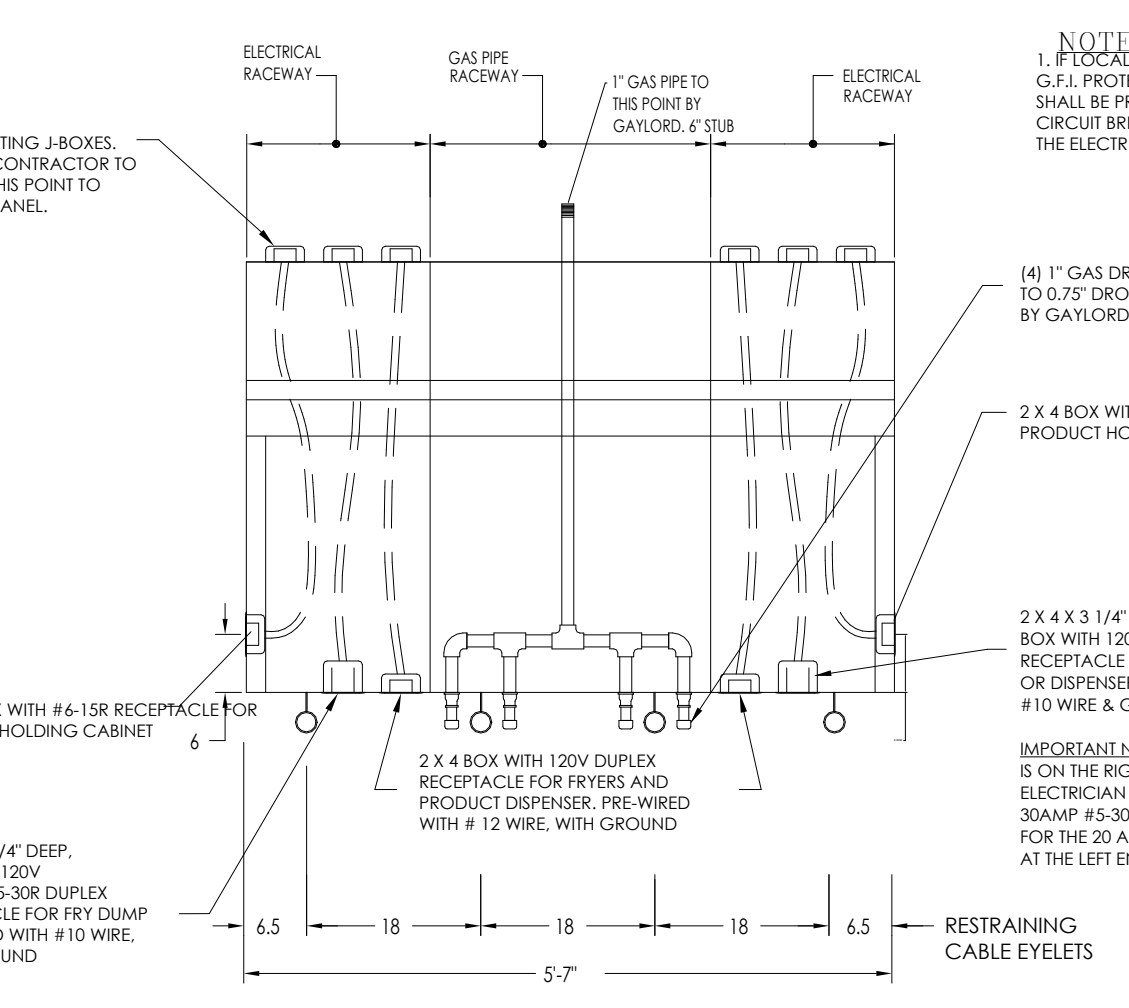


PLAN VIEW - AMEREX FIRE SYSTEM PIPING LOCATIONS

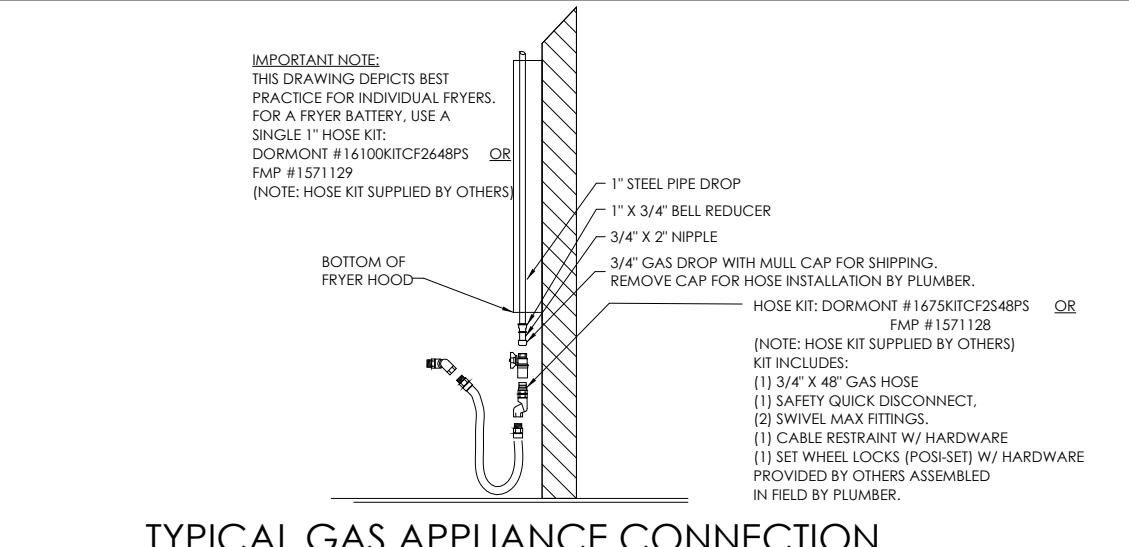
NOTE: PROVIDE WITH 10"Ø-TO-10X10 SQUARE-TO-RING AT DISCHARGE COLLAR



PLAN VIEW UTILITIES



FRONT ELEVATION-UTILITIES



TYPICAL GAS APPLIANCE CONNECTION

1 HOOD DETAILS Copy 1 Copy 1
1/4" = 1'-0"

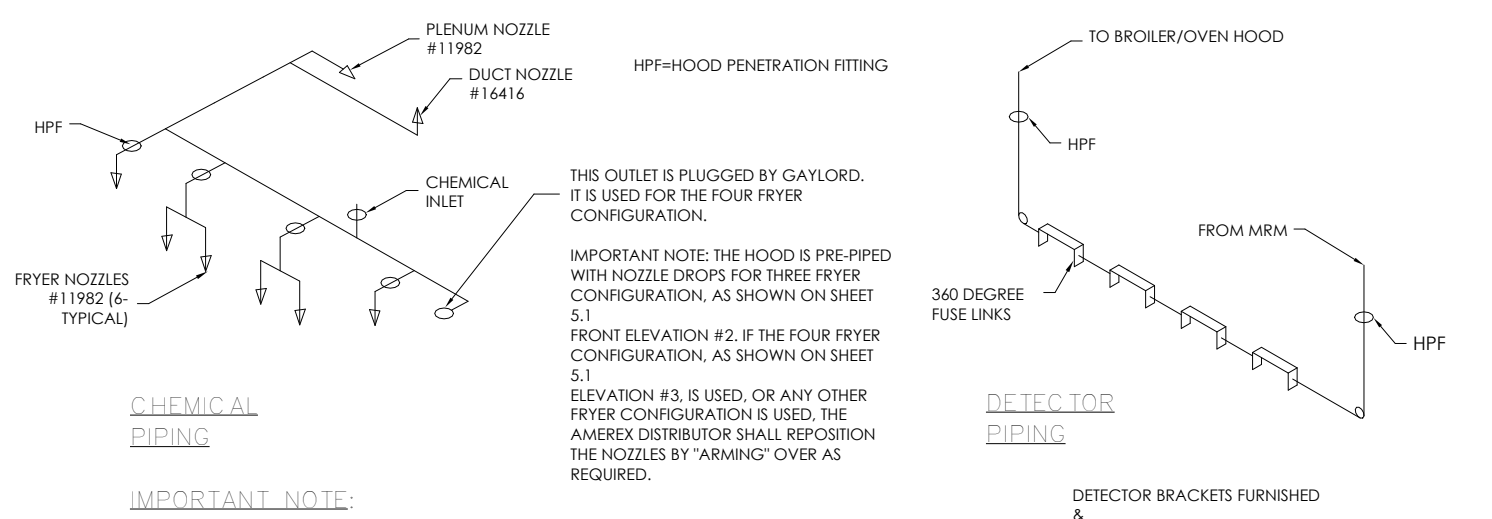
FIRE PROTECTION SYSTEM NOTES
ANSUL R-102-MS

INSTALLATION OF FIRE PROTECTION NOZZLES MUST BE VERIFIED IN RELATION TO THE COOKING EQUIPMENT. PRIOR TO VENTILATOR FABRICATION.

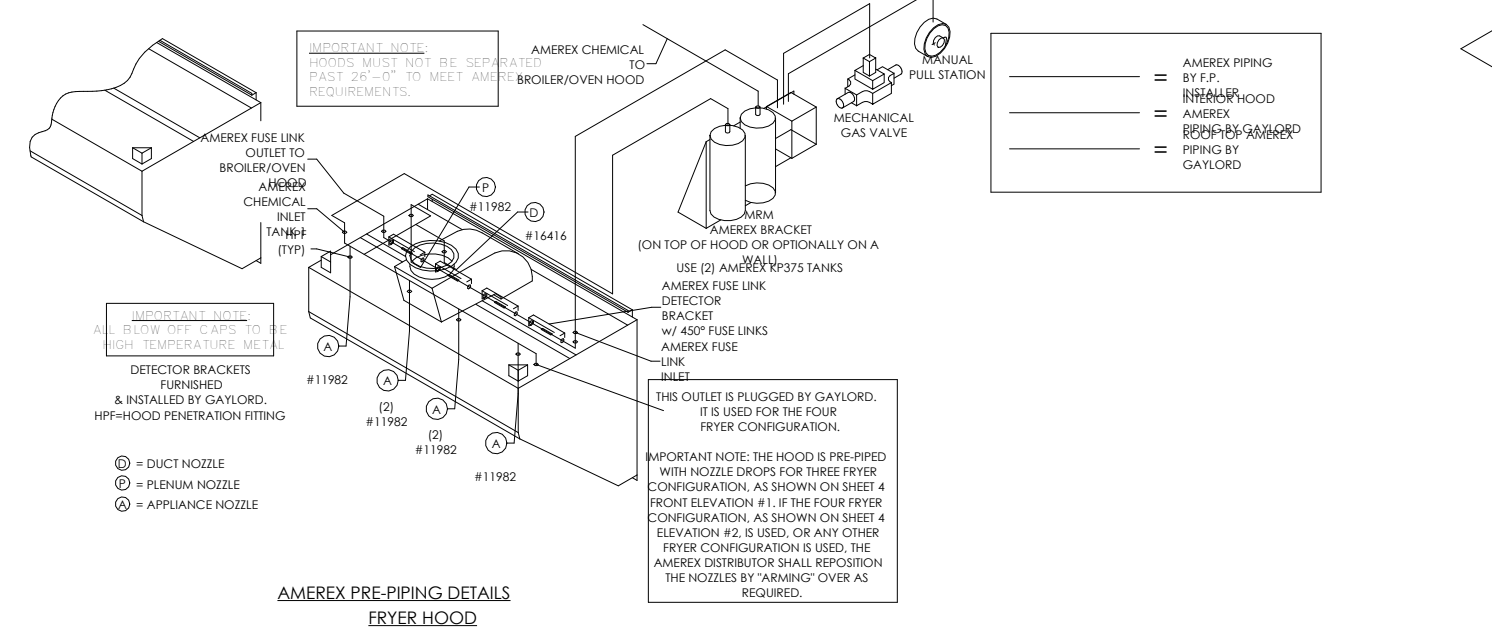
FACTORY PREWIRED FOR ANSUL SYSTEM, NOT INCLUDING APPLIANCE DROPS, WITH SURFACE MOUNTED DETECTOR BRACKETS BY GAYLORD. ANSUL DANKS, HARDWARE AND FIELD INSTALLATION REQUIRED BY VENDOR. FACTORY PREWIRED CHEMICAL LINE INCLUDING DUCT AND PLENUM WITH MOBILE INSTALLED. MARKING INSTALLED ON TOP OF VENTILATOR WITH APPLIANCE DROPS TERMINATING AT ROOF OF VENTILATOR WITH HOOD PENETRATION FITTING. PRE-CHEMICAL PLANT 3/8" COUPLER, INCLUDING FACTORY PREWIRED DETECTOR LINE WITH SURFACE MOUNTED DETECTOR BRACKET. REINSTALLATION BY CERTIFIED FACTORY INSTALLER.

EXCLUDES:

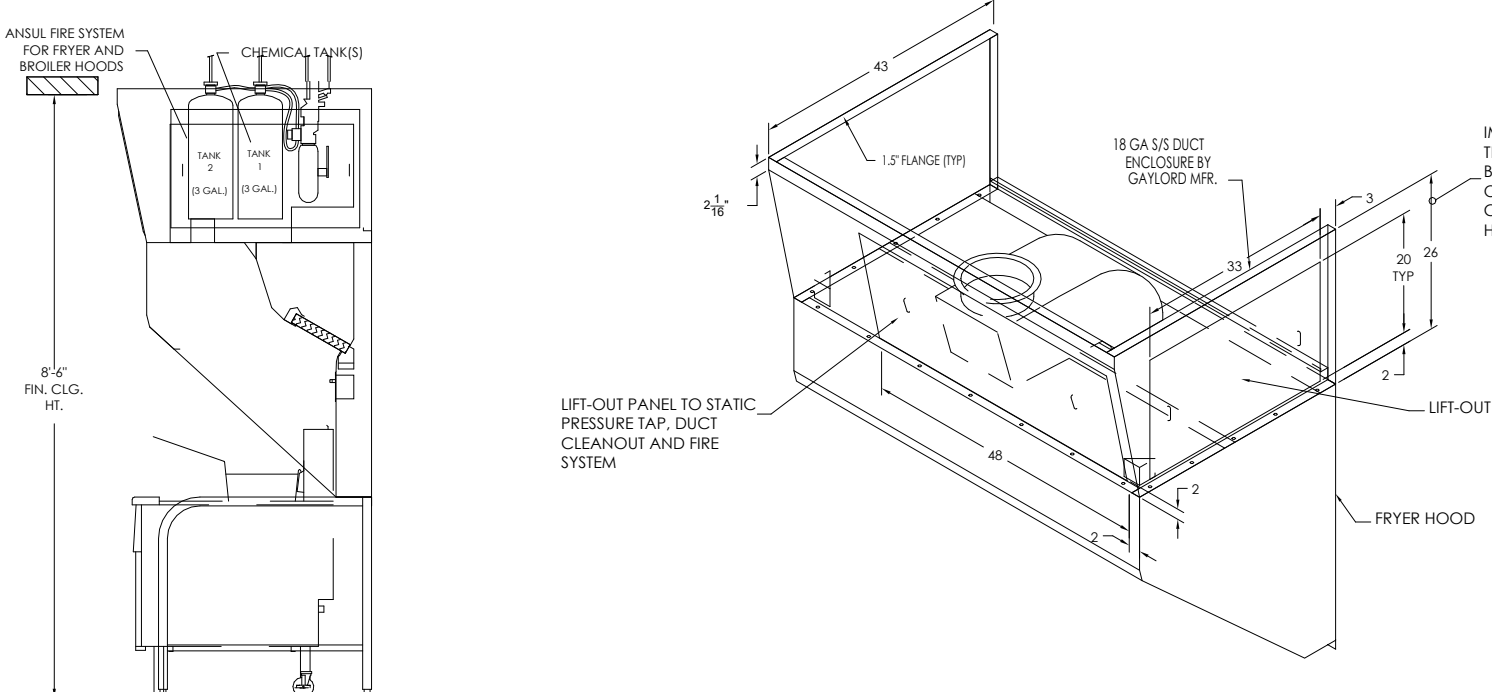
- * PLANS AND PERMITS
- * PARTS AND LABOR FOR PREVALVING WAGE
- * PARTS AND INSTALLATION OF CHEMICAL AND DETECTION LINES FROM TANKS TO COOKING AREA
- * POINTS ON HOOD
- * PARTS FOR AND INSTALLATION OF GAS VALVES
- * PARTS FOR AND INSTALLATION OF REMOTE MANUAL FULL DURATION
- * ELECTRICAL DISCONNECTS
- * PARTS AND LABOR FOR ANY ELECTRICAL
- * PARTS AND LABOR FOR ANY ELECTRICAL
- * JOB SITE REPOSITIONING OF TERMINATED APPLIANCE DROPS IF COOKING EQUIPMENT IS NOT INSTALLED
- * FIRE GAYLORD APPROVED DRAWINGS
- * NEW GAS AND DISCONNECT
- * APPLIANCE PIPE DROPS AND HOODS
- * CHEMICAL
- * DETECTOR LABEL
- * FUSIBLE LINKS AND LINKAGE
- * HANGING BRACKET
- * HANGING FIRE EXTINGUISHER(S)
- * DETECTION AND SENSING



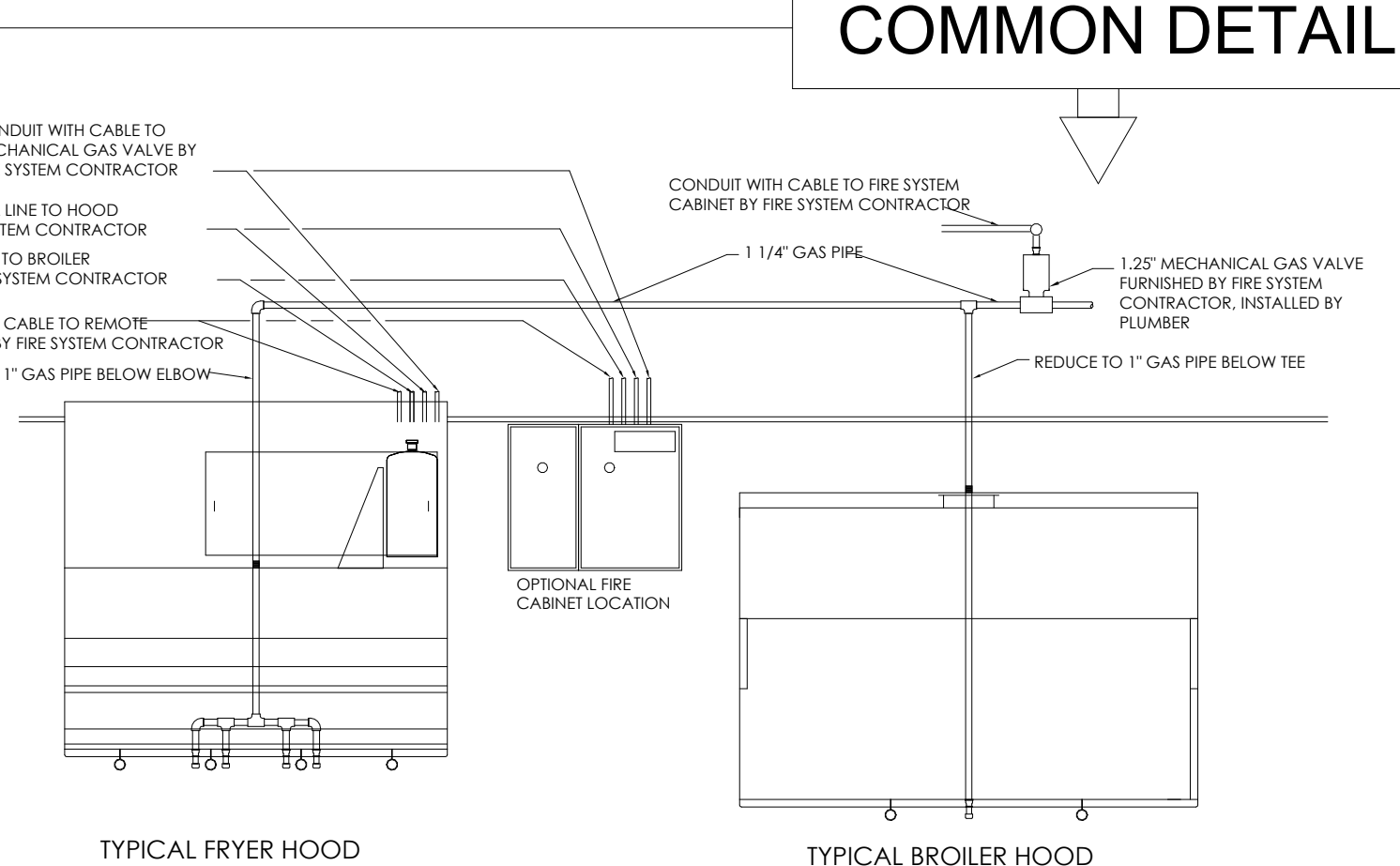
AMEREX PRE-PIPING DETAILS
FRYER HOOD



AMEREX PRE-PIPING DETAILS
FRYER HOOD

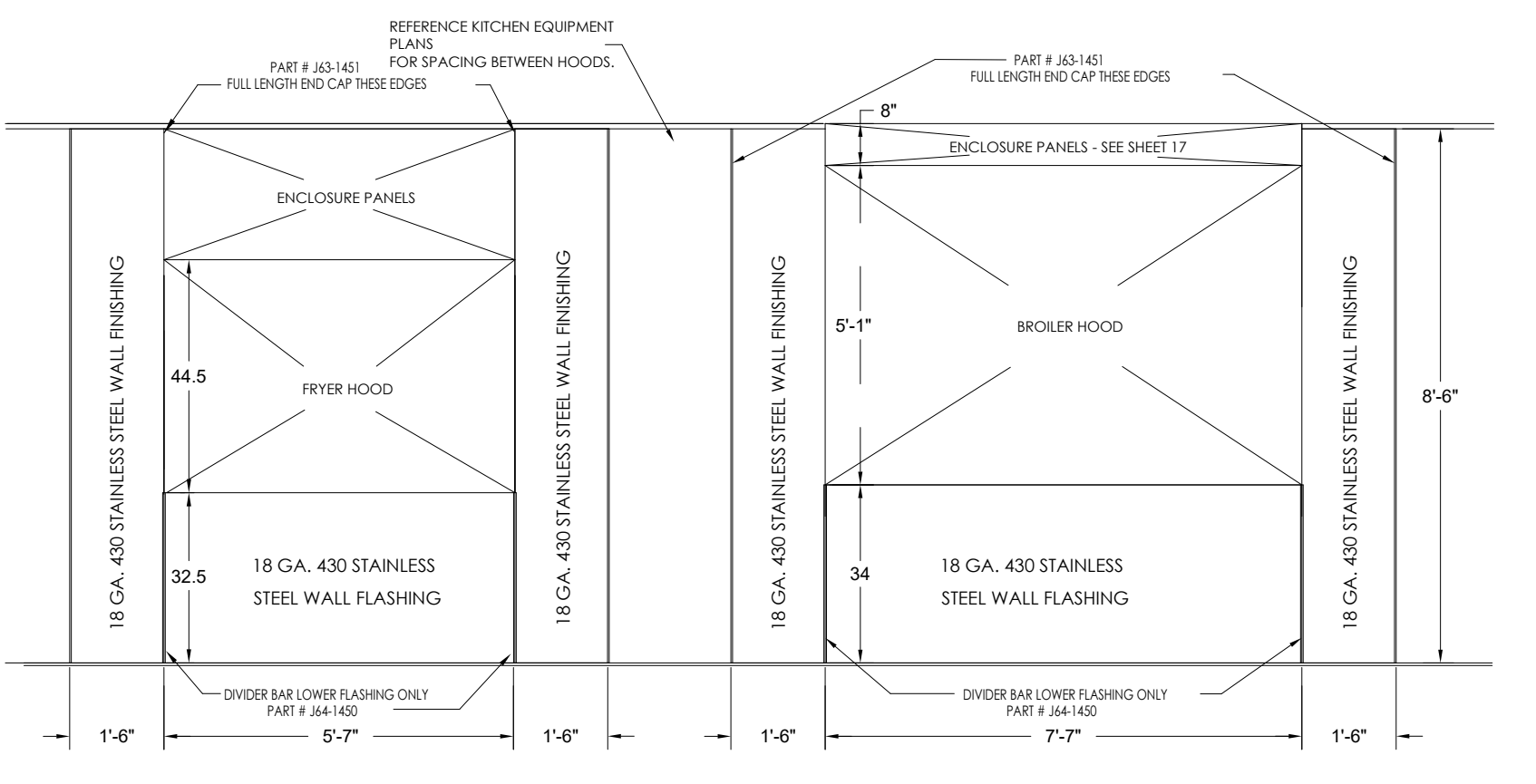


FRYER HOOD HOOD MOUNTED
OPTIONAL ANSUL FIRE SYSTEM DETAIL

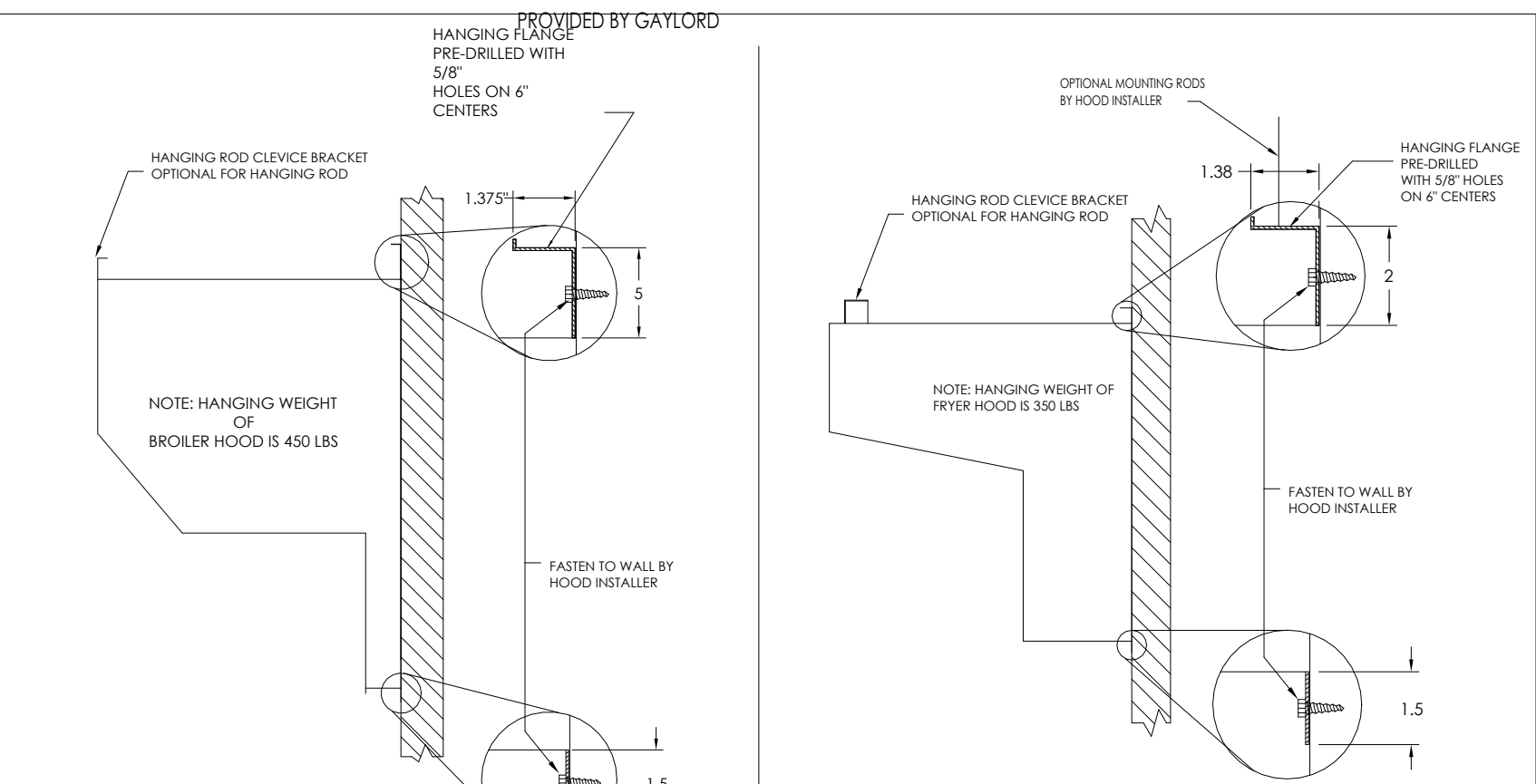


TYPICAL FRYER HOOD
TYPICAL BROILER HOOD
TYPICAL STANDARD HOOD MOUNTED FIRE SYSTEM ARRANGEMENT
USING ONE SYSTEM TO SERVE BOTH HOODS

