TACO BELL

MODERN EXPLORER T40



20711 S DIXIE HWY. MIAMI, FL 33186

PROJECT GENERAL NOTES

- A. ALL WORK SHALL CONFORM TO THE FLORIDA BUILDING CODE SIXTH EDITION (2017), AND ALL OTHER APPLICABLE CODES, STANDARDS, AND REGULATIONS OF THE CITY OF MIAMI, FL.
- B. IT IS INTENDED THAT A COMPLETE OCCUPIABLE BUILDING PROJECT IS PROVIDED.
- C. THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION (A.I.A. A201 LATEST EDITION) ARE A PART OF THESE CONTRACT DOCUMENTS. A COPY IS ON FILE AT THE ARCHITECT'S OFFICE.
- D. DRAWINGS ARE BASED ON A SURVEY, DATED 05.08.17 PREPARED BY ATWELL, LLC AND IS INCLUDED IN THESE DOCUMENTS.
- E. THIS BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH THE RECOMMENDATIONS OF A GEOTECHNICAL INVESTIGATION DATED SEPTEMBER 23, 2016 BY INTERTEK-PSI. THE REPORT IS PART OF THESE CONTRACT DOCUMENTS, AND THE CONTRACTOR IS RESPONSIBLE FOR CARRYING OUT ITS RECOMMENDATIONS, THOUGH SOME MAY NOT BE SPECIFICALLY DETAILED ON THE PLANS.
- . DO NOT SCALE THESE DRAWINGS. VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD. ANY DISCREPANCIES IN THESE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO STARTING WORK.
- G. ALL PROPOSED SUBSTITUTIONS SHALL BE APPROVED BY THE YUM BRANDS CONSTRUCTION MANAGER, IN WRITING, PRIOR TO INSTALLATION.
- H. RETAIN THE PROJECT GEOTECHNICAL ENGINEER TO PROVIDE OBSERVATION AND TESTING SERVICES DURING THE GRADING (INCLUDING UTILITY TRENCHES) AND FOUNDATION PHASE OF CONSTRUCTION AS RECOMMENDED IN THE GEOTECHNICAL REPORT. ALL TESTING AND INSPECTION REPORTS, INCLUDING FINAL SUMMATION LETTER, SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT AND OWNER. G.C. SHALL CERTIFY PAD ELEVATION PRIOR TO START OF FOUNDATION WORK.
- SUBMIT PAY FEES AND OBTAIN ALL PERMITS ASSOCIATED WITH THE PROJECT EXCEPT GENERAL BUILDING PERMIT. THIS INCLUDES, BUT IS NOT LIMITED TO ELECTRICAL, MECHANICAL, PLUMBING FIRE SPRINKLER, HOOD ANSUL, OR OTHER RELATED FIRE PERMITS, ENCROACHMENT PERMIT, ETC. YUM BRANDS WILL PAY FOR "CONNECTION FEES" ASSOCIATED WITH UTILITY PERMITS. PAY FOR TEMPORARY FACILITIES FEES AS REQUIRED TO COMPLETE THE WORK IN A TIMELY MANNER.
- PROVIDE EACH SUBCONTRACTOR WITH A COMPLETE AGENCY-PERMITTED DRAWING SET AT TIME OF CONSTRUCTION.
- K. ALL ABBREVIATIONS INCLUDED FOLLOW INDUSTRY STANDARDS. CONTACT ARCHITECT IF ANY ABBREVIATIONS ARE NOT CLEAR.
- .. GC SHALL SUPPLY AND INSTALL ALL ASPECTS OF THE PROJECT DESCRIBED IN THIS DRAWING SET UNLESS OTHERWISE NOTED. SEE SCOPE OF WORK FOR EXCEPTIONS.
- M. GRAPHIC AND WRITTEN INFORMATION ON DRAWINGS SHALL BE COORDINATED WITH ALL TRADES PRIOR TO INSTALLATION.

AX.X DETAIL SHEET SHEET NUMBER DOOR NUMBER AX.X WINDOW NUMBER / DECOR ITEM **ELEVATION NUMBER** NUMBER EXTERIOR WALL FINISH NUMBER 8'-4" **CEILING HEIGHT KEY NOTE** (X-000) **EQUIPMENT NUMBER** BLDG. SECTION LETTER X XX ROOM FINISH NUMBER BLDG. SECTION SHEET INTERIOR ELEVATION DESIGNATION DETAIL NUMBER DIRECTION OF DETAIL SHEAR WALL TYPE (STRUCTURAL) DETAIL SHEET **REVISION NUMBER** EQUIPMENT / FIXTURE NUMBER (M.E.P.) BLDG. HEIGHT INDICATES SUSTAINABLE DESIGN REFERENCE POINT SIGN. SEE ELEVATIONS

REFERENCE SYMBOLS

X DETAIL NUMBER



PHONE: 561.742.2000

REFER TO STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL SHEETS FOR SPECIFIC SYMBOLS

MECHANICAL CODE: FLORIDA MECHANICAL CODE 6TH EDITION (2017) PLUMBING CODE: FLORIDA PLUMBING CODE 6TH EDITION (2017) ELECTRICAL CODE: 2014 NATIONAL ELECTRIC CODE FIRE CODE: FLORIDA FIRE PREVENTION CODE SIXTH EDITION (2017) ENERGY CODE: FLORIDA BUILDING CODE SIXTH EDITION (2017) HEALTH CODE: CHAPTER 64E-11, FLORIDA ADMINISTRATIVE CODE & SECTION 381.0072, FLORIDA STATUTES ACCESSIBILITY: FLORIDA BUILDING CODE SIXTH EDITION (2017) BUILDING AREA: 1,980 S.F. SEATING: 54 (40 INTERIOR, 14 EXTERIOR) OCCUPANCY: A2 TYPE CONSTRUCTION: TYPE VB # PHONE LINES: 25 PAIR CABLE IN 2" CONDUIT ELECTRIC SERVICE: 600 AMPS / 3 PHASE / 120-208 VOLT GAS: 689,000 BTUH **DESIGN CRITERIA** WIND SPEED: 175 M.P.H. 3SGVLT / EXPOSURE C SEISMIC DESIGN CATEGORY: A ROOF LIVE LOAD: 20 P.S.F. LEGAL DESCRIPTION REFER TO CIVIL DRAWINGS APPROVED PRODUCTS LIST CATEGORY SUBCATEGORY MANUFACTURER APPROVAL NO. COMMENTS EXTERIOR SWING DOORS **CURRIES** 11537.1-R6 WALL LOUVERS RUSKIN 10234-R3 OLD CASTLE (MSD-375) STOREFRONT STOREFRONT OLD CASTLE (FG-5100) SINGLE-PLY ROOF SYSTEM **DURO-LAST** 16039-R7 FIBER CEMENT PANEL SYSTEM JAMES HARDIE 10477.2-R7 COMPOSITE PANEL SYSTEM TRESPA 24435.1 PROJECT DIRECTORY **OWNER** YUM! BRANDS, INC. MARK S. SALOPEK, LLC 1900 COLONEL SANDERS LANE 3638 WEST GALLOWAY DRIVE LOUISVILLE, KY 40213 RICHFIELD, OH 44286 CONTACT: ADAM MACKE **CONTACT: DEANNE SCHOPFER** PHONE: 330.572.2100 PHONE: 330.813.0142 **CONSTRUCTION MANAGER** STRUCTURAL ENGINEER TACO BELL OF AMERICA, LLC GPD GROUP, INC. 520 SOUTH MAIN STREET, SUITE 2531 104 LISA COURT MCMURRY, PA 15317 **AKRON, OH 44311** CONTACT: CLINT LANGLEY CONTACT: DEANNE SCHOPFER PHONE: 724.969.5009 PHONE: 330.572.2100 CIVIL ENGINEER **MECH. / ELEC. ENGINEER** CKE GROUP, INC. ARCHITECTS & ENGINEERS GPD GROUP, INC. 15500 NEW BARN ROAD - SUITE 106 520 SOUTH MAIN STREET, SUITE 2531 MIAMI LAKES, FL 33014 AKRON, OH 44311 CONTACT: EDUARDO CARCACHE CONTACT: DEANNE SCHOPFER PHONE: 305-558-4124 PHONE: 330.572.2100 **GEOTECHNICAL ENGINEER** LANDSCAPE ARCHITECT CKE GROUP, INC. ARCHITECTS & ENGINEERS 37483 INTERCHANGE DRIVE 15500 NEW BARN ROAD - SUITE 106 FARMINGTON HILLS, MI 48335 MIAMI LAKES, FL 33014 CONTACT: EDUARDO CARCACHE CONTACT: KEVIN DUBNICKI, P.E. PHONE: 305-558-4124 PHONE: 248.957.9911 **UTILITY CONTACTS TELEPHONE** SEWER MIAMI-DADE WATER AND SEWER DEPARTMENT 3071 SW 38TH AVE AT&T CUTLER BAY MIAMI, FLORIDA 33146 PHONE: 888.944.0447 PHONE: 786.552.8970 WATER ROADS SOUTH FLORIDA WATER MANAGEMENT DISTRICT MIAIMI-DADE DEPARTMENT OF TRANSPORTATION 3301 GUN CLUB ROAD 111 NW FIRST STREET WEST PALM BEACH, FLORIDA 33406 MIAMI, FL 33128 PHONE: 561.686.8800 PHONE: 305.375.2960 **TRASH** GAS MIAMI-DADE SOLID WASTE MANAGEMENT FLORIDA PUBLIC UTILITIES 2525 NW 62ND ST, 5TH FLOOR 1641 WORTHINGTON RD, SUITE 220 WEST PALM BEACH, FL 33409 MIAMI, FL 33147 CONTACT: CUSTOMER SERVICE CONTACT: JARRETT SMITH

1940 NORTH MONROE ST TALLAHASSEE, FL 32303

CONTACT: ADAM FUELLING PHONE: 850.487.1395

SHEET INDEX **PROJECT SUMMARY** LEGAL JURISDICTION: CITY OF MIAMI / MIAMI-DADE COUNTY 1 - TITLE BUILDING CODE: FLORIDA BUILDING CODE 6TH EDITION (2017) T1.0 TITLE SHEET T2.0 LIFE SAFETY PLAN G1.0 YUM GREEN CHECKLIST SEE SHEET T-001 FOR CIVIL DRAWING INDEX 3 - STRUCTURAL S0.1 STRUCTURAL GENERAL NOTES S0.2 STRUCTURAL SPECIAL INSPECTIONS \$1.0 FOUNDATION PLAN S3.0 ROOF FRAMING PLAN S4.0 STRUCTURAL DETAILS FOUNDATION S4.1 STRUCTURAL DETAILS FRAMING S4.2 STRUCTURAL DETAILS FRAMING A1.0 FLOOR PLAN A1.1 DOOR AND WINDOW ELEVATIONS & SCHEDULES A2.0 EQUIPMENT/ SEATING PLAN A2.1 EQUIPMENT SCHEDULE A3.0 ROOF PLAN A4.0 EXTERIOR ELEVATIONS A5.0 BUILDING SECTIONS A5.1 BUILDING SECTIONS A5.2 WALL SECTIONS A6.0 CONSTRUCTION PLAN DETAILS A6.1 CONSTRUCTION DETAILS WALL A6.2 CONSTRUCTION DETAILS ROOF A6.3 CONSTRUCTION DETAILS DOOR A6.4 CONSTRUCTION DETAILS WINDOW A6.5 FINISH DETAILS A6.6 MISCELLANEOUS A7.0 FLOOR FINISH PLAN A7.1 REFLECTED CEILING PLAN A7.2 FINISH LEGEND AND SCHEDULE A8.0 INTERIOR ELEVATIONS DINING ROOM A8.1 INTERIOR ELEVATIONS DINING ROOM A8.2 INTERIOR ELEV. ENLARGED RESTROOMS A8.3 INTERIOR ELEVATIONS KITCHEN A8.4 KITCHEN DETAILS 5- ACCESSIBILITY ADA1.0 ACCESSIBILITY REQUIREMENTS ADA1.1 ACCESSIBILITY REQUIREMENTS 6 - MECHANICAL M1.0 MECHANICAL SCHEDULES AND NOTES M2.0 DUCT AND DIFFUSER PLAN M2.1 MECHANICAL ROOF PLAN M3.0 HOOD DRAWINGS PLANS AND SECTIONS M4.0 MECHANICAL AND HOOD DETAILS P1.0 PLUMBING SCHEDULES AND NOTES P2.0 WASTE AND VENT PLAN P3.0 WATER PLAN P3.1 GAS PLAN P4.0 PLUMBING ROUGH-IN PLAN P5.0 RISER DIAGRAMS P6.0 PLUMBING DETAILS 8 - ELECTRICAL E1.0 SITE ELECTRICAL PLAN E2.0 ELECTRICAL ONE LINE DIAGRAMS AND LEGEND E2.1 ELECTRICAL SCHEDULES E2.2 ELECTRICAL SCHEDULES E3.0 ELECTRICAL POWER PLAN E3.1 ENLARGED POWER PLAN AND DETAILS E3.2 ELECTRICAL POWER ROOF PLAN E3.3 ELECTRICAL DIMENSIONS PLAN E4.0 LIGHTING PLAN AND DETAILS E5.0 COMMUNICATIONS PLAN E6.0 ELECTRICAL DETAILS - TBCCB E6.1 ELECTRICAL DETAILS - TBCCB E6.2 ELECTRICAL DETAILS - TBCCB E7.0 ELECTRICAL DETAILS 9 - SCOPE OF WORK SW1.0 SCOPE OF WORK MATRIX PHONE: 561.537.0462 PHONE: 305.514.6666 **ELECTRIC** HEALTH FLORIDA DEPT. OF BUSINESS & PROF. REGULATION CONTACT: FRANK PUEYO DIVISION OF HOTELS AND RESTAURANTS

Mark S. Salopek,

3638 West Galloway Drive Richfield, OH 44286 330.572.2100 Fax: 330.572.2102

	07/18/18	REISSUED FOR BID
	05/25/18	ISSUED FOR BID
	1	

01.08.18

T40M-O

DEC 2017

309797/420630

2018088.04

CONTRACT DATE: **BUILDING TYPE:**

PLAN VERSION: BRAND DESIGNER:

SITE NUMBER: STORE NUMBER:

TACO BELL

20711 S DIXIE HWY.

MIAMI, FL 33186

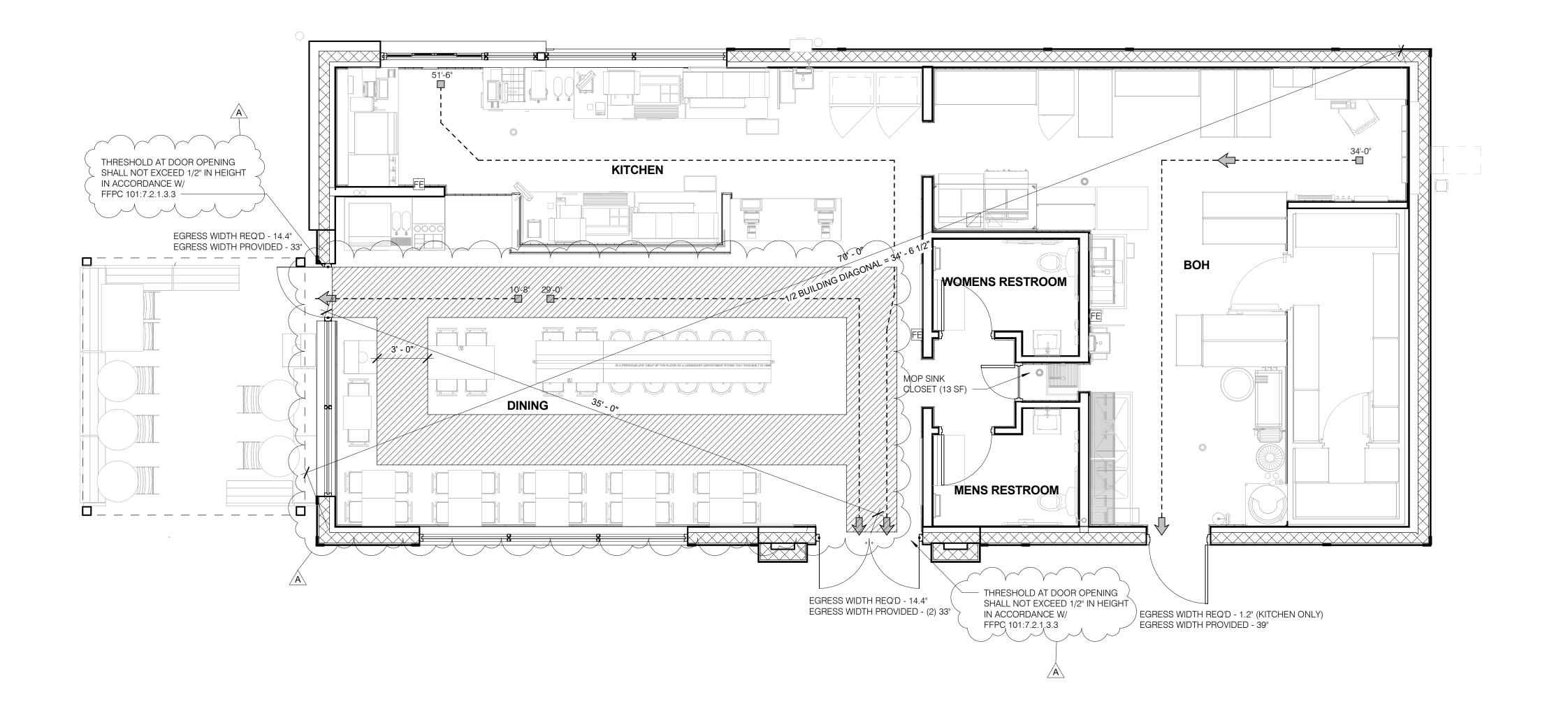
OPEN KITCHEN MODERN EXPLORER

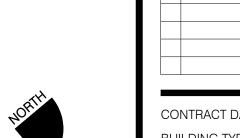
TITLE SHEET

PLOT DATE: 7/18/2018 1:01:14 PM



3638 West Galloway Drive Richfield, OH 44286 330.572.2100 Fax: 330.572.2102





STORE NUMBER: LIFE SAFETY PLAN 1/4" = 1'-0" 1,980 GROSS SF (BUILDING) FIRE EXTINGUISHER LOCATION. LOAD FACTOR OCCUPANTS ASSEMBLY (UNCONCENTRATED) KITCHEN (COMMERCIAL) STORAGE/MECHANICAL 100 GROSS 9 956 SF **EMERGENCY EXIT** 13 SF 300 GROSS 1 1,627 SF 54 OCCUPANTS ---- TRAVEL DISTANCE **EXIT SIGNS OCCUPANT LOAD CALCULATIONS** C LIFE SAFTEY LEGEND N.T.S.

	07/18/18	REISSUED FOR BID
Α	07/16/18	CITY COMMENTS
	05/25/18	ISSUED FOR BID

CONTRACT DATE: 03.06.18 T40M-O BUILDING TYPE: PLAN VERSION: DEC 2017 BRAND DESIGNER: SITE NUMBER: 309797/420630

TACO BELL

2018088.04

20711 S DIXIE HWY. MIAMI, FL 33186



OPEN KITCHEN MODERN EXPLORER

LIFE SAFETY **PLAN**

CHECK LIST NUMBER EXPLANATION:

The checklist numbers below align with the credit numbers in the YUM Blueline system website. For further detail go to the following web address. Note: Follow the "Required" and "Optional" designation on this sheet rather than the ones on the YUMBlueline website. The system has been setup so that if you do the "Required" items on this list your restaurant will meet the YUMBlueline requirements.

Go to the reference version of the YUM Blueline websiteat: "www.yumblueline.com"
 In the "User" section choose "General" from the pull down menu
 In the "Password" section type in "J212j*kla!"

		5				4
V	✓					✓
		FORMALDEHYDE LIMITS Maximum formaldehyde emissi	ONS IN PARTS PER MILLI	ON		
		PRODUCT	CL	JRRENT LIMIT		
		HARDWOOD PLYWOOD VENHARDWOOD COMPOSITE CO		0.05 0.05		
		 PARTICLE BOARD MEDIUM DENSITY FIBER BOA THIN MEDIUM DENSITY FIBER 		0.09 0.11 0.13		K
		1. VALUES IN THIS TABLE A	ARE DERIVED FROM THOS	E SPECIFIED BY TH		K
			AIR TOXIC CONTROL MEAS WITH ASTM E 1333. IBERBOARD HAS A MAXIM		IE WOOD AS	
		VOC CONTENT LIMITS FOR Grams of VOC per liter of coat	ARCHITECTURAL CO	DATINGS (Cont.) exempt compounds		X
		SPECIALTY COATINGS	CU	JRRENT VOC LIMIT		
		ROOF COATINGSRUST PREVENTATIVE COATI	INGS	50 250		
		 SHELLACS CLEAR OPAQUE 		730 550		
		 SPECIALTY PRIMERS, SEALE STAINS 	RS & UNDER-COATINGS	100 250		
		STONE CONSOLIDANTS TRAFFIC MARKING COATING THE STILL SEATING THE STILL SEATING		450 100		
		 TUB & TILE REFINISH COATIN WATERPROOFING MEBRANE WOOD COATINGS 		420 250 275		
		WOOD PRESERVATIVESZINC-RICH PRIMERS		350 340		
		 Grams of VOC per liter The specified limits remo 	of liter of coating, inclu ain in effect unless revis	uding water & exem sed limits are listed	pt compounds in subsequent	
		columns in the table. 3. Values in this table are architectural coatings su- available from the air re	ggested control measure			
		COATING CATEGORY	CURREN	T VOC LIMIT		
		FLAT COATINGSNON-FLAT COATINGS		50 100		
		NON-FLAT HIGH GLOSS COAT SPECIALTY COATINGS		150 T VOC LIMIT		
		ALUMINUM ROOF COATINGS	JOHNEN	400		
		 BASEMENT SPECIALTY COAT BITUMINOUS ROOF COATING BITUMINOUS ROOF COATING 	S	400 50 350		
		BOND BREAKER CONCRETE CURING COMPOU		350 350 350		
		 CONCRETE / MASONRY SEAL DRIVEWAY SEALERS DRY FOG COATINGS 	.ERS	100 50 150		
		FIRE RESISTIVE COATINGSFLOOR COATINGS		350 100		
		 FORM-RELEASE COMPOUND HIGH TEMPERATURE COATIN INDUSTRIAL MAINTENANCE COATIN 	IGS	250 420 250		
		LOW SOLIDS COATINGSMAGNESITE CONCRETE COA		120 450		
		 MASTIC TEXTURE COATINGS PRETREATMENT WASH PRIM PRIMERS, SEALERS AND UNI 		100 350 100		
		REACTIVE PENETRATING SEA RECYCLED COATINGS		350 250		
		43.1 CONTROLLED BUILDING MA A. If fluorescent lan B. Maintain t	TERIAL (Required) nps are used they shall not excibe Taco Bell lamps policy of on	eed 80 picograms per lur lly using LED lamps in all	men hour. building, site and sign lighting.	
		45.1 THERMAL COMFORT (Requir	red)			
		Store Occupation	Mode	Temp Setpoints	Max Relative Humidity	
		Occupied	Dining Cooling Kitchen Cooling	73-78 F 68-73 F	60%	
			Dining Heating Kitchen Heating	68-73 F 66-71 F	60%	
		Unoccupied	Cooling (minimum)	80 F or off		
			Heating (maximum)	60 F		
		of 75% minir	ne CM shall administer the "The mum. sponders are dissatisfied then c d.	orrective actions shall tak	ce corrective action until less than	
		48.1 LEED TEAM MEMBER (Requi	red)			
		with the owner's requirements. Commiss	the owners design intent prior to sioning also is also intended to	o starting site specific des insure that the contractor	sign so they can insure that their design meets r executes the design per the owner's .	
		requirements. A. The consultant should mod site specific design meets on the consultant, general contractor at meets or exceeds the Ow	or exceeds the Owner's Require and CM should use Sheet G1 as	ements prior to starting de	ecific information and insure that the esign. he site specific project results	

			Ċ		
		4	A COL	P = Indicates that scope is already in the prototype drawings * = Indicates "optional" item	
4				* = Indicates "optional" item	
				- indicates optional term	
K	P			37.1 RECYLING (Required) A. Provide dedicated recycling space in the dining room, ki plastic, paper and oil. B. See the "Trash Enclosure Standards" posted on the version should be used.	itchen and site. Recycling should accommodate e Plans.YUM.com. Unless approved the "Large"
X	X			37.2 COOKING OIL RECYCLING (Required) Collect cooking oil and provide to a third party vendor for rec	cvelina.
X	X			37.3 CARDBOARD RECYCLING (Optional) Collect used corrugated cardboard and provide to a third pa	
	X			38. AIR VENTILATION (Required) 1. Provide air ventilation and exhaust rates per YUM BLUE	:I INF
K	X			 Provide air ventilation and exhaust rates per YUM BLUE Provide fresh air per YUM BLUELINE 39.1 NO SMOKING (Required) A. Maintain a policy of not smoking within the restau	
				41.1 PROTECTION OF MATERIALS (Required)	
				site specific conditions. A. Protect HVAC system B. Implement pollution source control measures C. Protect stored materials D. Protect installed materials E. Maintain construction site housekeeping	rt with the prototype template and modify as required for
				42. LOW EMITTING MATERIALS (Required) Finish materials shall comply with this section:	
				Adhesives, Sealants and Caulks. Adhesives, sealant meet the requirements of the following standa regional air pollution or air quality management. Adhesives, adhesive bonding primers, and caulks shall comply with local or regional management district rules where applicable of	nt district rules apply: dhesive primers, sealants, sealant primers I air pollution control or air quality
				 Aerosol adhesives, and smaller unit size compounds (in units of product, less packa pound and do not consist of more than 1 	es of adhesives, and sealant or caulking ging, which do not weigh more than 1 16 fluid ounces) shall comply with SCAQMD.
				Paints and Coatings. Architectural paints and coatings	
				Verification. The General Contractor shall provided a shall include, but is not limited to, the following 1. Manufacturer's product specification. 2. Field verification of on—site product co	documentation to the CM. Documentation ng:
				ADHESIVE VOC LIMITS	
				• CERAMIC TILE	CURRENT VOC LIMIT 65
				DRYWALL, PANEL & COVE BASEMULTI-PURPOSESINGLE PLY ROOFING	50 70 250
				SPECIALTY APPLICATIONS	CURRENT VOC LIMIT
				 PVC WELDING CPVC WELDING ABS WELDING PLASTIC CEMENT WELDING ADHESIVE PRIMER FOR WELDING CONTACT ADHESIVE SPECIAL PURPOSE CONTACT ADHESIVE 	510 490 325 250 550 80 250
				 STRUCTURAL WOOD MEMBER ADHESIVE TOP & TRIM ADHESIVE 	140 250
				SUBSTRATE SPECIFIC APPLICATIONS • METAL TO METAL	CURRENT VOC LIMIT 30
				 PLASTIC FOAMS POROUS MATERIALS (EXCEPT WOOD) WOOD FIBERGLASS 	50 50 30 80
				SEALANT VOC LIMITS (less water and less exempt compounds in gro	ams per liter)
				SEALANT • ARCHITECTURAL	CURRENT LIMIT 250
				 MARINE DECK NON-MEMBRANE ROOF ROADWAY 	760 300 250
				SINGLE PLY ROOF MEMBRANEOTHER	450 420
				SEALANT PRIMER	CURRENT LIMIT
				ARCHITECTURAL NON-POROUS PORUS	250 775
				MODIFIED BITUMINOUSMARINE DECKOTHER	500 760 750

	117818	S	STAUCY	P = Indicates that scope is already in the prototype drawings * = Indicates "optional" item
4	2 4		\$ \begin{align*} 5 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	* = Indicates "optional" item
✓	✓	✓	✓	4.2. CONTABINATED CITES (Optional)
X				1.3 CONTAMINATED SITES (Optional) If you are developing a site such as a gas station that requires remedial work check this box.
X				1.4 LOCATION COMMITMENT (Required) Commit to stay in the same location for 10 years or more. 1.5 PAY UTILITIES DIRECTLY (Required)
X				If site is leased insure that Taco Bell will pay the utilities directly rather than allowing the landlord to pay them. This will allow Taco Bell to track utility expenses easily.
				2.2 PROXIMITY TO BUS STOP (Optional) Site is within \(\frac{1}{4}\) a mile of a bus stop.
	Р			3.0 BICYCLE FACILITIES (Required) Provide dedicated bicycle lockable parking for a minimum of two bicycles. Provide changing area and lockable storage for a minimum of two people. Single occupancy toilet rooms will suffice as a changing area.
X	K			5.1 PARKING (Optional) Do not exceed parking spaces required by local zoning. See Credit 5 Provide 5% preferred parking for carpool.
	Р			7.2 WHITE ROOF (Required) Provide white PVC single membrane roof material.
X	X			9.0 CONSTRUCTION POLLUTION CONTROL (Required) A. Construction pollution control plan. B. Silt fencing C. Site vehicular access D. Wheel washing E. Covered loads F. Excavated soil storage G. Storm water drain, trench and pit drain protection H. Temporary diversion ditches and berms I. Dust control J. Exposed slope erosion control K. Weekly contractor inspection
	Р			10.2 Building Water (Required) Provide plumbing fixtures as specified in the prototype drawings, specifications and equipment model.
	Р			11.2 Process Water (Required) All water using equipment specified in the prototype equipment schedule shall be used for all ground-up restaurants.
				12.1 Landscape Design (Required) All landscape designs for new ground-up restaurants shall follow the Landscape Standards posted on the Plans.YUM.com website.
	X			 13.1 Irrigation Water (Required) See landscape specifications A. Programmable irrigation controller. B. Separate irrigation zones C. Program maximum irrigation timing D. High-efficiancy irrigation sprinkler heads E. Rain sensor
	Р			15.3 Interior Lighting (Required) The current lighting specifications shall be used for all ground-up prototype restaurants.
	P			16.2 Exterior Lighting (Required) The current lighting specifications shall be used for all ground-up prototype restaurants.
	Р			17.2 Sign Illumination (Required) The current signage specifications shall be used for all ground-up prototype restaurants.
	Р			18.1 Exhaust Hoods (Required) The current 6'-4" back shelf hood design and equipment placement as shown in the ground-up prototype restaurant shall be used.
	Р			19.1 LICENSED HVAC ENGINEER (Required) Use a licensed HVAC engineer for system site adaptation.
	P			19.2 OPTIMIZE HVAC DESIGN (Required) Optimize HVAC design system per YUM Blueline Standards
	Р			20.0 HVAC EFFICIENCY (Required) Use the EFLEX RTU for the kitchen and the Partial VAV RTU for the dining room and install per the current prototype ground-up restaurant.
	Р			21.0 ECONOMIZER PERFORMANCE (Required) Use an economizer provided with the EFLEX and Partial VAV RTUs by Trane.
	P			22.1. Hot Water Efficiency (Required) Use the water heater specified in the Taco Bell prototype.
	Р			23.1 REFRIGERANTS (Required) Do not used banned refrigerants. If you use any modern RTU you will not use banned refrigerants
	Р			24.1 REFRIGERATION (Required) A. Use the current specified walk-in cooler/freezer. See Credit 24 B. Use the current specified reach-in freezer. See Credit 24 C. Use the current specified ice makers. See Credit 24
	Р			25.1 COOKING & WASHING EQUIPMENT (Required) A. Use the current specified fryer in the prototype. B. Use the current specified 3-comp sinkin the prototype.
	Р			28.1 BASIC LIGHTING & THERMAL CONTROLS (Required) A. Provide programable thermostatsspecified in the prototype B. Provide temperature sensor locations and specifications on plan C. Insure proper operation of ventilation equiment operations D. Provide lighting controls for interior zones E. Provide lighting controls for exterior zones.
	X			28.3 Occupancy Sensors (Optional) Provide ultrasonic/infared) occupancy sensors for 25% or move of interior lighting.
	Р			33.1 Recycled Content (Required) Use materials that have a minimum of 10% recycled materials. (Note: Getting the calculations in process)
	K			 36.1 Construction Waste Management (Required) A. The contractor shall recycle a minimum of 50% of all construction waste and provide records per YUM Blueline. 75% is preferred. B. The general contractor shall provide a construction waste management plan to the construction manager with their bid submittal. They can use the starter form posted on the Plans.YUM.com website in the Green Playbook section.

Mark S. Salopek,

3638 West Galloway Drive Richfield, OH 44286 330.572.2100 Fax: 330.572.2102

07/18/18 REISSUED FOR BID 05/25/18 ISSUED FOR BID

> BUILDING TYPE: PLAN VERSION: DEC 2017 BRAND DESIGNER:

03.06.18

T40M-O

SITE NUMBER: 309797/420630 STORE NUMBER: 2018088.04

CONTRACT DATE:

TACO BELL

20711 S DIXIE HWY. MIAMI, FL 33186



OPEN KITCHEN MODERN EXPLORER

YUM GREEN CHECKLIST

DESIGN LOADING:

2017 FLORIDA BUILDING CODE (2015 IBC)

A. ROOF LIVE LOAD B. FLOOR LIVE LOAD (RETAIL FIRST FLOOR) 100 PSF C. ROOF SNOW LOADS GROUND SNOW LOAD (Pg) 0 PSF EXPOSURE FACTOR (Ce) IMPORTANCE FACTOR (I) THERMAL FACTOR (Ct) 1.0 MIN ROOF SNOW LOA'D (Pf) 0 PSF

D. DEAD LOADS **ACTUAL MATERIAL WEIGHTS**

E. WIND LOADS V (ULTIMATE) V (NOMINAL) 3 SECOND GUST IMPORTANCE FACTOR RISK CATEGORY **EXPOSURE CATEGORY**

SEISMIC DESIGN CATEGORY:

INTERNAL PRESSURE COEF. F. SEISMIC LOADS SEISMIC IMPORTANCE FACTOR: **BUILDING OCCUPANCY CATEGORY** SITE CLASS 0.040 0.019 SPECTRAL RESPONSE COEFF 0.043 SHOR PERIOD (SDS): 0.031 1 SEC. PERIODS (SD1)

> BASIC SEISMIC FORCE RESISTING SYSTEM: NORTH/SOUTH DIRECTION BASIC FRAMING SYSTEM: LOAD BEARING WALLS SEISMIC RESISTING SYSTEM: ORDINARY REINFORCED MASONRY SHEAR WALLS

DEFLECTION AMPLIFICATION FACTOR (Cd) RESPONSE MOD. FACTOR (R) OVERSTRENGTH FACTOR (Ω) 2.5 0.021 SEISMIC RESPONSE COEFF (Cs) BASE SHEAR (V) 4.5 KIPS

ANALYSIS BY EQUIVALENT LATERAL FORCE PROCEDURE

G. ROOF DRAINAGE LOAD

15.6 PSF

5 PSF

175 MPH

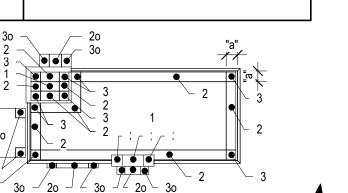
136 MPH

H. INTERIOR NON-BEARING PARTITION LOAD (WIND)

C&C Wind Pressures 10 SF 50 SF 100 SF Zone: 27.15 psf | 23.20 psf | 21.50 psf -66.75 psf | -62.80 psf | -61.10 ps 27.15 psf | 23.20 psf | 21.50 psf -112.01 psf | -84.33 psf | -72.41 ps 27.15 psf | 23.20 psf | 21.50 psf 168.58 psf | -101.36 psf | -72.41 psf -106.35 psf | -102.40 psf | -100.69 ps Zone 2 -168.58 psf | -89.50 psf | -55.44 ps Zone 3 10 SF 50 SF 100 SF Zone: 61.10 psf | 54.81 psf | 52.10psf -66.19 psf | -59.90 psf | -57.20 psf 158.40 psf | 124.45 psf | 107.48 psf -118.80 psf | -107.48 psf | -96.17 ps 61.10 psf | 54.81 psf | 52.10 psf -81.46 psf | -68.89 psf | -63.48 ps 158.40 psf | 124.45 psf | 107.48 ps -135.77 psf | -115.97 psf | -104.65 ps

> TRIBUTARY PRESSURES ARE FOR THE SQUARE FOOT (SF) TRIBUTARY AREA SHOWN FOR OTHER TRIBUTARY AREAS, LINEARLY INTERPOLATE BETWEEN VALUES SHOWN 2.POSITIVE PRESSURES ACT TOWARD THE

Notes: BUILDING. NEGATIVE PRESSURES ACT AWAY FROM THE BUILDING ALL WIND PRESSURES IN THE TABLE ARE BASED ON ULTIMATE WINDSPEEDS. TO CONVERT TO NOMINAL WIND PRESSURES MULTIPLE VALUES BY 0.6. 4. "a" = 3'-0"



ROOF DIAGRAM

GENERAL PROVISIONS:

TYPICAL DETAILS AND GENERAL NOTES APPLY TO ALL PARTS OF THE WORK EXCEPT WHERE SPECIFICALLY DETAILED OR UNLESS OTHERWISE NOTED.

DRAWINGS ARE NOT TO BE SCALED.

FOR DIMENSIONS NOT SHOWN, COORDINATE WITH ARCHITECTURAL DRAWINGS.

THE CONTRACTOR SHALL CAREFULLY REVIEW THE DRAWINGS TO IDENTIFY THE SCOPE OF WORK REQUIRED, VISIT THE SITE TO RELATE THE SCOPE OF WORK TO EXISTING CONDITIONS, AND DETERMINE THE EXTENT OF WHICH THOSE CONDITIONS AND PHYSICAL SURROUNDINGS WILL IMPACT THE WORK.

EXISTING CONDITIONS, AS SHOWN ON THESE PLANS, ARE FOR REFERENCE ONLY. THE CONTRACTOR IS REQUIRED TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION.

THE CONTRACTOR SHALL ASSUME THE MOST STRINGENT REQUIREMENTS APPLY IN CASE OF CONFLICT AMONG SPECIFICATIONS, STANDARDS, CODES AND DRAWINGS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY TO RESOLVE THE CONFLICT.

ANY DEVIATION, MODIFICATION, OR SUBSTITUTION FROM THE BID SET OF STRUCTURAL DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT AND ENGINEER FOR REVIEW/APPROVAL PRIOR TO ITS USE OR INCLUSION ON THE SHOP DRAWINGS. WITHOUT SUCH PRIOR APPROVAL, DEVIATIONS, MODIFICATIONS, OR SUBSTITUTIONS WILL BE REJECTED. COSTS FOR DEMOLITION AND REWORK OF SUCH ITEMS WILL BE BORNE BY THE CONTRACTOR.

THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED FOR IN-SERVICE LOADS ONLY. THE MEANS, METHODS, PROCEDURES, AND SEQUENCES OF CONSTRUCTION ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR, WHICH INCLUDE THE DETERMINATION OF ALLOWABLE CONSTRUCTION LOADING OF THE STRUCTURE. THE CONTRACTOR SHALL PROVIDE, DESIGN, MONITOR, AND MAINTAIN ALL NECESSARY TEMPORARY AND PERMANENT SYSTEMS (SHORING, BRACING, GUYS, FALSEWORK, FORMWORK, SHEETING, ETC.) TO ENSURE THE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF CONSTRUCTION. ANY SYSTEMS SHOWN ON THE DOCUMENTS ARE PARTIAL AND SCHEMATIC IN NATURE AND EXTENTS ARE NOT ALL INCLUSIVE. ALL WORK SHALL BE PERFORMED WITHOUT DAMAGE TO ADJACENT EXISTING WORK. SHORING SYSTEMS SHALL BE DESIGNED, SIGNED, AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE JURISDICTION WHERE THE PROJECT IS LOCATED.

THE CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY. THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL REVIEW THE STRUCTURAL CONTRACT DOCUMENTS AND SHALL NOTIFY THE STRUCTURAL ENGINEER OF ANY CONFLICTS BETWEEN THOSE DOCUMENTS AND ANY SAFETY REGULATIONS. SUCH REVIEW AND NOTIFICATION SHALL OCCUR PRIOR TO PRODUCTION OF SHOP DRAWINGS.

THE CONTRACTOR SHALL PROTECT ALL WORK, MATERIALS, AND EQUIPMENT FROM DAMAGE AND SHALL PROVIDE PROPER STORAGE FACILITIES FOR MATERIALS AND EQUIPMENT DURING CONSTRUCTION.

SITE VISITS PREFORMED BY THE ARCHITECT/ENGINEER DO NOT INCLUDE INSPECTIONS OF MEANS AND METHODS OF CONSTRUCTION PREFORMED BY THE CONTRACTOR.

STRUCTURAL OBSERVATIONS PERFORMED BY THE ARCHITECT/ENGINEER DURING CONSTRUCTION ARE NOT THE CONTINUOUS AND SPECIAL INSPECTION SERVICES AND DO NOT WAIVE THE RESPONSIBILITY FOR THE INSPECTIONS REQUIRED OF THE BUILDING DEPARTMENT INSPECTOR OR THE TESTING AGENCY. ALSO, OBSERVATIONS DO NOT GUARANTEE THE CONTRACTOR'S PERFORMANCE AND SHALL NOT BE CONSIDERED AS SUPERVISION OF CONSTRUCTION.

ALL WALLS, FLOORS, AND ROOF MEMBERS SHALL BE SECURELY SHORED AND BRACED AT ALL TIMES DURING CONSTRUCTION.

NO PIPES OR DUCTS SHALL BE EMBEDDED INTO STRUCTURAL MEMBERS UNLESS SO SHOWN ON THE PLANS OR APPROVED BY THE ENGINEER.

NO STRUCTURAL ELEMENTS ARE TO BE CUT UNLESS SPECIFICALLY APPROVED BY THE ENGINEER.

SHOP DRAWINGS:

REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

REPRODUCTION OF THE STRUCTURAL DRAWINGS FOR USE IN PREPARATION OF SHOP DRAWINGS IS STRICTLY PROHIBITED WITHOUT THE WRITTEN CONSENT OF THE ENGINEER OF RECORD. SHOP DRAWINGS SUBMITTED WITH REPRODUCED STRUCTURAL DRAWINGS AND/OR DETAILS WITHOUT CONSENT WILL BE REJECTED.

SUBMIT SHOP DRAWINGS 15 BUSINESS DAYS (MINIMUM) PRIOR TO DATE THAT RETURNED SHOP

SHOP DRAWINGS SHALL BEAR THE CONTRACTORS STAMP OF APPROVAL, WHICH SHALL CONSTITUTE CERTIFICATION THAT ALL FIELD MEASUREMENTS, CONSTRUCTION CRITERIA, AND MATERIALS SPECIFIED IN THE CONTRACT DOCUMENTS HAVE BEEN VERIFIED AND EACH DRAWING HAS BEEN CHECKED FOR COMPLETENESS, COORDINATION, AND COMPLIANCE WITH THE CONTRACT DOCUMENTS.

CONTRACTOR SHALL REFER TO ARCHITECTURAL, MECHANICAL, PLUMBING, ELECTRICAL, LAUNDRY AND FOOD SERVICE DRAWINGS FOR SIZE AND LOCATIONS OF OPENINGS, SLEEVES, CONCRETE HOUSEKEEPING PADS, INSERTS, AND DEPRESSIONS DURING SHOP DRAWING PREPARATION.

WHERE A DELEGATED DESIGN IS INDICATED ON THE DRAWINGS, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND CALCULATIONS FOR EACH ITEM, COMPONENT, AND CONNECTION NOT SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS. SHOP DRAWINGS AND DESIGN CALCULATIONS SHALL BE SIGNED AND SEALED BY THE CONTRACTOR'S LICENSED ENGINEER (IN THE PROJECT'S JURISDICTION). DRAWINGS AND CALCULATIONS SHALL SHOW LOCATIONS AND MAGNITUDES OF LOADS IMPOSED ON THE STRUCTURE. THE ENGINEER OF RECORD RESERVES THE RIGHT TO MODIFY LOAD PATH SUGGESTED BY THE DELEGATED DESIGN ENGINEER.

DELEGATED DESIGN:

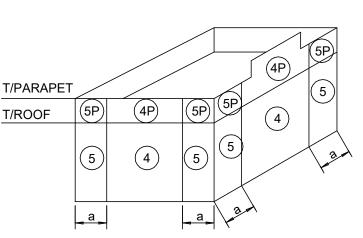
CONTRACTOR IS RESPONSIBLE FOR DESIGN OF THE FOLLOWING ITEMS INCLUDING DESIGN OF THE CONNECTIONS OF EACH ITEM TO THE SUPPORTING STRUCTURAL FRAMING

- OPEN-WEBBED STEEL JOISTS AND JOIST GIRDERS - COLD FORMED STEEL TOWER CLADDING (SEPERATE PERMIT)

- CANOPIES AND OVERHANGS (SEPERATE PERMIT)

THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR EACH ITEM LISTED ABOVE. REFER TO THE "SHOP DRAWING" SECTION UNDER THE GENERAL NOTES FOR ADDITIONAL INFORMATION.

INFORMATION SHOWN IN THE CONTRACT DOCUMENTS (E.G., DEPTHS, GAGES, SPACING, PLYS, ETC.) ARE CONSIDERED MINIMUMS AND ARE SCHEMATIC IN NATURE. INCREASED GAGE/PLYS AND/OR DECREASED SPACINGS MAY BE REQUIRED AND SHALL BE COMPLETED AT NO CHARGE TO THE OWNER. CONTRACTOR IS RESPONSIBLE FOR DESIGN OF THE FOLLOWING ITEMS INCLUDING DESIGN OF THE CONNECTIONS OF EACH ITEM TO THE SUPPORTING STRUCTURAL FRAMING:



WALLS (GENERIC BUILDING SHOWN)

EARTHWORK/SUBSURFACE **INVESTIGATION:**

THE CONTRACTOR SHALL REFER TO THE THE GEOTECHNICAL SUBSURFACE INVESTIGATION REPORT AND SPECIFICATIONS FOR ALL REQUIREMENTS RELATED TO EXCAVATION, PREPARATION OF THE SUBGRADE, COMPACTION PROCEDURES. AND FOR ANY OTHER GEOTECHNICAL REQUIREMENTS. WHERE CONFLICTING REQUIREMENTS BETWEEN THE DRAWINGS AND GEOTECHNICAL SUBSURFACE INVESTIGATION REPORT ARE PRESENT, THE MOST STRINGENT REQUIREMENT SHALL BE BID UNLESS OTHERWISE ADDRESSED BY THE ENGINEER OF RECORD IN A FORMAL REQUEST FOR INFORMATION.

THE RECOMMENDATIONS PRESENTED HEREIN ARE IN ACCORDANCE WITH THE SUBSURFACE

INTERTEK - PSI, INC. PROJECT #: 0397-1109, DATED SEPTEMBER 23, 2016.

PROOFROLLING:

PRIOR TO EXCAVATION FOR STRUCTURES, PROOFROLL BUILDING AND PAVEMENT AREAS USING A HEAVILY LOADED DUMP TRUCK OR SIMILARLY HEAVILY LOADED VEHICLE. ALL SOFT, LOOSE OR UNSTABLE AREAS ARE TO BE STABILIZED WITH ADDITIONAL COMPACTION OR UNDERCUT AND REPLACED WITH

ENGINEERED FILL

ENGINEERED FILL SHALL BE WELL GRADED MATERIAL FREE FROM DEBRIS, ORGANIC MATERIAL, FROZEN MATERIALS, BRICK, LIME, CONCRETE AND OTHER MATERIALS THAT WOULD PREVENT ADEQUATE PERFORMANCE. FILL SHALL CONFORM TO ASTM D2487 SOIL CLASSIFICATION GROUPS GW, GP, GM, SW, SP

UNLESS OTHERWISE NOTED, THE PROPOSED ENGINEERED FILL MATERIALS ARE TO BE PLACED IN LIFTS NOT EXCEEDING EIGHT (8) INCHES IN LOOSE MEASURED THICKNESS. EACH LIFT IS TO BE COMPACTED A MINIMUM OF 98% MAXIMUM DENSITY BY ASTM D698.

THE EARTHWORK PROGRAM SHOULD BE CONDUCTED UNDER THE SUPERVISION OF A SOILS LABORATORY.

THE IN-PLACE DENSITIES ACHIEVED ARE TO BE VERIFIED BY TEST

BACKFILL OPERATIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS AND GEOTECHNICAL SUBSURFACE INVESTIGATION REPORT.

BACKFILL MATERIAL SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION

PRIOR TO BACKFILL OPERATIONS AGAINST FOUNDATION WALLS, THE WALLS SHALL BE PROPERLY SHORED TO RESIST THE LATERAL FORCE OF THE BACKFILL AND ASSOCIATED EQUIPMENT. LATERAL SHORES MAY BE ELIMINATED WHERE THE FLOOR SLAB CONNECTING TO THE WALLS HAS ACHIEVED THEIR DESIGN STRENGTH

WHERE FINAL GRADES ARE APPROXIMATELY EQUAL ON BOTH SIDES OF A WALL, BACKFILL EQUALLY ON BOTH SIDES OF THE WALL IN LIFTS TO MAINTAIN LEVEL ELEVATIONS TO WITHIN 1'-0" AT ANY GIVEN TIME.

FOUNDATION SYSTEMS:

GENERAL

THE CONTRACTOR SHALL STUDY THE GEOTECHNICAL INVESTIGATION REPORT (REFER TO THE "EARTHWORK/SUBSURFACE INVESTIGATION" SECTION UNDER THE GENERAL NOTES") AND VISIT THE SITE PRIOR TO THE START OF ANY WORK. THE CONTRACTOR SHALL VERIFY ANY EXISTING FIELD CONDITION THAT MAY AFFECT THE INSTALLATION OF THE FOUNDATION SYSTEM.

THE CONTRACTOR SHALL EXERCISE GREAT CARE DURING EXCAVATION. UNDERGROUND UTILITY LOCATIONS, IF SHOWN, ARE APPROXIMATE. THE CONTRACTOR SHALL PREDETERMINE UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY IF DEVIATION FROM PLANS EXIST. THE CONTRACTOR IS RESPONSIBLE FOR THE SAFE SUPPORT OF UTILITIES ACROSS EXCAVATIONS.

SHEETING, SHORING, AND DEWATERING IS THE RESPONSIBILITY OF THE CONTRACTOR.

A SOILS TESTING LABORATORY SHALL BE RETAINED BY THE OWNER TO PROVIDE CONSTRUCTION REVIEW TO ENSURE CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS DURING THE EXCAVATIONS, BACKFILL, AND FOUNDATION PHASES OF THE PROJECT.

BOTTOM OF ALL EXTERIOR FOOTINGS/GRADE BEAMS SHALL BEAR A MINIMUM OF 1'-6" BELOW ADJACENT FINAL GRADE FOR CONFINEMENT.

SPREAD/TRENCH FOOTINGS:

BEARING ELEVATIONS ARE ESTIMATED FROM SOIL BORING DATA INDICATED IN THE GEOTECHNICAL SUBSURFACE INVESTIGATION REPORT. DETERMINATION OF FINAL BEARING ELEVATIONS, TOPSOIL AND EXCAVATION STRIPPING DEPTH, INSPECTION OF ALL SUBSOIL EXPOSED DURING STRIPPING, SITE GRADING, EXCAVATION OPERATIONS, APPROVAL OF FILL MATERIALS, DENSITY TESTING OF FILLS TO ENSURE PLACEMENT PER SPECIFICATION REQUIREMENTS, INSPECT FOUNDATION BEARING SURFACES. AND VERIFY ALLOWABLE BEARING PRESSURES IS THE TESTING LABORATORIES RESPONSIBILITY.

ALL FOUNDATIONS ARE TO REST ON FIRM UNDISTURBED SOIL OR COMPACTED FILL FREE FROM ORGANIC MATTER. IF POOR SOIL CONDITIONS ARE ENCOUNTERED AT FOUNDATION DEPTHS SHOWN, NOTIFY OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH CONSTRUCTION.

FOUNDATIONS HAVE BEEN DESIGNED BASED ON AN ALLOWABLE SOIL BEARING CAPACITY OF 3000 PSF.

NEW FOOTINGS PLACED ADJACENT TO EXISTING FOOTINGS SHALL BEAR AT THE SAME ELEVATION, UNLESS NOTED OTHERWISE.

STEP FOOTINGS AT A RATIO OF ONE (1) VERTICAL TO TWO (2) HORIZONTAL WITH A MAXIMUM VERTICAL STEP OF 2'-0" UNLESS NOTED OTHERWISE.

INUNDATION AND LONG TERM EXPOSURE OF BEARING SURFACES, WHICH WILL RESULT IN DETERIORATION OF BEARING FORMATIONS, SHALL BE PREVENTED. FOOTINGS SHALL BE PLACED IMMEDIATELY FOLLOWING FOOTING EXCAVATIONS AND BEARING SURFACE INSPECTION.

UTILITY LINES SHALL NOT BE PLACED THROUGH OR BELOW FOUNDATIONS WITHOUT THE APPROVAL OF THE ENGINEER OF RECORD.

STEEL JOISTS:

STEEL JOIST DESIGN, FABRICATION AND ERECTION SHALL CONFORM TO THE LATEST SPECIFICATIONS AND CODE OF STANDARD PRACTICE OF THE STEEL JOIST INSTITUTE OR AS SHOWN ON THE DRAWINGS.

PROVIDE HORIZONTAL AND/OR DIAGONAL BRIDGING PER SJI REQUIREMENTS.

DRAWINGS FOR ACTUAL MECHANICAL UNITS PURCHASED.

NO LIGHT GAGE FRAMING, MECHANICAL, ELECTRICAL, OR OTHER EQUIPMENT SHALL BE SUSPENDED FROM OR ATTACHED TO ANY INTERIOR BRIDGING.

AT ALL CONCENTRATED LOADS NOT LOCATED AT JOIST PANEL POINTS, HANGING FROM TOP OR BOTTOM

JOIST CHORDS, FIELD WELD ADDITIONAL WEB ANGLE 2x2x1/4 FROM LOAD LOCATION TO ADJACENT PANEL

GENERAL CONTRACTOR SHALL VERIFY ALL STRUCTURAL STEEL JOIST LOCATIONS, MECHANICAL UNIT WEIGHTS AND OPENING SIZES AND LOCATIONS WITH MECHANICAL CONTRACTOR AND VENDOR'S

CONCRETE:

ALL CONCRETE CONSTRUCTION SHALL CONFORM TO ACI 301-10, "STANDARD SPECIFICATION FOR STRUCTURAL CONCRETE" AND ACI 302, 305 AND 306 UNLESS NOTED OTHERWISE.

ALL DETAILING, FABRICATION AND PLACING OF CONCRETE SHALL CONFORM TO ACI 318-14. "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" AND THE LATEST ACI "MANUAL OF STANDARD PRACTICE FOR DETAIL REINFORCED CONCRETE STRUCTURES" UNLESS NOTED OTHERWISE

SAFETY AND PERFORMANCE OF THE STRUCTURE ARE THE RESPONSIBILITY OF THE CONTRACTOR INSOFAR AS THEY ARE AFFECTED BY THE LOCATION AND DETAILS OF CONSTRUCTION JOINTS. SHOP DRAWINGS OF THE PROPOSED CONSTRUCTION JOINT LOCATIONS AND DETAILS ARE TO BE SUBMITTED TO THE ARCHITECT FOR APPROVAL

ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH IN 28 DAYS AS FOLLOWS:

ALL CONCRETE - 4000 PSI

ALL CONCRETE EXPOSED TO WEATHER SHALL CONTAIN 6% (± 1%) AIR ENTRAINMENT.

REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60.

WELDED WIRE FABRIC REINFORCING SHALL CONFORM TO ASTM A1064 AND BE FURNISHED IN FLAT SHEETS AND INSTALLED ON CHAIRS OR PRECAST CONCRETE BLOCKS.

NO TACK WELDING OF REINFORCING IN THE FIELD IS PERMITTED.

PROVIDE CORNER BARS AT ALL LOCATIONS WHERE REINFORCEMENT CHANGES DIRECTION.

PROVIDE STRAIGHT AND DIAGONAL BARS AT EDGES OF ALL OPENINGS

REINFORCING EMBEDMENT AND LAP SPLICES (INCHES) FOR 4000 PSI CONCRETE

	OTHER		TOP*		
BAR SIZE	ANCHORAGE	SPLICE	ANCHORAGE	SPLICE	
#3	15	19	19	24	
# 4	19	25	25	33	
# 5	24	31	31	41	
#6	29	37	37	49	
#7	42	54	54	71	
#8	48	62	62	81	
#9	54	70	70	91	
#10	60	78	78	101	
#11	66	85	85	111	

* HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE BELOW BAR

MASONRY:

ALL BRICK MASONRY SHALL COMPLY WITH THE RECOMMENDATIONS OF BRICK INSTITUTE OF AMERICA (BIA AND LOCAL BUILDING CODE REQUIREMENTS.)

ALL CONCRETE MASONRY SHALL CONFORM TO "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" (ACI 530- 13/ASCE 5-13/TMS 402-16) AND "SPECIFICATION FOR MASONRY STRUCTURES" (ACI 530.1-13/ASCE 6-13/TMS 602-16) AND LOCAL BUILDING CODE REQUIREMENTS.

CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90, TYPE I OR II WITH MIN. COMPRESSIVE STRENGTH OF 2800 PSI.

ASTM C270, TYPE "S" MORTAR WITH A MINIMUM COMPRESSIVE STRENGTH OF 1800 PSI SHALL BE USED FOR ALL MASONRY WALLS.

GROUT TO FILL CORES SHALL BE ASTM C476, COARSE GROUT (3/8" MAXIMUM AGGREGATE) WITH A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI IN 28 DAYS.

REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60.

LAY MASONRY UNITS WITH FULL MORTAR COVERAGE ON HORIZONTAL AND VERTICAL FACE SHELLS. BED WEBS IN MORTAR IN STARTING COURSE OF FOOTINGS AND IN ALL COURSES OF COLUMNS AND PILASTERS, AND WHERE ADJACENT TO CELLS OR CAVITIES TO BE REINFORCED OR FILLED WITH CONCRETE OR GROUT

MASONRY SHALL BE LAID IN RUNNING BOND, UNLESS NOTED OTHERWISE.

VERTICAL REINFORCING LAP SPLICES SHALL BE 48 BAR DIAMETERS

PROVIDE HORIZONTAL JOINT REINFORCING WITH 9 GAGE SIDE AND CROSS RODS (GALVANIZED) SPACED AT 16" ON CENTER VERTICALLY. HORIZONTAL JOINT REINFORCING SHALL BE LAPPED A MINIMUM OF (2) CROSS BARS OR 6", WHICHEVER IS GREATER.

MAXIMUM GROUT POUR SHALL BE 5 FEET. CONSOLIDATE BY MECHANICAL VIBRATION.

MORTAR PROTRUSIONS, EXTENDING INTO CELLS OR CAVITIES TO BE REINFORCED AND FILLED, SHALL BE REMOVED.

GROUT A MINIMUM OF 16 INCHES x 24 INCHES WIDE UNDER ALL BEAM BEARINGS AND 8" UNDER ALL LINTEL BEARINGS.

GROUT A MINIMUM OF 8 INCHES x 24 INCHES WIDE UNDER ALL JOIST BEARINGS. GROUT CORES SOLID A MINIMUM OF ONE COURSE BELOW ANY CHANGE IN WALL THICKNESS.

FILL ALL BEARING POCKETS WITH SOLID MASONRY AFTER INSTALLING BEAMS.

WHERE THERE IS A CHANGE IN BOND BEAM ELEVATION, PROVIDE LAP BETWEEN BONDS BEAMS THROUGH 2 BARS OF VERTICAL REINFORCING OR 4 FEET, WHICHEVER IS GREATER.

ALL CORNERS ARE TO BE TIED BY MASONRY BOND.

ALL MASONRY WALLS SHALL HAVE VERTICAL CONTROL JOINTS AT APPROXIMATELY 20' O.C. COORDINATE EXACT LOCATIONS WITH ARCHITECTURAL DRAWINGS.

PROVIDE MATERIAL/MEANS TO DEBOND MORTAR FROM DISSIMILAR MATERIALS IN ALL VENEERS (I.E. CAST-STONE AND CLAY BRICK, CONCRETE BLOCK AND CLAY BRICK, ETC.)

METAL ROOF DECKING:

DECK AND ACCESSORIES SHALL BE CLEANED AND GIVEN A PHOSPHATE TREATMENT AND A SHOP PRIME COAT OF RUST INHIBITIVE PAINT.

DECK AND ACCESSORIES THAT ARE TO RECEIVE SPRAY FIREPROOFING SHALL BE GALVANIZED.

CONNECTIONS TO STEEL SUPPORTS SHALL BE FUSION TYPE WELDS PERFORMED BY COMPETENT WELDERS WHO HAVE QUALIFIED BY TESTS AS PRESCRIBED BY THE AMERICAN WELDING SOCIETY TO PERFORM THE TYPE OF WORK REQUIRED. THE FIRST AND LAST RIBS OF EACH SHEET MUST BE WELDED TO ALL SUPPORTS. END WELDS AND THOSE OCCURRING AT LAPS SHALL BE WELDED THROUGH ALL THICKNESSES. SIDE JOINTS SHALL BE MECHANICALLY FASTENED AT MID-SPAN (UNO)

OPENINGS SMALLER THAN 12" SQUARE ARE TO BE CUT BY INDIVIDUAL TRADE AND FLASHED BY

NO LIGHT GAGE FRAMING, MECHANICAL, ELECTRICAL OR OTHER EQUIPMENT SHALL BE SUSPENDED FROM OR ATTACHED TO ANY METAL ROOF DECK.

ROOFING/SIDING CONTRACTOR. ALL LARGER OPENINGS TO BE CUT AND FLASHED BY ROOFING/SIDING CONTRACTOR WITH OPEN EDGES SUPPORTED BY STRUCTURAL STEEL.

STRUCTURAL STEEL:

MATERIAL PROPERTIES:

W SHAPES: ASTM A992 (Fy = 50 KSI) M,S,C SHAPES: ASTM A36 UNO PLATE, ANGLES: ASTM A36 UNO ASTM A53, TYPE E OR S, GRADE B PIPE: TUBE: ASTM A500 GRADE B (Fy = 46 KSI)

DETAILING, FABRICATION, AND ERECTION SHALL CONFORM TO THE 2010 AISC SPECIFICATIONS.

FIELD CONNECTIONS SHALL BE BOLTED. BEARING TYPE UNLESS NOTED OTHERWISE USING 3/4" HIGH STRENGTH BOLTS CONFORMING TO ASTM A325. ONE SIDED CONNECTIONS ARE NOT PERMITTED UNLESS DETAILED ON DRAWINGS

GENERAL CONTRACTOR SHALL VERIFY ALL MECHANICAL EQUIPMENT LOCATIONS, OPENING DIMENSIONS AND WEIGHTS PRIOR TO STRUCTURAL STEEL FABRICATION. NOTIFY ENGINEER IF DIFFERENT FROM THAT

ALL CONNECTIONS TO TUBES AND PIPES SHALL USE THRU PLATES UNLESS NOTED OTHERWISE.

WHEN FORCES ARE NOT SHOWN, THE CONNECTION SHALL DEVELOP 1/2 OF THE ALLOWABLE UNIFORM LOAD AS SPECIFIED IN THE BEAM TABLES OF AISC (ASD). A MINIMUM OF 2 BOLTS SHALL BE USED.

ALL WELDING SHALL BE DONE USING E-70XX ELECTRODES IN ACCORDANCE WITH THE AWS D1.1

PROVIDE ANGLE 4x4x5/16 FRAMING AT ALL ROOF SUMP PANS AND OTHER OPENINGS TO SUPPORT EDGE

FIELD VERIFY ALL CONDITIONS AT AND CONNECTIONS TO THE EXISTING CONSTRUCTION BEFORE

FABRICATION. PRIME ALL STEEL NOT IN CONTACT WITH CONCRETE. DO NOT PRIME STEEL IN AREAS TO RECEIVE SLIP

ALL STRUCTURAL STEEL BEAMS AND COLUMNS ADJACENT TO MASONRY SHALL HAVE ADJUSTABLE MASONRY ANCHORS AT 2'-8" ON CENTER.

CRITICAL BOLTS (FRICTION BOLTS). DO NOT PRIME STEEL THAT IS TO RECEIVE FIREPROOFING.

COLD FORMED STEEL:

HAVING A GALVANIZED COATING MEETING THE REQUIREMENTS OF ASTM A653.

ALL SIZING BASED ON STEEL STUD MANUFACTURERS ASSOCIATION (ICBO ER-4943P) PRODUCT TECHNICAL INFORMATION.

ALL STUDS TO HAVE A MINIMUM 2" WIDE FLANGE U.N.O.

ALL GALVANIZED STUDS AND JOISTS 12, 14 AND 16 GAUGE SHALL BE FORMED FROM STEEL THAT CORRESPONDS TO THE MINIMUM REQUIREMENTS OF ASTM A653 SS, GRADE 50, CLASS 1 OR 3 WITH A MINIMUM YIELD OF 50,000 PSI.

CLOSURES AND ACCESSORIES SHALL BE FORMED FROM STEEL THAT CORRESPONDS TO THE REQUIREMENTS OF ASTM A653 SS, GRADE 33 WITH A MINIMUM YIELD OF 33,000 PSI. ALL GALVANIZED STUDS, JOISTS, TRACK, BRIDGING AND ACCESSORIES SHALL BE FORMED FROM STEEL

ALL GALVANIZED 18 AND 20 GAUGE STUDS AND JOISTS; ALL GALVANIZED TRACK, BRIDGING, END

THE PHYSICAL AND STRUCTURAL PROPERTIES LISTED BY THE STEEL STUD MANUFACTURER ASSOCIATION AND AISI DESIGN MANUAL SHALL BE CONSIDERED THE MINIMUM PERMITTED FOR ALL FRAMING MEMBERS. SPECIFICALLY, THE FOLLOWING MINIMUM PROPERTIES, CALCULATED IN ACCORDANCE WITH THE LATEST AISI SPECIFICATION SHALL BE PROVIDED: IX (IN.4), SX (IN.3), AREA (IN.2), RX (IN.), FY (KSI), RESISTING MOMENT (IN.-LB.).

ANY SUBSTITUTIONS MUST BE APPROVED IN WRITING PRIOR TO DELIVERY, BY THE ARCHITECT AND/OR ENGINEER OF RECORD.

INSTALLATION OF STUDS SHALL BE AS PER ASTM C1007-11a "INSTALLATION OF LOAD BEARING (TRANSVERSE AND AXIAL) STEEL STUDS AND RELATED ACCESSORIES", ASTM C955-11c "STANDARD SPECIFICATION FOR LOAD BEARING (TRANSVERSE AND AXIAL) STEEL STUDS, RUNNERS (TRACK), AND BRACING OR BRIDGING FOR SCREW APPLICATION OF GYPSUM PANEL PRODUCTS AND METAL PLASTER BASES", AND ASTM C754-11 "SPECIFICATION FOR INSTALLATION OF STEEL FRAMING MEMBERS TO RECEIVE SCREW ATTACHED GYPSUM PANEL PRODUCTS".

ALL FRAMING COMPONENTS SHALL BE CUT SQUARELY FOR ATTACHMENT TO PERPENDICULAR MEMBERS, OR AS REQUIRED FOR AN ANGULAR FIT AGAINST ABUTTING MEMBERS. MEMBERS SHALL BE HELD POSITIVELY IN PLACE UNTIL PROPERLY FASTENED.

ALL TRACK BUTT JOINTS ABUTTING PIECES OF TRACK SHALL BE SECURELY ANCHORED TO A COMMON STRUCTURAL ELEMENT, OR THEY SHALL BE BUTT-WELDED OR SPLICED TOGETHER.

ALL STUD BRIDGING SHALL BE ATTACHED IN A MANNER TO PREVENT STUD ROTATION. BRIDGING ROWS SHALL BE SPACED ACCORDING TO SUPPLIERS RECOMMENDATIONS.

JOIST SHALL BE LOCATED DIRECTLY OVER BEARING STUDS OR A LOAD DISTRIBUTION MEMBER SHALL BE PROVIDED AT THE TOP TRACK.

TEMPORARY BRACING SHALL BE PROVIDED UNTIL ERECTION IS COMPLETED.

