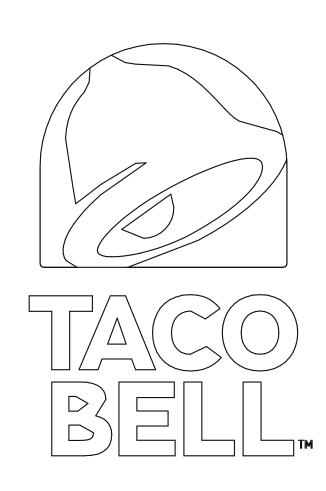
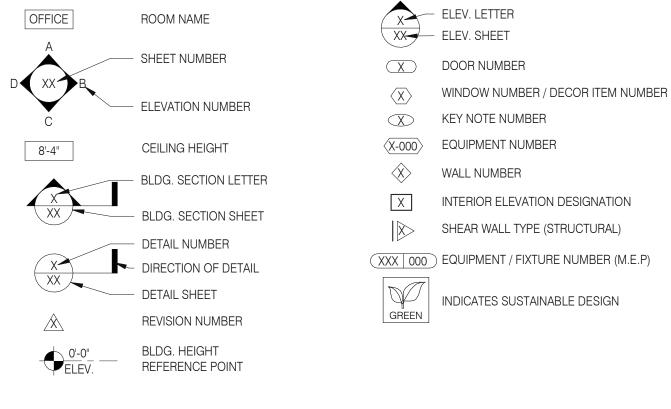
# 5964 West Modglin Dr. Greenfield, IN 46140

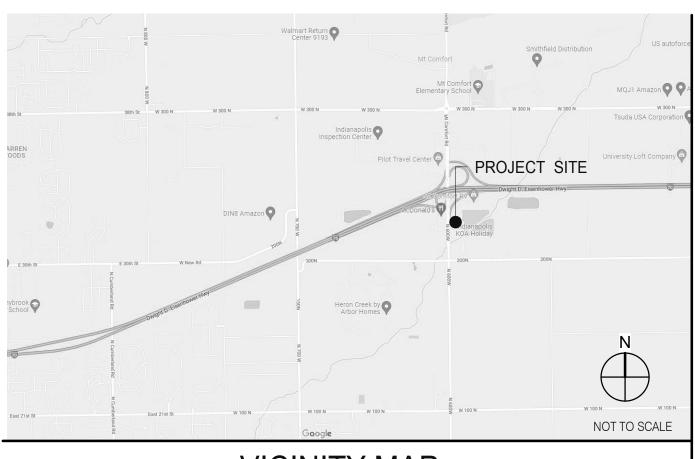


- A. ALL WORK SHALL CONFORM TO THE 2014 EDITION OF THE INDIANA BUILDING CODE (2012 IBC), AND ALL OTHER APPLICABLE CODES, STANDARDS, AND REGULATIONS OF THE COUNTY OF HANCOCK
- B. IT IS INTENDED THAT A COMPLETE OCCUPIABLE BUILDING PROJECT IS PROVIDED.
- C. THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION (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 OCTOBER 26, 2021 PREPARED BY GPD GROUP, INC. AND IS INCLUDED IN
- E. THIS BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH THE RECOMMENDATIONS OF A GEOTECHNICAL INVESTIGATION DATED JANUARY 27, 2021 PREPARED BY ALT & WITZIG ENGINEERING, INC. 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.
- F. 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 TACO BELL CORPORATE BRAND DESIGNER OR 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.
- J. 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
- 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
- N. ALL MATERIALS STAGED TO BE USED FOR CONSTRUCTION SHALL BE PROTECTED FROM EXCESSIVE MOISTURE. IF THEY ARE EXPOSED TO MOISTURE THEY SHOULD BE ADEQUATELY DRIED AND INSPECTED FOR COMPLIANCEWITH MINIMUM QUALITY STANDARDS BEFORE ENCAPSULATED INTO THE BUILDING.
- O. ALL PAINTS, ADHESIVES, COATINGS AND SEALANTS USED INSIDE THE BUILDING SHALL HAVE A LOW VOC CONTENT.



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

# GENERAL DRAWING SYMBOLS



**VICINITY MAP** 

BUILDING CODE:	2014 INDIANA BUILDING CODE	
ACCESSIBILITY:	ICC / ANSI A117.1-2009	
MECHANICAL:	2014 INDIANA L MECHANICAL CODE	
PLUMBING: ELECTRICAL:	2012 INDIANA PLUMBING CODE 2009 INDIANA ELECTRIC CODE	
FIRE:	2014 INDIANA FIRE CODE	
ENERGY:	2010 INDIANA ENERGY CONSERVATION	ON CODE
	0.000 0 F 00000	
<u>BUILDING AREA:</u> SEATING:	2,090 S.F. GROSS 20 INTERIOR, 10 EXTERIOR	
OCCUPANCY:	A2	
	: TYPE VB - UNPROTECTED	
	ADEA	FACTOR COOLIDANTO
<u>IYPE</u> DINING ROOM	· · · · · · · · · · · · · · · · · · ·	<u>FACTOR</u> <u>OCCUPANTS</u> 1:15 S.F. (NET) 30
QUEUING		1:5 S.F. (NET) 12
KITCHEN		1:200 S.F. (GROSS) 6
OFFICE		1:100 S.F. (GROSS) 1
ACCESSORY STORAGI		1:300 S.F. (GROSS) 1
CCESSORY RESTRO	DMS & PASSAGE 283 S.F.	0 (GROSS) 0
OTAL		50
	DDQ IEQT	011111111111111111111111111111111111111
	PROJECT	SUMMARY
# PHONE LINES:	25 PAIR CABLE IN 2" CONDUIT	
ELECTRIC SERVICE:	600 AMPS / 3 PHASE / 120-208 VOLT	
BAS:	750,000 BTUH	
VIND SPEED:	90 M.P.H. / EXPOSURE B	
<u>EARTHQUAKE ZONE:</u> ROOF LIVE LOAD:	<u>A</u> 25 P.S.F.	
ROOF LIVE LOAD:	20 P.O.F.	
CURRENT ZONING B-2	, COMMUNITY BUSINESS DISTRICT	- CRITERIA
		FOR TACO BELL USE/APPROVAL ONLY
		— USE/AFFROVAL UNLY
		BUILDING S.F.: 2,090 S.F.  SITE SIZE: 33,542 S.F.  PARKING COUNT: 36  INT. SEATING: 20  EXT. SEATING: 10  KIOSK COUNT: 4  D.M.B.: YES  DT DMP: YES  DT DPB: YES
REFER TO CIVIL DRAW	INGS.	_
	LEGAL DE	SCRIPTION
OWNER  YUM! BRANDS, INC. 1900 COLONEL SAND LOUISVILLE, KY 4021		ARCHITECT  GPD GROUP, INC. 520 S. MAIN STREET, SUITE 2531  AKRON, OH 44311  CONTACT: JEREMY WHITE

LEGAL JURISDICTION: HANCOCK COUNTY BUILDING DEPARTMENT

OWNER  YUM! BRANDS, INC. 1900 COLONEL SANDERS LANE LOUISVILLE, KY 40213 CONTACT: STEVE PULCHEON PHONE: 949.863.3864	ARCHITECT  GPD GROUP, INC. 520 S. MAIN STREET, SUITE 2531 AKRON, OH 44311 CONTACT: JEREMY WHITE PHONE: 330.572.2100
CONSTRUCTION MANAGER  YUM! BRANDS, INC. 1900 COLONEL SANDERS LANE LOUISVILLE, KY 40213 CONTACT: STEVE PULCHEON PHONE: 949.863.3864	STRUCTURAL ENGINEER  GPD GROUP, INC. 520 S. MAIN STREET, SUITE 2531  AKRON, OH 44311  CONTACT: JEREMY WHITE  PHONE: 330.572.2100
CIVIL ENGINEER  GPD GROUP, INC. 520 S. MAIN STREET, SUITE 2531 AKRON, OH 44311 CONTACT: SARAH MCGOWAN PHONE: 330.572.2100	M/E/P ENGINEER  GPD GROUP, INC. 520 S. MAIN STREET, SUITE 2531  AKRON, OH 44311  CONTACT: JEREMY WHITE  PHONE: 330.572.2100
GEOTECHNICAL ENGINEER  ALT & WITZIG ENGINEERING, INC. 4105 WEST 99TH STREET CARMEL, IN 46032 CONTACT: BRIAN A. WIRT CONTACT: 317.845.7000	CIVIL ENGINEER  GPD GROUP, INC. 520 S. MAIN STREET, SUITE 2531 AKRON, OH 44311 CONTACT: JEREMY WHITE PHONE: 330.572.2100