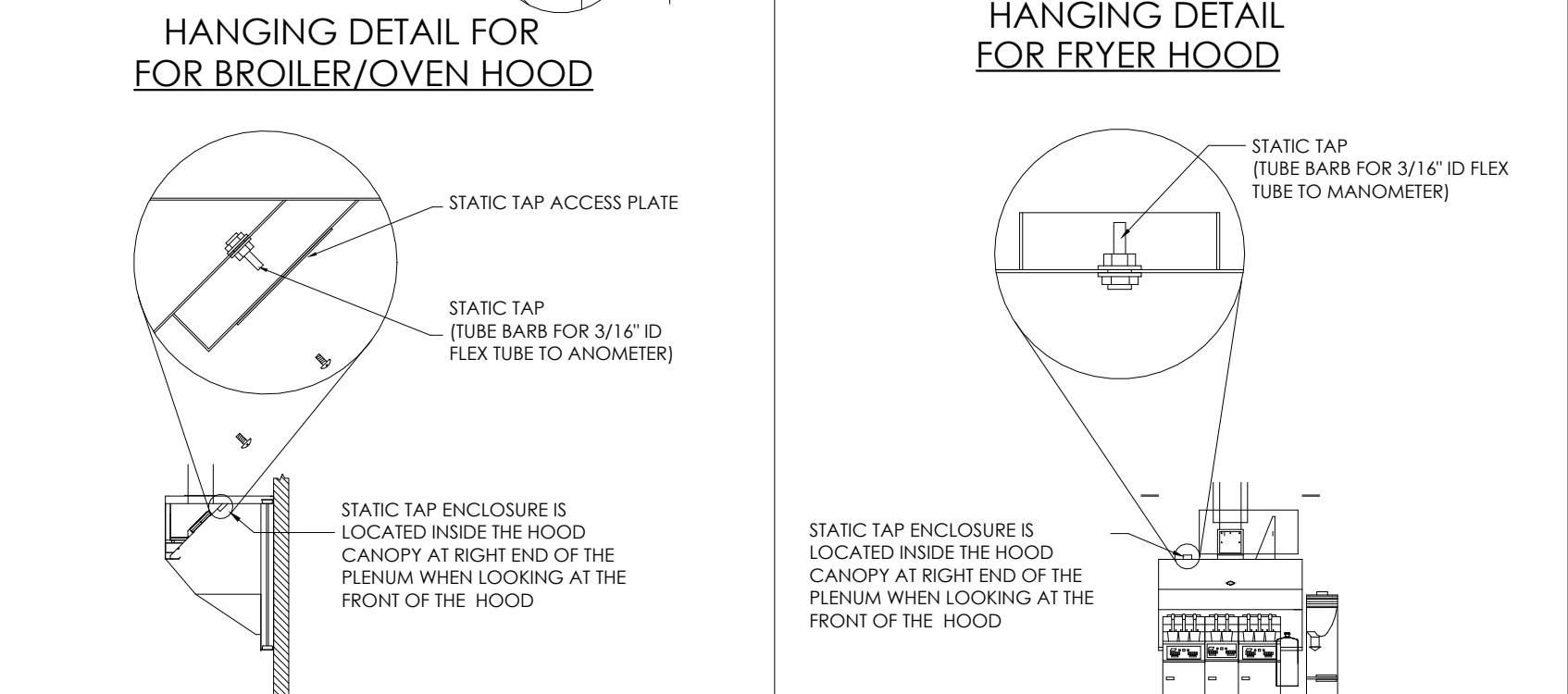
FRYERHOOD DETAILS



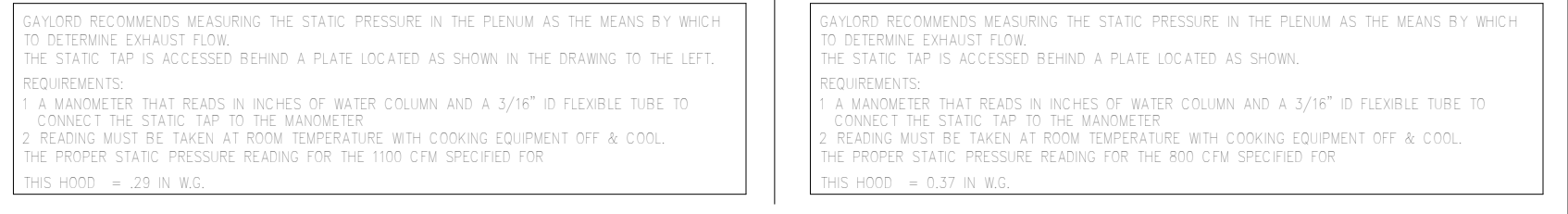
FRYERHOOD DETAILS



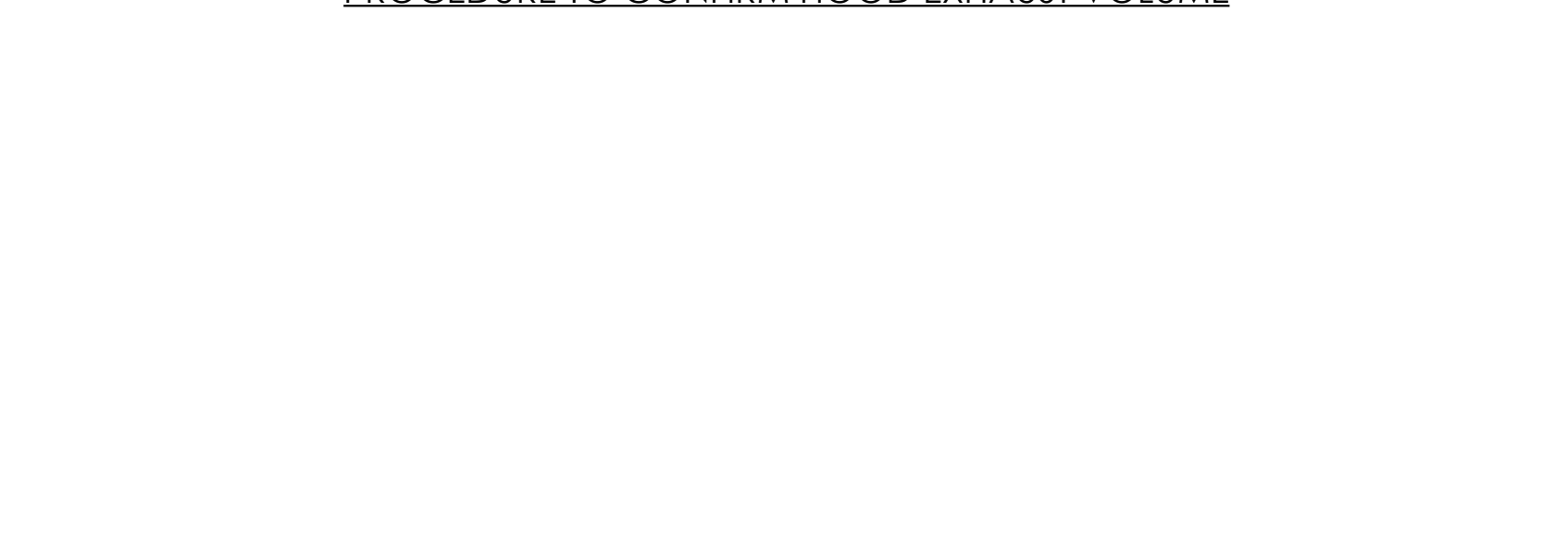
WALL FLASHING DETAIL



HANGING DETAIL FOR FOR BROILER/OVEN HOOD



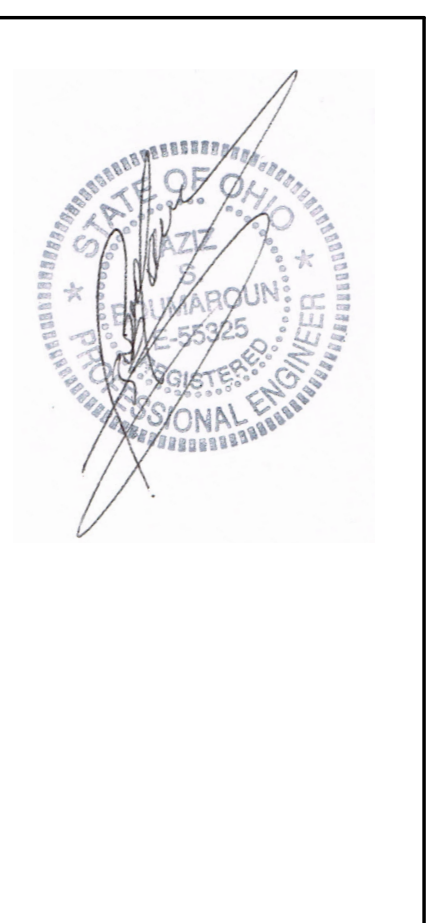
HANGING DETAIL FOR FRYER HOOD



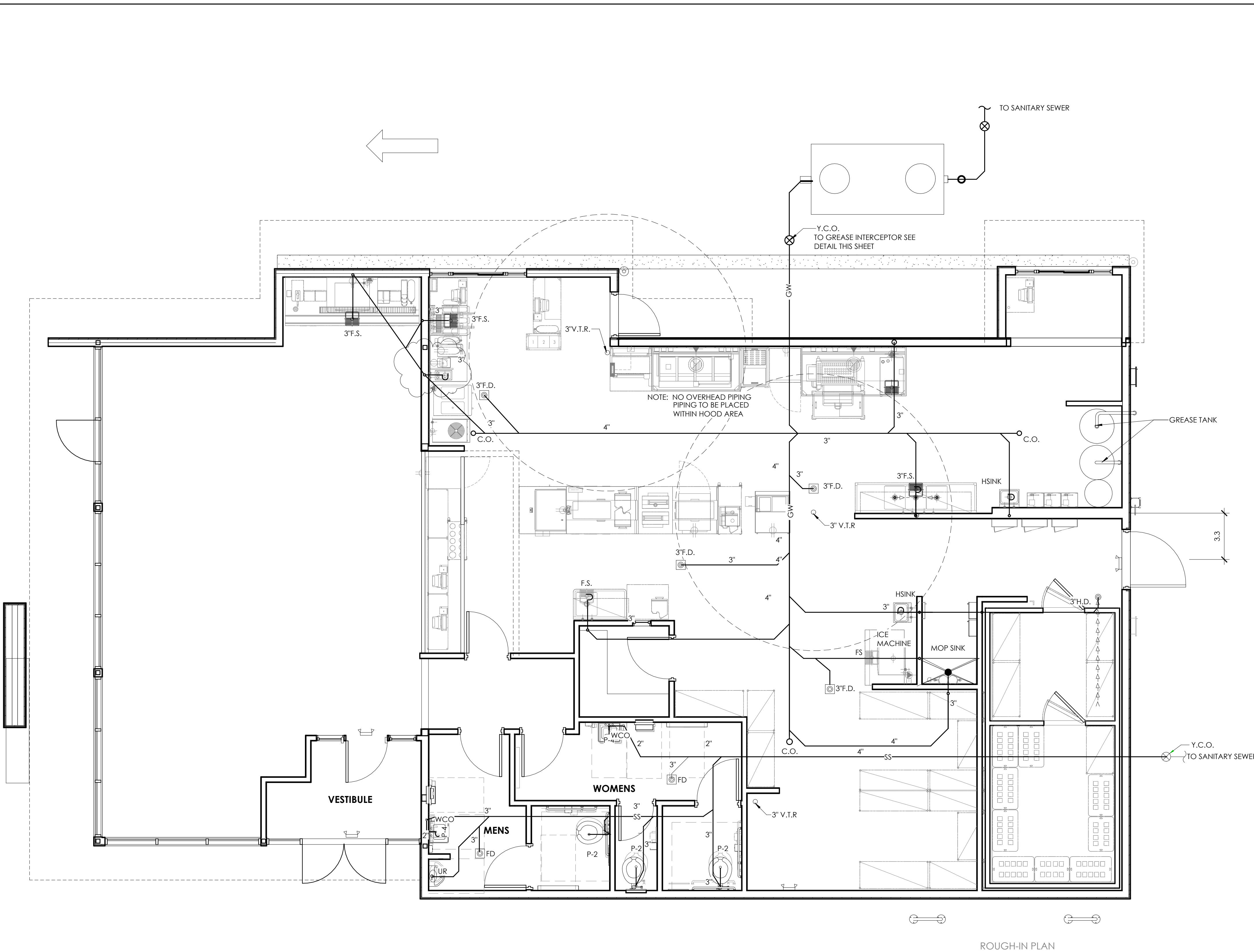
PROCEDURE TO CONFIRM HOOD EXHAUST VOLUME

NO.	DATE	BY	FOR
1	10.21.21	RT	FOR BEMERAL CITY
2	11.30.21	RT	FOR PLANNING PERIOD

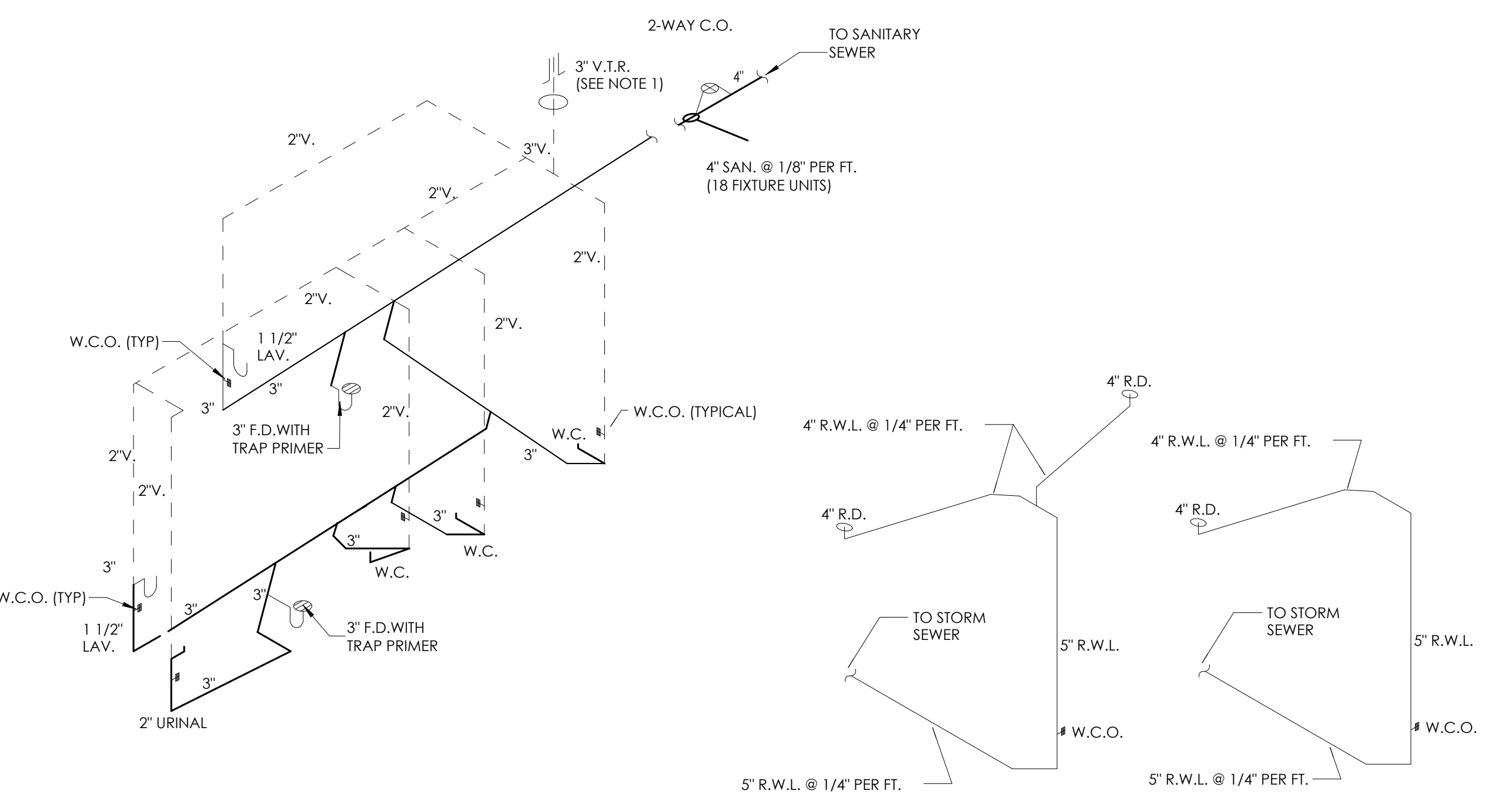
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SCALE: AS NOTED
DATE: 09.22.21



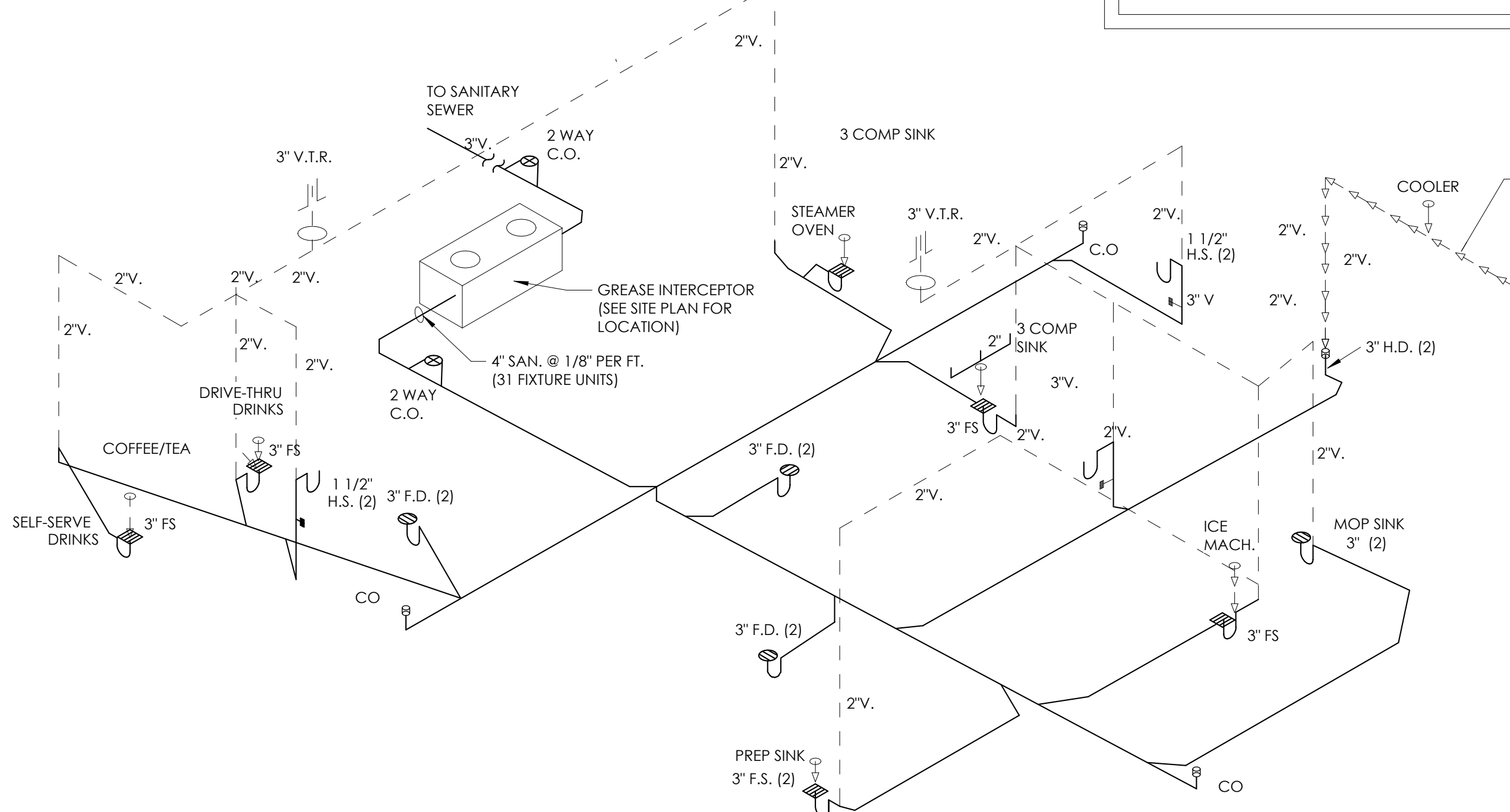
PROJECT	3330 INDIANOLA AVE. COLUMBUS, OH 43214
SHEET TITLE	BROILER HOOD DETAILS
DO NOT SCALE THIS SHEET. USE FIGURED DIMENSIONS ONLY.	
JOB#	TG-21666
SHEET	M-5