JOIST BRIDGING SHALL BE COMPRISED OF SOLID BRIDGING AND FLAT STRAPPING. USE SOLID BRIDGING IN FIRST AND LAST TWO ROWS OF JOISTS. ATTACH FLAT STRAPPING TO TOP AND BOTTOM FLANGES OF JOISTS FROM THIRD ROW EXTENDING FOR A MAXIMUM OF 10'-0". REPEAT SOLID BRIDGING FOR ONE JOIST SPACE AND THEN ANOTHER 10'-0" OF FLAT STRAPPING. REPEAT. OMIT TOP FLANGE BRIDGING WHERE

PLYWOOD DECK IS PROPERLY ATTACHED TO THE TOP FLANGE OF JOISTS.

ROTATION.

JOIST SHALL BE BRIDGED AT MAXIMUM 4'-0" SPACING. END BLOCKING SHALL BE PROVIDED WHERE JOIST ENDS ARE NOT OTHERWISE RESTRAINED FROM

JOISTS MUST HAVE A MINIMUM OF 10" UNPUNCHED STEEL AT BEARING POINTS. STUDS MUST HAVE A MINIMUM OF 10" OF UNPUNCHED STEEL AT EACH END.

ATTACHED TO TRACK MEMBERS AT TOP AND BOTTOM. STUD BRIDGING SHALL BE PROVIDED BY 1-1/2" COLD ROLLED U-CHANNEL. THE U-CHANNEL MUST BE ATTACHED TO EACH STUD BY WELDING OR ATTACHING WITH CLIP ANGLES AND SCREWS. HORIZONTAL STRAPPING AND SOLID BRIDGING WITH TRACK MEMBERS CAN ALSO BE USED FOR BRIDGING. BRIDGING SHALL BE SPACED AT 4'0" O.C. MAXIMUM.

STUD ENDS MUST BE SQUARELY SEATED AGAINST THE TRACK WEB. BOTH STUD FLANGES MUST BE

THE FOLLOWING MINIMUM COLD FORMED STEEL ATTACHMENTS SHALL BE PROVIDED U.N.O.: TRACK TO STRUCTURAL STEEL____(1) .145"Ø POWDER DRIVEN FASTENER AT 16" O.C. TRACK TO METAL DECK_____(1) #10 TEK SCREW AT 16" O.C. TRACK TO CONCRETE (1) .145"Ø POWDER DRIVEN FASTENER AT 16" O.C. (1) L2x2x14 GAUGE CLIP ANGLE CONNECTION WITH (2) #10 TEK STUD TO STRUCTURAL STEEL _ SCREWS INTO METAL STUD AND (2) .145"Ø POWDER DRIVEN FASTENERS INTO STRUCTURAL STEEL. __(2) #10 TEK SCREWS TRACK TO STUD

STUD TO STUD ___(2) #10 TEK SCREWS PLYWOOD SHEATHING/DECKING:

WOOD APA-RATED STRUCTURAL SHEATHING SHALL CONFORM TO PRODUCT STANDARD PS-1 AND PS-2 OF THE U.S. DEPT. OF COMMERCE AND THE AMERICAN PLYWOOD ASSOCIATION (APA).

WALL SHEATHING SHALL BE 1/2" (32/16) EXPOSURE 1 AND ROOF SHEATHING SHALL BE 3/4" (48/24) EXPOSURE 1. ATTACH WITH #8 SCREWS AT 6" O.C. AT ALL SUPPORTED PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS.

330.572.2100 Fax: 330.572.2102

Akron, OH 44311

07/18/18 | REISSUED FOR BID

SITE NUMBER: 309797/420630 STORE NUMBER: 2018088.04 TACO BELL

20711 DIXIE HWY

MIAMI, FL 33186

01.08.18

DEC 2017

T40M-O

CONTRACT DATE:

BUILDING TYPE:

PLAN VERSION:

BRAND DESIGNER

OPEN KITCHEN

STRUCTURAL GENERAL NOTES

MODERN EXPLORER

SPECIAL INSPECTION AND TESTING:

THIS PROJECT REQUIRES SPECIAL INSPECTION AND TESTING IN ACCORDANCE WITH CHAPTER 17 OF THE FLORIDA BUILDING CODE. THESE NOTES AND THE STATEMENT OF SPECIAL INSPECTIONS PREPARED FOR THE PROJECT OWNER ARE INTENDED TO INFORM THE CONTRACTOR OF THE QUALITY ASSURANCE PROGRAM AND THE EXTENT OF THE CONTRACTORS RESPONSIBILITIES.

THE SPECIAL INSPECTIONS & TESTING PROGRAM:

THE SPECIAL INSPECTION AND TESTING PROGRAM IS A QUALITY ASSURANCE PROGRAM INTENDED TO ENSURE THAT THE WORK IS PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THESE INSPECTIONS ARE IN ADDITION TO THE INSPECTIONS SPECIFIED IN IBC SECTION 110. THE SPECIAL INSPECTION PROGRAM DOES NOT RELIEVE THE CONTRACTOR OF HIS OR HER RESPONSIBILITY TO COMPLY WITH THE OFFICIAL CONTRACT DOCUMENTS. FURTHER, IT IS NOT INTENDED THAT THE CONTRACTOR'S CONTRACTUAL AND STATUTORY OBLIGATIONS ARE ANYWAY RELIEVED OR FOREGONE BY THE PRESENCE OF THE SPECIAL INSPECTOR. THE CONTRACTOR HAS THE SOLE RESPONSIBILITY FOR ANY DEVIATIONS FROM THE OFFICIAL CONTRACT DOCUMENTS. THE SPECIAL INSPECTOR DOES NOT REPLACE THE DUTIES OF THE BUILDING OFFICIAL NOR THE QUALITY CONTROL RESPONSIBILITIES AND PERSONNEL OF HTE CONTRACTOR. JOB SITE SAFETY AND MEANS AND METHODS OF CONSTRUCTION ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.

THE PROJECT OWNER IS RESPONSIBLE FOR EMPLOYING SPECIAL INSPECTION SERVICES. THE SPECIAL INSPECTOR/AGENCY SHALL NOT BE IN THE EMPLOY OF THE CONTRACTOR, SUBCONTRACTOR OR MATERIAL SUPPLIER, IBC SEC. 1704.1. IN THE CASE OF AN OWNER/CONTRACTOR, THE SPECIAL INSPECTOR/AGENCY SHALL BE EMPLOYED AS SPECIFIED BY THE BUILDING OFFICIAL.

THE SPECIAL INSPECTOR IS OBLIGATED TO BOTH THE OWNER AND THE BUILDING OFFICIAL FOR OBSERVING THAT THE WORK IS EXECUTED IN SUBSTANTIVE ACCORDANCE WITH THE OFFICIAL CONTRACT DOCUMENTS. THE OFFICIAL CONTRACT DOCUMENTS ARE DEFINED AS THE PERMITTED PLANS AND SPECIFICATIONS, ADDENDA, CHANGE ORDERS, ISSUED SKETCHES AND REVISION DRAWINGS, AND ALL DIRECTIVES ISSUED BY ARCHITECT/ENGINEER.

THE INSPECTION AND TESTING AGENTS SHALL DISCLOSE ANY PAST OR PRESENT BUSINESS RELATIONSHIP OR POTENTIAL CONFLICT OF INTEREST WITH THE CONTRACTOR OR ANY OF THE SUBCONTRACTORS WHOSE WORK IS TO BE INSPECTED OR TESTED. THE SPECIAL INSPECTORS MAY HAVE NO FINANCIAL INTEREST IN PROJECTS FOR WHICH THEY PROVIDE SPECIAL INSPECTION SERVICES.

SPECIAL INSPECTION REPORT REQUIREMENTS:

SPECIAL INSPECTION REPORTS AND A FINAL REPORT IN ACCORDANCE WITH SECTION 1704.2.4 SHALL BE SUBMITTED TO THE BUILDING OFFICIAL PRIOR TO THE TIME THAT PHASE OF THE WORK IS APPROVED FOR OCCUPANCY.

REPORT REQUIREMENT: SPECIAL INSPECTORS SHALL KEEP RECORDS OF ALL INSPECTIONS. THE SPECIAL INSPECTOR SHALL FURNISH THE INSPECTION REPORTS TO THE BUILDING OFFICIAL. AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. REPORTS SHALL INDICATE THAT THE WORK INSPECTED WAS OR WAS NOT COMPLETED IN CONFORMANCE TO THE APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THEY ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE PRIOR TO THE COMPLETION OF THAT PHASE OF THE WORK. A FINAL REPORT DOCUMENTING THE REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY OF THE DISCREPANCIES NOTED IN THE INSPECTIONS, SHALL BE SUBMITTED TO THE BUILDING OFFICIAL PRIOR TO THE TIME THAT PHASE OF THE WORK IS APPROVED FOR OCCUPANCY.

CONTRACTOR RESPONSIBILITIES:

THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE SPECIAL INSPECTOR IN ADVANCE OF CONSTRUCTION SCHEDULES AND PLANNED OPERATIONS IN ORDER TO ASSURE TIMELY AND APPROPRIATE INSPECTION FOR THE ITEMS LISTED IN THE USING ASTM A325 OR A490 BOLTS." SCHEDULE OF SPECIAL INSPECTIONS. THE CONTRACTOR SHALL PROVIDE ADEQUATE NOTICE TO THE SPECIAL INSPECTOR FOR ALL INSPECTIONS.

THE CONTRACTOR SHALL COOPERATE WITH AND ASSIST THE SPECIAL INSPECTOR IN PERFORMING HIS INSPECTION DUTIES. THE SPECIAL INSPECTOR SHALL HAVE FREE ACCESS TO THE PROJECT AT ALL TIMES. THE CONTRACTOR SHALL REVIEW THE SPECIAL INSPECTION PLAN AND COORDINATE THE SCHEDULE OF WORK TO ACCOMMODATE THE REQUIRED INSPECTIONS.

PROVIDE ACCESS TO APPROVED PLANS: THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE SPECIAL INSPECTOR ACCESS TO APPROVED PLANS. THE CONTRACTOR SHALL MAINTAIN A CURRENT SET OF THE CONTRACT DOCUMENTS

CORRECT DISCREPANCIES AND DEVIATIONS: THE CONTRACTOR SHALL, UPON BEING INFORMED BY THE SPECIAL INSPECTOR, IMMEDIATELY CAUSE TO ELIMINATE SUCH DISCREPANCIES AND DEVIATIONS.

WORK COMPLETED WITHOUT INSPECTION: WORK REQUIRING INSPECTION WHICH IS COMPLETED WITHOUT INSPECTION WILL BE REJECTED SOLELY ON THAT BASIS.

RETAIN SPECIAL INSPECTION RECORDS: THE CONTRACTOR IS ALSO RESPONSIBLE FOR RETAINING AT THE JOB SITE ALL SPECIAL INSPECTION RECORDS COMPLETED BY THE SPECIAL INSPECTOR.

COORDINATE AND SUBMIT. THE CONTRACTOR IS RESPONSIBLE FOR PREPARING AND SUBMITTING TO THE BUILDING OFFICIAL AND THE OWNER A STATEMENT OF CONTRACTOR RESPONSIBILITY, IBC SECTION 1704.4, FOR THEMSELVES AND FOR SUBMITTING A STATEMENT OF CONTRACTOR RESPONSIBILITY FOR EACH STRUCTURAL COMPONENT SUBCONTRACTOR.

THE STATEMENTS OF RESPONSIBILITY SHALL BE SUBMITTED PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT.

A. THE STATEMENT OF CONTRACTOR RESPONSIBILITY SHALL CONTAIN THE FOLLOWING:

- ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE QUALITY ASSURANCE PLAN.
- 2. ACKNOWLEDGEMENT THAT CONTROL WILL BE EXERCISED TO OBTAIN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS APPROVED BY THE BUILDING OFFICIAL.
- 3. PROCEDURES FOR EXERCISING CONTROL WITHIN THE CONTRACTOR'S ORGANIZATION, THE METHOD AND FREQUENCY OF REPORTING AND THE DISTRIBUTION OF THE REPORTS.
- 4. IDENTIFICATION AND QUALIFICATIONS OF THE PERSONS EXERCISING SUCH CONTROL AND THEIR POSITIONS IN THE ORGANIZATION.
- B. STRUCTURAL COMPONENT SUBCONTRACTORS INCLUDE BUT ARE NOT LIMITED TO STRUCTURAL STEEL FABRICATORS AND ERECTORS. COMPONENT FABRICATORS, SUCH AS STEEL JOISTS, METAL OR WOOD TRUSSES, CONCRETE AND MASONRY CONTRACTORS.
- C. AT THE COMPLETION OF STRUCTURAL COMPONENT FABRICATION, THE FABRICATORS SHALL SUBMIT A CERTIFICATE OF COMPLIANCE STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COSTS OF:

RETESTING AND REINSPECTION OF MATERIALS, WORK AND/OR PRODUCTS THAT DO NOT MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND SHOP DRAWINGS/SUBMITTAL DATA.

REVIEW OF PROPOSED REPAIR AND/OR REPLACEMENT PROCEDURES BY THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE AND THE INSPECTORS AND TESTING AGENCIES.

REPAIR OR REPLACEMENT OF WORK THAT DOES NOT MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

THE CONTRACTOR IS RESPONSIBLE FOR THE TRAVEL COSTS OF THE SPECIAL INSPECTOR OR AGENTS WHEN SHOP INSPECTION IS REQUIRED OF A NON APPROVED STRUCTURAL COMPONENT FABRICATOR.

INSPECTION OF FABRICATION:

WHERE FABRICATION OF STRUCTURAL MEMBERS AND ASSEMBLIES ARE PERFORMED ON THE PREMISES OF THE FABRICATOR, THE SHOP FABRICATION REQUIRES SPECIAL INSPECTION DURING THE FABRICATION OF ITEMS FOR THIS PROJECT.

EXEMPTION:

FABRICATORS APPROVED BY THE BUILDING OFFICIAL ARE EXEMPT FROM THE ON PREMISE INSPECTION. THE APPROVAL BY THE BUILDING OFFICIAL OF ANY FABRICATOR SHOULD BE PROPERLY DOCUMENTED PRIOR TO THE COMMENCEMENT OF FABRICATION. EXEMPTION WILL BE PROVIDED TO FABRICATORS WHO PROVIDE PROOF OF CERTIFICATION BY A NATIONALLY RECOGNIZED GOVERNING ASSOCIATION WHICH PERFORMS PERIODIC INSPECTIONS AND MAINTAINS QUALITY ASSURANCE CRITERIA. EXAMPLES ARE: AISC CERTIFICATION FOR A STEEL FABRICATOR, SJI CERTIFICATION FOR A STEEL JOIST MANUFACTURER, WTC AND TPI CERTIFICATION FOR A PRE-ENGINEERED WOOD TRUSS MANUFACTURER.

AT THE COMPLETION OF FABRICATION, THE FABRICATOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE BUILDING OFFICIAL STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.

CONCRETE TESTING NOTES:

CONCRETE TESTING AND INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF ACI 318 AND THE SCHEDULE OF SPECIAL INSPECTIONS. SAMPLES FOR STRENGTH TESTS OF EACH CLASS OF CONCRETE PLACED EACH DAY SHALL BE TAKEN NOT LESS THAN ONCE A DAY, NOR LESS THAN ONCE FOR EACH 75 C.Y. OF CONCRETE USED FOR FOOTINGS, NOR LESS THAN ONCE FOR EACH 5000 SQUARE FEET OF SURFACE AREA FOR SLABS. TEST REPORTS INDICATING NON-COMPLIANCE SHALL BE PROVIDED TO THE OWNER, ARCHITECT & CONTRACTOR. A COPY OF THE TEST REPORTS SHALL BE AVAILABLE AT THE JOBSITE.

STEEL INSPECTION & TESTING NOTES:

STRUCTURAL STEEL TESTING AND INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE REFERENCED STANDARDS AND THE SCHEDULE OF SPECIAL INSPECTIONS.

FIELD BOLTED CONNECTIONS WILL BE TESTED AND INSPECTED ACCORDING TO RCSC'S "SPECIFICATION FOR STRUCTURAL JOINTS

FIELD WELDS SHALL BE INSPECTED AND TESTED ACCORDING TO AWS D1.1. IN ADDITION TO VISUAL INSPECTION, WELDED MOMENT CONNECTIONS WILL BE TESTED BY ULTRASONIC, ASTM E164, OR OTHER AWS APPROVED METHOD.

MASONRY INSPECTION & TESTING NOTES:

CONCRETE MASONRY TESTING AND INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF ACI 530 AND THE SCHEDULE OF SPECIAL INSPECTIONS. INSPECTION SHALL INCLUDE GENERAL INSPECTION OF WORK IN PROGRESS TO CONFIRM THAT MATERIALS, CONSTRUCTION AND WORKMANSHIP ARE IN COMPLIANCE WITH PLANS, SPECIFICATIONS AND GOOD CONSTRUCTION PRACTICES. ADDITIONALLY, MORTAR SHALL BE SAMPLED AND TESTED IN ACCORDANCE WITH ASTM C780 ANNEX A6. EACH TEST SHALL CONSIST OF THREE SPECIMENS.

FREQUENCY OF TESTING: AT THE BEGINNING OF MASONRY CONSTRUCTION AND FOR EVERY 5000 SQUARE FEET OF MASONRY INSTALLED THEREAFTER.

COLD WEATHER = LESS THAN 40 DEGREES FAHRENHEIT HOT WEATHER = GREATER THAN 90 DEGREES FAHRENHEIT

INSPECTOR TO BE CERTIFIED BY THE INTERNATIONAL CODE COUNCIL.

OTHER REQUIRED INSPECTIONS:

THE REQUIREMENTS OF SPECIAL INSPECTIONS AND TESTING IN ACCORDANCE OF THE INTERNATIONAL BUILDING CODE ARE MINIMUM REQUIREMENTS AND DO NOT LIMIT THE REQUIREMENTS FOR THE CONTRACTOR TO PROVIDE OTHER QUALITY CONTROL INSPECTIONS AND TESTING REQUIRED BY THE OWNER, CONTRACT DOCUMENTS, OR OTHER GOVERNING AUTHORITIES HAVING JURISDICTION

SCHEDULE OF SPECIAL INSPECTIONS

1704.2.5 INSPECTION OF FABRICATORS							
MATERIAL/ACTIVITY	SERVICE	APPLICABLE TO PROJECT					
		Y/N	EXTENT				
VERIFY FABRICATION/QUALITY CONTROL PROCEDURES	IN-PLANT REVIEW (3) DURING FABRICATION	Y	SPECIAL INSPECTIONS ARE NOT REQUIRED WHERE THE FABRICATOR IS REGISTERED AND APPROVED IN ACCORDANCE WITH SECTION 1704.2.5.1.				

MATERIAL/ACTIVITY	SERVICE	APPLI	CABLE TO PROJECT
	OLIVIOL .	Y/N	EXTENT
1. FABRICATOR AND ERECTOR DOCUMENTS (VERIFY REPORTS AND CERTIFICATES AS LISTED IN AISC 360, CHAPTER N, SECTION N3, PARAGRAPH 2 FOR COMPLIANCE WITH CONSTRUCTION DOCUMENTS)	SUBMITTAL REVIEW	Y	EACH SUBMITTAL
2. MATERIAL VERIFICATION OF STRUCTURAL STEEL HIGH-STENGTH BOLTS, NUTS, & WASHERS, & WELD FILLER MATERIALS.	SHOP (3) AND FIELD INSPECTION	Y	PERIODIC
3. EMBEDMENTS, VERIFY DIAMETER, GRADE, TYPE, LENGTH, & EMBEDMENT. (SEE 1705.3 FOR ANCHORS)	FIELD INSPECTION	Y	PERIODIC
4. VERIFY MEMBERS LOCATIONS, BRACES, STIFFENERS, AND APPLICATION OF JOINT DETAILS AT EACH CONNECTION COMPLY WITH CONSTRUCTION DOCUMENTS	FIELD INSPECTION	Y	PERIODIC
5. STRUCTURAL STEEL WELDING		_	
a. INSPECTION TASKS PRIOR TO WELDING OBSERVE, OR PERFORM FOR EACH WELDED JOINT OR MEMBER, THE QA TASKS LISTED IN AISC 360, TABLE N5.4-1)	SHOP (3) AND FIELD INSPECTION	Y	OBSERVE OR PERFORM AS NOTED (4)
D. INSPECTION TASKS DURING WELDING OBSERVE, OR PERFORM FOR EACH WELDED JOINT OR MEMBER, THE QA TASKS LISTED IN AISC 360, TABLE N5.4-2)	SHOP (3) AND FIELD INSPECTION	Y	OBSERVE (4)
c. INSPECTION TASKS AFTER WELDING OBSERVE, OR PERFORM FOR EACH WELDED JOINT OR MEMBER, THE QA TASKS LISTED IN AISC 360, TABLE N5.4-3)	SHOP (3) AND FIELD INSPECTION	Y	OBSERVE OR PERFORM AS NOTED (4)
d. NONDESTRUCTIVE (NDT) TESTING OF WELDED JOINTS:			
1) NOT USED			
2) COMPLETE PENETRATION GROOVE WELDS 5/16" OR GREATER IN RISK CATEGORY II	SHOP (3) OR FIELD ULTRASONIC TESTING - 10% OF WELDS MINIMUM	Y	PERIODIC
5) FABRICATORS NDT REPORTS WHEN FABRICATORS PERFORMS NDT	VERIFY REPORTS	Y	EACH SUBMITTAL (5)
3. STRUCTURAL STEEL BOLTING:	SHOP (3) AND FIELD INSPECTION		
a. INSPECTION TASKS PRIOR TO BOLTING OBSERVE, OR PERFORM TASKS FOR EACH BOLTED CONNECTION, IN ACCORDANCE WITH DA TASKS LISTED IN AISC 360, TABLE N5.6-1)			OBSERVE OR PERFORM AS NOTED (4)
o. INSPECTION TASKS DURING BOLTING (OBSERVE THE QA TASKS LISTED IN AISC 360, TABLE N5.6-2)			OBSERVE (4)
1) PRE-TENSIONED AND SLIP-CRITICAL JOINTS			
a) NOT USED			
o) DIRECT TENSION INDICATOR		Y	PERIODIC
c) TWIST-OFF TYPE TENSION CONTROL BOLT		Y	PERIODIC
2) SNUG-TIGHT JOINTS		Y	PERIODIC
:. INSPECTION TASKS AFTER BOLTING PERFORM TASKS FOR EACH BOLTED CONNECTION IN ACCORDANCE WITH QA TASKS LISTED IN AISC 360, TABLE N5.6-3)	SHOP (3) AND FIELD INSPECTION AND TESTING	Y	PERFORM (4)

T / D	LE 1.1 INCRECTION OR EVECUTION TACKS PRIOR TO SECUR	A C E N 4	CNT
IAB	LE 1.1 INSPECTION OR EXECUTION TASKS PRIOR TO DECK PL	ACEM	ENI
	TASK	Y/N	EXTENTS
Α	VERIFY COMPLIANCE OF MATERIAL, (DECK AND ALL DECK ACCESSORIES) WITH CONSTRUCTION DOCUMENTS, INCLUDING PROFILES, MATERIAL PROPERTIES, AND BASE METAL THICKNESS	Y	EACH SUBMITTALS
В	DOCUMENT ACCEPTANCE OR REJECTION OF DECK AND DECK ACCESSORIES	Y	EACH SUBMITTALS
TAB	LE 1.2 INSPECTION OR EXECUTION TASKS AFTER DECK PLAC	EMEN	Т
	TASK	Y/N	EXTENTS
Α	VERIFY COMPLIANCE OF DECK AND ALL DECK ACCESSORIES INSTALLATION WITH CONSTRUCTION DOCUMENTS	Y	PERIODIC
В	VERIFY DECK MATERIALS ARE REPRESENTED BY THE MILL CERTIFICATIONS THAT COMPLY WITH THE CONSTRUCTION DOCUMENTS	Y	PERIODIC
С	DOCUMENT ACCEPTANCE OR REJECTION OF INSTALLATION OF DECK AND DECK ACCESSORIES	Y	PERIODIC
TAB	LE 1.3 INSPECTION OR EXECUTION TASKS PRIOR TO WELDING	G	
	TASK	Y/N	EXTENTS
Α	WELDING PROCEDURE SPECIFICATIONS, (WPS) AVAILABLE	Y	PERIODIC
В	MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	Y	PERIODIC
С	MATERIAL IDENTIFICATION, (TYP/GRADE)	Y	PERIODIC
D	CHECK WELDING EQUIPMENT	Y	PERIODIC
TAB	LE 1.4 INSPECTION OR EXECUTION TASKS DURING WELDING		
	TASK	Y/N	EXTENTS
Α	USE OF QUALIFIED WELDERS	Y	PERIODIC
В	CONTROL AND HANDLING OF WELDING CONSUMABLES	Y	PERIODIC
С	ENVIRONMENTAL CONDITIONS, (WIND SPEED, MOISTURE, TEMPERATURE)	Y	PERIODIC
D	WPS FOLLOWED	Y	PERIODIC
TAB	LE 1.5 INSPECTION OR EXECUTION TASKS AFTER WELDING		
	TASK	Y/N	EXTENTS
Α	VERIFY SIZE AND LOCATION OF WELDS, INCLUDING SUPPORT, SIDELAP, AND PERIMETER WELDS.	Y	PERIODIC
В	WELDS MEET VISUAL ACCEPTANCE CRITERIA	Y	PERIODIC
С	VERIFY REPAIR ACTIVITIES	Y	PERIODIC
C			

1705.2.3 OPEN-WEB STEEL JOIST AND JOIST GIRDERS							
APPLICABLE TO PROJECT		REFERENCED STANDARD					
Y/N	EXTENT						
Y	PERIODIC						
Υ	PERIODIC	SJI SPECIFICATIONS LISTED IN SECTION 2207.1.					
Y	PERIODIC	SJI SPECIFICATIONS LISTED IN SECTION 2207.1.					
Y	PERIODIC						
	APPLIC Y/N Y Y	APPLICABLE TO PROJECT Y/N EXTENT Y PERIODIC Y PERIODIC Y PERIODIC					

MATERIAL/ ACTIVITY	APPL	ICABLE TO PROJECT	REFERENCE	IBC	
WINTERIAL ACTIVITY		EXTENT	D STANDARD	REFERENCE	
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	Y	PERIODIC	ACI 318 CH.20, 25.2, 25.3, 26.5.126.5.3	1908.4	
REINFORCING BAR WELDING: A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706	Y	PERIODIC	AWS D1.4 ACI 318: 26.5.4	-	
b. INSPECT SINGLE-PASS FILLET WELDS, MAX. 5/16" c. INSPECT ALL OTHER WELDS.	Y	CONTINUOUS PERIODIC			
3. INSPECT ANCHORS CAST IN CONCRETE.	Y	PERIODIC	ACI 318: 17.8.2	-	
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS.					
a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST	Y	PERIODIC	ACI 318: 17.8.2.4	-	
SUSTAINED TENSION LOADS. b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.a.	Y	PERIODIC	ACI 318: 17.8.2		
5. VERIFY USE OF REQUIRED DESIGN MIX.	Y	PERIODIC	ACI 318: CH. 19. 26.4.5, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3	
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMINS FOR STRENGTH TESTS, PREFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	Y	CONTINUOUS	ASTM C172 ASTM C31 ACI 318: 26.4.5, 26.12	1908.10	
7. INSPECT CONRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	Y	CONTINUOUS	ACI 318: 26.4.5	1908.6, 1908.7, 1908.8	
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	Y	PERIODIC	ACI 318: 26.4.7-26.4.9	1908.9	
9. INSPECT PRESTRESSED CONCRETE FOR: a. APPLICATION OF PRESTRESSING FORCES b. GROUTING OF BONDED PRESTRESSING TENDONS.	N N	CONTINUOUS CONTINUOUS	ACI 318: 26.9.2.1 ACI 318.26.9.2.3	-	
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	N	PERIODIC	ACI 318: CH 26.8	-	
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	N	PERIODIC	ACI 318: 26.10.2	-	
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	Y	PERIODIC	ACI 318: 26.10.1[b]	-	
13. CONRETE STRENGTH TESTING AND VERIFICATION OF COMPLIANCE WITH CONSTRUCTION DOCUMENTS.	Y	PERIODIC	-	-	

(a.) WHERE APPLICABLE, SEE ALSO SECTION 1705.12. SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE. (b.) SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2 IN ACI 318, OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFFESIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.

1705.6 SOILS					
MATERIAL/ACTIVITY	SERVICE	APPLIC	APPLICABLE TO PROJECT		
Witterwall	GERVICE	Y/N	EXTENT		
VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	FIELD INSPECTION	Y	PERIODIC		
2. VERIFY EXCAVATIONS ARE EXTEDNED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	FIELD INSPECTION	Y	PERIODIC		
3. PREFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	FIELD INSPECTION	Y	PERIODIC		
4. VERIFY USE OF PROPER MATERIALS, DENSITIES, & LIFT THICKNESSESS DURING PLACEMENT & COMPACTION OF COMPACTED FILL	FIELD INSPECTION	Y	CONTINUOUS		
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY	FIELD INSPECTION	Y	PERIODIC		

MATERIAL/ACTIVITY	SERVICE	APPLICA	BLE TO PROJECT
		Y/N	EXTENT
VERIFY MATERIALS, DETAILS AND INSTALLATIONS ARE PER THE APPROVED CONSTRUCTION DOCUMENTS. A. MANDATORY EXCEPT FOR APPLICATIONS INSTALLED OVER MASONRY OR CONCRETE WALLS, OR WHERE INSTALLED OVER A WATER RESISTIVE BARRIER WITH A MEANS OF DRAINING MIOSTURE TO THE EXTERIOR.	FIELD INSPECTION	Y	PERIODIC
INSPECTION OF WATER-RESISTIVE BARRIER OVER SHEATHING SUBSTRATE. A. MANDATORY WHERE WATER-RESISTIVE BARRIER COATING IS INSTALLED OVER SHEATHING SUBSTRATE.	FIELD INSPECTION	Y	PERIODIC (PER REQUIREMENTS OF ASTM E2570)

. THE INSPECTION AND TESTING AGENT OR AGENTS, SHALL BE ENGAGED BY THE OWNER OR THE OWNER'S AGENT, AND NOT BY THE CONTRACTOR OR SUBCONTRACTOR WHOSE WORK IS TO BE INSPECTED OR TESTED. ANY CONFLICT OF INTEREST MUST BE DISCLOSED TO THE BUILDING OFFICIAL PRIOR TO COMMENCING WORK. THE QUALIFICATIONS OF THE SPECIAL INSPECTOR AND/OR TESTING AGENCIES MAY BE SUBJECT TO THE APPROVAL OF THE BUILDING OFFICIAL AND/OR THE DESIGN PROFESIONAL. 2. SUBMIT A LIST OF THE SPECIAL INSPECTORS ON A SEPARATE DOCUMENT TO THE BUILDING OFFICIAL AND THE DESIGN

3. SPECIAL INSPECTIONS AS REQUIRED BY SECTION 1704.2.5 ARE NOT REQUIRED WHERE THE FABRICATOR IS APPROVED IN

ACCORDANCE WITH IBC SECTION 1704.2.5.1. 4. OBSERVE ON A RANDOM BASIS, OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS. PERFORM THESE TASKS FOR EACH WELDED JOINT, BOLTED CONNECTION, OR STEEL ELEMEN

5. NDT OF WELDS COMPLETED IN AN APPROVED FABRICATOR'S SHOP MAY BE PERFORMED BY THAT FABRICATOR WHEN APPROVED

1. SPECIAL INSPECTION: INSPECTION OF CONSTRUCTION REQUIRING THE EXPERTISE OF AN APPROVED SPECIAL INSPECTOR IN

ORDER TO ENSURE COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS 2. SPECIAL INSPECTOR: QUALIFIED FIRM OR INDIVIDUAL RESPONSIBLE FOR PERFORMING SPECIFIC TESTS OR INSPECTIONS AS PART

3. PERIODIC SPECIAL INSPECTION: THE PART TIME OR INTERMITTENT OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK HAS BEEN OR IS BEING PERFORMED AND AT THE COMPLETION OF THE WORK. MAY BE ALLOWED WHEN COMPLIANCE OF THE WORK OR PRODUCT CAN BE DETERMINED AFTER BEING INCORPORATED INTO THE STRUCTURE

4. CONTINUOUS SPECIAL INSPECTION: THE FULL TIME OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS BEING PREFORMED



07/18/18 | REISSUED FOR BID

CONTRACT DATE: 01.08.18 **BUILDING TYPE:**

PLAN VERSION: BRAND DESIGNER: SITE NUMBER:

STORE NUMBER:

TACO BELL

20711 DIXIE HWY.

MIAMI, FL 33186

T40M-O

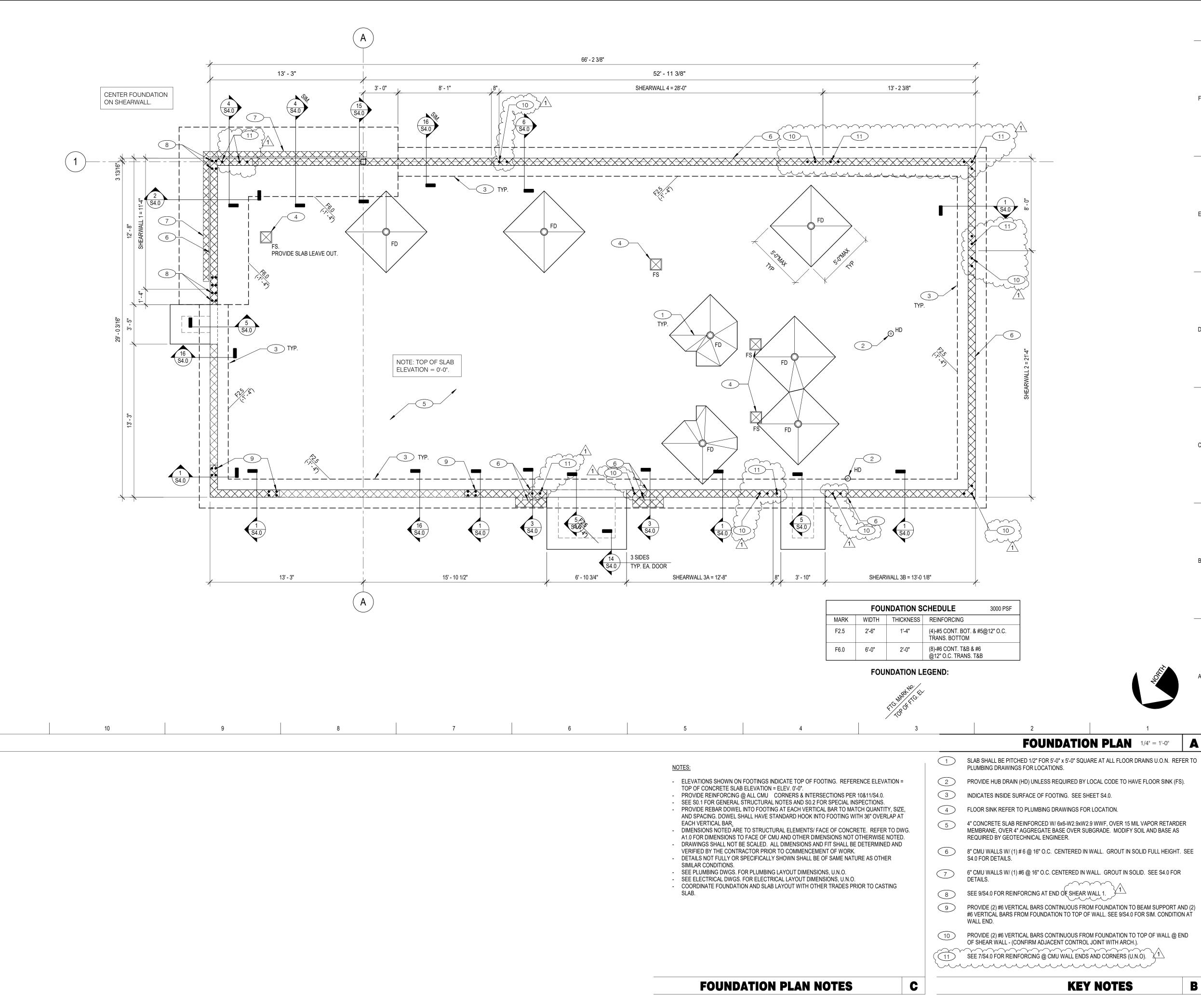
DEC 2017

309797/420630

2018088.04

OPEN KITCHEN MODERN EXPLORER

STRUCTURAL INSPECTIONS





07/16/18 CITY COMMENTS 04/06/18 ISSUED FOR PERMIT

CONTRACT DATE: 01.08.18 BUILDING TYPE: PLAN VERSION: DEC 2017

T40M-O

BRAND DESIGNER: SITE NUMBER: 309797/420630

STORE NUMBER: 2018088.04

TACO BELL

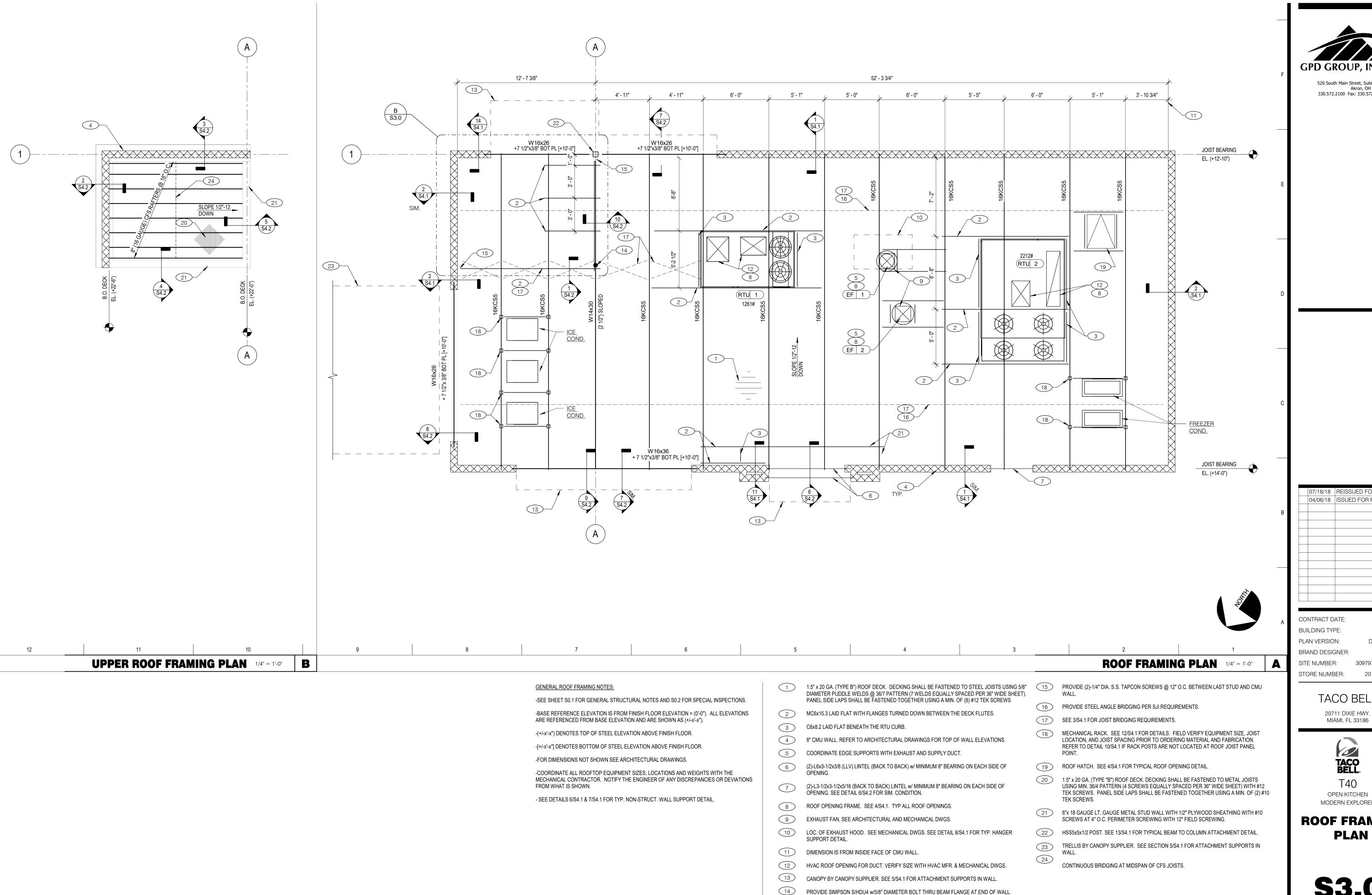
20711 DIXIE HWY.



OPEN KITCHEN

MODERN EXPLORER

FOUNDATION PLAN



ROOF FRAMING NOTES

520 South Main Street, Suite 2531 Akron, OH 44311 330.572.2100 Fax: 330.572.2102

07/18/18 | REISSUED FOR BID 04/06/18 ISSUED FOR PERMIT

CONTRACT DATE: **BUILDING TYPE:** DEC 2017 PLAN VERSION:

01.08.18

T40M-O

309797/420630 2018088.04

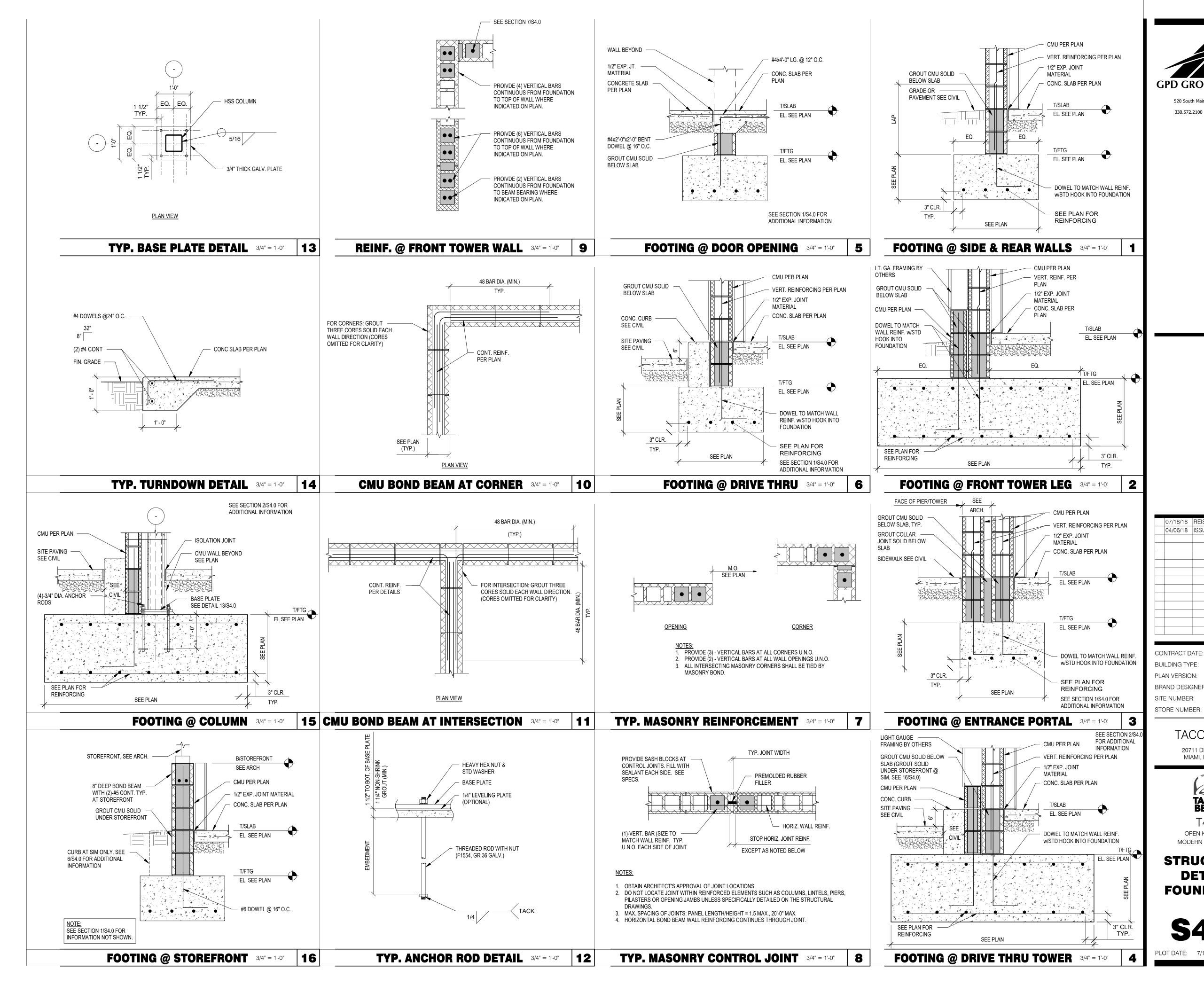
TACO BELL

OPEN KITCHEN

MODERN EXPLORER

ROOF FRAMING PLAN

KEY NOTES





07/18/18 | REISSUED FOR BID 04/06/18 ISSUED FOR PERMIT 01.08.18

CONTRACT DATE: **BUILDING TYPE:** PLAN VERSION: BRAND DESIGNER: SITE NUMBER:

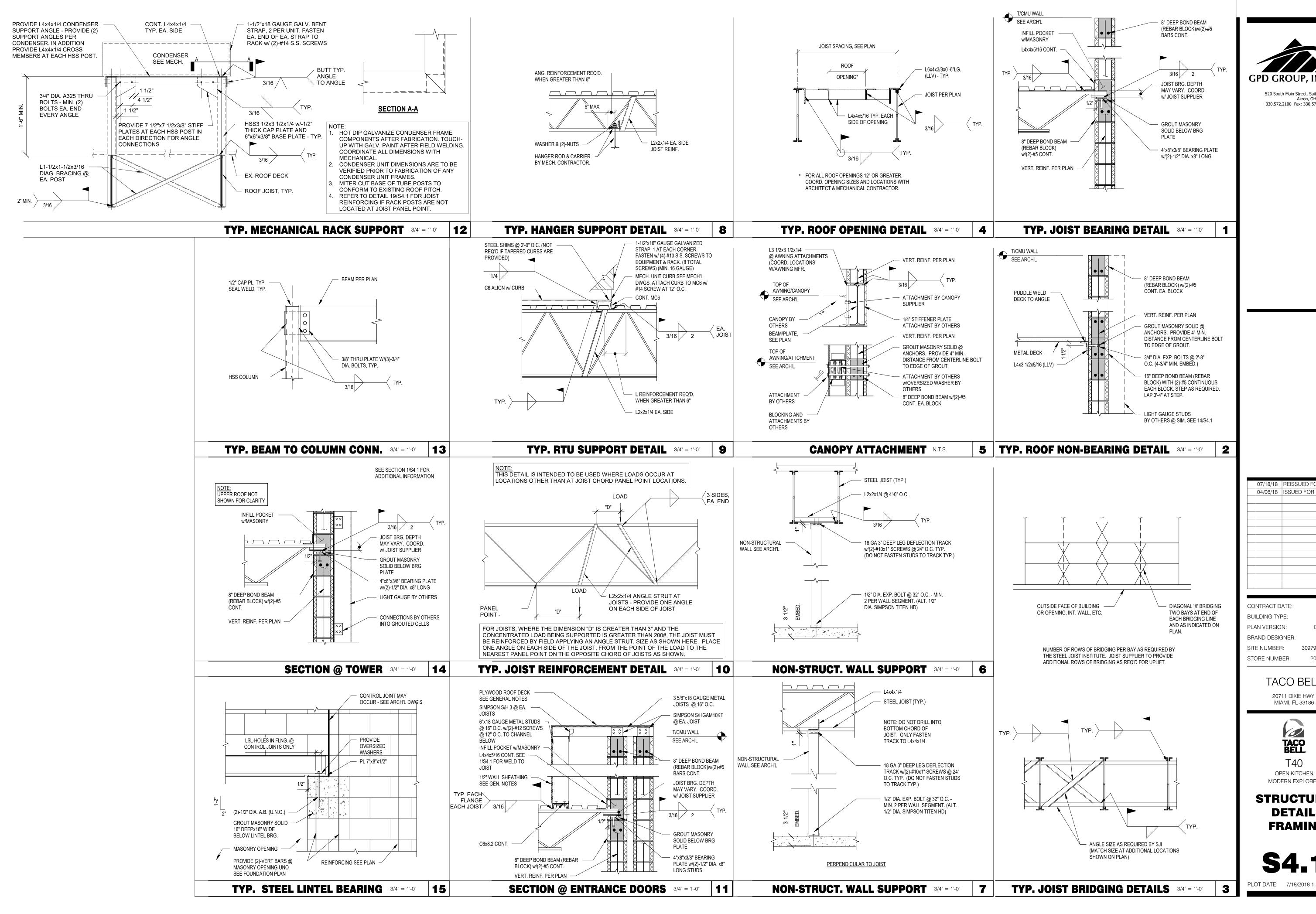
T40M-O

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OPEN KITCHEN MODERN EXPLORER

STRUCTURAL DETAILS FOUNDATION





07/18/18 | REISSUED FOR BID 04/06/18 ISSUED FOR PERMIT

01.08.18

T40M-O

DEC 2017

CONTRACT DATE: **BUILDING TYPE:** PLAN VERSION:

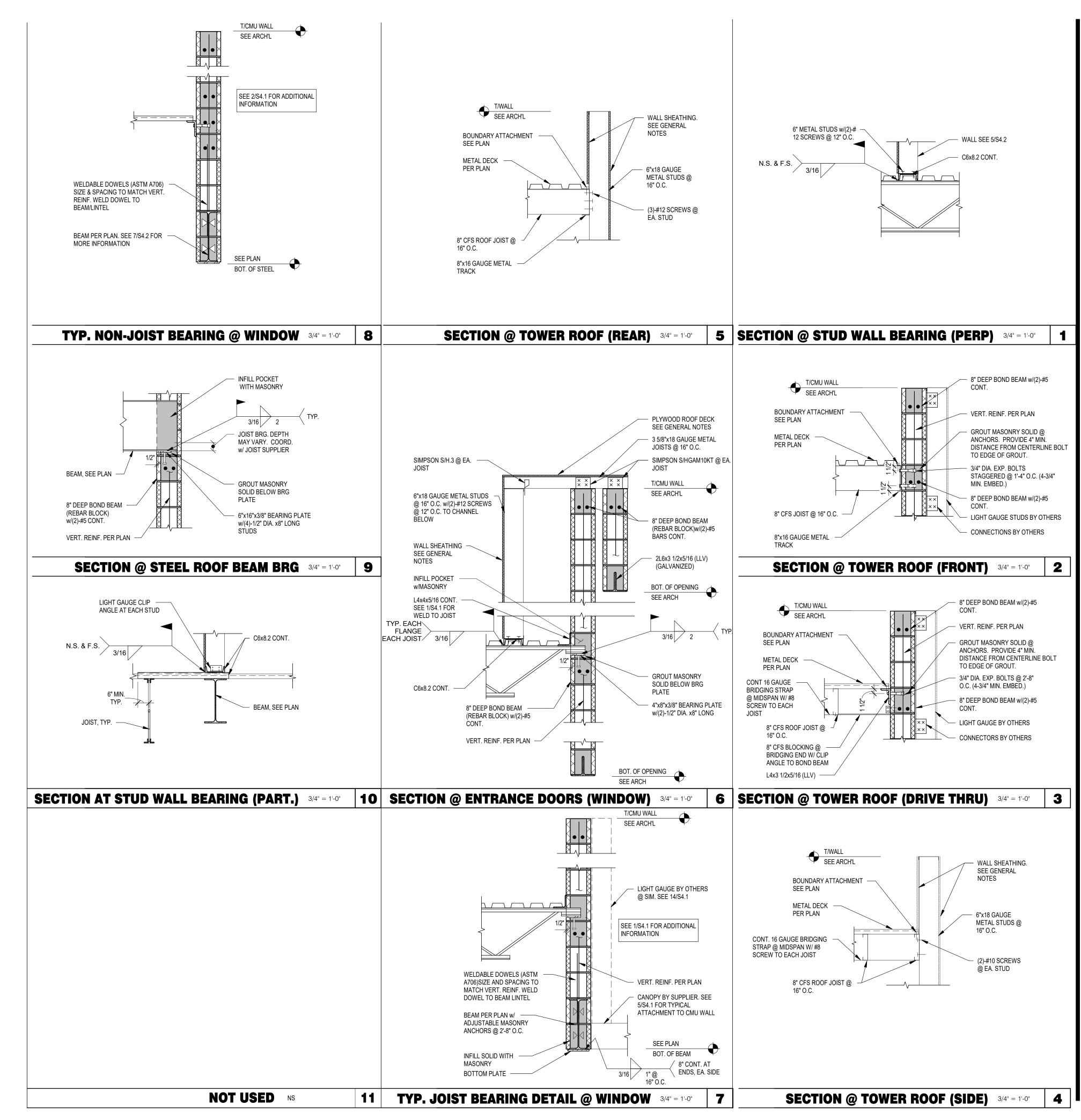
BRAND DESIGNER: SITE NUMBER: 309797/420630 2018088.04

> TACO BELL 20711 DIXIE HWY.



OPEN KITCHEN MODERN EXPLORER

STRUCTURAL DETAILS FRAMING





07/18/18 REISSUED FOR BID

01.08.18

T40M-O

CONTRACT DATE:
BUILDING TYPE:
PLAN VERSION:
BRAND DESIGNER:
SITE NUMBER: 309

TACO BELL



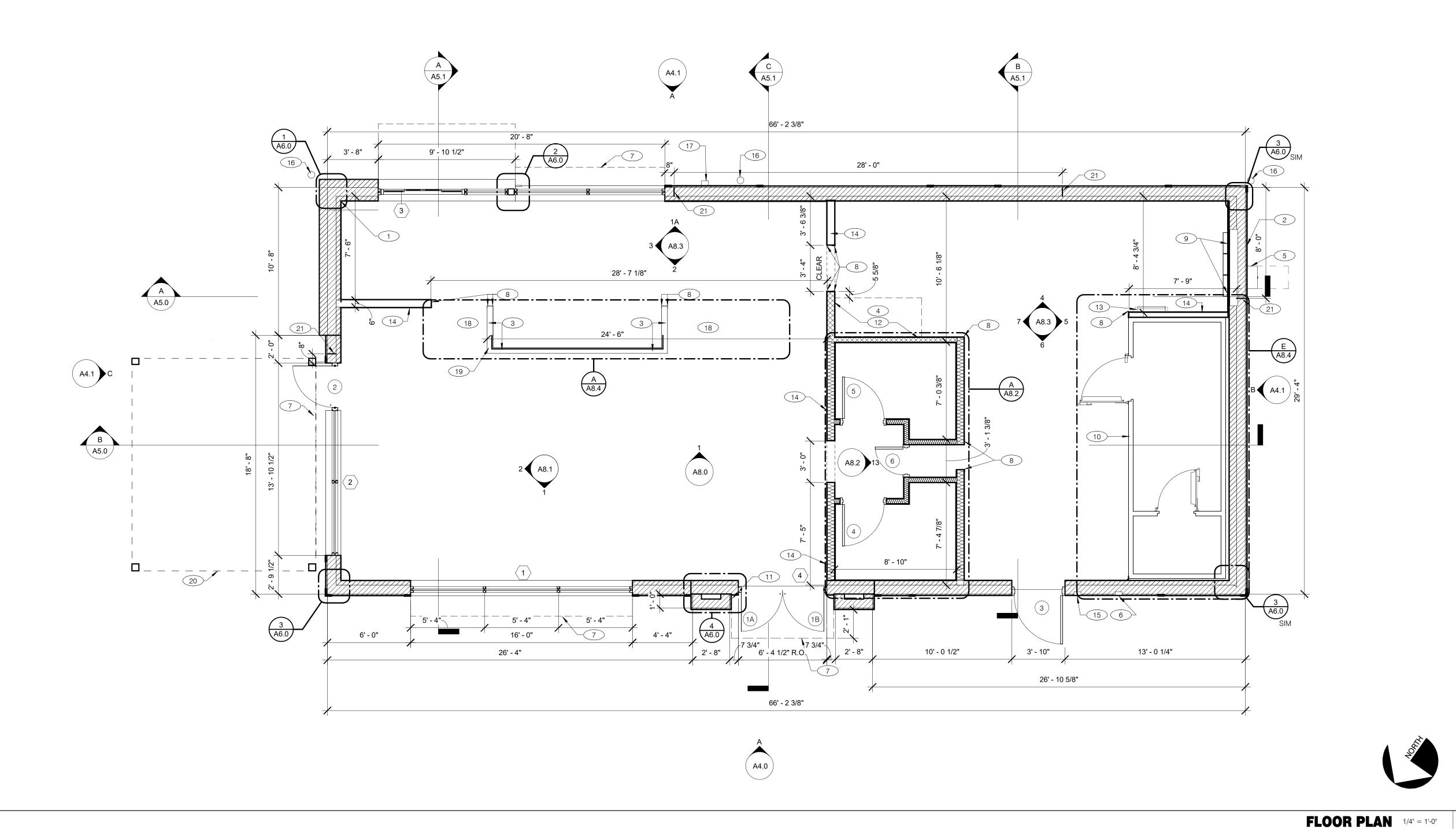
20711 DIXIE HWY. MIAMI, FL 33186

T40 OPEN KITCHEN MODERN EXPLORER

STRUCTURAL

DETAILS FRAMING

54.2PLOT DATE: 7/18/2018 1:26:24



CONTRACT DATE: 03.06.18 T40M-O BUILDING TYPE:

07/18/18 REISSUED FOR BID

Mark S. Salopek,

3638 West Galloway Drive Richfield, OH 44286 330.572.2100 Fax: 330.572.2102

BRAND DESIGNER: SITE NUMBER: 309797/420630 STORE NUMBER: 2018088.04

PLAN VERSION:

TACO BELL

DEC 2017

20711 S DIXIE HWY. MIAMI, FL 33186



OPEN KITCHEN MODERN EXPLORER

FLOOR PLAN

VENDOR PRIOR TO INT. WALL FRAMING. INSULATION U.O.N. GC SHALL PROVIDE BLUESKIN VP SELF 16 PIPE BOLLARD, SEE CIVIL DRAWINGS ADHERED AIR BARRIER ON OUTSIDE FACE OF CMU. 3 LOW WALL BY G.C., SEE DETAILS ON A8.3. COORDINATE WITH STRUCTURAL DRAWINGS. (17) 4"x6" ALUMINUM DOWN SPOUTS 600S162-33 METAL STUD WALL WITH 20 GA. S.S. SEE SHT. A1.1 FOR WINDOW TYPES AND DOOR SCHEDULE. 4 HOOD WALL, SEE EQUIPMENT PLAN A2.0 AND SCHEDULE A2.1 PANEL BEHIND HOOD. REFER TO DETAIL 1/M3.0 TYPICAL INTERIOR WALL: ALL DOOR AND WINDOW OPENING DIMENSIONS ARE TO ROUGH OPENING. 18 POS COUNTER / V-LINE HALF-WALL AND HAND-OFF PLANE BY GC 3-5/8" (20 GA) METAL STUDS AT 16" 0.C. (6" WHERE NOTED.) FOR EXTENT OF S.S. PANEL. PROVIDE 3-1/2" 5 ELECTRICAL MAIN SWITCH BOARD. REFER TO ELECT. DWGS. UNFACED FIBERGLASS BATT INSULATION. 19 ROUTE 1 1/2" CONDUIT IN LOW WALL FROM CHEESE MELTER LOCATION TO CUSTOMER DRINK STATION FOR FILTERED WATER CONNECTION. INTERIOR WALLS AND GYP. BD. SEPARATING DINING SPACE WITH OTHER AREAS TO EXTEND TO UNDERSIDE OF TRUSSES 6 CO2 FILL BOX LOCATION. SEE DETAIL 5/A6.1 PROVIDE 1/2" THICK CEMENTITIOUS BD. FROM FLOOR SLAB TO 48" A.F.F. MIN. IN LIEU OF GYP. BD. AT ALL WALLS EXCEPT SHEARWALL SURFACES, U.O.N. 20 PATIO CANOPY ABOVE. 7 LINE OF AWNING ABOVE (BY SIGNAGE VENDOR) ALL JOINTS, GAPS OR SPACES LEADING TO ALL HOLLOW OR INACCESSIBLE SPACES SHALL BE SEALED WITH "NSF INTERNATIONAL" APPROVED SEALANTS. WALL SUBSTRATES 8 S.S. CORNER GUARD / WALL CAP, TYP. ALL CORNERS IN BACK-OF-HOUSE FROM REAR WALL TO THE KITCHEN SIDE OF THE SERVICE COUNTER. SEE DETAIL 13&14/A6.5 21 MASONRY CONTROL JOINT LOCATION. SEE 15/S4.1 FOR HEIGHT AT LINTELS. OTHERS TO BE FULL ALL BACK OF HOUSE AND OFFICE WALLS SHALL HAVE 1/2" CDX PLYWOOD - <u>DINING ROOM</u>: HEIGHT TO BEARING SUBSTRATE, U.O.N. 1/2" GYPSUM WALLBOARD TO 6" ABOVE CEILING OR TO UNDERSIDE OF DECK WHERE EXPOSED SEE 8 & 15 / A6.5. (NOTE: THE CEMENT BOARD 9 RECESSED SWITCHGEAR / ELECTRIC PANELS, SEE ELECTRICAL DRAWINGS. SPECIFICATION IS DESIGNED TO ALLOW THE G.C. FLEXIBLITY.) - KITCHEN WALLS AND DINING ROOM CLOSET: PROVIDE THREE FIRE EXTINGUISHERS - (2) 10 lb. BC and (1) 10 lb. ABC - TO PRE-ENGINEERED MODULAR PANEL WALK-IN BOX (COOLER AND FREEZER). SITE ASSEMBLED. SEE EQUIPMENT PLAN A2.0 1/2" CEMENT WALLBOARD FROM T.O. SLAB WITH 1/2" CDX PLYWOOD W/FRP SURFACE FINISH TO 6" ABOVE CEILING HEIGHT U.O.N. IF DOUBLE SIDED COMPLY WITH LOCAL FIRE CODE. LOCATE PER DIRECTION OF FIRE MARSHALL OR SHEAR WALL PLYWD IS SPECIFIED THE PLYWOOD SHALL SHALL BE CONTINUOUS FROM SILL PLATE TO TOP PLATE. SEE 4 & 11 / A6.5. LOCAL AUTHORIZING AGENT. DRAWINGS ARE BASED UPON WOOD FRAMING. UTILIZATION OF METAL STUDS ON (11) KNOX BOX ON SIDE WALL @ 5'-0" A.F.F. NON-BEARING INTERIOR PARTITIONS, BULKHEADS AND SOFFITS IS ACCEPTABLE, 5/8" CEMENT WALLBOARD FROM T.O. SLAB TO 48" A.F.F. WITH 5/8" HI-IMPACT BRAND XP WALLBOARD, MOISTURE RESISTANT GYPSUM WALLBOARD FROM NON-COMBUSTIBLE METAL STUD CONSTRUCTION WITH TYPE 'X' GYP BOARD BEHIND HOOD, EXTEND MIN. 18" PAST HOOD ON EACH SIDE MAINTAIN DIMENSIONS T.O. CEMENT BOARD TO 6" ABOVE CEILING HEIGHT U.O.N.. NO SUBSTITUTIONS ALLOWED. FINISH AS SCHEDULED. SEE 12 /A6.5. 1/2" CEMENT WALLBOARD FROM T.O. SLAB TO 48" A.F.F., WITH 1/2" GYPSUM WALLBOARD FROM T.O. CEMENT BOARD TO 6" ABOVE CEILING HEIGHT U.O.N. 13 ROOF LADDER. SEE DETAIL G/8.4 FINISH AS SCHEDULED. **FLOOR PLAN NOTES** PLAN KEYNOTES N.T.S. **WALL LEGEND**

ALL DIMENSIONS ARE TO FACE OF CMU U.O.N. REFER TO FOUNDATION PLAN FOR

DIMENSIONS NOTED AS "CLEAR" OR "HOLD" ARE MIN. REQ'D. NET CLEARANCE

FROM FACE OF WALL / WAINSCOT FINISH. VERIFY FINAL EQUIPMENT SIZES W/

FACE OF CONC. DIMENSIONS.

TYPICAL INTERIOR WALL W/ 3-1/2" UNFACED

FIBERGLASS BATT INSULATION.

8" CMU WITH 3-5/8" (20 GA) METAL STUDS AT 16" O.C. ON

INTERIOR SIDE WITH R-19 KRAFT-FACED FIBERGLASS BATT

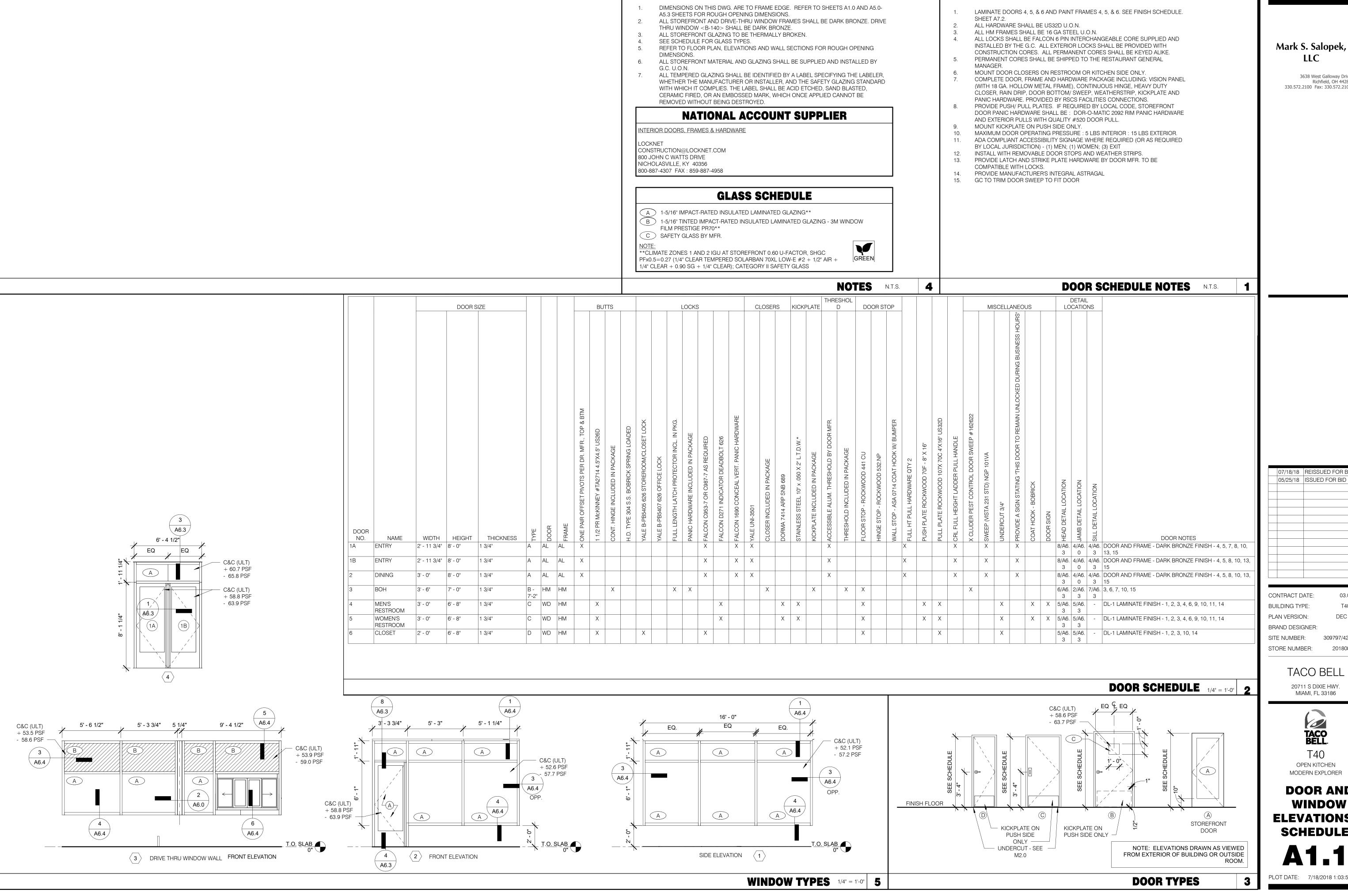
1 STARTING POINT. ALL SUB-TRADES SHALL USE THIS POINT AS A BEGINNING LAY-OUT

(INSIDE FACE OF EXT. WALL STUDS).