# PROJECT DIRECTORY

SEWER WESTERN HANCK UTILITIES, dba AQUA INDIANA, INC.  CONTACT: JIM SHIELDS PHONE: 317.577.1390	TELEPHONE NINESTAR CONNECT 2243 EAST MAIN STREET GREENFIELD, IN 46140 PHONE: 317.326.3131
WATER NINESTAR CONNECT 2243 EAST MAIN STREET GREENFIELD, IN 46140 CONTACT: ALAN MARTIN PHONE: 770.387.5653	
CENTERPOINT ENERGY 101 W OHIO ST INDIANAPOLIS, IN 46204 CONTACT: BRIAN GILDEA PHONE: 812.568.2153	
ELECTRIC  DUKE ENERGY 1000 E. MAIN STREET  PLAINFIELD, IN 46168  CONTACT: JOE NEUENSCHWANDER  PHONE: 317.468.5497	

UTILITY CONTACTS

	SHEET ISSUED ON DATE INDICATED, WITH MODIFICATIONS SHEET ISSUED ON DATE INDICATED, NO MODIFICATIONS	0			\^2				
TITLE	E/GEN. CONDITIONS	03.11.22	03 22 22	il 75	4 05 22				
1.0	TITLE SHEET	•				C			GPD GROUP, INC
91.0 92.0	GREEN CHECKLIST SHEET TRASH ENCLOSURE DETAILS				0				
33.0	PEST PREVENTION GUIDE	•	0		0				520 S. MAIN STREET, SUIT 253 AKRON, OH 4431 330.572.2100 FAX: 330.572.210
94.0 94.1	SIGNAGE PLAN SIGNAGE DETAILS							+	330.572.2100 FAX: 330.572.210
	E SHEET COUNT: 6	•	Ŏ	Ö	_				
STRI	JCTURAL								
31.0	FOUNDATION PLAN							+	
S2.0	WALL FRAMING PLAN			00					
33.0	ROOF FRAMING PLAN	•	•						
34.0 34.1	STRUCTURAL DETAILS STRUCTURAL DETAILS				00			+	
34.2	STRUCTURAL DETAILS	•	0		0				
34.3 34.4	STRUCTURAL DETAILS STRUCTURAL SECTIONS				0				
4.5	CANOPY PLAN & DETAILS	•	0		0				
S5.0 STRUCTI	CANOPY/AWNING BLOCKING ELEVATIONS  JRAL SHEET COUNT: 10		10		10				<b>  </b>
CIVIL	L DRAWINGS FOR SHEET INDEX.							$\perp$	
1.0	HITECTURAL FLOOR PLAN							+	$oxed{H}$
1.1	DOOR & WINDOW ELEVATIONS & SCHEDULES		0	0	0	C		1	
2.0 2.1	EQUIPMENT AND SEATING PLAN EQUIPMENT SCHEDULE		0	00	0			+	+
3.0	ROOF PLAN	•				C			
4.0 4.1	EXTERIOR ELEVATIONS  EXTERIOR ELEVATIONS		0		00			+	
5.0	BUILDING SECTIONS	•	Ŏ		10			1	
5.1 5.2	BUILDING SECTIONS WALL SECTIONS		0		0			+	
5.3	WALL SECTIONS	•	0						
.5.4 .6.0	WALL SECTIONS  CONSTRUCTION DETAILS ROOF	•		000	10	ΙC	1	_	
6.1	CONSTRUCTION DETAILS DOOR/WINDOW	•	0		0	C			
6.2	CONSTRUCTION DETAILS WALL FINISH DETAILS	•	0		0				
.6.3 .6.4	CONSTRUCTION DETAILS INTERIOR			0					
6.5	CEILING DETAILS	•	10		10	ΙC	1		
.6.6 .7.0	HARDIE BOARD DETAILS FLOOR FINISH PLAN								
7.1	REFLECTED CEILING PLAN	•	0		0				
\7.2 \8.0	FINISH SCHEDULE INTERIOR ELEVATIONS DINING ROOM		0	00	0			+	
\8.1	INTERIOR ELEV. ENLARGED RESTROOMS & OFFICE PLAN	•	10		10	)C			
\8.2 \8.3	INTERIOR ELEVATIONS KITCHEN INTERIOR ELEVATIONS KITCHEN	•		000	0			+	
\9.0	PATIO DETAILS	•	Ŏ	Ŏ	Ŏ	Č			
	CTURAL SHEET COUNT: 27								
ACCI	ACCESSIBILITY REQUIREMENTS							_	DATE REMARK
DA1.1	ACCESSIBILITY REQUIREMENTS			C					03.11.22 Issued for Pe
	BILITY SHEET COUNT: 2								1 03.22.22 Rev #1 - Coul Utility Comme
	HANICAL								2 03.31.22 Rev #2 - Cour Utility Comme
/11.0 //2.0	MECHANICAL SCHEDULES AND NOTES DUCT AND DIFFUSER PLAN	•			0				04.29.22 Issued for Bid
12.1	MECHANICAL ROOF PLAN				0				0017040774
13.0 14.0	HOOD DETAILS AND SECTIONS MECHANICAL DETAILS		0					+	CONTRACT DATE: 01
14.0 15.0	CONTROLS DETAILS							$\pm$	BUILDING TYPE: END. N
	ICAL SHEET COUNT: 6								PLAN VERSION: MARCH
IECHAN	MBING								BRAND DESIGNER: DIC
ECHAN	PLUMBING SCHEDULES AND NOTES				0			+	SITE NUMBER: 3
ECHAN PLUN 1.0	WASTE AND VENT PLAN		tΚ	ŏ	000	ĮČ			STORE NUMBER: 4
1.0 2.0 3.0	WATER AND GAS PLAN		1						PA/PM:
1.0 2.0 3.0 4.0	WATER AND GAS PLAN PLUMBING ROUGH-IN PLAN		10					l l	
1.0 2.0 3.0 4.0 5.0 6.0	WATER AND GAS PLAN PLUMBING ROUGH-IN PLAN RISER DIAGRAMS PLUMBING DETAILS	•	0	000	0				DRAWN BY.:
1.0 2.0 3.0 4.0 5.0 6.0 LUMBIN	WATER AND GAS PLAN PLUMBING ROUGH-IN PLAN RISER DIAGRAMS PLUMBING DETAILS IG SHEET COUNT: 6	•	0		0				
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1.0 2.0 3.0 4.0 5.0 6.0 LUMBIN	WATER AND GAS PLAN PLUMBING ROUGH-IN PLAN RISER DIAGRAMS PLUMBING DETAILS IG SHEET COUNT: 6		000	000	00	C			
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1.0 2.0 3.0 4.0 5.0 6.0 LUMBIN ELEC 1.0 2.0 2.1 2.2	WATER AND GAS PLAN PLUMBING ROUGH-IN PLAN RISER DIAGRAMS PLUMBING DETAILS IG SHEET COUNT: 6  CTRICAL  SITE ELECTRICAL PLAN ELECTRICAL ONE LINE DIAGRAMS AND LEGEND		000		000				JOB NO.: 20210
1.0 2.0 3.0 4.0 5.0 6.0 LUMBIN 2.0 2.1 2.2 3.0 3.1	WATER AND GAS PLAN PLUMBING ROUGH-IN PLAN RISER DIAGRAMS PLUMBING DETAILS IG SHEET COUNT: 6  CTRICAL  SITE ELECTRICAL PLAN ELECTRICAL ONE LINE DIAGRAMS AND LEGEND ELECTRICAL SCHEDULES ELECTRICAL SCHEDULES ELECTRICAL POWER PLAN ENLARGED POWER PLAN AND DETAILS		000		000000				JOB NO.: 20210  TACO BELL  5964 West Modglin Dr.
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1.0 2.0 3.0 4.0 5.0 6.0 LUMBIN 2.1 2.2 3.0 3.1 3.2 4.0 5.0 6.0 6.1 7.0 7.1	WATER AND GAS PLAN PLUMBING ROUGH-IN PLAN RISER DIAGRAMS PLUMBING DETAILS IG SHEET COUNT: 6  CTRICAL  SITE ELECTRICAL PLAN ELECTRICAL ONE LINE DIAGRAMS AND LEGEND ELECTRICAL SCHEDULES ELECTRICAL SCHEDULES ELECTRICAL POWER PLAN ENLARGED POWER PLAN AND DETAILS ELECTRICAL POWER ROOF PLAN LIGHTING PLAN AND DETAILS COMMUNICATIONS PLAN ELECTRICAL DETAILS - TBCCB ELECTRICAL DETAILS ELECTRICAL DETAILS ELECTRICAL DETAILS ELECTRICAL DETAILS								JOB NO.: 20210  TACO BELL  5964 West Modglin Dr.
1.0 2.0 3.0 4.0 5.0 6.0 LUMBIN 2.1 2.2 3.0 3.1 3.2 4.0 5.0 6.1 7.0 7.1	WATER AND GAS PLAN PLUMBING ROUGH-IN PLAN RISER DIAGRAMS PLUMBING DETAILS IG SHEET COUNT: 6  CTRICAL  SITE ELECTRICAL PLAN ELECTRICAL ONE LINE DIAGRAMS AND LEGEND ELECTRICAL SCHEDULES ELECTRICAL SCHEDULES ELECTRICAL POWER PLAN ENLARGED POWER PLAN AND DETAILS ELECTRICAL POWER ROOF PLAN LIGHTING PLAN AND DETAILS COMMUNICATIONS PLAN ELECTRICAL DETAILS - TBCCB ELECTRICAL DETAILS - TBCCB ELECTRICAL DETAILS								TACO BELL  5964 West Modglin Dr. Greenfield, IN 46140
1.0 2.0 3.0 4.0 5.0 6.0 LUMBIN 2.1 2.2 3.0 3.1 3.2 4.0 5.0 6.1 7.0 7.1 LECTRIC	WATER AND GAS PLAN PLUMBING ROUGH-IN PLAN RISER DIAGRAMS PLUMBING DETAILS IG SHEET COUNT: 6  CTRICAL  SITE ELECTRICAL PLAN ELECTRICAL ONE LINE DIAGRAMS AND LEGEND ELECTRICAL SCHEDULES ELECTRICAL SCHEDULES ELECTRICAL POWER PLAN ENLARGED POWER PLAN AND DETAILS ELECTRICAL POWER ROOF PLAN LIGHTING PLAN AND DETAILS COMMUNICATIONS PLAN ELECTRICAL DETAILS - TBCCB ELECTRICAL DETAILS - TBCCB ELECTRICAL DETAILS ELECTRICAL DETAILS CAL SHEET COUNT: 13		000		000000000000000000000000000000000000000				TACO BELL  5964 West Modglin Dr. Greenfield, IN 46140  ENDEAVOR 2.0
1.0 2.0 3.0 4.0 5.0 6.0 LUMBIN 2.1 2.2 3.0 3.1 3.2 4.0 6.1 7.0 7.1 LECTRIC	WATER AND GAS PLAN PLUMBING ROUGH-IN PLAN RISER DIAGRAMS PLUMBING DETAILS IG SHEET COUNT: 6  CTRICAL  SITE ELECTRICAL PLAN ELECTRICAL ONE LINE DIAGRAMS AND LEGEND ELECTRICAL SCHEDULES ELECTRICAL SCHEDULES ELECTRICAL POWER PLAN ENLARGED POWER PLAN AND DETAILS ELECTRICAL POWER ROOF PLAN LIGHTING PLAN AND DETAILS COMMUNICATIONS PLAN ELECTRICAL DETAILS - TBCCB ELECTRICAL DETAILS		000		00 000000000000000000000000000000000000				JOB NO.: 20210  TACO BELL  5964 West Modglin Dr.