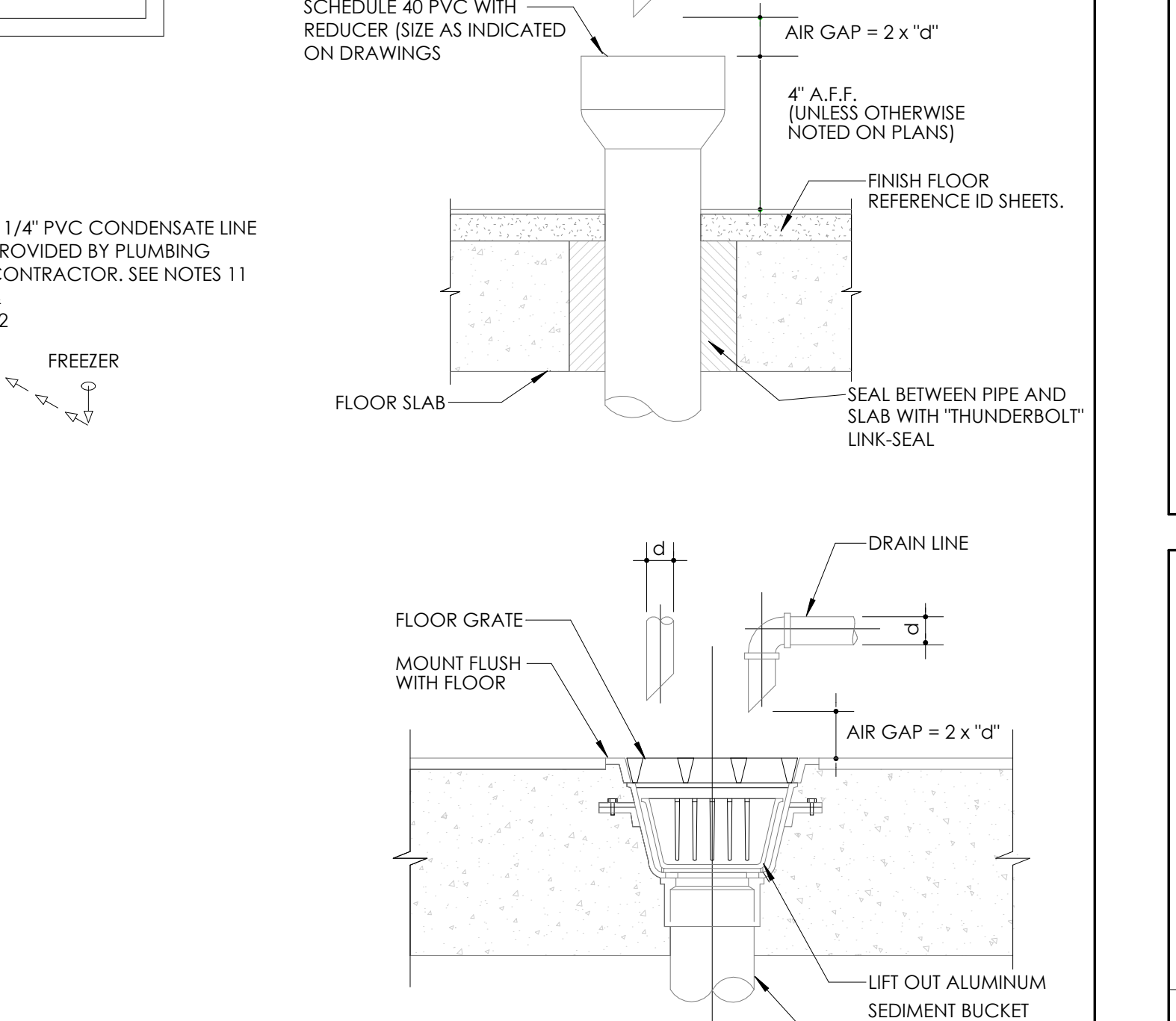
1 SANITARY & GREASE WASTE PLAN
1/4" = 1'-0"



2 SANITARY WASTE RISER
N.T.S.



3 ROOF DRAIN RISER
N.T.S.



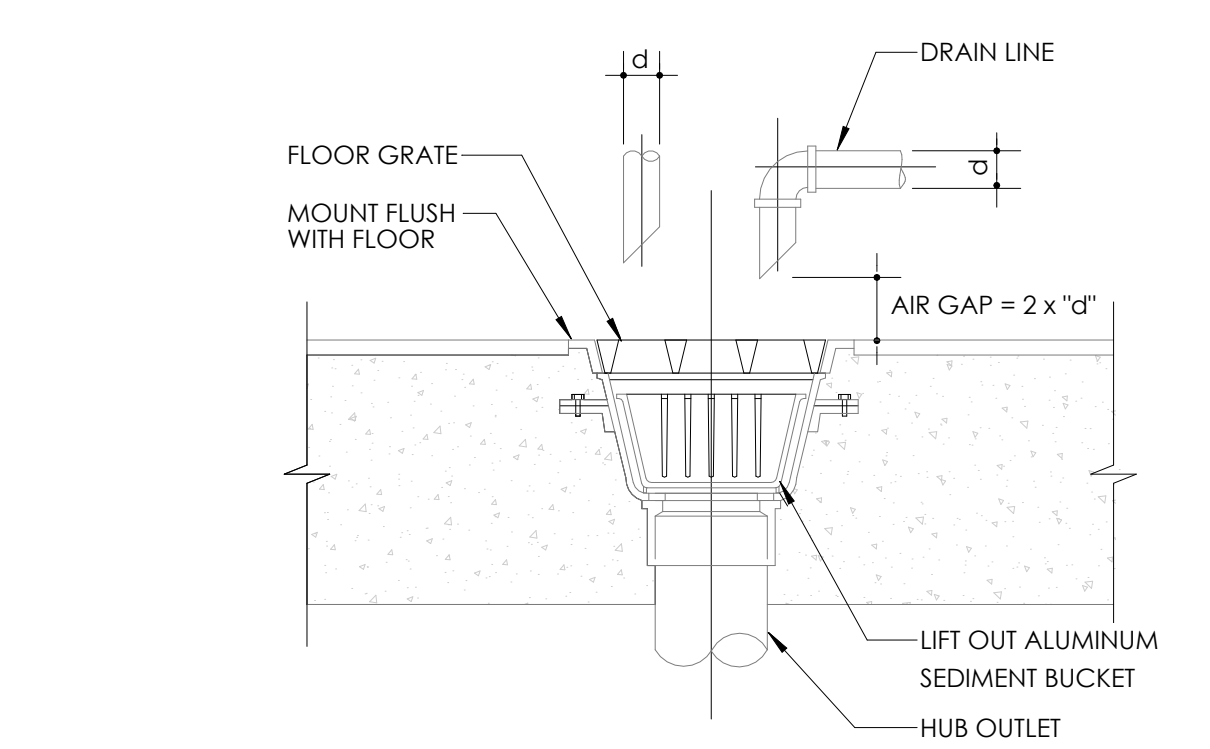
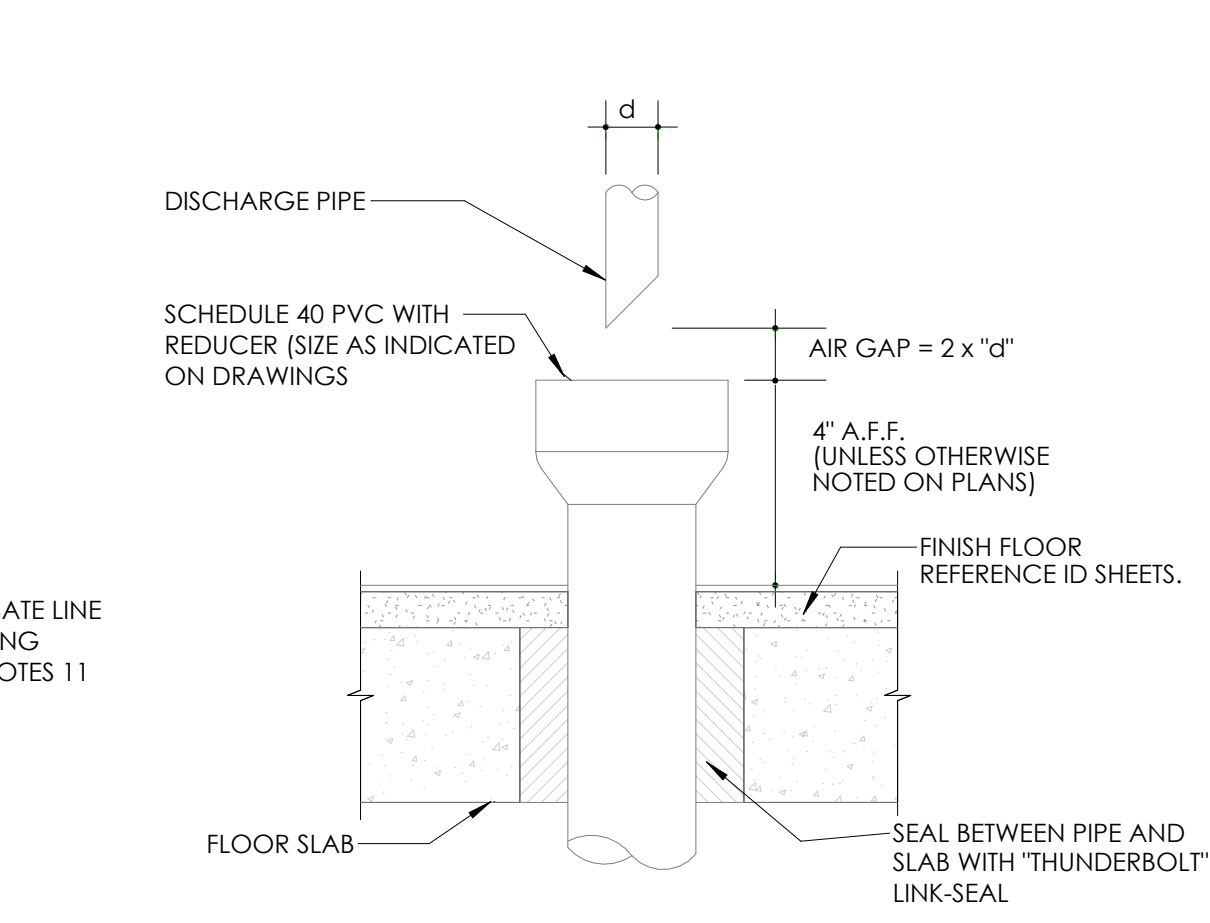
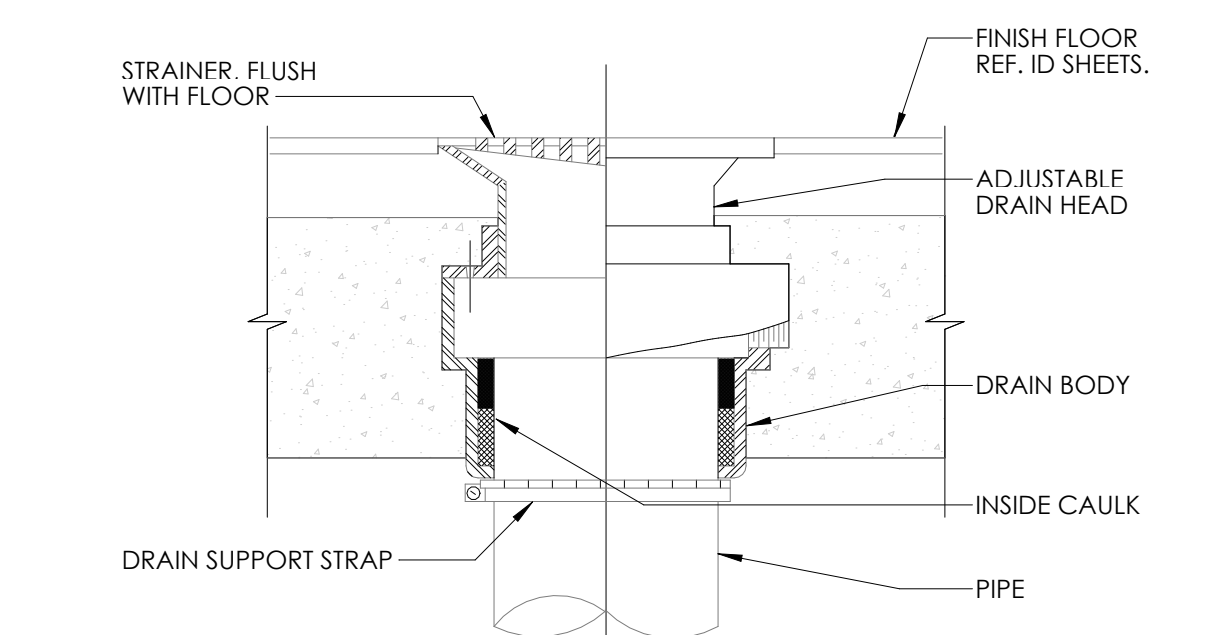
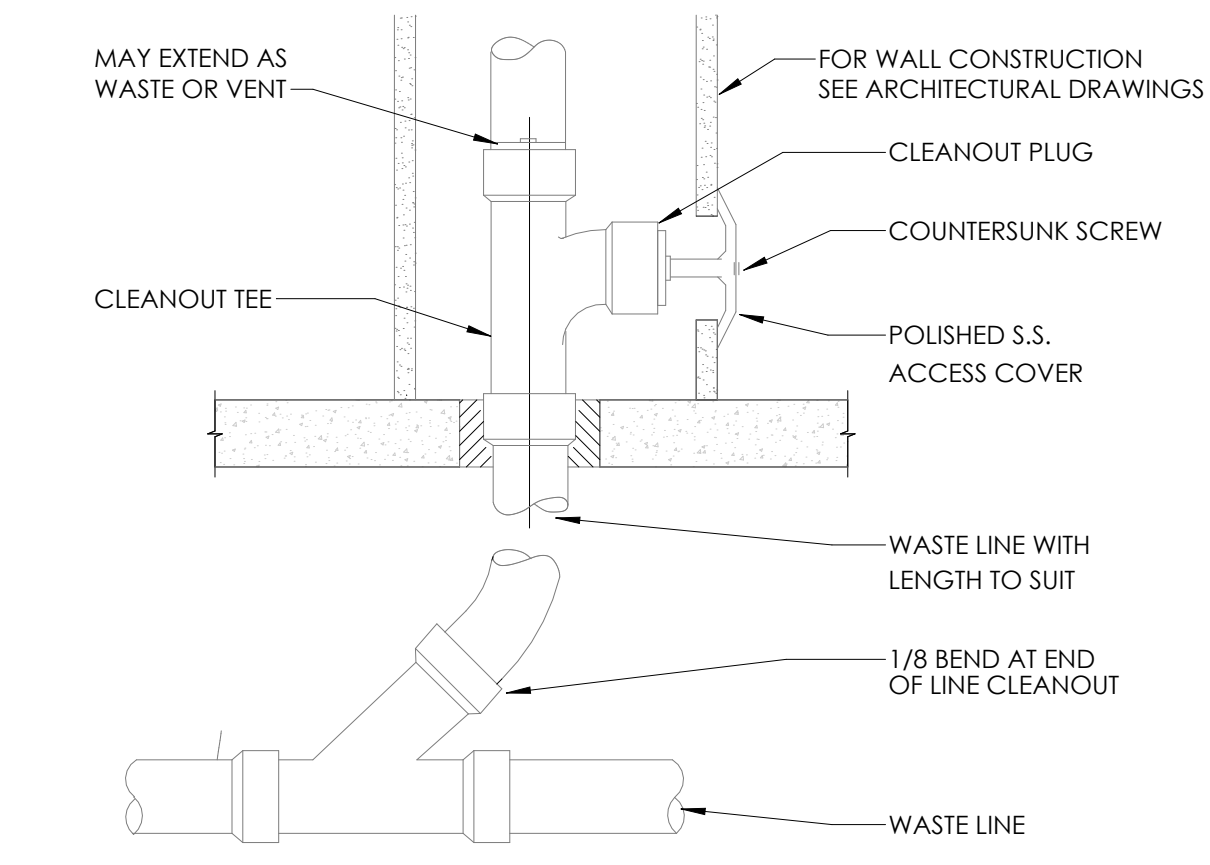
4 GREASER WASTE RISER
N.T.S.

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 RUR98	REU-KBD3237FUDC-US REU-KBP3237FUD-US	
P-7	TEMPERING VALVE	WATTS	N170L-W2		
P-8	FLOOR SINK	JOSAM	49300-49302A AT 3-COMP SINK		
		J.R. SMITH ZURN	3100 D111 AT 3-COMP SINK 21910 (21900 AT 3-COMP SINK)		
P-9	FLOOR DRAIN	JOSAM	30000-50		
		J.R. SMITH ZURN	2010-AP 2-4158-P		

LEGEND
LEGEND MAY CONTAIN ITEMS NOT USED IN THIS BUILDING. CONTRACTOR TO VERIFY.

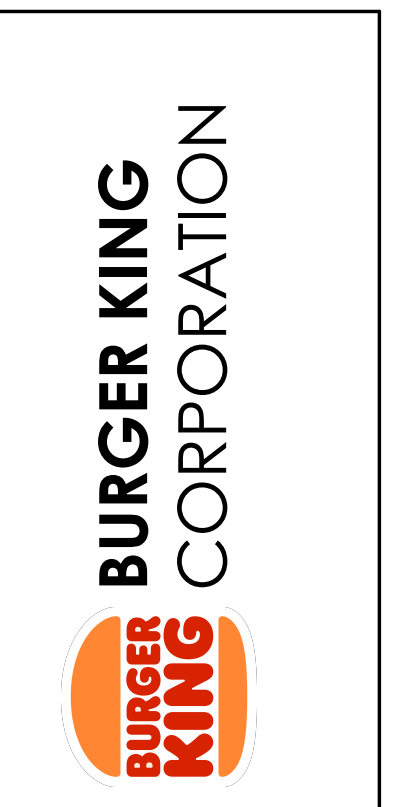
- GW - GREASY WASTE LINE
- SS - SANITARY WASTE LINE
- RAIN - RAIN WATER LINE
- SAFEWASTE PIPING
- F.C.O. - FLOOR CLEANOUT
- F.D. - FLOOR DRAIN
- F.S. - FLOOR SINK
- HUB OR FUNNEL DRAIN
- V.T.R. - VENT THRU-ROOF
- FIXTURE TRAP
- W.C.O. - WALL CLEAN OUT
- VENT PIPING

- NOTES:**
1. 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.
 2. INCREASE V.T.R.'S TO SIZE REQUIRED BY LOCAL CODES AND CONDITIONS AS REQUIRED FOR FROST ENCLOSURE. FLAT VENTS ARE NOT ALLOWED.
 3. RUN SYRUP LINES FROM SODA FACTORY TO DRINK DISPENSER ABOVE CEILING.
 4. CAST IRON PIPE MAY BE USED UNDER SLAB IN LIEU OF PVC ONLY IF REQUIRED BY CODE.
 5. PROVIDE CONDENSATE LINES FROM A/C UNITS ABOVE CEILING ACCORDING TO LOCAL CODE REQUIREMENTS.
 6. RESEAL FLOOR DRAINS ACCORDING TO LOCAL REQUIREMENTS.
 7. SAFEWASTE PIPING ABOVE AND ALONG FLOOR SHALL BE SIZED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS.
 8. COORDINATE SAFEWASTE LINE CONNECTIONS WITH EQUIPMENT ROUGH-IN.
 9. 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.
 10. SEE FOUNDATION PLAN FOR EXACT LOCATION OF FLOOR DRAINS AND FLOOR SINKS.
 11. IF WALK-IN-BOX CONDENSATE LINE IS REQUIRED BY LOCAL CODE, PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL 1 1/4" 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.
 - 12.

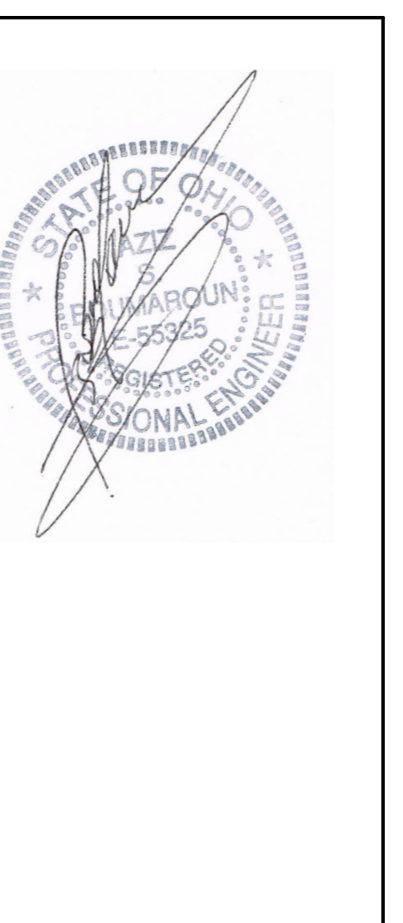


NO.	DATE	BY	FOR
1	10.02.21	BT	FOR PERMITS
2	11.30.21	BT	FOR PLANNING
3			
4			
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10			

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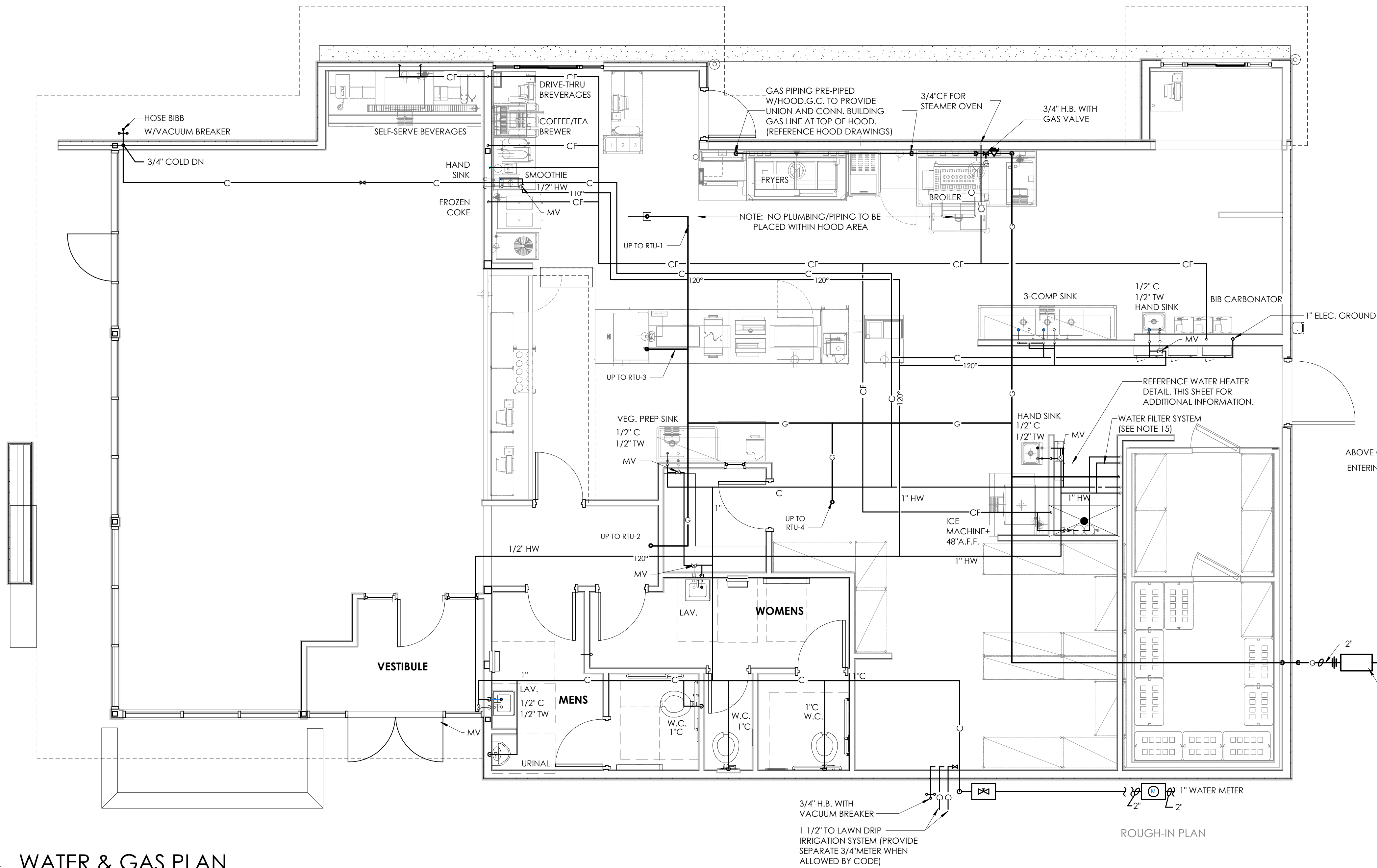
PROJECT
 3330 INDIANOLA AVE.
 COLUMBUS, OH 43214

SHEET TITLE
 SANITARY & GREASE WASTE
 PLAN & RISERS

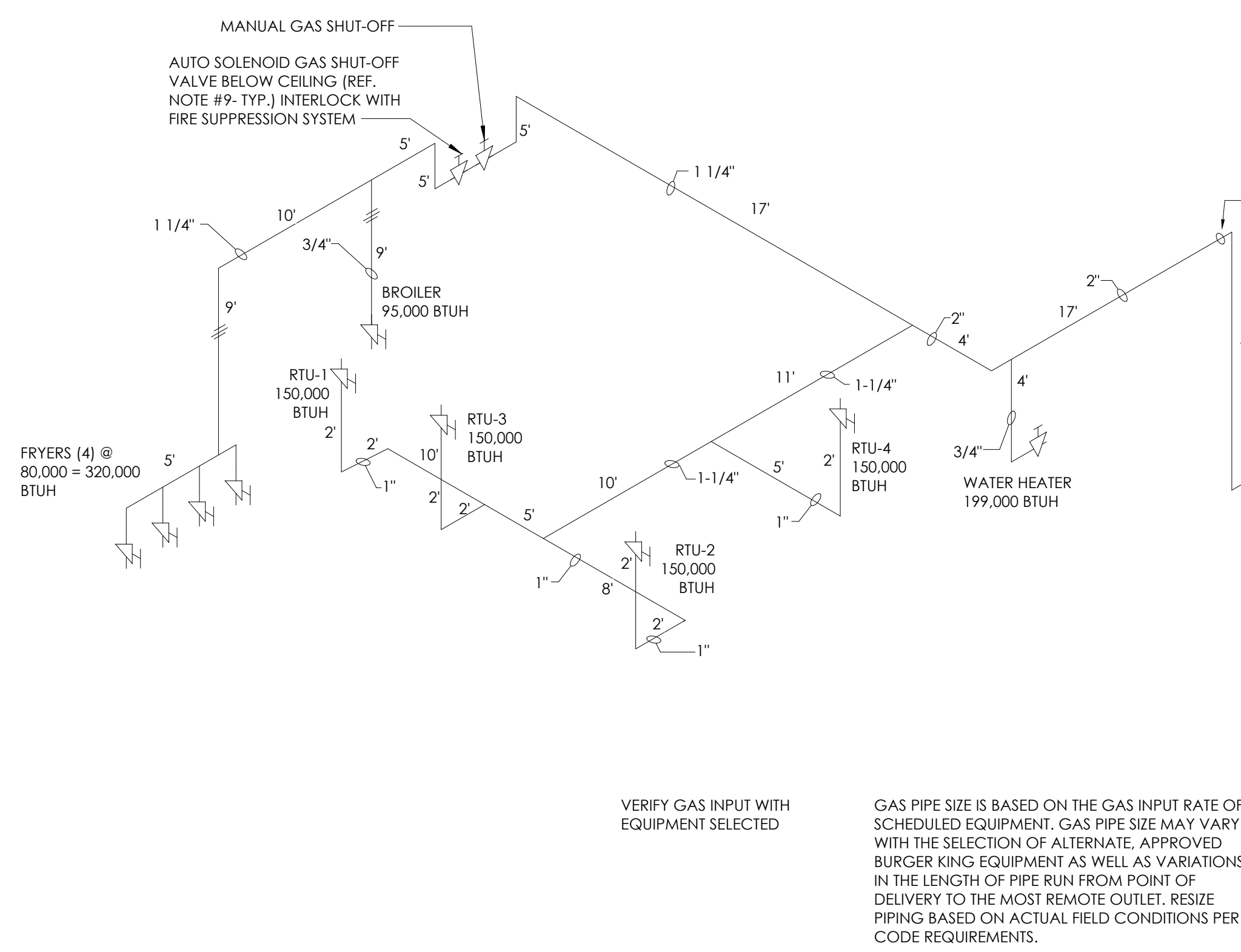
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JOB#
 TG-21666