2 GAS SERVICE.

14 FULL HEIGHT WALL TO EXTEND TO BOTTOM OF THE ROOF DECK

15 HOSE BIB BOX AT 18" A.F.F. SEE DETAIL 7/A6.1



3638 West Galloway Drive Richfield, OH 44286 330.572.2100 Fax: 330.572.2102

07/18/18 | REISSUED FOR BID 05/25/18 ISSUED FOR BID

CONTRACT DATE: 03.06.18 **BUILDING TYPE:**

T40M-O

309797/420630

BRAND DESIGNER: SITE NUMBER: STORE NUMBER:

TACO BELL

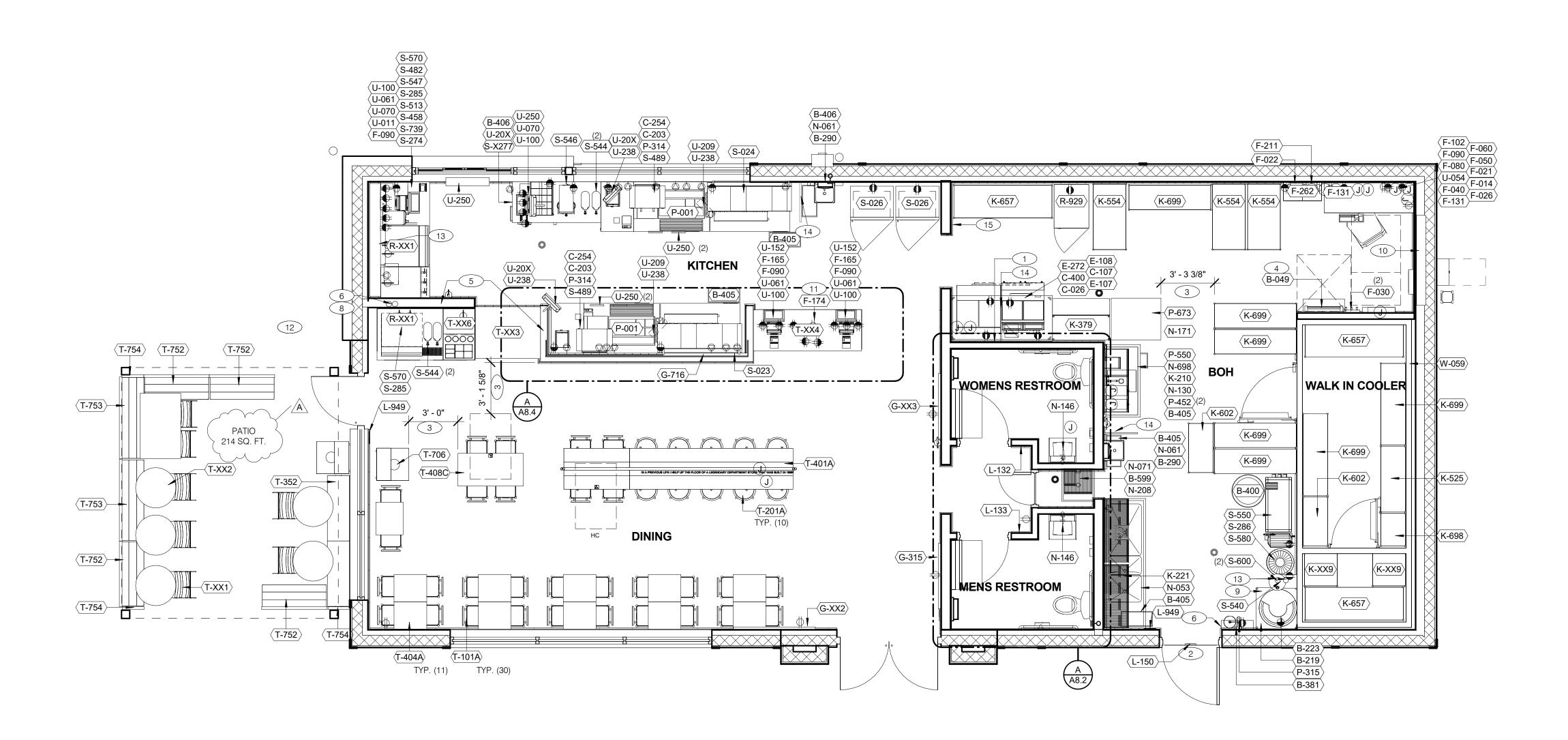
20711 S DIXIE HWY. MIAMI, FL 33186



OPEN KITCHEN MODERN EXPLORER

DOOR AND WINDOW

ELEVATIONS & SCHEDULES





												EQUIPMENT/ SEATING PLAN 1/4" = 1'-0"	4
SYM.	QTY	· .	ITEM	EQ#	COUNT	DESCRIPTION	ORDERING NO.					1 HOOD FIRE SUPPRESSION SYSTEM (ANSUL R-102 OR EQUAL)	
11A 11A 11A	30 10	CHAIR - WOOD SEAT/ METAL BACK 29" BARREL BARSTOOL HUB TABLE VENEER (WHITE INLAY)		G-315 G-716 G-XX2	1	TACO TYPOGRAPHY 54" V-LINE ARTWORK - CRUNCH WRAP TBD	G-315-X-00-12X54 G-716-1-N/A-62.375X39.5 TBD		E FOOTAGES:	SEATING	1	2 SEE SHEET A1.1 FOR SECURITY DOOR PACKAGE 3 MAINTAIN 36" MIN CLEAR AISLE EGRESS PATHS TO EXIT DOORS	
A C	11 1	24" X 20"TABLE TOP AND ROUND BASE 24" X 48" TABLE TOP AND DOUBLE BASE - ADA (CENTER) SINGLE TRASH ENCLOSURE		G-XX3		TBD	TBD	FOH BOH	658 SF 969 SF	INTERIOR *EXTERIOR	40 14	4 ROOF LADDER 5 COORDINATE WATER LINE THROUGH LOW COUNTER TO V-LINE	
	1 1 1 1	48" HAND OFF PLANE POS COUNTER BY IDX SAUCE AND SODA TABLE BY IDX CONDIMENT CONSOLE						TOTAL	1,627 SF		54 ITS MAY VARY DEPENDING PTION SELECTED.	6 BACKFLOW PREVENTER, SEE PLUMBING DRAWINGS 7 NOT USED. 8 COORDINATE LOCATION OF HORIZ PVC SYRUP CHASE THROUGH WALL TO COUNTER 9 6" HIGH WATER HEATER PLATFORM	
			FURNITURE PACKAGE E					SHELVI STORAG DRY COLD FROZEN	46 LI 25 LI	UIRED P	ROVIDED 6 LF 25 LF 0 LF	10 STANDARD SWITCHGEAR / ELECTRIC PANELS 11 SAFE 12 GC TO ENSURE EXTERIOR TRASH CAN ENCLOSURES ARE BOLTED TO FLOOR 13 6" PVC THRU CEILING FOR SYRUP LINES 14 SPLASH GUARD (REF. DETAIL 9/A6.5). 15 ALERT LIGHT BOX FOR 3-COMP POWER SOAK	
						ARTWORK SO	HEDULE		GENEDAI	INFORMATION	ON N.T.S. C	EQUIP SEATING KEYNOTES N.T.S.	

3638 West Galloway Drive Richfield, OH 44286 330.572.2100 Fax: 330.572.2102

	07/18/18	REISSUED FOR BID
Α	07/16/18	CITY COMMENTS
	05/25/18	ISSUED FOR BID

CONTRACT DATE: 03.06.18

BUILDING TYPE: T40M-O

PLAN VERSION: DEC 2017

BRAND DESIGNER:

SITE NUMBER: 309797/420630 STORE NUMBER: 2018088.04

TACO BELL

20711 S DIXIE HWY. MIAMI, FL 33186



140 OPEN KITCHEN MODERN EXPLORER

EQUIPMENT/ SEATING PLAN

A2.0

			E	QUIPMENT SCHEDULE	
NO.	QTY	G.C. INSTALL VD	ITEM DESCRIPTION	MFR. & MODEL NUMBER	SAS REMARKS
X251	1		DIAPER CHANGING STATION HORIZONTAL		
CONTRACTOR	R BUILDING	ELEMENTS		DDECICION //EL 104	45L4HAW/OHEVTENICIONI
049 050	1 .	X	ROOF LADDER ROOF HATCH	PRECISION #FL184 PRECISION LADDER #PH-G2'-6"X3'-0"	15'-4" W/ 8" EXTENSION 2'-6" X 3'-0" CLEAR OPENING
219	1 :	X	WATER HEATER DUNNAGE RACK	NEW AGE INDUSTRIAL CORP., INC #98147 X	X
223 241	3	X X	GAS WATER HEATER 97% HIGH EFFICIENCY 199 MBH, 100 GALLON SOAP DISPENSER (WALL MOUNT)	A. O. SMITH BTH 199 CYCLONE Mxi X KAY 3741	X
251		X	SANITIZER DISPENSER (WALL MOUNT)	KAY 3741	
253 265	2 2	X X	PAPER TOWEL DISPENSER / TRASH 12 GALLON MIRROR, 18" x 36"	BOBRICK #B-3944 BOBRICK #B-165-1836	
275	2	X	TOILET PAPER DISPENSER	BOBRICK #B-2890	
290 300	2	X X	PAPER TOWEL DISPENSER GRAB BAR 1-1/2" DIA. x 36" S.S. FIN.	BOBRICK #B-262 BOBRICK #B6806X36	
305		X	GRAB BAR 1-1/2" DIA. x 42" S.S. FIN.	BOBRICK #B6806X42	
310 381	1 1	X	GRAB BAR VERTICAL 1-1/2" DIA. x 18" S.S. FIN. CO2 CARBON DIOXIDE SENSOR/WARNING	BOBRICK #B6806X18 AMPROBE CO2-200 X	
400	<u> </u>	X	WASTE BASKET - 32 GALLON	RUBBERMAID #2632 (GREY)	
405 406	3	X	WASTE BASKET WASTE BASKET	RUBBERMAID SLIM JIM #3541 (GREY) RUBBERMAID 28 QT #2956 (BLACK)	
410	1	X	SANITARY NAPKIN RECEPTACLE	RUBBERMAID #6140	
599 XX1	<u> </u>	X X	MOP SINK STATION 60"W X 36"H DRIVE-THRU WINDOW	ISS #WST806Y QUICKSERV	
000//N0 50	U UDA AEN IT	,			
COOKING EQ 026	UIPMENT	X	FRYER	PITCO #TB-SSHLV14-2/FD X	X
107		X	RETHERMALIZER	PITCO #TB-SRTG14-2 X X	X
203 254	2 2	X	SPLIT LID CLAM SHELL TOASTER CHEESE MELTER (SINGLE)	DOUGHPRO #SL15775TBA (STAR OPTIONAL) X A. J. ANTUNES # CM-100 X X	POWERED BY PRODUCTION LINE POWERED BY PRODUCTION LINE
400		X	COOK TIMER	FAST #TBZAP12 X	FOR THE RETHERMALIZER
EXHAUST HO	ODS/FIRE SU	JPP.			
107	1	X	STRATOVENT 6'-3" EXHAUST HOOD	STRATOVENT MODEL # TBG365OSVBD6FT3IN X	HOOD IS PRE-PIPED FOR ANSUL SUPPRESSION
108 272	<u> </u>	X X	STRATOVENT 106"H X 111" L BACK SPLASH TIMER BRACKET	STRATOVENT MODEL #BACKSPLASH106X111FLA X	
			1		
OFFICE/EMPL 014	OYEE/MUSIC	C/MISC. X	FILE CABINET (2 DRAWER HIGH) 18" x 36" x 27"H	HON #582LL	IN OFFICE AREA. SEE SHEET A8.2
021	1	X	CHAIR - OFFICE	HON #4609AB10	IN OFFICE AREA. SEE SHEET A8.2
022 026		X X	LICENSE FRAME 8" X 10" (BLACK) DESK LAMP	CREATIVE PALETTE TB30 EURI# EL01E	IN OFFICE AREA. SEE SHEET A8.2 IN OFFICE AREA. SEE SHEET A8.2
030	2	X	COAT HOOKS	ISS #HOOK246R2Y	
040 050	1		OFFICE COMPUTER CREDIT CARD SATELLITE ROUTER JUNCTION	POS PROVIDED X YUM	IN OFFICE AREA. SEE SHEET A8.2
060	1		MONITOR - OFFICE	YUM	
-080 -090	5		OFFICE PRINTER/COPIER/FAX/SCANNER UPS (UN-INTERUPTABLE POWER SUPPLY)	POS PROVIDED X POS PROVIDED X	
-102	1		MONEY COUNTER	TELLER MATE #TIXR3000 X	
-131 -165	1	X	MUSIC SYSTEM DROP SAFE	MUZAK #6848 PERMA VAULT #PRO-10	
-174		X	SAFE WITH TOUCH SCREEN CONTROLS	BRINKS TIDEL SENTINAL SIDE VAULT X	
-211 -262		X X	CLOCK EMPLOYEE LOCKERS - 6 COUNT	B&B SYSTEMS #02100100 12 X 15 X 72 GREY	IN OFFICE AREA. SEE SHEET A8.2
270		X	FIRST AID KIT	PROSTAT FIRST AID LLC #2617	IN OFFICE AREA. SEE SHEET A8.2
WORKSTATIO	NS/SHFI VIN	G/CARTS			
-210	1	X	PREP SINK WORKSTATION 50" TRACK	ISS #WST255E	
221 379	1	X	3 COMP SINK WORKSTATION 96" TRACK FRY WORKSTATION 42"W x 30"D x 75"H	ISS #DS-1F ISS # WST1710E	
525	1		48X18 5-TIER RACK SHELVING	ISS #TBD	
-554 -602	3		48X24 5-TIER RACK SHELVING 36X18 5-TIER RACK SHELVING	ISS #TBD ISS #TBD	
657	3		72X24 5-TIER RACK SHELVING	ISS #TBD	
698 699	7		24X18 5-TIER RACK SHELVING 60X18 5-TIER RACK SHELVING	ISS #TBD ISS #TBD	
750	1 :	Х	WATER SOFTENER UNIT HOLDER 14"X30"X9"	ISS #WATRK230Y	OPTIONAL INSTALL
XX9	2		24X24 5-TIER RACK SHELVING	ISS #TBD	
LIGHTING/SIG	NAGE/MENU	JBOARDS			
132 133	1		SIGN- TACO BELL RESTROOM WOMEN WITH BRAILLE 10"X6.5" SIGN- TACO BELL RESTROOM MEN WITH BRAILLE 10"X6.5"		
150	1	X	SECURITY DOOR DANGER SIGN	ADVERCO#ADVCUSTOM	ORDERED DIRECT FROM YRFS
949 XX1	4	X	NO SMOKING SIGN INTERIOR MENU BOARD DISPLAYS	VOLLRATH #4513 LG #TBD	
^^1	I		INTERIOR MENU BOARD DISPLATS	LG #1bD	
SINKS/DISHW		v	2 COMP POWER COAK OF ILLY 21 IID (ILTO D)	METODAET #TDD	W/ DDE DINICE CLICK & CLEAN CVCTEM & (0) T & CD 046
053]	X	3-COMP POWER SOAK 95"L x 31"D (L TO R)	METCRAFT #TBD X X	W/ PRE-RINSE, CLICK & CLEAN SYSTEM & (2) T & SB-246 FAUCETS OPTIONAL - N-706, N-075, N-076, N-077, N-078
062 071	2	X	HAND SINK WITH FAUCET MOP SINK FAUCET	AERO #HSK-A X T&S #B-2465 X	
130	1	X	1 COMP SINK FAUCET	T&S FAUCET B-2465 X	
146 171		X	FAUCET (RESTROOMS) 1 COMP. SINK WASTE DRAIN LEVER	SLOAN # SF-2350 X T&S FAUCET S-20 X	FRANCHISE OPTION N-164 T&S B-2460 2" TWIST TYPE, FOR N-698
208		X	MOP SINK 24"X24" FLOOR MOUNT SINK	AERO MANUF. CO., INC. #3MP-2121-6/1P X	INCLUDES (2) 24"X36" WALL PANELS
698	1	Х	1 COMP PREP SINK 53"W X 27"D X 35 1/2"H	AERO #2F1211617LR X	
FOOD PREPAI	RATION				
001	1	X	V-LINE		
002 314	2	X X	V-LINE WATER PRESSURE REGULATOR KIT	A.J. ANTUNES & CO #7000314 X	FOR PRODUCTION LINE
315	1	X	REVERSE OSMOSIS SYSTEM	CUNO #FSTM-07 X	REQUIRES FLOOR SINK
417	1 2	X X	8 CHANNEL TIMER HOT WATER SYSTEM	FAST # KTRACK 2X4 TB X BUNN-MACHINE #43600.0014 X X	ALTERNATE- PRINCE CASTLE # 755HM8TB
550		X	KNIFE RACK	EDLUND #KR-699	
673	1		WORKTABLE, 36" x 30"	ISS #WST908YA	
ATIO					LADOE
080	1		SINGLE TRASH ENCLOSURE		LARGE
	1 2 1		SINGLE TRASH ENCLOSURE EXTERIOR PATIO BENCHES - 48" 30" X 48" PLYWOOD TABLE TOP ADA		LARGE LARGE LARGE

		E	EQUIPMENT SCHEDULE				
NO.	G. C. INSTALL	ITEM DESCRIPTION	MFR. & MODEL NUMBER	PLUMB	ELECT	GAS	REMARKS
753	2	RAILING + BENCH 60"			T		LARGE
	3	16" EXTERIOR RAILING			+	+	LARGE
	7	VEKINAS SIDE CHAIR BY KIAN					LARGE
7011	5	INTERLACE DINING TABLE BY KIAN					LARGE
7012		THE TOTAL PROPERTY OF THE PROP					Billoc
REFRIGERATION	V						
	1 X	FULL HT FREEZER (RH HINGED)	DELFIELD #GBF1P-SH		X		OPTIONAL: R-038 U/C FREEZER - DELFIELD #407CA-DHL-TB3
R-XX1	2 X	REMOTE ICE CUBE MACHINE	MANITOWOC	X	X		
			1	'			
SERVING/DRIVE	-THRU						
5-023	1 X	WARMER EVO TACO TOWER TB 208V - R TO L UNIT	CARTER HOFFMAN # EVOL208		Χ		MOUNT TO PRODUCTION LINE
5-024	1 X	WARMER EVO TACO TOWER TB 208V - L TO R UNIT	CARTER HOFFMAN # EVOR208		Х		MOUNT TO PRODUCTION LINE
-026	2 X	HEAT CABINET - FULL HEIGHT - (1) RH	CRESCOR #H137S27D1TB		X		
i-204	1 X	DRIVE-THRU TIMER SYSTEM	HME #C11422TB		Х		
5-254	1	CONDIMENT RACK	PRONTO PRODUCTS #CHPWO446				
-274	1 X	61"(W) X 36"(D) DRIVE-THRU DRINK / POS TABLE	SPG WST1242YA				
5-284	1 X	BEVERAGE DISPENSER		X	X		
i-285	1 X	BEVERAGE DISPENSER		X	X		OR CORNELIUS IDC255 PROGATE 5 (BY PEPSI)
i-286	1 X	WATER FILTER SYSTEM	SHURFLO #WB6-M3-22-003	X	X		FRANCHISEES CAN USE SELECTO #TB5/620-5
-444	1	NAPKIN DISPENSER	SCA TISSUE #5555100				
G-458	1 X	24"(W) X 36"(D) FRUTISTA TABLE	SPG WST1343Y				
	3	CUP DISPENSER					
	2	DIGITAL SCALE	EDLUND DS-10				FRANCHISEES CAN USE HOSHISAKI KMS-1230
i-513	1 X	ICE MAKER PLACED ON TOP OF DRINK MACHINE	MANITOWOC # IY-1474C	X	X		WITH REMOTE MOUNTED CONDENSORS
	1 X	PEPSI BOOSTER TANK		X			SEE SCOPE OF WORK (PEPSI)
	2	TEA URNS	BUNN TDO-N-3.5		+	+	3.5 GAL NARROW ICED BEVERAGE DISPENSER
G-546	1 X	ICED TEA BREWER	TETLEY TB3Q	X	X		0.0 G/ (E 14/) THE OVER THE BILLIAN COLOR
i-547	1	BUNN POD BREWER	MY CAFE AP AUTOPOD # 42300.0008		X		+
-550	1	BAG-IN-BOX SYRUP RACK	CORNELIUS/REMCOR BNB12B8P	X			FLO-3REG-2CRB (BY PEPSI)
	2	CARBONATOR	CORNELIUS/REMCOR		X		SHELF MOUNTED BELOW EACH DRINK (BY PEPSI)
-580	1	CO2 (BULK) TANK	MVE #11805373		 		OFFICE WOOTVED BELOW EXOTED THINK (BTT ET CI)
	2 X	BUNDLED SYRUP LINES	CORNELIUS/REMCOR TUBE BUNDLE	X	+		+
-739	1 X	FROZEN BEVERAGE DISPENSER	FBD #1273610021	X	X		+
-740	1	REMOTE CONDENSOR FOR FROZEN BEVERAGE DISPENSER	FBD #12-3003-0006	X			
-X349 / S-X277	1	PICK-UP DRIVE-THRU COUNTER (30" x 42") WITH 24" CONDIMENT STAND	LPSPG #WST 1344Y				
-XX2	1 X	FLY FAN	TBD		1		
		'					
SECURITY/COM	M./FIRE PROTS/PC	OS					
J-011	1	BASE STATION - D/T COMM. SYSTEM	HME-HEADSET SYSTEM,FIVE,#C40000-5-HS3-TB				
I-20X	3	VERTICAL MONITOR SUPPORT ARM					
l-052	1 X	SECURITY SYSTEM	ADT #3BCZTB		Χ		
-054	1 X	CCTV DVR & MONITOR	MARTCO - NUVICO DVR		Χ		
-061	4	CREDIT CARD READER (VSAT)			Χ		
-070	2	RECEIPT PRINTER	IBM, NCR & PAR		Х		
l-100	4	POS/ORDER ENTRY TERMINAL	IBM, NCR & PAR		Х		
-121	1	CASH DRAWER BRACKETS	IBM, NCR & PAR				SEE SCOPE OF WORK
	3	CASH DRAWER	IBM, NCR & PAR				
	2	EVO MONITOR SUPPORT ARM	FACILITIES SOLUTIONS #SW550340-24				
	6	KITCHEN MONITOR	IBM, NCR & PAR		X		
	6	BUMP BAR	IBM, NCR & PAR		+	+	WITH MOUNTING PLATE

ICS/NORLAKE

X X

W WALK-IN COOLERS/FREEZERS

1 X WALK-IN COOLER/FREEZER

Mark S. Salopek, LLC

3638 West Galloway Drive Richfield, OH 44286 330.572.2100 Fax: 330.572.2102

07/18/18	REISSUED FOR BID
05/25/18	ISSUED FOR BID

CONTRACT DATE: 03.06.18

BUILDING TYPE: T40M-O

PLAN VERSION: DEC 2017

BRAND DESIGNER:

SITE NUMBER: 309797/420630 STORE NUMBER: 2018088.04

TACO BELL

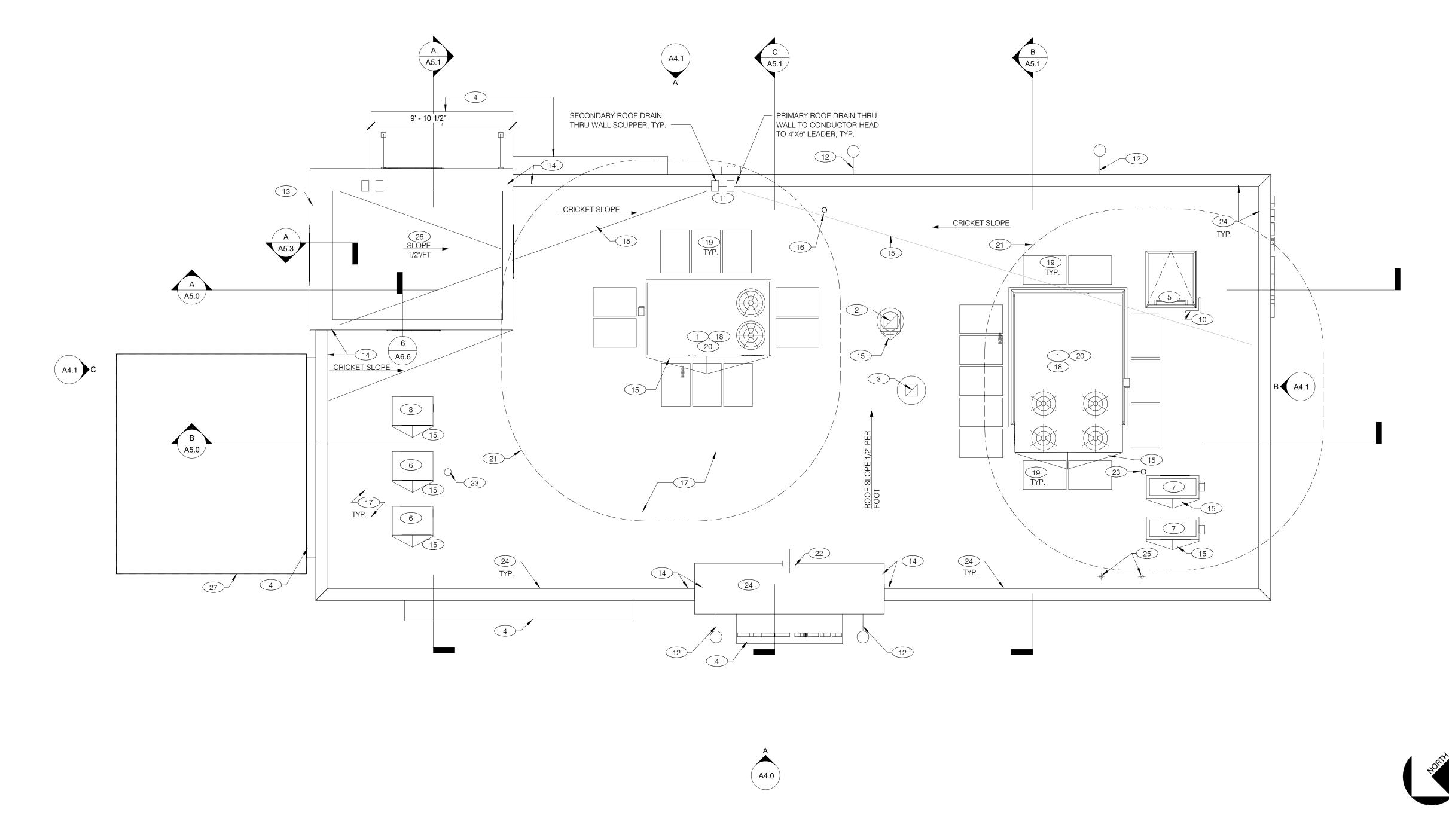
20711 S DIXIE HWY. MIAMI, FL 33186



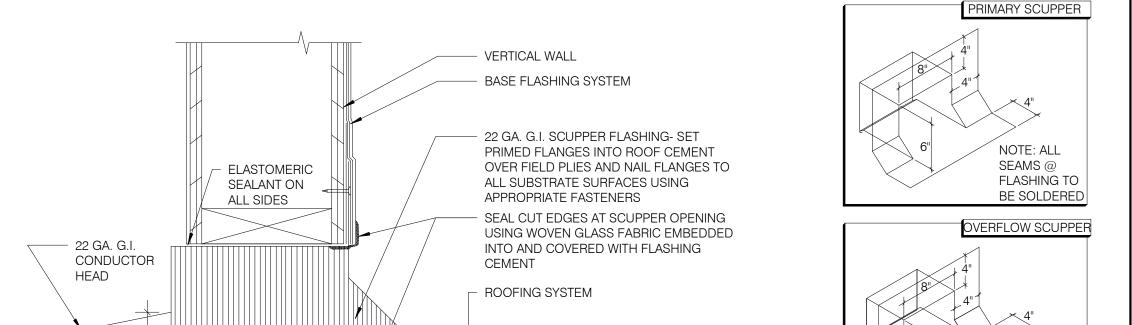
T40 OPEN KITCHEN MODERN EXPLORER

EQUIPMENT SCHEDULE

A2.1







CAP SHEET

FLASHING

- <u>VATERPROOFING:</u> A. PAINT UNDERSIDE OF PARAPET CAP FLASHING WITH FACTORY BONDED PAINT GRIP OR
- TOP NAILING AT PARAPET CAP FLASHING WILL NOT BE ACCEPTED.
- PENETRATIONS IN ROOFING MEMBRANE AND FLASHING SHALL ONLY BE MADE AS INDICATED ON THE DRAWINGS OR SPECS.
- SEE SPECIFICATIONS FOR SEALANT SPECS.
- ALL SHEET MTL FLASHING SHALL BE 22 GA MIN.

SEAMS @

SCUPPER FLASHING N.T.S.

FLASHING TO

BE SOLDERED

D

ROOF PENETRATIONS CLOSER THAN 12" FROM ANOTHER WILL NOT BE ALLOWED. . EXHAUST FANS MIN. 10'-0" AWAY FROM ALL AIR INTAKE / SUPPLY.

- LOCATE WALK-IN CONDENSERS ON ROOF ONLY IF REQUIRED BY CODE.

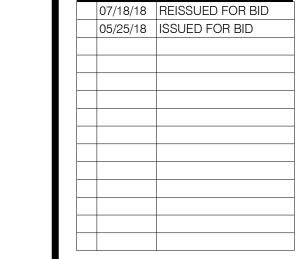
ROOF PLAN NOTES

- 1 ROOFTOP UNIT. INSTALL PLUMB AND LEVEL
- 2 KITCHEN HOOD EXHAUST FAN. SEE SHEETS M3.0 & DETAIL 7/A6.2
- 3 RESTROOM EXHAUST FAN. SEE DETAIL M2.1
- 4 CANOPY BELOW
- 5 ROOF HATCH. SEE DETAIL 4/A6.2
- 6 ICE MACHINE CONDENSERS ON EQUIPMENT PLATFORM, REF. 10/A6.2
- 7 WALK-IN COOLER / FREEZER CONDENSERS. SEE SCOPE OF WORK SHEET
- 8 FROZEN BEVERAGE MACHINE CONDENSER ON EQUIPMENT PLATFORM, REF. 10/A6.2
- 9 NOT USED.
- 10 ROOF LADDER EXTENSION HANDLE BY MANUFACTURER OF ROOF HATCH
- 11 SCUPPER AND DOWNSPOUT. SEE DETAIL D THIS SHEET
- 12 EXTERIOR LIGHT FIXTURES
- (13) TOWER PANEL SYSTEM AND FRAME, BY GC
- (14) CHANGE IN PARAPET ELEVATION SEE DETAIL 2/A6.1.
- 15 ROOF CRICKET, SEE DETAIL 11/A6.2
- WASTE VENT THROUGH ROOF. THE TOP OF THE WASTE VENTS SHALL BE 12" HIGHER THAN THE CLOSEST PARAPET CAP U.N.O. OR NOT ALLOWED BY LOCAL JURISDICTION. SEE 5/A6.2 FOR FLASHING ASSEMBLY.

- "DURO-LAST" SINGLE PLY ROOF MEMBRANE ON 1/2" DENSDECK PROTECTION BOARD ON MINIMUM R-20 LTTR POLYISO RIGID INSULATION BOARD ON 1-1/2" METAL DECK ON MANUFACTURED STEEL JOISTS. INSTALL PER MANUFACTURER'S SPECIFICATIONS
- POWER / GAS / CONDENSATE ENTRY UNDER HVAC UNIT (PER HVAC MFR. SPECS.) REFER TO MECH. AND PLUMB DWGS. UTILITY ACCESS FROM WITHIN CURB NO ROOF PENETRATIONS. DO NOT RUN ON ROOF SURFACE. SEE PLUMBING DRAWINGS.
- 19 24X36 WALK MATS. SEE ROOF SPECS.
- 20 MAINTAIN MANUFACTURER'S ROOFTOP MAINTAINANCE CLEARANCES
- OUTSIDE AIR INTAKE FOR ROOFTOP UNIT. MAINTAIN MIN 10'-0" SEPARATION FROM PLUMBING VENTS, FLUES, AND BUILDING EXHAUST
- 22 12" X 12" WHITE ALUMINUM LOUVER STYLE GABLE VENT WITH FIBERGLASS INSECT SCREEN, MOUNT HIGH
- 23 PIPE HOOD, SEE DETAIL 6/A6.2
- FACTORY PAINTED METAL PARAPET CAP. SEE DETAIL 1, 3 & 10/A6.1 AND 3/A6.2. GC TO ENSURE PARAPET CAP IS WEATHER PROTECTED
- WATER HEATER EXHAUST/INTAKE COMBO. SEE DETAIL 8/A6.2 FOR BRACING. MAINTAIN MIN. 10'-0" FROM NEAREST POINT OF RTU INTAKE

ROOF PLAN KEY NOTES N.T.S.

- 26 COORDINATE ROOF CRICKETS AND DRAINAGE WITH TOWER MANUFACTURER.
- 27 PATIO CANOPY, BY SIGNAGE VENDOR



Mark S. Salopek,

3638 West Galloway Drive Richfield, OH 44286 330.572.2100 Fax: 330.572.2102

CONTRACT DATE: 03.06.18 T40M-O BUILDING TYPE: DEC 2017 PLAN VERSION:

BRAND DESIGNER: SITE NUMBER: 309797/420630 STORE NUMBER: 2018088.04

TACO BELL 20711 S DIXIE HWY.

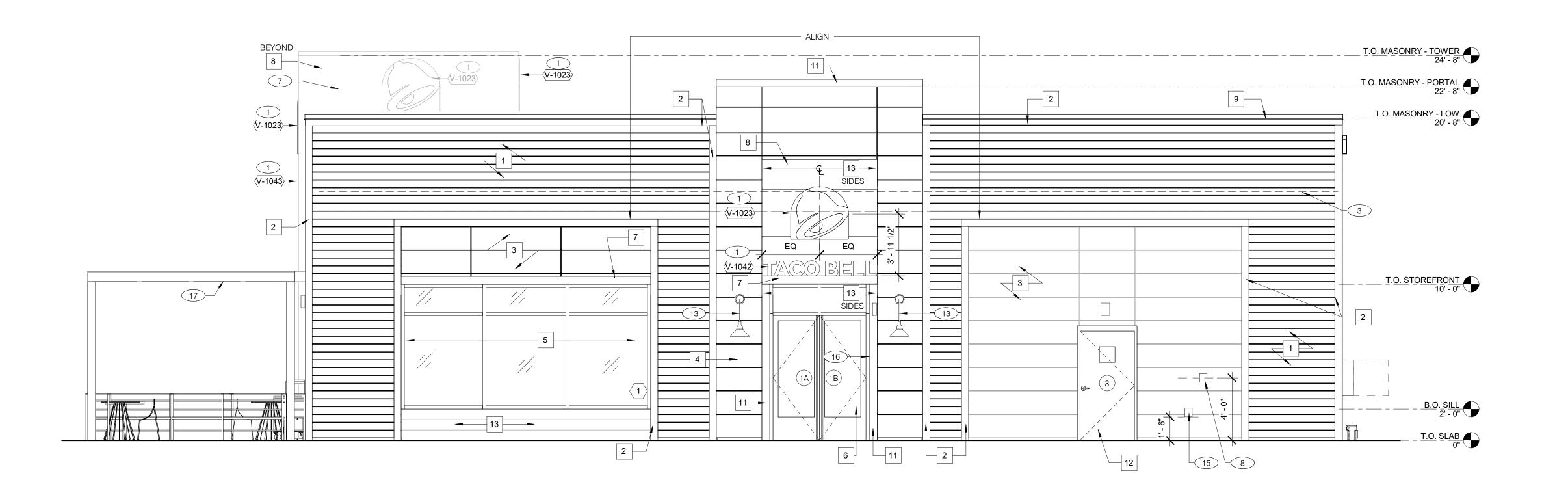
MIAMI, FL 33186

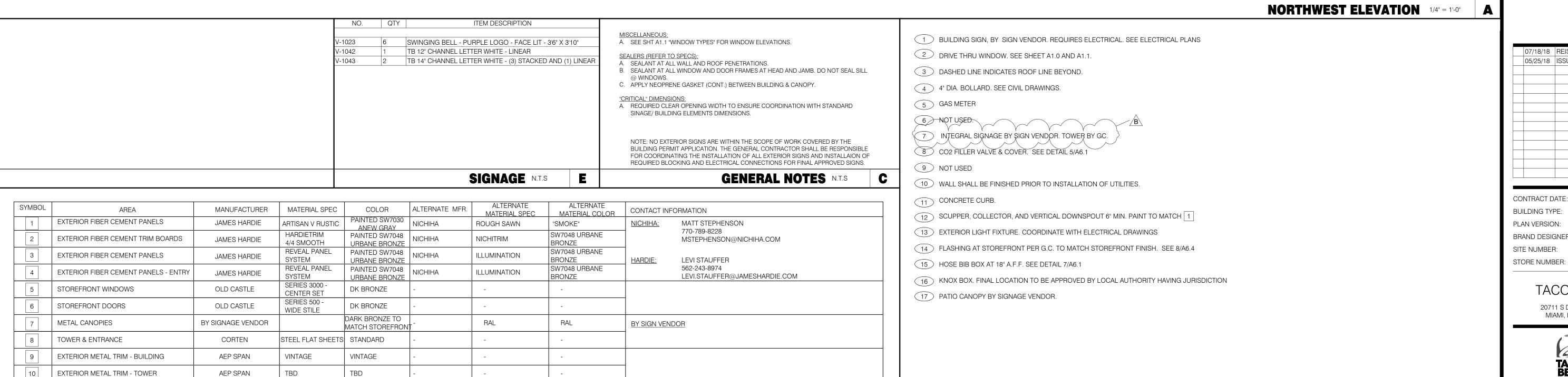


OPEN KITCHEN

ROOF PLAN

MODERN EXPLORER





DARK BRONZE TO

SW7048

MATCH STOREFRONT

URBANE BRONZE

RUSTIC CEDAR

TBD

ROUGHCUT

AEP SPAN

CORONADO

11

13

EXTERIOR METAL TRIM - ENTRY

EXTERIOR STONE VENEER

EXTERIOR HOLLOW METAL SERVICE DOOR

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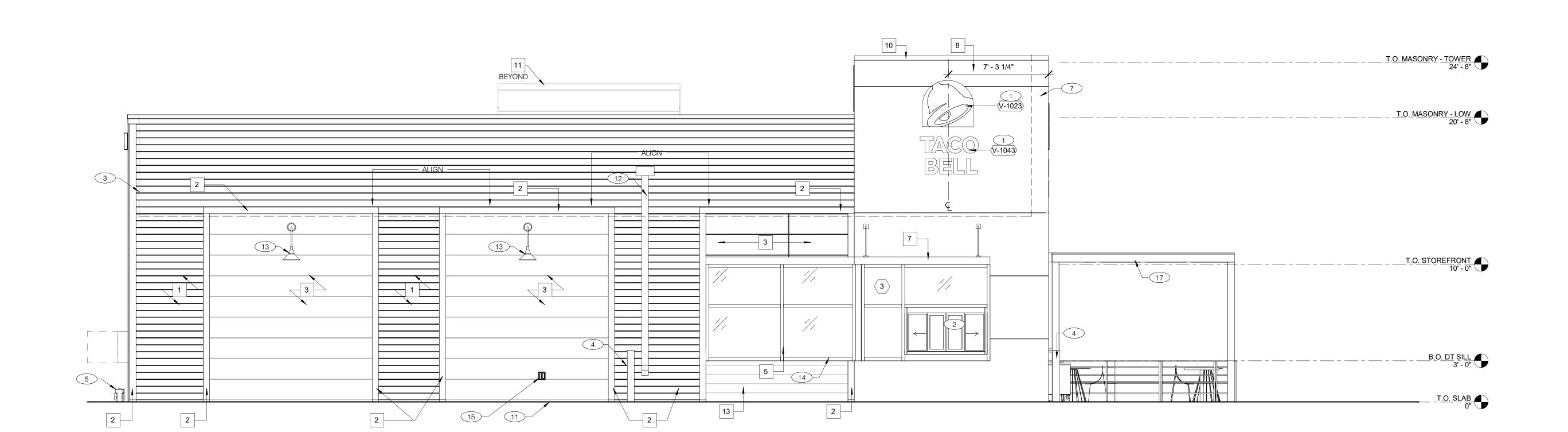
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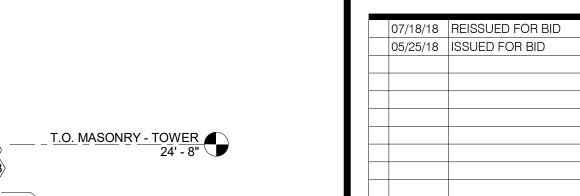
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MODERN EXPLORER **EXTERIOR**

ELEVATIONS





SOUTHEAST ELEVATION 1/4" = 1'-0"

SOUTHWEST ELEVATION 1/4" = 1'-0" B

CONTRACT DATE: T40M-O BUILDING TYPE: PLAN VERSION: BRAND DESIGNER: 309797/420630 SITE NUMBER:

Mark S. Salopek,

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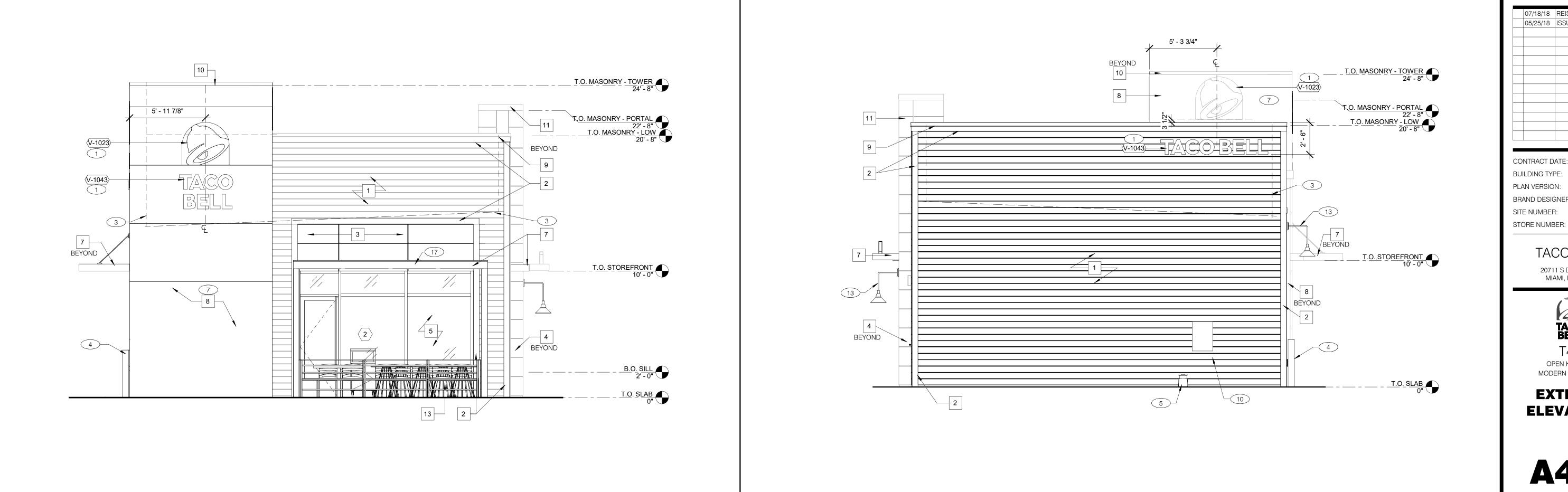
TACO BELL

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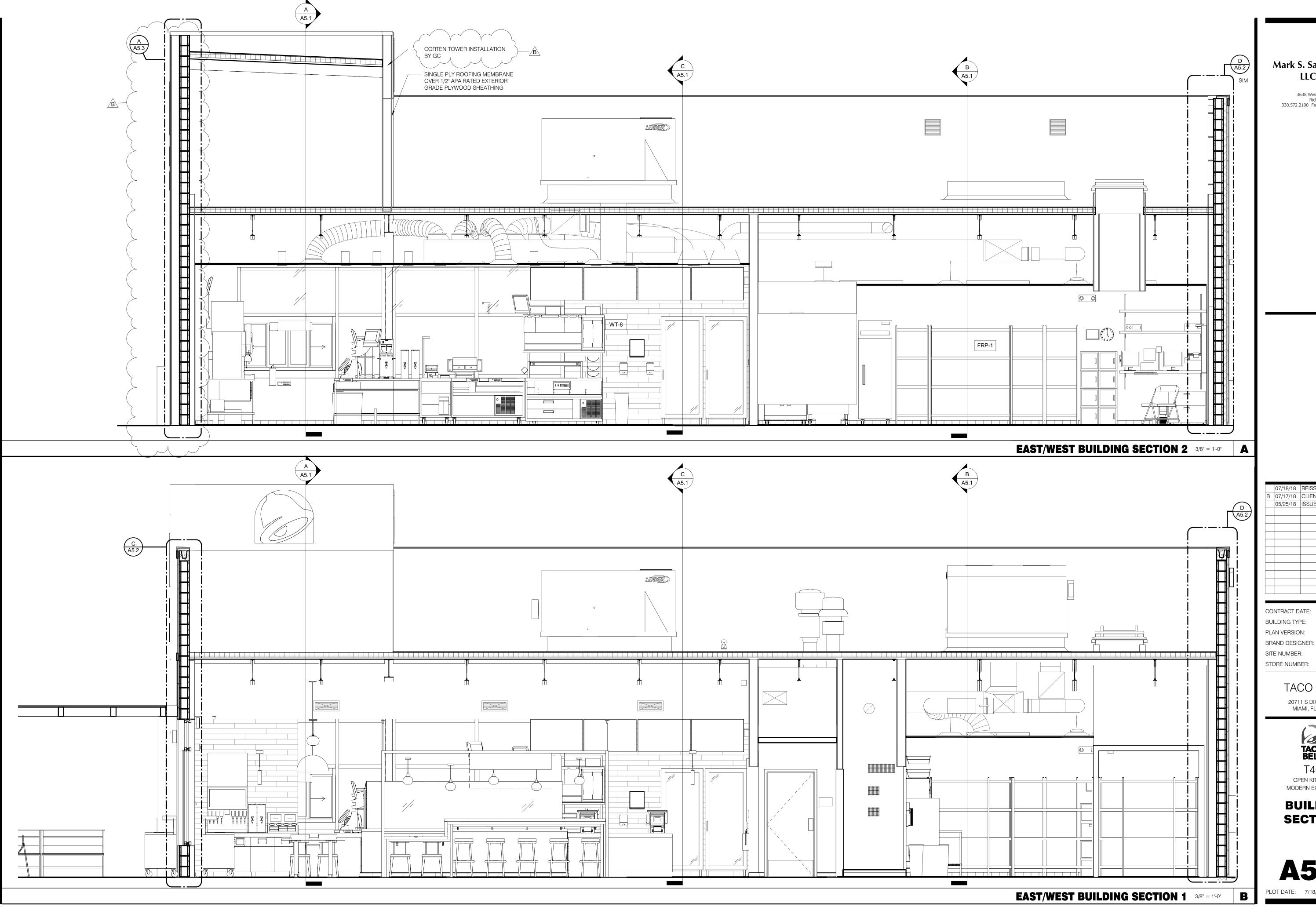


T40 OPEN KITCHEN MODERN EXPLORER

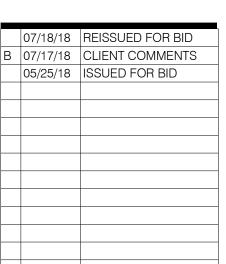
EXTERIOR ELEVATIONS



NORTHEAST ELEVATION 1/4" = 1'-0" C



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CONTRACT DATE: BUILDING TYPE: PLAN VERSION:

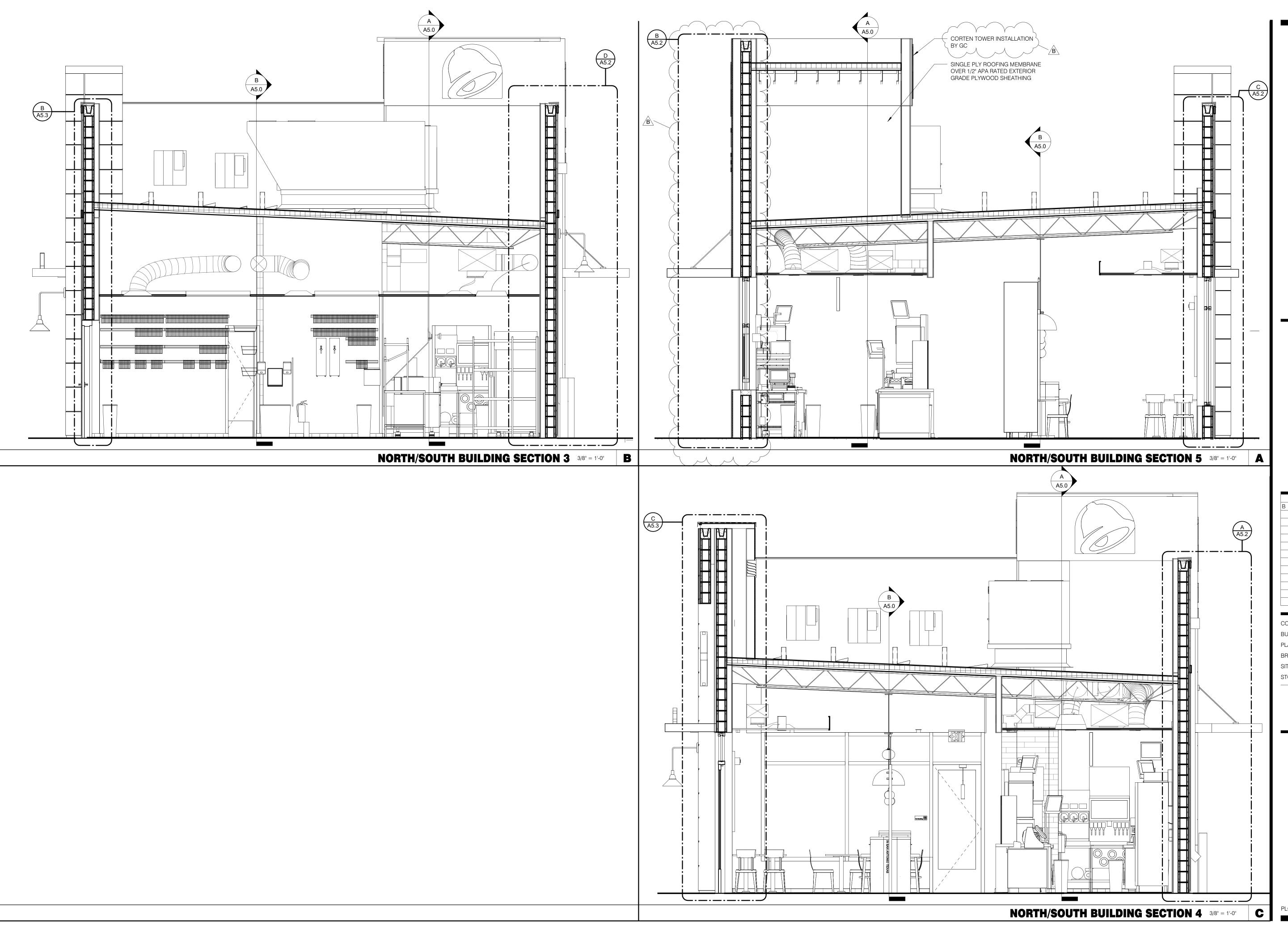
SITE NUMBER: STORE NUMBER:

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OPEN KITCHEN MODERN EXPLORER

BUILDING SECTIONS



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07/18/18 REISSUED FOR BID
B 07/17/18 CLIENT COMMENTS
05/25/18 ISSUED FOR BID

CONTRACT DATE: 03.

BUILDING TYPE: T4

PLAN VERSION: DEC

BRAND DESIGNER:

SITE NUMBER: 309
STORE NUMBER:

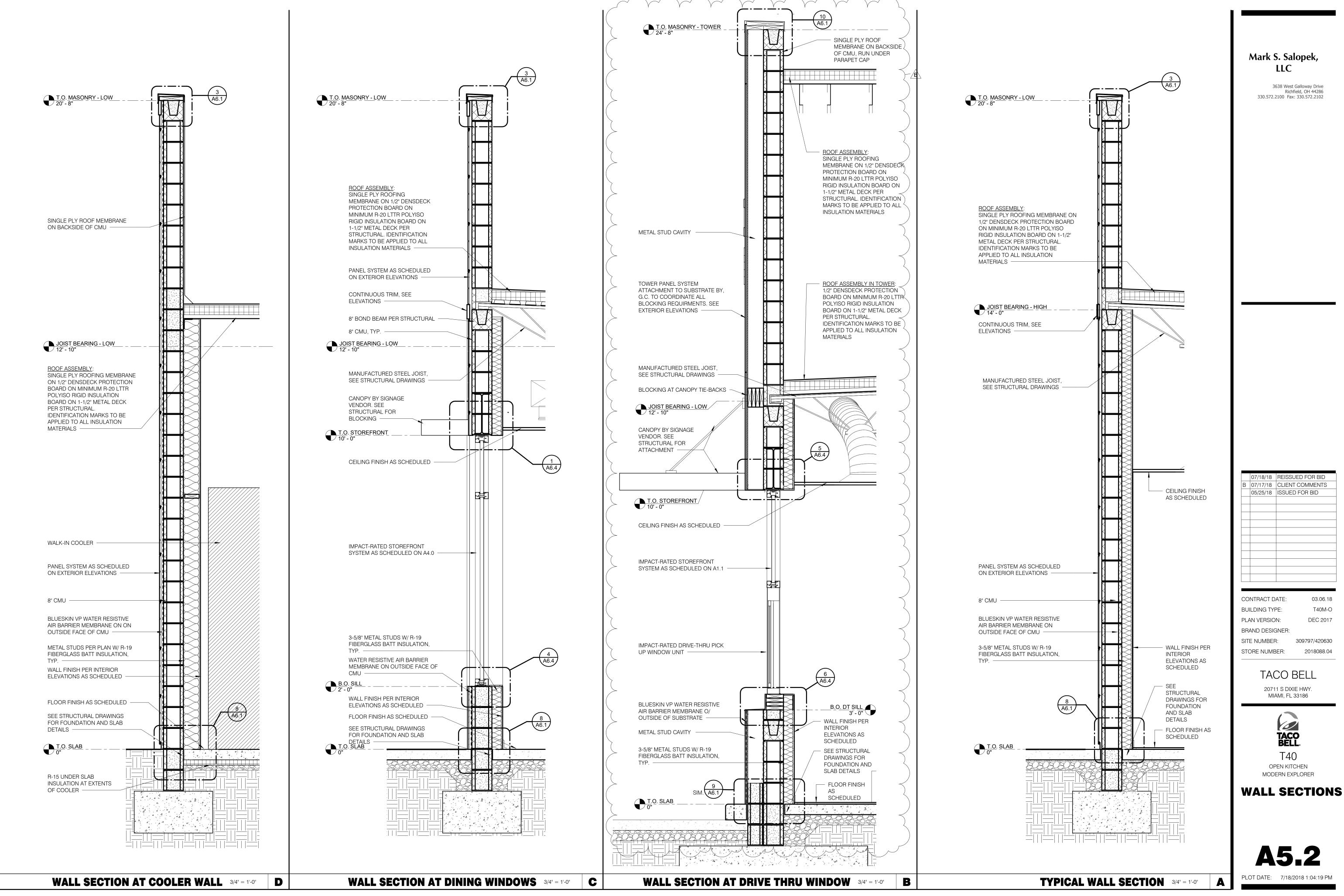
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OPEN KITCHEN
MODERN EXPLORER

BUILDING SECTIONS

A5.1



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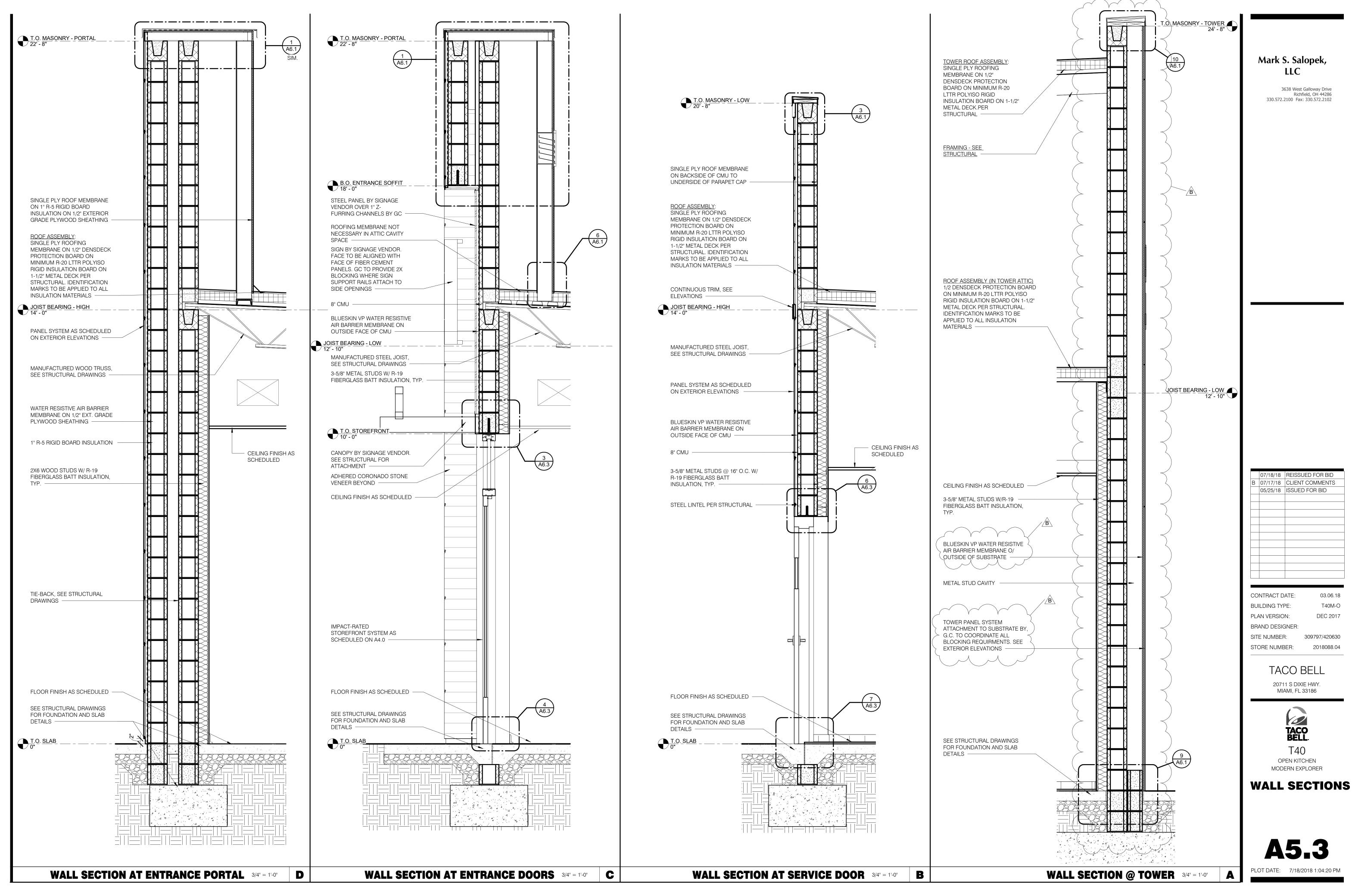
03.06.18

T40M-O

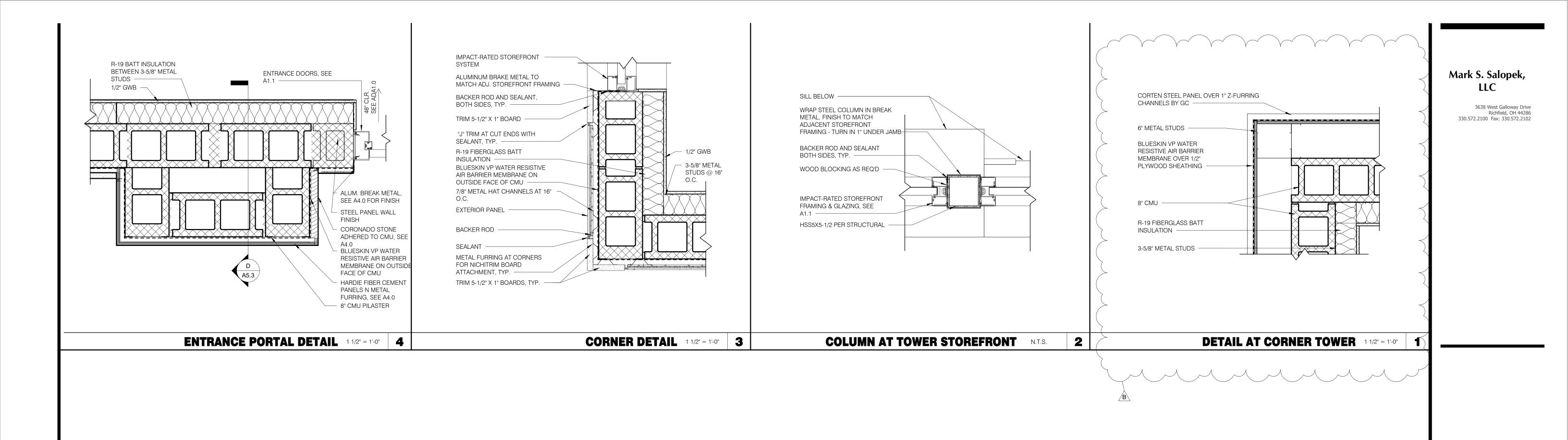
DEC 2017

309797/420630

2018088.04



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	07/18/18	REISSUED FOR BID
В	07/17/18	CLIENT COMMENTS
	05/25/18	ISSUED FOR BID

CONTRACT DATE: 03.06.18

BUILDING TYPE: T40M-O

PLAN VERSION: DEC 2017

BRAND DESIGNER:

SITE NUMBER: STORE NUMBER:

TACO BELL

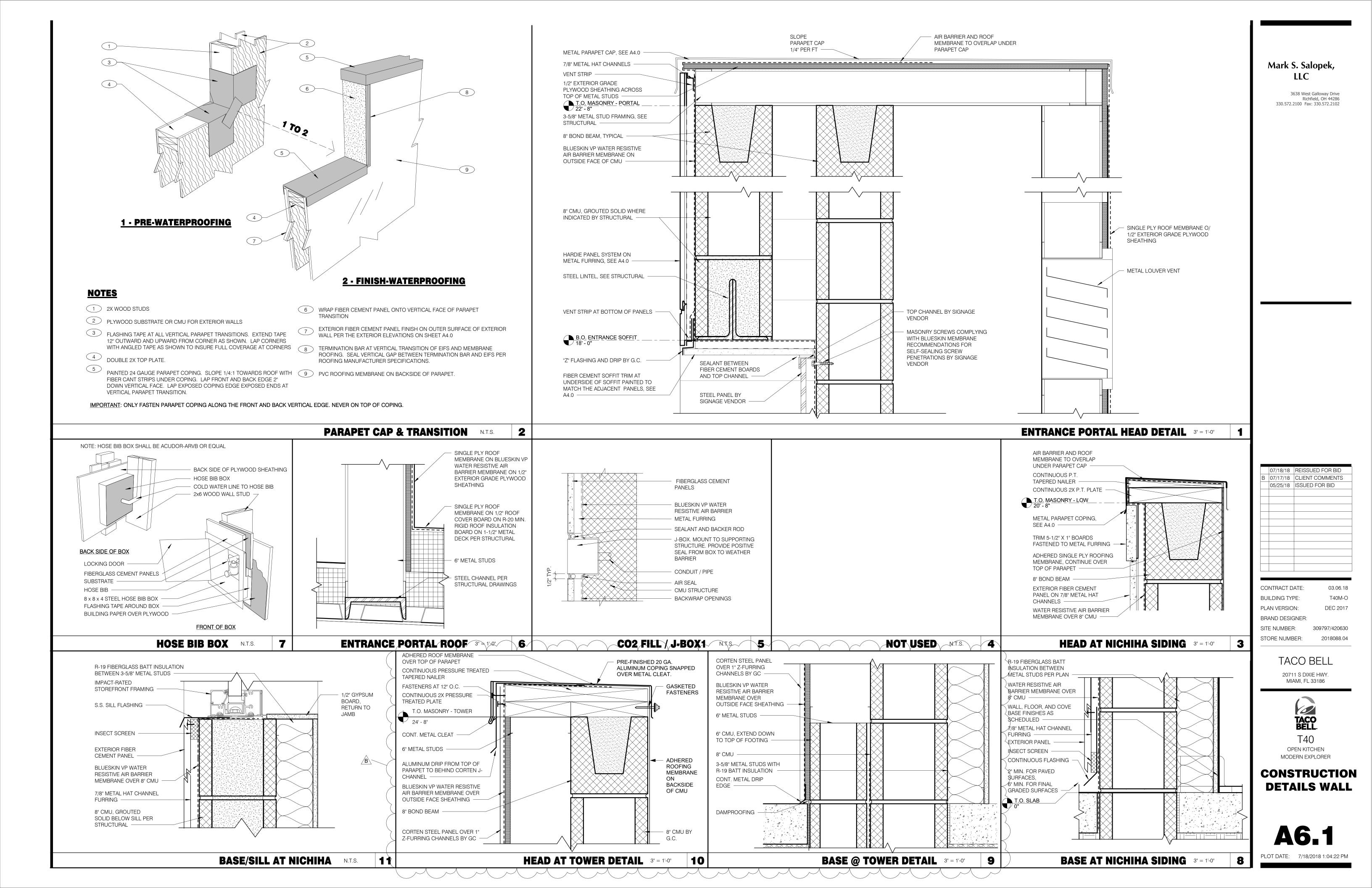
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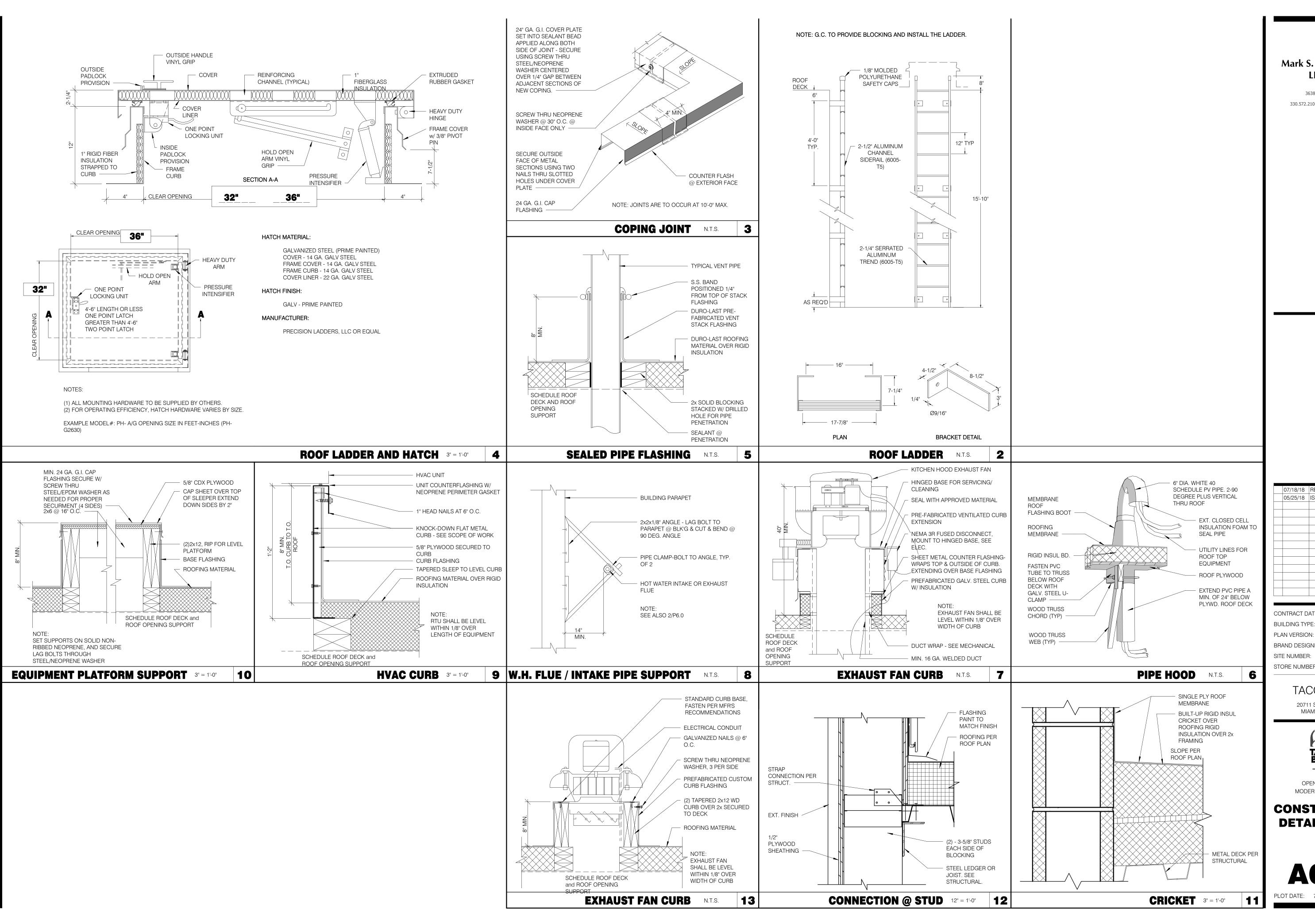