SHEET INDEX

**SPECIFICATIONS** 

IN BOOK FORMAT



PLOT DATE: 4/28/2022 8:18:01 AM

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.

1. GO TO THE REFERENCE VERSION OF THE YUM BLUELINE WEBSITEAT: "WWW.YUMBLUELINE.COM"

2. IN THE "USER" SECTION CHOOSE "GENERAL" FROM THE PULL DOWN MENU

3. IN THE "PASSWORD" SECTION TYPE IN "J212J\*KLA!"

GPD GROUP, INC.*

= INDICATES THAT SCOPE IS ALREADY IN THE PROTOTYPE DRAWINGS = INDICATES THAT SCOPE IS ALREADY IN THE PROTOTYPE DRAWINGS = INDICATES OPTIONAL ITEMS INDICATES OPTIONAL ITEMS FORMALDEHYDE LIMITS 37.1 **RECYLING** (REQUIRED) 1.3 CONTAMINATED SITES (OPTIONAL) A. PROVIDE DEDICATED RECYCLING SPACE IN THE DINING ROOM, KITCHEN AND SITE. RECYCLING SHOULD MAXIMUM FORMALDEHYDE EMISSIONS IN PARTS PER MILLION IF YOU ARE DEVELOPING A SITE SUCH AS A GAS STATION THAT REQUIRES REMEDIAL WORK CHECK THIS BOX. ACCOMMODATE PLASTIC, PAPER AND OIL. B. SEE THE "TRASH ENCLOSURE STANDARDS" POSTED ON THE PLANS.YUM.COM. UNLESS APPROVED THE PRODUCT **CURRENT LIMIT** 1.4 LOCATION COMMITMENT (REQUIRED) "LARGE" VERSION SHOULD BE USED. COMMIT TO STAY IN THE SAME LOCATION FOR 10 YEARS OR MORE. HARDWOOD PLYWOOD VENEER CORE HARDWOOD COMPOSITE CORE 0.05 37.2 COOKING OIL RECYCLING (REQUIRED) 1.5 PAY UTILITIES DIRECTLY (REQUIRED) PARTICLE BOARD IF SITE IS LEASED INSURE THAT TACO BELL WILL PAY THE UTILITIES DIRECTLY RATHER THAN ALLOWING THE LANDLORD TO PAY THEM. THIS 0.09 COLLECT COOKING OIL AND PROVIDE TO A THIRD PARTY VENDOR FOR RECYCLING. WILL ALLOW TACO BELL TO TRACK UTILITY EXPENSES EASILY. MEDIUM DENSITY FIBER BOARD 0.11 THIN MEDIUM DENSITY FIBERBOARD 0.13 37.3 CARDBOARD RECYCLING (OPTIONAL) COLLECT USED CORRUGATED CARDBOARD AND PROVIDE TO A THIRD PARTY VENDOR FOR RECYCLING. 2.2 PROXIMITY TO BUS STOP (OPTIONAL) VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, AIR SITE IS WITHIN 1/4 A MILE OF A BUS STOP TOXIC CONTROL MEASURE FOR COMPOSITE WOOD AS TESTED IN ACCORDANCE WITH ASTM E 1333. 38. AIR VENTILATION (REQUIRED) 1. PROVIDE AIR VENTILATION AND EXHAUST RATES PER YUM BLUELINE. 3.0 BICYCLE FACILITIES (REQUIRED) THIN MEDIUM DENSITY FIBERBOARD HAS A MAXIMUM THICKNESS OF 5/15" 2. PROVIDE FRESH AIR PER YUM BLUELINE. 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. VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS (CONT.) GRAMS OF VOC PER LITER OF COATING, LESS WATER & LESS EXEMPT COMPOUNDS 39.1 NO SMOKING (REQUIRED) A. MAINTAIN A POLICY OF NOT SMOKING WITHIN THE RESTAURANT 5.1 PARKING (OPTIONAL) DO NOT EXCEED PARKING SPACES REQUIRED BY LOCAL ZONING. SEE CREDIT 5. PROVIDE 5% PREFERRED PARKING FOR CARPOOL. SPECIALTY COATINGS B. PROHIBIT SMOKING WITHIN 25 FEET OF THE RESTAURANT CURRENT VOC LIMIT 41.1 PROTECTION OF MATERIALS (REQUIRED) ROOF COATINGS 7.2 WHITE ROOF (REQUIRED) GC TO PROVIDE A IAQ MANAGEMENT PLAN WITH BID. START WITH THE PROTOTYPE TEMPLATE AND MODIFY AS RUST PREVENTATIVE COATINGS PROVIDE WHITE PVC SINGLE MEMBRANE ROOF MATERIAL. SHELLACS REQUIRED FOR SITE SPECIFIC CONDITIONS. CLEAR A. PROTECT HVAC SYSTEM 9.0 CONSTRUCTION POLLUTION CONTROL (REQUIRED) B. IMPLEMENT POLLUTION SOURCE CONTROL MEASURES A. CONSTRUCTION POLLUTION CONTROL PLAN. OPAQUE SPECIALTY PRIMERS, SEALERS & UNDER-COATINGS C. PROTECT STORED MATERIALS B. SILT FENCING STAINS D. PROTECT INSTALLED MATERIALS C. SITE VEHICULAR ACCESS STONE CONSOLIDANTS E. MAINTAIN CONSTRUCTION SITE HOUSEKEEPING D. WHEEL WASHING TRAFFIC MARKING COATINGS E. COVERED LOADS TUB & TILE REFINISH COATINGS 42. LOW EMITTING MATERIALS (REQUIRED) F. EXCAVATED SOIL STORAGE WATERPROOFING MEBRANES FINISH MATERIALS SHALL COMPLY WITH THIS SECTION: G. STORM WATER DRAIN, TRENCH AND PIT DRAIN PROTECTION ADHESIVES, SEALANTS AND CAULKS. ADHESIVES, SEALANT AND CAULKS USED ON THE PROJECT SHALL MEET THE H. TEMPORARY DIVERSION DITCHES AND BERMS WOOD COATINGS WOOD PRESERVATIVES REQUIREMENTS OF THE FOLLOWING STANDARDS UNLESS MORE STRINGENT LOCAL OR REGIONAL AIR POLLUTION DUST CONTROL ZINC-RICH PRIMERS OR AIR QUALITY MANAGEMENT DISTRICT RULES APPLY: J. EXPOSED SLOPE EROSION CONTROL 1. ADHESIVES, ADHESIVE BONDING PRIMERS, ADHESIVE PRIMERS, SEALANTS, SEALANT PRIMERS AND CAULKS K. WEEKLY CONTRACTOR INSPECTION GRAMS OF VOC PER LITER OF LITER OF COATING, INCLUDING WATER & EXEMPT COMPOUNDS SHALL COMPLY WITH LOCAL OR REGIONAL AIR POLLUTION CONTROL OR AIR QUALITY MANAGEMENT 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS REVISED LIMITS ARE LISTED IN SUBSEQUENT COLUMNS IN THE DISTRICT RULES WHERE APPLICABLE OR SCAQMD RULE 1168 VOC LIMITS. 10.2 BUILDING WATER (REQUIRED) PROVIDE PLUMBING FIXTURES AS SPECIFIED IN THE PROTOTYPE DRAWINGS, SPECIFICATIONS AND EQUIPMENT MODEL. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AREI RESOURCE BOARD, 2. AEROSOL ADHESIVES, AND SMALLER UNIT SIZES OF ADHESIVES, AND SEALANT OR CAULKING COMPOUNDS ARCHITECTURAL COATINGS SUGGESTED CONTROL MEASURE, FEB 1, 2008. MORE INFORMATION IS AVAILABLE (IN UNITS OF PRODUCT, LESS PACKAGING, WHICH DO NOT WEIGH MORE THAN 1 POUND AND DO NOT РΙ FROM THE AIR RESOURCES BOARD. ALL WATER USING EQUIPMENT SPECIFIED IN THE PROTOTYPE EQUIPMENT SCHEDULE SHALL BE USED FOR ALL GROUND-UP RESTAURANTS. CONSIST OF MORE THAN 16 FLUID OUNCES) SHALL COMPLY WITH SCAQMD. CURRENT VOC LIMIT COATING CATEGORY PAINTS AND COATINGS. ARCHITECTURAL PAINTS AND COATINGS SHALL COMPLY WITH VOC LIMITS IN SCAQMD. 