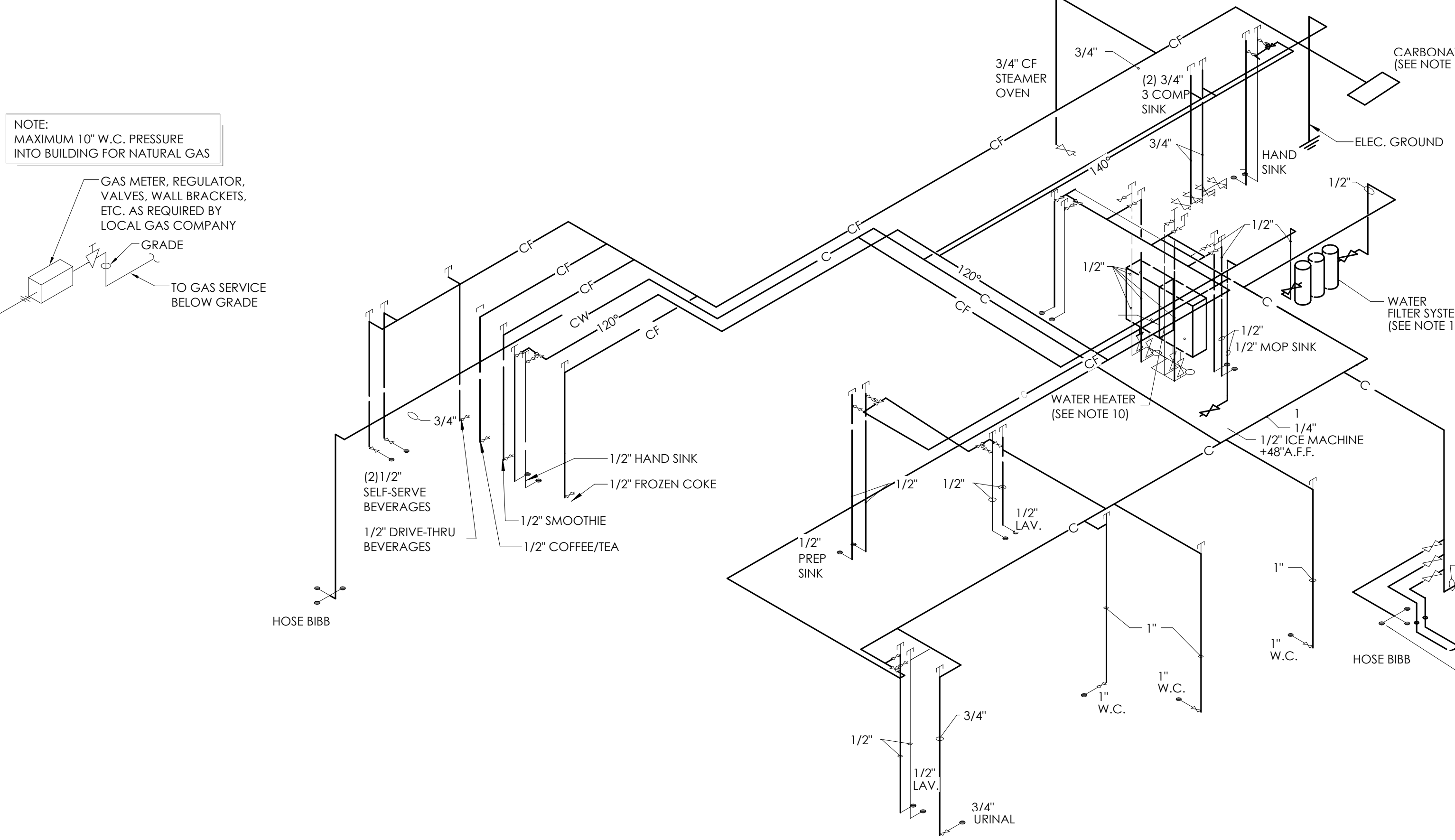
SHEET
P-1



1 WATER & GAS PLAN
1/4" = 1'-0"



2 GAS SUPPLY RISER
1/4" = 1'-0"

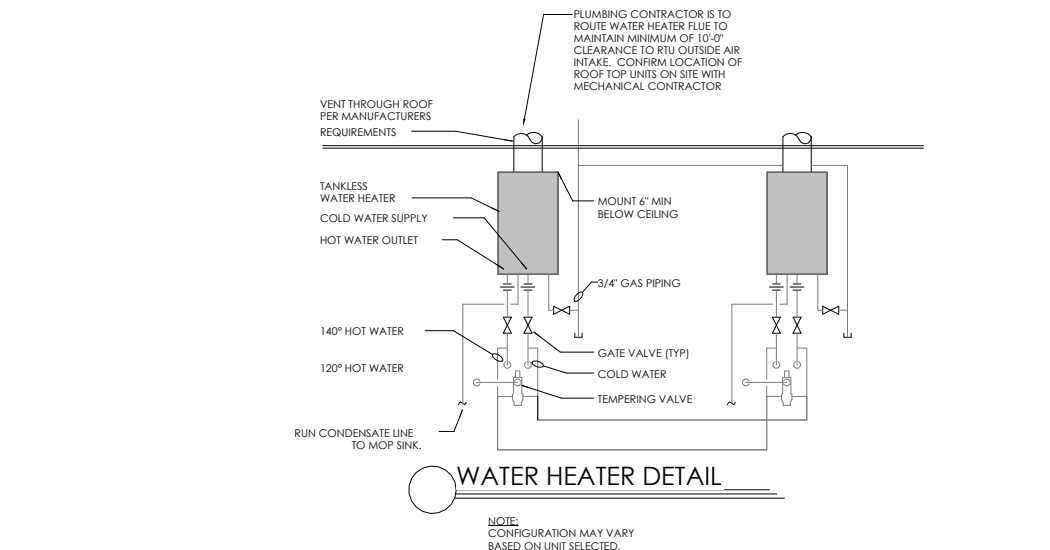


3 WATER RISER DIAGRAM
1/4" = 1'-0"

- 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.I.R.'S TO SIZE REQUIRED BY LOCAL CODES AND CONDITIONS AS REQUIRED FOR FROST EXPOSURE. 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.
 - RESAL FLOOR DRAINS ACCORDING TO LOCAL REQUIREMENTS.
 - SAFETY PIPING ABOVE AND ALONG FLOOR SHALL BE SIZED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS.
 - COORDINATE SAFETY 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 ADD'L 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 1/4" 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.

INSULATION SCHEDULE

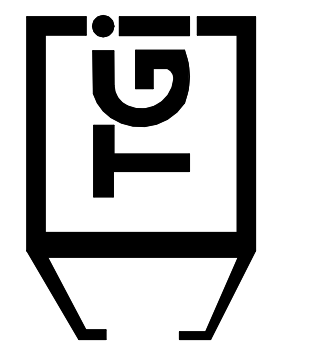
ZONE	PIPE SIZE UNDER 1" DIA.	PIPE SIZE OVER 1" DIA.
A & B	4" THICK	3" THICK
C	3" THICK	2" THICK
D & E	3/4" DIA.	1" THICK



- 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 CATEGORY III 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 180°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.
- INSTALL MIXING VALVES AT ALL FIXTURES SHOWN ON LAYOUT.



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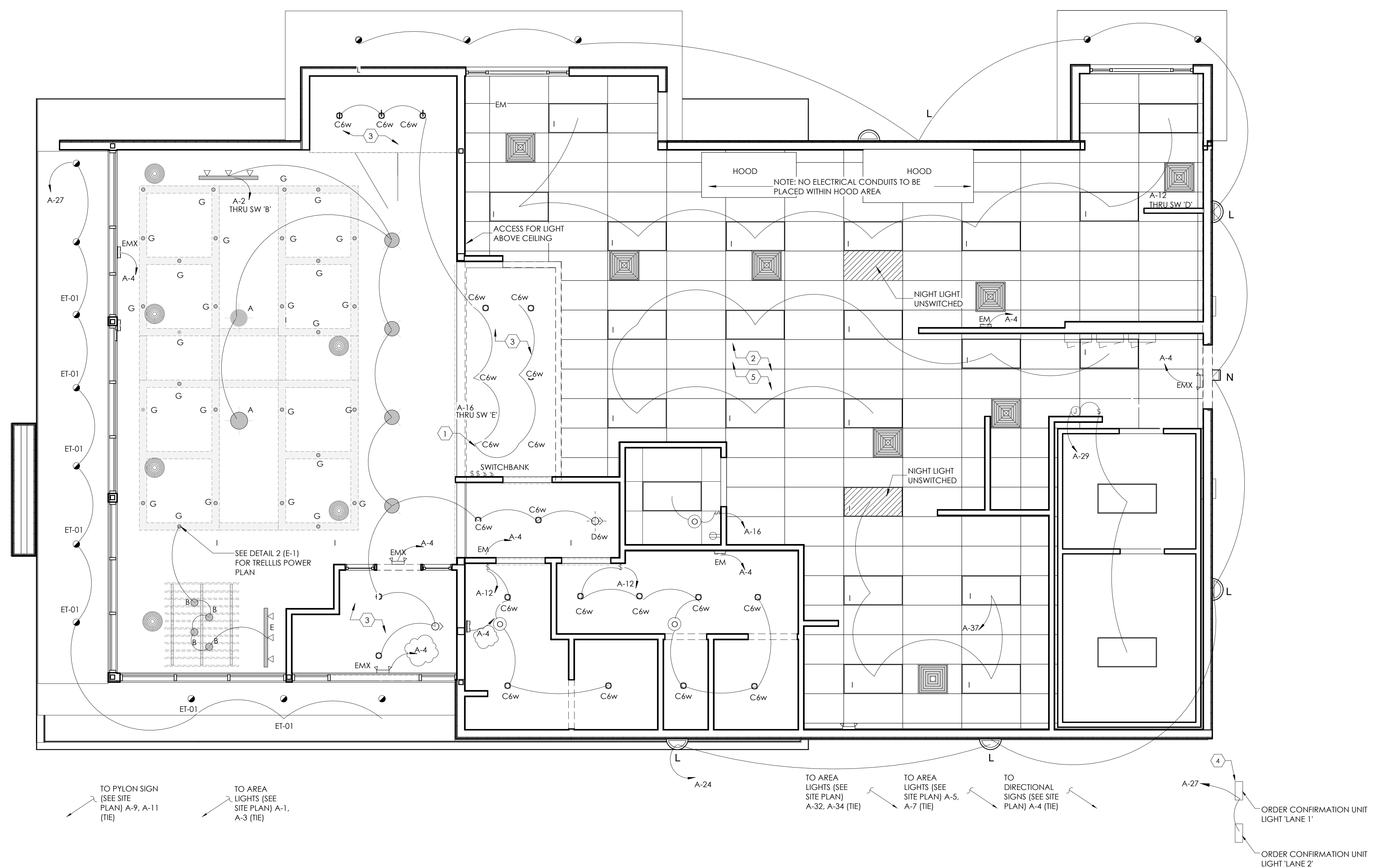
PROJECT
3330 INDIANOLA AVE.
COLUMBUS, OH 43214

SHEET TITLE
WATER & GAS PLAN & RISERS

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DIMENSIONS ONLY

JOB#
TG-21666

SHEET



1 ELECTRICAL PLAN
1/4" = 1'-0"

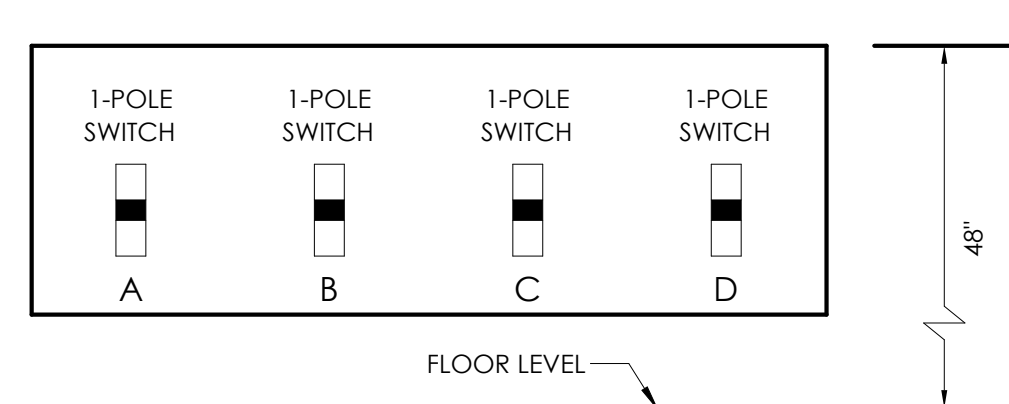
- GENERAL NOTES:**
- REFER TO SHEET E-1.1 FOR LIGHT FIXTURE SPECIFICATIONS.
 - SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION AND MOUNTING HEIGHTS OF LIGHT FIXTURES. COORDINATE FIXTURE LOCATIONS WITH DECOR DRAWINGS.
 - ALL WORK AND MATERIALS SHALL BE BY THE ELECTRICAL CONTRACTOR UNLESS NOTED OTHERWISE.
 - MC CABLE ONLY PERMITTED FOR LIGHT WHIPS. ALL OTHER TO BE EMT 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.
 - WIRE EXT. LIGHTS AND SIGNAGE THROUGH PHOTO CELL. ELECTRICAL CONTRACTOR TO PROVIDE "PARAGON" PHOTOCELL CW 201-00 MOUNTED ON ROOF FACING NORTH.
 - 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.

- LIGHTING FIXTURE NOTES:**
- CONTRACTOR SHALL CHECK AND VERIFY FIXTURE QUANTITY AND MAKE PROPER 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.

- LIGHTING CONTROLS**
- APROVIDE 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.

SYMBOL LEGEND	
SYMBOL	DESCRIPTION
SWITCHES	
§	TOGGLE SWITCH - SINGLE POLE
§ ₃	TOGGLE SWITCH - THREE POLE



2 SWITCH BANK DETAIL
1/4" = 1'-0"

NO.	DATE	BY	REVISION
1	11.03.21	RT	FOR EMPHATL ID CITY
2	11.30.21	RT	FOR PLANNING REVIEW

DRAWN BY: RT
CHECKED: DB
SCALE: AS NOTED
DATE: 09.22.21

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PROJECT 3330 INDIANOLA AVE. COLUMBUS, OH 43214	SHEET TITLE ELECTRICAL LIGHTING PLAN
DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.	
JOB# TG-21666	SHEET E-1

BURGER KING 20/20 GARDEN GRILL INTERIOR LIGHT FIXTURE SCHEDULE							
06.01.21							
STANDARD TRELLIS (6" x 6")							
TYPE		VENDOR	CATALOG No.	New Part Number	WATTAGE	COLOR TEMP	REMARKS
A		NAUTICAL	BK304 & SP305-18-60D-927-03 LED EDISON STYLE 10 WATT		10	2700	SHAKER PENDANT LAMP
A1		NAUTICAL	BK-66-A3 CUSTOM PENDANT LIGHT RED LED CLEAR ANTIQUE STYLE 6 WATT		10	2700K	RED PENDANT LIGHT
A2		NAUTICAL	BK-1T-11				GREEN CAST GUARD WAREHOUSE LIGHT
B		NAUTICAL	BK305 & LED 8W EDISON INCANDESCENT LED CLEAR ANTIQUE STYLE 6 WATT		6	2700K	BRONZE CAGE PENDANT LIGHT
B1		NAUTICAL	BK305 & LED 8W EDISON INCANDESCENT LED CLEAR ANTIQUE STYLE 6 WATT		6	2700K	BRONZE CAGE WALL SCONCE LIGHT
C6w		CREE	LR6-10L-30K-120V-A-R-DRG-12W-GU24	LR6X-10L-30K/RC6-UNI	12.5	3000	6" DIAMETER, WHITE, RECESSED DOWN LIGHT
		SECURITY	SLSD8XQL-LB6LED0A30KWH		14	3000	
		LSI	LCD6 13 LED 30 48 UE TR6RL HAZ WH		13	3000	
		JUNO	SP34505-930-6-WWH		11	3000	
		VAOPTO	VO-DL-6WW20-85E26-110-WHITE		18	3500	
D6w		ENERGYWISE	EWRR6130W-L7		11	3000	6" DIAMETER, WHITE, RECESSED DOWN LIGHT & WALL WASHER
		CREE	LE6C-GU24W-RR6-GU24	CR6T-G-825L-27K-1227/RR6-UNI	12	3000	
		LSI	PDLEKADJ-LED-07-30-120-PDL6KADJHSGNC		14	3000	
		VAOPTO	VO-DL-6MW13-90K90A		13	3000	
		JUNO	SP34506-27K-6WWH		11	3000	
E		ENERGYWISE	EWRR61030W		10	3000	TRACK LIGHT
		JUNO	R600L3KNBZ		10	2700	
F		CREE	SCG-CM-8L-GU24-CR6-800L-30K-120V-GU24CTGA	SC6CMBLUGU24/CR6T-825L-30K/CR6T-TRMBKBB-1			PENDANT LIGHT
		SECURITY	LBC6CM-LB6LED1A030KBL		12	3000	
		ENERGYWISE	EWLBC6BLK			3000	
G		JUNO	SP343788-9-F1-SSN		10	3000	2" DIAMETER DOWN LIGHT, SATIN NICKEL FINISH
		ZANIBONI	D2LUNA20930A3CSNPOBKOP		9	3000	
G1		JUNO	SP34378A-930-F1-SSN		10	3000	2" DIAMETER WALL WASHER, SATIN NICKEL FINISH
		ZANIBONI	D2LUN20930A3CSNPOBKDD		9	3000	
I		CREE	CL-E-TFA0A-24R-40N	C-TR-FP24-50L-340K-WH	42	4000	1. TO BE USED IN KITCHEN 2. 2x4 RECESSED
		SECURITY	LIT24-4D-MLG-FSA12-EU-C388		45	4000	
		LSI	SFP24 LED 50 UE DIM 40		50	4000	
		VAOPTO	VO-PL-2NW4-60		60	4000	
		ENERGYWISE	EWMLFP24EP4841		48	4100	
J		CREE	CL-E-TR14L2404U	C-TR-FP14-37L-40K-WH	42	3500	1. FOR REMODELS ONLY 2. TO BE USED IN RESTROOMS 3. 1x4 RECESSED
		SECURITY	LIT14-35LWG-FSA12-EDU-C388		27	3500	
		LSI	SFP14 LED 40 UE DIM 35 FK14		40	3500	
		VAOPTO	VO-PL-1XW4-50		50	3000	
		ENERGYWISE	EWMLFP14EP3535		35	3500	
PG		CREE	CL-E-TFA0A-24R-40N	C-TR-FP22-31L-40K-WH	32	3500	1. TO BE USED IN PLAYGROUND 2. 2x2 RECESSED
		SECURITY	LIT22-35MLG-FSA12 EU		35	3500	
		LSI	SFP22 LED 30 UE DIM 35 FK22		30	3500	
		VAOPTO	VO-PL-2XW2-36		36	3000	
		ENERGYWISE	EWMLFP22EP3535		36	3500	
EM		CREE	EM22RWH	C-EE-A-EMG-2L-BB-REM-WH	11		EMERGENCY LIGHT
		SECURITY	CU2		1	3000	
		LSI	LTEMWH		(2) 1 LED		
		VAOPTO	VO-EM		2	5000	
		ENERGYWISE	EWCU2		1	3000	
EMX		CREE	EXDMBRWH	C-EE-A-EX-2LDF-RED-BB	11		EXIT / EMERGENCY LIGHT
		SECURITY	CCRC		4		
		LSI	LPRXRUIWBWHLD11R		(2) 1 LED		
		VAOPTO	VO-EMX-R1		2	5000	
		ENERGYWISE	EWCCR		4	3000	
T		TOOSHLIGHTS	MASTER FORMAT 26 55 10 Light: Full color, RGB LEDs Power: Power Over Ethernet (POE), Low Voltage DC. Use CAT 5 or CAT 6, shielded cable.				RESTROOM WALL MOUNTED OCCUPANCY INDICATOR LIGHT
WIB		CREE	WS4-50L-57K-10V-FD	WS4C-60L-LFA-50K-8-JUL	55	5300	TO BE USED IN WALK IN BOX ONLY
		SECURITY	LXEM4-50ML-RFA-EU		53	5000	
		LSI	EG345LEDHOCWUE		52	5300	
		VAOPTO	VO-TF-14W		32	5000	
		ENERGYWISE	EWMLLED-15V2XTRUSE4806		36		
O		CREE	LS4-25L-35K-10V		23	3500	PLAYGROUND PENDANT LIGHT
O1		CREE	LS8-80L-35K-10V		88	3500	PLAYGROUND PENDANT LIGHT
CONTACT INFORMATION							
CREE ELVIR SULJIC 262-884-3332 esuljic@creelighting.com		HERMITAGE "MASTER CONSOLIDATOR" WYATT CULVER 615-843-3379 wyatt@hlg.co		ENERGYWISE JENNIFER WADDICK 877-225-1336 jennifer@energywisemail.com		JUNO / ACUTY BRANDS BRETT D KINZLER o 847-813-8350 m 847-312-1578 brett.kinzler@acutibrands.com	
SECURITY LIGHTING WHITNEY WATSON 630-550-9320 quotations@securitylighting.com		NAUTICAL FURNISHINGS MICHAEL HOGELUND 954-771-1100 mhoglund@nauticalfurnishings.com		VAOPTO LINDA KU 702-517-5780 linda@vaopto.com		ZANIBONI LIGHTING JENNIFER MORRIS 727-213-0410 southeastusa@zanibonilighting.com	
LSI BOB LUCAS 800-436-7800 Ext 4052 bob.lucas@lsi-industries.com							
NOTES							
1. NOT ALL LIGHT FIXTURES TYPES SHOWN ON SCHEDULE MAY BE USED ON THIS PROJECT. REFER TO LIGHTING PLAN FOR PROJECT SPECIFIC TYPES AND QUANTITIES. 2. PENDANT FIXTURES "A" MUST BE CENTERED OVER TABLE TOPS. COORDINATE WITH DÉCOR DRAWINGS. 3. EXCEPT FOR DROPPED CEILING OPTION, ALL LIGHT FIXTURES IN DINING ROOM AREA & RESTROOM CORRIDOR ARE TO BE SUPPORTED FROM EXPOSED ROOF TRUSSES. 4. CONTRACTOR TO NOTIFY LIGHTING SUPPLIER OF THE FOLLOWING: FIXTURE TYPES "C" AND "D" WILL BE REQUIRED TO BE LENS AT THE LOCATIONS OVER THE SERVICE AREA AND OVER THE SELF-SERVE DRINK AREA. FIXTURE TYPE "T" WILL REQUIRE A LENS OR TUBE GUARD AT THOSE LOCATIONS.							