T40
OPEN KITCHEN
MODERN EXPLORER

CONSTRUCTION PLAN DETAILS

A6.0





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CONTRACT DATE: 03.06.18 T40M-O DEC 2017 BRAND DESIGNER:

SITE NUMBER: 309797/420630 STORE NUMBER: 2018088.04

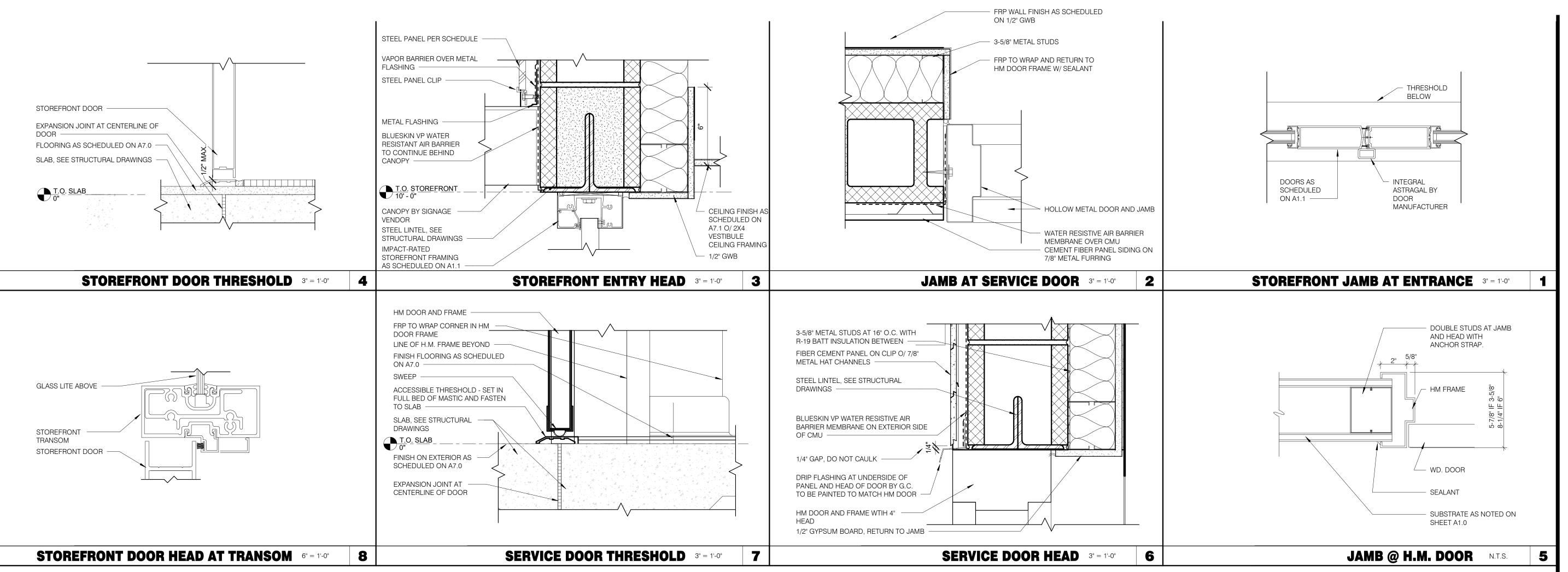
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OPEN KITCHEN MODERN EXPLORER

CONSTRUCTION **DETAILS ROOF**



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05/25/18	ISSUED FOR BID

CONTRACT DATE: 03.06.18

BUILDING TYPE: T40M-O

PLAN VERSION: DEC 2017

BRAND DESIGNER: 309797/420630

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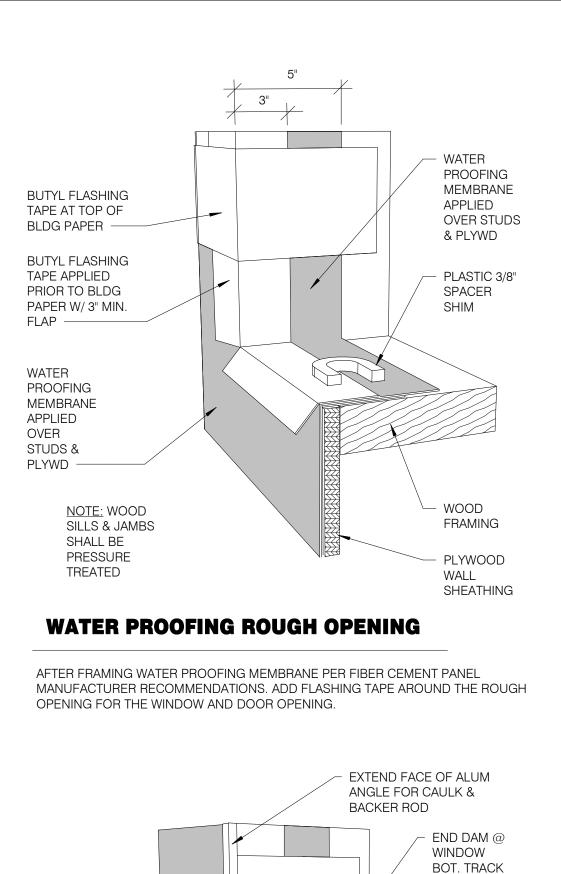
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OPEN KITCHEN MODERN EXPLORER

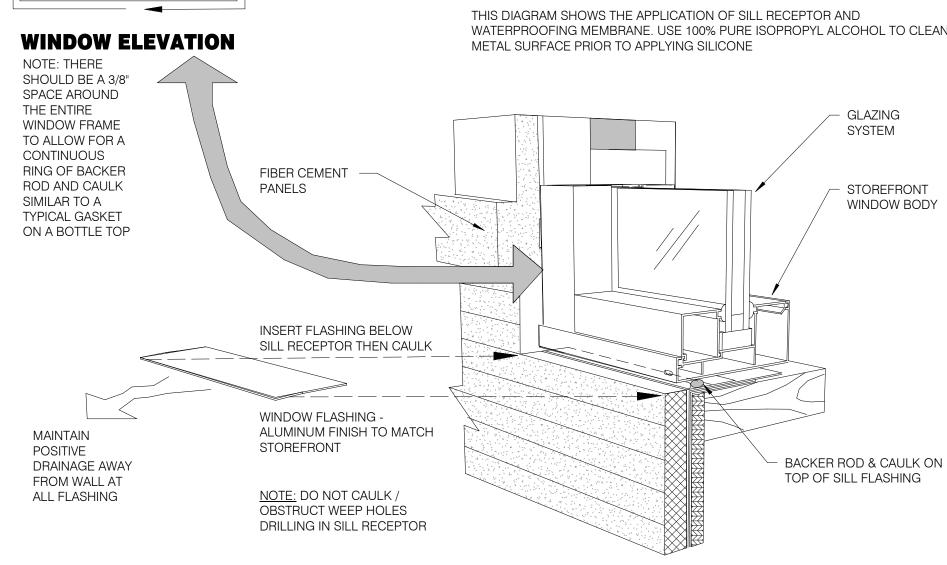
CONSTRUCTION DETAILS DOOR

A6.3



<u>/B\</u>~

- 795 DOW CORNING SILICONE (OR EQ.) OVER LAG BOLT/ WASHER THRU BOT. TRACK (TYP) WATER & AT END DAM PROOFING MEMBRANE APPLIED OVER STUDS & PLYWD -WINDOW BOT. TRACK (SILL RECEPTOR) 3/8" SPACE CONTINUOUS FRAMING **ENTIRE** PLYWOOD SHEATHING @ 24" O.C. ADD SILL RECEPTOR AND END DAM THIS DIAGRAM SHOWS THE APPLICATION OF SILL RECEPTOR AND WATERPROOFING MEMBRANE. USE 100% PURE ISOPROPYL ALCOHOL TO CLEAN METAL SURFACE PRIOR TO APPLYING SILICONE



COMPLETING WINDOW SYSTEM

SET STOREFRONT WINDOW, APPLY FIBER CEMENT PANEL SYSTEM AND THEN ADD WINDOW FLASHING OVER TOP OF FIBER CEMENT PANEL AT WINDOW SILL

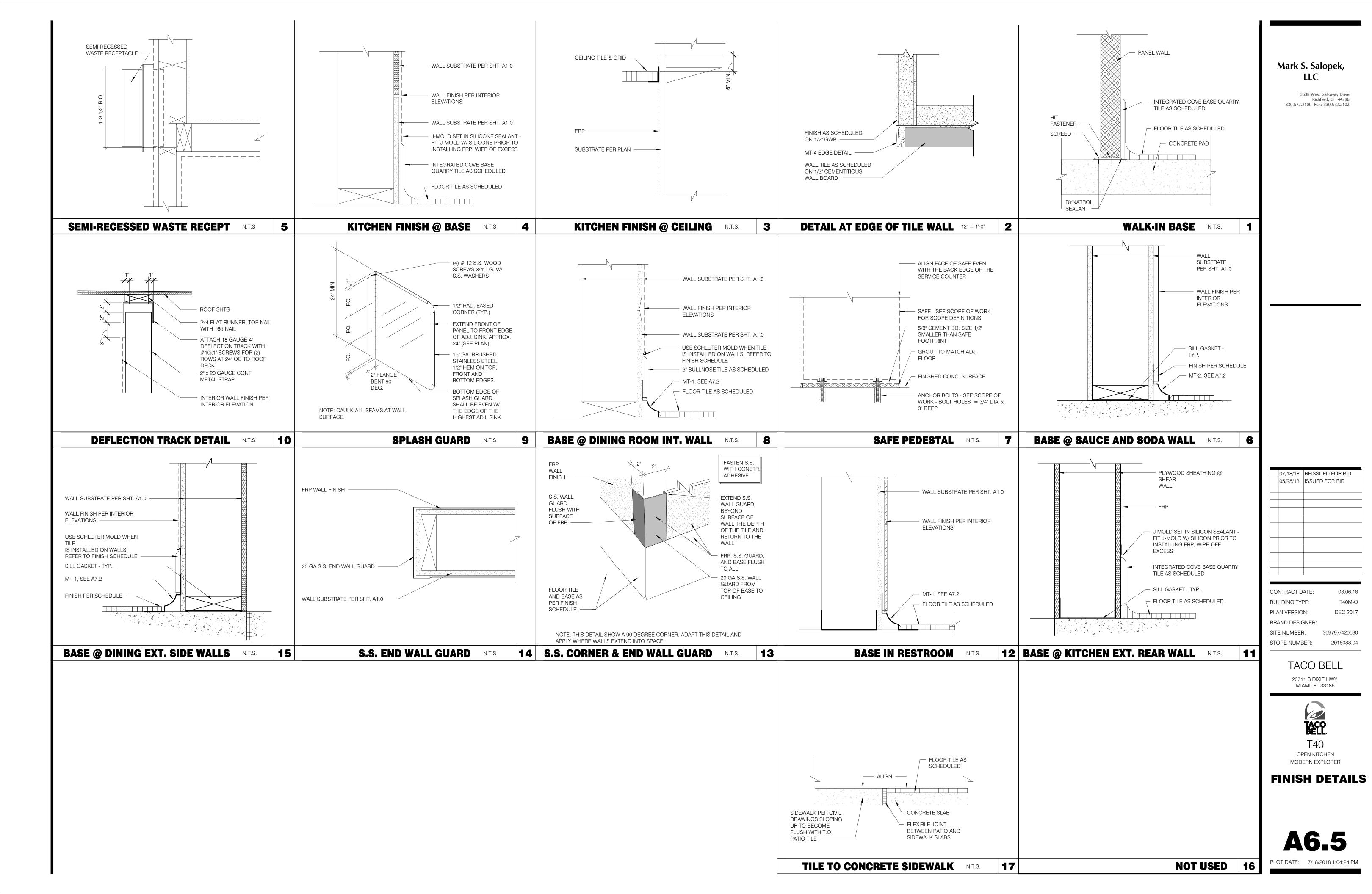
TYPICAL WINDOW WALL WATER PROOFING

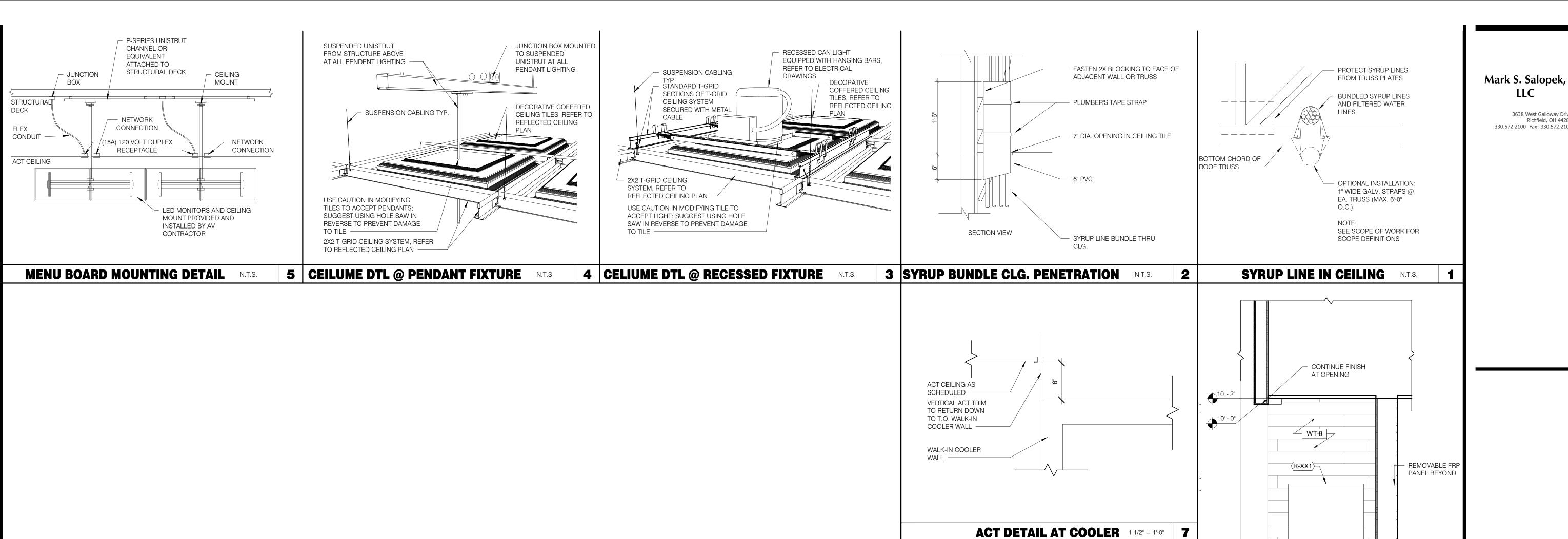
FLASHING -INSECT SCREEN Mark S. Salopek, METAL Z-FLASHING HARDIE TRIM BOARD 3638 West Galloway Drive Richfield, OH 44286 330.572.2100 Fax: 330.572.2102 STEEL BEAM, SEE STRUCTURAL DRAWINGS — CANOPY BY SIGNAGE **VENDOR** T.O. STOREFRONT 10' - 0" 3-5/8" METAL WATER RESISTANT AIR BARRIER TO CONTINUE BEHIND CANOPY STUDS W/R-19 AND UNDER STOREFRONT BATT INSULATION FRAMING -- 1/2" GWB **CEILING FINISH** IMPACT-RATED AS SCHEDULED STOREFRONT DOOR AS ON A7.1 — SCHEDULED ON A1.1 **STOREFRONT HEAD AT DINING** 3" = 1'-0" R-19 FIBERGLASS BATT INSULATION BETWEEN 3-5/8" METAL STUDS 1/2" GWB, WRAP CAULK AT SILL JAMBS, TYP. IMPACT-RATED STOREFRONT IMPACT-RATED SYSTEM -STOREFRONT FLASHING AT STOREFRONT SYSTEM SILL PER G.C. TO MATCH STOREFRONT FINISH -ADHESIVE BOND COAT PER MFR. SPECS -SEALANT, BOTH STONE VENEER FINISH AS SIDES, TYP. SCHEDULED -BRAKE METAL AT JAMB TO MATCH AD-**BLUESKIN VP WATER RESISTIVE** STOREFRONT, TURN AIR BARRIER MEMBRANE ON IN 3" EACH SIDE OUTSIDE FACE OF CMU -8" CMU, GROUTED SOLID AT SILL BLUESKIN VP WATER RESISTIVE EXTERIOR FIBER — R-19 FIBERGLASS INSULATION -CEMENT PANEL AIR BARRIER MEMBRANE ON METAL HAT CHANNEL OUTSIDE FACE OF CMU 1/2" GWB SINGLE FLANGE — 1"x5-1/2" TRIM SEALANT BACKER STOREFRONT SILL AT DINING 3" = 1'0" STOREFRONT JAMB DETAIL 3" = 1'-0" CORTEN STEEL PANEL STEEL LINTEL PER STRÜCTURAL OVER 1" Z-FURRING CHANNELS BY GC -07/18/18 | REISSUED FOR BID S.S. SILL ON INTERIOR SIDE OF WINDOW BLUESKIN VP WATER 07/17/18 CLIENT COMMENTS RESISTIVE AIR 1/2" GYPSUM BOARD ON 3-5/8" METAL 05/25/18 ISSUED FOR BID BARRIER MEMBRANE STUDS, RETURN TO JAMB -OVER OUTSIDE FACE DRIVE-THRU WINDOW, SEE SHEET A1.1 — SHEATHING -BACKER ROD AND SEALANT 8" CMU BLUESKIN VP WATER RESISTANT AIR 6" METAL STUDS BARRIOR ON 1/2" EXTERIOR GRADE PLYWOOD SHEATHING, TERMINATE WRAP STEEL UNDER UNDER STOREFRONT FRAMING 6" STUD TO 2X BLOCKING STOREFRONT S.S. FLASHING WITH INTEGRAL DRIP EDGE -03.06.18 CONTRACT DATE: 6" METAL STUDS _____ T40M-O <BUILDING TYPE: ALUMINUM DRIP **BLUESKIN VP WATER** FLASHING AT RECESSED RESISTIVE AIR DEC 2017 PLAN VERSION: WINDOW HEAD BARRIER MEMBRANE BRAND DESIGNER: **ALUMINUM FRAME** OVER OUTSIDE FACE WINDOW SHEATHING -SITE NUMBER: 309797/420630 CORTEN STEEL PANEL STORE NUMBER: 2018088.04 OVER 1" Z-FURRING WINDOW HEAD AT TOWER 3" = 1'-0" CHANNELS BY GC -TACO BELL 8" CMU, GROUT SOLID 6" METAL STUDS -METAL STUD CAVITY — METAL STUD CAVITY 20711 S DIXIE HWY. BLUESKIN VP WATER RESISTIVE MIAMI, FL 33186 8" BOND BEAM AIR BARRIER MEMBRANE OVER OUTSIDE FACE SHEATHING -WINDOW SILL AT TOWER 3" = 1'-0" CORTEN STEEL PANEL OVER 1" Z-FURRING CHANNELS BY GC 1 x 3 TRIM. WRAP IN -ALUMINUM BREAK METAL TO MATCH STOREFRONT SYSTEM. OPEN KITCHEN BLUESKIN VP WATER MODERN EXPLORER RESISTIVE AIR BARRIER MEMBRANE OVER CMU CONSTRUCTION 8" CMU **DETAILS** STOREFRONT WINDOW, **WINDOW** SEE A4.0 R-19 FIBERGLASS BATT INSULATION 1/2" GWB GWB WINDOW SILL BELOW WINDOW JAMB AT TOWER 3" = 1'-0" 8

FIBER CEMENT PANEL PER

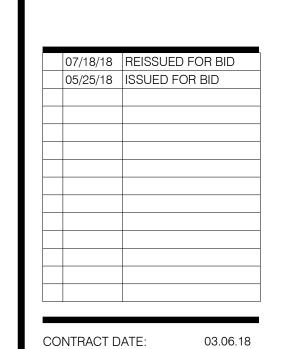
VAPOR BARRIER OVER METAL

SCHEDULE -









CENTER

BEHIND AND

ICE MACHINE

ABOVE DRINK &

8 SECTION AT DRINK MILLWORK 3/4" = 1'-0"

DRINK LINES FROM WATER FILTER,

BACK OF KITCHEN ABOVE CEILING

SYRUP RACK & Co2 CANISTER IN

LINE OF CLG. PERIMETER

PVC DRINK LINE CHASE. 4" D X 10" W X 30" H W/ 1" FLANGES. FASTEN W/ S.S.

SCREWS CLEAR CAULK

DRINK LINE THROUGH **OPENINGS IN TABLE**

OUTLINE OF DRINK 8

NOTE: SEE DETAIL 7/P6.0 DRINK SYSTEM SCHEMATIC & DETAIL 6/P6.0 FOR DRINK

SYRUP CHASE ON WALL N.T.S.

ICE MACHINE

T40M-O BUILDING TYPE: DEC 2017 PLAN VERSION: BRAND DESIGNER: SITE NUMBER: 309797/420630 STORE NUMBER: 2018088.04

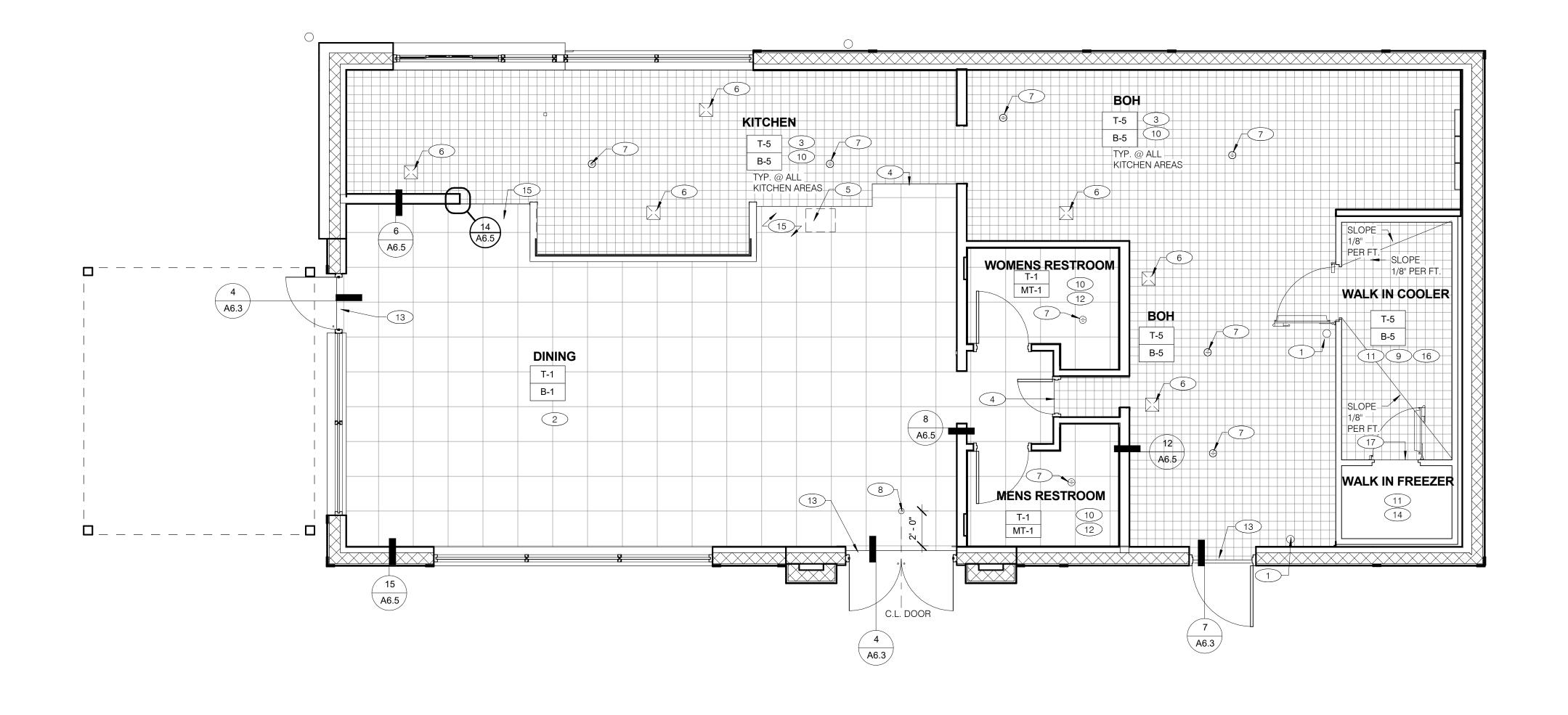
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OPEN KITCHEN MODERN EXPLORER

MISCELLANEOUS



3638 West Galloway Drive Richfield, OH 44286 330.572.2100 Fax: 330.572.2102





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

- A. DENOTES FINISH MATERIAL. REFER TO SHT A7.2 FOR FINISHES.
- B. TILE JOINTS (U.O.N.): 1. PORCELÀIN FLÓOR TILE : 3/16" 2. GLAZED WALL TILE: 1/8"
- C. TILE INSTALLATIONS REQUIRE MANUFACTURERS STANDARD MOLDED CORNERS AT BOTH INSIDE AND OUTSIDE CORNERS.

3. BASE, TRIM AND ACCESSORIES : MATCH ADJOINING TILE UNITS

- D. ALL BASE TILE SHALL BE SANITARY COVE STYLE WITH 3/8" MIN RADIUS UNLESS NOTED OTHERWISE.
- E. SEE SCOPE OF WORK SHEETS FOR RESPONSIBILITIES.
- F. PROVIDE CLEAR SILICONE CAULK WHERE FRP STOPS AT TOP OF COVE BASE.

- 1 HUB DRAIN
- 2 4" COVE TILE BASE. SEE DETAIL 8/A6.5 FOR INSTALLATION
- 3 6" SANITARY COVE TILE BASE, REF 4/A6.5
- 4 FLOAT TILE FOR FLUSH TRANSITION
- 5 PEDESTAL SAFE. COORDINATE THE LOCATION WITH CONSTRUCTION MANAGER
- 6 FLOOR SINK
- 7 FLOOR DRAIN
- 8 START POINT FOR FLOOR TILE, CENTERED ON DOOR
- 9 BASE IN COOLER; REF. DETAIL 1/A6.5
- 10 REFER TO STRUCTURAL DRAWINGS FOR CONC FLOOR SLOPES AROUND FLOOR DRAINS
- 11 NO BASE BEHIND WALK-IN COOLER/FREEZER
- 12 ALUMINUM COVE BASE TRANSITION. SEE DETAIL 12/A6.5 FOR INSTALLATION
- ADA COMPLIANT ALUMINUM THRESHOLD. SEE DETAIL 7/ADA1.1, 4/A6.3 AND 7/A6.3
- 14 FACTORY FLOOR FINISH (GALV. STL) W/ INTEGRAL COVE BASE
- 15 TILE AND BASE TO CONTINUE UNDER MILLWORK COUNTER TOP.
- PROVIDE FLOOR TILE INSIDE WALK-IN COOLER. (NO TILE BASE IN FREEZER). FLOAT FLOOR TILE IN COOLER TO DRAIN TO KITCHEN. COORDINATE WITH COOLER MANUFACTURER.
- (17) STEP-UP AT FREEZER TRANSITION

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T40M-O

SITE NUMBER: STORE NUMBER: 2018088.04

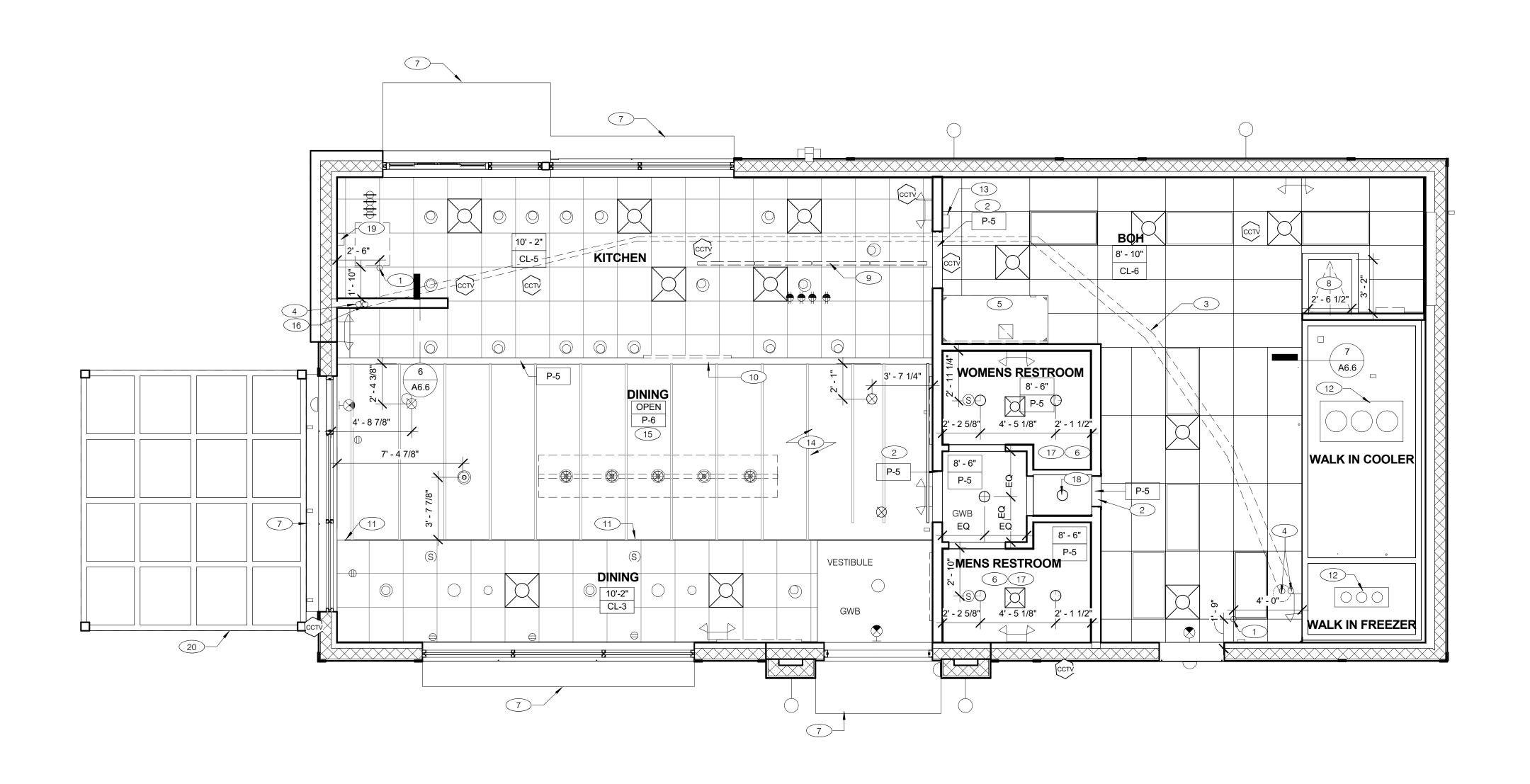
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OPEN KITCHEN MODERN EXPLORER

FLOOR FINISH PLAN

FLOOR FINISH NOTES FLOOR FINISH PLAN KEYNOTES N.T.S. C





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

A. ALL DIMENSIONS ARE TO FACE OF FINISH U.O.N. **GYPSUM BOARD CEILING:** 1 CEILING GRID STARTING POINT. 15 PAINT ALL EXPOSED DUCTWORK, ELECTRICAL WIRING, ROOF DECK, AND WALL SURFACES SUBSTRATE SHALL BE 1/2" THICK GYP BD. ABOVE TRUSS BEARING P-8. TRUSSES AND BRIDGING TO REMAIN UNPAINTED. 2 BULKHEAD @ 7'-0" A.F.F. ACOUSTICAL SEALANT: APPLY TO GYP. BD. PANELS AS INDICATED IN SPECS. **LIGHTING** A. REFER TO ROOM FINISH SCHEDULE (SHT A7.2) FOR CLG. FINISHES. GYP. BD. FINISHING AND DECORATING: REFER TO DWGS FOR TEXTURE AND 16 PVC SYRUP CHASE IN WALL 3 NON-INSULATED BUNDLED SYRUP LINES FOR DRINK SYSTEM ABOVE CEILING. RECESSED LIGHT FIXTURE 17 RESTROOM CEILINGS TO BE FRAMED W/ 2" X 6" WOOD STUDS @ 16" O.C. SUSPENDED CEILING: PENDANT LIGHT FIXTURE ACOUSTICAL PANEL INSTALLATION: INSTALL ACOUSTICAL PANELS WITH EDGES IN 4 6" DIA PVC STUB THROUGH CEILING, SEE DETAIL 2/A6.6 (18) CENTER RECESSED LIGHT IN ROOM, BOTH DIRECTIONS CLOSE CONTACT WITH METAL SUPPORTS AND IN TRUE ALIGNMENT. SEE ELECT. DWGS. FOR FIXTURE SCHED. HUB TABLE PENDANT LIGHT ALLOWABLE VARIATIONS FROM FLAT AND LEVEL SURFACE: 1/8" IN 10'-0" MAX. EXISTING EMERGENCY LIGHTS TO REMAIN. 5 EXHAUST HOOD (19) STAINLESS STEEL SYRUP CHASE ON WALL. SEE DETAIL 8/A6.6 ALLOWABLE VARIATIONS FROM PLUMB OF GRID MEMBERS: AS CAUSED BY CEILING MOUNTED OUTLETS & PLATES SHALL BE BLACK SCONCE LIGHT FIXTURE PENDANTS SHALL BE CENTERED OVER TABLES. VERIFY TABLE LOCATIONS WITH ECCENTRIC LOADS, 2° MAX. 6 FOR ROUGH FRAMING OPENINGS SEE AIR DEVICE SCHED. (TYP. AT RESTROOMS). 20 CANOPY BY SIGNAGE VENDOR INSTALL SYSTEM AFTER MAJOR ABOVE CLG. WORK IS COMPLETE. COORD SEATING VENDOR SUPPLIED CORE DRILL PLAN PRIOR TO LOCATING PENDANTS. CEILING MOUNTED EXIT SIGN LOCATIONS OF HANGERS WITH RELATED WORK. 7 AWNING/ROOF BY SIGNAGE VENDOR SEE SPECS FOR ADDITIONAL INFORMATION. 2' X 4' LAY-IN LIGHT FIXTURE ALL DINING ROOM SUPPLY AND RETURN GRILLES SHALL BE INSULATED. FAILURE CUT EDGES OF TEGULAR TILES SHALL BE ROUTED. 8 ROOF HATCH. SEE 2&4/A6.2 TO COMPLY WILL RESULT IN INSTALLATION BEING REJECTED, CORRECTIONS DUAL HEAD EMERGENCY FIXTURE CEILUME SUSPENDED CEILING: MADE AND ALL REMEDIAL COSTS CHARGED BACK TO CONTRACTOR. 9 MENU BOARD. SEE SCOPE OF WORK EMERGENCY WALL PACK FIXTURE <u>CUT TILES:</u>USE SCISSORS OR STRAIGHT BLADE AVIATION SNIPS TO CUT CEILING 10 BULKHEAD @ 10'-0" A.F.F. TILES. DO NOT USE A UTILITY KNIFE.TWO (2) OR THREE (3) TILES CAN BE NESTED SECURITY STROBE LIGHT (11) LINE OF AXIOM EDGE DETAIL FOR FLOATING ACT CEILING TOGETHER AND CUT AT ONE TIME. CUTTING HOLES: RUN HOLE SAW IN REVERSE, THIS WILL ALLOW FOR SMOOTH (12) FAN COIL FOR WALK-IN FREEZER/COOLER CUT AND PREVENT SAW BLADE FORM BINDING OR GRABBING VINYL. FOR AREAS WITH HIGH WIND LOAD OR POSITIVE PRESSURE BELOW THE CEILING **MECHANICAL** <u>AUDIO</u> 13 ALERT LIGHT BOX FOR 3-COMP POWER SOAK MOUNTED AT C.L. OF BOX 7-11" AFF RESULTING IN UPLIFT OF TILES: S SPEAKER EXHAUST FAN INSTALL TWO (2) UPLIFT PREVENTION CLIPS PER TILE; USG/DONN I15 CEILING CLIP 14 WOOD TRUSS. B.O. TRUSS AT 11'-8" A.F.F OR EQUIVALENT. SUPPLY INSTALL CLIPS ON TILES NEAREST DOORS FIRST, AND WORK INWARDS. ONLY CLIP TILES THAT THAT EXHIBIT UPLIFT, DO NOT INSTALL ON ENTIRE CEILING. DO RETURN NOT INSTALL A "BLANKET" OR MINERAL FIBER TILE ON TOP OF THE CEILUME TILE TO PREVENT UPLIFT. RCP LEGEND N.T.S. **REFLECTED CEILING PLAN NOTES** REFLECTED CEILING PLAN KEYNOTES N.T.S.

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	REISSUED FOR BID
	1.12.00022
)5/25/18	ISSUED FOR BID

CONTRACT DATE: 03.06.18

BUILDING TYPE: T40M-O

PLAN VERSION: DEC 2017

BRAND DESIGNER: 309797/420630
STORE NUMBER: 2018088.04

NUMBER: 2018088.04

TACO BELL

20711 S DIXIE HWY. MIAMI, FL 33186



T40
OPEN KITCHEN
MODERN EXPLORER

REFLECTED CEILING PLAN

A7.1

	QTY	MANUFACTURER	TYPE	COLOR	SIZE	GROUT	Comments	ALTERNATE MANUFACTURER	ALTERNATE COLOR
ILING									
3	469 SF	CEILUME	STRATFORD	LATTE	2X2	N/A	SUSPENDED GRID W/ALUMINIUM, KITCHEN FLAME SPREAD		
							RATING 0-25, CLASS A, PAINT GRID SW6080 UTTERLY BEIGE		
-5	363 SF	CERTAINTEED	CEILING TILE	ACT VINYL ROCK #1140 WASHABLE NON PERFORATED, COLOR MATCH CL-3	2X2X1/2"	N/A	WHITE FLAME SPREAD RATING 0-25, CLASS A		
6	470 SF	CERTAINTEED	CEILING TILE	ACT VINYL ROCK #1140 WASHABLE NON PERFORATED	2X4X1/2"	N/A	WHITE SUSPENDED GRID W/ALUMINIUM, BOH FLAME SPREAD RATING 0-25, CLASS A		
.9	45' - 5" LF	ARMSTRONG	AXIOM CLASSIC TRIM	MATCH CL-3	10"H PROFILE	N/A			
AIR RAIL									
1	46 LF		PAINTED CHAIR RAIL - 1" X 4"	MEGA GREIGE # SW 7031	1X4				
									1
OOR BASE					1				
		EUROWEST	TILE	URBAN GREY WEAVE	3X24	MAPEI # 47 CHARCOAL	DINING ROOM, ALCOVE	CREATIVE MATERIALS	METROPOLITAN 6"X12" COVE BASE
	182' - 4" LF	EUROWEST	TILE	QUARRY NON ABRASIVE PURITAN GRAY COVE BASE	4X24	MAPEI # 106 WALNUT	B.O.H, KITCHEN	CREATIVE MATERIALS	QUARRY #507, 6"X6" NATURAL, GROUT: MAPEI KERAPOXY IEG CQ W PART C GREY
ORING									
	1043 SF	EUROWEST	TILE	URBAN GREY WEAVE # V606292X8	24X24	MAPEI # 47 CHARCOAL	DINING ROOM, ALCOVE, RESTROOMS	CREATIVE MATERIALS	METROPOLITAN GREIGE 24X24
	10.10 0.				2 17 (2)				NATURAL, GROUT: MAPEI ULTRA COLOR PLUS
	875 SF	EUROWEST	TILE	QUARRY #507 NON ABRASIVE PURITAN GRAY	6X6	MAPEI # 106 WALNUT	B.O.H, KITCHEN	CREATIVE MATERIALS	QUARRY #507, 6"X6" NATURAL, GROUT: MAPEI KERAPOXY IEG CQ V PART C GREY
MINATE -1		NEVAMAR	LAMINATE	BAILEY # WK0027T			DOOR EDGES TO BE FINISHED SIMILAR TO FACES		
P-1		MARLITE	FIBERGLASS REINFORCED	FP-100 WHITE (PEBBLE FINISH) - NO COLOR VARIATIONS ACCEPTED			B.O.H WALLS		
-1		IVIAINELLE	PANEL	TT-100 WHITE (I EBBLE I INISH) - NO COLOR VARIATIONS ACCEL TEB			B.O.H WALLS		
		WILSONART	LAMINATE	RUSTIC SLATE 4888-38			POS / PICK UP COUNTER FACE		
		WILSONART	LAMINATE	4886-38 PEARL SOAPSTONE # 4886-38			OPEN KITCHEN WALL / SHROUD		
		NEVAMAR	LAMINATE	SMOKEY WHITE # 27027T			LAMINATE FOR OFFICE SHELVING		
-1		WILSONART	SOLID SURFACE	STARON BRIGHT WHITE SS-3 GLOSS 15			1/2" SS GLUED TO 3/4" PLYWOOD BACKING		
-1	190 SF	WILSONART	WAINSCOT LAMINATE	PEPPERDUST, MATTE FINISH D327-60					
TAL TRAN	NSITION								
-1		SCHLUTER	DILEX AHK	NICKEL ANODIZED ALUMINUM	23/32"	MAPEI # 47 CHARCOAL	COVE BASE		
2		SCHLUTER	DILEX AHK	EB: BRUSHED STAINLESS STEEL			TILE WALL @ KITCHEN AND DINING - COVE BASE		
3				SATIN ALUMINUM ANODIZED			METAL SILVER TRIM AT VERTICAL WAINSCOT SEAMS		
.4		SCHLUTER	JOLLY	SATIN ALUMINUM ANODIZED	1/2" PROFILE	MAPEI #01 ALABASTER	TILE WALL EDGE TRANSITION		
INT									
ı		SHERWIN WILLIAMS		WORLDLY GRAY SW 7043	N/A	N/A			
1		SHERWIN WILLIAMS	PAINT	GRIFFIN SW7026	N/A	N/A			
LL TILE									
-1	908 SF	EUROWEST	TILE	TERRE NERO - #563474	8X8	MAPEI # 47 CHARCOAL	RESTROOM WALLS	CREATIVE MATERIALS	TERRA ANTHRACITE 8X8 NATURAL, GROUT: MAPEI ULTRACOLOR PLUS
-2	151 SF	EUROWEST	TILE	TERRECOTTE DECO MIX - #563495	8X8	MAPEI # 47 CHARCOAL	ACCENT WALL TILE , INSTALL ON WALL OPPOSITE DOOR OPENING	CREATIVE MATERIALS	TERRA DECO MIX 8X8, GROUT: MAP ULTRACOLOR PLUS
T-8	295 SF	EUROWEST	TILE	ARCTIC ANTICATO	3X30	MAPEI # 01 ALABASTER	RUNNING BOND PATTERN OFFSET 25%	CREATIVE MATERIALS	CMC SALVAGE WOOD WHITE WASH 3X36 NATURAL, GROUT: MAPEI ULTRACOLOR PLUS

Name	Floor Finish	Base Finish	Wall Finish	Accent Wall	Ceiling Finish	CEILING HEIGHT	Comments
		1					
ВОН	T-5	B-5	FRP-1	N/A	CL-6	8' 10"	
DINING	T-1	B-1	P-5, P-8	N/A	CL3, CL-9	VARIES, SEE A7.1	
KITCHEN	T-5	B-5	P-5	WT-8	CL-5	10' 2"	
MENS RESTROOM	T-1	MT-1	WT-1	WT-2	GWB, P-5	8' 6"	PAINT CEILING
OFFICE	T-5	B-5	FRP-1	N/A	CL-6	8' 10"	
VESTIBULE	T-1	B-1	STOREFRONT, P-5	N/A	GWB, P-5	10' 2"	REMOVE IF NOT USING VESTIBULE
WALK IN COOLER	T-5	B-5	N/A	N/A	N/A	PER MANUFACTURER	
WALK IN FREEZER	N/A	N/A	N/A	N/A	N/A	PER MANUFACTURER	
WOMENS RESTROOM	T-1	MT-1	WT-1	WT-2	GWB, P-5	8' 6"	PAINT CEILING

1. 2. 3.	1.INSTALL FRP ON KITCHEN SIDE OF SERVING COUNTER WALL. GALV. STEEL WALL AND CEILING FINISHES BY WIC / WIF BOX MFR. REFER TO INTERIOR ELEVATIONS FOR LOCATIONS OF TILE AND FRP.
4. 5. 6.	APPROVED PAINT MANUFACTURERS: PORTER, BENJAMIN MOORE, SHERWIN WILLIAMS, ICI, & PITTSBURGH PAINTS. MATCH SPECIFIED SCHEDULE COLORS EXACTLY.
7. 8.	ALL PAINTED GYPSUM BOARD SHALL HAVE A LIGHT ORANGE PEEL TEXTURE. ALL MORTAR SHALL BE MIXED WITH WHITE SAND TO INSURE A COLOR CONSISTENT TO THE ORIGINAL DESIGN INTENT
9.	ALL TILE MUST BE ORDERED FROM THE SAME VENDOR, EITHER EUROWEST OR CREATIVE MATERIAL CORP.
1	NITERIOR WALL & CEILING FINISHES TO BE CLASS A& B TO MEET ASTM E 84 MATERIAL TESTS. ALL FLOOR HES MUST COMPLY W/ DOC FF-1 "PILL TEST." SANITARY COVE BASE SHALL BE OF SAME CLASS AS FLOOR
FINISH	H AS DEFINED BY NFPA 253.
	A

EUROWEST DECORATIVE SURFACES JAN DETER DESIGN/ ARCH. CONSULTANT (714)-309-9551 WWW.EUROWEST.COM

MARLITE DAN EGBERS (330)-343-6621 WWW.MARLITE.COM

(254)-207-2130 CHICKV@WILSONART.COM SHERWIN WILLIAMS BRAD HARRINGTON (216)-341-5553 EXT. 115 CELL: 216-210-2723

BRAD.E.HARRINGTON@SHERWIN.COM

<u>WILSONART INTERNATIONAL, INC.</u> DAVID CHICKVARA

CREATIVE MATERIALS CORP. PH: (800)-207-2967 EXT BELL(2355) TACOBELLTILE@CREATIVEMATERÍALSCORP.

RETROPLATE CONCRETE DYE MIKE BLACKBURN

(717)-439-1114 **CUMMINGS SIGNS** ANN BAKER (800)-489-7446 EXT. 1001

DIRECT DIAL: (615)-872-0068 CELL: (615)-812-2204

NATIONAL METAL SHAPES RUSSEL DAY (800)-837-9559

ROCA TILE GROUP CHRISTINA DORDAS (708)-910-2368 WWW.ROCATILEGROUP.COM CHRISTINA.DORDAS@US.ROCA.COM

FINISH LEGEND

BERRIDGE 1-(800)-669-0009 REPLICATIONS UNLIMITED

RODNEY JARBOE (314)-523-2040 EXT. 101

<u>DAVIS COLORS</u> (MORTAR PIGMENT) WEST: (800)-356-4848 EAST: (800)-638-4444

EVERBRITE NICHOLE BIERMAN NBIERMAN@EVERBRITE.COM (414)-529-7179

<u>JOHNSONITE</u> LAURIE BAATZ (440)-313-8238

<u>NICHIHA</u> MATT STEPHENSON (770)-789-8228

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Mark S. Salopek,

	07/18/18	REISSUED FOR BID
Α	07/16/18	CITY COMMENTS
	05/25/18	ISSUED FOR BID

T40M-O BUILDING TYPE: PLAN VERSION: DEC 2017 BRAND DESIGNER:

CONTRACT DATE:

03.06.18

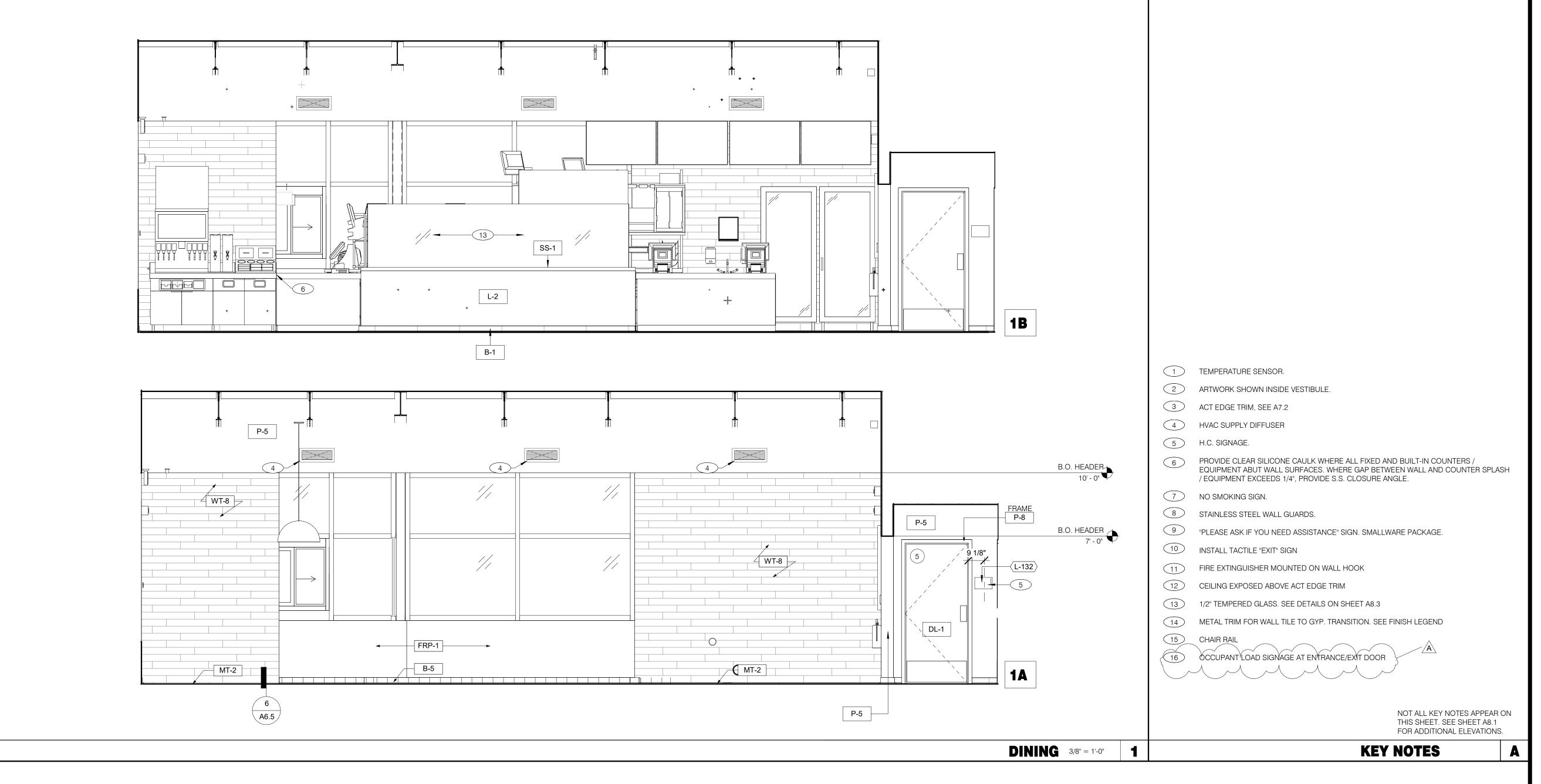
SITE NUMBER: 309797/420630 STORE NUMBER: 2018088.04

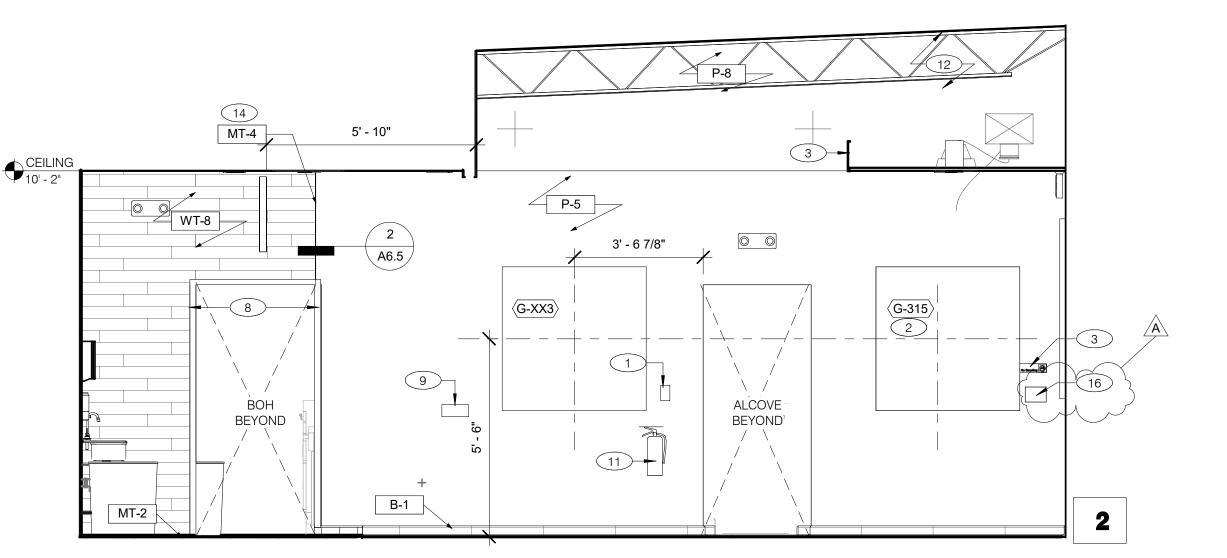
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OPEN KITCHEN MODERN EXPLORER

FINISH LEGEND AND SCHEDULE

ROOM SCHEDULE D FINISH NOTES C CONTACTS B





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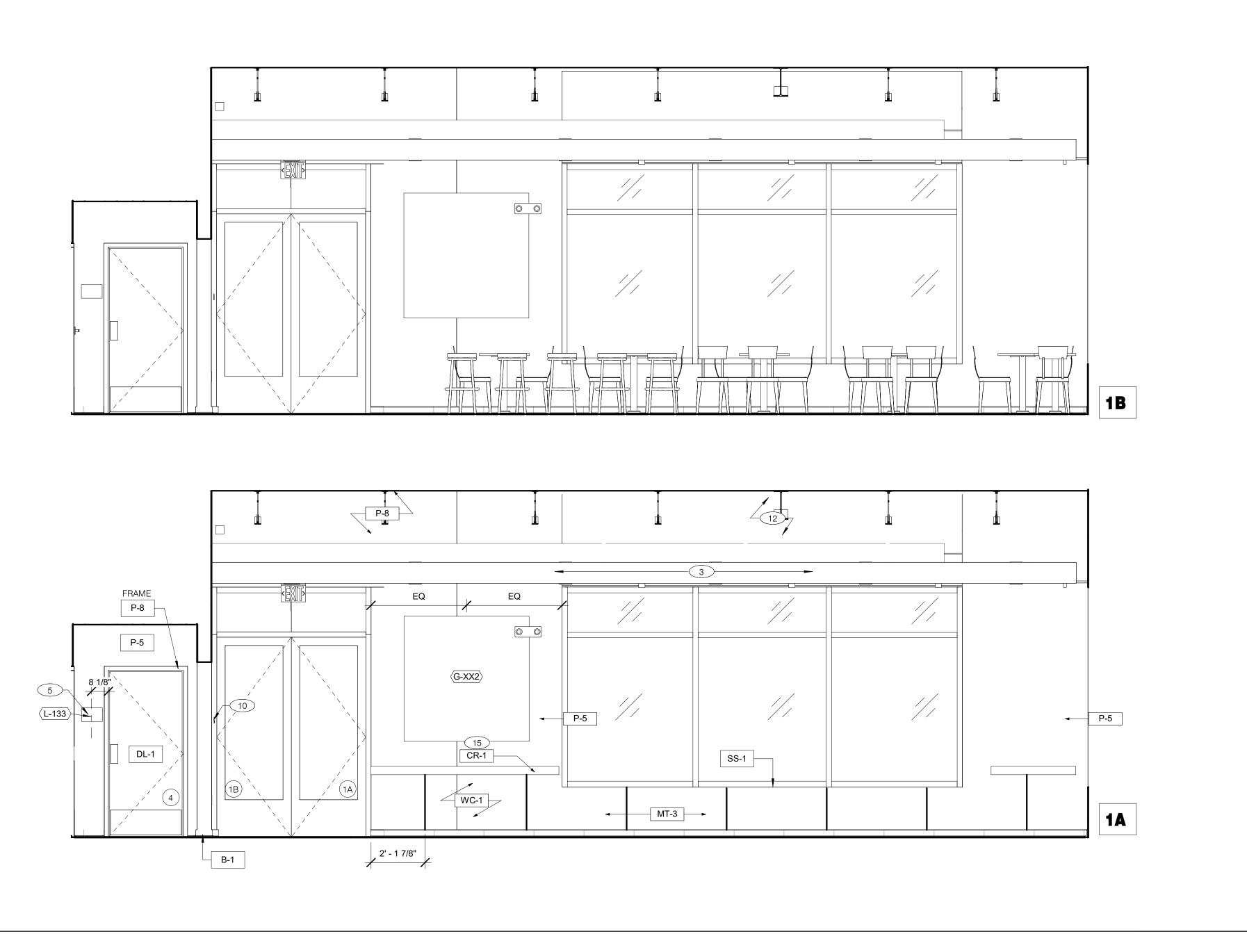
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T40 OPEN KITCHEN MODERN EXPLORER

INTERIOR ELEVATIONS DINING ROOM

A8.0

DINING 3/8" = 1'-0"



SEE SHEET A8.0 FOR KEY NOTES

DINING 3/8" = 1'-0"

CONTRACT DATE: 03.06.18

BUILDING TYPE: T40M-O

PLAN VERSION: DEC 2017

BRAND DESIGNER:

SITE NUMBER: 309797/420630

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SITE NUMBER: 3
STORE NUMBER:

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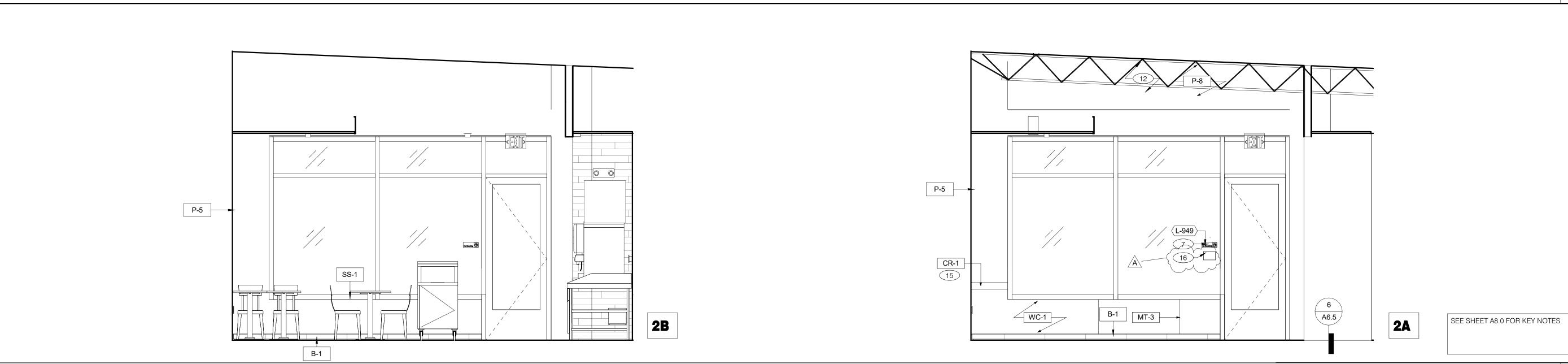


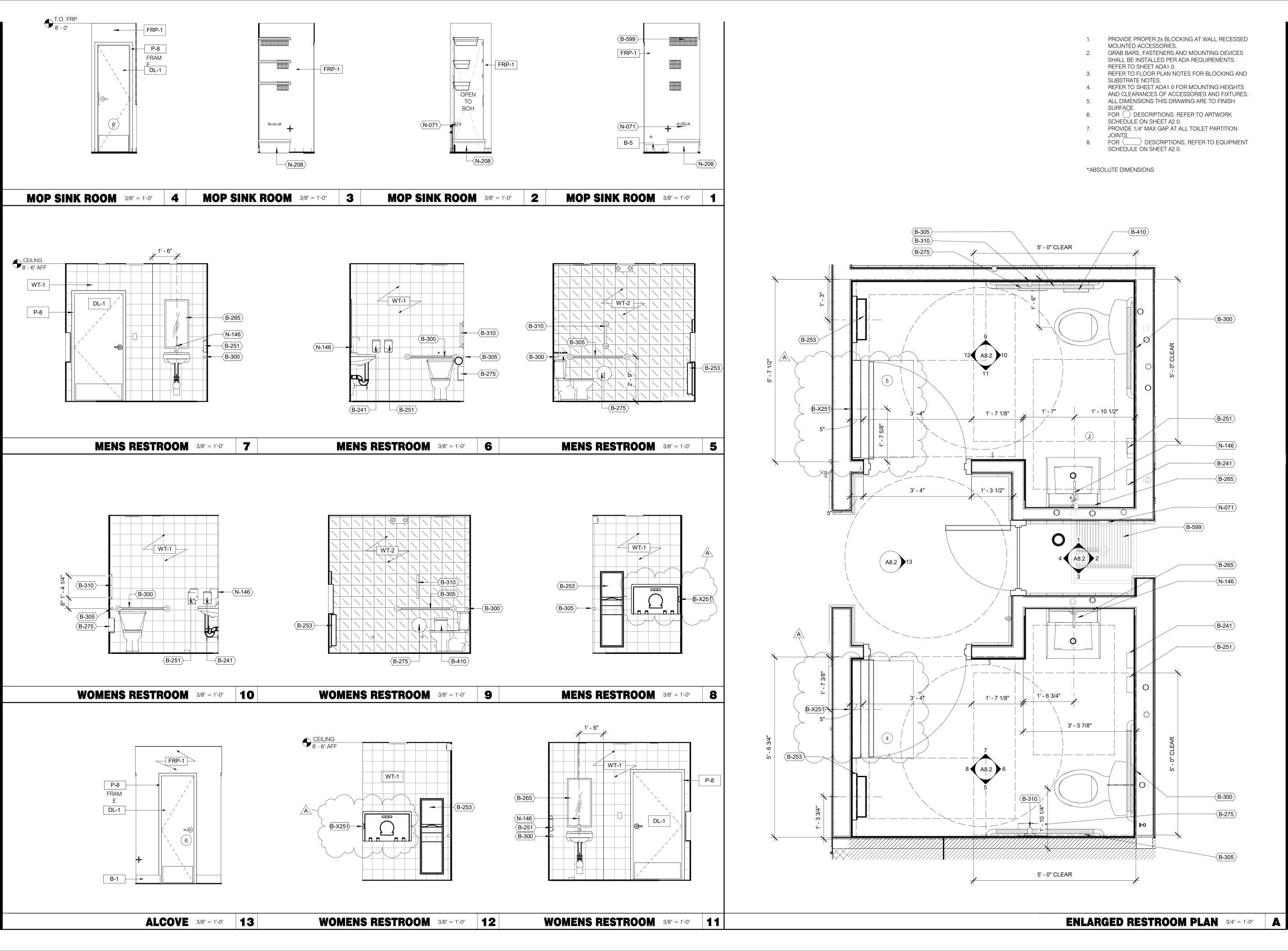
T40 OPEN KITCHEN MODERN EXPLORER

INTERIOR ELEVATIONS DINING ROOM

A8.1

DINING 3/8" = 1'-0"





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CONTRACT DATE: 03.06.18
BUILDING TYPE: T40M-O
PLAN VERSION: DEC 2017
BRAND DESIGNER:

SITE NUMBER: 309 STORE NUMBER:

TACO BELL 20711 S DIXIE HWY.