12.1 LANDSCAPE DESIGN (REQUIRED) ALL LANDSCAPE DESIGNS FOR NEW GROUND-UP RESTAURANTS SHALL FOLLOW THE LANDSCAPE STANDARDS POSTED ON THE FLAT COATINGS AEROSOL PAINTS AND COATINGS. AEROSOL PAINTS AND COATINGS SHALL MEET SCAQMD REQUIREMENTS. PLANS.YUM.COM WEBSITE. NON-FLAT COATINGS 100 NON-FLAT HIGH GLOSS COATINGS VERIFICATION. THE GENERAL CONTRACTOR SHALL PROVIDED DOCUMENTATION TO THE CM. DOCUMENTATION 13.1 IRRIGATION WATER (REQUIRED) SEE LANDSCAPE SPECIFICATIONS 150 SHALL INCLUDE. BUT IS NOT LIMITED TO. THE FOLLOWING: A. PROGRAMMABLE IRRIGATION CONTROLLER. CURRENT VOC LIMIT 1. MANUFACTURER'S PRODUCT SPECIFICATION. B. SEPARATE IRRIGATION ZONES SPECIALTY COATINGS 2. FIELD VERIFICATION OF ON-SITE PRODUCT CONTAINERS. C. PROGRAM MAXIMUM IRRIGATION TIMING ALUMINUM ROOF COATINGS D. HIGH-EFFICIANCY IRRIGATION SPRINKLER HEADS BASEMENT SPECIALTY COATINGS ADHESIVE VOC LIMITS E. RAIN SENSOR BITUMINOUS ROOF COATINGS ARCHITECTURAL ADHEASIVE APPLICATIONS BITUMINOUS ROOF COATINGS PRIMER CURRENT VOC LIMIT 15.3 INTERIOR LIGHTING (REQUIRED) THE CURRENT LIGHTING SPECIFICATIONS SHALL BE USED FOR ALL GROUND-UP PROTOTYPE RESTAURANTS. **BOND BREAKER** CONCRETE CURING COMPOUNDS CERAMIC TILE 16.2 EXTERIOR LIGHTING (REQUIRED) CONCRETE / MASONRY SEALERS DRYWALL, PANEL & COVE BASE THE CURRENT LIGHTING SPECIFICATIONS SHALL BE USED FOR ALL GROUND-UP PROTOTYPE RESTAURANTS. DRIVEWAY SEALERS MUI TI-PURPOSE SINGLE PLY ROOFING DRY FOG COATINGS 250 FIRE RESISTIVE COATINGS 17.2 SIGN ILLUMINATION (REQUIRED) РΙ THE CURRENT SIGNAGE SPECIFICATIONS SHALL BE USED FOR ALL GROUND-UP PROTOTYPE RESTAURANTS. FLOOR COATINGS SPECIALTY APPLICATIONS CURRENT VOC LIMIT FORM-RELEASE COMPOUNDS 18.1 EXHAUST HOODS (REQUIRED) HIGH TEMPERATURE COATINGS PVC WELDING THE CURRENT 6'-3" BACK SHELF HOOD DESIGN AND EQUIPMENT PLACEMENT AS SHOWN IN THE GROUND-UP PROTOTYPE INDUSTRIAL MAINTENANCE COATINGS CPVC WELDING 490 LOW SOLIDS COATINGS ABS WELDING 325 RESTAURANT SHALL BE USED. MAGNESITE CONCRETE COATINGS PLASTIC CEMENT WELDING MASTIC TEXTURE COATINGS ADHESIVE PRIMER FOR WELDING 19.1 LICENSED HVAC ENGINEER (REQUIRED) 550 PRETREATMENT WASH PRIMER CONTACT ADHESIVE USE A LICENSED HVAC ENGINEER FOR SYSTEM SITE ADAPTATION. PRIMERS, SEALERS AND UNDERCOATS SPECIAL PURPOSE CONTACT ADHESIVE 250 STRUCTURAL WOOD MEMBER ADHESIVE REACTIVE PENETRATING SEALERS 19.2 OPTIMIZE HVAC DESIGN (REQUIRED) OPTIMIZE HVAC DESIGN SYSTEM PER YUM BLUELINE STANDARDS TOP & TRIM ADHESIVE 250 43.1 CONTROLLED BUILDING MATERIAL (REQUIRED) 20.0 HVAC EFFICIENCY (REQUIRED) A. IF FLUORESCENT LAMPS ARE USED THEY SHALL NOT EXCEED 80 PICOGRAMS PER LUMEN HOUR. SUBSTRATE SPECIFIC APPLICATIONS CURRENT VOC LIMIT B. MAINTAIN THE TACO BELL LAMPS POLICY OF ONLY USING LED LAMPS IN ALL BUILDING, SITE AND SIGN USE THE STANDARD HIGH EFFICENCY (MINIMUM EER 12.0) RTU AS SPECIFIED AND INSTALL PER THE CURRENT PROTOTYPE GROUND UP METAL TO METAL PLASTIC FOAMS 45.1 THERMAL COMFORT (REQUIRED) POROUS MATERIALS (EXCEPT WOOD) 21.0 ECONOMIZER PERFORMANCE (REQUIRED) INSURE THAT THE HVAC SYSTEM PROVIDES THE FOLLOWING COMFORT CONDITIONS, ON AVERAGE: USE A FACTORY PROVIDED ECONOMIZER WITH DIFERENTIAL CONTROLS INTEGRAL TO AND COMPATIBLE WITH THE RTU'S SPECIFIED IN THE WOOD **FIBERGLASS** PROTOTYPE PLAN. STORE OCCUPATION **MODE** TEMP SETPOINTS MAX RELATIVE HUMIDITY SEALANT VOC LIMITS 22.1. HOT WATER EFFICIENCY (REQUIRED) DINING COOLING OCCUPIED 73-78 F 60% (LESS WATER AND LESS EXEMPT COMPOUNDS IN GRAMS PER LITER) USE THE WATER HEATER SPECIFIED IN THE TACO BELL PROTOTYPE. KITCHEN COOLING 68-73 F DINING HEATING 68-73 F 60% SEALANT CURRENT LIMIT 23.1 REFRIGERANTS (REQUIRED) DO NOT USED BANNED REFRIGERANTS. IF YOU USE ANY MODERN RTU YOU WILL NOT USE BANNED REFRIGERANTS KITCHEN HEATING 66-71 F ARCHITECTURAL UNOCCUPIED COOLING (MINIMUM) 80 F OR OFF MARINE DECK HEATING (MAXIMUM) NON-MEMBRANE ROOF A. USE THE CURRENT SPECIFIED WALK-IN COOLER/FREEZER. SEE CREDIT 24 300 B. USE THE CURRENT SPECIFIED REACH-IN FREEZER. SEE CREDIT 24 ROADWAY **46.1 THERMAL VERIFICATION (REQUIRED)** SINGLE PLY ROOF MEMBRANE C. USE THE CURRENT SPECIFIED ICE MAKERS. SEE CREDIT 24 450 A. <u>AT THE 11 MONTH WARRANTEE</u> THE CM SHALL ADMINISTER THE "THERMAL COMFORT VERIFICATION OTHER SURVEY" WITH A RESPONSE RATE OF 75% MINIMUM. 25.1 COOKING & WASHING EQUIPMENT (REQUIRED) B. IF 20% OR MORE OF THE RESPONDERS ARE DISSATISFIED THEN CORRECTIVE ACTIONS SHALL TAKE **SEALANT PRIMER** CURRENT LIMIT A. USE THE CURRENT SPECIFIED FRYER IN THE PROTOTYPE. CORRECTIVE ACTION UNTIL LESS THAN 20% ARE DISSATISFIED. B. USE THE CURRENT SPECIFIED 3-COMP SINKIN THE PROTOTYPE. ARCHITECTURAL C. IF CORRECTIVE ACTION IS REQUIRED GO BACK AND INSURE THAT THE STORE MEETS #28 THERMAL 28.1 BASIC LIGHTING & THERMAL CONTROLS (REQUIRED) COMFORT STANDARDS. NON-POROUS A. PROVIDE PROGRAMABLE THERMOSTATSSPECIFIED IN THE PROTOTYPE 775 48.1 LEED TEAM MEMBER (REQUIRED) MODIFIED BITUMINOUS 500 B. PROVIDE TEMPERATURE SENSOR LOCATIONS AND SPECIFICATIONS ON PLAN EACH CONSULTANT SHALL HAVE A LEED AP MEMBER ON EACH PROJECTS SITE SPECIFIC TEAM. MARINE DECK C. INSURE PROPER OPERATION OF VENTILATION EQUIMENT OPERATIONS OTHER D. PROVIDE LIGHTING CONTROLS FOR INTERIOR ZONES E. PROVIDE LIGHTING CONTROLS FOR EXTERIOR ZONES. 49.1 COMMISSIONING (REQUIRED) COMMISSIONING REQUIRES UNDERSTANDING THE OWNERS DESIGN INTENT PRIOR TO STARTING SITE SPECIFIC DESIGN SO THEY CAN INSURE THAT THEIR DESIGN MEETS WITH THE OWNER'S REQUIREMENTS. COMMISSIONING ALSO 28.3 OCCUPANCY SENSORS (OPTIONAL) PROVIDE ULTRASONIC/INFARED) OCCUPANCY SENSORS FOR 25% OR MOVE OF INTERIOR LIGHTING. IS ALSO INTENDED TO INSURE THAT THE CONTRACTOR EXECUTES THE DESIGN PER THE OWNER'S REQUIREMENTS. 33.1 RECYCLED CONTENT (REQUIRED) A. THE CONSULTANT SHOULD MODIFY THE OWNER'S PROTOTYPE REQUIREMENTS WITH THE SITE SPECIFIC I INFORMATION AND INSURE THAT THE USE MATERIALS THAT HAVE A MINIMUM OF 10% RECYCLED MATERIALS. (NOTE: GETTING THE CALCULATIONS IN PROCESS) SITE SPECIFIC DESIGN MEETS OR EXCEEDS THE OWNER'S REQUIREMENTS PRIOR TO STARTING DESIGN. B. THE CONSULTANT, GENERAL CONTRACTOR AND CM SHOULD USE SHEET G1 AS THE CHECKLIST TO INSURE 36.1 CONSTRUCTION WASTE MANAGEMENT (REQUIRED) THE SITE SPECIFIC PROJECT RESULTS MEETS OR EXCEEDS THE OWNER'S REQUIREMENTS. A. THE CONTRACTOR SHALL RECYCLE A MINIMUM OF 50% OF ALL CONSTRUCTION WASTE AND PROVIDE RECORDS PER YUM BLUELINE. 75% IS PREFERRED.