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
	RETURN AIR GRILLES
	SUPPLY AIR DIFFUSERS
	EXHAUST FAN GRILLES
	SURFACE MOUNTED EXTERIOR WALL SCONCE SONNEANAN LIGHTING-SNNP202315 11 WATTS
	WALL MOUNTED SECURITY LIGHT
	EMERGENCY LIGHT
	EXIT LIGHT
	GOTHAM EVO 40/20 44R MD LD ANVOLT E21 TRW 4" EVO LED DOWNLIGHT, RECESSED, PAINTED

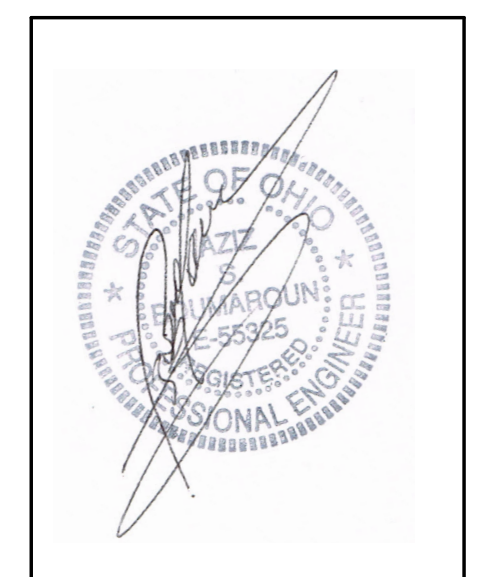
NO.	DATE	BY	FOR
1	11.03.21	BT	FOR BEMFAL IN CITY
2	11.30.21	BT	FOR PLANNING REVIEW
3			
4			
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DRAWN BY: RT
CHECKED: DB
SCALE: AS NOTED
DATE: 09.22.21

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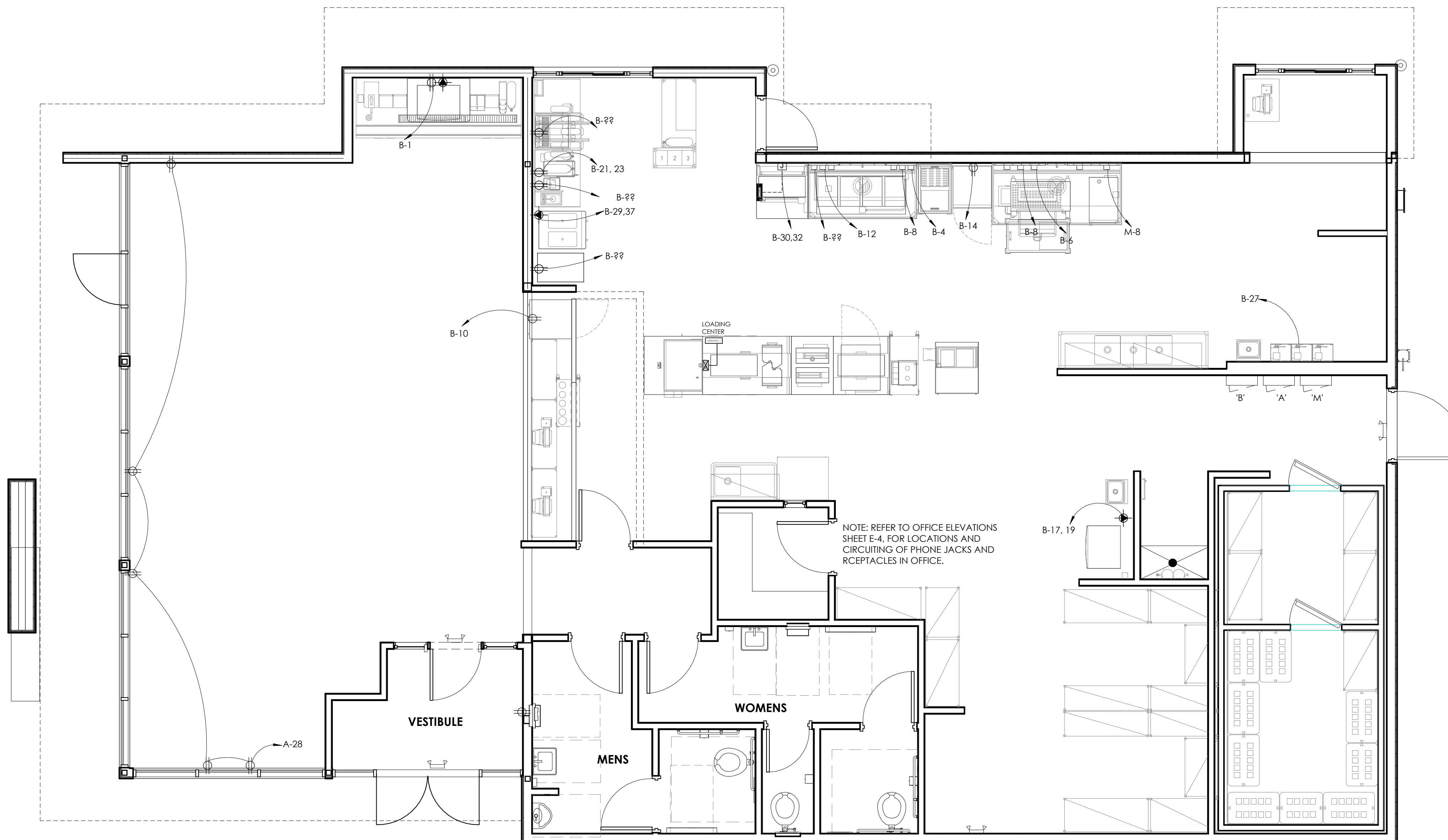
PROJECT
 3330 INDIANOLA AVE.
 COLUMBUS, OH 43214

SHEET TITLE
 LIGHT FIXTURE SCHEDULE

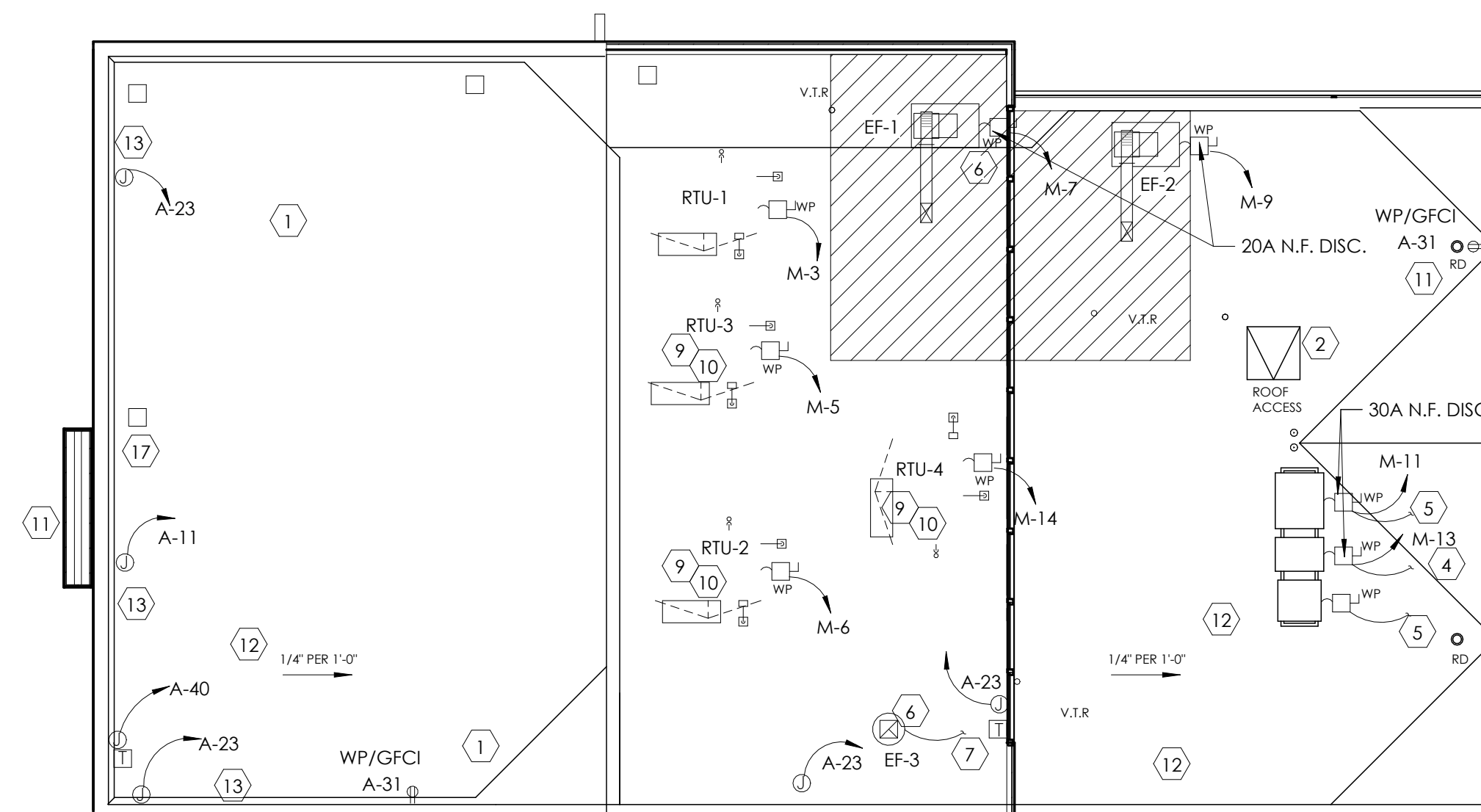
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JOB#
 TG-21666

SHEET
E-1.1



2 POWER PLAN
1/4" = 1'-0"



1 ROOF POWER PLAN
1/8" = 1'-0"

KEYED NOTE- ROOF:

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

DETAIL	DESCRIPTION
⌘	TOGGLE SWITCH - SINGLE POLE HUBBELL #1221-I
⌘	PUSHBUTTON SWITCH
⌘	SINGLE RECEPTACLE HUBBELL #5361-I
⌘	DUPLEX RECEPTACLE HUBBELL #5362-I
⌘	208V RECEPTACLE HUBBELL 208V, 1Ø - #5352
⌘	CAT 6 208V, 3Ø - #8420
⌘	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
GFCI	WIRET CONDUITS BUT NOT INDICATED GROUND FAULT CIRCUIT INTERRUPTING
W.P.	WEATHERPROOF
A.F.F.	ABOVE FINISHED FLOOR.
I.G.	ISOLATED GROUND

KEYED NOTES- PLAN

1. FRYER HOOD: PRE-WIRED (WITH RECEPTACLES BY HOOD MANUFACTURER. ELECTRICAL CONTRACTOR TO MAKE CONNECTION AT JUNCTION BOX AT THE TOP OF THE HOOD.
2. 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.
3. ELECTRICAL CONTRACTOR TO RUN CONDUITS AND WIRE THROUGH THE EQUIPMENT CHASE AND CONNECT TO CIRCUITS PROVIDED IN THE JUNCTION BOX BY EQUIPMENT MANUFACTURER.
4. VERIFY POWER REQUIREMENTS FOR SELECTED WATER HEATER.
5. REAR DOOR ALARM: "MONITOR 4007" BY SECURITY PRODUCTS, INC. OR APPROVED EQUAL. MOUNT SIMPLEX RECEPTACLE FOR POWER SUPPLY 6" ABOVE CEILING.
6. 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.
7. G.C. TO VERIFY ELECTRICAL REQUIREMENTS FOR FIRE SUPPRESSION SYSTEM AND AUTO-SELENOID GAS SHUT-OFF VALVE.
8. RUN 2" CONDUIT TO MANAGERS OFFICE FOR CABLE TV.
9. 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.
10. DIGITAL MENU BOARDS (VERIFY 3 OR 4 BOARD INSTALLATION): PROVIDE (1) DUPLEX RECEPTACLE FOR 120V CIRCUIT AND (1) P-RING FOR DATA CABLE AT EACH MENU BOARD SCREEN. REFER TO DETAIL, SHEET E-4.
11. STAINLESS STEEL SERVICE CHASE TO CEILING FURNISHED BY THE EQUIPMENT MANUFACTURER.
12. CONTRACTOR SHALL OBTAIN WIRING DIAGRAM FROM THE WALK-IN BOX MANUFACTURER AND INSTALL AS DIRECTED.
13. CONTRACTOR SHALL COORDINATE EQUIPMENT INSTALLATION WITH THE EQUIPMENT MANUFACTURER'S INSTALLATION PERSONNEL.
14. PRE-WIRED BRANCH CIRCUITS DISCONNECTED FOR SHIPMENT TO BE RE-CONNECTED BY GC PER MANUFACTURER'S INSTALLATION SPECIFICATIONS.
15. ELECTRICAL CONTRACTOR TO PROVIDE CORD AND PLUG AND WIRE TO BROILER BASED ON EQUIPMENT SELECTED.
16. CONTRACTOR SHALL COORDINATE CONDUIT RUN BETWEEN FREEZER/COOLER EVAPORATORS AND ROOF-TOP REFRIGERATION UNIT WITH THE MANUFACTURER'S FURNISHED WIRING HARNESS.
17. 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.
18. SMOKE DETECTOR ALARM PANEL: REFER TO SHEET M-1 FOR LOCATION OF A/C UNITS SMOKE DETECTORS.
19. (3) 1"Ø CONDUIT TO BASE OF DRIVE-THROUGH ORDER STATION FOR DRIVE-THROUGH COMMUNICATIONS SYSTEM, SOUND, DATA AND POWER.
20. 6" BELOW CEILING FOR CONDENSATE DRAIN LINE TAPE HEATER.
21. TO MASTER RELAY PANEL. REFER TO SHEET E-5.
22. MANUAL ON-OFF CONTROL PANEL. REFER TO SHEET E-5.
23. MASTER CONTACTOR PANEL. REFER TO SHEET E-5 AND NOTE #23, BELOW.
24. 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.
25. 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.
26. PROVIDE VISUAL STROBE ALARM MOUNTED AT 8' A.F.F. TIE TO H.V.A.C. SMOKE ALARM SYSTEM.
27. PROVIDE OUTLETS IN FLOOR FOR TABLES. VERIFY WITH DECOR DRAWINGS.
28. PROVIDE POWER FOR INTERIOR SIGNAGE. VERIFY WITH DECOR DRAWINGS.
29. PROVIDE GENERAL USB OUTLETS IN DINING ROOM.
30. PROVIDE OUTLETS IN CEILING NO MORE THAN 12" OC AT STOREFRONTS AS PER CODE.

ELECTRICAL CONTRACTOR (EC) - GENERAL NOTES:

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

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

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

ELECTRICAL CONTRACTOR (EC) - KITCHEN EQUIPMENT:

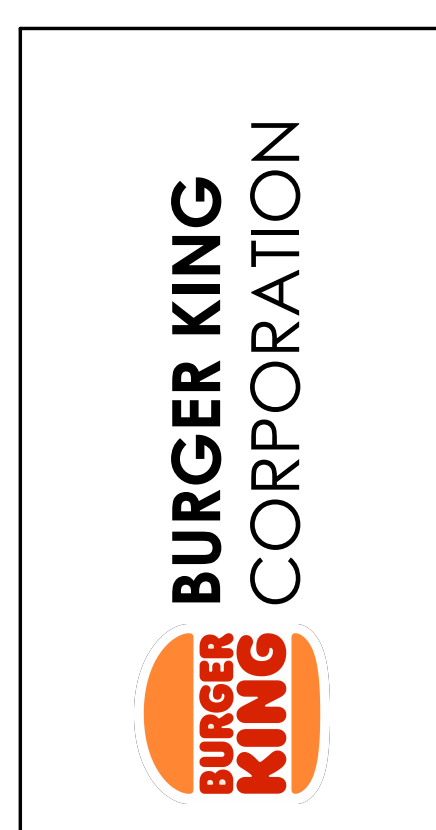
- A. EC TO PROVIDE AND INSTALL RECEPTACLES, CAPS AND CORDS AS REQUIRED. CAPS AND CORDS ARE TO BE INSTALLED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
- B. EC TO CONNECT ELECTRICAL SERVICE DIRECTLY TO EQUIPMENT ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
- C. EC TO RECONNECT ELECTRICAL CIRCUITS ON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

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

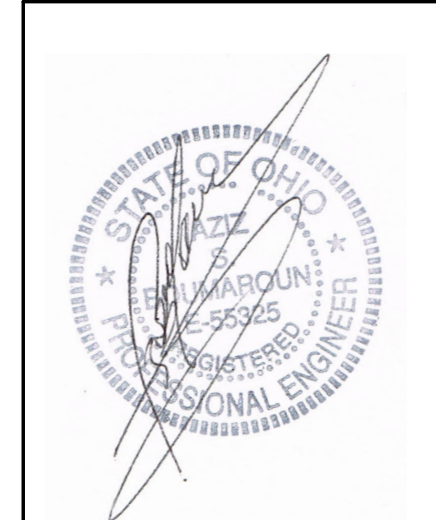
- A. EC TO PROVIDE AND INSTALL A HEATING ELEMENT ON THE COOLER AND FREEZER CONDENSATE DRAIN LINES.
- B. EC TO CONNECT THE PRIMARY ELECTRICAL SERVICE TO THE CONDENSING UNITS AND INTER-WIRE TO THE EVAPORATOR COIL(S), CONTROLS, LIGHTING FIXTURES AND DOOR PERIMETER HEATERS.

NO.	DATE	BY	FOR
1	10.02.21	BT	FOR EMPHATIC EC CITY
2	11.30.21	BT	FOR PLANNING PERIOD
3	11.30.21	BT	

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DATE: 09.22.21



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PROJECT
3330 INDIANOLA AVE.
COLUMBUS, OH 43214

SHEET TITLE
ELECTRICAL POWER PLAN

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JOB#
TG-21666

SHEET
E-2

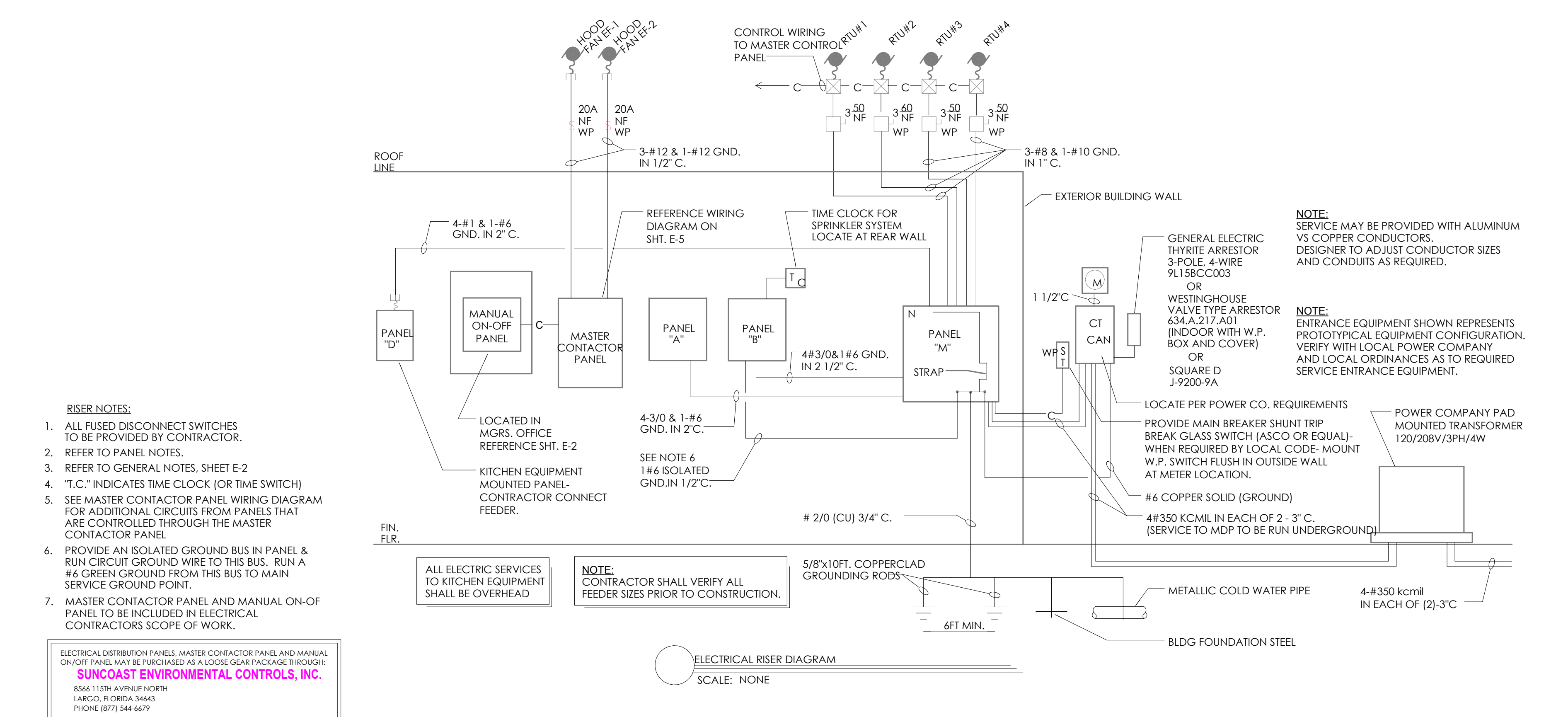
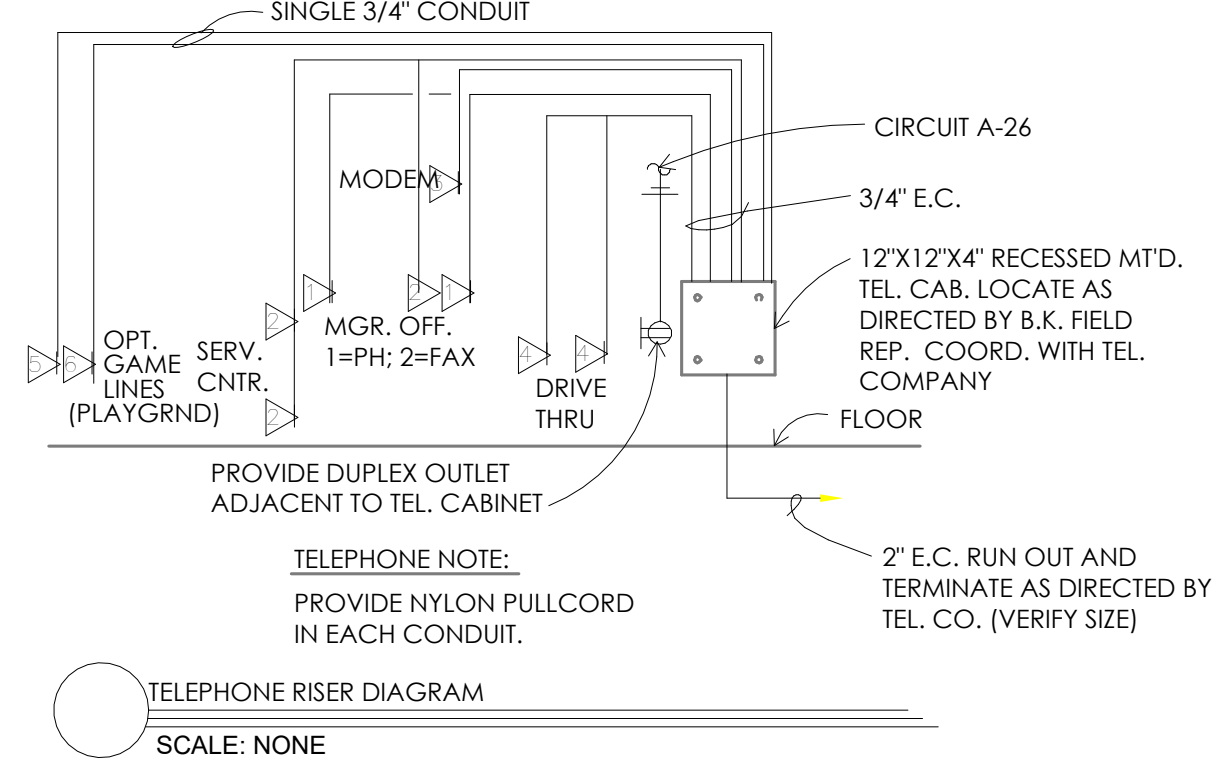
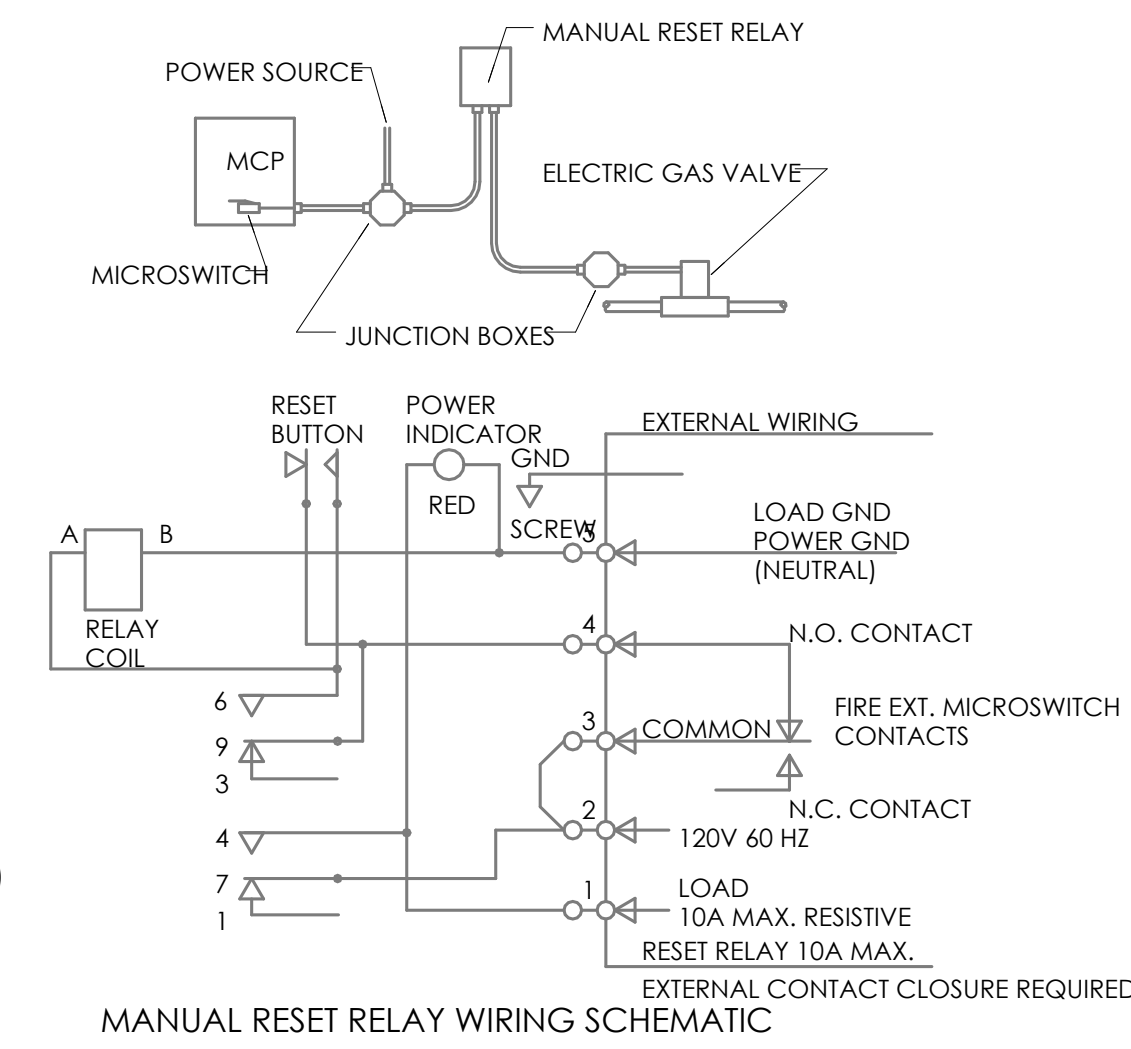
ELECTRICAL PANEL SCHEDULE											
PANEL: A		SERVICE: 120/208V, 3P, 4W + GND		FEEDERS: SEE ONE LINE DIAGRAM							
PANEL TYPE: SQ-D "NQOD" OR EQUAL		BUS RATING: 200 A M.L.O.		MOUNTING: NEMA-1 RECESSED							
LOAD DESCRIPTION	NOTE	LOAD VOLT-AMP	WIRE	CB/P	A B C	CB/P	WIRE	LOAD VOLT-AMP	NOTE	LOAD DESCRIPTION	
AREA LIGHTS	**	1080	10	20/2	1	2	20/1	12		DINING RM. LIGHTS	
AREA LIGHTS	**	1080	10	20/2	5	6	20/1	12		DINING RM. LIGHTS	
AREA LIGHTS	**	1080	10	20/2	7	8	20/1	12		KITCHEN AREA LIGHTS	
PYLON SIGNS *	**	1200	12	20/1	9	10	20/1	12		DIGITAL MENU BOARD #94A	
SECONDARY PYLON SIGN	**	1200	12	20/1	11	12	20/1	12		RESTROOM LIGHTS/EF-2	
DRIVE THRU MENU SIGNS	**	720	12	20/1	13	14	20/1	12		DIRECTIONAL SIGNS	
RESTROOM DUCT HEATER	***	1500	12	20/2	15	16	20/1	12		KITCHEN/SERVICE/OFFICE LIGHTS	
CHANNEL LETTERS / LOGO	**	1500	12	20/1	17	18	20/1	12		SMOKE DETECTOR ALARM PANEL	
PARAPET LIGHT BAND	**	1200	12	20/1	19	20	20/1	12		SPARE	
CHANNEL LETTERS / LOGO	**	240	10	20/1	21	22	20/1	12		RELAY PANEL	
SPARE	**	1200	12	20/1	23	24	20/1	12		EXTERIOR BUILDING LIGHTS **	
EXTERIOR BUILDING LIGHTS	**	1475	12	20/1	27	28	20/1	12		TELEPHONE REC.	
COOL/FRZR LIGHTS/DOOR HTR/HE.	**	400	12	20/1	29	30	20/1	12		DINING RECEPTACLE	
ROOF/EXTERIOR RECEPTACLES	**	720	12	20/1	31	32	20/2			KITCHEN RECEPTACLES	
SERVICE COUNTER/CORRIDOR	**	360	12	20/1	33	34				AREA LIGHTS **	
DJT SPEED SERVICE #POC CAMERA	**	540	12	20/1	35	36	20/1	12		OFFICE RECEPTACLES	
KITCHEN AREA LIGHTS	**	400	12	20/1	37	38	20/2	12		AREA LIGHTS **	
CREW/STORAGE RECEPTACLES	**	540	12	20/1	39	40				AREA LIGHTS **	
CHANNEL LETTERS / LOGO	**	1200	12	20/1	41	42	20/1	12		SAFE #70	
TOTAL CONNECTED LOAD:		37,095 VA		PHASE 'A': 10950 VA		PHASE 'B': 13835 VA		PHASE 'C': 12310 VA		NOTES: (TC) = WIRE THROUGH CONTACTOR. (HACR) = HACR TYPE BREAKER. (LO) = LOCKED BREAKER. (GFCI) = GROUND FAULT CIRCUIT INTERRUPTOR. (IG) = WIRE SEPARATE TO ISOLATED GROUND BUS.	
TOTAL CONNECTED AMPS:		103 AMP									