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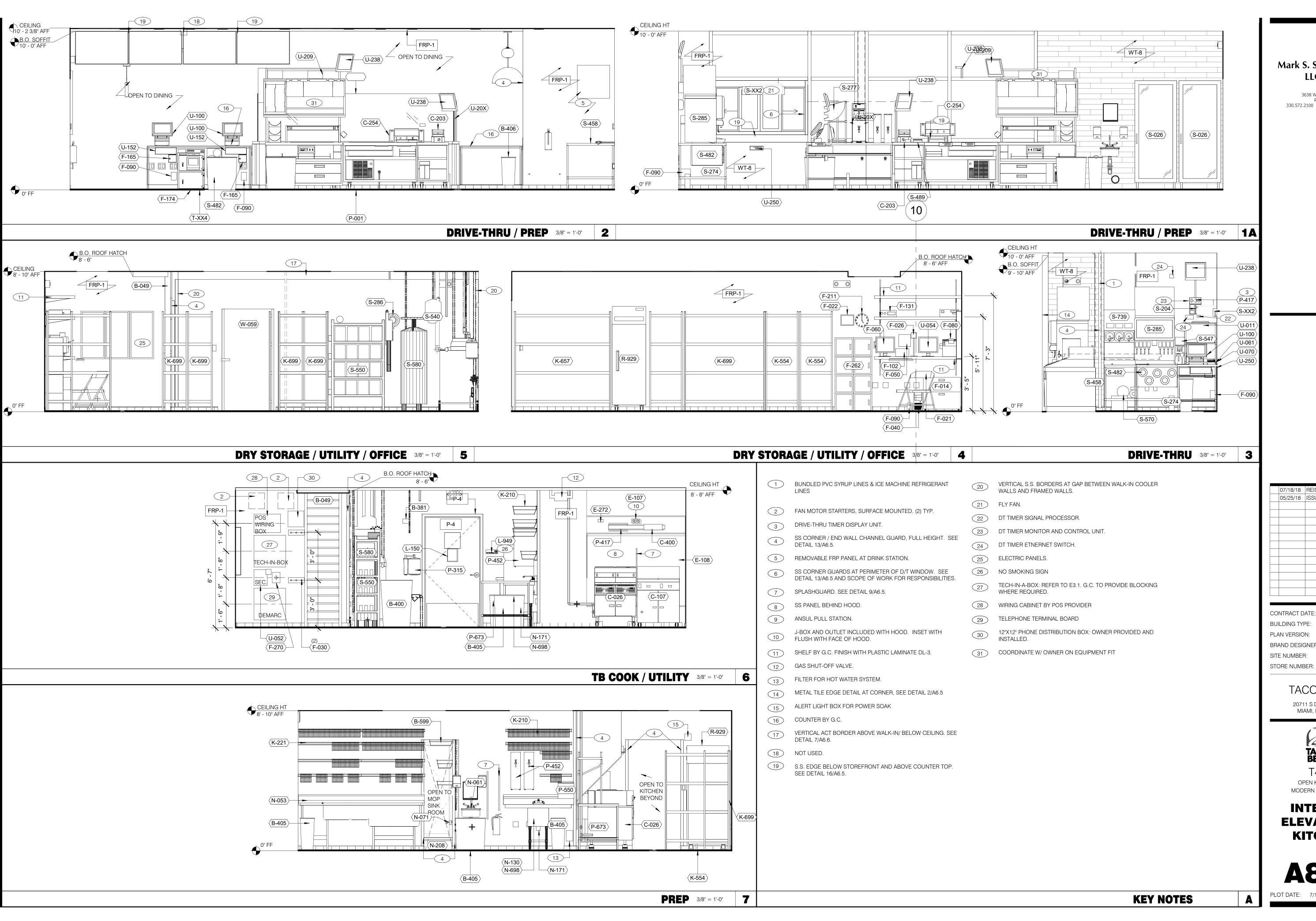


OPEN KITCHEN MODERN EXPLORER

INTERIOR ELEV. ENLARGED RESTROOMS

A8.2

PLOT DATE: 7/18/2018 1:04:36 PM



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07/18/18 | REISSUED FOR BID 05/25/18 ISSUED FOR BID

03.06.18

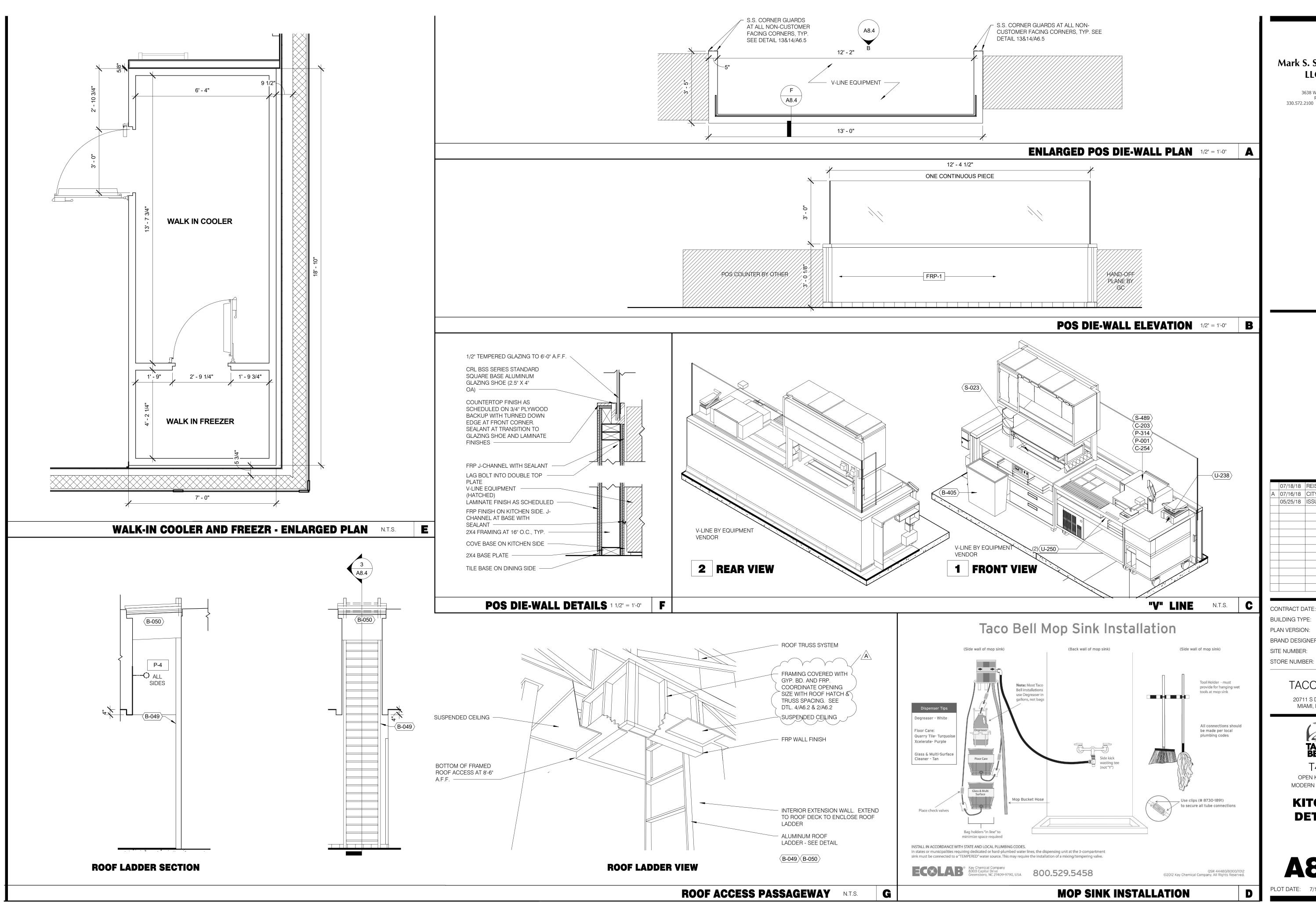
T40M-O BUILDING TYPE: PLAN VERSION: DEC 2017 BRAND DESIGNER: 309797/420630

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OPEN KITCHEN MODERN EXPLORER

INTERIOR ELEVATIONS KITCHEN



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07/18/18 | REISSUED FOR BID 07/16/18 CITY COMMENTS 05/25/18 ISSUED FOR BID

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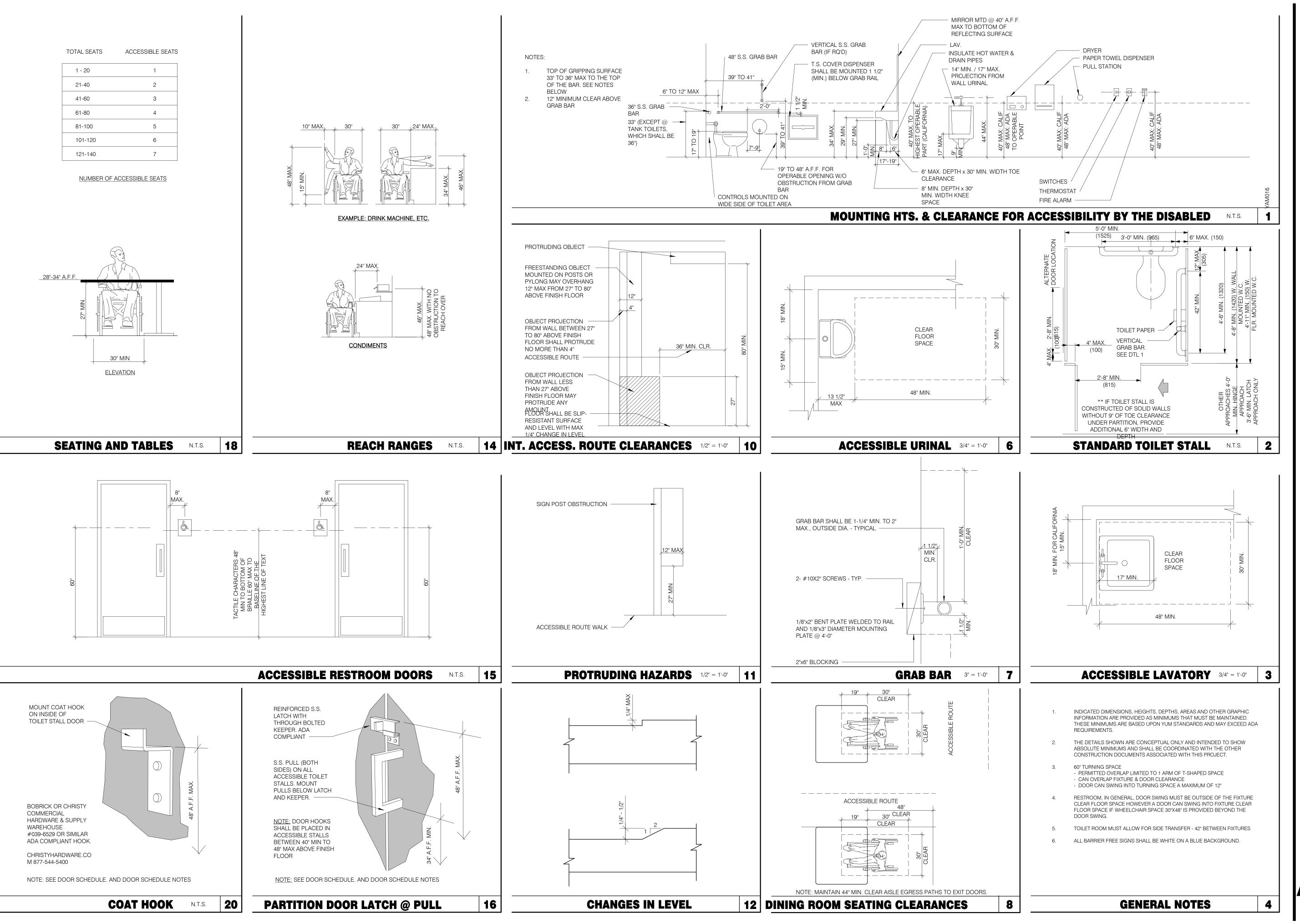
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OPEN KITCHEN

MODERN EXPLORER

KITCHEN DETAILS



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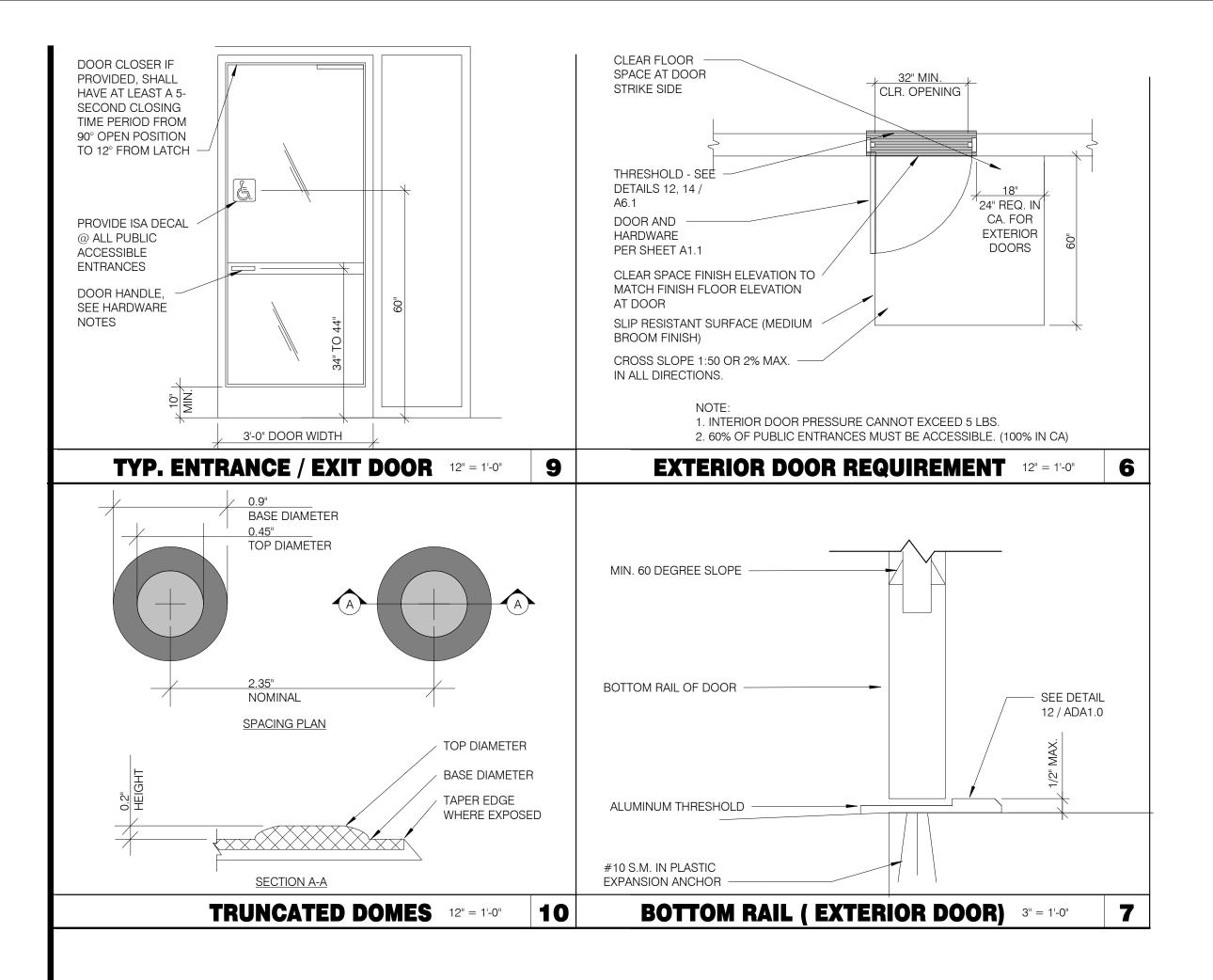
MIAMI, FL 33186

BELL.
T40
OPEN KITCHEN
MODERN EXPLORER

ACCESSIBILITY REQUIREMENTS

ADA1.0

PLOT DATE: 7/18/2018 1:06:07 PM



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DEC 2017

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PLAN VERSION: BRAND DESIGNER:

SITE NUMBER: STORE NUMBER:

TACO BELL

20711 S DIXIE HWY. MIAMI, FL 33186



140 OPEN KITCHEN MODERN EXPLORER

ACCESSIBILITY REQUIREMENTS

ADA1.1

PLOT DATE: 7/18/2018 1:06:08 PM

GENERAL:

- LOCATE, CUT AND FRAME ROOF OPENINGS AS SHOWN FOR ALL HVAC EQUIPMENT AND EXHAUST FANS. IT IS VERY IMPORTANT THAT ACCURATE MEASUREMENTS ARE USED WHEN LOCATING EXHAUST FAN ROOF OPENINGS TO ENSURE THAT NO ADDITIONAL OFF-SETS ARE REQUIRED IN THE EXHAUST DUCTWORK. COORDINATE ROOF OPENINGS WITH
- 3. PROVIDE ANY FRAMING REQUIRED FOR DIFFUSER INSTALLATION IN HARD CEILING.
 4. ROOF MOUNTED EQUIPMENT SHALL BE INSTALLED TO RESIST WIND PRESSURE AS PER FBCM 301.15 AT VELOCITIES IDICATED
 - MECHANICAL PIPING, ELECTRICAL CONDUITS, SERVICE LINES RUNNING ON ROOF, EXCEPT CONDENSATE DRAIN LINE SHALL BE RAISED 8 IN. MINIMUM.

- INSTALLATION SHALL CONFORM TO THE ENERGY CONSERVATION DESIGN MANUAL STANDARDS FOR NEW NONRESIDENTIAL
- ALL WORK AND MATERIALS SHALL COMPLY WITH GOVERNING CODES, SAFETY ORDERS AND REGULATIONS.
- OBTAIN AND PAY FOR ALL NECESSARY PERMITS, FEES AND INSPECTIONS REQUIRED BY GOVERNING AUTHORITIES.
- E.C. SHALL PROVIDE CONDUIT FOR LINE AND LOW VOLTAGE WIRING, LINE VOLTAGE WIRING SWITCHES, AND FINAL CONNECTIONS. M.C. SHALL PROVIDE 24V CONTROL WIRING AND FINAL CONNECTIONS.
- ANY EQUIPMENT THAT IS SUBSTITUTED SHALL FIT IN THE SPACE PROVIDED WITH ADEQUATE ROOM FOR SERVICING, INCLUDING SUBSTITUTE EQUIPMENT NAMED IN THE SPECIFICATIONS. SUBMIT A 1/4" SCALE DRAWING OF ALL EQUIPMENT SUBSTITUTED
- FOR APPROVAL PRIOR TO INSTALLATION, INCLUDING, BUT NOT LIMITED TO, STRUCTURAL AND ARCHITECTURAL IMPACT, CLEARANCE REQUIREMENTS AND UTILITY REQUIREMENTS. FOR INSTALLATION OF RECHARGEABLE REFRIGERANT LINES FROM ICE MACHINE TO CONDENSER ON ROOF, SEE SCOPE OF
- HVAC UNITS SHALL BE MOUNTED LEVEL ON ROOF CURBS.
- ALL SUPPLY / RETURN DUCTWORK SHALL BE EXTERNALLY INSULATED.
- ALL SUPPLY / RETURN DUCTS SHALL BE RIGID, WITH THE EXCEPTION OF THE LAST 14'-0", WHICH MAY BE FLEX.
- SMOKE DETECTOR SHALL BE INSTALLED IN THE RETURN AIR DUCT, PRIOR TO ANY OUTSIDE AIR CONNECTIONS, AND SHALL DEACTIVATE ROOFTOP UNIT UPON SENSING SMOKE. INCLUDE SMOKE DETECTOR IN THE SUPPLY AIR DUCT ONLY IF REQUIRED
- ALL HOOD EXHAUST DUCTS SHALL BE RIGID 16 GA MINIMUM, WELDED DUCT. GRIND ALL WELDS SMOOTH. PROVIDE 3M FIRE BARRIER DUCT WRAP FOR ALL HOOD EXHAUST DUCTS. SEE 15/M4.0.
- ALL BRANCH DUCTS FEEDING INDIVIDUAL DIFFUSERS SHALL HAVE DAMPERS AT TAKEOFFS FOR AIR BALANCING. PROVIDE ACCESS PANELS TO DAMPERS. SEE 4/M4.0.
- ALL UTILITY PIPING FOR RTU'S SHALL RUN UP THROUGH ROOF INSIDE EACH UNIT'S ROOF CURB.
- ALL OUTSIDE AIR INTAKES SHALL BE A MINIMUM OF 10'-0" FROM EXHAUST FANS AND / OR VENTS.
- FINAL HVAC SYSTEM TESTING AND BALANCING SHALL BE PERFORMED BY INDEPENDENT AGENT CONTRACTED DIRECTLY BY THE OWNER. A RE-TEST IS MANDATORY FOR A FALSE START (I.E. NO POWER UPON AGENT'S ARRIVAL, EQUIPMENT NOT WIRED, ETC.) AND SHALL BE A COST INCURRED BY THE G.C. IN THE EVENT A SYSTEM / STORE RECEIVES A GRADE OF 5 OR BELOW AS A RESULT OF THE HVAC SYSTEM PERFORMANCE OR OPERATIONAL DEFICIENCIES, OWNER WILL REQUEST A RE-TEST AND THE COST FOR SAME SHALL BE ALSO INCURRED BY THE GENERAL CONTRACTOR.

MECHANICAL NOTES

SYMBOL &	ABBREV.	DESCRIPTION	SYMBOL & ABBREV.	DESCRIPTION
	SA/SUP	SUPPLY AIR (RISE/DROP)	A/C, AC	AIR CONDITIONING
	RA/RET	RETURN AIR DUCT (RISE/DROP)	BDD	BACK DRAFT DAMPER
	EA/EXH	EXHAUST AIR DUCT (RISE/DROP)	СВ	CIRCUIT BREAKER
	CD/SR	CEILING DIFFUSER/SUPPLY REGISTER (ARROWHEAD REPRESENTS NUMBER OF THROW)	CLG.	CEILING
	RR/RG		CONN.	CONNECT/CONNECTION
	RR/RG	RETURN REGISTER/GRILLE	CONT.	CONTINUATION
	ER/EG	EXHAUST REGISTER/GRILLE	CONT'R	CONTRACTOR
		RECTANGULAR DUCT ELBOW WITH TURNING VANES	CFM	CUBIC FEET PER MINUTE
	FC	FLEXIBLE CONNECTION	DET.	DETAIL
	MCD	MANUAL VOLUME DAMPER	DISC.	DISCONNECT
			DTR	DOWN THRU ROOF
	FD	FIRE DAMPER	EF	EXHAUST FAN
	(L)	DUCT LINING (1" THICK UNLESS OTHERWISE NOTED)	(E)	EXISTING
		SINGLE LINING DUCT BRANCH TAKEOFF	GA.	GAGE/GAUGE
		DUCT TRANSITION (RECTANGULAR TO ROUND)	GC	GENERAL CONTRACTOR
	FLEX	FLEXIBLE DUCT (14'-0" MAXIMUM)	HVAC	HEATING, VENTILATING, AND AIR CONDITIONING
T	T-STAT	PROGRAMMABLE THERMOSTAT, PROVIDED WITH LENNOX PACKAGE	MFR.	MANUFACTURER
(TS)		THERMOSTAT SENSOR (REMOTE), PROVIDED WITH LENNOX PACKAGE	MECH.	MECHANICAL
Н		HUMIDITY SENSOR (REMOTE), PROVIDED WITH LENNOX PACKAGE	(N)	NEW
— D —	D	CONDENSATE DRAIN	OA/OSA	OUTSIDE AIR
Ø	DIA.	DIAMETER	OBD	OPPOSED BLADE DAMPER
—— DL ——	DL	DOOR LOUVER	S/S	STAINLESS STEEL
UC	UC	DOOR UNDERCUT (3/4" MINIMUM)	TYP.	TYPICAL
		MEGUANIGAL EGUIDAENT REGIONATION	UON	
(X-X 0000)		MECHANICAL EQUIPMENT DESIGNATION		UNLESS OTHERWISE NOTED
R	RESET	SMOKE DETECTOR RESET	UTR	UP THRU ROOF

MECHANICAL SYMBOLS

HVAC DESIGN CHART 7

HVAC DESIGN CHART		
HVAC DESIGN REQUIRES	YES	NO
DUCT SMOKE DETECTOR	x	
FIRE DAMPER(S)		Х
SMOKE DAMPER(S)		Х
FIRE RATED ENCLOSURE		Χ
FIRE RATED ROOF/FLOOR CEILING ASSEMBLY		X
FIRE STOPPING		Х
SMOKE CONTROL		Х

	FAN DATA				COOLING CAPACITY		HEATING CAPACITY			UNIT ELECT DATA											
				MIN.					MIN CAP		INPUT										
		AREA	SUPPLY	O.A.				NOMINAL	(MBH)		STAGE	OUTPUT	HEATING	AFUE	VOLTS/		MOCP	WEIGHT			
	MARK	SERVED	CFM	CFM	ESP	HP	RPM	TONS	TOT/SEN	EER	(MBH)	(MBH)	STAGES	%	PH	MCA (A)	(A)	(LBS.)	MANUF.	MODEL	NOTES
GREEN	RTU-1	DINING	2625	750	1.0"	3	1095	7.5	93.0/67.9	12.5	130	104	2	80.	208/3	44	50	1261	LENNOX	LGH092H4BS1Y	1,2,3,4,5,6,7,8
	RTU-2	KITCHEN	5250	800	1.0"	5	970	15.0	182.1/138.4	12.0	169	135	1	80	208/3	71	80	2212	LENNOX	LGH180H4BL1Y	1,2,3,4,5,6,7,8

520 South Main Street, Suite 2531

330.572.2100 Fax: 330.572.2102

Akron, OH 44311

SCHEDULE NOTES:

1. LISTED CAPACITY IS THE STANDARD UNIT'S GROSS COOLING CAPACITY AT 80 DEG. F. DB / 67 DEG. F. WB EAT AND 95 DEG. F. AMBIENT. OUTDOOR DESIGN CONDITION. SUMMER 90 DEG. F. & 77 DEG. F WB. WINTER 46 DEG. F. (ARI STANDARD CONDITIONS). THERMOSTAT SHALL BE PROGRAMMED FOR 73 DEG. F IN SUMMER AND 68 DEG. F IN WINTER WITH 2 DEG ADJ. FUNCTION UP OR DOWN. THE UNOCCUPIED TEMP SHALL BE SET TO THE STORE SCHEDULE AND 60 DEG. F MINIMUM.

2. SPECIFIED RTUS ARE DOWN DISCHARGE PACKAGED GAS / ELECTRIC ROOFTOP UNITS/WITH MINIMUM 2-STAGE COOLING. INCLUDES THROUGH THE ROOF CURB POWER, GAS & CONDENSATE DRAIN. GAS PIPING SHALL BE FACTORY PIPED WITH SHUT-OFF OUTSIDE OF WHY.

3. SPECIFIED UNIT INCLUDES HINGED ACCESS DOORS, 2" PLEATED FILTERS, LOW AMBIÊNT CONTROL TO 0 DEG. F., MODULATING ECONOMIZER, CIRCUIT BREAKER WITH SINGLE POINT WIRING, HAIL GUARD, AND FACTORY FABRICATED, KNOCK DOWN ROOF CURB. ROOF CURB SHALL BE MINIMUM 8" TALL.

4. SPECIFIED UNIT INCLUDES FACTORY INSTALLED GAS REHEAT OPTION, INCLUDING REMOTE MOUNTED TEMPERATURE AND HUMIDITY SENSORS AS INDICATED ON THE DRAWINGS.

5. SPECIFIED UNIT INCLUDES SUPPLY AIR TEMPERING CONTROL

6. UNITS REQUIRE EPOXY COATED COILS.

7. SPECIFIED RTUS SHALL BE SUPPLIED WITH OVERSIZED INDOOR FAN MOTOR AND EVAPORATOR MOTOR.

8. PROVIDE AND INSTALL HURRICANE STRAPPING PER MANUFACTURER'S SPECIFICATIONS.

HVAC UNIT SCHEDULE

		FAN DATA								
EEN	Mark	CFM	ESP	RPM	HP	VOLTS/PH	DRIVE TYPE	MANUFACTURER	MODEL	NOTES
	EF-1	1050	0.9	1344	1/2	120/1	DIRECT	STRATOVENT	#SVDU50HFA	1,3,5,6,7,8,10
	EF-2	300	0.375	1025	1/4	120/1	DIRECT	STRATOVENT	#SVDR30HFA	2.4.7.8.9.10.11

UL 762 LISTED (GREASE)

UL 705 LISTED (HEAT OR STEAM) FLAT ROOF CURB, 19.5" X 19.5" X 26"H, VENTED FLAT ROOF CURB, 19.5" X 19.5" X 14"H GREASE CUP WITH DRAIN

FACTORY ATTACHED HINGES WEATHERPROOF PRE-WIRED DISCONNECT SWITCH

PROVIDE PRE-WIRED SOLID STATE SPEED CONTROLLER

GRAVITY BACKDRAFT DAMPER

PROVIDED BY OWNER WITH HOOD PACKAGE

PROVIDED WITH DAMPER TRAY

SUPPLY AND EXHAUST FAN SCHEDULE

			FACE SIZE OR	(NO.) & AIR							
MARK	QUANTITY	NECK SIZE	GRID SIZE	PATTERN	TYPE	MAX FLOW (CFM)	MOUNTING	MATERIAL	MANUFACTURER	MODEL NUMBER	REMARKS
E-1	2	8"Ø	12x12	-	EXHAUST	50	SURFACE	ALUMINUM	METAL-AIRE / TITUS	CC5 / 50F	FRN SQR TO RND ADAPTER
E-2	1	8"Ø	12x12	-	EXHAUST	150	SURFACE	ALUMINUM	METAL-AIRE / TITUS	CC5 / 50F	FRN SQR TO RND ADAPTER
R-1	4	22x22	24x24	-	RETURN	2225	LAY-IN	ALUMINUM	METAL-AIRE / TITUS	CC5-FB-TB / 50FF	FULLY REMOVABLE FACE
S-1	7	SEE PLANS	24x24	(2)4W/(2)3W	SUPPLY	600	LAY-IN	ALUMINUM	METAL-AIRE / TITUS	5000-6 / TDC-AA	FRN SQR TO RND ADAPTER
S-2	3	6"Ø	14x14	HORIZ	SUPPLY	75	SURFACE	ALUMINUM	METAL-AIRE / TITUS	5000-1 / TDC-AA	FRN SQR TO RND ADAPTER
S-3	3	18x6	20x8	VERT	SUPPLY	520	SURFACE	ALUMINUM	TITUS	301RL	SUPPLY GRILLE WITH SINGLE DEFLECTION
S-4	5	SEE PLANS	24x24	HORIZ	SUPPLY	525	LAY-IN	ALUMINUM	HART & COOLEY	RZMCDST	PLASTIC MODULAR CORE

5

1. DIFFUSERS IN SURFACE MOUNTED CEILINGS SHALL BE PROVIDED WITH OPPOSED BLADE DAMPERS. SEE ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

AIR DEVICE SCHEDULE

VENTILA	ITILATION AIR CALCULATION (BASED ON THE 22017 FMC AND ASHRAE STANDARD 62.1)									
MARK	AREA SERVED	OCCUPANCY CATEGORY	ZONE AREA (Az)	OCCUPANCY DENSITY (P/1000 SF)	ZONE POPULATION (Pz)	OUTDOOR AIR CFM PER PERSON (Rp)	OUTDOOR AIR CFM PER SF (Ra)	ZONE AIR EFFECTIVENESS (Ez)	MINIMUM OUTDOOR AIR (CFM)	
RTU-1	DINING	DINING ROOMS	658	SEAT COUNT	40	7.5	0.18	0.8	524	
RTU-2	KITCHEN	KITCHEN	969				0.7	0.8	848	
								TOTAL	1372	

1. SEATING ZONE POPULATION IS BASED UPON SEAT COUNT WITH NO DIVERSITY.

$\nearrow \nearrow$						
	ITEM	OA	RA	SA	EA	PRESSURE
	EF-1				1050	-1050
	EF-2				300	-300
	RTU-1	750	1875	2625		+750
	RTU-2	800	4450	5250		+800
	TOTAL	1550	6325	7875	1350	+200

THE OUTSIDE PERCENTAGE OF TOTAL SUPPLY AIR IS 25.0% FOR RTU-1 AND 21% FOR RTU-2.

OPEN KITCHEN MODERN EXPLORER

Taco Bell

20711 DIXIE HWY. MIAMI, FL 33186

BUILDING TYPE: PLAN VERSION: BRAND DESIGNER:

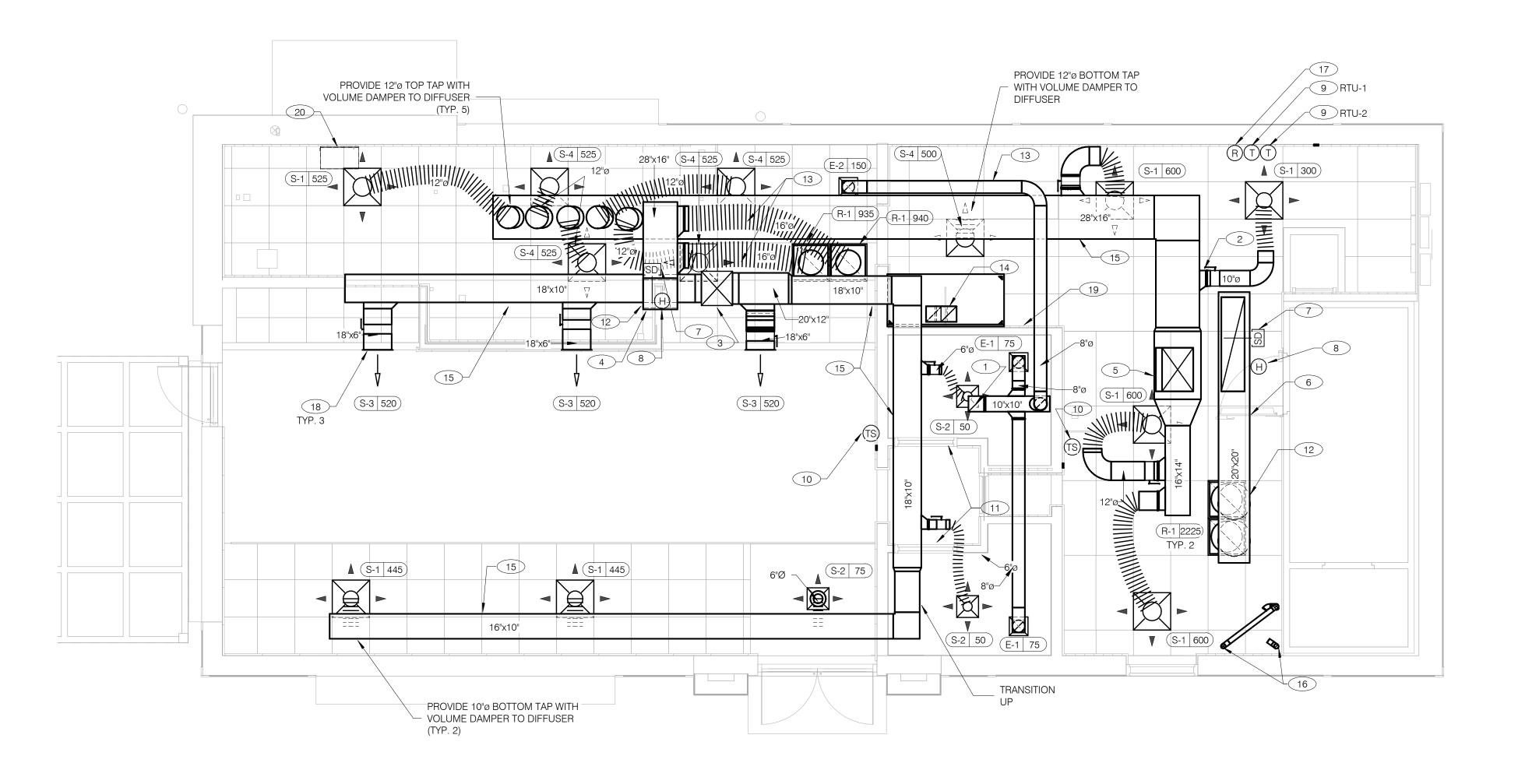
SITE NUMBER: STORE NUMBER:

07/18/18 | REISSUED FOR BID A | 07/16/18 | CITY COMMENTS 05/25/18 ISSUED FOR BID

T40M-O

MECHANICAL SCHEDULES AND NOTES

AIR BALANCE SCHEDULE CFM



COVER ALL HVAC DUCT SYSTEMS OPENINGS TO PROTECT FROM CONSTRUCTION DUST AND DEBRIS UNTIL CONSTRUCTION IS COMPLETE. IF THE HVAC SYSTEM IS OPERATED BEFORE CONSTRUCTION IS COMPLETE, PROVIDE MERV8 FILTERS AT ALL AIR INTAKES INSIDE THE BUILDING.



DUCT AND DIFFUSER PLAN 1/4" = 1'-0"

- 2 SEE DETAIL 4 ON DRAWING M4.0 FOR SUPPLY AIR TAKE-OFF TO CEILING DIFFUSERS AND GRILLES.
- 3 EXTEND FULL SIZE SUPPLY DUCT DROP WITH FLEX CONNECTION TO RTU-1.
- 4 DUCT TRANSITION FROM MAIN RETURN PLENUM TO 22"X18" RETURN AIR DUCT. CONNECT TO RETURN AIR PLENUM AT ROOFTOP UNIT RTU-1 WITH FLEX CONNECTION.

1 10x10 EXHAUST AIR DUCT UP TO EF-2.

- 5 EXTEND FULL SIZE SUPPLY PLENUM WITH FLEX CONNECTION TO RTU-2.
- 6 EXTEND FULL SIZE RETURN DUCT DROP WITH FLEX CONNECTION TO RTU-2.
- FURNISH AND INSTALL SMOKE DETECTOR IN THE RETURN AIR DUCT, IN ACCORDANCE WITH LOCAL CODES. DUCT SMOKE DETECTOR WIRED BY ELECTRICAL CONTRACTOR, SEE SHEET E3.2.
- 8 HUMIDITY SENSOR (REMOTE). HUMIDITY SENSOR LOCATION SHALL BE PLACED IN RETURN AIR DUCTWORK.
- 9 LOCATE THERMOSTAT CONTROLS ON WALL IN OFFICE AT 48" A.F.F. COORDINATE LOCATION WITH LIGHT SWITCHES AND OTHER WALL MOUNTED ACCESSORIES.
- MOUNT THERMOSTAT REMOTE SENSOR AT 60" ABOVE FINISHED FLOOR.
- 11 UNDERCUT RESTROOM DOORS MINIMUM 3/4" FOR MAKE-UP AIR.
- 12 RUN DUCTWORK BETWEEN TRUSSES AS HIGH AS POSSIBLE. COORDINATE ACTUAL DUCT ROUTING WITH FINAL TRUSS SPACING AND LOCATIONS.

- RUN DUCT THROUGH OPEN WEBBING OF ROOF TRUSSES (WHERE POSSIBLE). COORDINATE WITH TRUSS DESIGN PRIOR TO DUCTWORK FABRICATION.
- 14 10"x10" EXHAUST AIR DUCT DOWN FROM EF-1 AND TRANSITION TO FIELD CUT EXHAUST CONNECTION AT HOOD. EXHAUST DUCT SHALL BE ROUTED THROUGH TRUSS WEBS TO CONNECT TO HOOD COLLAR, SEE HOOD DETAILS ON DRAWING M3.0. SEE DETAIL 10 ON SHEET M4.0 FOR FIRE PROTECTION OF DUCT WORK. SEE DETAIL 6 ON SHEET M4.0 FOR EXHAUST DUCT TRANSITION.
- RUN MAIN SUPPLY DUCT UNDER BOTTOM OF TRUSS. COORDINATE ACTUAL DUCT ROUTING WITH FINAL CEILING HEIGHT.
- 16 FURNISH AND INSTALL 3" PVC WATER HEATER INTAKE AND FLUE VENT TERMINATION ON ROOF. COORDINATE WORK WITH ALL TRADES.
- NEW SMOKE DETECTOR RESET SWITCH WITH KEY. MFR. IS "SYSTEM SENSOR" MODEL # RT5151 KEY. MOUNT NEXT TO THERMOSTATS @ 48" A.F.F. INSTALL PER MFR. SPECIFICATIONS.
- 18 INSTALL SIDE-WALL MOUNTED GRILLE AT APPROXIMATELY 10'-8" A.F.F. CONNECT GRILLE TO SUPPLY DUCT AND PROVIDE WITH VOLUME DAMPER AT CONNECTION PAINT TO MATCH ADJACENT CONDITIONS.
- CONTRACTOR TO INSTALL FIRE SUPPRESSION CABINET ON EXHAUST HOOD. CONTRACTOR TO PROVIDE ALL NECESSARY PIPING, FITTINGS, AND ACCESSORIES TO MAKE FINAL CONNECTION AT HOOD. FIELD VERIFY EXACT LOCATION OF FIRE SUPPRESSION CABINET.
- CONTRACTOR TO PROVIDE AND INSTALL AIR CURTAIN IN LOCATION AS SHOWN ON PLAN. MOUNT AIR CURTAIN ON MULLION DIRECTLY ABOVE SERVICE OPENING DOORS AT DRIVE-THRU WINDOW. PROVIDE BERNER MODEL DTU03-2026A AT 120/1/60. REFER TO MANUFACTURERS INSTALLATION INSTRUCTIONS FOR MORE DETAILS.



Akron, OH 44311 330.572.2100 Fax: 330.572.2102

07/18/18	REISSUED FOR BID
05/25/18	ISSUED FOR BID

CONTRACT DATE: 01.08.18
BUILDING TYPE: T40M-O
PLAN VERSION: DEC 2017

PLAN VERSION: DEC 2017
BRAND DESIGNER:
SITE NUMBER: 309797/420630

STORE NUMBER: 2017088.04

Taco Bell
20711 DIXIE HWY.
MIAMI, FL 33186



T40M-O
OPEN KITCHEN
MODERN EXPLORER

DUCT AND DIFFUSER PLAN

M2.0

GENERAL NOTES - MECHANICAL NTS C

DINING ROOM LIGHT FIXTURE LOCATIONS ARE CRITICAL.

LIGHT FIXTURE LOCATIONS.

APPLICATION CONDITIONS.

TEST AND BALANCE CORP.

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JENNIFER JACKSON

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kjohnson@melinkcorp.com AIR CARE EXPERTS

cmccabe@ace-iaq.com

STRUCTURAL.

MISTY CRIDER

MELINK CORP.

CHUCK McCABE

COORDINATE DUCTWORK LOCATIONS SO AS NOT TO CONFLICT WITH

SUBBASE. REMOTE TEMPERATURE SENSOR, AND REMOTE HUMIDITY

HVAC TEST AND BALANCE: CONTRACTOR TO CONTACT ONE OF THE

FOLLOWING COMPANIES TO PERFORM THE HVAC AIR BALANCE.

THERMOSTATS SHALL BE PROGRAMMABLE THERMOSTAT WITH

HUMIDITY SENSOR APPLICATION IS VARIABLE PER SITE SPECIFIC

CONDITIONS. REFER TO HVAC UNIT SCHEDULE, 1/M1.0, FOR

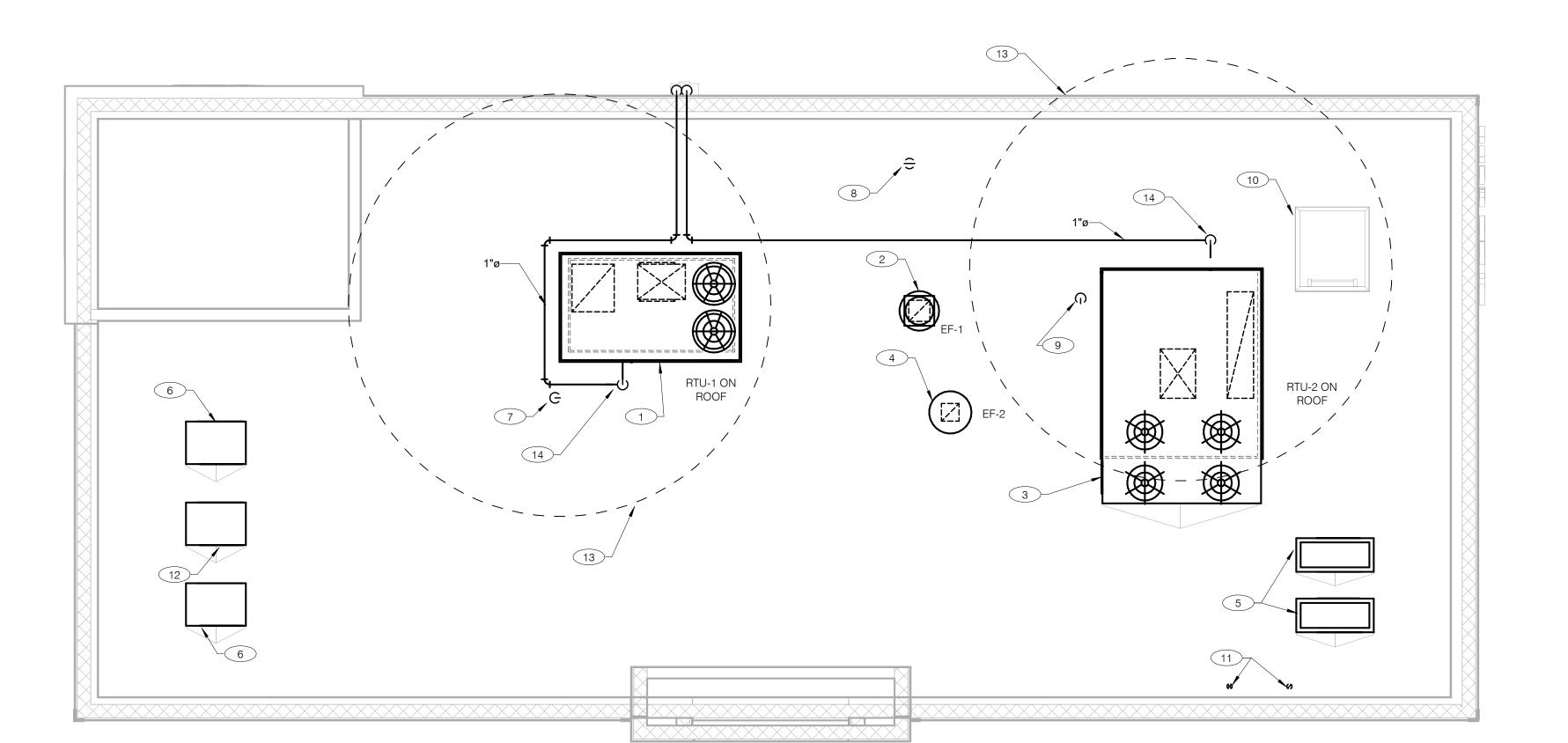
COORDINATE DUCTWORK LOCATIONS WITH LIGHTING AND

NO FLEX DUCT ALLOWED ON EXHAUST SYSTEMS.

C

KEYNOTES - DUCT AND DIFFUSER NTS





COVER ALL HVAC DUCT SYSTEMS OPENINGS TO PROTECT FROM CONSTRUCTION DUST AND DEBRIS UNTIL CONSTRUCTION IS COMPLETE. IF THE HVAC SYSTEM IS OPERATED BEFORE CONSTRUCTION IS COMPLETE, PROVIDE MERV8 FILTERS AT ALL AIR INTAKES INSIDE THE BUILDING.



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

- 1 CONTRACTOR TO PROVIDE AND INSTALL RTU-1 IN LOCATION AS SHOWN ON PLANS.
 COORDINATE EXACT RTU LOCATION AND DUCT DROPS WITH STRUCTURAL TRUSS
 LAYOUT
- 2 CONTRACTOR TO PROVIDE AND INSTALL TYPE I EXHAUST FAN (EF-1) IN LOCATION AS SHOWN PLANS. CONNECT 10"x10" EXHAUST DUCT FROM EXHAUST HOOD UP TO EF-1 ON ROOF. COORDINATION EXHAUST DUCT ROUTING WITH STRUCTURAL TRUSS
- CONTRACTOR TO PROVIDE AND INSTALL RTU-2 IN LOCATION AS SHOWN ON PLANS. COORDINATE EXACT RTU LOCATION AND DUCT DROPS WITH STRUCTURAL TRUSS LAYOUT.
- 4 CONTRACTOR TO PROVIDE AND INSTALL TYPE II EXHAUST FAN (EF-2) IN LOCATION AS SHOWN PLANS. CONNECT 10"x10" EXHAUST DUCT FROM RESTROOM EXHAUST GRILLES TO EF-2 ON ROOF. COORDINATION EXHAUST DUCT ROUTING WITH STRUCTURAL TRUSS LAYOUT.
- 5 CONDENSING UNIT SERVING WALK-IN COOLER/FREEZER. COORDINATE EXACT LOCATION WITH ROOF LAYOUT. CONTRACTOR TO FIELD VERIFY EXACT REFRIGERANT PIPING. PROVIDE ALL NECESSARY PIPING ACCESSORIES INCLUDING PIPING INSULATION AND INSTALL ON APPROPRIATE EQUIPMENT SUPPORTS.
- 6 CONDENSING UNIT SERVING ICE MAKER. COORDINATE EXACT LOCATION WITH ROOF LAYOUT. CONTRACTOR TO FIELD VERIFY EXACT REFRIGERANT PIPING. PROVIDE ALL NECESSARY PIPING ACCESSORIES INCLUDING PIPING INSULATION AND INSTALL ON APPROPRIATE EQUIPMENT SUPPORTS.
- 7 1" GAS PIPING UP THROUGH ROOF FROM BELOW. CONTRACTOR TO ROUTE GAS PIPING ON ROOF AND PROVIDE PIPING SUPPORTS. CONNECT TO RTU AND PROVIDE WITH SHUT-OFF VALVE AND DIRT LEG.
- 8 PLUMBING VENT, REFERENCE 1/P2.0. ENSURE AT LEAST A 10'-0" DISTANCE BETWEEN ANY OUTDOOR AIR INTAKES

- WIEGIANICAL IIGGI I LAN
- 9 1-1/4" GAS PIPING UP THROUGH ROOF FROM BELOW. CONNECT TO RTU AND PROVIDE WITH SHUT-OFF VALVE AND DIRT LEG.

 10 ROOF HATCH. REFER TO ARCHITECTURAL DRAWINGS FOR MORE

INFORMATION.

- FURNISH AND INSTALL 3" PVC WATER HEATER INTAKE AND FLUE VENT TERMINATION ON ROOF. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS. ENSURE AT LEAST A 10'-0" DISTANCE BETWEEN ANY OUTDOOR AIR INTAKES.
- CONDENSING UNIT SERVING FROZEN BEVERAGE MACHINE. COORDINATE EXACT LOCATION WITH ROOF LAYOUT. CONTRACTOR TO FIELD VERIFY EXACT REFRIGERANT PIPING. PROVIDE ALL NECESSARY PIPING ACCESSORIES INCLUDING PIPING INSULATION AND INSTALL ON APPROPRIATE EQUIPMENT SUPPORTS.
- MAINTAIN A MINIMUM 10'-0" CLEARANCE TO ANY EXHAUST TERMINATIONS.
- ROUTE 1" CONDENSATE DRAIN FROM RTU TO CLOSEST ROOF DRAIN. SEE DETAIL 10/P6.0.

OPEN KITCHEN
MODERN EXPLORER

MECHANICAL

ROOF PLAN

M2.1

KEYNOTES - ROOF PLAN NTS

07/18/18	REISSUED FOR BID
05/25/18	ISSUED FOR BID

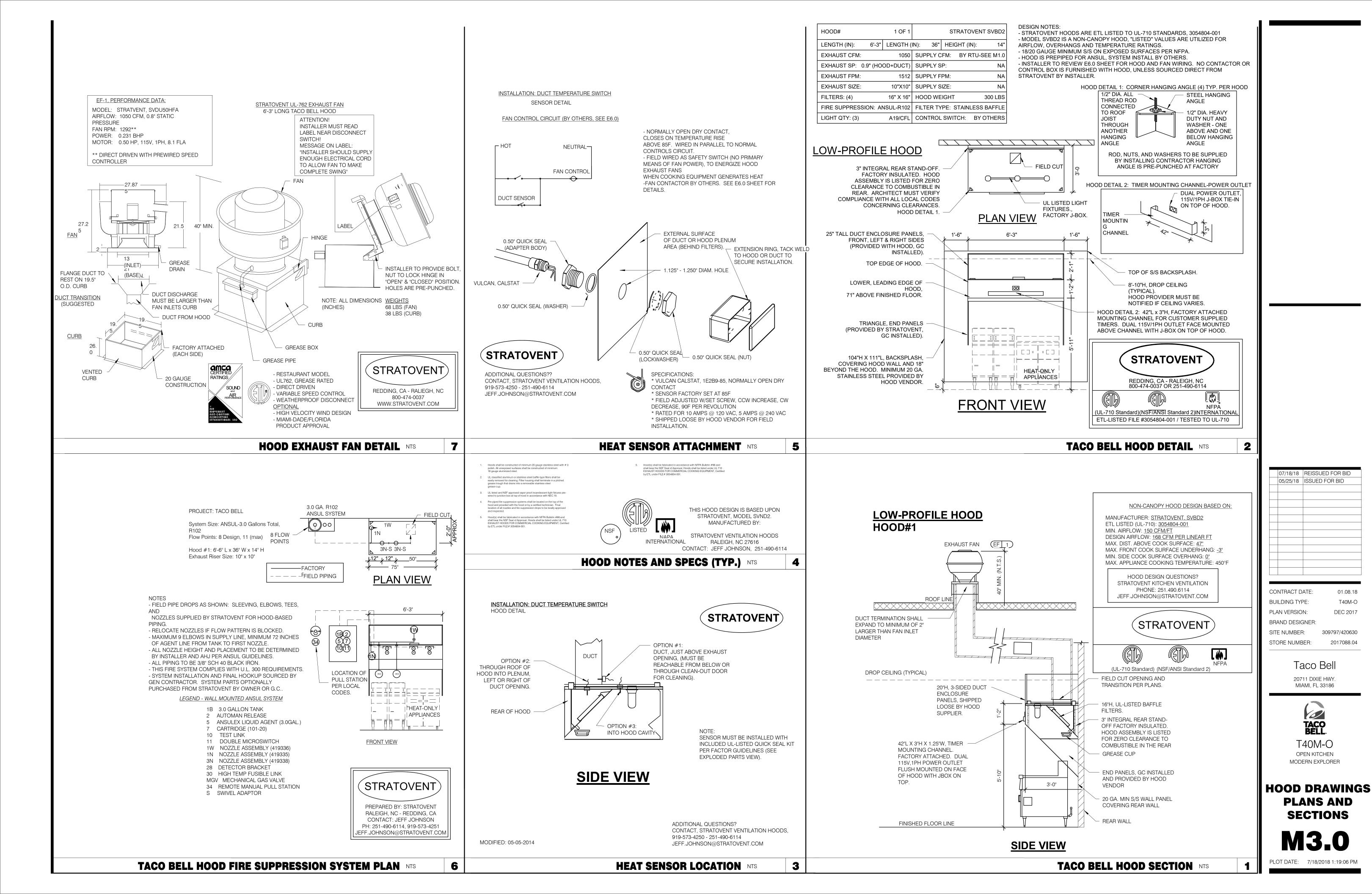
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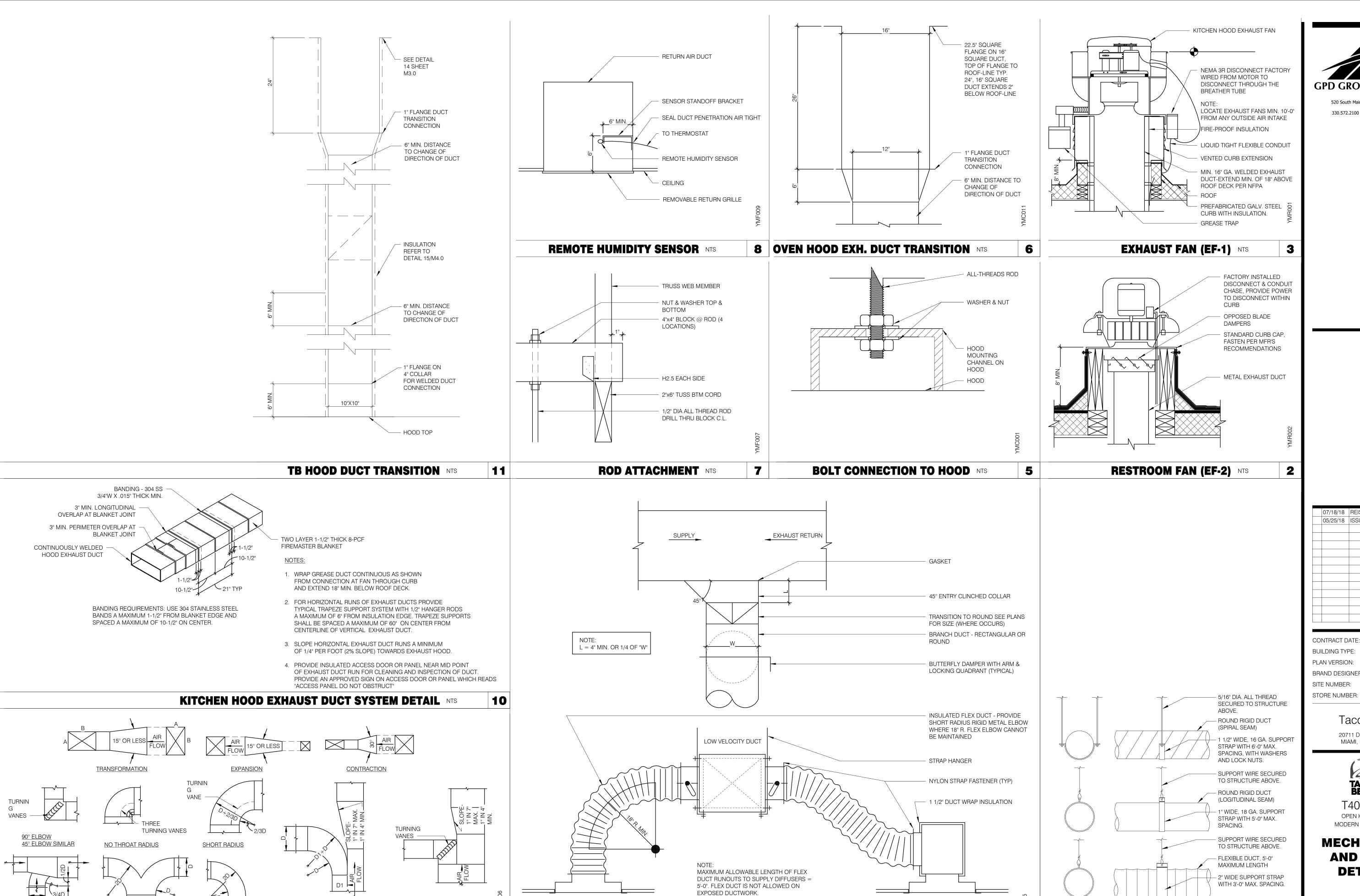
PLAN VERSION: DEC 2017
BRAND DESIGNER:
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Taco Bell

MIAMI, FL 33186







90° ELBOW TAKE-OFF

USE ONLY IN AREAS

WHERE SPACE IS

FULL RADIUS ELBOW

TYPICAL DUCTWORK DETAILS NTS

RETURN AIR

BRANCH FITTING

SUPPLY OR RETURN WYE

(RECTANGULAR DUCT)

FULL RADIUS

TOP CONNECTION

SIDE CONNECTION

CEILING DIFFUSER CONNECTIONS NTS

SECTIONS

4

SIDE VIEWS

DUCT SUPPORT DETAIL NTS

520 South Main Street, Suite 2531 Akron, OH 44311 330.572.2100 Fax: 330.572.2102

07/18/18 | REISSUED FOR BID 05/25/18 ISSUED FOR BID

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T40M-O

2017088.04 Taco Bell

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OPEN KITCHEN MODERN EXPLORER

MECHANICAL AND HOOD DETAILS

1. SOIL AND WASTE PIPE SHALL SLOPE 2% MINIMUM, UNLESS OTHERWISE NOTED OR REQUIRED BY CODE.

2. ALL DRAWN WATER & GAS LINES SHALL BE KEPT TIGHT TO THE UNDERSIDE OF EQUIPMENT &

3. VERIFY THE LOCATION OF THE SANITARY SEWER ON THE SITE PLAN AND SHALL REVISE THE SEWER SYSTEM AS REQUIRED.

4. PROVIDE TRAP PRIMERS FOR FLOOR DRAINS IN RESTROOMS, WHERE REQUIRED BY CODES. PROVIDE DEEP SEAL TRAPS FOR FLOOR DRAINS WITHOUT TRAP PRIMERS.

5. ALL CLEANOUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE. THE CONTRACTOR SHALL COORDINATE ALL CLEANOUT LOCATIONS WITH EQUIPMENT, CABINETS, ETC. AND THE OWNERS REPRESENTATIVE PRIOR TO ANY INSTALLATION.

6. ALL VALVES, TRAP PRIMERS, WATER HAMMER ARRESTORS OR OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILING SHALL BE INSTALLED BEHIND AN ACCESS PANEL.

7. ALL PLUMBING FIXTURE VENTS SHALL TERMINATE A MINIMUM OF 12 INCHES FROM ANY VERTICAL SURFACE AND 10 FEET FROM ANY OUTSIDE AIR INTAKE.

8. PROVIDE GAS PIPING TO UNITS AND ALL FINAL CONNECTIONS REQUIRED FOR OPERATION.

9. INSTALL SHUT-OFF VALVES ON ALL HOT & COLD WATER LINES TO FIXTURE OR APPLIANCE. ALL EXPOSED WATER AND WASTE LINES TO BE CHROME PLATED.

10. PROVIDE A LEVER HANDLE GAS SHUT-OFF VALVE IN THE BRANCH PIPING OF EACH APPLIANCE OR PIECE OF EQUIPMENT, FOR EACH APPLIANCE INSTALL QUICK DISCONNECT, FLEXIBLE PIPE WHEN ALLOWED BY CODE AND RESTRAINING DEVICE FURNISHED BY OWNER. PROVIDE PRESSURE REDUCING VALVES AT EACH PIECE OF EQUIPMENT OR APPLIANCE. IF GAS PRESSURE GREATER THAN 10"/wc IS USED DOWNSTREAM FROM THE GAS METER.

11. ALL VALVES, UNIONS, ETC. SHALL BE SAME SIZE AS PIPE UNLESS OTHERWISE INDICATED ON DRAWINGS.

12. REFER TO KITCHEN EQUIPMENT DRAWINGS FOR PLUMBING ROUGH-IN SCHEDULE & FOR ADDITIONAL WORK TO BE FURNISHED & INSTALLED BY CONTRACTOR. ALL ROUGH-IN PLUMBING AND FINAL CONNECTIONS TO KITCHEN EQUIPMENT SHALL BE MADE BY THE CONTRACTOR U.O.N.

13. REFER TO MECHANICAL SHEETS FOR HVAC AND HOOD PLUMBING REQUIREMENTS.

14. ALL GAS LINES SHALL BE SUPPORTED SEE SPECS.

15. ALL FLOOR SINKS AND FLOOR DRAINS IN TRAFFIC AREAS SHALL BE INSTALLED FLUSH TO FLOOR SURFACE.

16. PROVIDE WATER HAMMER ARRESTOR FOR ALL HAND SINKS AND URINAL WATER LINES.

17. PROVIDE AIR GAPS FOR INDIRECT DRAINS AS REQUIRED BY CODE. AIR GAP SHALL BE MINIMUM 2 TIMES THE DIAMETER OF THE INDIRECT DRAIN.

18. PRIOR TO COMMENCING WORK ON THIS PROJECT, VERIFY DEPTH, SIZE, LOCATION AND CONDITION OF ALL EXISTING UTILITIES IN FIELD. SHOULD CONDITIONS EXIST OTHER THAN THOSE INDICATED WHICH WOULD CAUSE THE DESIGN TO BE ALTERED, CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY.

19. COORDINATE INSTALLATION OF PLUMBING WORK WITH ALL OTHER TRADES SO AS TO AVOID UNNECESSARY DELAY OR INTERFERENCES. CONTRACTOR SHALL REVIEW ARCHITECTURAL AND EQUIPMENT SHEETS.

20. FURNISH & INSTALL ALL BACKFLOW PROTECTION DEVICES REQUIRED BY AGENCIES HAVING JURISDICTION. BACKFLOW DEVICES REQUIRING TESTING SHALL BE INSTALLED NO HIGHER THAN 5'-0"

21. PROVIDE CONDENSATE DRAIN FROM A/C UNITS TO APPROVED DRAIN, GAS PIPING TO UNITS AND ALL FINAL CONNECTIONS REQUIRED FOR OPERATION.

22. THE OWNER OR KITCHEN EQUIPMENT SUPPLIER MAY SUBSTITUTE EQUIPMENT OR THE EQUIPMENT MAY VARY FROM WHAT IS SHOWN. THEREFORE, VERIFY ALL CRITICAL DIMENSIONS WITH THE OWNER PRIOR TO CONSTRUCTION. FAILURE OF THE CONTRACTOR TO VERIFY THESE DIMENSIONS SHALL PLACE THE RESPONSIBILITY FOR ANY SUBSEQUENT RELOCATION DIRECTLY UPON THE CONTRACTOR.

23. ALL WATER LINES SHALL BE RUN OVERHEAD U.O.N.

24. ALL WATER LINES SHALL BE FLUSHED PRIOR TO CONNECTING ANY FIXTURES OR EQUIPMENT.

25. PROVIDE ESCUTCHEON PLATES AND SILICONE SEALANT AT ALL UTILITY PENETRATIONS INTO WALLS, CEILINGS, AND FLOORS. DO NOT USE CAULKS OR EXPANDING FOAMS FOR SEALANT.