520 S. MAIN STREET, SUIT 2531 **AKRON, OH 44311** 330.572.2100 FAX: 330.572.2102

04.29.22 Issued for Bid CONTRACT DATE: 01.24.22 BUILDING TYPE: END. MED20 PLAN VERSION: MARCH 2021 BRAND DESIGNER: DICKSON SITE NUMBER: 315289 STORE NUMBER: 456917 PA/PM:

TACO BELL

DRAWN BY .:

JOB NO.:

5964 West Modglin Dr. Greenfield, IN 46140

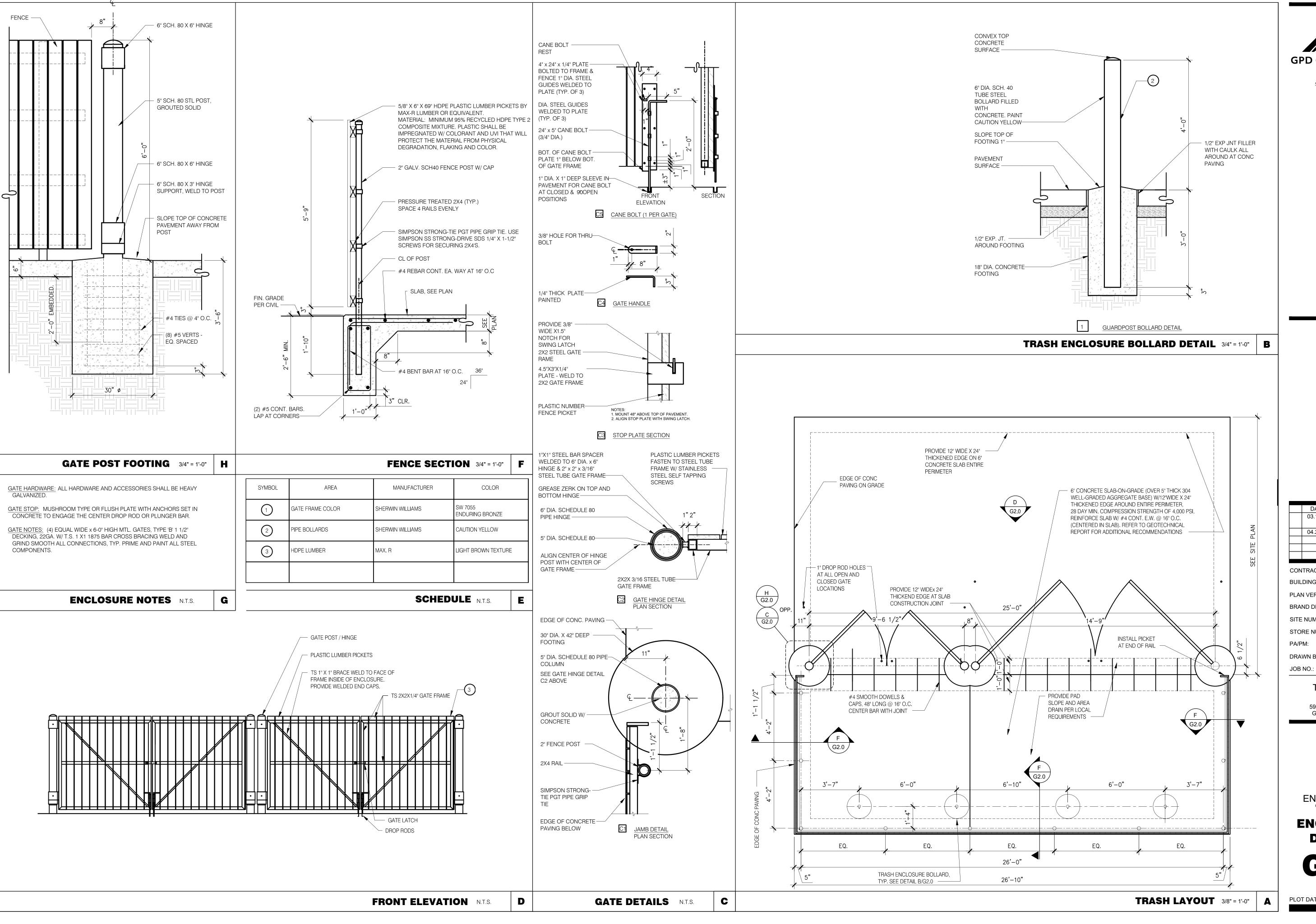
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ENDEAVOR 2.0 GREEN **CHECKLIST** SHEET

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.





520 South Main Street, Suite 2531 Akron, OH 44311 330.572.2100 Fax 330.572.2101

03.11.22 ISSUED FOR

315289

456917

04.29.22 ISSUED FOR BID

CONTRACT DATE: 10.05.21 BUILDING TYPE: END. MED20 PLAN VERSION: MARCH 2021 BRAND DESIGNER: DICKSON

SITE NUMBER: STORE NUMBER: PA/PM: DRAWN BY.:

> 2021088.41 TACO BELL

5964 West Modglin Dr. Greenfield, IN 46140



**ENDEAVOR 2.0 TRASH ENCLOSURE DETAILS** 

PLOT DATE:

520 S. MAIN STREET, SUIT 2531

330.572.2100 FAX: 330.572.2102

EVERY PEST, WHETHER MICROBIOLOGICAL, INVERTEBRATE OR MAMMALIAN NEED A FOOD SOURCE, WATER, SAFE HARBORAGE (SUITABLE ENVIRONMENT – TEMPERATURE, HUMIDITY, HIDING PLACES). THEY ALSO NEED A WAY INTO THE RESTAURANT. IN MOST CASES, CONTROLLING EVEN 1 OF THE REQUIREMENTS CAN PREVENT AN INTRODUCTION FROM BECOMING AN INFESTATION (ARTHROPODS OR VERTEBRATES) OR THE GROWTH OF PATHOGENIC ORGANISMS (BACTERIA/FUNGI ETC.). WHILE WE CANNOT ELIMINATE ALL INTRODUCTIONS FROM EMPLOYEES, CUSTOMERS AND DELIVERIES, WE CAN VIRTUALLY ELIMINATE INTRUSIONS DUE TO CONSTRUCTION AND DESIGN FAULTS AND, OPERATIONAL BEHAVIOR.