ELECTRICAL PANEL SCHEDULE											
PANEL: B		SERVICE: 120/208V, 3P, 4W + GND		FEEDERS: SEE ONE LINE DIAGRAM							
PANEL TYPE: SQ-D "NQOD" OR EQUAL		BUS RATING: 200 AMP MLO		MOUNTING: NEMA-1 RECESSED							
LOAD DESCRIPTION	NOTE	LOAD VOLT-AMP	WIRE	CB/P	A B C	CB/P	WIRE	LOAD VOLT-AMP	NOTE	LOAD DESCRIPTION	
SELF-SERVE DRINK DISPENSER #10.01		600	12	20/1	1	2	20/1	12		SPARE	
P.O.S. RECEPTACLES	IG/LO	1320	12	20/1	3	4	20/1	12		PRODUCT HOLDING FREEZER #32.06	
P.O.S. RECEPTACLES	IG/LO	1320	12	20/1	5	6	20/1	12		BROILER #24	
DRIVE THRU DRINK DISPENSER #11		600	12	20/1	7	8	20/1	12		MEAT FREEZER #25	
REAR DOOR BUZZER		720	12	20/1	9	10	20/1	12		U/C REFRIGERATOR #53.17	
DOOR ALARM		720	12	20/1	11	12	30/1	12		FRY HOLD STATION #30	
WATER HEATER		180	12	20/1	13	14	20/1	12		REACH-IN FREEZER #25.15	
SERVICE CIR/D.T. RECEPT.		576	12	20/1	15	16	20/1			SPARE	
CUBER 16.73		1800	12	20/1	17	18	20/1			SPARE	
CUBER 16.73		1800	12	20/1	19	20	20/2	12		SPARE	
COFFEE/TEA BREWER #17		1820	12	20/2	21	22				SPARE	
SHORTENING STORAGE UNIT #31B		1820	12	23	24	20/1	12	1344		FRYER CONTROLS #31.04 **	
CARBONATOR #11.02		500	12	20/1	25	26	20/1	12		SPARE	
SHAKE/SOFTSERVE #15 (LEFT)		2142	12	20/1	27	28	20/1			SPARE	
SHAKE/SOFTSERVE #15 (LEFT)		1620	12	15/3	31	30	20/2	12		PRODUCT HOLDING UNIT #51	
SHAKE/SOFTSERVE #15 (LEFT)		1620	12	33	34	20/1				SPARE	
SHAKE/SOFTSERVE #15 (LEFT)		1750	12	35	36	20/1				SPARE	
SHAKE/SOFTSERVE #15 (RIGHT)		1750	12	20/3	37	38	20/1			POWER SOAK SOAP DISP. (OPT.) #60A	
SHAKE/SOFTSERVE #15 (RIGHT)		1750	12	39	40					POWER SOAK SINK (OPT.) #60A	
SPARE				20/2	41	42	20/1	12		SPARE	
TOTAL CONNECTED LOAD:		39,018 VA		PHASE 'A': 11860 VA		PHASE 'B': 12814 VA		PHASE 'C': 14344 VA		NOTES: (TC) = WIRE THROUGH CONTACTOR. (HACR) = HACR TYPE BREAKER. (LO) = LOCKED BREAKER. (GFCI) = GROUND FAULT CIRCUIT INTERRUPTOR. (IG) = WIRE SEPARATE TO ISOLATED GROUND BUS.	
TOTAL CONNECTED AMPS:		108 AMP									

ELECTRICAL PANEL SCHEDULE											
PANEL: D		SERVICE: 120/208/240V, 3P, 4W + GND		FEEDERS: SEE ONE LINE DIAGRAM							
PANEL TYPE: SQ-D "NQOD" OR EQUAL		BUS RATING: 150A M.L.O.		MOUNTING: FURNISHED BY EQUIPMENT SUPPLIER							
LOAD DESCRIPTION	NOTE	LOAD VOLT-AMP	WIRE	CB/P	A B C	CB/P	WIRE	LOAD VOLT-AMP	NOTE	LOAD DESCRIPTION	
PHU/MICROWAVE		1920	12	20/2	1	2	20/2	12		PHU/MICROWAVE	
PHU/MICROWAVE		1920	12	3	4	5	20/2	12		PHU/MICROWAVE	
PHU/MICROWAVE		1920	12	20/2	5	6	20/2	12		PHU/MICROWAVE	
PHU/MICROWAVE		1920	12	7	8	9	20/2	12		PHU/MICROWAVE	
CONVEYOR TOASTER		1920	12	20/2	9	10	20/2	12		EGG COOKER	
VERTICAL TOASTER		1920	12	11	12	13	20/2	12		EGG COOKER	
HEATED SURFACES		2880	10	30/2	13	14	20/1	12		VERTICAL TOASTER	
SPACE		240	12	20/1	17	18	30/2	10		SANDWICH STATION	
UTILITY		1920	12	20/1	19	20				VERTICAL TOASTER	
SPACE		1920	12	20/1	21	22	20/1	12		UTILITY	
TOTAL CONNECTED LOAD:		40560 VA		PHASE 'A': 15360 VA		PHASE 'B': 16320 VA		PHASE 'C': 10800 VA		NOTES: (TC) = WIRE THROUGH CONTACTOR. (HACR) = HACR TYPE BREAKER. (LO) = LOCKED BREAKER. (GFCI) = GROUND FAULT CIRCUIT INTERRUPTOR. (IG) = WIRE SEPARATE TO ISOLATED GROUND BUS.	
TOTAL CONNECTED AMPS:		112 AMP									

ELECTRICAL PANEL SCHEDULE											
PANEL: M		SERVICE: 120/208V, 3P, 4W + GND		FEEDERS: SEE ONE LINE DIAGRAM							
PANEL TYPE: SQ-D "L" LINE OR EQUAL		BUS RATING: 600 AMP MCB		MOUNTING: NEMA-1 RECESSED							
LOAD DESCRIPTION	NOTE	LOAD VOLT-AMP	WIRE	CB/P	A B C	CB/P	WIRE	LOAD VOLT-AMP	NOTE	LOAD DESCRIPTION	
AREA LIGHTS	**	10950	3/0	200/3	1	2	200/3	3/0		PANEL B	
AREA LIGHTS	**	13835								PANEL D	
AREA LIGHTS	**	12310								PANEL D	
RTU-1		3140	#8	60/3	3	4	50/3	1/0		PANEL D	
RTU-3		3140	#8	50/3	5	6	50/3	#8		HACR	
EF-1 #23A		3140	#8	50/3	5	6	50/3	#8		HACR	
EF-2 #33A		350	#12	20/2	7	8	20/3	#12		700	
WALK-IN BOX COOLER CONDENSER #40		465	#12	20/2	11	12	30/2	#10		1700	
WALK-IN BOX FREEZER CONDENSER #40		3024	#10	30/3	13	14	50/3	#8		3140	
TOTAL CONNECTED LOAD:		173,175 VA		PHASE 'A': 57319 VA		PHASE 'B': 62118 VA		PHASE 'C': 53738 VA		NOTES: (TC) = WIRE THROUGH CONTACTOR. (HACR) = HACR TYPE BREAKER. (LO) = LOCKED BREAKER. (GFCI) = GROUND FAULT CIRCUIT INTERRUPTOR. (IG) = WIRE SEPARATE TO ISOLATED GROUND BUS.	
TOTAL CONNECTED AMPS:		481 AMPS									

LOAD SUMMARY
 KITCHEN LOADS
 A 0
 B 18610
 D 40560
 M 15502
 TOTAL 74672 X 65% = 48537
 LIGHTING LOADS
 A 14405
 B 0
 D 0
 M 0
 TOTAL 14405 X 125% = 18006
 REMAINING LOADS
 A 22690
 B 20408
 D 0
 M 39077
 TOTAL 82175 X 100% = 82175
 TOTAL ADJUSTED LOAD = 148718 (413A)



RISER NOTES:

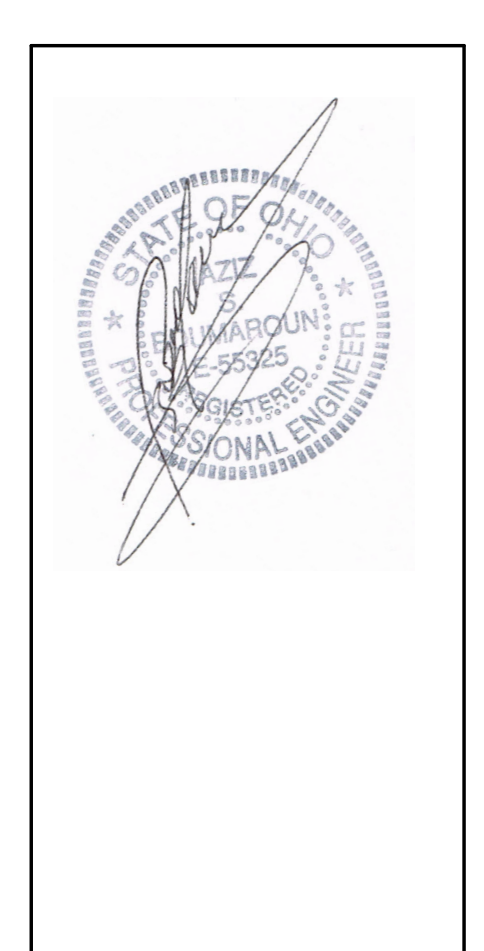
- ALL FUSED DISCONNECT SWITCHES TO BE PROVIDED BY CONTRACTOR.
- REFER TO PANEL NOTES.
- REFER TO GENERAL NOTES, SHEET E-2
- "T.C." INDICATES TIME CLOCK (OR TIME SWITCH)
- SEE MASTER CONTACTOR PANEL WIRING DIAGRAM FOR ADDITIONAL CIRCUITS FROM PANELS THAT ARE CONTROLLED THROUGH THE MASTER CONTACTOR PANEL
- 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 34645
 PHONE (877) 544-6679

NO.	DATE	BY	REVISION
1	11.20.21	BT	FOR PERMITS
2	11.22.21	BT	FOR PLANNING
3	11.22.21	BT	FOR PLANNING

DRAWN BY: RT
 CHECKED: DB
 SCALE: AS NOTED
 DATE: 09.22.21

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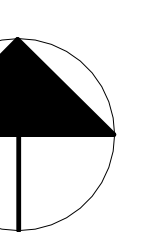
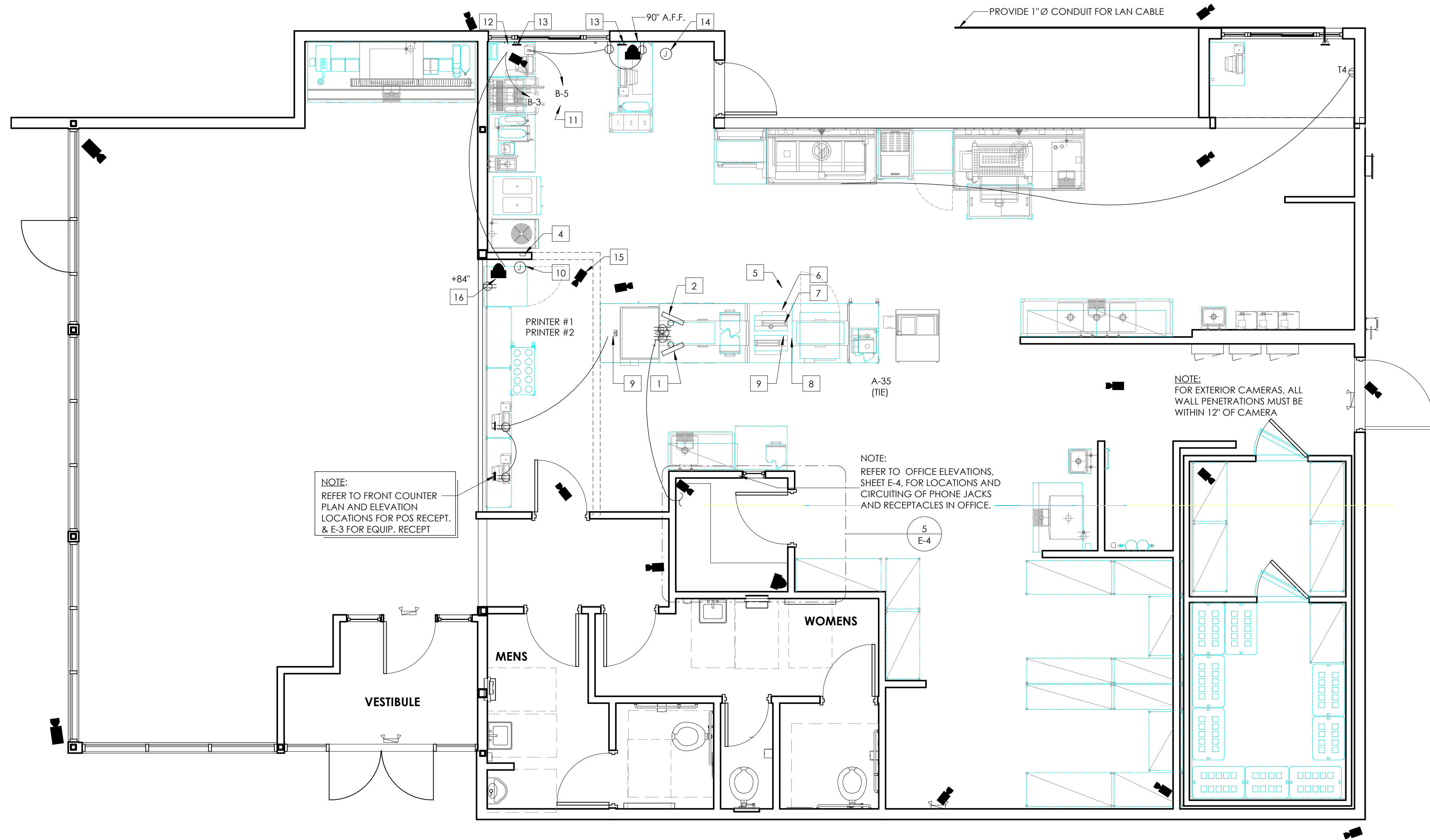
PROJECT
 3330 INDIANOLA AVE.
 COLUMBUS, OH 43214

SHEET TITLE
 ELECTRICAL PANELS & RISERS

DO NOT SCALE THIS
 PRINT. USE FIGURED
 DIMENSIONS ONLY

JOB#
 TG-21666

SHEET
E-3



- GENERAL NOTES**
- 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.
 - CONTRACTOR TO PROVIDE ALL RECEPTACLE OUTLES, CONDUITS AND J-BOXES AS INDICATED ON PLAN.
 - CONTRACTOR TO VERIFY AND COORDINATE LOCATION OF VIDEO DISPLAY DEVICES W/ BURGER KING REPRESENTATIVE.
 - MAINTAIN P.O.S. CABLES A MIN. OF 12" AWAY FROM ANY FLUORESCENT LIGHT SOURCES ABOVE CEILING.
 - ELECTRICAL CONTRACTOR TO IDENTIFY P.O.S. JUNCTION BOXES ABOVE CEILING "GROUND P.O.S. ONLY"

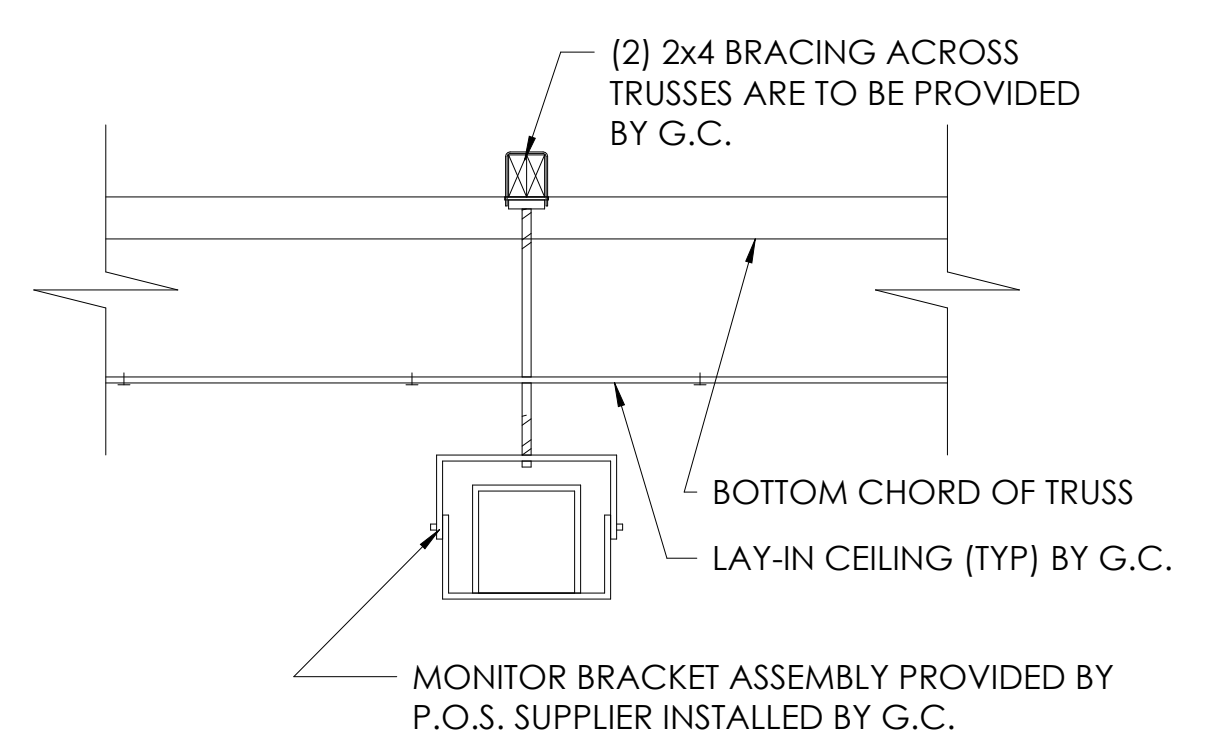
- KEYED PLAN NOTES**
- DISPLAY #1 AND BUMP BAR. PROVIDE 4" Ø CONDUIT FOR VIDEO, BUMP BAR AND PRINTERS. PROVIDE CEILING MOUNTED RECEPTABLES. (TYPICAL FOR DISPLAY #1, #2 AND #3)
 - DISPLAY #2 BUMP BAR
 - DISPLAY #3 BUMP BAR
 - STOCK LEVEL LIGHT CONTROLLER @ 60" A.F.F.
 - TOTAL SERVICE TIME DISPLAY
 - GRADE DISPLAY
 - CLOCK. RECEPT. IN CHASE
 - STOCK LEVEL DISPLAY RECEPT. IN CHASE
 - EQUIPMENT MOUNTED RECEPTABLES BY K.E.S. CIRCUITING RUNS BY E.C.
 - J-BOX W/ 3/4" CONDUIT @ 84" A.F.F.
 - CEILING MOUNTED D/T TIMER WINDOW TIME DISPLAY
 - 90" A.F.F. FOR D/T LAND MONITOR.
 - P-RING @ 24" A.F.F. W/ 1" CONDUIT TO ABOVE CLG.
 - J-BOX W/ 1" CONDUIT TO CLG. FOR PHU DATA CABLE. (LOCATE NEXT TO PHU RECEPT.)
 - SECURITY CAMERA (TYPICAL)
 - SECURITY MONITOR (TYPICAL)

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 36" 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 SATTLER, 954-581-1756
	SECURITY MONITOR BY "PRIVID-EYE" PROVIDE DUPLEX RECEPTACLE @ 84" A.F.F. (VERIFY) CONNECT TO P.O.S. CIRCUIT