26. PVC SCHEDULE 40 WASTE PIPE CAN BE SUBSTITUTED FOR BLACK IRON WASTE PIPE WHERE ALLOWED BY LOCAL I

	SYMBOLS	ABBREV.	DESCRIPTION
		Y.B.	YARD BOX
		R.D.	ROOF DRAIN
		A.P.	ACCESS PANEL
		V.T.R.	VENT THRU ROOF
		V.B.F.	VENT BELOW FLOOR
		U.T.R.	UP THRU ROOF
		V.C.P.	VITRIFIED CLAY PIPE
		C.I.	CAST IRON
		A.C.P.	ASBESTOS CEMENT PIPE
		(N)	NEW
		(E)	EXISTING
		F.D.	FLOOR DRAIN
	<u> </u>	H.D.	HUB DRAIN
		OFD	OVERFLOW DRAIN
		F.S.	FLOOR SINK
		G.L.	GAS LINE
		A.F.F.	ABOVE FINISHED FLOOR
	X-X 0000		PLUMBING EQUIPMENT DESIGNATION
À	XXX	\	KITCHEN EQUIPMENT NUMBER: REFER TO KITCHEN EQUIPMENT DRAWINGS FOR DESCRIPTION.
*	SAN		SOIL OR WASTE (SANITARY)/WASTE STUB
	— —GW— —	$\langle \Diamond \rangle$	SOIL OR WASTE (GREASE WASTE)/WASTE STUB
	——G——	G	GAS / GAS STUB
		∫ cw	COLD WATER/ CW STUB
		HW	HOT WATER / HW STUB
		H.W.R.	HOT WATER RETURN
		V	SANITARY VENT
	—— SD——	S.D.	STORM DRAIN
		C.D.	CONDENSATE DRAIN
	Φ	F.C.O.	FLOOR CLEANOUT OR CLEANOUT TO GRADE
	<u> </u>	W.C.O.	WALL CLEANOUT
	—FW—	FW	FILTERED WATER
	—тw—	TW	PREMIXED TEMPERATURE WATER
	+	H.B.	HOSE BIBB
	$\overline{}$	S.O.V.	SHUT-OFF GATE VALVE
		S.O.C.	SHUT-OFF GAS COCK
		C.V.	CHECK VALVE
	≱ —	P.T.R.V.	PRESS-TEMPERATURE RELIEF VALVE
		B.V.	BALL VALVE
		C.W.	COLD WATER BELOW GRADE
		E.C.O.	EXTERIOR CLEAN OUT
		BFP	BACK FLOW PREVENTER
		FU	FIXTURE UNIT

AL MUNICIPALITIES.			
GENERAL NOTES - PLUMBING NTS	6	PLUMBING LEGEND NTS	4

١.	IF GEN POWER SOAK SINK USED THEN ADD A MIXING VALVE TO SINK ABOVE
	SUSPENDED CEILING.

FIXTURE	No	DF	RAIN	COLD	WATER	HOT WATER	
FIXTURE	NO.	D.F.U.	TOTAL D.F.U.	F.U. C.W.	TOTAL C.W.	F.U. H.W.	TOTAL H.W.
WATER CLOSET	2	4	8	2	4		
URINAL	0	5		5	1		
LAVATORY	2	1	2	1.5	3	1.5	3
HAND SINK	2	2	4	1.5	3	1.5	3
PREP SINK *	1			2	2	2	2
3 - COMPARTMENT SINK *	1			3	3	3	3
HOSE BIBB/WATER FILTRATION UNIT	2/1			2.5:1/1	3.5		
FLOOR DRAIN	8	2	16				
HUB DRAIN	2	2	4				
FLOOR SINK	4	6	24				
MOP SINK	1	3	3	2.25	2.25	2.25	2.25
RETHERMALIZER *	1					1.0	1.0
TOTAL			61		20.75		14.27

PROBABLE DEMANDS/ COLD WATER: 20.75 FU = 20 GPM USE 1-1/2" CW SERVICE AND PIPE SIZING DRAIN: GW 39 DFU USE 4" SANITARY (MIN) USE 4" SANITARY (MIN) REQUIREMENTS: DRAIN: SAN 22 DFU USE 1-1/4" HW SERVICE HOT WATER: 14.25 FU = 17 GPM BASED ON 2017 FPC (COMBINATION DRAIN & VENT). *FIXTURE HAS INDIRECT WASTE TO FLOOR SINK

(ECO) 1	CLEANOUT								TILAVI CASI INON COVER.	WADE / MODEL: 6000Z
										ZURN / MODEL: Z-1400
									PVC 12" SQUARE FLOOR SINK, 8" DEEP, WITH ALUMINUM OR PVC DOME STRAINER	JOSAM / MODEL: JPFS4-PVC
(FS 1)	FLOOR SINK	4"	2"				6		AND LOOSE SET PVC SLOTTED TOP GRATE. SET FLOOR SINK LIP FLUSH WITH FLOOR TILE.	ZURN / MODEL: FD-2370-PV4-DS-F
										,
									CACT IDON FOR COLLADE EL COD CINIC OU DEED MITH ALLIMINIUM DOME CTRAINED	1001111110000
									CAST IRON 12" SQUARE FLOOR SINK, 8" DEEP, WITH ALUMINUM DOME STRAINER AND NICKEL BRONZE HINGED TOP.	JOSAM / MODEL: 49034AS
(FS 2)	FLOOR SINK	3"	2"				6		AND NICKEL BRONZE HINGED TOP.	WADE / MODEL: 9144
										ZURN / MODEL: Z-1900-32
									PVC FLOOR DRAIN, 5" DIA. IF PVC OR ABS DRAINS ARE USED, SCHEDULE 80 PVC	ZURN / MODEL: FD-2210
(FD 1)	FLOOR DRAIN	3"	2"				2		DRAIN PIPE SHALL BE USED FOR THE FIRST 10'-0" FROM THE DRAIN.	JOSAM / MODEL: 30003-A
	LOOK BIV III		_				-			·
										WADE / MODEL:1103
									CAST IRON DEEP SEAL P-TRAP WITH FUNNEL, NO-HUB OUTLET AND BRASS GASKETED	JOSAM / MODEL: 88213
(HD 1)	HUB DRAIN	3"	2"				2		CLEANOUT PLUG.	WADE / MODEL: 2453EF
										ZURN / MODEL: Z-1019
									CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, ROUND SCORIATED	JOSAM / MODEL: 56000
(500)	FLOOR								HEAVY CAST IRON COVER.	· .
FCO 1	CLEANOUT								TIEAVI GAGI ITON GOVEN.	WADE / MODEL: 6000Z
	CLLANOUT									ZURN / MODEL: Z-1400
									CAST IRON CLEANOUT TEE WITH INLET/OUTLET SPIGOT AND THREADED BRASS	JOSAM / MODEL: 58510
(WCO 1)	WALL								PLUG, WITH STAINLESS STEEL ACCESS COVER.	WADE / MODEL: 8560E
	CLEANOUT									ZURN / MODEL: Z-1446-BP
<u> </u>								 		
									NON-FREEZE WALL HYDRANT WITH INTEGRAL VACUUM BREAKER, BRONZE CASING	JOSAM / MODEL: 71000
HB 1	HOSE BIBB			3/4"				2.5/1	AND NICKEL BRONZE BOX.	WADE / MODEL: 8600L
										ZURN / MODEL: Z-1300
								<u> </u>	MULITE VITDEOLIS CLIINIA EL COD MOLINITED EL LIGUIOMETED TANIX (PDECCUPE ACCIOTED) TANI	AM. STD. "CADET" / MODEL: 2467.100
									WHITE VITREOUS CHINA FLOOR MOUNTED FLUSHOMETER TANK (PRESSURE ASSISTED) TYPE,	· · · · · · · · · · · · · · · · · · ·
	WATER								ELONGATED BOWL, ADA COMPLIANT, 1.1 GPF, WITH OPEN FRONT SEAT LESS COVER, OLSENITE #95 OR EQUIVALENT. FLUSHOMETER TANK: SLOAN FLLUSHMATE OR EQUAL. PROVIDE TANK	KOHLER "HIGHLINE" / MODEL: K-3519
(WCL 1)	CLOSET	4"	2"	1/2"			4		COVER LOCKS. FLUSH VALVES SHALL BE RIGHT HAND OR LEFT HAND AS REQUIRED TO CORRESPOND	CRANE "ECONMISER" / MODEL: 31888
WC 1	CLOSET	4 LN	2	1/2			4	2	WITH ACCESS FROM WIDE SIDE OF STALL. VERIFY FLUSH SIDE REQUIREMENTS	
	GRE	EIN							WITH AGGEGOTHOW WIDE GIBE OF GIALE. VEHILL IT EGGIT GIBE TIE QUITEIVIO	
									WILLIE VITE OUT OUT A MALE LIVEN ON A FRANCISCO OUT OF A FRANCISCO OUT OUT OUT OF A FRANCISCO OUT OUT OUT OUT OUT OUT OUT OUT OUT OU	A C. COMPADE/MODEL: 0104 101
	_	<u>'</u>							WHITE VITREOUS CHINA, WALL HUNG, WITH CONCEALED ARMS SUPPORT, 4" CENTERS, WITH INTEGRAL	A.S. COMRADE/ MODEL: 0124.131
$\lfloor L \rfloor$	LAVATORY	1-1/4"	1-1/2"	1/2"		1/2"	1	1.5	BACKSPLASH, ADA ACCESSIBLE. FLAT GRID STRAINER. BRAIDED WATER LINES. FAUCET: FURNISHED BY OWNER-INSTALLED BY G.C. ELECTRONIC SENSOR TYPE FAUCET. SLOAN SF-2300, ADA COMPLIANT.	CRANE "HARWICH" / MODEL: 1412V
	GRE	- - NII - I	,	,		,			SEE 5/P6.0 FOR LAV SUPPORT DETAIL5 GPM AERATOR	STURE TWENTERLY MEDIE: TITLE
									SEE 3/PO.U FOR LAV SUPPORT DETAIL, .5 GPIVI AERATOR	
									S-1: STAINLESS STEEL HAND SINK, WALL HUNG, INCLUDES A 6" GOOSENECK STAINLESS. FAUCET W/FOOT	
(S 1)	HAND SINK GRE	1-1/2"	1-1/2"	1/2"		1/2"	2	1.5	VALVE. BRAIDED WATER LINES, 0.5 GPM AERATOR.	
	GRE	EN]								
									MOD ONLY AFER ON A CAN CAN ASSESSED OF THE AND DAOY OF AGUL FURNISHED BY OWNER.	
									MOP SINK: AERO - 3MP-2121-6 W/ 48" HIGH S.S. LEFT SIDE AND BACK-SPLASH. FURNISHED BY OWNER,	
(S 2)	MOP SINK	3"	2"	1/2"	1/2"		3	2.25	INSTALLED BY G.C. FAUCET: T&S #B2465, WITH VACUUM BREAKER, FURNISHED BY OWNER, INSTALLED BY G.C.	
									SINK, FAUCET & DRAIN, GEN IV POWER SOAK STANDARD, GEN III IS AN OPTION FOR	
S 3	3-COMP.	INDIRECT		1/2"	1/2"			3	FRANCHISES	
	SINK	INDINECT		1/2	1/2			3		
1									SINK, FAUCET AND DRAIN	
(S 4)	PREP SINK	INDIRECT		1/2"	1/2"			3		
								+	DDECACT 4 000 CALLON ODE ACE INTERCEPTOR WITH CAMPUNIC BOX OFF CITE STANFORD	IENIOENI / IDJacoco
	ODE 4 OF								PRECAST 1,000 GALLON GREASE INTERCEPTOR WITH SAMPLING BOX. SEE SITE PLAN FOR	JENSEN / JP1000G
(GI 1)	GREASE	4"							EXTERIOR GREASE INTERCEPTOR LOCATION.	
	INTERCEPTOR									
								1	THERMOSTATIC, 125 P516, 200VF BRONZE BODY, STAINLESS STEEL PISTON LINER,	POWERS SERIES LFLM495
(NA)/I	MIXING			1/2"	1/2"				CHECK VALVES SIZE PER PIPE CONNECTIONS.	
MV 1	VALVE			1/2"	1/2"				OFFICIAL VALVES SIZE I ENTIFE CONNECTIONS.	LAWLER SERIES 310
										LEONARD SERIES 170
									GAS FIRED WATER HEATER, 95.0% THERMAL EFF., 120,000 BTUH INPUT, 60 GAL. STORAGE TANK, 138 GPH @	AO SMITH / BTH-120
WH 1	WATER			1-1/4"	1-1/4"				100 DEG. RISE REC. RATE, 3" PVC FLUE & INTAKE, ASME RTD TEMP. & PRESS. REL. VALVE, ELECTRONIC	STATE / SUF 100 120 NE
	HEATER			' ', '	' ', '				IGNITION SYSTEM AND ELECTRONIC CONTROLS. Call 800-477-1953 Option #1 for National Account Price & Service	,
								1	·	
	EXPANSION								EXPANSION TANK, STEEL, EXPANSION MEMBRANE 150 PSI, 160° F, 12 GALLON CAPACITY.	WATTS SERIES DETA
ET 1	TANK			3/4"						AMTROL SERIES ST
	17.113									WILKINS SERIES WXTP
								<u> </u>	REDUCED PRESSURE ZONE BACKFLOW PREVENTER, CAST BRONZE CONSTRUCTION WITH	WATTS / MODEL: LF009M2QTS
	BACKFLOW			\/EDIE\					QUARTER TURN FULL-PORT BALL VALVES AND BRONZE STRAINER.	·
(BFP 1)	PREVENTOR			VERIFY				1	ACATHELLICITION OF CALL VALVES AND DISCUSE STRAINER.	WILKINS / MODEL: 975XLS
										FEBCO / MODEL: 860
									REVERSE OSMOSIS FILTER SYSTEM	
RO 1	REVERSE	INDIRECT	_	1/0"	_		_		BY OWNER	
	OSMOSIS	ווחצוון		1/4					SEE TO DETAIL 9/P6.0	
	ĺ]						<u> </u>		

DESCRIPTION

CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, ROUND SCORIATED

HEAVY CAST IRON COVER.

PLUMBING FIXTURE SCHEDULE NTS

SLOPE OF HORZ. DRAINAGE PIPE										
SIZE (inches)	MINIMUM SLOPE (inch per foot)									
2-1/2 or less	1/4									
3 to 6	1/8									
8 or larger	1/16									

GREASE TRAP PUMP OUT FREQUENCY (PER 2017 FPC)

COLD HOT TEMP'D WASTE WATER

| WATER | WATER | WATER |

VENT

WASTE

FIXTURE

(ECO 1) CLEANOUT

(E) x (D) = TOTAL GALLONS PUMPED OUT

E = EFFECTIVE CAPACITY OF GI D = DAYS BETWEEN PUMP (1.25 FOR 90 DAYS)

(780 GALLONS) x (1.25) = 975 GALLONS

3

GREASE INTERCEPTOR HAS CAPACITY OF 1,000 GALLONS

GREASE TRAP SIZING

PER THE 2017 FLORIDA PLUMBING CODE

(PER 2017 FPC)

 $V = [S \times HR/12 \times GS \times LF]$ S = NUMBER OF SEATS (INDOOR AND OUTDOOR)

HR = HOURS OF OPERATION, INCLUDING PREP TIME AND CLOSING GS = GALLONS PER SEAT (25 GALLONS FOR ORDINARY RESTURANTS AND 10 GALLONS

FOR SINGLE SERVICE ARTICLE RESTAURANT) LF = NO WARE WASHER 0.75, WITH WARE WASHER 1 (ADDITIONAL HYDRAULIC DETENTION TIME FOR SURFACTANTS AND HEAT)

 $V = [52 \times 24/12 \times 10 \times .75]$

NOTE: CONTRACTOR TO PROVIDE A 1000 GALLON GREASE INTERCEPTOR

Akron, OH 44311 330.572.2100 Fax: 330.572.2102

MANUFACTURER / MODEL NUMBER

JOSAM / MODEL: 56000

WADE / MODEL: 6000Z

07/18/18	REISSUED FOR BID
07/16/18	CITY COMMENTS
05/25/18	ISSUED FOR BID
	07/16/18

CONTRACT DATE: 01.08.18

T40M-O **BUILDING TYPE:** PLAN VERSION: DEC 2017 BRAND DESIGNER: SITE NUMBER: 309797/420630

STORE NUMBER:

Taco Bell

20711 DIXIE HWY. MIAMI, FL 33186

2017088.04



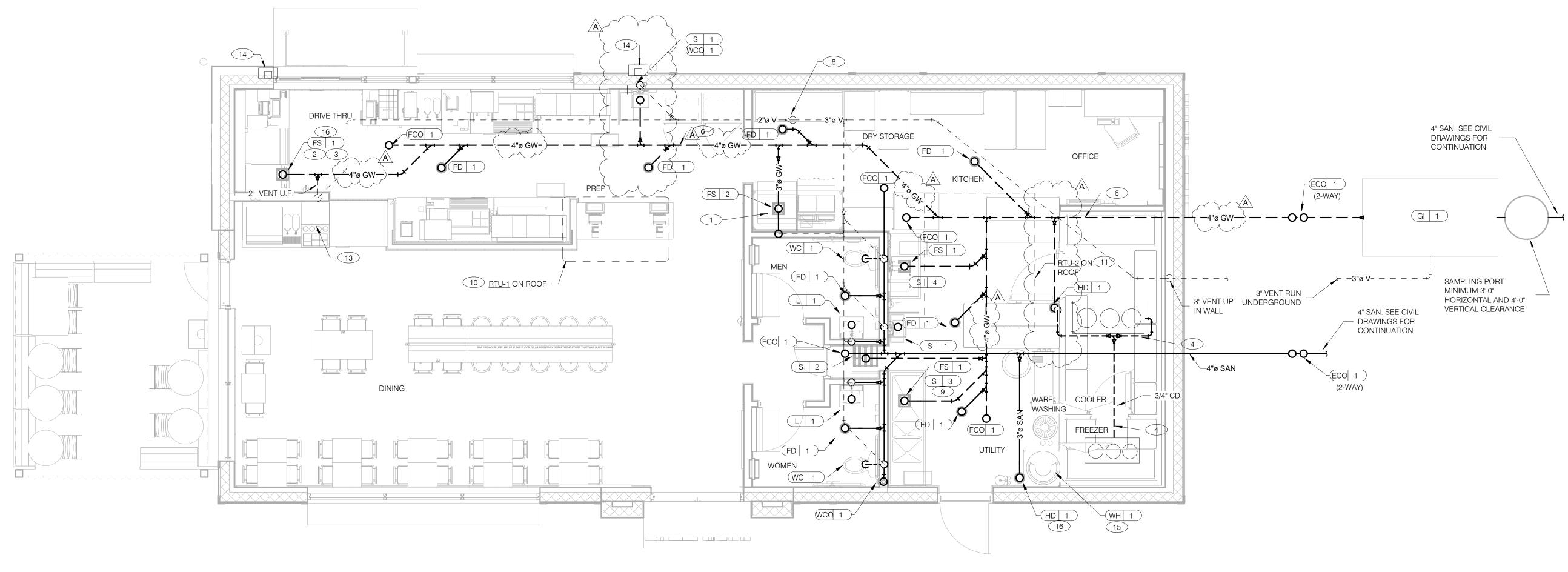
OPEN KITCHEN MODERN EXPLORER

PLUMBING SCHEDULES AND NOTES

KEYNOTES NTS PLUMBING FIXTURE COUNT NTS 5

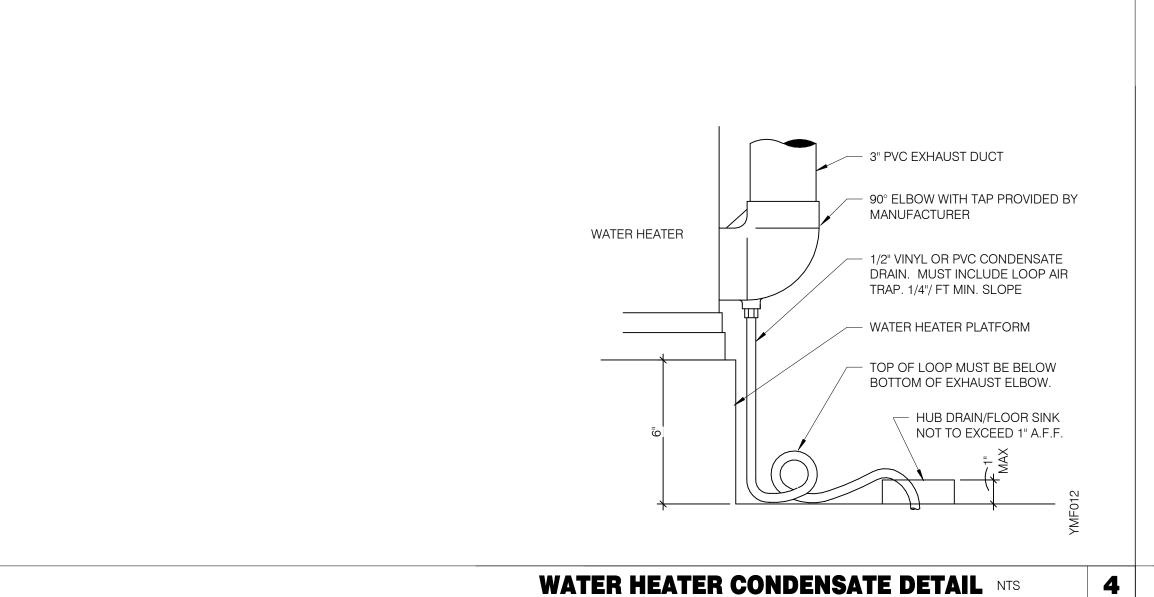
GREASE TRAP SIZING NTS







WASTE & VENT PIPING PLAN 1/4" = 1'-0" 1



- A. NO ROOF PENETRATIONS PERMITTED WITHIN ROOF WATER PLY. REFER TO ROOF PLAN FOR LOCATIONS.
- B. REFER TO RISER DIAGRAM ON SHEET P5.0 FOR ALL WASTE AND VENT SIZES.
- C. SEE ARCHITECTURAL PLANS FOR DOWNSPOUT LOCATIONS
- D. VERIFY WITH THE LOCAL BUILDING AUTHORITY THAT CONDENSATE DRAINAGE CAN BE ROUTED TO THE MOP SINK.

WASTE & VENT PLAN NOTES NTS

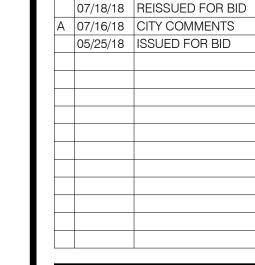
- 1 UNDERGROUND SANITARY PIPE SHALL BE NO HUB CAST IRON PIPE FOR THE FIRST 10 FEET FROM CONNECTION TO FLOOR SINK FS-2, OUTWARD.
- 2 PROVIDE CONDENSATE LINE AND DRAIN LINE FROM ICE MACHINE TO HD / FS, PROVIDE AIR GAP PER LOCAL CODE. SEE 11/A6.4
- 3 PROVIDE WASTE LINES FROM BEVERAGE UNIT TO HD / FS, PROVIDE AIR GAP PER LOCAL CODE. SEE 11/A6.4
- PROVIDE 3/4" COPPER CONDENSATE FROM DRAIN PROVIDED BY VENDOR TO HUB DRAIN (HEAT ROPE IS SUPPLIED WITH FREEZER CONDENSATE).
- 5 NOT USED.
- 6 ENTIRE RUN OF DRAIN LINES TO INLET OF EXTERIOR GREASE INTERCEPTOR AND OUTBOUND FROM INTERCEPTOR TO CONNECTION AT SANITARY MAIN SHALL BE SCHEDULE 40 PVC DWV OR AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
- 7 NOT USED.

3

- 8 4" VENT UP THROUGH ROOF.
- 9 PIPE 3-COMPARTMENT SINK TO FLOOR SINK WITH AIR GAP PER CODE.

- 10 REFER TO SHEET M2.1 FOR RTU-1 CONDENSATE DRAIN PIPING.
- 11) REFER TO SHEET M2.1 FOR RTU-2 CONDENSATE DRAIN PIPING.
- 12 NOT USED.
- 13 RUN DRAIN LINE FROM S/S DRINK MACHINE THRU WALL OP'G. TO OUTFALL AT FS BENEATH D/T DRINK MACHINE.
- 14 DOWN SPOUT, SEE CIVIL PLANS FOR CONTINUATION.
- 15 ROUTE INDIRECT WASTE FROM WH-1 TO HD-1. REFERENCE DETAIL 2/P6.0 AND DETAIL 4/P2.0.
- (16) COORDINATE INSTALLATION OF DRAIN WITH POURING OF FOUNDATION DURING

CONSTRUCTION.



CONTRACT DATE: 01.08.18 **BUILDING TYPE:** T40M-O PLAN VERSION: DEC 2017 BRAND DESIGNER: SITE NUMBER: 309797/420630

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Taco Bell 20711 DIXIE HWY. MIAMI, FL 33186

2017088.04

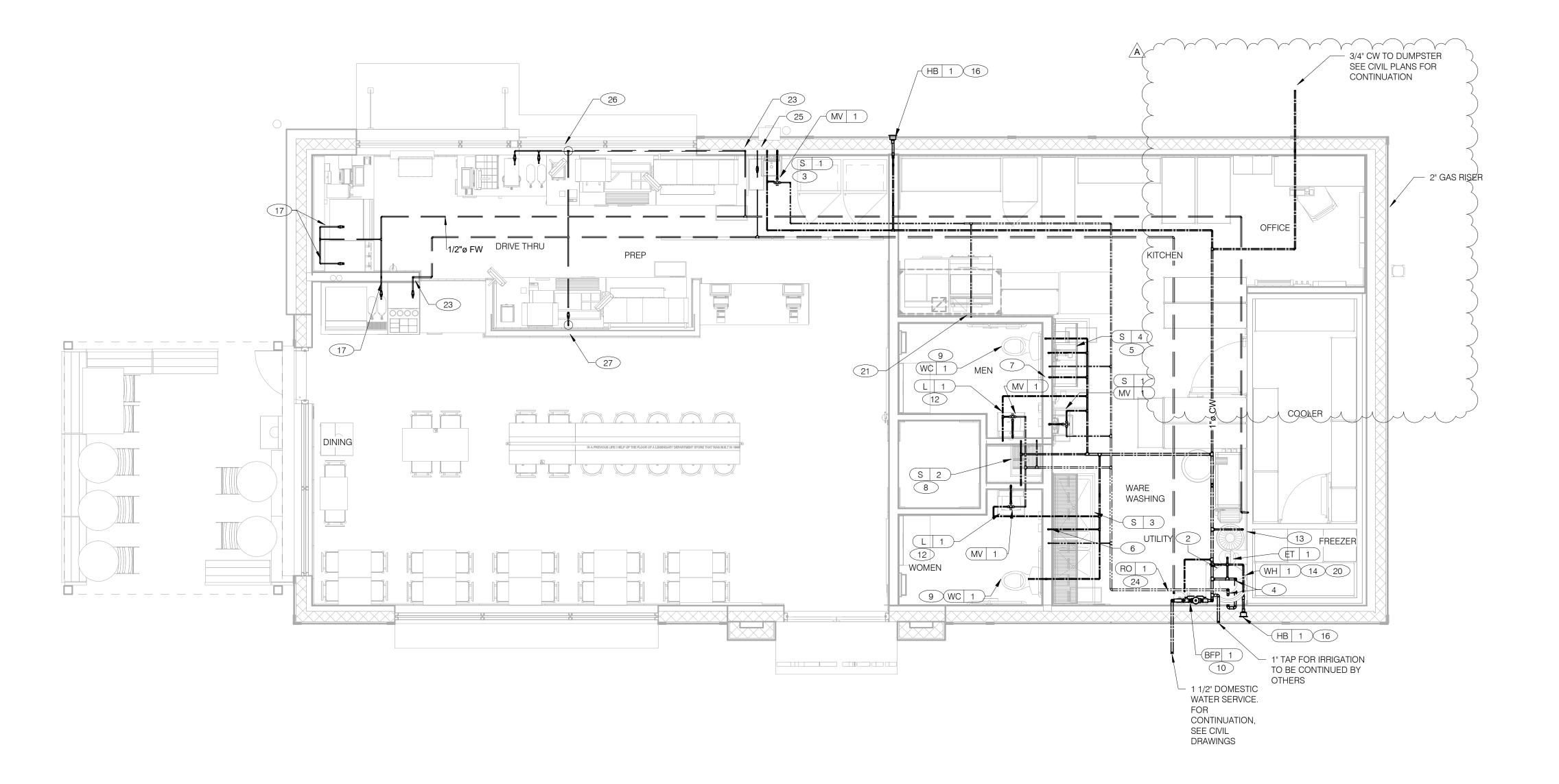


OPEN KITCHEN MODERN EXPLORER

WASTE AND VENT PLAN

KEYNOTES - WASTE AND VENT NTS







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

A. WATER DISTRIBUTION PIPING IS SHOWN ABOVE FINISH CEILING. UNDER SLAB DISTRIBUTION ALLOWED AT CONTRACTOR OPTION. COORDINATE ALL DETAILS.

- B. NO ROOF PENETRATIONS PERMITTED WITHIN THE ROOF "WATER VALLEYS", REFER TO ROOF PLAN FOR LOCATIONS.
- C. REFER TO SHT P4.0 FOR ROUGH-IN LOCATIONS.
- D. REFER TO SHEET P5.0 FOR WATER AND GAS ISOMETRIC DRAWINGS.
- E. FLUSH ALL WATER SUPPLY LINES OF ALL DEBRIS AND IMPURITIES PRIOR TO CONNECTING TO WATER FILTERS.
- F. PROVIDE REDUCED PRESSURE BACKFLOW TO SERVE CARBONATOR, DRAIN RELIEF TO FLOOR SINK WITH AIR GAP

1 NOT USED.

- 2 NOT USED.
- 1/2" TEMPERED WATER DOWN IN WALL TO HAND SINK.

- 1-1/4" HOT AND 1-1/4" COLD WATER LINES DOWN TO WATER HEATER.
- 5 1/2" HOT AND COLD WATER LINES DOWN IN WALL TO PREP SINK.
- 6 1/2" COLD AND HOT WATER LINES DOWN IN WALL TO THREE COMPARTMENT SINK.
- 7 1/2" COLD WATER 2'-0" A.F.F. CONNECT TO WATER FILTER FOR HOT WATER SYSTEM P-452. PROVIDE SHUT-OFF VALVE PRIOR TO CONNECTION TO WATER FILTER.
- 8 1/2" COLD AND HOT WATER DOWN IN THE WALL TO THE MOP SINK.
- 9 3/4" CW DOWN IN WALL TO FLUSH TANK WATER CLOSET
- 10 REDUCED PRESSURE BACKFLOW PREVENTER LOCATED PER LOCAL
 VIILITY REQ'S: PIPE RELIEF TO HUB-SINK
- NOT USED.
- 12 1/2" TEMPERED WATER LINES DOWN IN WALL TO LAVATORY
- 3/4" CW DOWN ALONG WALL TO WATER FILTER S-286.
- WATER HEATER (WH-1), PIPE CONDENSATE LINE, T&P DISCHARGE AND DRAIN PAN TO HUB DRAIN. SEE WATER HEATER DETAIL 2/P6.0.
 - 5 NOT USED.
- 16 314 CW DOWN IN WALL TO EXTÉRIOR HOSE BIBB

- 17 BUNDLED SYRUP LINES AND FILTERED WATER LINES TO BEVERAGE DISPENSERS S-284 AND S-285, AND FILTERED WATER LINES TO FROZEN BEVERAGE DISPENSER S-739. PROVIDE AND INSTALL APPROVE BACKFLOW PREVENTER. SEE DRAWINGS A2.0, P5.0, P6.0 AND 1/A6.6.
- 18 NOT USED.
- 19 NOT USED.
- 3" PVC EXHÂUST AND INTAKE FLUES PROM WATER HEATER, PIPE THROUGH ROOF AS RECOMMENDED BY MANUFACTURER TO LOCATIONS SHOWN ON SHEET M2.0. SEE DETAIL 2/P6.0.
- 21 1/2" HOT WATER DOWN IN WALL TO TB RETHERMALIZER C-107. PROVIDE SHUT-OFF VALVE OUTSIDE OF WALL FOR CONNECTION TO RETHERMALIZER.
- 22 NOT USED.
- 23 1/4" RO WATER PIPE DOWN IN WALL AND ROUTED IN LOW WALL OF DRY PRODUCTION LINE. PROVIDE AND INSTALL APPROVE BACKFLOW PREVENTER. PROVIDE SHUT-OFF VALVE ON RO PIPING IN CEILING NEAR CHASE.
- 24 1/2" COLD WATER TO REVERSE OSMOSIS FILTER P-315 AND 1/2" FILTER WATER FROM REVERSE OSMOSIS FILTER. PROVIDE SHUT-OFF VALVE ON CW PIPE PRIOR TO CONNECTION TO FILTER.
- 25 1/2" FW WATER PIPE DOWN IN WALL AND ROUTED IN LOW WALL OF DRY PRODUCTION LINE TO BREWERS S-546 AND S-547. PROVIDE AND INSTALL APPROVE BACKFLOW PREVENTER. PROVIDE SHUT-OFF VALVE ON FW PIPING IN CEILING NEAR CHASE.
- 26 ROUTE 1/2" FW DOWN IN WALL BELOW SLAB FOR CHEESEMELTER.
- 27 1/2" FW UP FROM BELOW SLAB TO CHEESEMELTER. PROVIDE SHUT OFF VALVE. PROVIDE AND INSTALL APPROVE BACKFLOW PREVENTER.

07/18/18 REISSUED FOR BID
A 07/16/18 CITY COMMENTS
05/25/18 ISSUED FOR BID

CONTRACT DATE: 01.08.18
BUILDING TYPE: T40M-O

PLAN VERSION: DEC 2017
BRAND DESIGNER:
SITE NUMBER: 309797/420630

STORE NUMBER: 2017088.04

Taco Bell
20711 DIXIE HWY.
MIAMI, FL 33186



T40M-O

OPEN KITCHEN

MODERN EXPLORER

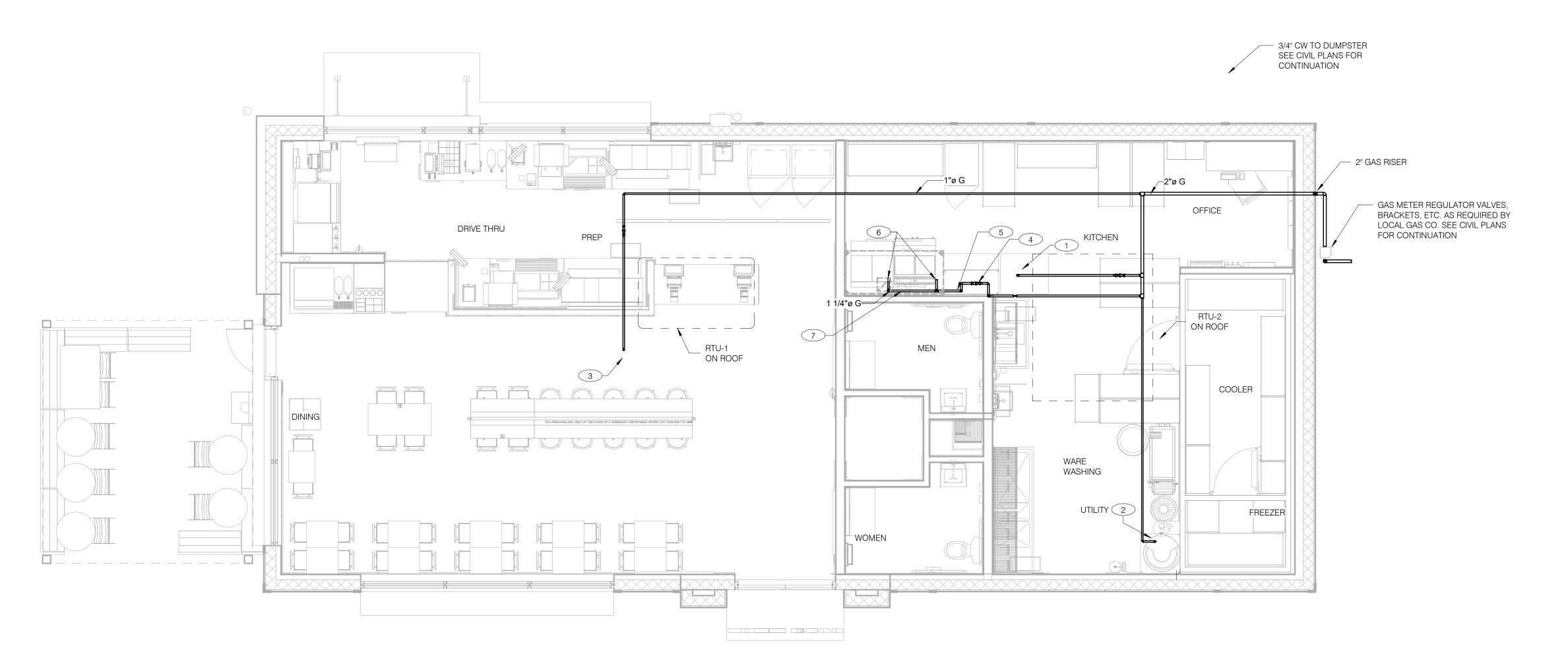
WATER PLAN

P3.0

WATER & GAS PLAN NOTES NTS

KEYNOTES - WATER NTS

2 PLOT I





520 South Main Street, Suite 2531 Akron, OH 44311 330.572.2100 Fax: 330.572.2102

GAS PLAN NTS

- 1-1/4" (169 CFH) GAS UP TO RTU-2 WITH DIRT LEG, GAS COCK, UNION.
- 2 1" (120 CFH) GAS DOWN TO WATER HEATER WITH GAS COCK, DIRT LEG AND UNION.
- 3 1" (130 CFH) GAS UP TO RTU-1 WITH DIRT LEG, GAS COCK, UNION.
- 4 EMERGENCY GAS SHUT OFF VALVE LOCATED BELOW CEILING.
- 5 1-1/4" GAS DOWN OUTSIDE OF WALL TO TACO BELL COOKING EQUIPMENT. VERTICAL GAS PIPING IN WALL SHALL NOT BE RIGIDLY SECURED AND ADEQUATE PIPE PROTECTION SHALL BE PROVIDED.
- 6 3/4" GAS DIRT LEG W/ GAS COCK TO COOKING EQUIPMENT. PROVIDE FLEXIBLE GAS HOSE KIT FOR CONNECTION TO COOKING EQUIPMENT.
- 7 RUN GAS PIPE 18" A.F.F. WITH DIRT LEGS FOR GAS HOSE KITS TO COOKING EQUIPMENT C-026 AND C-107.

		07/10/10	TILIOGOLD I OIT DID
	Α	07/16/18	CITY COMMENTS
		05/25/18	ISSUED FOR BID
_			
1			
			·

CONTRACT DATE: 01.08.18 BUILDING TYPE: T40M-O PLAN VERSION: DEC 2017 BRAND DESIGNER:

SITE NUMBER: 309797/420630 STORE NUMBER: 2017088.04

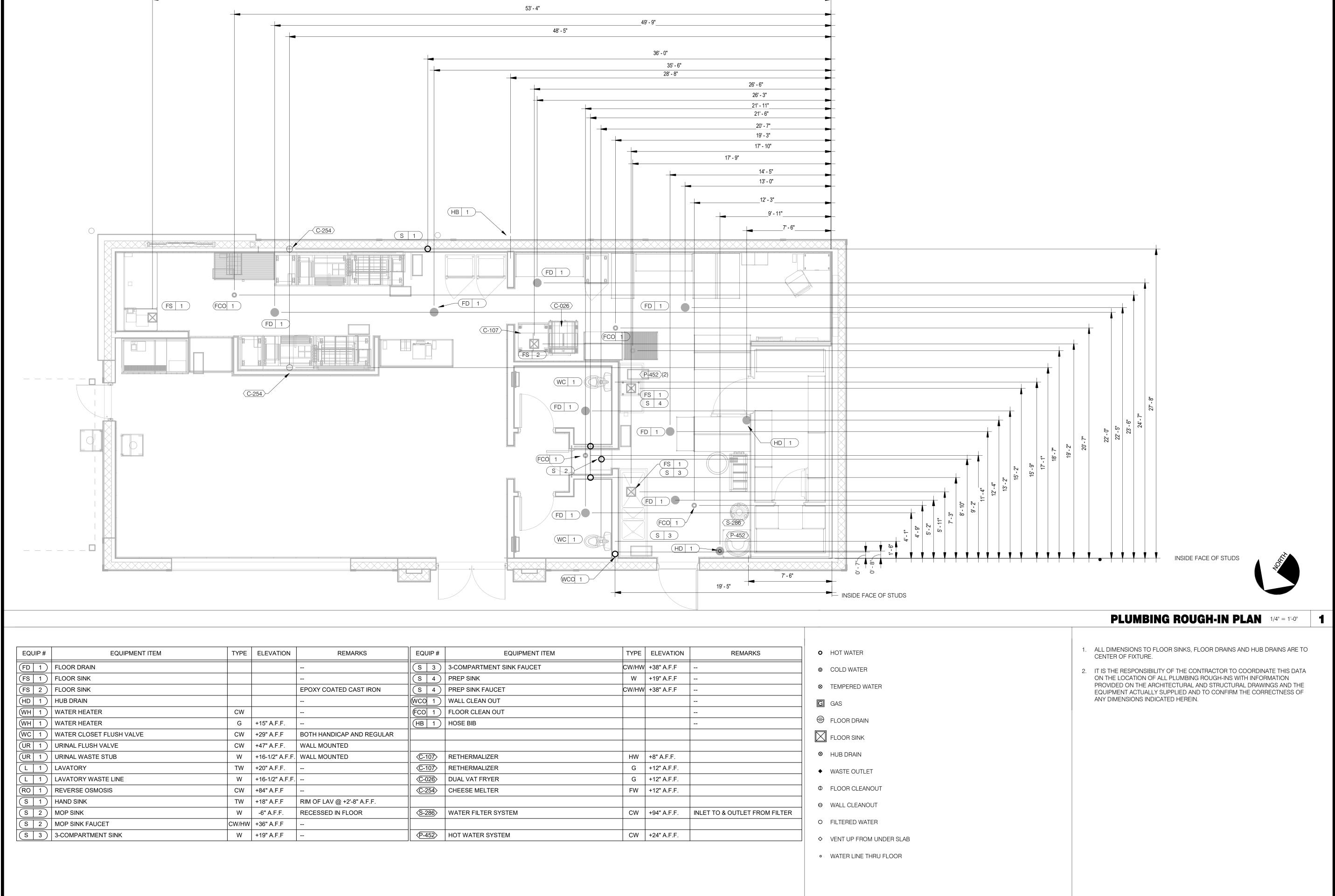
Taco Bell

20711 DIXIE HWY. MIAMI, FL 33186



OPEN KITCHEN MODERN EXPLORER

GAS PLAN



PLUMBING ROUGH-IN SCHEDULE NTS

60' - 8"

- INSIDE FACE OF STUDS

SYMBOL LEGEND NTS

GPD GROUP, INC.

520 South Main Street, Suite 2531 Akron, OH 44311 330.572.2100 Fax: 330.572.2102

07/18/18 REISSUED FOR BID
05/25/18 ISSUED FOR BID

CONTRACT DATE: 01.08.18
BUILDING TYPE: T40M-O
PLAN VERSION: DEC 2017
BRAND DESIGNER:

SITE NUMBER: 309797/420630 STORE NUMBER: 2017088.04

Taco Bell 20711 DIXIE HWY.

MIAMI, FL 33186

TACO

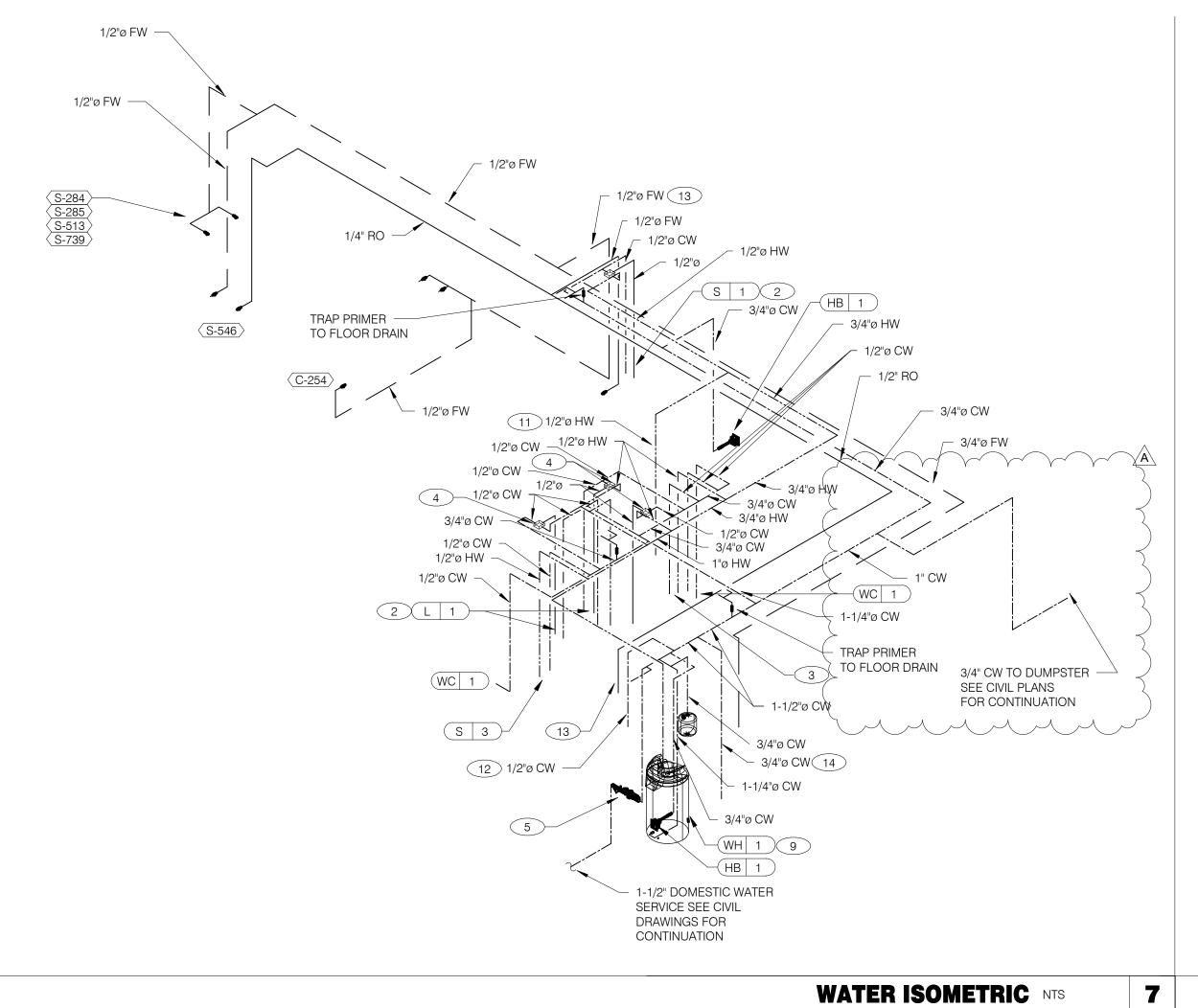
T40M-O
OPEN KITCHEN
MODERN EXPLORER

PLUMBING ROUGH-IN PLAN

P4.0

2

PLUMBING ROUGH-IN NOTES NTS



GAS DEMAND SCHEDULE

169 CFH

120 CFH

160 CFH

110 CFH

689.0 CFH = 689,000 BTUH

RTU-2

WH-1

DUAL FRYER

RETHERMALIZER

COORDINATE GAS DEMAND

WITH SITE-SPECIFIC RTU DESIGN.

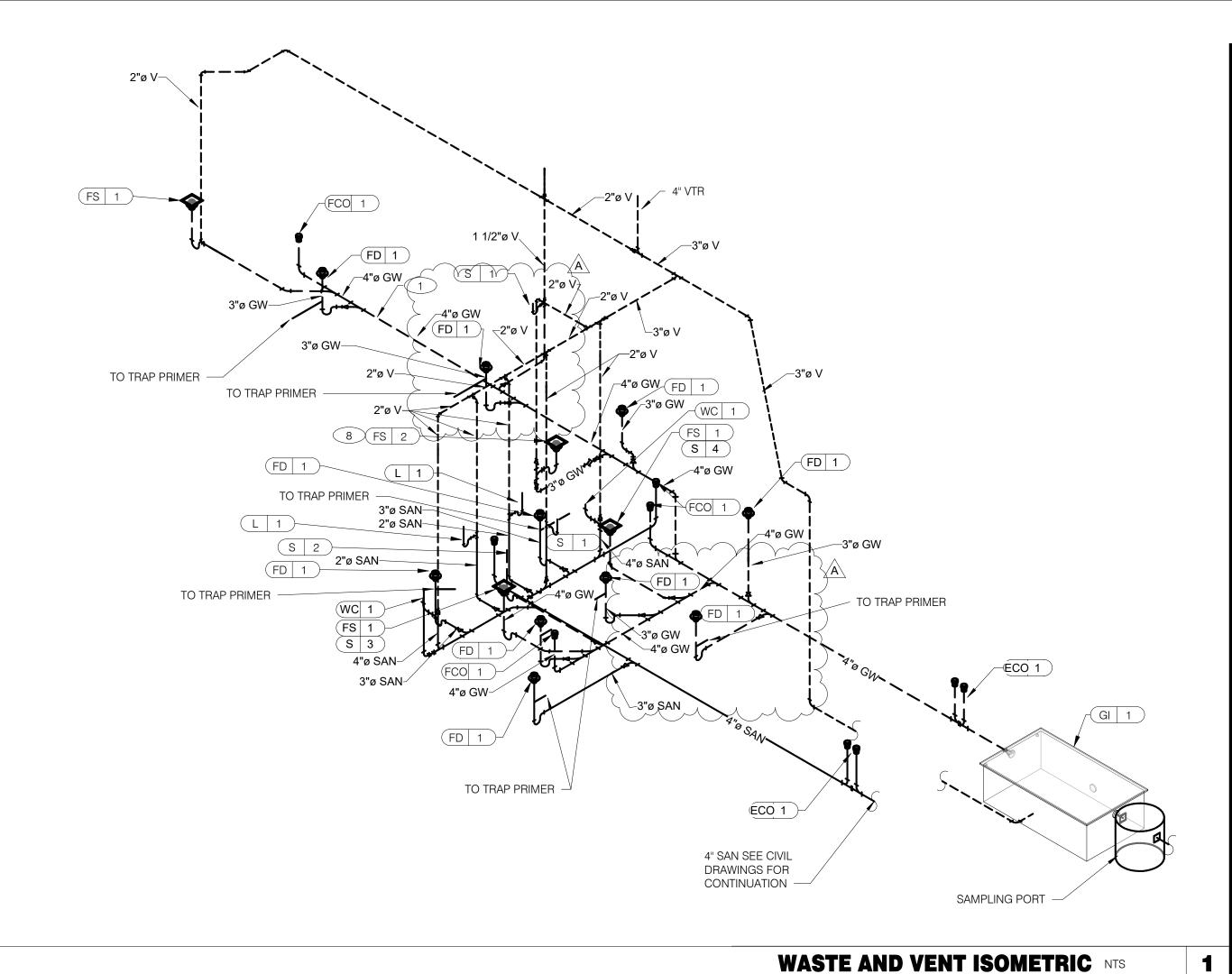
PIPE SIZE BASED ON 120' OF PIPE

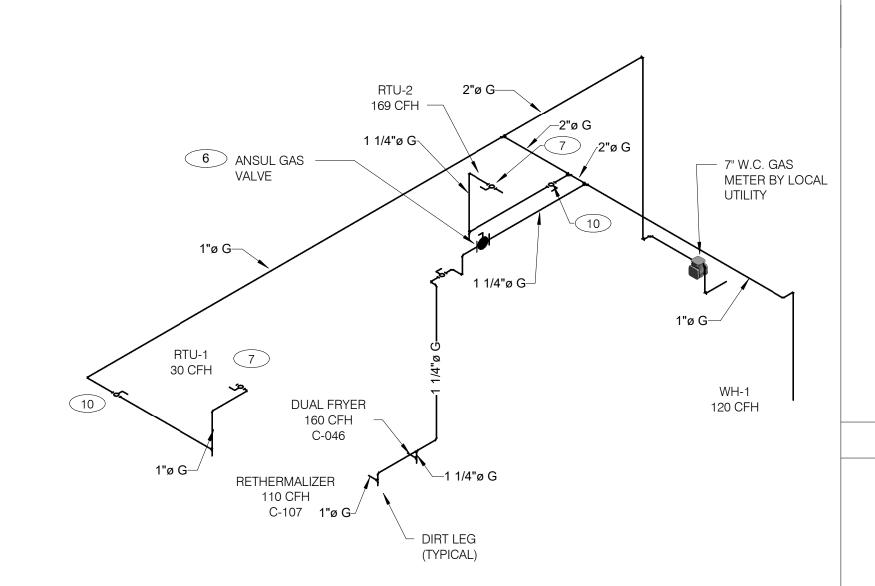
DEMAND

REQUIREMENTS

AND 7" W.C.

NOTE:





FILTERED LINE (COLD WATER)

FILTERED EQUIPMENT AND LINES:

 $\langle S-513 \rangle$ - ICE MAKER - ABOVE SELF-SERVE BEVERAGE DISPENSER *

 \langle S-513 \rangle - ICE MAKER - ABOVE DRIVE-THRU BEVERAGE DISPENSER *

S-285 - DRIVE-THRU BEVERAGE DISPENSER *

S-284 - SELF-SERVE BEVERAGE DISPENSER * S-546 - ICED TEA BREWER

3/4" COLD WATER S-739 - FROZEN BEVERAGE DISPENSER

SCOPE OF WORK FOR RESPONSIBILITIES.

FILTERED WATER SUPPLIED VIA SYRUP BUNDLE. REFER TO 11/P6.0.

FILTERED WATER ISOMETRIC NTS

- 1 ENTIRE RUN OF DRAIN LINES ON INLET TO GREASE TRAP SHALL BE SCHEDULE 40 PVC OR NO HUB CAST IRON AS REQUIRED BY CODE.
- 2 1/2" TEMPERED WATER DOWN IN WALL TO HAND SINK / LAVATORY.
- 3 1/2" HOT AND COLD WATER LINES DOWN IN WALL TO PREP SINK AND 1/2" COLD WATER TO WATER FILTER FOR HOT WATER SYSTEM P-450.
- 4 THERMOSTATIC MIXING VALVE.
- 5 REDUCED PRESSURE BACKFLOW PREVENTER PER LOCAL UTILITY REQ'S. PROVIDE SHUT-OFF VALVES AT BOTH SIDES OF BACKFLOW PREVENTER. VERIFY LOCATIONS WITH CIVIL DWGS.
- 6 EMERGENCY GAS SHUT-OFF VALVE (NORMALLY CLOSED) SHALL BE ELECTRIC SOLENOID TYPE WITH SPRING RETURN AND 24 VOLT ACTUATOR, SUITABLE FOR USE ON GAS PIPING SYSTEMS. VALVE SHALL BE ACTIVATED BY ANY OF THE EXHAUST HOOD FIRE SUPPRESSION SYSTEM. PROVIDE RELAYS AS REQUIRED TO ACTIVATE SHUT-OFF VALVE.
- 7 FACTORY GAS PIPING AT ROOF TOP UNIT FOR THROUGH THE BASE PIPE CONNECTION. SHUT-OFF VALVE SHALL BE LOCATED OUTSIDE OF THE UNIT.
- 8 PROVIDE NO HUB CAST IRON PIPE FOR FIRST 10 FEET OF PIPE FROM CONNECTION TO FLOOR SINK FS-2
- 9 PIPE T&P RELIEF VALVE TO OUTSIDE OF BUILDING OR TO HUB DRAIN, RUN FULL SIZE PIPE FROM VALVE WITH TYPE "K" COPPER TUBING.

- 10 GAS SHUT-OFF VALVE IN CEILING SPACE BY G.C.
- 1/2" HOT WATER PIPE DOWN IN WALL. PROVIDE SHUT-OFF VALVE OUTSIDE OF WALL FOR CONNECTION TO TB RETHERMALIZER.
- 1/2" COLD WATER CONNECT TO REVERSE OSMOSIS FILTER AND 1/2" FILTERED WATER FROM REVERSE OSMOSIS FILTER. PROVIDE SHUT-OFF ON CW PIPE PRIOR TO CONNECTION TO FILTER.
- 13 1/2" FILTERED WATER FROM REVERSE OSMOSIS FILTER DOWN IN UTILITY CHASE OF M.A.P.S. LINE. PROVIDE SHUT-OFF VALVE ON FW PIPE IN CEILING NEAR UTILITY CHASE.
- 14 1/2" COLD WATER TO WATER SYSTEM FILTER.
- TEE OFF 3/8" LINE FROM DRIVE THRU BEVERAGE DISPENSER FILTERED WATER SUPPLY. SEE DETAIL 8/P6.0.

07/18/18 | REISSUED FOR BID 07/16/18 CITY COMMENTS 05/25/18 ISSUED FOR BID

520 South Main Street, Suite 2531 Akron, OH 44311 330.572.2100 Fax: 330.572.2102

CONTRACT DATE: 01.08.18 **BUILDING TYPE:** T40M-O PLAN VERSION: DEC 2017 BRAND DESIGNER:

SITE NUMBER: 309797/420630 STORE NUMBER: 2017088.04

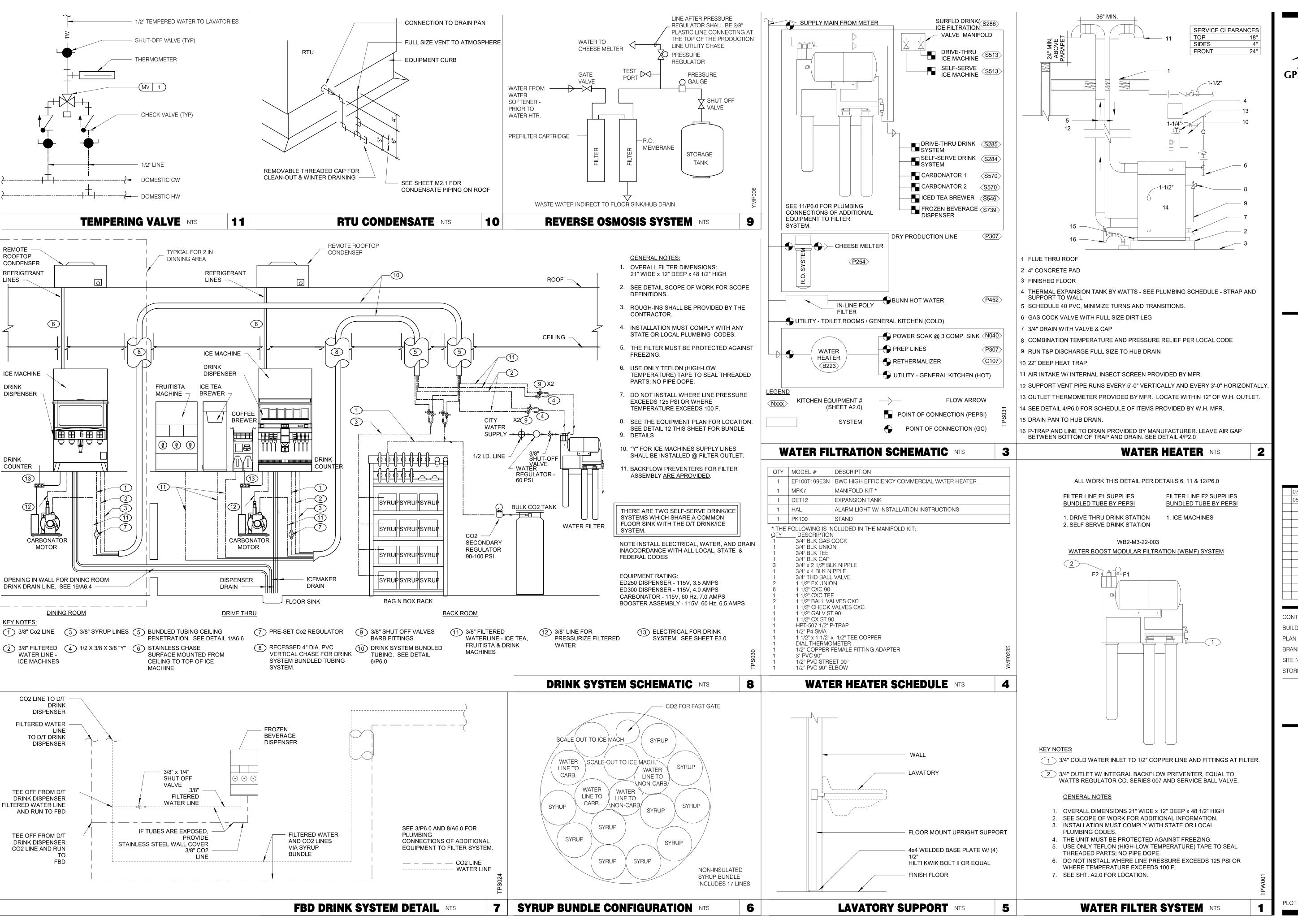
> Taco Bell 20711 DIXIE HWY. MIAMI, FL 33186



T40M-O OPEN KITCHEN MODERN EXPLORER

RISER DIAGRAMS

GAS ISOMETRIC NTS **KEYNOTES - ISOMETRICS NTS**





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DEC 2017

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Taco Bell

MIAMI, FL 33186

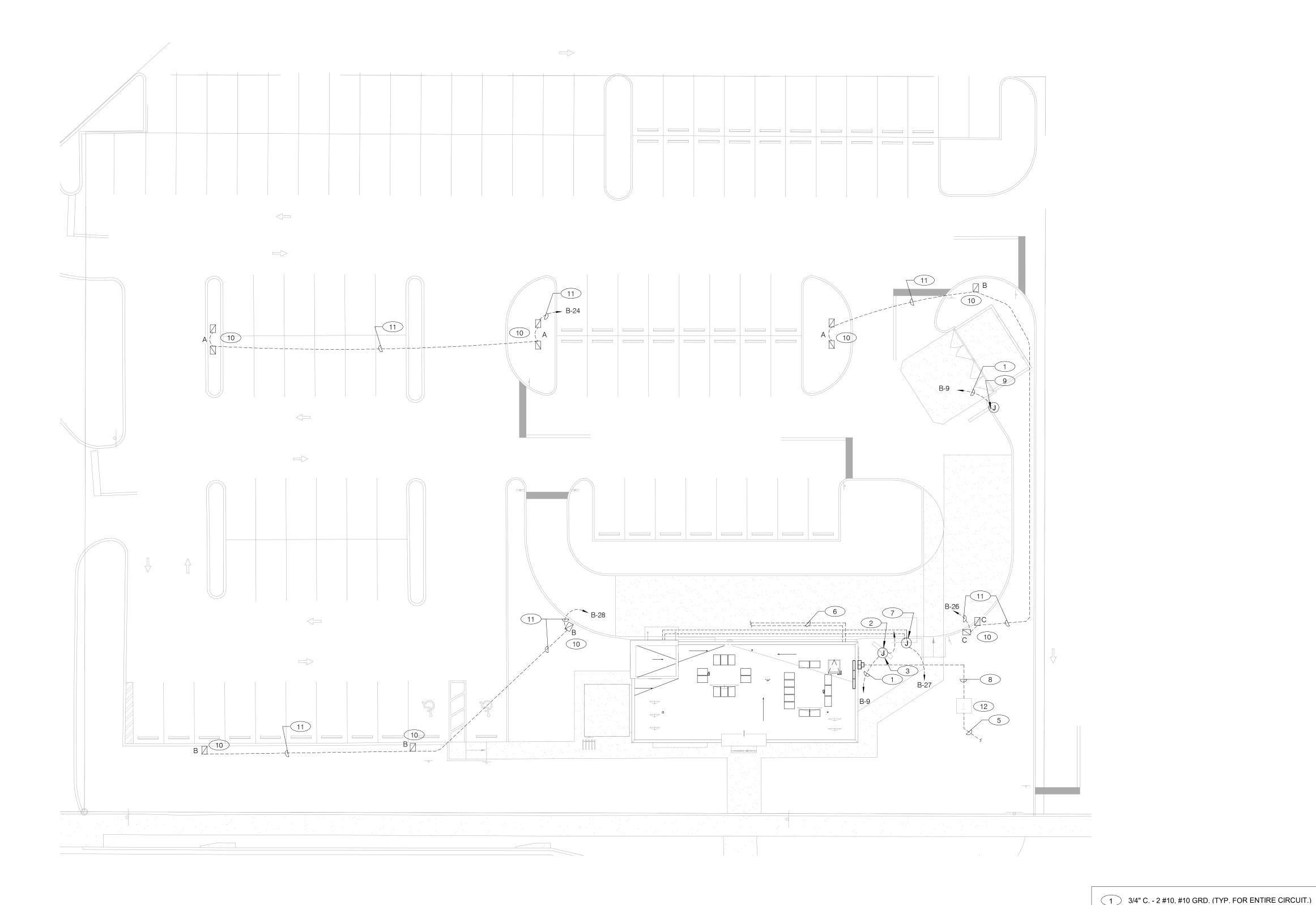
20711 DIXIE HWY.



OPEN KITCHEN MODERN EXPLORER

PLUMBING DETAILS





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CONTRACT DATE: 01.08.18 BUILDING TYPE: T40M-O PLAN VERSION: DEC 2017 BRAND DESIGNER:

SITE NUMBER: 309797/420630 STORE NUMBER:

> Taco Bell 20711 DIXIE HWY.

MIAMI, FL 33186



T40M-O OPEN KITCHEN MODERN EXPLORER

SITE ELECTRICAL **PLAN**

3 MENU BOARD. REFER TO DETAIL 3/E7.0.

PROVIDE CONNECTION TO ORDER CANOPY ON SAME CIRCUIT AS MENU BOARD AND CLEARANCE BAR. REFER TO DETAIL 3/E7.0.

4 MDP, CT CABINET, AND METER VERIFY AND COORDINATE

ALL REQUIREMENTS WITH UTILITY CO. UNDERGROUND ELECTRIC SERVICE TO UTILITY CO. TRANSFORMER.
REFER TO CIVIL SHEETS FOR LOCATION AND ROUTING. VERIFY AND
COORDINATE ALL REQUIREMENTS WITH UTILITY CO.

TRANSFORMER BY LITTLE

6 UNDERGROUND TELEPHONE SERVICE AND CABLE. PROVIDE SEPERATE 2" CONDUITS. REFER TO CIVIL SHEETS FOR LOCATION AND ROUTING. VERIFY AND COORDINATE ALL REQUIREMENTS WITH UTILITY CO.

7 ORDER CONFIRMATION BOARD/ SPEAKER POST.

9 ILLUMINATED CLEARANCE BAR.

8 UNDERGROUND SECONDARY ELECTRICAL SERVICE. REFER TO SINGLE LINE DIAGRAM FOR CONDUIT AND CONDUCTOR SIZES.

10 SITE LIGHTING, REFER TO E4.0 FOR SCHEDULE.

12 TRANSFORMER BY UTILITY CO. G.C. SHALL VERIFY AND COORDINATE ALL REQUIREMENTS WITH UTILITY CO.

NATIONAL ACCOUNTS: SWITCHGEAR

SUPPLY and INSTALL STANDARD PACKAGE

CORPORATE AND FRANCHISE DEVELOPMENT

YUM NATIONAL ACCOUNT AGREEMENT IS WITH SQUARE-D FOR ELECTRICAL SWITCHGEAR EQUIPMENT FOR COMPANY AND FRANCHISE DEVELOPMENT. CUTLER-HAMMER ELECTRICAL SWITCHGEAR EQUIPMENT IS AN APPROVED ALTERNATE MANUFACTURER FOR FRANCHISE DEVELOPMENT ONLY.

UNDER THIS AGREEMENT, THE CONTRACTOR IS RESPONSIBLE FOR PURCHASE AND INSTALLATION OF THE SYSTEMS DESCRIBED IN THE PLANS. ALL COMPANY AND FRANCHISE PROJECTS SHALL CONTACT ACCUSERVE FOR A PRICE QUOTE AND A BILL OF MATERIAL CONFIRMATION FOR THEIR SPECIFIC PROJECT. SEE THE SWITCHGEAR SECTION IN THE SCOPE OF WORK FOR ADDITIONAL INFORMATION.

PRIMARY CONTACT: BUDDY BOCKWEG

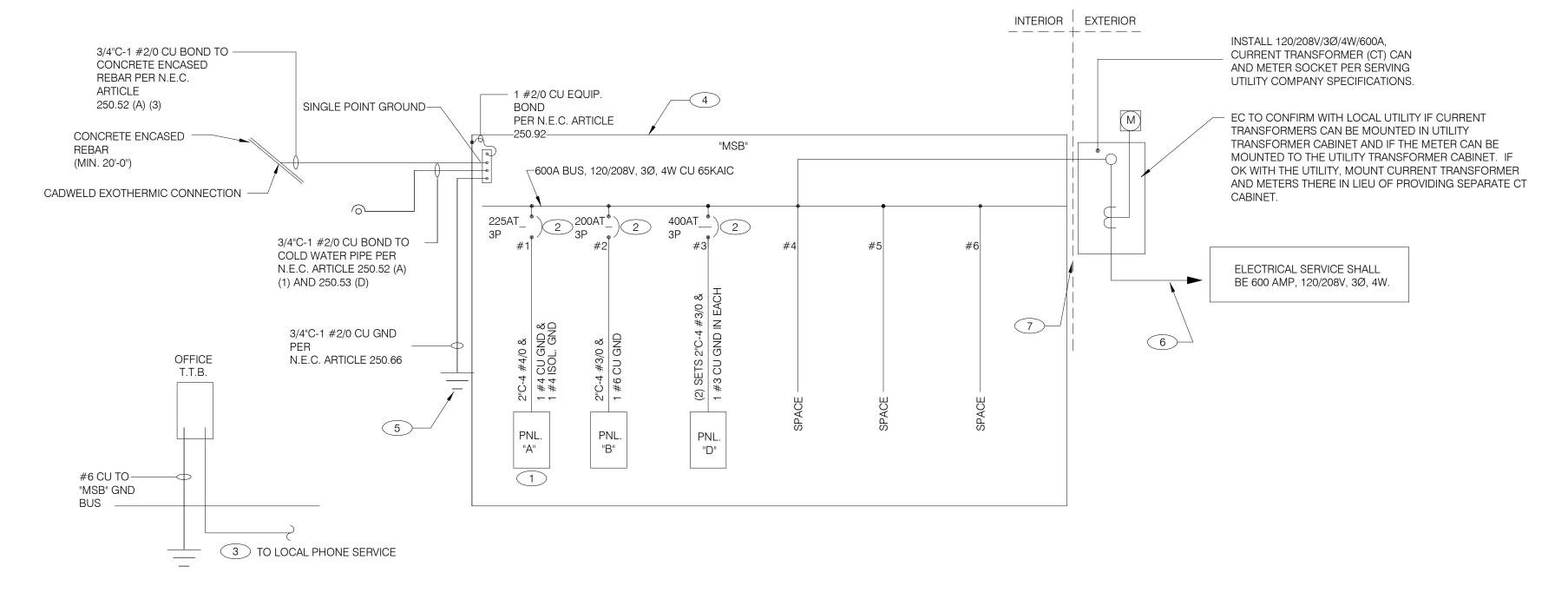
PHONE: (877) 707-7378 FAX: (502) 961-0357

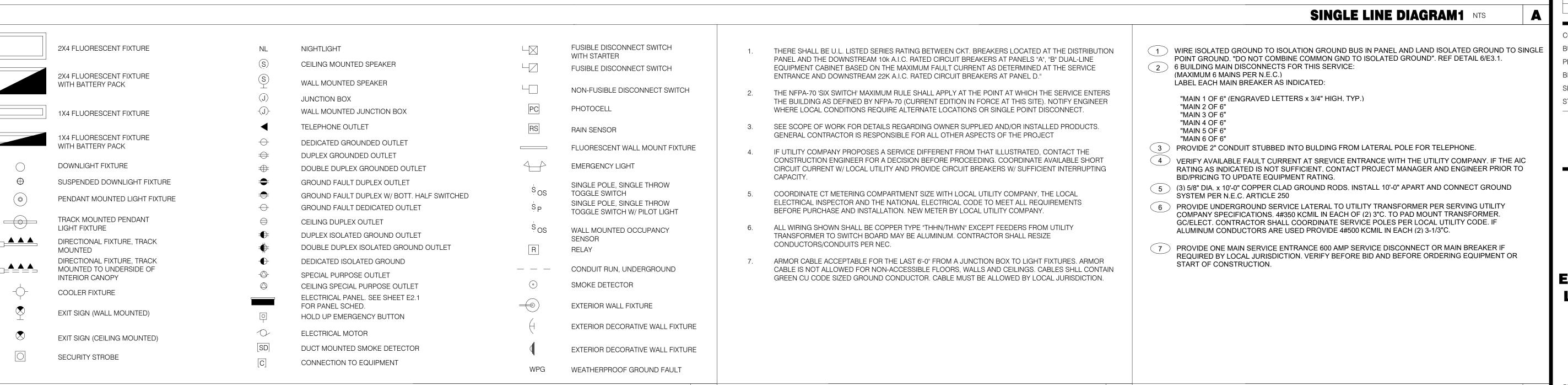
EMAIL: HYPERLINK "mailto:buddy@accuserv.com" <u>buddy@accuserv.com</u>

THE SWITCHGEAR PACKAGE CONSISTS OF SERVICE ENTRANCE, SWITCHGEAR, MAIN PANELS, SUB PANELS, LIGHTING CONTACTORS AND ALL ASSOCIATED PRODUCTS TO COMPLIMENT THE SWITCHGEAR PACKAGE.