IN GENERAL, WHEN YOU THINK ABOUT EXCLUDING PEST FROM A BUILDING, YOU CAN THINK OF THE PESTS AS WATER. WE DON'T WANT UNNECESSARY WATER GETTING INTO THE BUILDING SO WE ADD APPROPRIATE BARRIERS. FROM VAPOR BARRIERS TO CONCRETE CURBS, WE BLOCK OR REDIRECT WATER. SAME WITH PESTS; FOR INSECTS WE CAN USE MATERIALS LIKE ELASTOMERIC SEALANTS AND HARD SURFACES TO PREVENT INTRUSION, FOR RODENTS, THE SAME CONCEPTS APPLY BUT THE BUILDING MATERIALS/PRACTICES HAD TO BE MORE ROBUST (CEMENTITIOUS MATERIALS WITH METAL REINFORCEMENT).

FOR ALL ASPECTS OF PEST PREVENTION ACTIVITIES, WE ARE MOVING TOWARDS SEASONALLY AND GEOGRAPHICALLY ATTENUATED (SAGA) © AND ENVIRONMENTALLY AND SOCIALLY RESPONSIBLE PEST PREVENTION PROGRAMMING © TO ACHIEVE MANAGEABLE, SITE-SPECIFIC SCOPES OF WORK.

# **GUIDING PRINCIPLE 1 - SITE SELECTION**

YOU HAVE TO TRY TO LOOK AT EVERY PHYSICAL ASPECT OF THE BUILDING AND ITS ENVIRONMENT. TO THIS END, IT IS PREFERABLE TO ESTABLISH A RELATIONSHIP WITH A LOCAL MEMBER OF YOUR PEST PREVENTION PROVIDER'S MANAGEMENT TEAM AND ASK THEM TO GIVE SOME GENERAL GUIDANCE DURING THE SITE SELECTION PROCESS. THEY MAY BE AWARE OF NEIGHBORHOOD LEVEL PEST PREVENTION CONCERNS AND HAVING THEM INVOLVED FROM THE BEGINNING ALLOWS THEM TO PROPERLY CREATE/MODIFY THE PRE AND POST CONSTRUCTION SERVICE PLANS, FROM BOTH GLOBAL AND LOCAL PERSPECTIVES, LOCATION CHARACTERISTICS ARE CLEARLY THE DRIVING FORCE IN POTENTIALLY PREDICTABLE PEST PROBLEMS. MUCH OF THE RELEVANT INFORMATION NEEDED ABOUT ANY PARTICULAR STORE IS ALREADY IN TACO BELL'S HANDS IN THE FORM OF PEST ACTIVITY DATA. ADDITIONAL INFORMATION CAN BE GATHERED FROM LOCAL EXPERTS (IF AVAILABLE) OR ASSESSED BY TACO BELL CORPORATE QA/FOOD SAFETY STAFF.

QA/FOOD SAFETY RESOURCES ARE AVAILABLE TO COORDINATE OR PERFORM ASSESSMENTS AS NEEDED.

THE CRITICAL FACTORS, IRRESPECTIVE OF BROAD GEOGRAPHICAL LOCATION, WOULD BE; STAND ALONE VS. MALL LOCATION, COMBINATION FACILITY\*, THE AGE OF THE FACILITY\*\*, AND GENERAL NEIGHBORHOOD

- a. WEATHER / CLIMACTIC ZONE
- FACTORS THAT WE CANNOT CONTROL, BUT CAN ANTICIPATE/MITIGATE:
- c. BUILDING LOCATION PARTICULARLY A CONCERN IN URBAN AREAS. LITTER, AGING UTILITIES, SUBWAYS AND FOOT TRAFFIC LEVELS MUST BE ACCOUNTED FOR.
- d. BUILDING AGE e. BUILDING PLACEMENT

b. LOCALIZED SPECIAL PEST ISSUES (PAST PEST HISTORY)

- f. NEIGHBORHOOD (PHYSICAL AND SOCIOECONOMIC) CONDITIONS \* COMBINATION FACILITY CAN MEAN AN INLINE LOCATION OR MULTI-USE FACILITY (FOR EXAMPLE, ADDING A BAR TO A RESTAURANT OR PLACING A RESTAURANT IN A TRAVEL CENTER ADDS COMPLEXITIES DUE TO INCREASED PEST OPPORTUNITIES.)
- \*\*THE AGE OF THE BUILDING INTRODUCES ISSUES LIKE: CONSTRUCTION MATERIALS AND BUILDING

GUIDING PRINCIPLE 2 - BUILDING DESIGNED FOR EXCLUSION, INSPECTION, CLEANING AND TREATMENT USING PROPER TECHNIQUES TO KEEP PESTS OUT IS EASY ENOUGH BUT TIME AND USE EVENTUALLY TAKE THEIR TOLL ON THE ENTIRE STRUCTURE. THE RESULTS CAN BE RAPID DETERIORATION AND PEST INTRUSION/INFESTATION. 1. USE HIGH QUALITY CONSTRUCTION MATERIALS TO PREVENT THE INTRUSION OF MOISTURE AND PESTS (SPECIFICS AVAILABLE IF REQUIRED). MOISTURE INVITES THE FULL SPECTRUM OF PESTS TO ENTER AND BECOME ESTABLISHED IN THE BUILDING, RESULTING IN A THREAT TO PUBLIC HEALTH AND DAMAGE TO THE ASSET. THIS APPLIES TO MOISTURE WITHIN THE BUILDING AS WELL AS ENVIRONMENTAL MOISTURE. COUNTERS, BEVERAGE MACHINES, DRAINS, SINKS ALL HAVE TO BE WELL SEALED TO PREVENT MOISTURE FROM PENETRATING INTO CRACKS, CREVICES OR VOIDS.

- 1. THE PESTS OF PRIMARY FOOD SAFETY/PUBLIC HEALTH CONCERN ARE LARGELY CRYPTIC IN NATURE, THEY EITHER LIKE TO HIDE (RODENTS), MUST HIDE (COCKROACHES) OR SIMPLY REQUIRE QUIET, DARK, OUT OF THE WAY PLACES TO BREED (COCKROACHES AND FLIES). RESTAURANT STAFF AND PEST PREVENTION PARTNERS MUST BE ABLE TO MOVE EQUIPMENT AROUND TO SEE WHAT IS HAPPENING
- 2. THE FLOORS, DRAINS AND WALLS HAVE TO BE DURABLE AND EASILY CLEANED A. AVOID TILE WHEN POSSIBLE (GROUT LINES) I. WHEN TILE MUST BE USED. EPOXY GROUT IS PREFERRED B. DRAINS MUST BE POSITIONED TO BE EASILY INSPECTED AND CLEANED C. EQUIPMENT MUST BE EASY TO MOVE TO CLEAN THE FLOOR D. EQUIPMENT MUST BE DESIGNED TO BE EASILY CLEANED.
- 3. TREAT WALL VOIDS AND DIFFICULT TO INSPECT STRUCTURAL AREAS WITH BORACARE (DISODIUM OCTABORATE TETRAHYDRATE) TO ASSIST IN THE PREVENTION OF ARTHROPOD INFESTATIONS.
- 4. TREAT AREAS PRONE TO INFECTION WITH MOLD-CARE (DIDECYL DIMETHYL AMMONIUM CHLORIDE).
- 5. BASEMENTS A. FOLLOW THE SAME EXCLUSION PRINCIPLES IN GENERAL TERMS B. ADDITIONAL PEST DEVICES MUST BE ADDED/ACCOMMODATED C. AIRFLOW IS CRITICAL. SINCE FOOD RELATED ITEMS WILL BE STORED IN THESE AREA, WE MUST NOT ALLOW MOISTURE TO FOSTER THE DEVELOPMENT OF MICROORGANISMS (BOTH PATHOGENIC AND NON-PATHOGENIC).
- 6. EXTERIOR DESIGN TO ELIMINATE INTRODUCTION POINTS AND HARBORAGE AREAS A. NO TREES OVERHEAD OR TOUCHING THE BUILDING B. NO SHRUBS, BUSHES, VINES TOUCHING OF IN CLOSE PROXIMITY TO THE BUILDING C. STRATEGICALLY PLACE WASTE (COMPOST/RECYCLING/LANDFILL) RECEPTACLES AWAY FROM THE BUILDING WHEREVER POSSIBLE AND HAVE THEM IN WELL-LIT AREAS (IF APPROPRIATE).
- 7. LIGHTING SHOULD BE INDIRECT WHENEVER POSSIBLE TO PREVENT NIGHT FLIERS FROM BEING DRAWN TO THE BUILDING.
- 8. AVOID SEMI-ENCLOSED (PARTIAL SOFFIT) AREAS WHERE BIRDS AND MAMMALS CAN HARBOR.