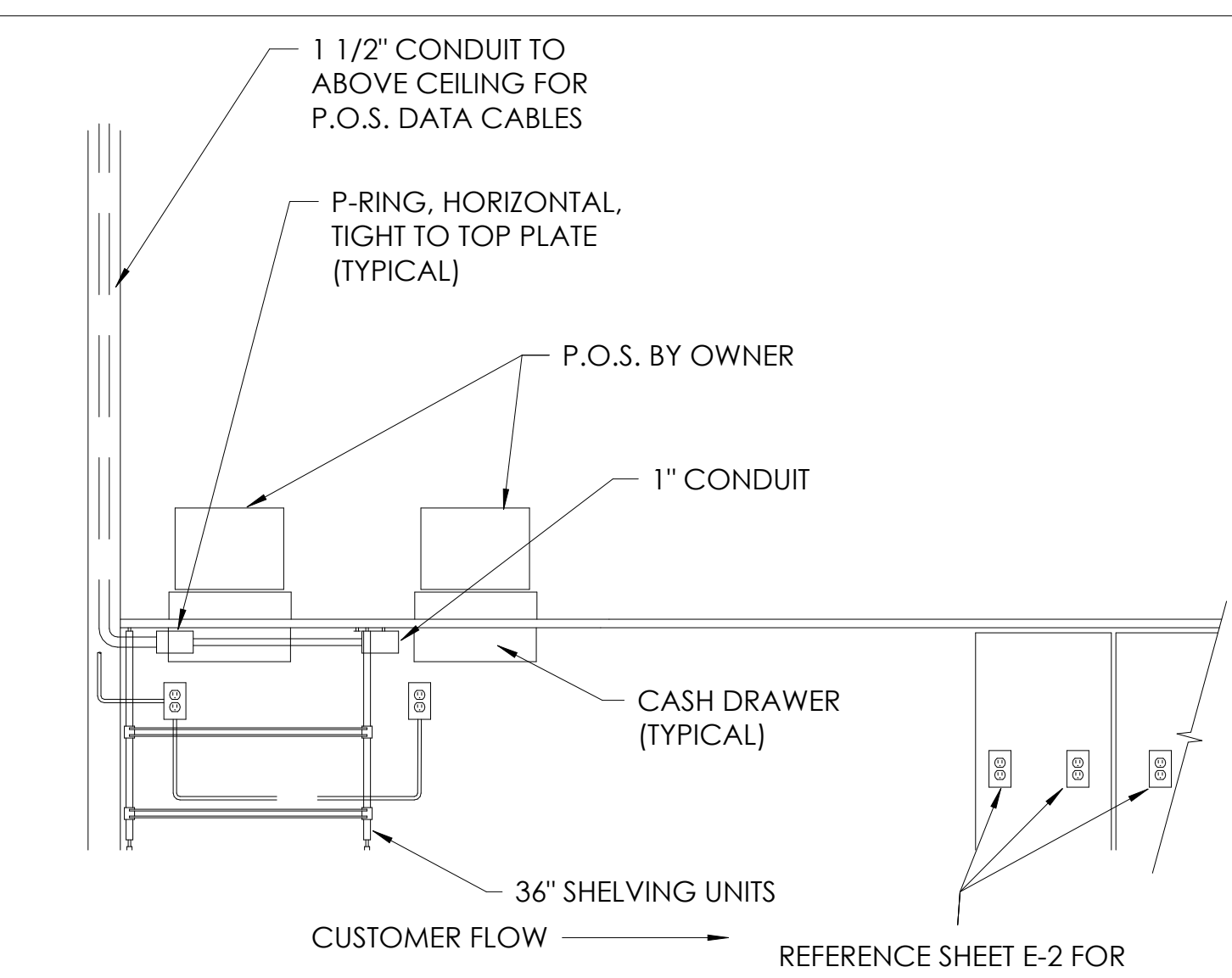
1 TECHNOLOGY PLAN
1/4" = 1'-0"

TECHNOLOGY PLAN NOTES:

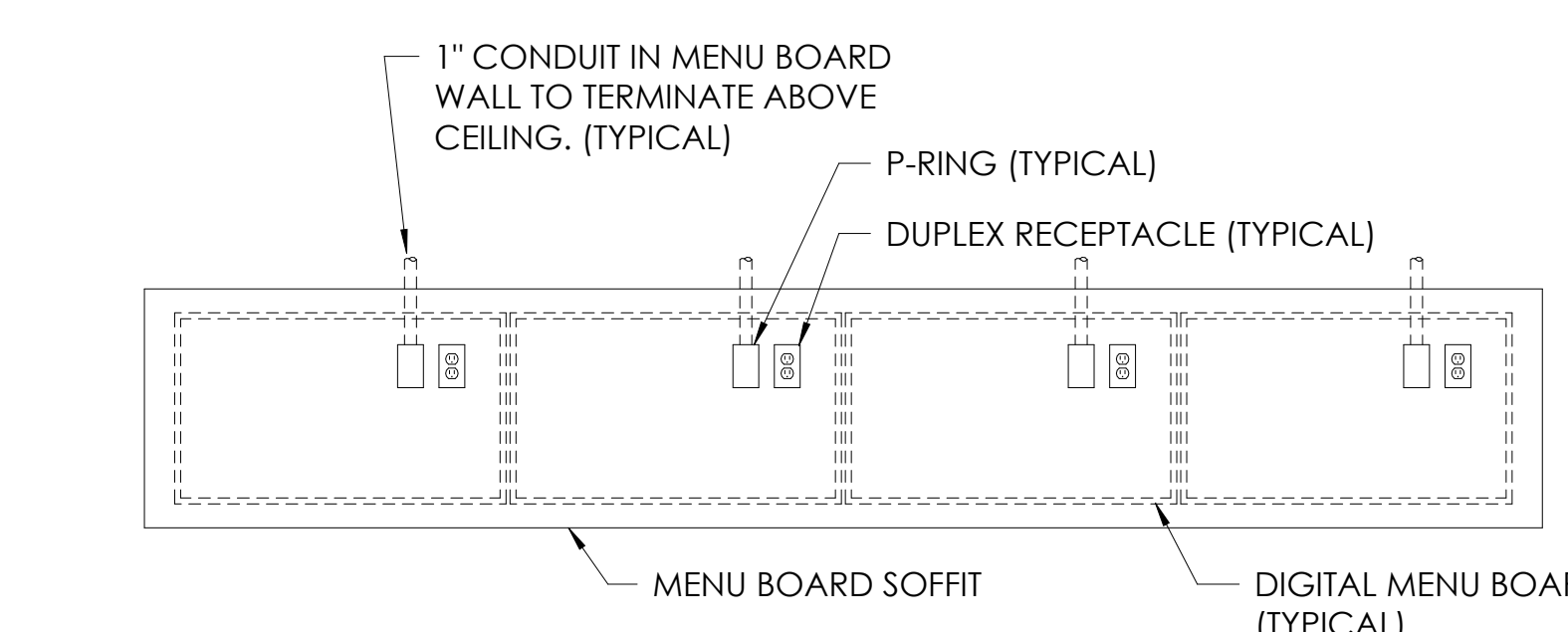
- ALL DATA-4 CAT6
- ALL CAMERAS-2 CAT 6 (GREEN)
- ALL MONITORS-2 CAT6 (BLUE)



2 MONITOR HANGER DETAIL
1/4" = 1'-0"

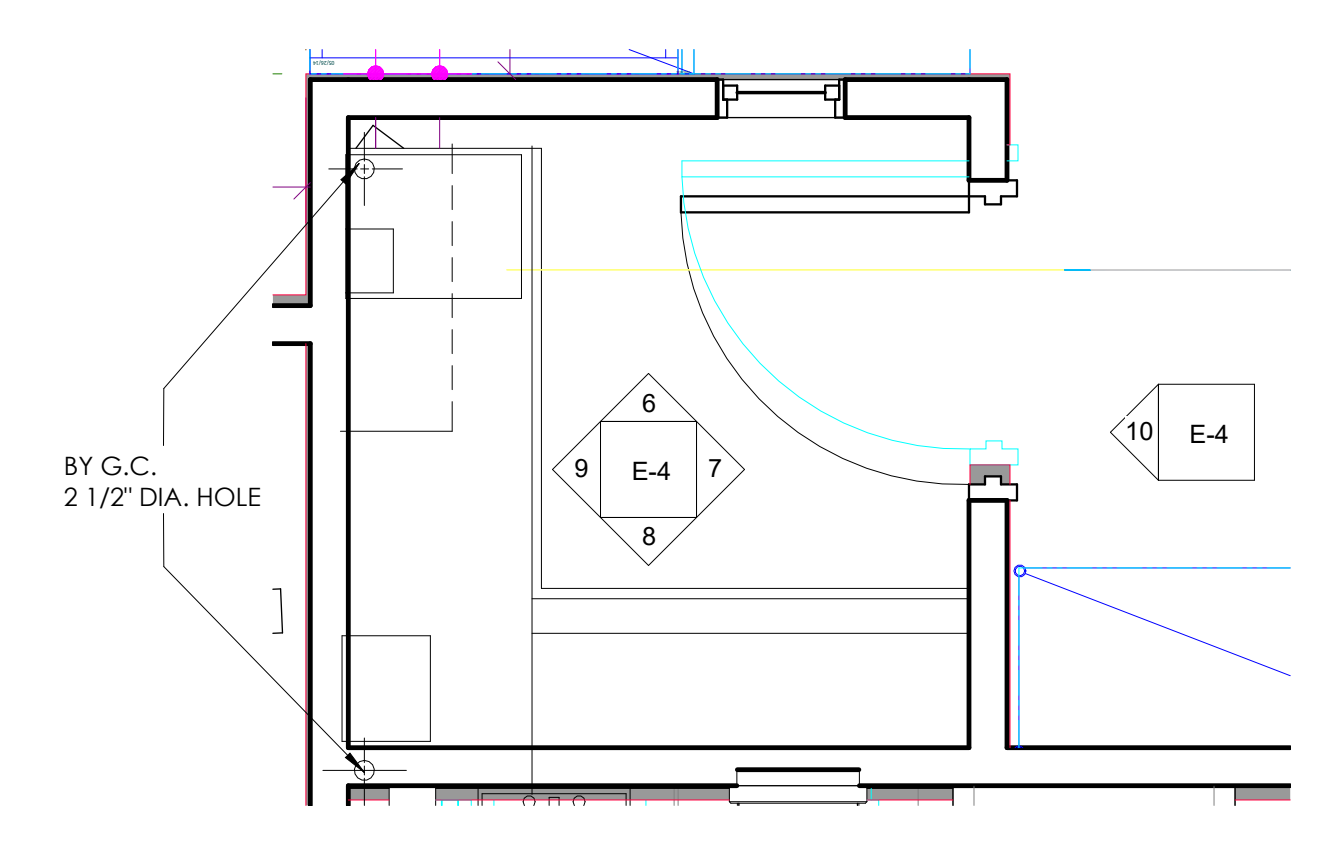


3 SERVICE COUNTER
1/4" = 1'-0"

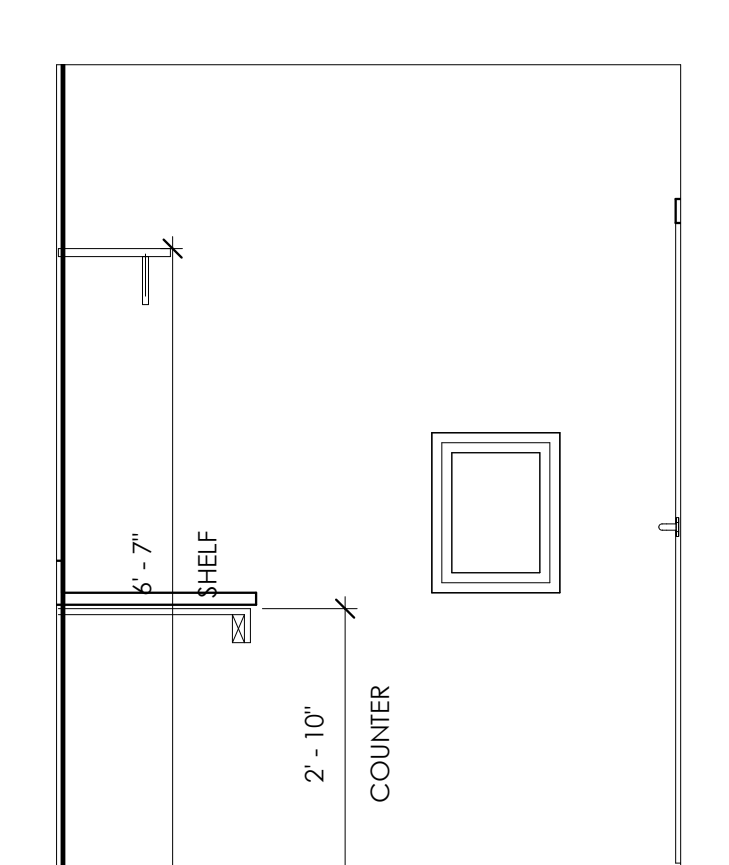


4 DIGITAL MENU BOARD
1/4" = 1'-0"

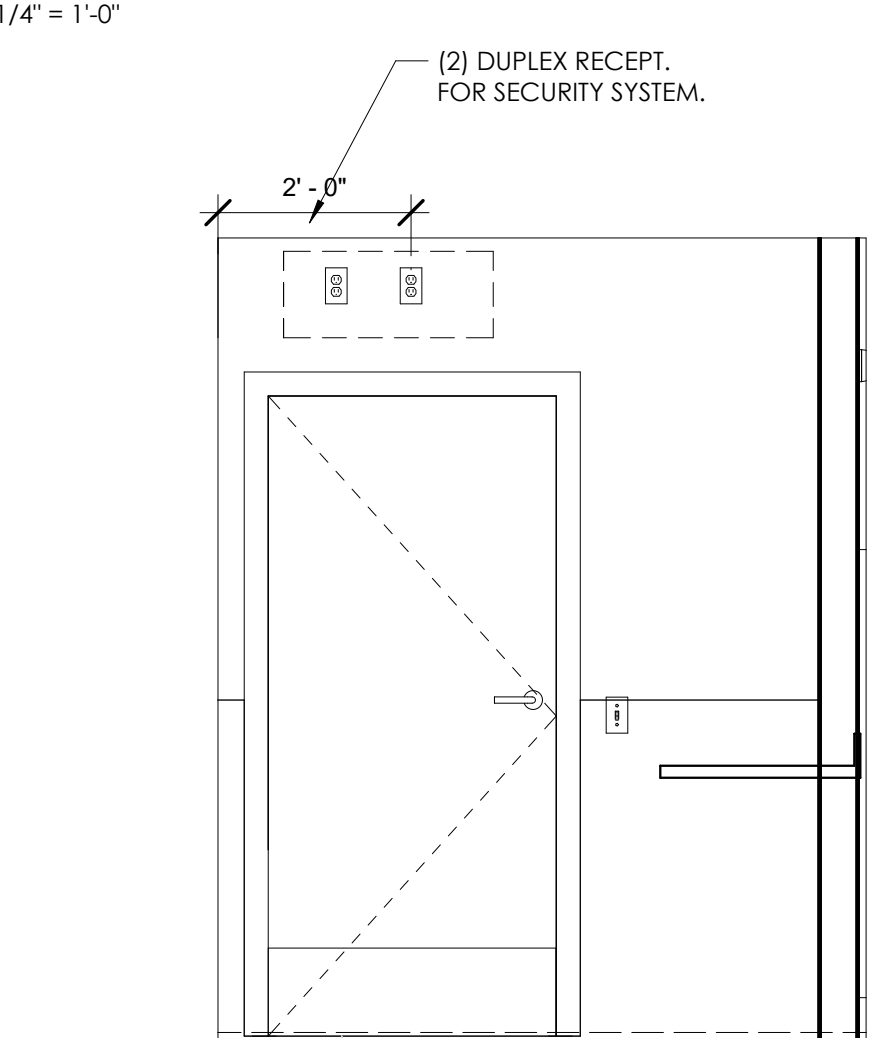
- (1) DUPLEX RECEPTACLE PER SCREEN.
- (1) P-RING PER SCREEN WITH 1" CONDUIT TO ABOVE CEILING. DATA CABLE TO RUN TO MEDIA PLAYER(S) IN OFFICE.
- VERIFY NUMBER OF SCREENS USED (3 OR 4) PRIOR TO INSTALLATION OF RECEPTABLES AND P-RINGS.
- DETERMINE SCREEN AND MOUNTING BRACKET MODELS PRIOR TO INSTALLATION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



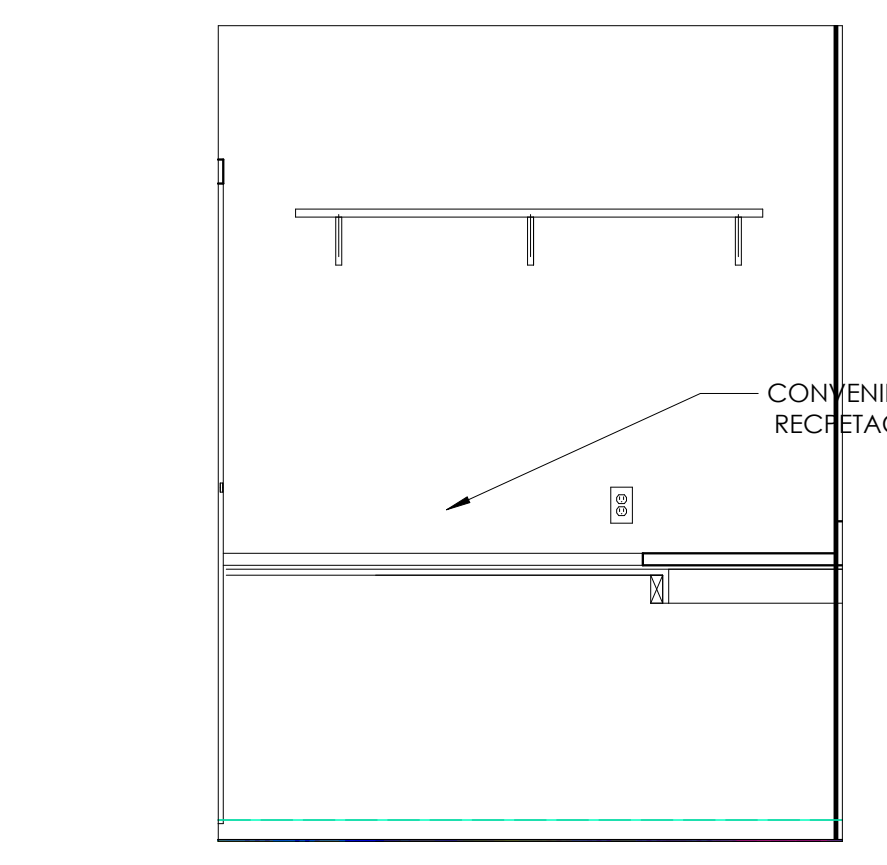
5 OFFICE PLAN
1/2" = 1'-0"



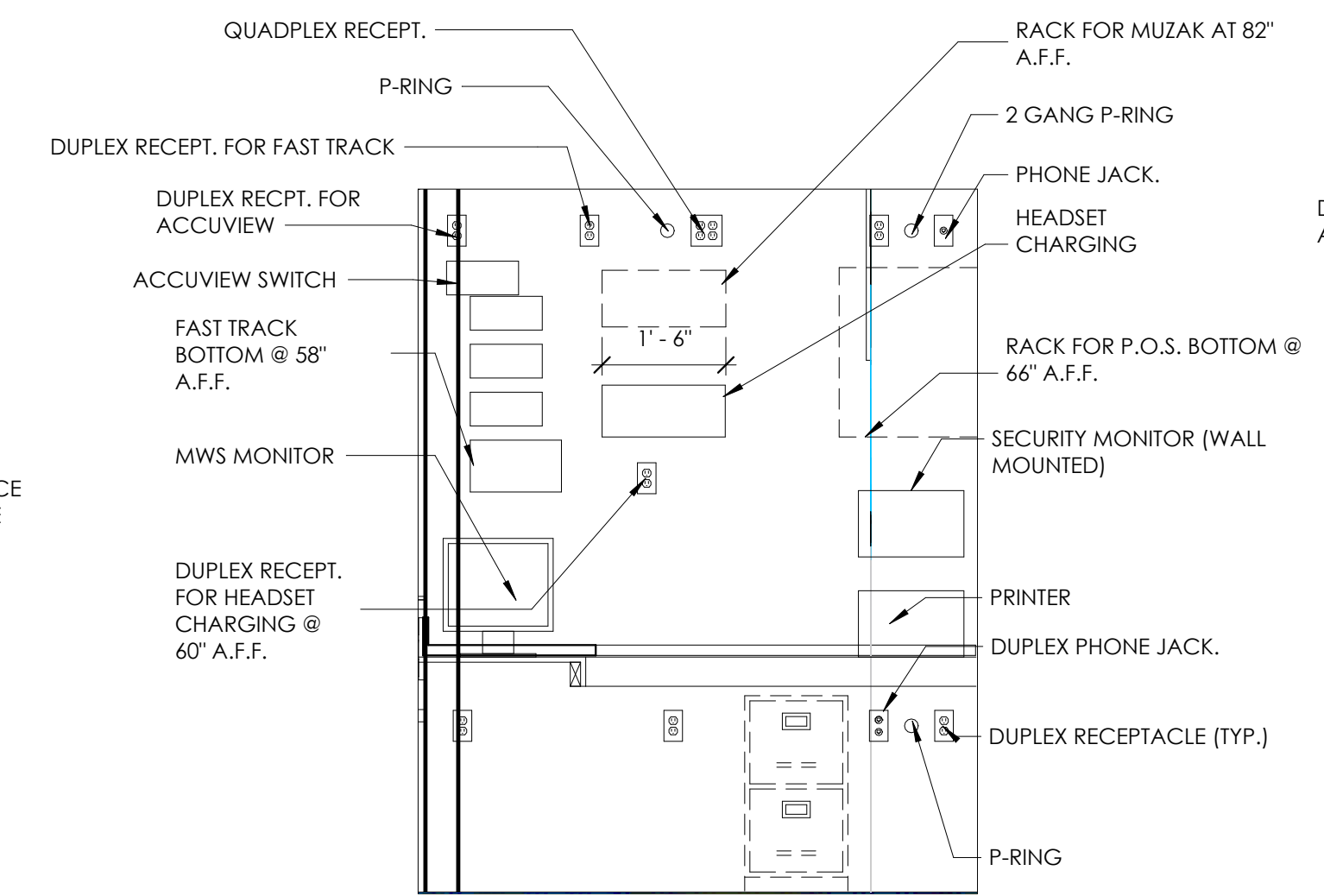
6 OFFICE ELEVATION A
1/2" = 1'-0"



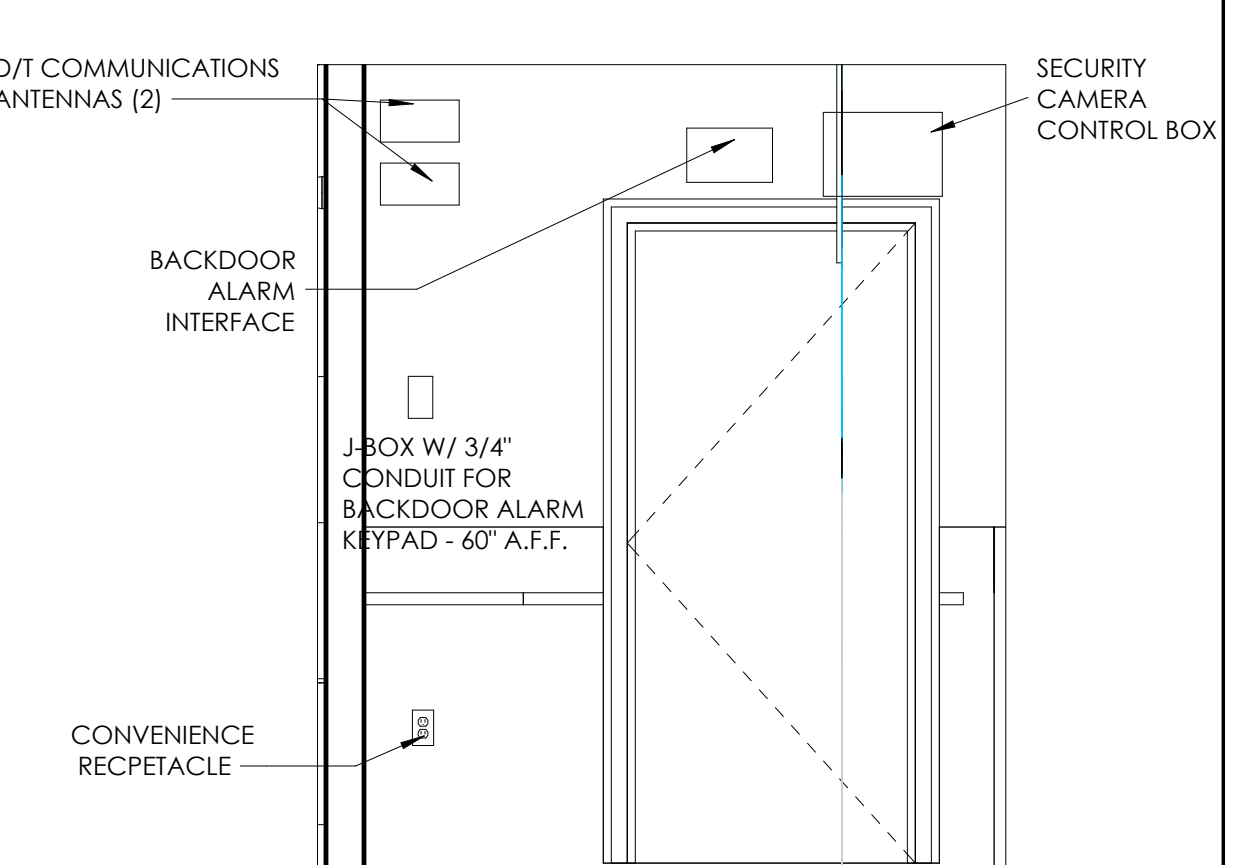
7 OFFICE ELEVATION B
1/2" = 1'-0"



8 OFFICE ELEVATION C
1/2" = 1'-0"



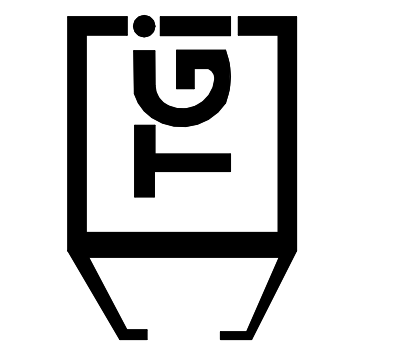
9 OFFICE ELEVATION D
1/2" = 1'-0"



10 OFFICE ELEVATION E
1/2" = 1'-0"

NO.	DATE	BY	REVISION
1	11.20.21	RT	FOR BEMPAH ID CITY
2	11.22.21	RT	FOR PLANNING PERIOD
3	11.22.21	RT	

DRAWN BY: RT
CHECKED: DB
SCALE: AS NOTED
DATE: 09.22.21



PROJECT	3330 INDIANOLA AVE. COLUMBUS, OH 43214
SHEET TITLE	TECHNOLOGY PLAN
JOB#	TG-21666
SHEET	E-4

"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 THE THERMOSTAT SET POINT 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 COVER 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 DEPARTURES SWITCH. THE PARKING LOT LIGHTS WILL COME BACK ON FOR 15 MINUTES THEN SHUT OFF AUTOMATICALLY.