BE PREPARED AT TIME OF ORDER OR QUOTE REQUEST TO PROVIDE ALL PROJECT DETAILS REGARDING SPECIFICATIONS AND QUANTITIES AS SITE SPECIFIC DESIGN MAY NOT MATCH PROTOTYPICAL DESIGN.

NOTE: THE SITE-ADAPT CONSULTANT IS RESPONSIBLE FOR DETERMINING IF THE SITE-SPECIFIC SWITCHGEAR PACKAGE FALLS WITHIN A JURISDICTION THAT REQUIRES EUSERC-COMPLIANT METERING EQUIPMENT.





D

ONE LINE DIAGRAM GENERAL NOTES1 NTS

C

ONE LINE DIAGRAM KEY NOTES1 NTS

ELECTRICAL LEGEND1 NTS



520 South Main Street, Suite 2531 Akron, OH 44311 330.572.2100 Fax: 330.572.2102

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PLAN VERSION: DEC 2017
BRAND DESIGNER:

SITE NUMBER: 309797/420630 STORE NUMBER: 2017088.04

T D U

Taco Bell
20711 DIXIE HWY.
MIAMI, FL 33186



T40M-O
OPEN KITCHEN
MODERN EXPLORER

ELECTRICAL ONE LINE DIAGRAMS AND LEGEND

E2.0

PLOT DATE: 7/18/2018 1:15:34 P

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KT 1 DIN 3 EXT 5 KITT 7 SPA 9 LTG 11 EXT 13 LTG 15 EXT 17 LTG 19 SPA 21 CAI 23 SPA 27 LTG 29 EF- 31 SPA 33 SPA 35 SPA 37 SPA 39 SPA	Circuit Description JING LTS TERIOR SCONCE/PATIO LTS CHEN/ BOH/ RESTROOM LTS ARE G-SITE-MENU CLEARANCE & CANOFI TERIOR CANOPY LTS - ENTRANCE G-SHOW WINDOW TERIOR CANOPY LTS G-COOLER & FREEZER ARE NOPY LTS - ENTRANCE ARE ARE ARE ARE ARE ARE ARE A	Wi Siz 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1:	re ze 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Trip 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A	1 1 1 1	658 VA 0 VA 600 VA 0 VA 0 VA	0 VA 154 VA 500 VA 0 VA 1375 VA	240 VA 700 VA 1500 VA 1500 VA	B 0 VA 500 VA 1000 VA 825 VA	700 VA 2000 VA 800 VA 0 VA 1120 VA	2000 VA 900 VA 2000 VA 1100 VA 660 VA	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Trip 20 A	Wire Size 12 12 12 12 12 12 12 12 12 12 12 12 12	CSPARE SPARE EXTERIOR SEMERGENCE TBCCB LTG - SHOW INTERIOR CO DIGITAL ME CANOPY LT SPARE	SIGNAGE BY LTS INT/EXT, EXIT SIGNS WINDOW BOVE LIGHTS NU SECURITY LTS S - DRIVE THRU ING	2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40	
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TO DIN 3 EXT 5 KIT 6 F F F F F F F F F F F F F F F F F F	Circuit Description JING LTS TERIOR SCONCE/PATIO LTS CHEN/ BOH/ RESTROOM LTS ARE G-SITE-MENU CLEARANCE & CANOFI TERIOR CANOPY LTS - ENTRANCE G-SHOW WINDOW TERIOR CANOPY LTS G-COOLER & FREEZER ARE NOPY LTS - ENTRANCE ARE ARE ARE ARE ARE ARE ARE A	Wi Siz 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1:	re ze 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Trip 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 VA 0 VA 0 VA 0 VA 0 VA 0 VA 27 Load	0 VA 154 VA 500 VA 0 VA 1375 VA 0 VA 7 VA 7 A Demand F	240 VA 700 VA 1500 VA 1500 VA 0 VA 639 57	4 0 VA 500 VA 0 VA 0 VA 0 VA 0 VA 5 VA 7 A Estima	700 VA 2000 VA 800 VA 0 VA 1120 VA 0 VA 11280 98	2000 VA 900 VA 2000 VA 1100 VA 660 VA 0 VA	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Trip 20 A	Wire Size 12 12 12 12 12 12 12 12 12 12 12 12 12	CSPARE SPARE EXTERIOR SEMERGENCE TBCCB LTG - SHOW INTERIOR CO DIGITAL ME CANOPY LT SPARE	SIGNAGE EY LTS INT/EXT, EXIT SIGNS / WINDOW COVE LIGHTS NU SECURITY LTS S - DRIVE THRU NG NG NG	2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40	
(T) DIN	Circuit Description JING LTS TERIOR SCONCE/PATIO LTS CHEN/ BOH/ RESTROOM LTS ARE G-SITE-MENU CLEARANCE & CANOP TERIOR CANOPY LTS - ENTRANCE G-SHOW WINDOW TERIOR CANOPY LTS G-COOLER & FREEZER ARE NOPY LTS - ENTRANCE ARE ARE ARE ARE ARE ARE ARE A	Wi Siz 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1:	re ze 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Trip 20 A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 VA 0 VA 0 VA 0 VA 0 VA 27 Load	0 VA 154 VA 500 VA 0 VA 1375 VA 0 VA 7 VA 7 A Demand I	240 VA 700 VA 1500 VA 1500 VA 0 VA 639 57 Factor	4 0 VA 500 VA 0 VA 0 VA 0 VA 5 VA 7 A Estima	700 VA 2000 VA 800 VA 0 VA 1120 VA 0 VA 11280 98 sated Demand 1780 VA	2000 VA 900 VA 2000 VA 1100 VA 660 VA 0 VA	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mair MC Trip 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A	Wire Size 12 12 12 12 12 12 12 12 12 12 12 12 12	C SPARE SPAR	EIGNAGE EY LTS INT/EXT, EXIT SIGNS / WINDOW EOVE LIGHTS NU SECURITY LTS S - DRIVE THRU ING NG NG NG	2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40	
OT DIN B EXT SPAN SPAN SPAN SPAN SPAN SPAN SPAN SPAN	Circuit Description JING LTS TERIOR SCONCE/PATIO LTS CHEN/ BOH/ RESTROOM LTS ARE G-SITE-MENU CLEARANCE & CANOP TERIOR CANOPY LTS - ENTRANCE G-SHOW WINDOW TERIOR CANOPY LTS G-COOLER & FREEZER ARE NOPY LTS - ENTRANCE ARE ARE ARE ARE ARE ARE ARE A	Wi Siz 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1:	re ze 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Trip 20 A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 VA 0 VA 0 VA 0 VA 0 VA 2 VA 1 VA	0 VA 154 VA 500 VA 0 VA 1375 VA 0 VA 7 VA 7 A Demand I 100.00 125.00	240 VA 700 VA 1500 VA 1500 VA 0 VA 639 57 Factor 0%	4 0 VA 500 VA 0 VA 0 VA 0 VA Estima 1 2	700 VA 2000 VA 800 VA 0 VA 1120 VA 11280 98 ated Demand 1780 VA 0423 VA	2000 VA 900 VA 2000 VA 1100 VA 660 VA 0 VA	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mair MC Trip 20 A 20	Wire Size 12 12 12 12 12 12 12 12 12 12 12 12 12	SPARE SPARE SPARE SPARE SPARE SPARE STELIGHTI SITE LIGHTI SITE LIGHTI SITE LIGHTI SITE LIGHTI SPARE	SIGNAGE SY LTS INT/EXT, EXIT SIGNS WINDOW SOVE LIGHTS NU SECURITY LTS S - DRIVE THRU ING NG NG ING 20962 VA	2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40	
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1 DIN 3 EXT 5 KITT 7 SPA 9 LTG 11 EXT 13 LTG 15 EXT 17 LTG 19 SPA 21 CAI 23 SPA 25 SPA 27 LTG 29 EF- 31 SPA 33 SPA 35 SPA 37 SPA 39 SPA 41 SPA	Circuit Description IING LTS TERIOR SCONCE/PATIO LTS CHEN/ BOH/ RESTROOM LTS ARE G-SITE-MENU CLEARANCE & CANOFI TERIOR CANOPY LTS - ENTRANCE G-SHOW WINDOW TERIOR CANOPY LTS G-COOLER & FREEZER ARE NOPY LTS - ENTRANCE ARE ARE ARE ARE ARE ARE ARE A	Wi Siz 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1:	re ze 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Trip 20 A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 VA 0 VA 0 VA 0 VA 0 VA 1 VA	0 VA 154 VA 500 VA 0 VA 1375 VA 0 VA 7 VA 7 A Demand I 100.00 125.00 100.00	240 VA 700 VA 1500 VA 1500 VA 0 VA 0 VA 639 57 Factor 0% 0% 0% 0%	8 0 VA 500 VA 1000 V/ 0 VA 0 VA 0 VA 5 VA 7 A Estima 1	700 VA 2000 VA 800 VA 0 VA 1120 VA 11280 98 ated Demand 1780 VA 0423 VA 14 VA	2000 VA 900 VA 2000 VA 1100 VA 0 VA 0 VA A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mair MC Trip 20 A 20	Wire Size 12 12 12 12 12 12 12 12 12 12 12 12 12	CSPARE SPARE EXTERIOR SEMERGENCE TBCCB LTG - SHOW INTERIOR CE BIGITAL ME CANOPY LT SPARE	SIGNAGE EY LTS INT/EXT, EXIT SIGNS WINDOW COVE LIGHTS NU SECURITY LTS S - DRIVE THRU NG NG NG NG 20962 VA 25047 VA	2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40	

500 VA

Spare

Notes:

100.00%

500 VA

System Voltage: 120/208 Wye

	Branch Panel: A	4					Volte	: 120/208 W	Vo			A 1 (• Patis	ng: SERIES		
Note	Supply From: M Mounting: R Enclosure: Ty	ecesse	d				Phases Wires	: 3	ye			Ma Main	ins Ty _l	oe: M.L.O. ng: 225 A		
Note	·s.															
СКТ	<u> </u>	Wire Size	Trip	Poles		Ą		В		C	Poles	Trip	Wire Size	+)	ircuit Description	СКТ
1	P-417 TIMER	12	20 A	1	180 VA	300 VA					1	20 A	12	 	E COMPUTER	2
3	S-546 ICED TEA	12	20 A	1			240 VA	720 VA			1	20 A	12	\leftarrow	J POS/ORDER ENTRY 1	4
5	OFFICE QUAD RECEPTACLE	12	20 A	1					680 VA	480 VA	1	20 A	12	\$-547 BREW		6
7	J-BOX SECURITY SYSTEM / DVR	12	20 A	1	1180 VA	1200 VA					1	20 _A	12	DINING POS		8
9	OFFICE RECPT AND J-BOX	12	20 A	1			680 VA	180 VA			1	20 A		RECEPTACL		10
) 11	U-052 SECURITY SYSTEM	12	20 A	1					860 VA	864 VA	1	20 A	12	 	MING SYSTEM	12
13	DRIVE THRU POS/ORDER ENTRY 2	12	20 A	1	1220 VA	1140 VA					1	20 A	12	R/009 FULL	HEIGHT FREEZER	14
15 17	BEVERAGE DISPENSER D/T P-452 HOT WATER SYSTEM	12	15 A	2			360 VA	2013 VA	2013 VA	2013 VA	2	30 A	10	R-452 HOT V	VATER SYSTEM	16 18
19	F-452 HOT WATER STSTEM	10	30 A	۷	2013 VA	1440 VA					1	20 A	12	INTERIOR D	IGITAL MENUBOARD	20
21	C-107 RETHERMALIZER	12	20 A	1			180 VA	500 VA			1	20 A	12	E-107 FIRE S	SUPPRESSION	22
23	E-272 HOOD FIRE SUP.	12	20 A	1					500 VA	180 VA	1	20 A	12	C-026 FRYE	₹	24
25	C-400 COOK TIMER	12	20 A	1	180 VA	0 VA						<i>-</i>		SHUNT TRIF	BREAKER FOR DUAL FRYER	26
27	EVO CABINET 1 (VLINE 1)	12	15 A	2			1248 VA	500 VA			1	20 A	12	OCB SWITCH	4	28
29 31	S-027 HEATED CABINET	12	20 A	1	180 VA	1248 VA			1248 VA	1248 VA	2	15 A	12	EVO CABINE	ET 2 (VLINE 1)	30 32
33	S-027 HEATED CABINET	12	20 A	1			180 VA	0 VA			1	20 A	12	Spare		34
35	REFRIGERATOR (VLINE 1)	12	15 A	1					960 VA	0 VA	1	20 A	12	Spare		36
37 39	HOT WELL W/ GRILL	10	30 A	2	2309 VA	1664 VA	2309 VA	1664 VA			2	20 A	12		E 1) CHEES MELTER	38 40
41			2						1664 VA	2196 VA	1	30 A	10	C-203 (VLINE	= 1) CLAM	42
43	C-250 (VLINE 2) CHEESE MELTER	12	20 A	2	1664 VA	2196 VA			1001171	2100 171	1	30 A	10	H	03 (VLINE 2) CLAM	44
45	DIGITAL SCALE (VLINE 1)	12	15 A	1	1001 771	2100 171	240 VA	240 VA			1	15 Ā	12	\smile	TAL SCALE (VLINE 1)	46
47	DRIVE THRU MONITORS	12	20 A	1					360 VA	960 VA	1	15 A		+	IGERATOR (VLINE 2)	48
49	EVO CABINET 1 (VLINE 2)	12	15 A	2	1248 VA	1248 VA	1248 VA	1248 VA			2	15 A			CABINET 1 (VLINE 2)	50 52
53	DINING POS ENTRY 2 & CARD	12	20 A	1			12.017.	12.0	600 VA	360 VA	1	20 A	12	SAFE	W/TOUCHSCREEN	54
	Birinto Foo Entritt E & Or it Biii	_ ·-		al Load:	2061	I0 VA	137	50 VA		86 VA				0, 2	11/10001100112211	
				l Amps:		6 A		15 A		8 A						
Loac	d Classification			nected		Demand I	l		ed Demand					Panel Tot	als	
Kitch				1500 V		100.00			00 VA							
Powe				45822 V		100.00			22 VA			Total	Conne	cted Load:	51546 VA	
	eptacle			4224 V		100.00			24 VA		Т			d Demand:		
											Т	otal Co	nnecte	ed Current:	143 A	
										Т	otal Esti	mated	Demar	nd Current:	143 A	
													Syste	m Voltage:	120/208 Wye	
Note																

NOTE TO CONTRACTORS

ALL CONTRACTORS PRIOR TO BID SUBMISSION PROCESS SHALL VISIT PROPOSED WORK SITE AND FIELD VERIFY ALL EXISTING CONDITIONS. ANY CONDITION THAT DIFFERS FROM THAT SHOWN ON THESE PLANS SHALL BE REPORTED TO THE TENANT'S ARCHITECT/ENGINEER SO THAT NEW AND REVISED BID DRAWINGS OR INFORMATION MAY BE ISSUED. MODIFICATION TO THE SCOPE OF WORK WHICH RESULTS FROM THE CONTRACTORS NEGLECT TO VISIT THE SITE PRIOR TO SUBMITTING BID, SHALL BE THE CONTRACTORS SOLE RESPONSIBILITY.

GENERAL NOTE:

FOR PARKING LOT (SITE) LIGHTS AND OUTSIDE SIGNS: PROVIDE (5) 3/4"C FROM PANEL "B" AND STUB OUT 10'-0" AWAY FROM THE BUILDING. VERIFY EXACT LOCATION OF STUB PRIOR TO ROUGH-IN. LOADS MAY VARY WITH LOCATION. VERIFY OUTDOOR VOLTAGE DROP FOR ALL PARKING LIGHTING (SITE) CIRCUITS.

KEY NOTES:

1 PROVIDE LOCK-ON BREAKER.

2 CIRCUITS TO BE WIRED THROUGH COMBINED CONTROL BOX CONTACTOR. SEE SHEETS 6.0 THROUGH 6.3.

GPD GROUP, INC.

520 South Main Street, Suite 2531
Akron, OH 44311
330.572.2100 Fax: 330.572.2102

	07/18/18	REISSUED FOR BID
Α	07/16/18	CITY COMMENTS
	05/25/18	ISSUED FOR BID
		1

CONTRACT DATE: 01.08.18
BUILDING TYPE: T40M-O

BUILDING TYPE: T40M-O
PLAN VERSION: DEC 2017
BRAND DESIGNER:

BRAND DESIGNER:

SITE NUMBER: 309797/420630

STORE NUMBER: 2017088.04

Taco Bell 20711 DIXIE HWY.

MIAMI, FL 33186



T40M-O
OPEN KITCHEN
MODERN EXPLORER

ELECTRICAL SCHEDULES

E2.1

COMMERCIAL KITCHEN EQUIPMENT SCHEDULE																			
		EQUIPMENT IDENTIFICATION	EQUIPMENT ELEC	TRICAL (CHARAC	TERIST			EQUIPMENT	CIRCL	IIT			EQI	JIPMEN	IT DISCO	NNET		
TAG	ТҮРЕ	EQUIPMENT NAME	V/Ph - WATTS	FLA/RLA	MCA	TIME DELAY FUSE	INVERSE-TIME BREAKER	SETS	BRANCH CIRCUIT	PANEL	CIRCUIT NUMBER	WIRE TYPE	CONDUIT TYPE	ТҮРЕ	SIZE	NEMA	SUPPLIED BY	INSTALLED BY	NOTE
B-223	0	B-223 WATER HEATER IGNITION	120 V/1-180 VA	1.5	1.9	20	20	1	#12 W/#12 G IN 3/4"C	D	3	CU	ST	C&P	20	5-20	ES	ES	2
C-026	KR	FRYER	120 V/1-180 VA	6.1	7.6	20	20	1	#12 W/#12 G IN 3/4"C	Α	24	CU	ST	C&P	20	5-20	ES	ES	2
C-107	0	RETHERMALIZER	120 V/1-180 VA	3.0	3.8	20	20	1	#12 W/#12 G IN 3/4"C	Α	21	CU	ST	C&P	20	5-20	ES	ES	2
C-203	KR	VLINE CLAM	120 V/1-2196 VA	18.3	22.8	30	30	1	#10 W/#10 G IN 3/4"C	Α	44	CU	ST	C&P	30	5-30P	ES	ES	2
C-250	KR	VLINE CHEESE MELTER	208 V/2-3328 VA	16	20	20	20	1	#12 W/#12 G IN 3/4"C	Α	41,43	CU	ST	C&P	20	6-20P	ES	ES	2
C-400	0	COOK TIMER	120 V/1-180 VA	3.5	4.4	20	20	1	#12 W/#12 G IN 3/4"C	Α	25	CU	ST	C&P	20	5-20	ES	ES	2
E-107	0	EXHAUST HOOD	120 V/1-500 VA	6.0	7.5	20	20	1	#12 W/#12 G IN 3/4"C	Α	22	CU	ST	DIRECT	20	J-BOX	ES	ES	8
E-272	0	HOOD FIRE SUPPRESSION SYSTEM	120 V/1-500 VA	6.0	7.5	20	20	1	#12 W/#12 G IN 3/4"C	Α	23	CU	ST	DIRECT	20	J-BOX	ES	ES	8
F-040	0	F-040 OFFICE COMPUTER	120 V/1-300 VA	2.5	3.1	20	20	1	#12 W/#12 G IN 3/4"C	Α	2	CU	ST	C&P	20	5-20	ES	ES	2
F-090	0	U-070 RECEIPT PRINTER	120 V/1-240 VA	2.0	2.5	20	20	1	#12 W/#12 G IN 3/4"C	Α	8	CU	ST	C&P	20	5-20	ES	ES	2
F-090	0	UPS	120 V/1-500 VA	4.0	5.0	20	20	1	#12 W/#12 G IN 3/4"C	Α	13	CU	ST	C&P	20	5-20	ES	ES	2
F-174	0	SAFE W/TOUCHSCREEN CONTROLS	120 V/1-360 VA	3.0	3.8	20	20	1	#12 W/#12 G IN 3/4"C	Α	54	CU	ST	C&P	20	5-20	ES	ES	2
HM-10	0	OCB SWITCH	120 V/1-500 VA	1.1	1.4	20	20	1	#12 W/#12 G IN 3/4"C	Α	28	CU	ST	C&P	20	5-20	ES	ES	2
R-01	0	IRRIGATION TIMER	120 V/1-500 VA	6.0	7.5	20	20	1	#12 W/#12 G IN 3/4"C	D	6	CU	ST	C&P	20	5-20	ES	ES	2
049	0	DIGITAL MENU BOARD		1.1	1.4	20	20	1	#12 W/#12 G IN 3/4"C	Α	20	CU	ST	C&P	20	5-20	ES	ES	2
VI-03	0	MUSIC SYSTEM JACK	120 V/1-500 VA	1.1	1.4	20	20	1	#12 W/#12 G IN 3/4"C	D	8	CU	ST	C&P	20	5-20	ES	ES	2
I-043	0	POWER SOAK	208 V/2-4700 VA	11.4	14.1	20	20	1	#12 W/#12 G IN 3/4"C	D	22,24	CU	ST	C&P	20	6-20P	ES	ES	2
P-07	0	POS J-BOX	120 V/1-500 VA	1.1	1.4	20	20	1	#12 W/#12 G IN 3/4"C	Α	9	CU	ST	C&P	20	5-20	ES	ES	2
P-417	0	TIMER - 8 CHANNEL	120 V/1-180 VA	1.1	1.4	20	20	1	#12 W/#12 G IN 3/4"C	Α	1	CU	ST	C&P	20	5-20	ES	ES	2
P-452	KR	HOT WATER SYSTEM	208 V/2-4026 VA	19.4	24.2	30	30	1	#10 W/#10 G IN 3/4"C	Α	16,18	CU	ST	C&P	30	6-30	ES	ES	2
P-452	KR	HOT WATER SYSTEM	208 V/2-4026 VA	19.4	24.2	30	30	1	#10 W/#10 G IN 3/4"C	Α	17,19	CU	ST	C&P	30	6-30	ES	ES	2
₹-009	KM	R-009 FULL HEIGHT FREEZER	120 V/1-1140 VA	9.5	11.9	20	20	1	#12 W/#12 G IN 3/4"C	Α	14	CU	ST	C&P	20	5-20	ES	ES	2
S540	KM	PEPSI BOOSTER TANK	120 V/1-540 VA	4.7	5.9	20	20	1	#12 W/#12 G IN 3/4"C	D	7	CU	ST	C&P	20	5-20	ES	ES	2
S-01	0	J-BOX SECURITY DVR	120 V/1-500 VA	4.2	5.3	20	20	1	#12 W/#12 G IN 3/4"C	Α	11	CU	ST	C&P	20	5-20	ES	ES	2
S-12	0	J-BOX SECURITY	120 V/1-500 VA	4.2	5.3	20	20	1	#12 W/#12 G IN 3/4"C	Α	7	CU	ST	C&P	20	5-20	ES	ES	2
S-027	KR	HEATED CABINET	120 V/1-180 VA	16.6	20	20	20	1	#12 W/#12 G IN 3/4"C	Α	31	CU	ST	C&P	20	5-20	ES	ES	2
S-027	KR	HEATED CABINET	120 V/1-180 VA	16.6	20	20	20	1	#12 W/#12 G IN 3/4"C	Α	33	CU	ST	C&P	20	5-20	ES	ES	2
3-204	0	S-204 D/T TIMING SYSTEM	120 V/1-216 VA	7.2	9.0	20	20	1	#12 W/#12 G IN 3/4"C	Α	12	CU	ST	C&P	20	5-20	ES	ES	2
S-284	KM	S-284 BEVERAGE DISPENSER	120 V/1-360 VA	3.0	3.8	20	20	1	#12 W/#12 G IN 3/4"C	D	15	CU	ST	C&P	20	5-20	ES	ES	2
3-285	KM	S-284 BEVERAGE DISPENSER (D/T)	120 V/1-360 VA	3.0	3.8	20	20	1	#12 W/#12 G IN 3/4"C	Α	15	CU	ST	C&P	20	5-20	ES	ES	2
3-286	0	WATER FILTRATION SYSTEM	120 V/1-400 VA	2.0	2.5	20	20	1	#12 W/#12 G IN 3/4"C	D	39	CU	ST	C&P	20	5-20	ES	ES	2
3-381	0	PEPSI BOOSTER TANK	120 V/1-120 VA	1	1.3	15	15	1	#12 W/#12 G IN 3/4"C	D	41	CU	ST	C&P	15	5-15	ES	ES	2
3-513	0	S-513 ICE MAKER	120 V/1-180 VA	1.1	1.4	15	15	1	#12 W/#12 G IN 3/4"C	D	2	CU	ST	C&P	15	5-15	ES	ES	2
S-546	0	ICED TEA	120 V/1-240 VA	2.0	2.5	20	20	1	#12 W/#12 G IN 3/4"C	Α	3	CU	ST	C&P	20	5-20	ES	ES	2
S-547	0	BREWER	120 V/1-480 VA	4.0	5.0	20	20	1	#12 W/#12 G IN 3/4"C	Α	6	CU	ST	C&P	20	5-20	ES	ES	2
S-570	0	CARBONATOR	120 V/1-138 VA	2.3	2.9	15	15	1	#12 W/#12 G IN 3/4"C	D	1	CU	ST	C&P	15	5-15	ES	ES	2
S-570	0	CARBONATOR	120 V/1-138 VA	2.3	2.9	15	15	1	#12 W/#12 G IN 3/4"C	D	15	CU	ST	C&P	15	5-15	ES	ES	2
S-737		S-737 FROZEN BEVERAGE DISPENSER	208 V/2-3120 VA	31.6	39.5	30	30	1	#10 W/#10 G IN 3/4"C	D	10,12	CU	ST	C&P	30	6-30	ES	ES	2
S-XX2	0	AIR CURTAIN RECEPTACLE	120 V/1-500 VA	4.2	5.25	20	20	1	#12 W/#12 G IN 3/4"C	D	25	CU	ST	C&P	20	5-20	ES	ES	2
J-052	0	U-052 SECURITY SYSTEM	120 V/1-180 VA	3.0	3.8	15	15	1	#12 W/#12 G IN 3/4"C	A	5	CU	ST	C&P	15	5-15	ES	ES	2
J-052	0	GENERAL PURPOSE RECEPTACLE	120 V/1-360 VA	3.0	3.8	15	15	1	#12 W/#12 G IN 3/4"C	Α	11	CU	ST	C&P	15	5-15	ES	ES	2
J-061	0	CREDIT CARD READER	120 V/1-180 VA	1.1	1.4	20	20	1	#12 W/#12 G IN 3/4"C	A	13	CU	ST	C&P	20	5-20	ES	ES	2
J-061	0	CREDIT CARD READER	22 1,1 133 1.1	1.1	1.4	20	20	<u>·</u> 1	#12 W/#12 G IN 3/4"C	A	53	CU	ST	C&P	20	5-20	ES	ES	2
J-070	0	U-070 RECEIPT PRINTER	120 V/1-240 VA	2.0	2.5	20	20	1	#12 W/#12 G IN 3/4"C	A	8	CU	ST	C&P	20	5-20	ES	ES	2
J-070	0	CREDIT CARD READER	120 V/1-180 VA	1.1	1.4	20	20	1	#12 W/#12 G IN 3/4"C	A	13	CU	ST	C&P	20	5-20	ES	ES	2
J-100	0	POS	120 V/1-180 VA	1.5	1.9	15	15	<u>'</u> 1	#12 W/#12 G IN 3/4"C	A	53	CU	ST	C&P	15	5-15	ES	ES	2
J-238	0	CREDIT CARD READER	120 V/1-180 VA	1.1	1.4	20	15	1	#12 W/#12 G IN 3/4"C	A	47	CU	ST	C&P	20	5-20	ES	ES	2
V-075	KM	W-075-2 WALK-IN FREEZER	208 V/3-0 VA	11.6	14.5	20	20	<u>'</u> 1	#12 W/#12 G IN 3/4"C		27,29,31	CU	ST	DIRECT	20	J-BOX	ES	ES	2
V-075	KM	W-075-1 WALK-IN COOLER	208 V/3-0 VA	14.2	17.8	20	20	٠	#12 W/#12 G IN 3/4"C		28,30,32		ST	DIRECT	20	J-BOX	ES	ES	2

^{***}REFER TO ARCHITECTURAL EQUIPMENT SCHEDULE FOR ALL KITCHEN EQUIPMENT AND FINAL COORDINATION***

Branch Panel: D

Location: Supply From: MSB Mounting: Recessed

Enclosure: Type 1

Volts: 120/208 Wye Phases: 3 Wires: 4

A.I.C. Rating: SERIES Mains Type: M.L.O. Mains Rating: 400 A

MCB Rating:

	Wiro											Wiro		
Circuit Description	Size	Trip	Poles		Δ.		В		С	Poles	Trip	Size	Circuit Description	СКТ
CARBONATOR	12	15 A	1	138 VA	360 VA					1	20 A	12	S-513 ICE MAKER	2
B-223 WATER HEATER IGNITION	12	20 A	1			180 VA	680 VA			1	20 A	12	ALTERNATE PAYMENT ROUTER BOX AN	4
HUB TABLE RECEPTACLES	12	20 A	1					500 VA	680 VA	1	20 A	12	IRRIGATION TIMER AND RECEPTACLE	6
S-540 PEPSI TANK	12	20 A	1	540 VA	680 VA					1	20 A	12	MUSIC SYSTEM J-BOX AND RECEPTACLE	8
RECEPTACLES - ROOF	12	20 A	1			360 VA	1560 VA			2	20 A	10	e 727 EDOZENI DEV. DISD	10
CONVIENCE RECEPTACLES	12	20 A	1					540 VA	1560 VA		30 A	10	3-737 FROZEN BEV. DISF.	12
GENERAL PURPOSE RECEPTACLES	12	20 A	1	360 VA	1600 VA					2	20. 4	12	ICE MAKED CONDENSED	14
DRINK FOUNTAIN - S-284 AND S-570	12	20 A	1			498 VA	1600 VA				20 A	12	ICE WARER CONDENSER	16
U-238 MONITORS	12	20 A	1					720 VA	1600 VA	2	20. 4	10	ICE MAKED CONDENSED	18
ICE MAKED CONDENSED D/T	12	20. 4	2	1600 VA	1600 VA						20 A	12	ICE WARER CONDENSER	20
ICE MAKER CONDENSER D/I	12	20 A				1600 VA	2350 VA			2	20. 4	12	DOWED SOAK	22
HUB TABLE KIOSK	12	20 A	1					500 VA	2350 VA		20 A	12	FOWER SOAR	24
AIR CURTAIN RECEPTACLE	12	15 A	1	500 VA	500 VA					1	20 A	12	MUSIC SYSTEM (MUZAK)	26
						1393 VA	1705 VA							28
WALK-IN FREEZER	12	20 A	3					1393 VA	1705 VA	3	15 A	12	WALK-IN COOLER	30
				1393 VA	1705 VA									32
						4035 VA	9480 VA							34
RTU-1	6	50 A	3					4035 VA	9480 VA	3	80 A	3	RTU-2	36
				4035 VA	9480 VA									38
S-286 WATER FILTER SYSTEM	12	20 A	1			400 VA	2309 VA			2	20.4	10	HOT WELL W/ CPILL (V/LINE 2)	40
S-381 AMPROBE CO2 MONITOR	12	20 A	1					120 VA	2309 VA] ~	30 A	10		42
		Tota	al Load:	2449	1 VA	2815	50 VA	2749	92 VA					
	CARBONATOR B-223 WATER HEATER IGNITION HUB TABLE RECEPTACLES S-540 PEPSI TANK RECEPTACLES - ROOF CONVIENCE RECEPTACLES GENERAL PURPOSE RECEPTACLES DRINK FOUNTAIN - S-284 AND S-570 U-238 MONITORS ICE MAKER CONDENSER D/T HUB TABLE KIOSK AIR CURTAIN RECEPTACLE WALK-IN FREEZER RTU-1 S-286 WATER FILTER SYSTEM	CARBONATOR 12 B-223 WATER HEATER IGNITION 12 HUB TABLE RECEPTACLES 12 S-540 PEPSI TANK 12 RECEPTACLES - ROOF 12 CONVIENCE RECEPTACLES 12 GENERAL PURPOSE RECEPTACLES 12 DRINK FOUNTAIN - S-284 AND S-570 12 U-238 MONITORS 12 ICE MAKER CONDENSER D/T 12 HUB TABLE KIOSK 12 AIR CURTAIN RECEPTACLE 12 WALK-IN FREEZER 12 RTU-1 6 S-286 WATER FILTER SYSTEM 12	Circuit Description Size Trip CARBONATOR 12 15 A B-223 WATER HEATER IGNITION 12 20 A HUB TABLE RECEPTACLES 12 20 A S-540 PEPSI TANK 12 20 A RECEPTACLES - ROOF 12 20 A CONVIENCE RECEPTACLES 12 20 A GENERAL PURPOSE RECEPTACLES 12 20 A DRINK FOUNTAIN - S-284 AND S-570 12 20 A U-238 MONITORS 12 20 A ICE MAKER CONDENSER D/T 12 20 A HUB TABLE KIOSK 12 20 A WALK-IN FREEZER 12 20 A WALK-IN FREEZER 12 20 A RTU-1 6 50 A S-286 WATER FILTER SYSTEM 12 20 A S-381 AMPROBE CO2 MONITOR 12 20 A	Circuit Description Size Trip Poles CARBONATOR 12 15 A 1 B-223 WATER HEATER IGNITION 12 20 A 1 HUB TABLE RECEPTACLES 12 20 A 1 S-540 PEPSI TANK 12 20 A 1 RECEPTACLES - ROOF 12 20 A 1 CONVIENCE RECEPTACLES 12 20 A 1 GENERAL PURPOSE RECEPTACLES 12 20 A 1 DRINK FOUNTAIN - S-284 AND S-570 12 20 A 1 U-238 MONITORS 12 20 A 1 ICE MAKER CONDENSER D/T 12 20 A 2 HUB TABLE KIOSK 12 20 A 1 AIR CURTAIN RECEPTACLE 12 15 A 1 WALK-IN FREEZER 12 20 A 3 RTU-1 6 50 A 3 S-286 WATER FILTER SYSTEM 12 20 A 1	Circuit Description Size Trip Poles CARBONATOR 12 15 A 1 138 VA B-223 WATER HEATER IGNITION 12 20 A 1 1 HUB TABLE RECEPTACLES 12 20 A 1 540 VA S-540 PEPSI TANK 12 20 A 1 540 VA RECEPTACLES - ROOF 12 20 A 1 0 CONVIENCE RECEPTACLES 12 20 A 1 360 VA DRINK FOUNTAIN - S-284 AND S-570 12 20 A 1 1 U-238 MONITORS 12 20 A 1 1600 VA ICE MAKER CONDENSER D/T 12 20 A 2 1600 VA HUB TABLE KIOSK 12 20 A 1 500 VA WALK-IN FREEZER 12 20 A 3 1393 VA RTU-1 6 50 A 3 4035 VA S-286 WATER FILTER SYSTEM 12 20 A 1 S-381 AMPROBE CO2 MONITOR 12 20 A 1 <td>Circuit Description Size Trip Poles A CARBONATOR 12 15 A 1 138 VA 360 VA B-223 WATER HEATER IGNITION 12 20 A 1 </td> <td> Circuit Description</td> <td> Circuit Description Size Trip Poles A 1 138 VA 360 VA 1 120 A 12 12 12 12 12 12 13 14 138 VA 360 VA 180 VA 680 VA 1 20 A 12 20 A 13 20 A 14 20 A 12 20 A 14 20 A 14 20 A 15 20 A 20 A </td>	Circuit Description Size Trip Poles A CARBONATOR 12 15 A 1 138 VA 360 VA B-223 WATER HEATER IGNITION 12 20 A 1	Circuit Description	Circuit Description Size Trip Poles A 1 138 VA 360 VA 1 120 A 12 12 12 12 12 12 13 14 138 VA 360 VA 180 VA 680 VA 1 20 A 12 20 A 13 20 A 14 20 A 12 20 A 14 20 A 14 20 A 15 20 A 20 A						

	Total Amps:	204 A	238 A	233 A		
Load Classification	Connected Load	Demand Facto	or Estimat	ed Demand	Panel To	tals
HVAC	12105 VA	100.00%	12	105 VA		
Kitchen	8816 VA	65.00%	57	30 VA	Total Connected Load:	80133 VA
Other	28440 VA	100.00%	28	440 VA	Total Estimated Demand:	77047 VA
Power	10218 VA	100.00%	10	218 VA	Total Connected Current:	222 A
Receptacle	1660 VA	100.00%	16	60 VA	Total Estimated Demand Current:	214 A
Refrigeration	18894 VA	100.00%	18	894 VA	System Voltage:	120/208 Wye

07/18/18 REISSUED FOR BID

520 South Main Street, Suite 2531 Akron, OH 44311 330.572.2100 Fax: 330.572.2102

05/25/18 ISSUED FOR BID

CONTRACT DATE: BUILDING TYPE: PLAN VERSION: BRAND DESIGNER:

SITE NUMBER: 309797/420630 STORE NUMBER: 2017088.04

> Taco Bell 20711 DIXIE HWY. MIAMI, FL 33186

01.08.18

T40M-O

DEC 2017



OPEN KITCHEN MODERN EXPLORER

ELECTRICAL SCHEDULES

PLOT DATE: 7/18/2018 1:15:35 PM

TYPE: H-HEATING, C-COOLING, KR-KITCHEN RESISTIVE, KM-KITCHEN MOTOR, WH-WATER HEATER, OM-OTHER MOTORS, O-OTHER DISCONNECT TYPE: HP-HP RATED SWITCH, C&P-CORD & PLUG, LC&P-LOCKING CORD & PLUG, F-FUSED, NF-NON-FUSED, MCCB-MOLDED CASE CIRCUIT BREAKER SUPPLIED/INSTALLED BY: EC-ELECTRICAL CONTRACTOR, HC-HVAC CONTRACTOR, PC-PLUMBING CONTRACTOR, ES-EQUIPMENT SUPPLIER *VOLTAGE DROP CALCULATION FORMULAS COURTESY OF COOPER BUSSMANN.

NOTES: 1 - REQUIRES SHUNT TRIP PROTECTION

^{2 -} CORD & PLUG SUPPLIED AND INSTALLED BY ES. EC SHALL PROVIDE RECEPTACLE. 3 - CORD & PLUG SUPPLIED AND INSTALLED BY ES. RECEPTACLE SUPPLIED BY ES AND INSTALLED BY EC.

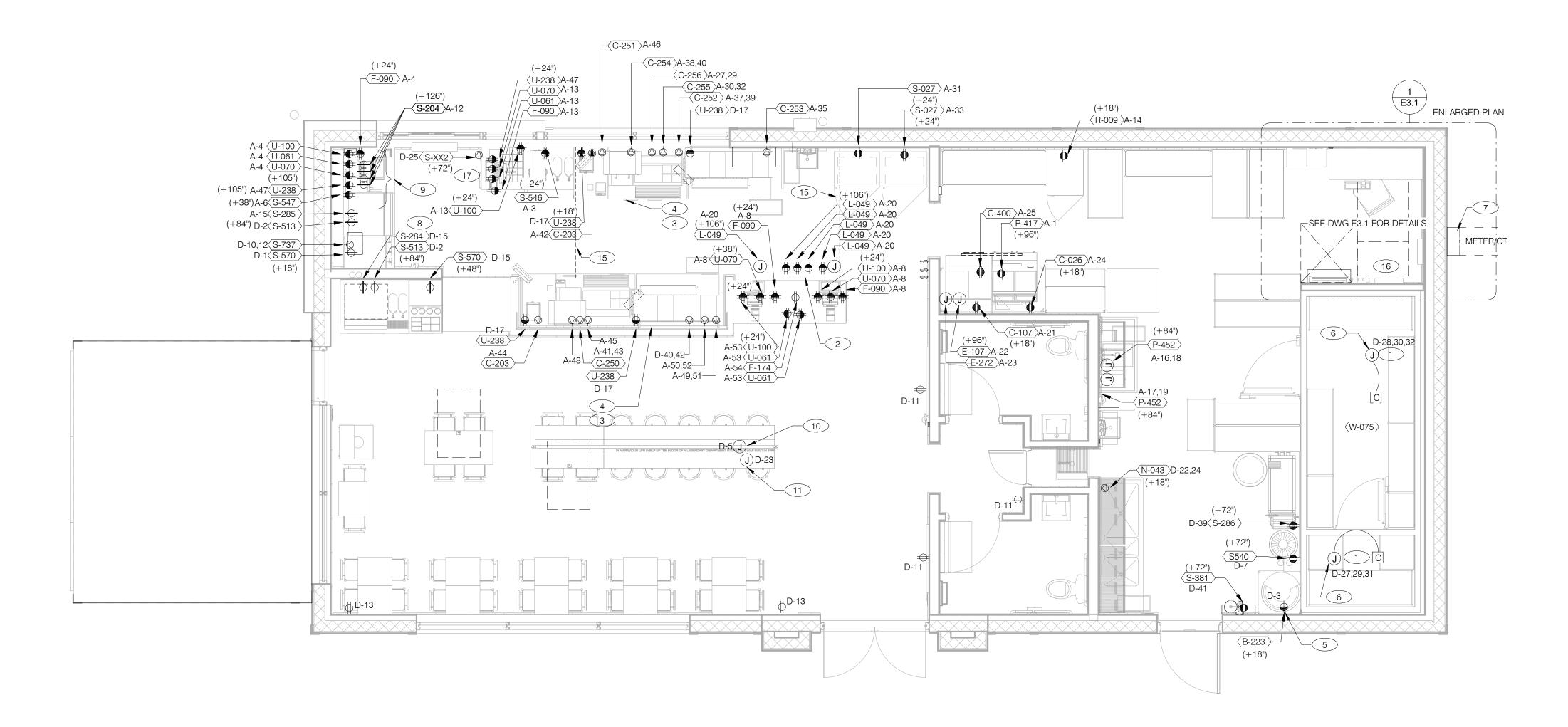
^{4 -} CORD, PLUG & RECEPTACLE SUPPLIED AND INSTALLED BY EC.

^{5 -} SINGLE PHASE, THREE WIRE EQUIPMENT. PROVIDE NEUTRAL CONDUCTOR AND GROUND. 6 - THREE PHASE, FOUR WIRE EQUIPMENT. PROVIDE NEUTRAL CONDUCTOR AND GROUND. 7 - OUTLETS SUPPLIED AND INSTALLED BY ES. CONDUIT & WIRING PROVIDED BY EC.



330.572.2100 Fax: 330.572.2102

Akron, OH 44311



NOTE
IN LIEU OF GFCI OUTLETS, CONTRACTOR MAY USE
GFCI CIRCUIT BREAKERS TO CUT COSTS.

REFER TO POWER AND COMMUNICATION DIMENSIONS
PLAN

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

A. ALL DIMENSIONS TO J-BOXES ARE FROM FACE OF STUD TO CENTER OF BOX, U.O.N.

B. ALL CONDUIT DROPS ARE INSIDE WALLS U.O.N. SEE ARCH. DWGS FOR WALL DIMS.

C. ALL J-BOX CIRCUITS, CONDUITS, FIXTURES, ETC. SHALL BE AS INDICATED ON THE ELECT. DWGS AND SPECS.

D. CONTRACTOR SHALL VERIFY UNDERGROUND CONDUIT LOCATIONS PRIOR TO POURING SLAB.

CORRECTNESS OF ANY DIMENSIONS HEREIN.

- E. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THIS DATA ON THE LOCATION OF ELECT. ROUGH-INS WITH INFO PROVIDED ON THE ARCH. AND STRUCT. DWGS AND THE EQUIPMENT ACTUALLY SUPPLIED, AND TO CONFIRM THE
- F. LOCATIONS OF ALL OUTLETS MAY BE RELOCATED TO NEAREST STUD. DO <u>NOT</u> CUT INTO STUDS.
- G. FOR EXACT LOCATIONS OF KITCHEN & MECHANICAL EQUIPMENT AND POINTS OF CONNECTION, REFER TO KITCHEN & MECHANICAL EQUIPMENT DRAWINGS AND MANUFACTURER'S SHOP DRAWINGS.
- ALL CIRCUIT FEEDERS AND DISCONNECTS SHALL BE SIZED BY NEC.
- I. CONTRACTOR SHALL VERIFY CIRCUIT BREAKER, DISCONNECT SWITCH, STARTER AND FUSE SIZES WITH SELECTED EQUIPMENT MANUFACTURER'S SHOP DRAWINGS PRIOR TO PLACING ORDER AND PROVIDE EVERYTHING AS REQUIRED.

- J. ELECTRICAL EQUIPMENT ENCLOSURES SHALL BE NEMA-1 FOR INTERIOR AND NEMA 3R FOR EXTERIOR. IN COASTAL REGIONS THE STANDARD FOR OUTSIDE SHALL BE NEMA-4X.
- PER SECTION 210.8(B)(3) NEC 2011, ALL 15 AND 20A, 120V RECEPTACLES IN COMMERCIAL KITCHENS ARE REQUIRED TO BE GFCI PROTECTED. THIS INCLUDES ISOLATED GROUND RECEPTACLES
- DO NOT MEASURE/LOCATE OUTLETS ON DRAWINGS. USE DIMENSIONS PROVIDED.
- M. CONDUIT MAY RUN UNDER SLAB AT G.C.'S DISCRETION.
- E.C. SHALL PROVIDE A PREPRINTED SELF-ADHESIVE LABEL ON ALL POS RECEPTACLES STATING "POS USE ONLY".
- PROVIDE ESCUTCHEON PLATES AND SEALANT AT ALL UTILITY PENETRATIONS INTO WALLS, CEILING, AND FLOORS. DO NOT USE CAULKS OR EXPANSION FOAM FOR SEALANT.
- P. ARMOR CABLE (BX) ALLOWED WHERE ACCEPTABLE BY CODE. ALL WIRE SHALL BE CONCEALED O.N.U.
- POR ALL CIRCUITS NOT SHOWN ON EQUIPMENT SCHEDULE, CONTRACTOR SHALL PROVIDE CONDUCTOR AND CONDUIT SIZES AS SHOWN ON BRANCH CIRCUIT WIRING SCHEDULE SHOWN ON E2.2. IF SIZES DIFFER FROM N.E.C., THE MORE STRINGENT (LARGER) SIZE SHALL BE PROVIDED.
- OUTLETS WITHIN FOH TO BE AT 18" AFF FOR ADA ACCESS.
- S. CONDUITS NEAR DRIVE THRU WINDOW AREA TO BE ROUTED FROM ABOVE CEILING OR STUBBED UP FROM UNDER SLAB SO AS TO NOT INTERFERE WITH WINDOW FRAMING.

- 1 REFER TO ROOF PLAN.
- 2 INSTALL IN CONDUIT RUNNING ON SURFACE OF KITCHEN SIDE OF CABINETRY REAR WALL.
- THE EC SHALL BE RESPONSIBLE FOR PROVIDING RECEPTACLES FOR THE EQUIPMENT IN THE V-LINE. EC SHALL COORDINATE REQUIEMENTS WITH EQUIPMENT MANUFACTURER. CONFIRM AND COORDINATE ALL MOUNTING HEIGHTS WITH EQUIPMENT MANUFACTURER PRIOR TO ROUGH-IN.
- 4 EC SHALL COORDINATE WITH V-LINE MANUFACTURER FOR RECEPTACLE MOUNTING
- HEIGHT AND SPECIFICATIONS.

 5 LOCATED INSIDE SHELL OF HEATER.
- 6 INSTALL CONTROL CABLE FROM FREEZER/COOLER FAN COIL TO ROOF MOUNTED CONDENSOR.
- 7 LOCATE ELECTRICAL SERVICE EQUIPMENT PER GUIDLINES ON ARCHITECTURAL AND CIVIL DRAWINGS.
- 8 PROVIDE BOOST TRANSFORMER (208V, 1-PHASE IN, 240V, 1-PHASE OUT) FOR FROZEN BEVERAGE DISPENSER IF APPLICABLE. COORDINATE WITH EQUIPMENT MANUFACTURER FOR EXACT REQUIREMENTS.
- 9 ABOVE CEILING FOR WALL MOUNTED HME. SEE 5/E3.1.
- J-BOX FOR POWER AT HUB TABLE. CONDUIT SHALL BE ROUTED UNDERGROUND WITH 3/4" C. W/ 2 # 12 AND 1#12 GND. STUB CONDUIT UP IN FLOOR TO END OF HUB TABLE. PROVIDE AND INSTALL FLEX CABLE WIRING THROUGH STUB-UP CONDUIT INTO TUBING CHASE AT END OF TABLE. MAKE FINAL CONNECTIONS TO JUNCTION BOXES AND/OR RECEPTACLES MOUNTED ON TABLE. COORDINATE LIGHTING INSTALLATION REQUIREMENTS WITH CONDUIT ROUTING, REFER TO E4.0 FOR LIGHTING INFORMATION. FIELD VERIFY AND COORDINATE WITH HUB TABLE MANUFACTURER FOR EXACT REQUIREMENTS AND LOCATIONS PRIOR TO INSTALLATION.

- PROVIDE POWER AND DATA JUNCTIONS BOXES IN SLAB WITH COVER PLATE FOR FUTURE ORDERING KIOSK. PROVIDE ALL NECESSARY TRENCHING AND CONDUITS. VERIFY EXACT QUANTITY AND LOCATION WITH EQUIPMENT INSTALLER AND TACO BELL CONSTRUCTION MANAGER.
- 12 PROVIDE 1/2" C WITH 2#14 FOR HEATER FOR CONTROL WIRING
- (PATIO DESIGN OPTION).

 13 NOT USED.
- 14 NOT USED.
- 15 CONTRACTOR TO RUN POWER AND DATA CONDUITS FOR V LINE AND FRONT POS COUNTER UNDER SLAB. CONFIRM ROUTE WITH TACO BELL REPRESENTATIVE PRIOR TO ROUGH-IN.
- LOCATION OF TBCCB COMBINED CONTROL BOX. COORDINATE EXACT LOCATION IN FIELD. CONSIDER OPERATOR'S NEED TO ACCESS SWITCHES ON THE FRONT OF THE CONTROL BOX AND BUILT IN OCCUPANCY SENSOR FOR MANAGER'S OFFICE. CIRCUIT TO B-10.
- 17 REFER TO DETAIL 7/E3.1.

07/18/18 REISSUED FOR BID
05/25/18 ISSUED FOR BID

CONTRACT DATE: 01.08.18
BUILDING TYPE: T40M-O
PLAN VERSION: DEC 2017

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BRAND DESIGNER:
SITE NUMBER: 309797/420630

STORE NUMBER:

Taco Bell

2017088.04

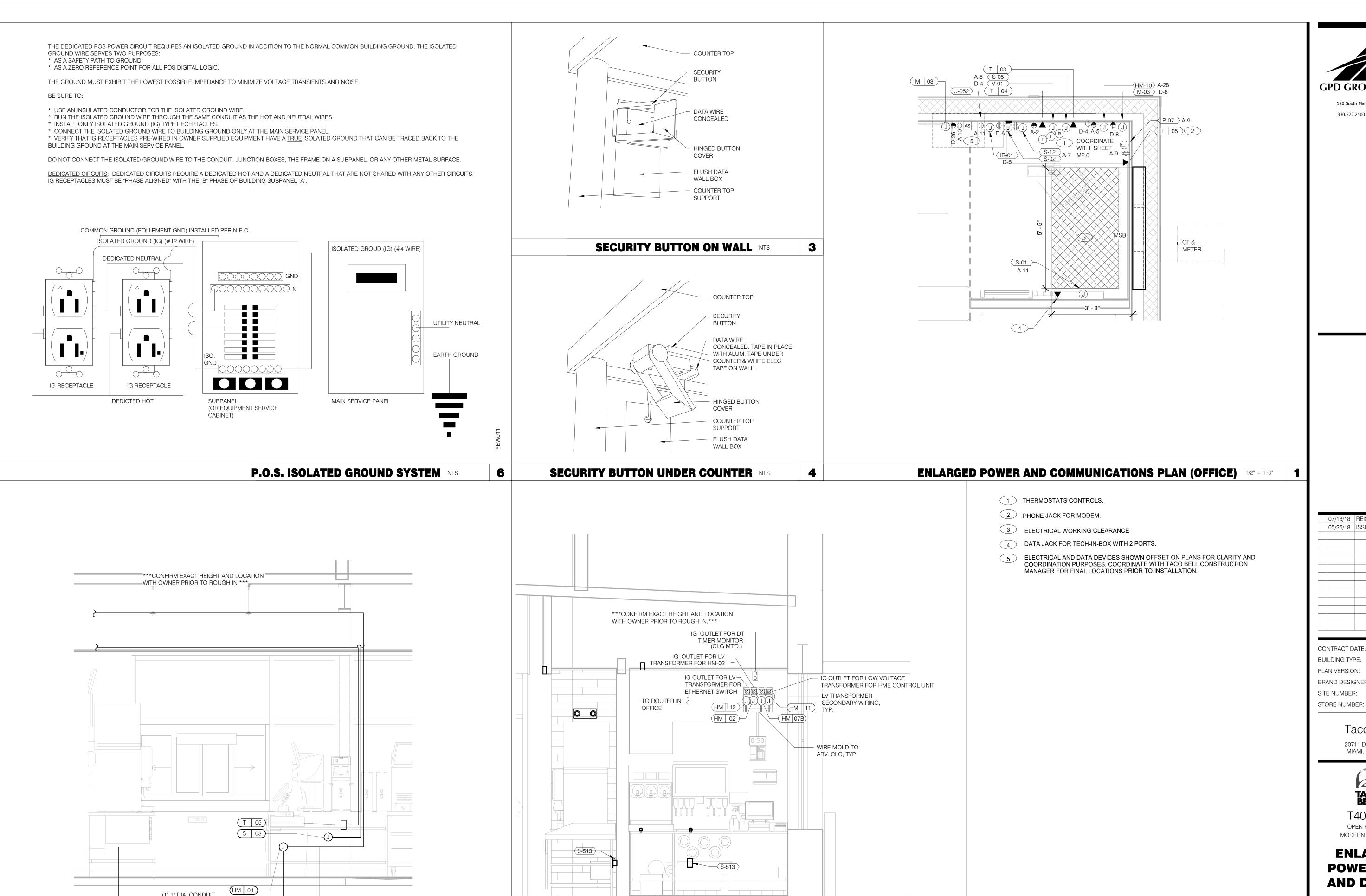
20711 DIXIE HWY. MIAMI, FL 33186



T40M-O
OPEN KITCHEN
MODERN EXPLORER

ELECTRICAL POWER PLAN

E3.0



ENLARGED INTERIOR ELEVATION NTS

(1) 1" DIA. CONDUIT STUB UP FROM UNDERSLAB

CONDUIT IN WALL (TYP.) SEE SCHEDULE FOR SIZE

ENLARGED INTERIOR ELEVATION (D/T WINDOW) NTS

520 South Main Street, Suite 2531

Akron, OH 44311 330.572.2100 Fax: 330.572.2102

07/18/18 | REISSUED FOR BID 05/25/18 ISSUED FOR BID

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T40M-O

DEC 2017

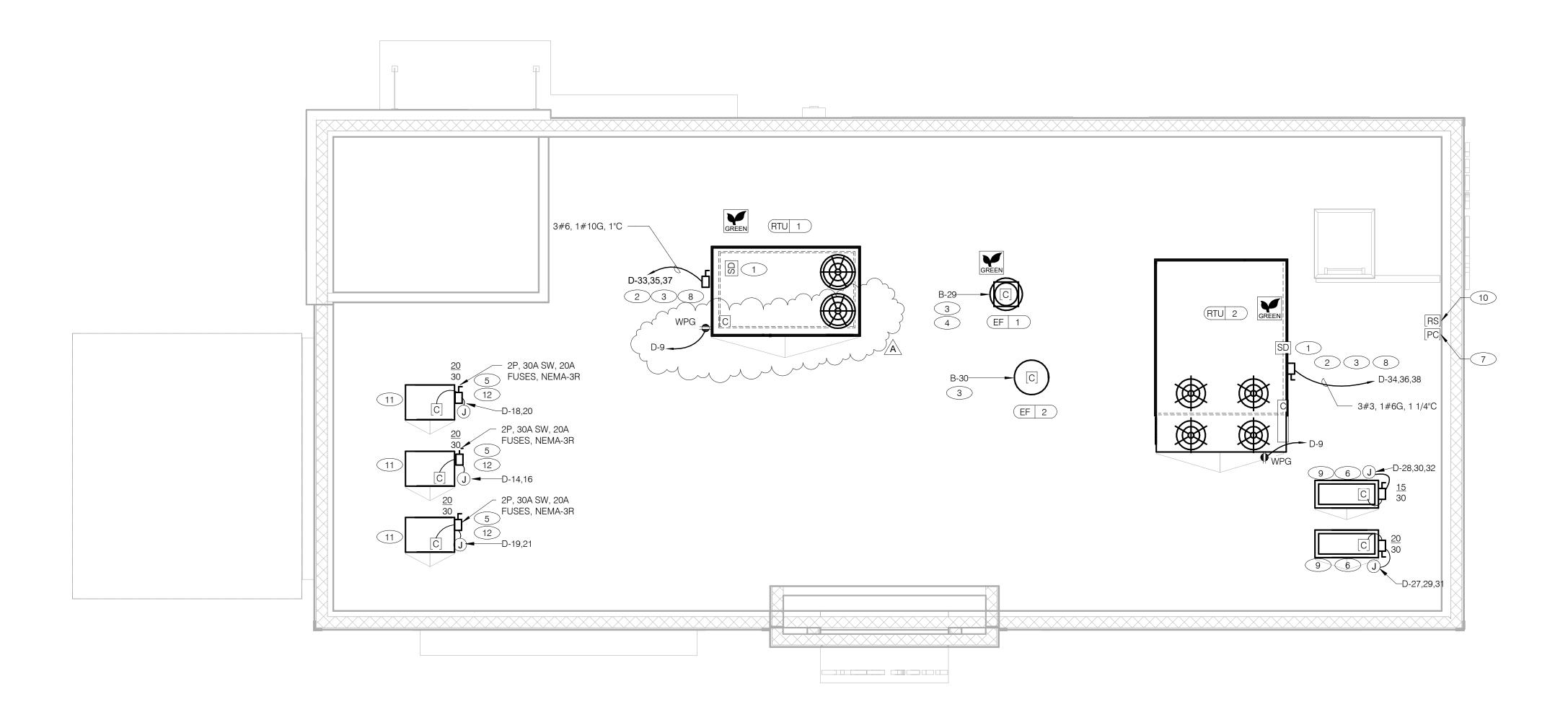


OPEN KITCHEN MODERN EXPLORER

ENLARGED POWER PLAN AND DETAILS

KEY NOTES - ELECTRICAL ENLARGED DETAILS NTS





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

NO CONDUIT SHALL BE FASTENED DIRECTLY TO OR THROUGH ROOFING MEMBRANE.

ALL CUTS IN ROOFING MEMBRANE SHALL BE MINIMAL AND IN ACCORDANCE WITH ROOFING MFR'S AND INSTALLER'S REQ'S.

REFER TO MECH. DWGS FOR MECHANICAL EQUIPMENT ELECTRICAL REQ'S.

- ALL EXPOSED ELECTRICAL CONDUITS SHALL PENETRATE ROOF MEMBRANE AT PIPE HOODS U.O.N.
- REFER TO ELECT. EQUIP. SCHEDULE AND ELECT. ROUGH-IN PLAN.
- ALL CONDUITS FROM EXHAUST FANS SHALL BE ROUTED INSIDE OF CURB.
- ALL CONDUITS TO AND FROM RTU SHALL BE ROUTED INSIDE OF RTU CURB. COORDINATE WITH RTU MFR RECOMMENDATIONS.
- REFER TO GENERAL NOTES SHEET E2.0 FOR IMPORTANT INFORMATION.
 - ALL WIRING AND CONDUITS SHALL BE CONCEALED. NO CONDUITS PERMITTED TO RUN EXPOSED ACROSS ROOF DECK. ROUTE ALL CONDUITS THROUGH EQUIPMENT ROOF CURBS OR ARCHITECT SPECIFIED ROOF PENETRATIONS.
 - ARMOR CABLE (BX) ALLOWED WHERE ACCEPTABLE BY CODE.

- 1 SMOKE DETECTOR PROVIDED WITH UNIT. REFER TO MECHANICAL DRAWINGS.
- SPECIFIED RTU IS SUPPLIED WITH THRU THE BASE ELECTRICAL CONNECTIONS AND FACTORY INSTALLED HACR CIRCUIT BREAKER WITH WEATHER TIGHT ENCLOSURES AND ACCESS THRU SWINGING DOOR.
- 3 POWER AND CONTROL ENTRY FROM BOTTOM OF UNIT.
- 4 CONNECT TO EF-1 RELAY. REF E6.0 THROUGH E6.3.

CONVENIENCE OUTLET.

- 5 1/2" C, WITH REQ'D CONDUCTORS TO J-BOX IN CEILING ABOVE ICE MACHINE. MAKE CONNECTION TO ICE MACHINE AND CONDENSING UNIT.
- 6 REFER TO POWER PLAN FOR CONTINUATION TO COOLER / FREEZER.
- MOUNT PHOTOCELL ON THE EAST SIDE OF THE BUILDING 14.0' ABOVE GRADE. CONNECT TO LIGHTING CONTROL PANEL AND RELAYS. SEE E6.0 AND E6.1.
- 8 RTU'S SHALL BE PROVIDED WITH BUILT-IN DISCONNECT, SINGLE POINT WIRING AND
- 9 CONTRACTOR SHALL VERIFY CIRCUIT BREAKER TYPE, STARTER, DISCONNECT SWITCH, AND FUSE SIZE (IF REQUIRED) WITH SELECTED EQUIPMENT MANUFACTURER'S SHOP DRAWINGS PRIOR TO PLACING ORDER AND FURNISH AND
- (10) RAIN SENSOR MOUNTED NEXT TO PHOTOCELL 14.0' ABOVE GRADE.
- (11) PIPE HOOD FOR ICE MACHINE CONDENSERS. SEE ARCHITECTURAL ROOF PLAN.
- (12) ELECTRICAL CONTRACTOR SHALL MAKE ALL ELEC. CONNECTIONS INCLUDING ALL NECESSARY INTERCONNECTIONS BETWEEN THE COMPRESSOR ON THE ROOF & THE EVAPORATOR IN THE ICE MACHINE AS REQ'D. REFER TO THE MFR'S SHOP DWGS FOR EXACT INSTALL. & INTERCONNECTION RQMTS, PRIOR TO ROUGH-IN

OPEN KITCHEN MODERN EXPLORER **ELECTRICAL POWER ROOF**

PLAN

T40M-O

Taco Bell

20711 DIXIE HWY.

MIAMI, FL 33186

07/18/18 | REISSUED FOR BID A 07/16/18 CITY COMMENTS 05/25/18 ISSUED FOR BID

01.08.18

T40M-O

DEC 2017

309797/420630

2017088.04

CONTRACT DATE:

BUILDING TYPE:

PLAN VERSION:

SITE NUMBER:

STORE NUMBER:

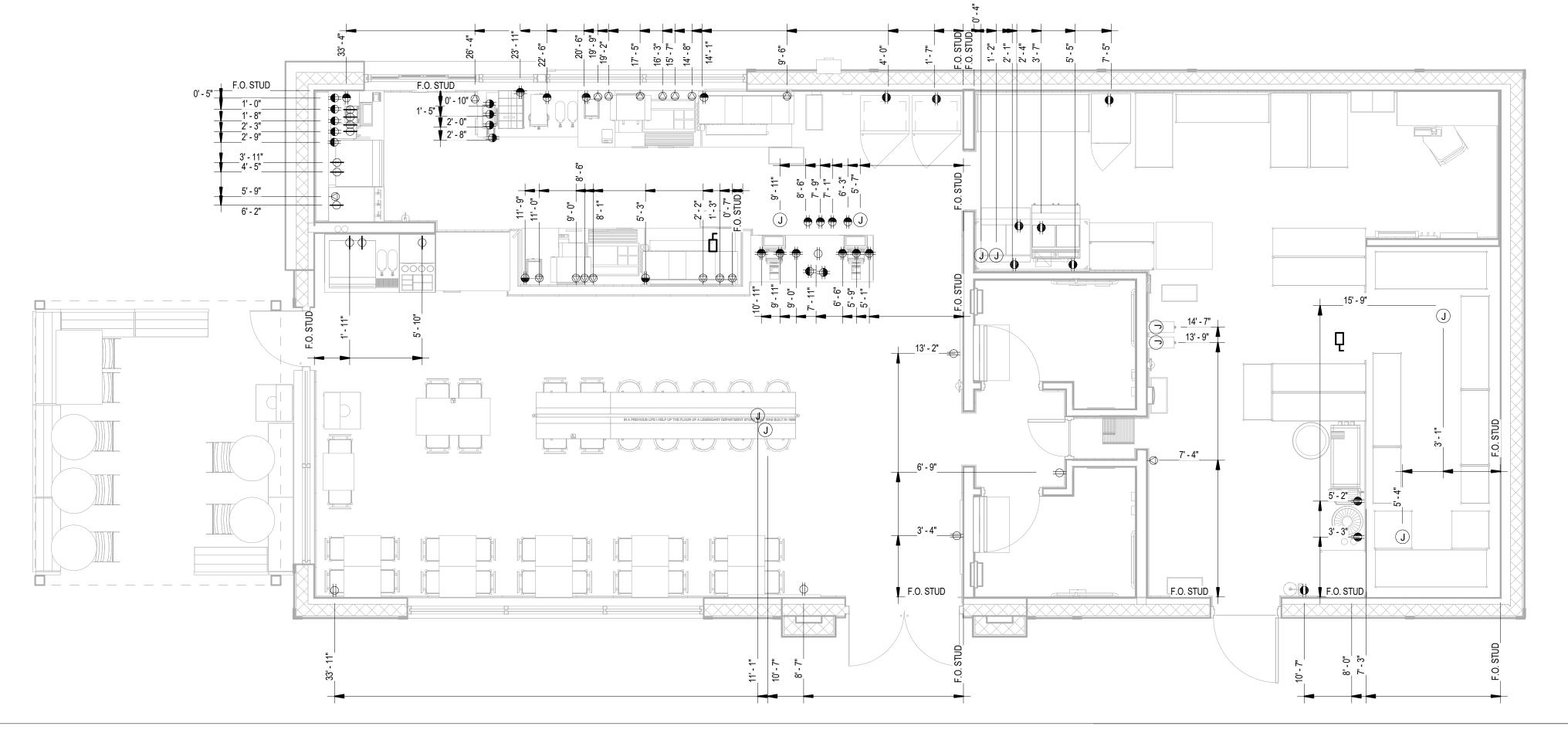
BRAND DESIGNER:

GENERAL NOTES - ELECTRICAL POWER ROOF PLAN NTS

C KEY NOTES - ELECTRICAL POWER ROOF PLAN NTS

INSTALL EVERYTHING AS REQUIRED.