# (APPENDIX FOLLOWS)

APPENDIX

PEST MANAGEMENT, IN A STANDALONE SETTING IS ACTUALLY QUITE SIMPLE WHEN PROPERLY EXECUTED BY ALL PARTICIPANTS. AS IT RELATES TO BUILDING DESIGN AND CONSTRUCTION, THERE ARE JUST A FEW PRINCIPLES THAT IF ADDRESSED WITH GREATLY DIMINISH PEST ISSUES.

1. DON'T PROVIDE ANY UNNECESSARY ATTRACTANTS WHEN POSSIBLE AND, MITIGATE WHEN UNAVOIDABLE. 2. IF THE BUILDING IS TIGHT, THEN PESTS CANNOT COME IN EASILY. 3. MAKE SURE THAT THERE IS ENOUGH AIRFLOW INTO THE BUILDING FROM ABOVE TO FACILITATE POSITIVE PRESSURE AT THE DOORS. 4. IF THE PESTS CAN'T GET INTO THE BUILDING, THERE WON'T BE AN INTRODUCTION. 5. IF THEY DO GET IN THE BUILDING BUT, HAVE NOWHERE TO HIDE. THERE WON'T BE AN INFESTATION. A. EQUIPMENT, WHEN POSSIBLE SHOULD BE TIGHTLY SEALED. I. EXAMPLE, MANY TIMES, STAINLESS "CURTAINS" ARE PLACED TO SHIELD THE UNDERSIDE OF EQUIPMENT FROM VIEW. THIS WILL NOT KEEP ANYTHING OUT. B. WHEN NOT POSSIBLE, MAKE IT EASY TO OPEN FOR INSPECTION AND TREATMENT. ALSO, CONSIDER THE NEED FOR MONITORING DEVICES NEAR ENTRY POINTS. I. EXAMPLE, IF A PIECE OF EQUIPMENT MUST HAVE A HOLE AT THE BOTTOM, MAKE SURE THAT A DEVICE CAN BE PLACED APPROPRIATELY IN OR UNDER IT. KEEP VISUAL INSPECTION IN MIND TOO. C. AVOID DIFFICULT TO CLEAN EQUIPMENT. IF IT ISN'T EASY, PEOPLE WON'T CLEAN IT. D. IN SUMMARY, IF YOU CAN, KEEP THEM OUT. IF YOU CAN'T MAKE SURE THE EQUIPMENT CAN BE EASILY CLEANED AND INSPECTED.

# I. EXTERIOR SANITARY DESIGN

# A. BUILDING PERIMETER:

- THERE ARE NO OUTSIDE PITS OR DEPRESSIONS. THE PERIMETER SLOPES AWAY FROM THE BUILDING. A 2-FOOT GRAVEL BARRIER IS PRESENT WITH DRAINS IN CRITICAL DRAINAGE AREAS. • EXPANSION JOINTS AROUND PERIMETER ARE FILLED WITH CORRECT JOINT FILLER. • THERE ARE NO OUTSIDE STORAGE AREAS THAT COULD PROVIDE HARBORAGE FOR PESTS. • NO CHAIN LINK FENCES ARE PRESENT NEAR THE FACILITY. • BUILDING DESIGN ALLOWS FOR EASY WEED ACCESS/REMOVAL AND LAWN MAINTENANCE.
- EXTERIOR SMOKING AREA IS PROVIDED FOR EMPLOYEES SUCH THAT THE DEBRIS FOUND IN THESE AREAS DOES NOT ATTRACT PESTS INTO THE FACILITY. • BUILDING DESIGN DETERS BIRDS FROM NESTING OR LOAFING.

# B. UTILITY LINES:

- UTILITY LINES, ELECTRICAL CONDUITS, AND PLUMBING ENTRANCES INTO THE BUILDING ARE COMPLETELY SEALED, PREVENTING PEST ENTRY. • PIPES OR WIRING ARE NOT GROUPED INTO GANGS AND ARE NOT HOUSED IN METAL TUBES. • UTILITY SYSTEMS ARE EASILY ACCESSIBLE AND EASILY OPENED FOR THOROUGH CLEANING. • RODENTS ARE DETERRED FROM CLIMBING PIPES ON THE BUILDING EXTERIOR BY FITTED METAL RAT GUARDS. GUARDS ARE MADE OF 26-GAUGE SHEET METAL, FITTED CLOSE TO THE WALL AT THE REAR, AND PROJECTING 12 INCHES OUTWARD FROM THE PIPE. • OUTSIDE VERTICAL PIPES ARE COATED WITH GLOSSY PAINT TO PREVENT RODENTS FROM CLIMBING THEM. • WHERE POSSIBLE, UTILITY LINES ARE TRENCHED, RATHER THAN SUSPENDED.
- C. PARKING AND ROADWAYS: ALL PARKING AND TRAFFIC AREAS ARE PAVED. DRAINS ARE PLACED IN ALL DOCK AND DUMPSTER AREAS. • DRAINS ARE FREE OF DEBRIS.
- D. LANDSCAPING: PERIMETER FOLIAGE CLEARS BUILDING BY 18" MINIMUM AND NOT TALLER THAN 24 INCHES. TREES ARE AT LEAST 30 FEET AWAY FROM BUILDING PERIMETER. • GROUND COVER DOES NOT INCLUDE PINE STRAW OR THATCHED GRASS. • GROUND COVER SUCH AS GARDEN STONES AND SPARSE LIVE PLANT COVER ARE USED.

- BUILDING PERIMETER IS WELL LIGHTED. EXTERIOR LIGHTS ARE LOCATED AT LEAST 30-40 FEET AWAY FROM EXTERIOR DOORS, SO THAT THEY DO NOT ATTRACT FLYING INSECTS INTO THE BUILDING. (IF FEASIBLE) • OUTSIDE LIGHTS ARE SHIELDED TO SHINE DOWN ONTO THE BUILDING PERIMETER AND DO NOT SHINE OUT/AWAY FROM THE FACILITY. SHADOW BOX FIXTURES PREFERRED. • BULBS LESS ATTRACTIVE TO INSECTS SUCH AS HIGH PRESSURE SODIUM ARE USED. • INSECT LIGHT TRAPS ARE LOCATED SUCH THAT THEY DO NOT DRAW INSECTS INTO THE FACILITY.
- F. SANITARY DUMPSTER AND TRASH STORAGE:

 TRASH STORAGE IS LOCATED AWAY FROM INCOMING GOODS AND ISOLATED FROM FACILITY. • TRASH STORAGE IS LOCATED IN A WALLED SPACE, WITH OPEN AREA AND MINIMAL AVAILABLE HARBORAGE FOR RODENTS, BIRDS, OR INSECTS. • TRASH STORAGE IS LOCATED DOWNWIND (PREVAILING WINDS) WHEN POSSIBLE. • TRASH STORAGE IS SEPARATED FROM FACILITY BY FIRE-RATED SEPARATION WALLS. • HOT WATER RINSE IS AVAILABLE AND PROPER DRAIN(S) ARE PRESENT. • HAND-SANITIZER PROVIDED FOR RE-ENTRY INTO THE FACILITY. • SANITATION DUMPSTER IS ADEQUATE FOR VOLUME, HAS A RAIN COVER, AND IS SEALED WITH NO LEAKS. • SIGN (FOR EMPLOYEES) IS PRESENT IN DUMPSTER AREA - KEEP THIS AREA CLEAR AND CLEAN. • SIGN (FOR EMPLOYEES) IS PRESENT IN DUMPSTER AREA -DO NOT FEED STRAY ANIMALS/BIRDS.

# G. RECYCLING STORAGE:

 OUTSIDE STORAGE IS WELL DRAINED; PAVING IS DESIRABLE.
 PLASTIC/GLASS - DEDICATED CONTAINERS ARE PROVIDED; AREA FOR DRY STORAGE IS PROVIDED. • HOT WATER AVAILABLE WITH FLOOR DRAINS FOR CLEANING.