"MANAGER/LAST PERSON LEAVING THE BUILDING"

STEP 1

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

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.

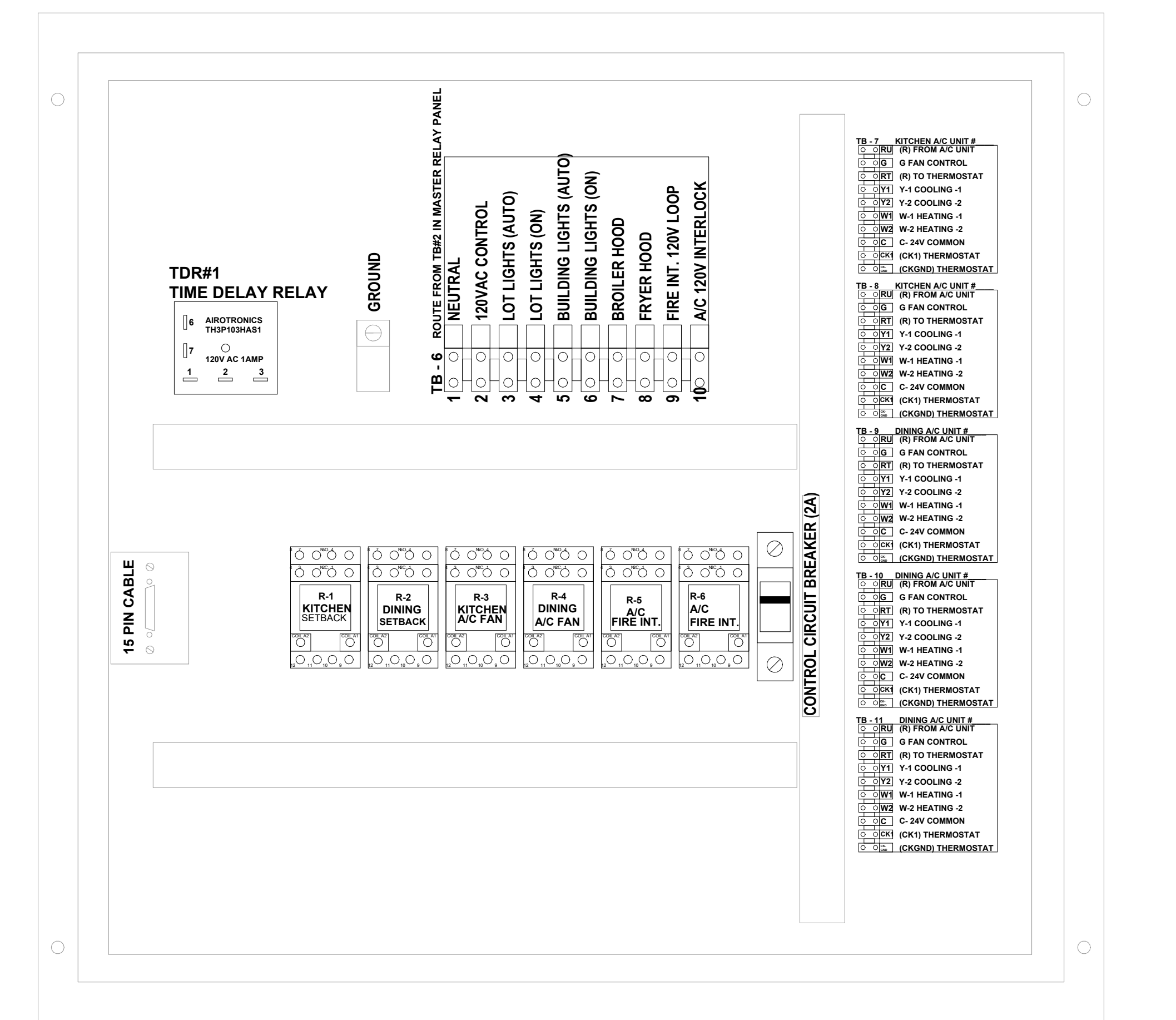
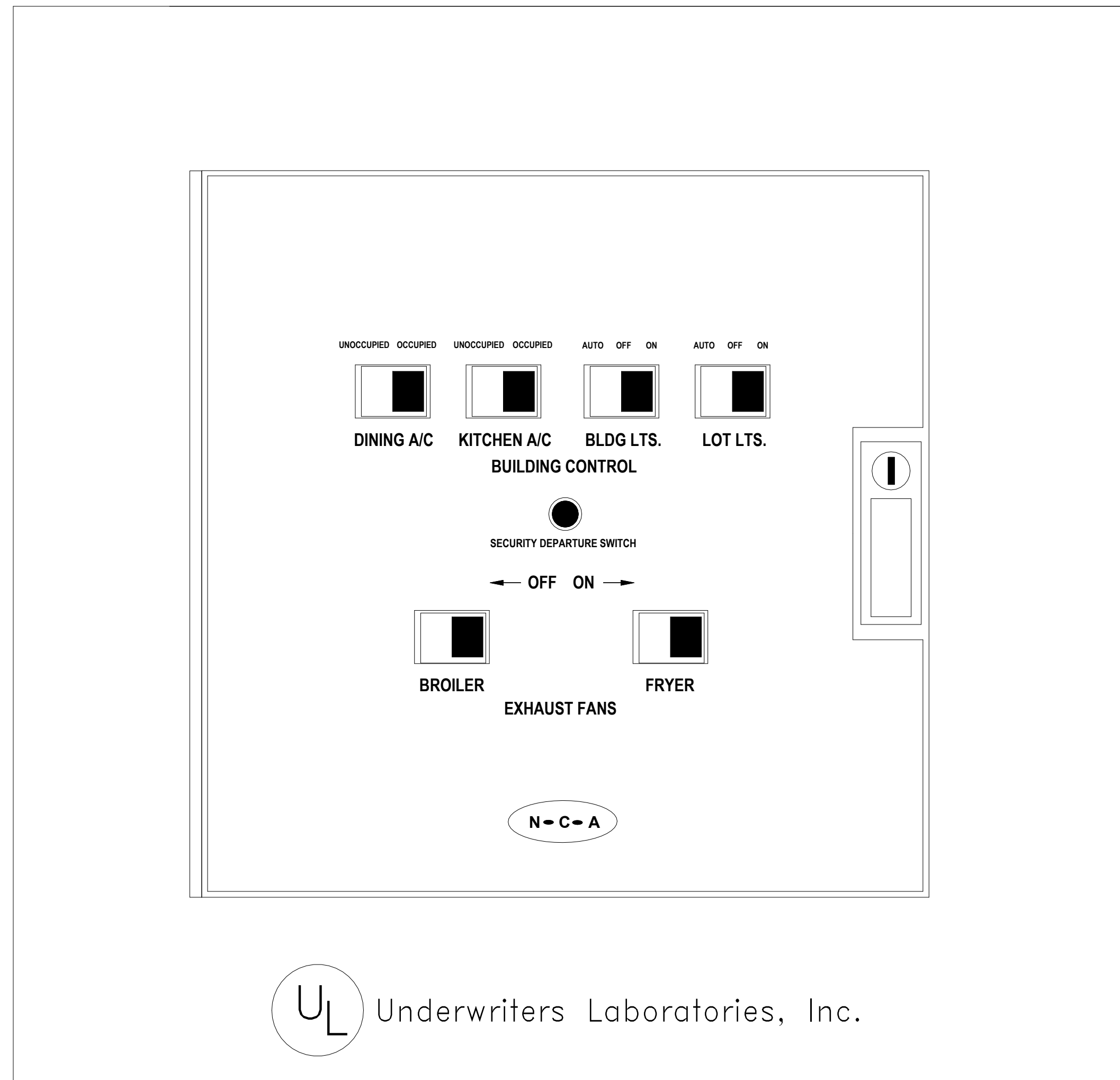
"HOOD VENTILATION SYSTEM NOTE"

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 AS 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.



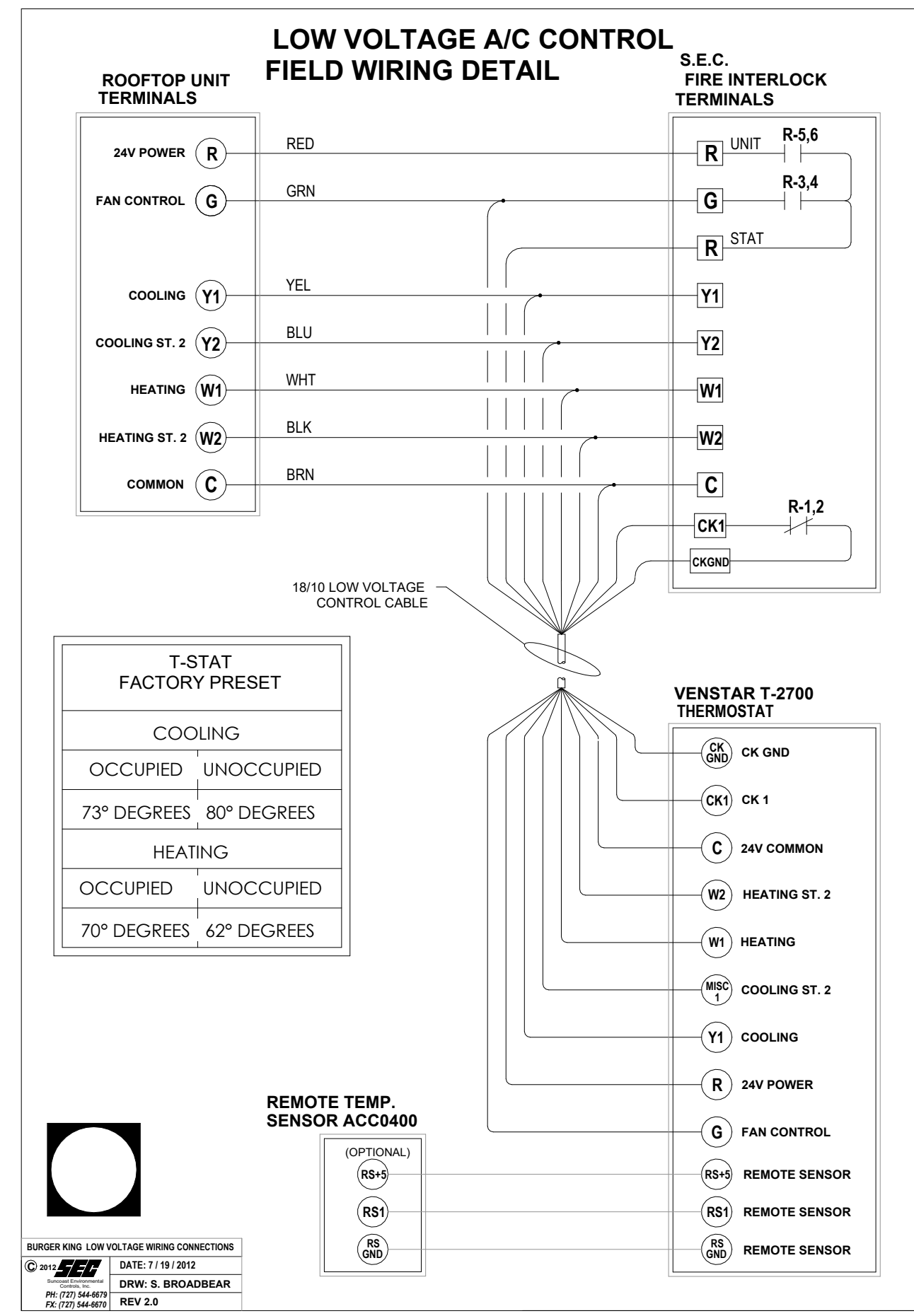
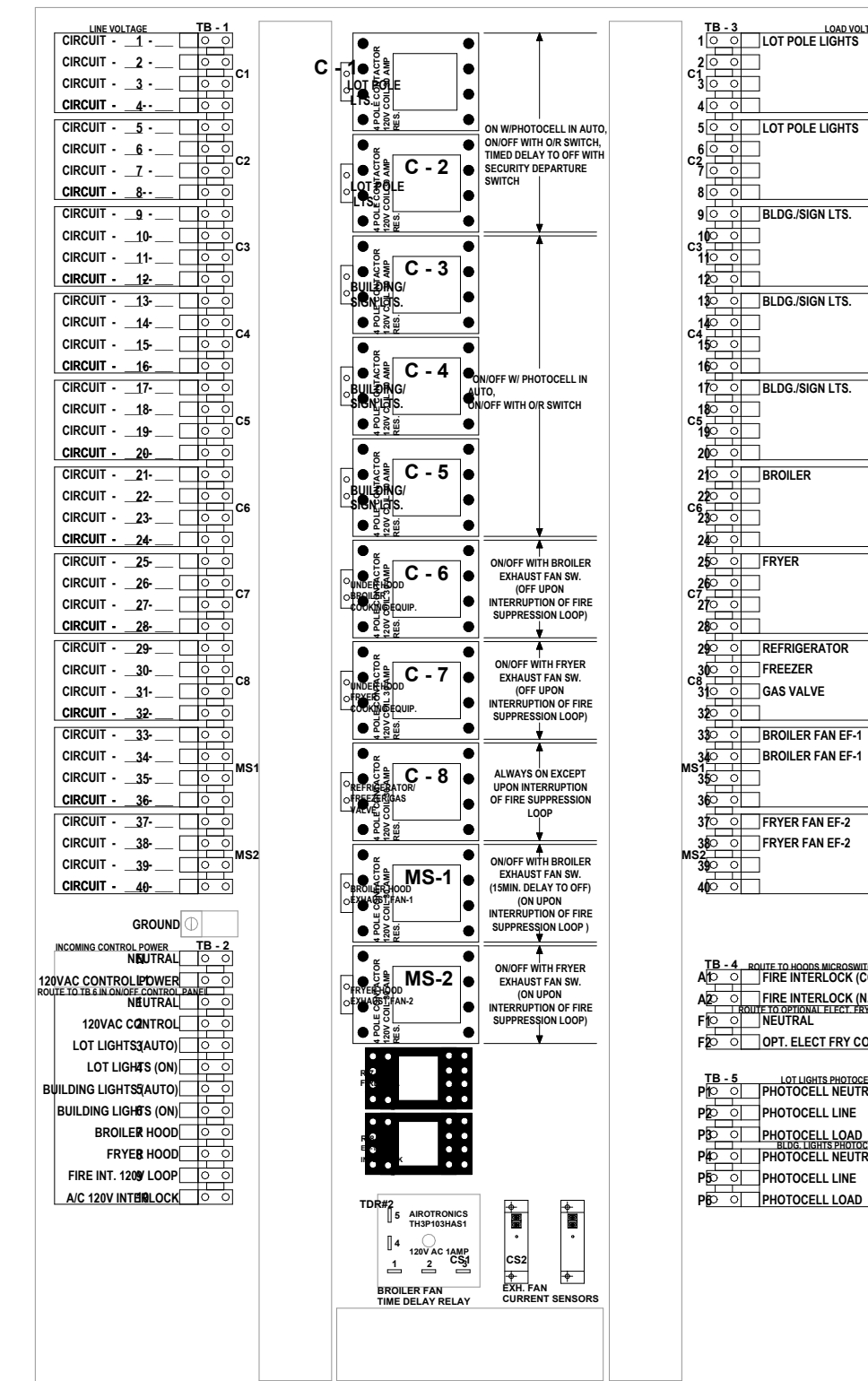
SEQUENCE OF OPERATION

MANUAL CONTROL SYSTEM
 THE A/C UNITS UNOCCUPIED-OCCUPIED SWITCH IS USED TO: TURN THE STORE ON IN THE MORNING AND OFF IN THE EVENING.
 WHEN A/C UNIT UNOCCUPIED-OCCUPIED SWITCH IS TURNED TO THE ON POSITION: THE AIR CONDITIONING SYSTEM WILL GO FROM NIGHT MODE TO SYSTEM ON.
 THE AIR CONDITIONING FANS WILL START AND RUN CONTINUOUSLY.
 THE OUTDOOR DAMPERS WILL OPEN TO A PRESET POSITION. (OPTIONAL)
 DAMPERS WILL NOT OPEN DURING NIGHT SET BACK MODE. (OPTIONAL)
 THE AIR CONDITIONERS WILL BEGIN TO COOL OR HEAT AT THE OCCUPIED TEMPERATURE SETPOINT.
 THE COOKING EQUIPMENT AND EXHAUST FANS CAN NOW BE TURNED ON WHEN NEEDED.
 WHEN A/C UNOCCUPIED-OCCUPIED SWITCH IS TURNED TO THE OFF POSITION: EXHAUST FANS, SUPPLY FANS, AND EVAPORATOR BLOWERS WILL SHUT DOWN.
 THE HEATING AND COOLING OPERATION SHALL REVERT TO SYSTEM NIGHT SET BACK MODE. THE COOKING EQUIPMENT SHALL BE DISABLED.
 THE SIGNAGE LIGHTING & LOT LIGHTING SHALL BE DISABLED IF SWITCHES ARE IN THE OFF POSITION.
 THE PARKING LOT POLE LIGHTS & SECURITY LIGHTS SHALL REMAIN ON FOR 15 MIN AFTER THE SECURITY DEPARTURE SWITCH IS ACTIVATED.
 WHEN THE HOOD EXHAUST FAN CURRENT SENSOR DETECTS A DROP IN AMPERAGE IT WILL DISABLE THE LINE VOLTAGE TO THE FRYER AND BROILER APPLIANCES.

HOOD VENTILATION SYSTEM
 IF THE HOOD VENTILATION SWITCH IS IN THE OPEN POSITION, THE HOOD VENTILATION SYSTEM CAN BE STARTED.
 THE BROILER SYSTEM AND THE FRYER SYSTEM SHALL BE STARTED BY MOVING THE ON/OFF SWITCH TO THE ON POSITION. IF EITHER THE BROILER OR FRYER SWITCH IS IN THE ON POSITION, THE MAKE-UP AIR UNIT (IF APPLICABLE) SHALL START AUTOMATICALLY.
 ACTIVATION OF THE HOOD FIRE SUPPRESSION SYSTEM SHALL DE-ENERGIZE THE MAKE UP AIR UNIT, ALL A/C UNITS, AND THE CONTROLLED COOKING EQUIPMENT. THE BROILER AND THE FRYER EXHAUST SYSTEM SHALL CONTINUE TO OPERATE. THE FIRE SUPPRESSION SYSTEM SHALL BE MANUALLY RESET.

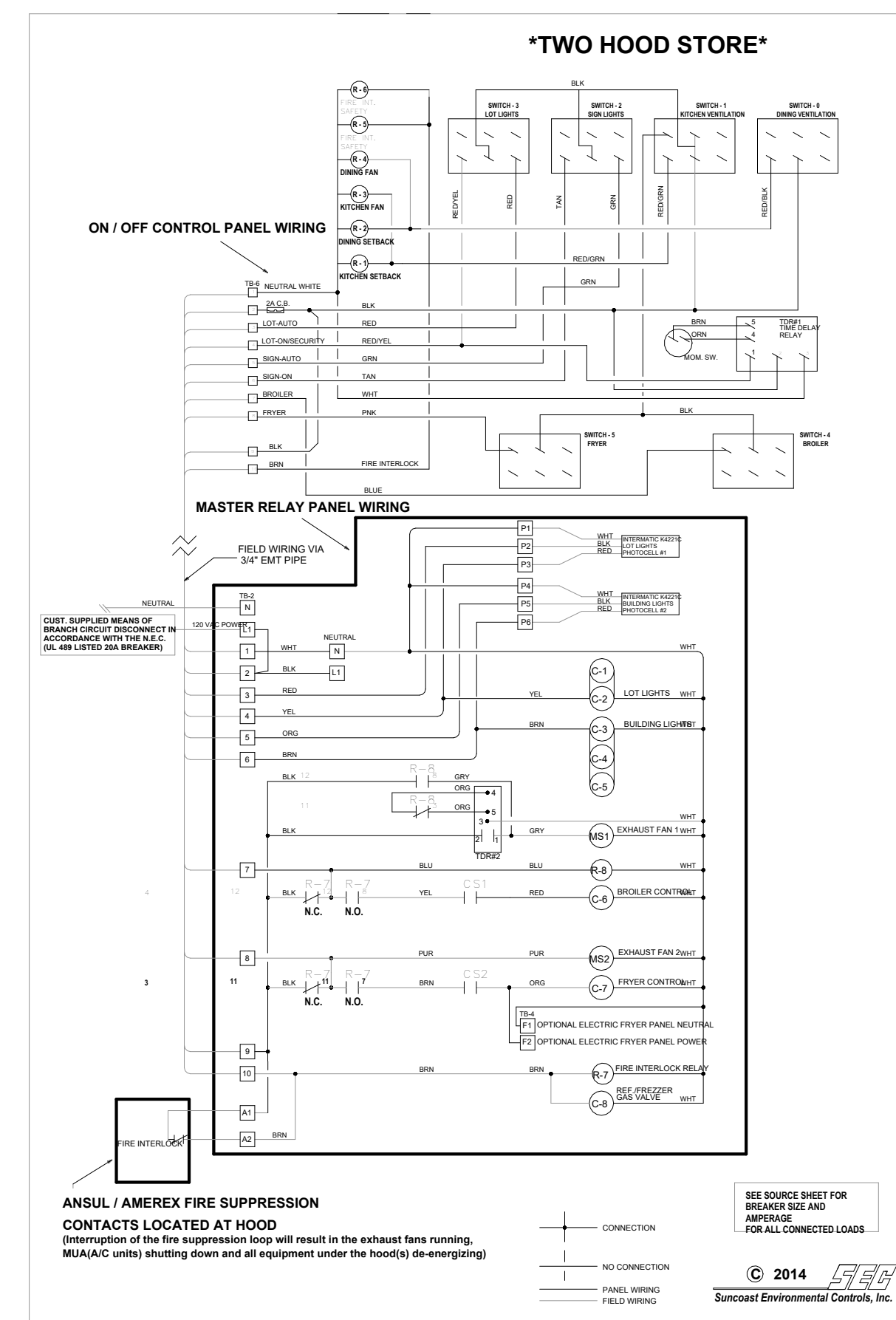
EXTERIOR LIGHTING CONTROL
 ALL OF THE EXTERIOR LIGHTING SHALL BE CONTROLLED, WITH THE EXCEPTION OF THE SECURITY LIGHTS WHICH SHALL BE OPERATED BY ITS OWN PHOTOCELL. SECURITY LIGHTING IS OPTIONAL.
 THE SIGNAGE SELECTOR SWITCH (3-POS.) CONTROLS THE PRIME SIGN, ALL MARQUEE SIGNS, AND BUILDING ACCENT LIGHTING.
 ON POSITION: LIGHTING SHALL BE ON PERMANENTLY.
 OFF POSITION: LIGHTING SHALL BE OFF PERMANENTLY.
 AUTO POSITION: LIGHTING SHALL BE CONTROLLED BY THE PHOTO CELL.
 THE LOT LIGHTS THREE POSITION SWITCH WORKS THE SAME AS THE SIGNAGE SWITCH.

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



ELECTRICAL CONTRACTOR NOTES:

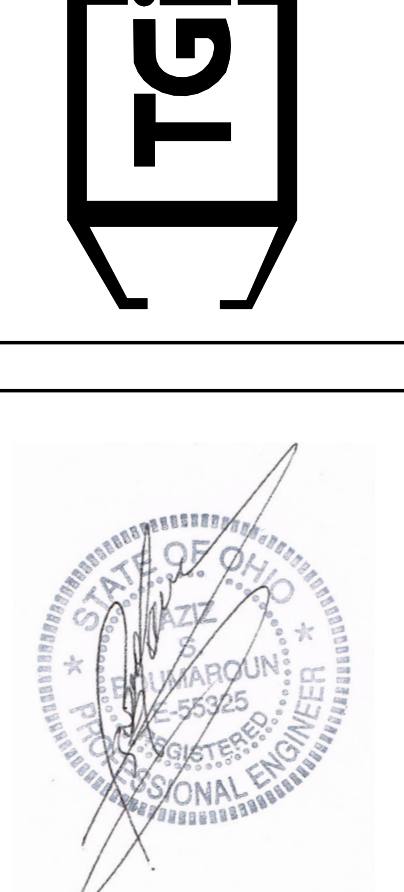
- RUN ONE (10) CONDUCTOR 18 GAUGE THERMOSTAT CABLE FROM THE ROOFTOP AIR CONDITIONING UNIT TO THE "UNOCCUPIED-OCCUPIED" PANEL.
- RUN ONE (10) CONDUCTOR 18 GAUGE THERMOSTAT CABLE FROM THE "UNOCCUPIED-OCCUPIED" PANEL TO THE THERMOSTAT LOCATION.
- RUN ONE (10) CONDUCTOR 18 GAUGE THERMOSTAT CABLE FROM THE ROOFTOP AIR CONDITIONING UNIT TO THE NIGHT SETBACK THERMOSTAT LOCATION. IF NOT CONTROLLED WITH P-374-2700 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 CONTRACTOR PANEL LOCATED BY THE SWITCHGEAR.



PANEL SCHEMATIC DIAGRAMS

NO.	DATE	BY	FOR
1	10.02.21	BT	FOR BEMFAL E/CITY
2	11.30.21	BT	FOR PLANNING DEPT

DRAWN BY: RT
 CHECKED: DB
 SCALE: AS NOTED
 DATE: 09.22.21



PROJECT	3330 INDIANOLA AVE. COLUMBUS, OH 43214
SHEET TITLE	MASTER CONTACTOR PANEL
JOB#	TG-21666
SHEET	E-5

DO NOT SCALE THIS SHEET. USE FIGURED DIMENSIONS ONLY.