POWER DIMENSIONS PLAN

07/18/18 REISSUED FOR BID
05/25/18 ISSUED FOR BID

CONTRACT DATE:
BUILDING TYPE:
PLAN VERSION:
BRAND DESIGNER:

SITE NUMBER: 3

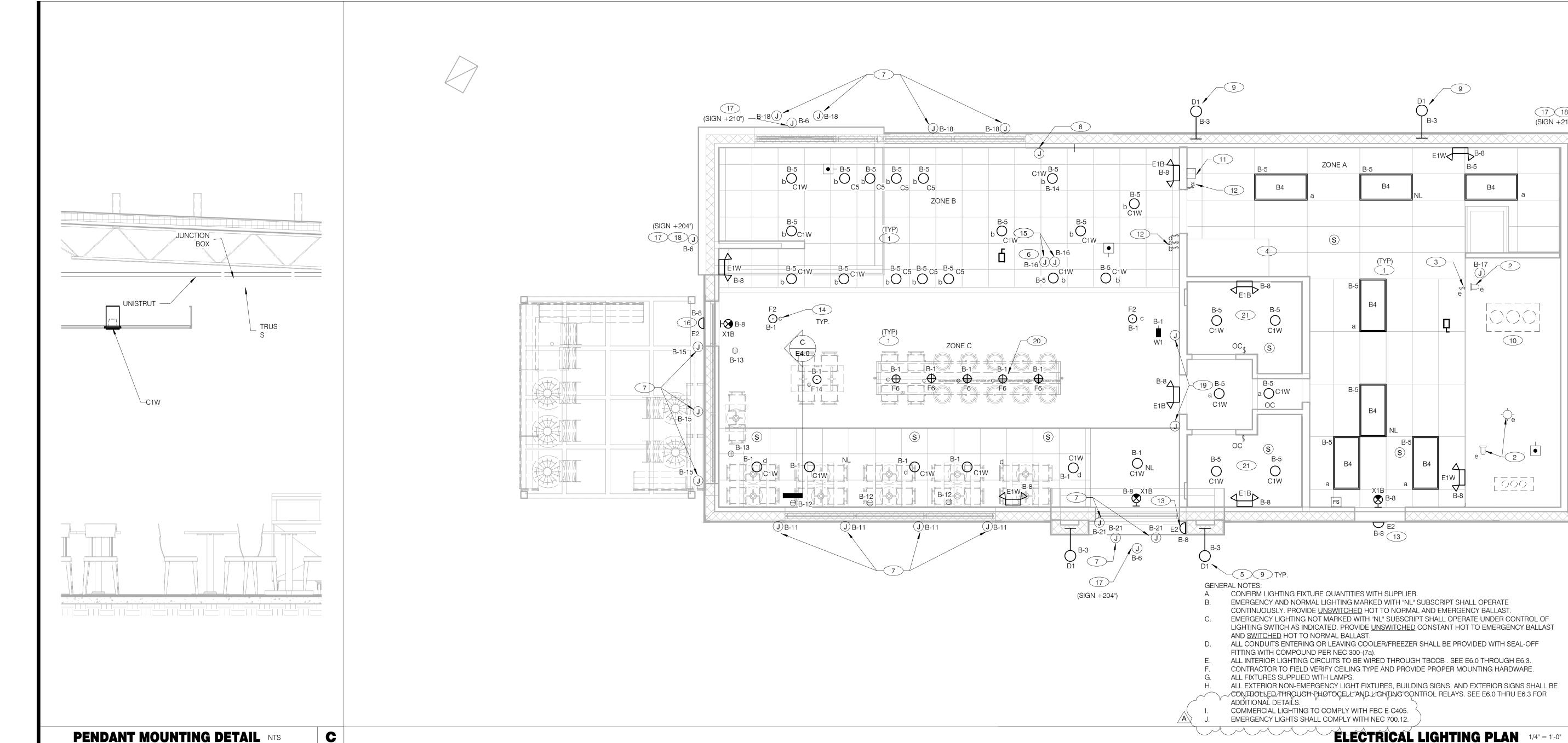
Taco Bell
20711 DIXIE HWY.
MIAMI, FL 33186



T40M-O
OPEN KITCHEN
MODERN EXPLORER

ELECTRICAL DIMENSIONS PLAN

E3.3



BALLAST



17 (18)-

10

(SIGN +210")

07/16/18 CITY COMMENTS 05/25/18 ISSUED FOR BID

> **CONTRACT DATE:** 01.08.18 **BUILDING TYPE:** T40M-O PLAN VERSION: DEC 2017 BRAND DESIGNER: SITE NUMBER: 309797/420630 STORE NUMBER: 2017088.04

ADDITIONAL INFORMATION. F6 FIXTURES TO BE MOUNTED FROM HUB TABLE CROSS BAR BY ELECTRICAL CONTRACTOR. COORDINATE PRE-DRILLED HOLES AND WIRING WITH FURNITURE VENDOR. FIXTURES TO BE HUNG

AT STAGGERED LENGTHS DOWN FROM THE CROSS BAR. COORDINATE LENGTH WITH TACO BELL PROJECT MANAGER. CIRCUIT RESTROOM LIGHTS AND OCCUPANCY

SENSOR SWITCH AHEAD OF LIGHTING CONTROL

COORDINATE LOCATION OF J-BOX WITH SIGN VENDOR. PROVIDE DISCONNECTING MEANS AS REQUIRED. SEE SCOPE OF WORK.

VENDOR. SEE SCOPE OF WORK.

COORDINATE LOCATION OF J-BOX WITH TOWER

PROVIDE J-BOX TO END OF UNISTRUT FOR ROUTING OF LIGHTIING CABLES TO PENDANT LIGHTING FIXTURES. SEE DETAIL C ON E4.0 FOR

CATALOG NUMBER MOUNTING LAMP #/TYPE TYPE ELECTRICAL DATA REMARKS QTY LOCATION MANUFACTURER DESCRIPTION CROSSOVER LED AREA LIGHTS FORWARD THROW, SITE LIGHTING XLCM-FT-LED-HO-CW-D180 LED 120 V/1-275 VA DOUBLE LIGHT ON 24' POLE CROSSOVER XLCM-FT-LED-HO-CW-D180 SITE LIGHTING LED AREA LIGHTS FORWARD THROW, ON POLE 120 V/1-275 VA LED 24' POLE **MAXLITE** MLFP-24EP-4841 2X4 LED TROFFER RECESSED GRID 120 V/1-45 VA SITE LIGHTING CROSSOVER LED AREA LIGHTS FORWARD THROW, LED XLCM-FT-LED-HO-CW-D90 120 V/1-275 VA DOUBLE LIGHTS ON 24' POLE MAXLITE LED C1W FOH B6IC-AT-W- LED14DR5630KB95 | LED TRIM 14W 6" RECESSED 30K 80CRI 120 V/1-14 VA WHITE TRIM, W/ ELITE B6IC-AT-W 6" IC AIR SHUT HOUSING OPEN KITCHEN MAXLITE RAF-6-23-30-W LED DOWNLIGHT 23W 6" RECESSED 30K RECESSED 120 V/1-23 VA AREA/ FOH 80CRI WHITE TRIM EXTERIOR TROY B2772 17"X14" WALL MOUNT SCONCE, OLD WALL, CENTER OF BRACKET @ 14'-0" ALIGN BOTTOM OF FIXTURE'S 120 V/1-60 VA SCONCE SILVER FINISH, MEDIUM BASE SOCKET, A.F.F. MOUNTING WITH CHANGE IN 100 WATT MAX EIFS THICKNESS FOH **ELITE** ELM-809-B EMERGENCY LIGHT FROG EYE - BLACK WALL, TOP @ 9'-4" U.O.N. 120 V/1-12 VA ELM-809-W EMERGENCY LIGHT FROG EYE - WHITE BOH ELITE WALL, TOP @ 9'-4" U.O.N. 120 V/1-12 VA EXTERIOR LIGHTALARMS CAM-SD-DB-CW CAMRAY LED EM WALL MNT, DRK BRNZ, UNIVERSAL 120 V/1-16 VA CLD WEATHER SPCO310LEDXT10L27KWDE1 SPECTRUM LED PENDANT - 3" SURFACE DINING ROOM 1/LED 120 V/1-9 VA LIGHTING GL CP13 PM36" MB 3 **HUB TABLE** KICHLER 43852OZ 9.75" GLASS PENDANT AVERY WITH MED PENDANT, VARIES 1/LED AAMSCO 120 V/1-100 VA PLACEHOLDER INCLUDES LAMP BASE SOCKET RATED 100W MAX OLDE LED-6W-ST64HYBRID-DIM BRONZE FINISH LOUNGE PENDANT BASELITE HD24/78-EXT/59-INT/15'LCBLC/B 24" DEEP BOWL PENDANT, BLACK PENDANT, 6'-0" A.F.F. 1/LED 120 V/1-42 VA EXTERIOR/ COOPERTONE INTERIOR LC25 WINC MAX BLACK CORD AND CANOPY/MEDIUM BASE CTL84C2M27D-P-FA-84-B-LFI6SL | Stealth LED Wall Lighter Track Fixture LED MOUNT IN MIDDLE OF CEILING ConTech Lighting SURFACE Power Connector TILE. AIM FIXTURE TO CENTER 120 V/1-14 VA ON GRAPHIC WALL AT BOOTH FOH/BOH LIGHTALARMS GRANNRB LED UNIVERSAL MNTG THERMOPLASTIC UNIVERSAL -/LED 120 V/1-3 VA

EXIT, RED LETTERS, BLACK HSNG

(9) REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS FOR DIMENSIONED LOCATION OF FIXTURE.

(1) UTILIZE TIME-CLOCK CONTROLS FOR DINING ROOM CIRCUITS. REFER TO DRAWINGS E6.0 AND E6.1.

(5) COORD. J-BOX LOCATION WITH WOOD FRAMING SO IT REMAINS CONCEALED BEHIND FIXTURE. VERIFY

OUTLET FOR MENU BOARD: SEE SHEET E3.0. VERIFY POINT OF CONNECTION. 10 LIGHT PANELS WIRED IN

(7) J-BOX FOR EVERBRITE LIGHTING SYSTEM IN CANOPY. PROVIDE DISCONNECTING MEANS FOR LIGHTING.

J-BOX FOR LIGHT TROUGH AGAINST WINDOW. VERIFY POINT OF CONNECTION. WIRE VIA EXTERIOR LIGHTING

3 FIXTURE AND SWITCH FACTORY INSTALLED WITH UNIT. G.C. TO COMPLETE CIRCUITING.

EXHAUST HOOD LIGHT FIXTURES SUPPLIED WITH HOOD AND MTD IN PRE-WIRED

COORDINATE WITH CANOPY MANUFACTURER FOR ADDITIONAL DETAILS.

FOR LIGHTING FIXTURES, CONDUIT, CONDUCTORS AND INSTALLATION RESPONSIBILITIES, REFER TO SCOPE

ig(10ig) SEAL ALL ELECTRICAL CONDUITS INTO THE WALK-IN COOLER.

J-BOX. COMPLETE CIRCUITING PER SHEETS E6.0-E6.3.

MOUNTING HEIGHT WITH ARCH. DWGS.

SERIES. G.C. TO MAKE FINAL CONNECTION.

- 11 ALERT LIGHT: ONLY APPLIES WHEN A GEN IV POWER SOAK IS USED. DISREGARD IF GEN III POWER SOAK IS USED. SEE SHEET E3.0 FOR POWER REQUIREMENTS.
- (12) PROVIDE LIGHT SWITCHES FOR CONTROL OF LIGHT FIXTURES AS SHOWN. COORDINATE WITH LIGHTING MANUFACTURER FOR TYPE OF SWITCH.
- (13) MOUNT "E2" AT 8'-0" A.F.G. TO CENTER OF FIXTURE. REFER TO ARCHITECTURAL ELEVATIONS.
- (14) SUBSCRIPT "x" CORRESPONDS TO LIGHTING CONTROL SWITCH.
- ig(15 ig) J-BOX FOR SECURITY (U-052) AND INTERIOR MENU BOARD (L-XX1) RESPECTIVELY.
- MOUNT "E2" AT 8'-6" A.F.G. TO CENTER OF FIXTURE. REFER TO ARCHITECTURAL ELEVATIONS.

T40M-O

Taco Bell

20711 DIXIE HWY.

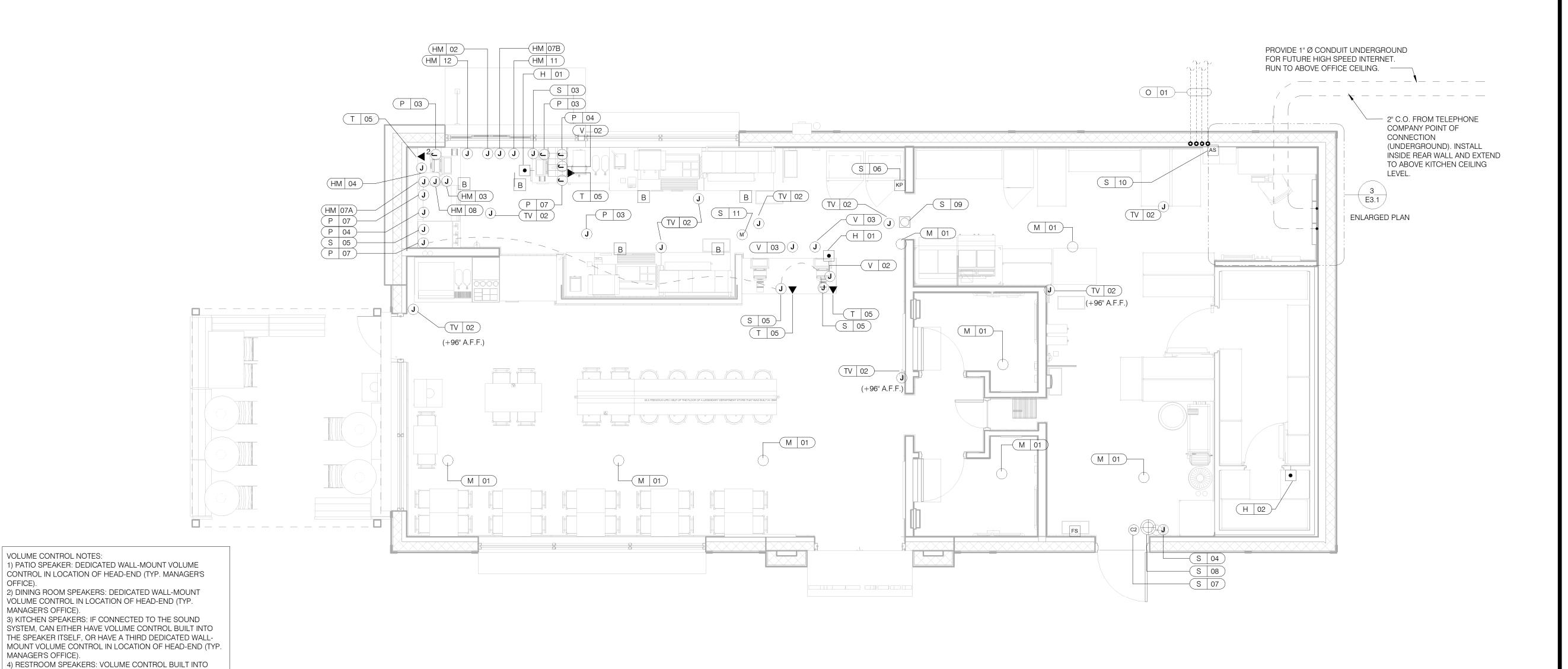
MIAMI, FL 33186

OPEN KITCHEN MODERN EXPLORER

LIGHTING PLAN AND DETAILS

B





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

CONTRACT DATE: BUILDING TYPE: PLAN VERSION: DEC 2017 BRAND DESIGNER: 309797/420630

SITE NUMBER: STORE NUMBER:

Taco Bell

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OPEN KITCHEN MODERN EXPLORER

COMMUNICATIONS **PLAN**

-	HOLD-UP BUTTON (MOUNT 2-1/2" BEHIND COUNTER EDGE)	DOOR CONTACT (LINKED TO AUDIO / VISUAL ALARM)
(1)	MUSIC SYSTEM SPEAKERS	SOUND ALERT" DEVICE
	SECURITY STROBE	KP KEYPAD (MTD AT 48" A.F.F.)
(J)	J-BOX	AS ALARM SIREN ABOVE CLG
◀	2" x 4" J-BOX W/ DATA PORTS	B BUMP PAD (MOUNT AT FRONT
M	MOTION DETECTOR	COUNTER)
(OC)	OCCUPANCY SENSOR. CEILING	FS HOOD FIRE SUPPRESSION SYSTEM PULL STATION
	MOUNTED. SEE DETAILS 1 & 2 / E7.0	• / C→ USB OUTLET

VOLUME CONTROL NOTES:

MANAGER'S OFFICE).

MANAGER'S OFFICE).

SPEAKER.

COMMUNICATIONS LEGEND	NTS	C

SUPPLY AND INSTALL OUTLETS AND CONDUIT FOR OWNER SUPPLIED AND INSTALLED CABLE AND LOW VOLTAGE WIRING (U.O.N.). TELEPHONE AND MUSIC SYSTEM WIRING SHALL BE SUPPLIED AND INSTALLED. SEE SCOPE OF WORK SHEETS.

SEE SHEETS E3.0 AND E3.1 FOR ELECT. INFO ON POS, SECURITY SYSTEM, CCTV SYSTEM, (OFFICE) COMPUTER, DRIVE-THRU TIMER AND DRIVE-THRU COMMUNICATION SYSTEM.

THIS PLAN INCLUDES CONDUITS AND J-BOXES FOR POS, SECURITY SYSTEM, CCTV SYSTEM, (OFFICE) COMPUTER, TELEPHONE SYSTEM, MUSIC SYSTEM, DRIVE-THRU TIMER AND DRIVE-THRU COMMUNICATION SYSTEM.

ALL OUTLETS AND BOXES MOUNTED IN THE SERVING COUNTER CABINETRY ARE TO BE 24" AFF. INSTALL JUNCTION BOXES WITH CONDUIT UNDER CABINET TO NEAREST WALL AND TO ABOVE CEILING.

COMMUNICATIONS NOTES NTS

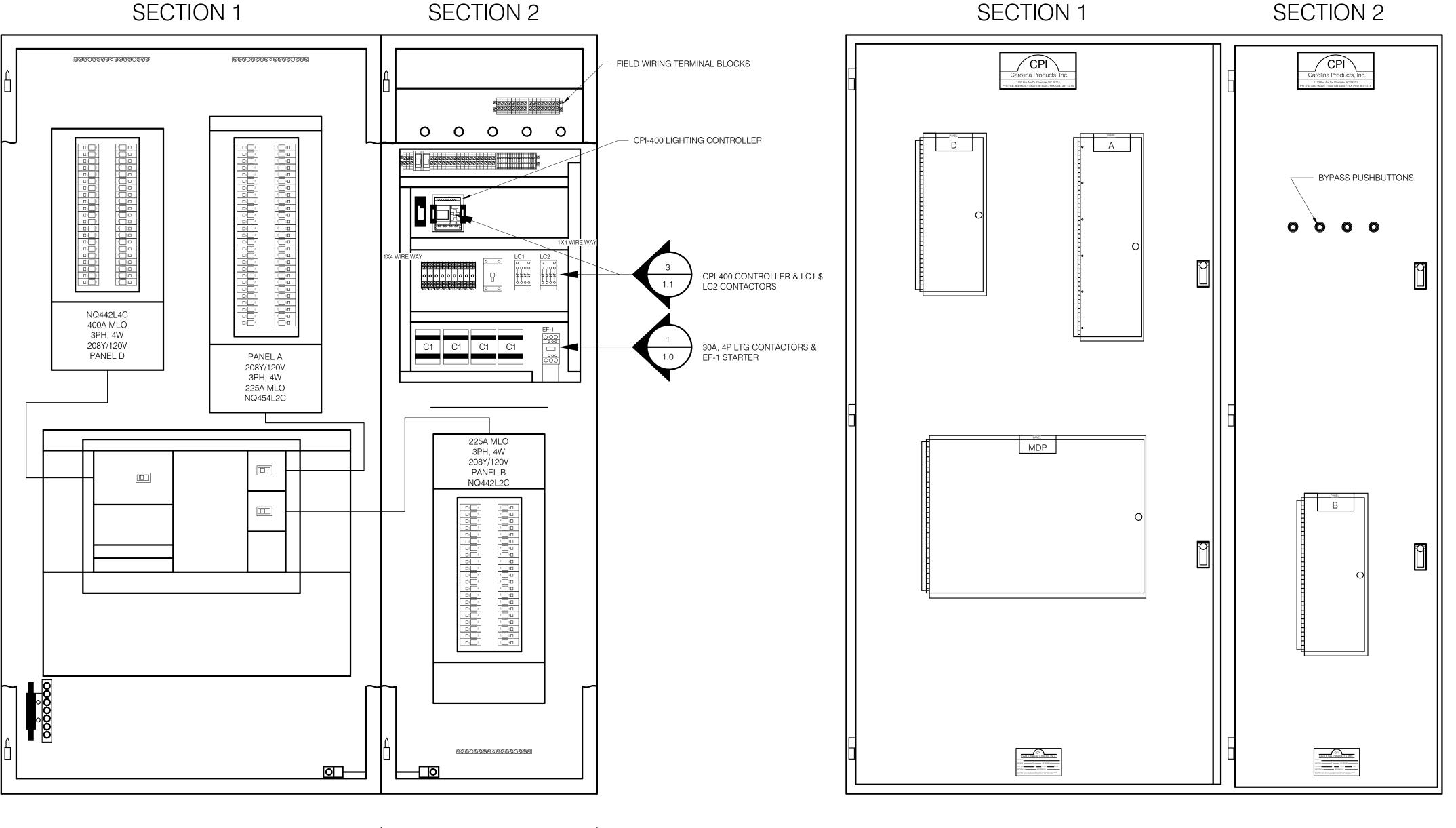
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	COMMUNICATIONS ROUGH-IN SCHEDULE				
COMM. TYPE	COMM.	OMM.		DEMARKS	
		UNDER COUNTER HOLD-UP BUTTON	LLLVATION	SEE DETAIL 6/E3.1.	
		WALL MOUNTED HOLD-UP BUTTON	+18" A.F.F.	SURFACE MTD. 2X4 J-BOX ON INSIDE OF WALK-IN FREEZER HINGE WALL W/ (1) 1/2"	
				CONDUIT TO ABOVE KITCHEN CEILING. BUTTON FACING DOWN. SEE DETAIL 3/E3.1	
HM	02	D/T TIMER SIGNAL PROCESSOR J-BOX	+126" A.F.F	4X4X4" DEEP (MIN.) J-BOX ABV. CLG. W/ (1) 1" CONDUIT TO HM-07B, (1) 1" CONDUIT TO HM-04, (1) 1-1/2" CONDUIT TO HM-08 & (1) 1" CONDUIT TO HM-12. SEE DET. 5/E3.1.	
HM	03	D/T BASE STATION J-BOX	+72" A.F.F.	4X4 J-BOX @ D/T BASE STATION W/ (1) 1-1/2" C TO HM-08 & (1) 1-1/2" C TO HM-07A. SEE DETAIL 5/E3.1.	
НМ	04	D/T COMM SYSTEM J-BOX	+18" A.F.F.	4X8 J-BOX W/ (1) 1" CONDUIT TO HM-02, (1) 1" CONDUIT TO HM-07A, (1) 1" CONDUIT TO PICK-UP WINDOW D/T LOOP, AND (3) 1" CONDUIT TO D/T MENU BOARD. SEE DETAIL 7/E3.1	
НМ	07A	D/T TIMER DISPLAY J-BOX	+62" A.F.F.	2X4 J-BOX W/ (1) 1-1/2" CONDUIT TO HM-03 & (1) 1" C TO HM-04. SEE DETAIL 5/E3.1.	
НМ	07B	D/T TIMER DISPLAY J-BOX	+126" A.F.F.	2X4 J-BOX ABV. CEILING W/ (1) 1" CONDUIT TO HM-02. SEE DETAIL 5/E3.1	
НМ	08	D/T J-BOX	+96" A.F.F.	4X4X4" DEEP (MIN.) J-BOX W/ (1) 1-1/2" CONDUIT TO HM-03 & (1) 1-1/2" CONDUIT TO HM-02. SEE DETAIL 5/E3.1.	
НМ	11	D/T CONTROL UNIT J-BOX	+126" A.F.F.	2X4 J-BOX ABV. CEILING W/ (1) 1" CONDUIT TO HM-12. SEE DETAIL 5/E3.1.	
НМ	12	D/T/ ETHERNET SWITCH J-BOX	+126" A.F.F.	2X4 J-BOX ABV. CEILING W/ (1) 1" CONDUIT TO HM-11, (1) 1" CONDUIT TO HM-02 & (1) 1" CONDUIT TO OFFICE ROUTER.	
М	01	SPEAKER	CEILING	SPEAKER WIRING FROM SPEAKERS IN DINING ROOM TO AMPLIFIER IN OFFICE. FOR EXACT LOCATION OF SPEAKERS, SEE LIGHTING PLAN SHEET E4.0.	
М		MUSIC SYSTEM J-BOX (SEE ENLARGED PLAN)	+60" A.F.F.	4X4 J-BOX & COVER W/ (1) 1/2" CONDUIT TO ABOVE CEILING FOR MUSIC SYSTEM. SEE SCOPE OF WORK.	
0	01	(4) 1" DATA CONDUITS	U.G.	FROM MENU BOARD/SPEAKER POST TO ABOVE CEILING FOR OCB AND D/T/ COMM. SYSTEM. SEE DETAIL 3/E7.0	
Р	03	KITCHEN MONITOR J-BOX	+84" A.F.F.	2X4 J-BOX W/ (1) 3/4" CONDUIT TO ABOVE CIELING	
	04	BUMP PAD J-BOX	+24" A.F.F.	2X4 J-BOX W/ (1) 3/4" CONDUIT TO P-03.	
		POS J-BOX W/ 2-1/2" DIA HOLE IN COVER PLATE	+24" A.F.F.	6X6X4" DEEP J-BOX W/ 2-1/2" CONDUIT IN WALL TO ABV. CEILING, WITH PULL STRING FOR POS.	
	03	J-BOX SECURITY SYSTEM	+30" A.F.F.	2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABV. CLG. FOR HOLD-UP BUTTON SIGNAL WIRE.	
	04	J-BOX SECURITY SYSTEM	+84" A.F.F.	2X4 J-BOX W/ COVER & (1) 1/2" CONDUIT TO ABOVE CEILING.	
S	05	J-BOX SECURITY SYSTEM	+24" A.F.F.	2X4 J-BOX W/ 3/4" CONDUIT TO S-05 AND TO ABOVE CEILING.	
S	06	J-BOX SECURITY SYSTEM	+48" A.F.F.	2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABOVE CEILING FOR SECURITY SYSTEM KEYPAD.	

	COMMUNICATIONS ROUGH-IN SCHEDULE				
COMM. TYPE	COMM.	EQUIPMENT ITEM	ELEVATION	REMARKS	
S	07	J-BOX SECURITY SYSTEM	TOP OF JAMB	2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABOVE CEILING FOR DOOR CONTACT.	
S	08	"SOUND ALERT" DEVICE	CEILING	CONNECT TO SECURITY SYSTEM.	
S	09	SECURITY STROBE LIGHT	CEILING	CONNECT TO SECURITY SYSTEM.	
S	10	ALARM SIREN	ABV. CEILING	CONNECT TO SECURITY SYSTEM.	
S	11	MOTION / HEAT DETECTOR	+78" A.F.F.	STUB 1/2" CONDUIT. D5835 OR D5820. MOUNT 90" A.F.F. FOR OFFICE	
T	03	VOICE LINE PHONE JACK	+106" A.F.F.	2X4 J-BOX W/ DOUBLE RJ-11 PHONE JACK & 1" CONDUIT TO ABOVE CEILING	
Т	04	COMPUTER PHONE JACK (SEE ENLARGED PLAN)	+42" A.F.F.	2X4 J-BOX W/ RJ-11 PHONE JACK AND 1" CONDUIT TO ABOVE CEILING.	
Т	05	POS PHONE JACK	+24" A.F.F.	2X4 J-BOX W/ 1" CONDUIT TO ABOVE CEILING.	
TV	02		+96" A.F.F.	MINI-DOME CAMERA MTD. TO BTM. OF MENU BOARD BULKHEAD. 2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABOVE CEILING MTD. ON BACK SIDE OF BULKHEAD (6 TOTAL).	
V	02	CREDIT CARD READER (VSAT)	+24" A.F.F.	2X4 J-BOX W/ 1/2" CONDUIT TO ABOVE CEILING FOR ETHERNET CABLES.	
V	03	DIGITAL MENUBOARD	+106" A.F.F.	J-BOX MTD. TO TOP OF MENU BOARD BULKHEAD. 2X4 J-BOX W/ (1) 1/2" CONDUIT (2	
S	01	J-BOX SECURITY SYSTEMS	+48" A.F.F.	4X4 J-BOX AT SECUIRTY SYSTEM CONTROL PANEL W/ (1) 2" CONDUIT TO S-02	
S	02	J-BOX SECURITY SYSTEMS	+106" A.F.F.	4X4 J-BOX ADJACENT TO T-02 W/ (1) 2" CONDUIT TO S-01	
S	12	J-BOX SECURITY DVR	+42" A.F.F.	2X4 J-BOX FOR SECURITY DVR	
Т	02	SECURITY SYSTEM PHONE JACK	+106" A.F.F.	2X4 J-BOX ADJACENT TO S-02 W/ RJ-31X PHONE JACK	
V	01	ALTERNATE PAYMENT ROUTER BOX	+90" A.F.F.	4X4 J-BOX W/ 1/2" CONDUIT TO ABOVE CEILING FOR ETHERNET CABLES	
НМ	10	OCB SWITCH	+52" A.F.F.	2X4 J-BOX W/ 1" CONDUIT TO ABOVE CEILING	
IR	01	IRRIGATION TIMER	+80" A.F.F.	4X4 J-BOX W/ 1" CONDUIT TO IRRIGATION VALVES	







SECTION 1 STUB UP AREA

SECTION 2 STUB UP AREA

3/4"

CPI INTEGRATED TACO BELL CONTROLS:

- THE CPI CONTROL SYSTEM IS TO ACTIVATE OR DEACTIVATE THE FOLLOWING:
 - BUILDING SIGNS AND PARKING LIGHTS
- KITCHEN AND DINING LIGHTING
- EXHAUST HOOD FAN (EF-1 AND EF-2) MAKE UP AIR / REPLACEMENT AIR FAN

SEQUENCE OF OPERATION

OCCUPIED MODE

A TEAM MEMBER TURNS ON KITCHEN LIGHTS BY FLIPPING A WALL SWITCH "UP" IN THE KITCHEN, PLACING THE KITCHEN IN "OCCUPIED" MODE. THE SWITCH IS INSTALLED INVERTED IN THE KITCHEN SO THAT THE NORMAL ACTION OF FLIPPING THE SWITCH UP BREAKS POWER TO THE LIGHTING CONTACTOR (LC1) IN THE CPI SWITCHGEAR CONTROL SYSTEM. THE CONTACTS IN THE LIGHTING CONTACTOR REVERT TO THEIR NORMALLY CLOSED POSITION. THIS ALLOWS POWER TO PROCEED TO THE FOLLOWING:

- THE RESTROOM AND COOKLINE EXHAUST FAN MARKED "EF-2"
- A LIGHT SWITCH IN THE KITCHEN FOR THE DINING ROOM LIGHTS
 THE KITCHEN LIGHTS
- THE KITCHEN LIGHTS

 THE EXHAUST HOOD FAN MARKED "EF-1", HOOD LIGHTS, AND RELAY (R6) FOR MAKE UP AIR / REPLACEMENT AIR FAN

(EVAPORATOR FAN) IN RTU-1 AND RTU-2.

UNOCCUPIED MODE

A TEAM MEMBER TURNS OFF THE KITCHEN LIGHTS BY FLIPPING THE WALL SWITCH "DOWN" IN THE KITCHEN, PLACING THE KITCHEN IN "UNOCCUPIED" MODE. THE SWITCH IS INSTALLED INVERTED IN THE OFFICE SO THAT THE NORMAL ACTION OF FLIPPING THE SWITCH DOWN PROVIDES POWER TO THE LIGHTING CONTACTOR (LC1) IN THE CPI SWITCHGEAR CONTROL SYSTEM. THE CONTACTS IN THE LIGHTING CONTACTOR OPEN FROM THEIR NORMALLY CLOSED POSITION. THIS BREAKS POWER TO THE FOLLOWING:

- THE RESTROOM AND COOK LINE EXHAUST FAN MARKED "EF-2"
 A LIGHT SWITCH IN THE KITCHEN FOR THE DINING ROOM LIGHTS
- THE KITCHEN LIGHTS
- OCCUPIED SIGNAL FOR THE EXHAUST HOOD FAN MARKED "EF-1"
- AND RELAY (R6) FOR THE
- MAKE UP AIR / REPLACEMENT AIR FAN (EVAPORATOR FAN) IN RTU-1 AND RTU-2.

EXHAUST FAN (EF-1) AND MAKE UP AIR RELAY (R6) OFF DELAY TIMER

UPON LOSING THE "OCCUPIED" MODE SIGNAL FROM WALL SWITCH IN THE KITCHEN THE CPI-400 CONTROLLER WILL START AN OFF DELAY TIMER (15 MINUTES). DURING THIS TIME DURATION THE EXHAUST FAN (EF-1) AND RELAY (R6) FOR THE MAKE UP AIR / REPLACEMENT AIR FAN (EVAPORATOR FAN) IN RTU-1 AND RTU-2 WILL REMAIN ON. AFTER THE TIME DURATION HAS ELAPSED THE EF-1 AND R6 COMPONENTS WILL TURN OFF. **OFF DELAY TIMER IS ADJUSTABLE VIA CPI-400 BUILT-IN DISPLAY SCREEN.

HOOD STAT

IN THE EVENT OF A RISE IN TEMPERATURE ABOVE 100°F IN THE EXHAUST HOOD, CONTROL VOLTAGE WILL BE SENT TO THE CPI-400 WHICH WILL IMMEDIATELY ACTIVATE EXHAUST FAN (EF-1) AND RELAY (R6). WHEN ACTIVATED, MOTOR STARTER EF-1 CONTACTS CLOSE PROVIDING POWER TO EXHAUST FAN MOTOR. IT ALSO CLOSES AUXILIARY CONTACTS THAT TURN ON THE EXHAUST HOOD LIGHTS. UPON ACTIVATION OF RELAY R6, THE CONTACTS FOR RTU-1 AND RTU-2 CLOSE, RETURNING 24VAC TO THE EVAPORATOR FAN CONTROLLER OF EACH UNIT.

WHEN IN UNOCCUPIED MODE AND UPON DROP IN TEMPERATURE BELOW 100°F IN THE EXHAUST HOOD, CONTROL VOLTAGE TO THE CPI-400 IS DROPPED AND STARTS THE OFF DELAY TIMER MENTIONED IN THE "EXHAUST FAN (EF-1) AND MAKE UP AIR RELAY (R6) OFF DELAY TIMER NOTES ABOVE)

EXTERIOR LIGHTS

<u>LIGHTS ON:</u> LIGHTING IN BOTH ZONE 1 AND ZONE 2 SHALL TURN ON WHEN BOTH TIME OF DAY SCHEDULE AND EXTERIOR LIGHT LEVEL AGREE.

<u>LIGHTS OFF:</u> LIGHTING IN ZONE 1 AND ZONE 2 SHALL TURN OFF WHEN EITHER THE TIME OF DAY SCHEDULE OR EXTERIOR LIGHT LEVEL AGREE.

OVERRIDE: THE MOMENTARY ILLUMINATED PUSHBUTTONS INSTALLED ON DOOR OF THE CPI SWITCHGEAR SHALL TURN LIGHTS ON OR OFF REGARDLESS OF WHETHER THE TIME OF DAY SCHEDULE OR EXTERIOR LIGHT LEVELS. WHEN THE OVERRIDE IS USED TO TURN ON THE LIGHTS, THE CPI-400 SHALL TURN THE LIGHTS OFF AGAIN WITHIN AN HOUR AND THE OVERRIDE FUNCTION SHALL BE DEACTIVATED. WHEN THE OVERRIDE IS USED TO TURN LIGHTS OFF, THE NEXT SCHEDULED TIME OF DAY OR EXTERIOR LIGHT LEVEL EVENT SHALL DEACTIVATE THE OVERRIDE FUNCTION AND THE SYSTEM SHALL RETURN TO NORMAL FUNCTION.

UNITIZED SWITCHGEAR WITH INTEGRATED CONTROLS SUPPLIER:

CAROLINA PRODUCTS, IN (704) 364-9029 (PH) (704) 367-1215 (FAX)

PRIMARY CONTACT: TONY THORNTON EMAIL: TONYT@CPIPANELS.COM

07/18/18	REISSUED FOR BID
05/25/18	ISSUED FOR BID

CONTRACT DATE: 01.08.18
BUILDING TYPE: T40M-O
PLAN VERSION: DEC 2017

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Taco Bell 20711 DIXIE HWY.

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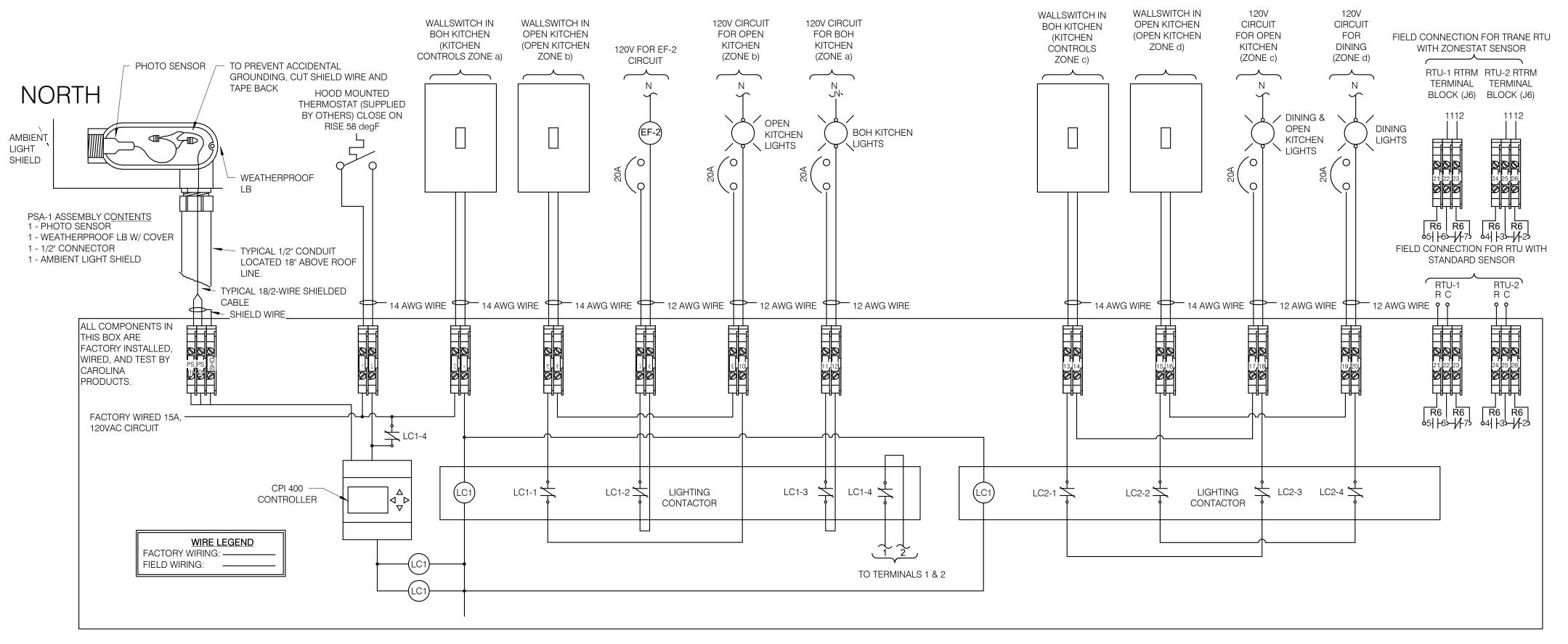


T40M-O
OPEN KITCHEN
MODERN EXPLORER

ELECTRICAL DETAILS - TBCCB

(FOR REFERENCE ONLY)

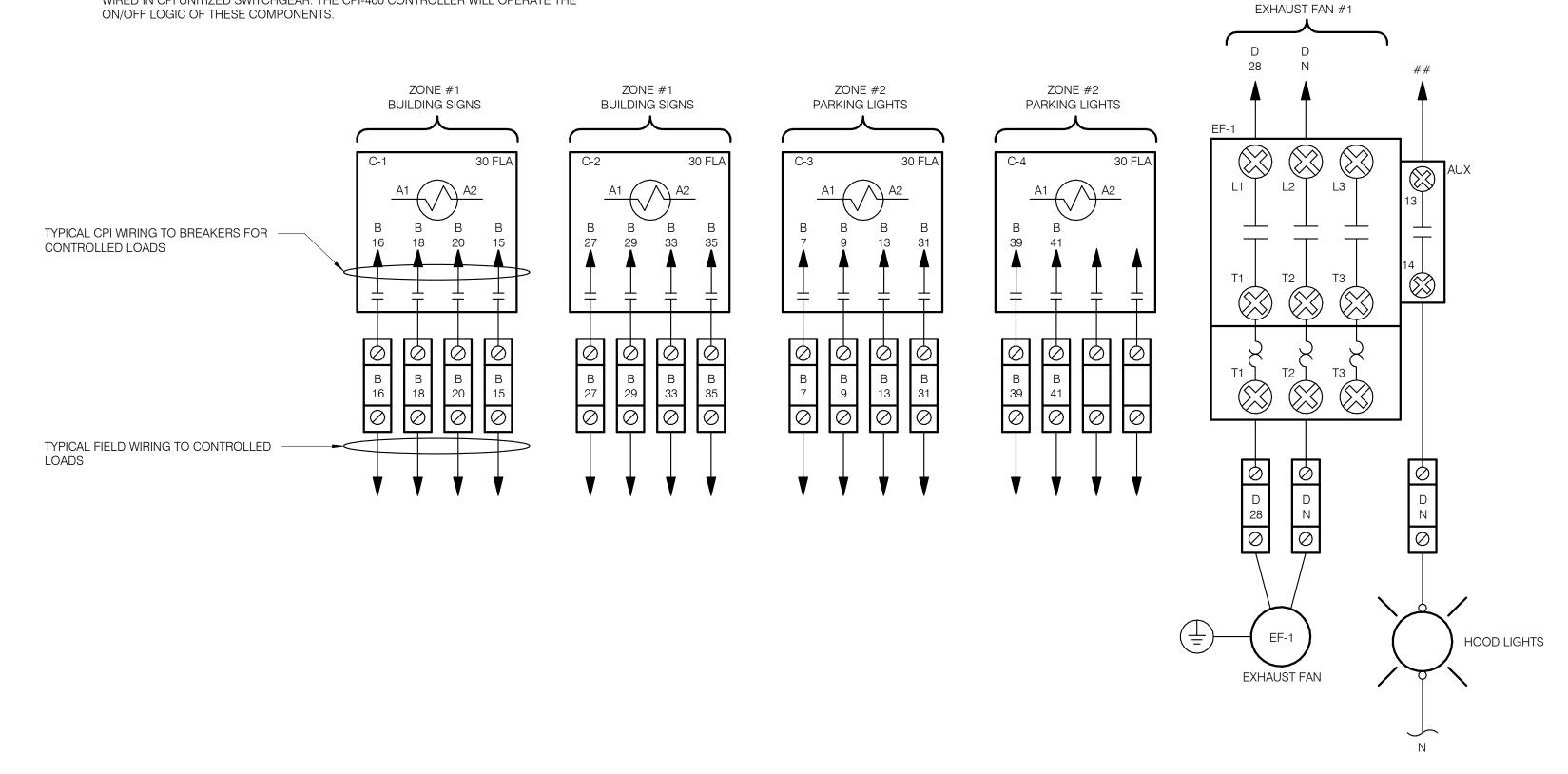
E6.0

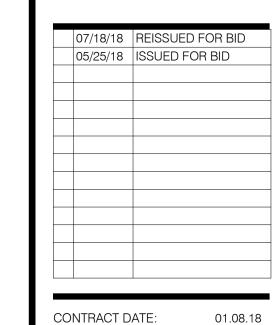




IMPORTANT NOTE:

ALL LIGHTING CONTACTORS AND EXHAUST FAN (EF-1) ARE FACTORY INSTALLED AND WIRED IN CPI UNITIZED SWITCHGEAR. THE CPI-400 CONTROLLER WILL OPERATE THE





520 South Main Street, Suite 2531

Akron, OH 44311 330.572.2100 Fax: 330.572.2102

CONTRACT DATE: 01.08.18
BUILDING TYPE: T40M-O
PLAN VERSION: DEC 2017
BRAND DESIGNER:
SITE NUMBER: 309797/420630

STORE NUMBER: 201

Taco Bell
20711 DIXIE HWY.
MIAMI, FL 33186

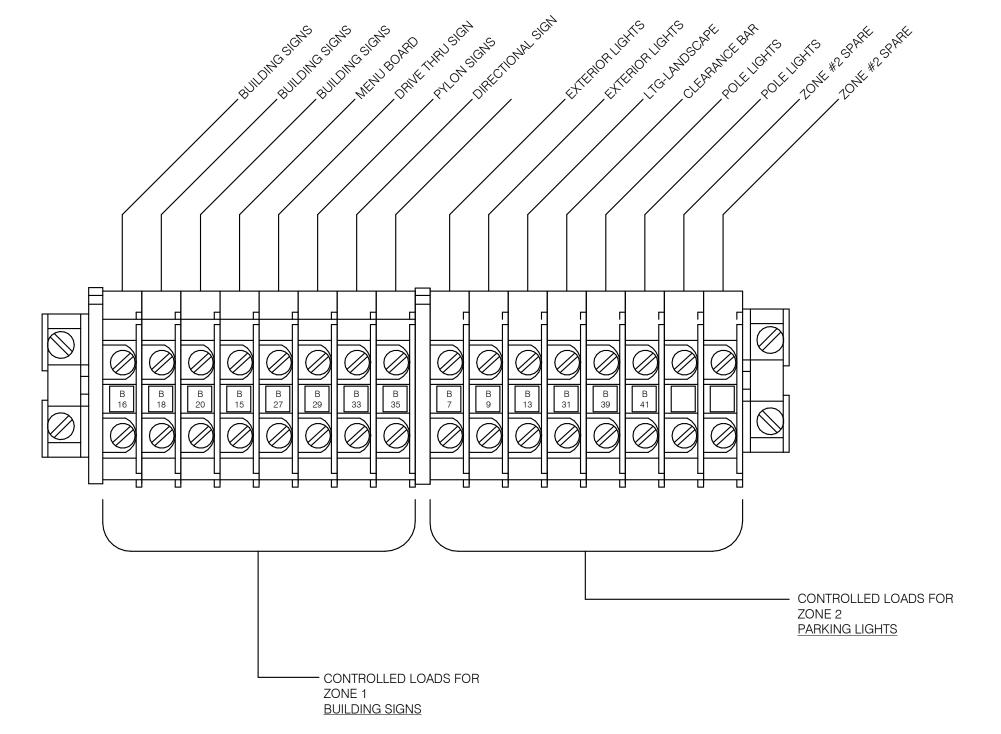


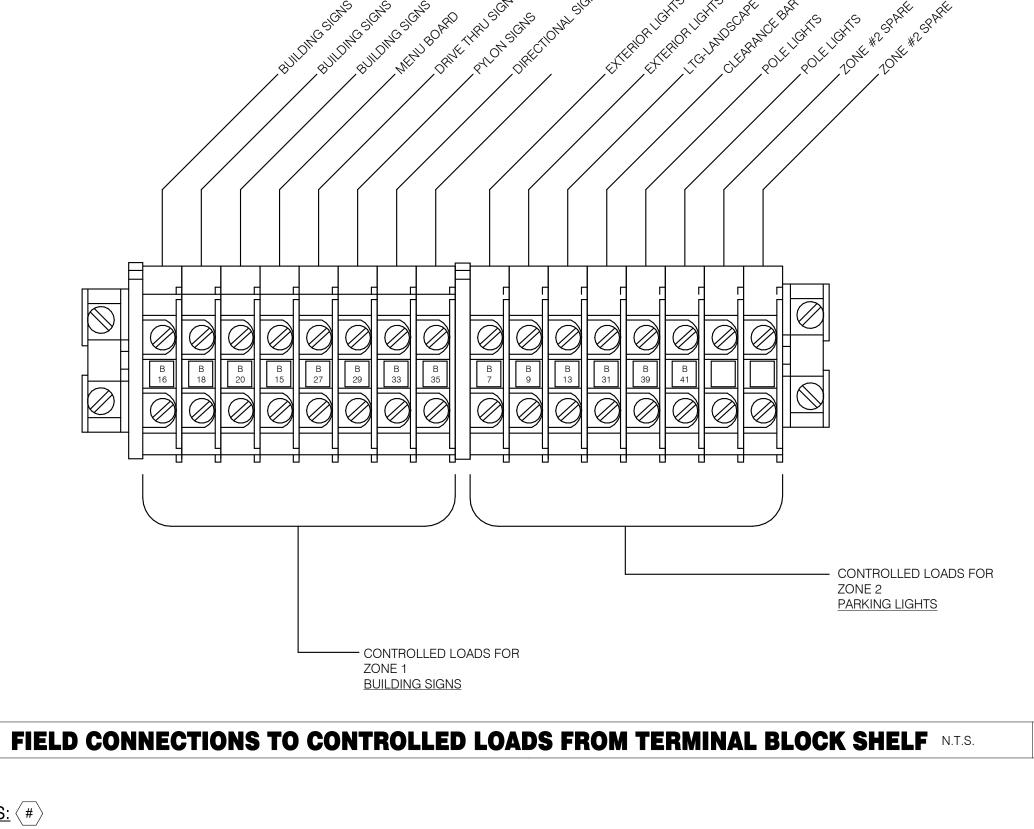
140IVI-U
OPEN KITCHEN
MODERN EXPLORER

ELECTRICAL DETAILS - TBCCB

(FOR REFERENCE ONLY)

E6.1







520 South Main Street, Suite 2531 Akron, OH 44311 330.572.2100 Fax: 330.572.2102

CONTRACT DATE: BUILDING TYPE: T40M-O PLAN VERSION: DEC 2017 BRAND DESIGNER: SITE NUMBER: 309797/420630

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> 20711 DIXIE HWY. MIAMI, FL 33186



OPEN KITCHEN MODERN EXPLORER

ELECTRICAL DETAILS - TBCCB (FOR REFERENCE ONLY)

* * * * * * * * * * * * * * REFER TO DETAIL 1 (E6.1) FOR FACTORY CONTROL WIRING FIELD CONNECTIONS TO TERMINAL BLOCKS N.T.S.

 $\underline{\mathsf{NOTES:}}\left\langle \mathtt{\#}\right\rangle$

NORMALLY OPEN DRY CONTACT IN HOOD MOUNTED THERMOSTAT. (CLOSE ON TEMP RISE 85deg F)

> WALLSWITCH IN BOH KITCHEN (KITCHEN CONTROLS, ZONA a)

> > - WALLSWITCH IN OPEN KITCHEN (OPEN KITCHEN, ZONE b)

1. FIELD CONNECTION FOR RTU WITH STANDARD SENSOR.

2. FIELD CONNECTION FOR TRANE RTU WITH ZONESTAT SENSOR.

WALLSWITCH IN OPEN KITCHEN (DINING, ZONE d)

/ WALLSWITCH IN OPEN KITCHEN (DINING & OPEN KITCHEN LTS,

NORTH **←**

PSA-1 ASSEMBLY CONTENTS

1 - 1/2" CONNECTOR 1 - AMBIENT LIGHT SHIELD

1 - PHOTO SENSOR 1 - WEATHERPROOF LB W/ COVER

LIGHT

SHIELD -

TO PREVENT ACCIDENTAL

PHOTO SENSOR

GROUNDING, CUT SHIELD WIRE AND

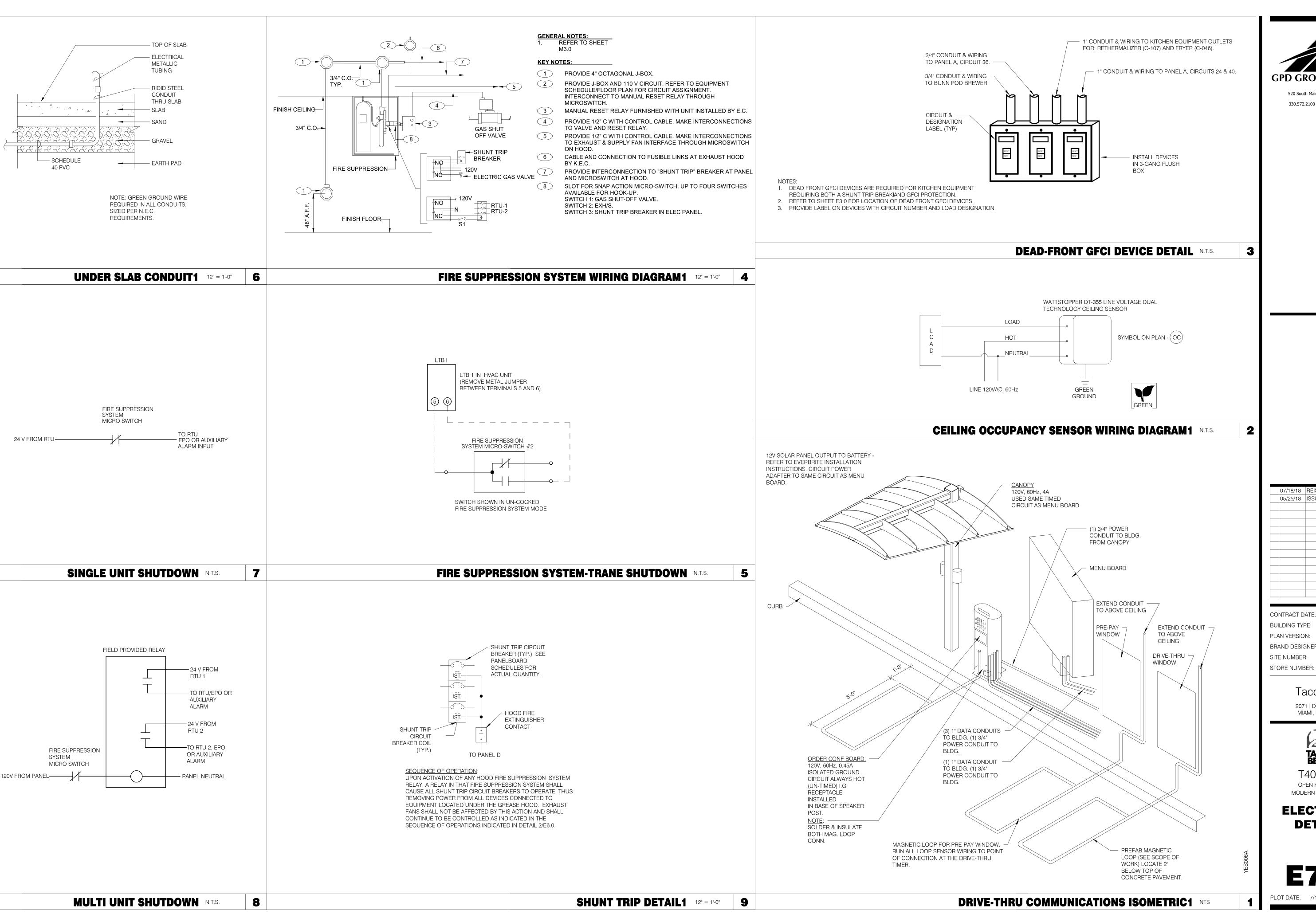
WEATHERPROOF LB

TYPICAL 1/2" CONDUIT LOCATED 18" ABOVE ROOF

TYPICAL 2-WIRE SHIELDED

--- SHIELD WIRE

CABLE



520 South Main Street, Suite 2531 Akron, OH 44311 330.572.2100 Fax: 330.572.2102

07/18/18 | REISSUED FOR BID 05/25/18 ISSUED FOR BID

> CONTRACT DATE: **BUILDING TYPE:** PLAN VERSION: BRAND DESIGNER: 309797/420630 SITE NUMBER:

> > Taco Bell

20711 DIXIE HWY. MIAMI, FL 33186

01.08.18

T40M-O

DEC 2017

2017088.04



T40M-O OPEN KITCHEN MODERN EXPLORER

ELECTRICAL DETAILS

| TITLE 6200 8341 10290-1 10290-2 10430 10536 10810 | Roof Access Ladder & Hatch (T50 only) Door - Security Air Curtain (D/T Window) Air Curtain (Service Door) Exterior Menu Board & Preview Board Housings Interior Menuboard Exterior Menuboard Strip, Interior Menu Board Panels, POP Signage (Bldg Signs, Road Signs, Directional Signs) | SUPPLIER Precision LockNet Marley Marley Everbrite Order Matic Corporation | MANUFACTURER'S MODEL FL 184 (Ladder) & PLHG (Hatch) DU3670L52VED E2400-1115FG E4200-1175 VARIES | A&D ITEM # B-049 (Ladder) & B-050 (Hatch) - B-151 B-150 | DIS | SHIPPED BY DIS RSCS DIS DIS | GC
GC
GC | SHOP DRAWINGS |
|--|--|--|--|---|--|------------------------------------|--|------------------|
| 8341
10290-1
10290-2
10430
10536 | Door - Security Air Curtain (D/T Window) Air Curtain (Service Door) Exterior Menu Board & Preview Board Housings Interior Menuboard Exterior Menuboard Strip, Interior Menu Board Panels, POP | LockNet Marley Marley Everbrite Order Matic Corporation | DU3670L52VED
E2400-1115FG
E4200-1175 | -
B-151 | RSCS | | GC | |
| 10290-1
10290-2
10430
10536 | Air Curtain (D/T Window) Air Curtain (Service Door) Exterior Menu Board & Preview Board Housings Interior Menuboard Exterior Menuboard Strip, Interior Menu Board Panels, POP | Marley Marley Everbrite Order Matic Corporation | E2400-1115FG
E4200-1175 | | | DIS DIS | | |
| 10290-2
10430
10536 | Air Curtain (Service Door) Exterior Menu Board & Preview Board Housings Interior Menuboard Exterior Menuboard Strip, Interior Menu Board Panels, POP | Marley Everbrite Order Matic Corporation | E4200-1175 | | DIS | DIS | GC | + |
| 10430
10536
10810 | Exterior Menu Board & Preview Board Housings Interior Menuboard Exterior Menuboard Strip, Interior Menu Board Panels, POP | Everbrite Order Matic Corporation | | _B-100 | IDIO | 1010 | | |
| 10536 | Interior Menuboard Exterior Menuboard Strip, Interior Menu Board Panels, POP | Order Matic Corporation | | _ | CM (Company), CM or DIS | Manufacturer | Federal Heath Sign Co or GC | - x |
| 10536 | Exterior Menuboard Strip, Interior Menu Board Panels, POP | | VARIES | | (Franchise) | | , seed on the seed of the seed | |
| 10536 | | VGS | VGS #MB-MBD-I-10P | L-016 | | Manufacturer | GC | |
| 10536 | Signage (Bldg Signs, Road Signs, Directional Signs) | Taco Bell Marketing (represents supplier "Archway") | - | - | RSCS | DIS | OPS | |
| 10810 | | Everbrite | VARIES
VARIES | VARIES
VARIES | CM (Company), CM or DIS | Manufacturer | Manufacturer (Local Installer) | X |
| 10810 | | | VARIES | VARIES | (Franchise) | | | |
| 10810 | | | VARIES | VARIES | 1 | | | |
| | Canopies / Slat Walls /Flying Arches | Everbrite | VARIES | | CM (Company), CM or DIS | Manufacturer | Manufacturer (Local Installer) | X |
| | | | VARIES | VARIES | (Franchise) | | | |
| | | | VARIES
VARIES | VARIES
VARIES | 4 | | | |
| 11020-1 | Restroom Accessories | Accuserv | VARIES | F-452 (if indicated in plan set), B-241, B-265, B-275, B-290 (where occurs), B-291 (where | DIS | DIS | GC | |
| | Safe | Brinks | Tidel Series 4 (duel single note validator, standard | occurs), B-300, B-305, B-405, B-410 | CM | BRINKS | BRINKS | + |
| 44000.0 | lo aurit. Out and | There | side vault) | | LOM | IM f f | | |
| 11020-2
11030-1 | Security System Drive-thru Window | Tyco
Quikserv | -
QKSRVSC4030BR | B-140 | CM
RSCS | Manufacturer Manufacturer | GC
GC | - X |
| 11030-3 | Drive-thru Clearance Bar / Portal | Everbrite | - QKOKVOC4030BK | - | | Manufacturer | GC | + |
| | Dive and creatained bar / Fortai | Everbine | - | - | 1 | | | |
| | | | - | - |] | | | |
| 11000 1 | Drive that Concerts | EDC Dordo Inc | -
NAMO474 | <u>-</u> | Mon. fo -t | I Marsufa atomo | 166 | |
| 11030-4
11100-3 | Drive-thru Sensor Loops | ERC Parts Inc. | WX8171 | -
VARIES | Manufacturer TB / IT | Manufacturer Manufacturer | GC
SSP | - Y |
| 11100-3 | P.O.S. | NCR | - | VARIES | 1'5'' | ivianulaciul el | | ^ |
| | | PAR | | VARIES | <u>1</u> | | | |
| 11100-4 | Credit Card Payment System | Hughes Network Systems | - | | TB/IT | Manufacturer | SSP | |
| 11300-1 | Order Confirmation Board (OCB) | Delphi Display Systems | P6YUC5STDUSVV1S; P6YOCSSTDUSEN1S | - | DIS | DIS | GC (see Scope of Work notes) | |
| | | Hyperactive Tevas Digital | TDMHX2H01TCB;TDMHX1H26 | L-090
L-095 | 4 | | | |
| 11300-2 | Drive-thru Speaker & Microphone | Texas Digital HME | AVNGE60
C400005HS3TB; C11422TB | U-011; S-204 | DIS | Manufacturer | GC | + |
| 11000-2 | Divo and opeanor a micropriorio | 3M Food Services Trad Dept | 78691149153; G55HSSINGLE | - | 1515 | Trialianacial of | | |
| 11300-4 | Order Confirmation Board (OCB) Canopy | Everbrite | 823NI6INX4X9CPY | V-350 | | Manufacturer | GC (see Scope of Work notes) | X |
| | | | E005749B
500115671 | | behalf of Franchisee | | | |
| 11400-1 | Kitchen Equipment | RSCS (Company stores only) | TBCAN9246
VARIES | VARIES | DIS | DIS | GC (see General Comments) | <u> </u> x |
| | Transfer Equipment | Trees (company diares only) | VARIES | VARIES | 1510 | | Co (see Central Comments) | ^ |
| 11400-5 | GTO with EVO Production Line | Delfield | VARIES | VARIES | DIS | DIS | GC / Manufacturer (Local Installer) | X |
| | | Duke | VARIES | VARIES |] | | | |
| 11105 2 | Vitab on Shaking (\\Alarkstations | Carter Hoffman (EvO cabinets) | VARIES
VARIES | VARIES
VARIES | Die | Die | 100 | |
| 11405-3
11405-4 | Kitchen Shelving / Workstations Walk-In Cooler / Freezer (Panelized) | I.S.S.
I.C.S. | VARIES | VARIES | ICC IDIO | Manufacturer | GC or Manufacturer (up to CM's discretion) | - - |
| 111400-4 | Walk-III Cooler / Freezer (Faricized) | Norlake | VARIES | VARIES | 100 | I Wand acture | CO of Interiorical (up to ON 3 discretion) | ^ |
| _ | | Kolpak | VARIES | VARIES | 1 | | | |
| 11425 | Exhaust Hoods | Stratovent (preferred supplier) | VARIES | VARIES | DIS | DIS | GC | X |
| | | Gaylord Industries (Broiler hood, preferred supplier) | VARIES | VARIES | 4 | | | |
| 11430-2 | Drink Dispensers / Line Sets | Randell (alternate supplier) Pepsi | VARIES | VARIES | RSCS | Pepsi | Pepsi (Local installer) | + |
| 11435-6 | Ice Machines | Manitowoc Ice Inc & Hoshisaki | Manitowac SY-1474C | S-513 | | Manufacturer | Manufacturer (Local Installer) | + |
| 11680 | Office Computer (Taco System) | En Pointe Global Services | VARIES | F-040, F-060 | TB/IT | SSP | SSP | |
| 12100-1 | Artwork | Creative Palette | VARIES | | DIS | DIS | GC | |
| 12122 | | Clark and Riggs Printing | VARIES | <u> </u> - | IDIO. | 1212 | | |
| 12400-5 | Décor | iDx for transformational | VARIES
VARIES | - | -IDIS | DIS | GC | X |
| | | | VARIES | + | 4 | | | |
| | | | VARIES | + | 1 | | | |
| | | | VARIES | VARIES | | | | |
| 12430 | Fruitista Machine | Equipment Delivery, Install and Activation | VARIES | VARIES | DIS - Equipment; GC - | DIS | Service Agents - ICEE (East) or RepTec (West) | |
| | | FBD Equipment Manufacturer | VARIES
VARIES | VARIES
VARIES | Installation & Setup (notify vendor 2 weeks from install | | | |
| | | Taco Bell Engineering | VARIES | VARIES | date) | | | |
| 12440 | Iced Tea | Tetley | E56150000 | S-546 | <u>'</u> | Supplier | GC / Supplier | 1 |
| | | | | | | · | | 1 |
| | | | | | 4 | | | |
| 13200 | CO2 - Bulk | MVE (bulk tank) | VARIES | S-580 | DIS | DIS | Manufacturer (Local Installer) | + |
| | | NU CO2 (CO2 and service) | VARIES | S-580 | | | | |
| 13700-4 | CCTV | MARTCO | - | | RSCS | MARTCO | MARTCO | X |
| 13800-1 | Lighting Control Panel - Exterior | Accuserv | Cooper LT16 | <u> </u> - | DIS | DIS | GC | |
| 13800-2 | Exhaust Fan - Make Up Air Interlock & Interior Lighting Control Pan | · · · · · · · · · · · · · · · · · · · | TBCB-1 | + | Contractor | Air Care | Air Care | + |
| 13900-1
15410 | Fire Suppression System Hand Sinks | Ansul
Aero | -
HS-Mod | -
N-053 | Tols | TDIS | GC (Local Installer) | + |
| 15470-5 | Water Filter | Shurflo | WB6-M3-22-003 | | DIS | Manufacturer | GC (see Vendor Scope - Pepsi Drink System) | + |
| 15480-3 | Water Heater | AO Smith (standard) | AO Smith BTH-120 (standard) | B-215 | | RSCS | GC Specific | + |
| | | Bradford White (alternate) | <u> </u> | B-215 | 1 | | | |
| 45500 4 | Water softener | To at and Delegate Control | - | <u>-</u> | | RSCS | IGC | lv |
| 15500-1 | HVAC - Test and Balance | Test and Balance Corp. Melink Corp/ | | + | Determined by CM or RCM; Approved options - GC | ; Determine by CM or RCM; Approved | Determined by GC / CM / RCM | ^ |
| | | Air Care Experts | - | - | CM/RCM | options - GC CM/RCM | ϵ | |
| 15700-1 | HVAC | Trane (Company stores) | VARIES | <u>-</u> | GC | Manufacturer | GC | X |
| | | York International (Franchise only) | VARIES | - | | | | |
| 16300-1 | Switchgear - Franchisee | Accusery | Square-D and Cutter Hammer | VARIES | DIS | DIS | GC | X |
| 16300-2 | Switchgear - Company | Accuserv | Square-D and Cutler Hammer | VARIES | GC or RSCS (confirm with CM at time of bid) | GC | GC | X |
| 16500 | Light Fixtures - Interior and Building | Capital Light | VARIES | - | Accusery - DIS; Genesis | Accusery - DIS: | †GC | x |
| TIOUUU | | | VARIES | - | | Genesis - GC | | |
| 10000 | Light Fixtures - Site | Accuserv | VARIES | - | DIS | DIS | GC | |
| 16520 | Tolophana Communications | YUM! Telecom (Company stores) | - | - | TB | Manufacturer | Manufacturer (Local Installer) | X |
| | Telephone Communications | | · · · · · · · · · · · · · · · · · · · | | | T | · · · · · · · · · · · · · · · · · · · | |
| 16520
16720 | | By owner through local phone service provider (franchise) | - | | Franchisee | Manufacturer Manufacturer | Manufacturer (Local Installer) | 7 |
| 16520 | Music System Coffee Brewer | | -
-
42300.0008 | -
F-131
S-547 | ТВ | Manufacturer Manufacturer RSCS | · · · · · · · · · · · · · · · · · · · | x |

Mark S. Salopek,

3638 West Galloway Drive Richfield, OH 44286 330.572.2100 Fax: 330.572.2102

| 7/18/18 | REISSUED FOR BID |
|---------|------------------|
| 5/25/18 | ISSUED FOR BID |
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| | |

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PLAN VERSION: DEC 2017
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03.06.18

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TACO BELL 20711 S DIXIE HWY. MIAMI, FL 33186



T40 OPEN KITCHEN MODERN EXPLORER

SCOPE OF WORK MATRIX

SW1.0PLOT DATE: 7/18/2018 1:06:43 PM