- SINGLE MEMBRANE OR SMOOTH ASPHALT IS PREFERRED; AVOID BALLASTED ROOFING OR HOT MOP ROOFS. ACCESSES TO ROOF ARE CONVENIENTLY LOCATED, COVERED AND SEALED WHEN CLOSED. • CURBING (RUN-OFF STOP) IS DESIGNED TO A 12-18 INCHES HEIGHT MINIMUM. • MINIMAL FLAT SURFACES ARE AVAILABLE FOR NESTING/LOAFING SITES. • ROOF DESIGNED TO DETER STORAGE OF ANY KIND. • NO SKY LIGHTS ARE PRESENT; OR ONLY DOUBLE DOMED SKYLIGHTS ARE USED AND ARE WELL SEALED. • THERE ARE NO BRIGHT COLORS ATTRACTIVE TO INSECTS (YELLOW, RED), OR BIRDS (WHITE). • ONLY QUALITY FLASHING IS USED. • EQUIPMENT AND METAL DUCTWORK ARE PROPERLY MOUNTED WITH ALL JOINTS SEALED. **ROOF DRAINAGE:**
- ALL ROOF DRAIN PIPES PROPERLY TREATED WITH NH3 TO AVOID RUSTING. OPEN PIPES AND VENTS ARE SCREENED WITH 1/4 -INCH SCREENING OR CAPPED TO KEEP PESTS OUT. • ROOF DRAIN PIPES ARE INSULATED TO PREVENT FREEZING. • ROOF DRAINS ARE ROUTED TO THE SANITARY SEWER; DOWN-SPOUTS CARRY WATER AWAY FROM BUILDING. • CANOPY RUNOFF IS ROUTED AND DOES NOT RUN OFF ANY EDGE. • NO DEPRESSIONS OR SITUATIONS EXIST THAT CREATE STANDING WATER.
- F. DOORS: VESTIBULES ARE PRESENT AT EACH EMPLOYEE AND FACILITY ENTRY-WAY WHENEVER POSSIBLE. PEDESTRIAN DOORS OPEN TO THE (OUTSIDE) OF THE FACILITY ONLY.
- PEDESTRIAN DOORS ARE CONSTRUCTED WITH GALVANIZED OR STAINLESS STEEL FRAME. PEDESTRIAN DOORS HAVE PROPER DOOR-SWEEPS INSTALLED. BRUSHES ARE USED; RUBBER IS NOT. • PEDESTRIAN DOORS ARE (FOAM) INSULATED. NO FIBERGLASS INSULATION IS USED. • WOODEN DOORS ARE NOT PRESENT. • PEDESTRIAN DOORS HAVE A DOOR CLOSER; THERE ARE NO SCREW-DOWN THRESHOLDS OR "DOOR STOPS". • SWEEP-TYPE WEATHER STRIPPING IS USED AND NO PENETRATING LIGHT DETECTED.

# II. INTERIOR SANITARY DESIGN

A. FOUNDATION:

• THE CRAWL SPACE OR BASEMENT IS EASILY ACCESSED. • PRESSURE TREATED WOOD IS USED IN ANY LOCATION NEAR OR BELOW GRADE. • NO VISIBLE CRACKS OR HOLES PRESENT IN THE WALLS. ALL OPENINGS GREATER THAN 1/4 INCH ARE SEALED. • 12-INCH BAND OF HARD GLOSSY PAINT IS APPLIED AROUND OUTSIDE BRICK OR STONE WALLS TO DETER CLIMBING RATS AND MICE. • ALL UTILITIES BELOW GRADE ARE EASILY ACCESSED AND ARE LABELED

# B. FLOOR DRAINS:

 ALL FLOOR DRAINS ARE DESIGNED WITH TRAPS WITH AT LEAST 3 INCHES OF WATER SEAL, AND THEY ARE FITTED. WITH SECONDARY STRAINERS TO PREVENT PEST ENTRY. • FLOOR DRAINS EXIST IN PRODUCTION AREA EVERY 400 SQ. FT. • FLOOR DRAINS ARE CONSTRUCTED OF STAINLESS STEEL FOR EASIER CLEANING. • OVERHEAD PIPING AND DRAINS (IN CRAWL SPACE) ARE WELL SEALED AND DO NOT LEAK. • WHERE INSECTS MAY BE A PERSISTENT PROBLEM, INSECT SCREENS ARE INSTALLED IN FRONT OF FILTER MEDIA. • SCREENS ARE EASY TO REMOVE FOR CLEANING, AND THEY ARE NON-CORROSIVE, 18- MESH SCREEN. • VENTS ARE COVERED WITH METAL GRILLWORK AND ARE BACKED BY RUST RESISTANT SCREENING. • FLOOR DRAINS INCLUDED ON MASTER SANITATION SCHEDULE - MINIMUM 1 WEEK CLEANING.

POURED CONCRETE IS PREFERRED FOR INSIDE WALLS, HIGH DENSITY FILLED CONCRETE BLOCK 1ST 6-8 FT. IS ACCEPTABLE IN OTHER AREAS. • IF METAL SIDING IS UTILIZED THE BOTTOM 8' OF THE WALL IS POURED CONCRETE SO AS TO PROVIDE A SEAL TO THE CONCRETE WITH THE OVERLAPPING SIDING. • NO VOIDS ARE PRESENT; ALL VOIDS INSULATED WITH PROPER MATERIAL THAT DETERS PESTS. • WALL AND FLOOR JUNCTURES ARE SEALED WHERE POSSIBLE. • IF STEEL STUDS ARE USED, OPENINGS EXIST THAT ALLOW EASY FLOW OF DUST APPLICATIONS. • FILLER

COAT IS APPLIED TO ALL BLOCK WALLS. FOR SMOOTH BLOCK WALL SURFACES, PAINT FILLER IS USED. SEALING IS ADEQUATE, SUCH THAT THERE ARE NO VISIBLE CRACKS. • WALL FILLERS - AVOID PEARLITE, FIBERGLASS, ROCK WOOL. HIGH DENSITY FOAM PREFERRED.

- PIPES ARE PROPERLY RUST-PROOFED WITH NH3, PRIOR TO FOAM INSULATION OF THE WALLS. PENETRATIONS ARE PROPERLY SEALED/CAULKED. PIPE PENETRATIONS ARE CUT AND SEALED ON THE SAME DAY SO THAT OPENINGS OR JUNCTIONS REMAIN CLEAN. • TO DETER BIRD OR RODENT NESTING SITES, EXTERIOR PIPES AND CONDUITS ARE NOT ARRANGED IN GROUPS.
- ITEMS MOUNTED TO WALLS WITH LESS THAN A 1/4" GAP SHOULD BE SEALED TO THE WALL. ACCESS IS ALLOWED TO KEY UTILITY JUNCTIONS BEHIND WALLS; KNOCK OUT PANELS ARE PRESENT. • BUILDING CONSTRUCTION MINIMIZES THERMAL TRANSFER OF STRUCTURAL MEMBERS.

 CONCRETE CEILINGS ARE SMOOTH AND FREE OF PITS THAT MAY HARBOR INSECTS. • DROP CEILINGS ARE NOT PRESENT, BECAUSE OF POTENTIAL FOR FOOD/MOISTURE ACCUMULATION. (OBVIOUSLY NOT A "MUST" BUT, IT SURE MAKES IT EASIER) MAKING THEM MORE ACCESSIBLE FOR INSPECTION WOULD AT LEAST BE BETTER.

 HIGH PRESSURE SODIUM BULBS ARE USED WHERE HIGH-INTENSITY LIGHT IS NEEDED. SODIUM LIGHTS LAST LONGER AND ARE LESS ATTRACTIVE TO INSECTS THAN FLUORESCENT LIGHTS. • FLUORESCENT LIGHTING IS AVOIDED - IT'S HARD TO KEEP CLEAN. • SKYLIGHTS ARE AVOIDED BECAUSE THEY CAN LEAK. • WALL SCONCE UNITS ARE STRATEGICALLY PLACED SO THAT THEY DO NOT COLLECT DEBRIS.

 SKYLIGHTS ARE AVOIDED BECAUSE THEY CAN LEAK. • DOUBLE-PANE AND WELL INSULATED WINDOWS ARE PREFERRED. • CAULKING IS USED FOR SMALL CRACKS AND CREVICES FOUND AROUND WINDOWS. • IF SCREENING IS USED, A MINIMUM OF 18 MESH IS RECOMMENDED; 30 MESH IS PREFERRED. • SCREENS ARE REINFORCED AT POINTS OF STRESS.

 ALL FAN/HOOD HOUSINGS ARE SEALED. ADEQUATE SEALS EXIST BETWEEN FAN HOUSINGS AND ROOF. ALL FANS ARE ACCESSIBLE FOR CLEANING; ALL FANS MOUNTED HIGH ENOUGH FOR CLEANING. • ALL HOODS HAVE SCREENS AND FILTERS THAT ARE PROPERLY SIZED AND HAVE THE PROPER MESH. • ALL FILTERS ARE EASILY CHANGED AND/OR CLEANED. • ALL FILTERS ARE INCLUDED ON THE MSS. • ALL DUCT WORK IS POSITIVELY PITCHED; THERE ARE NO HORIZONTAL DUCTS FROM HOODS. • ALL DUCT WORK IS ACCESSIBLE. • CONDENSATE

 EXHAUST FANS ARE MAXIMUM DISTANCE FROM AIR INTAKE.
 THERE IS NO AIRFLOW DIRECTLY ONTO FOOD PREP AREAS. • INBOUND AIR IS FILTERED AND DEHUMIDIFIED OR AIR-CONDITIONED.

SOURCES OF WATER DISCHARGE DO NOT CREATE STANDING WATER.
 ENTIRE FLOOR IS SEALED.

# I. CONSTRUCTION GAPS AND PENETRATIONS

 ALL PIPE PENETRATIONS ARE PROPERLY SEALED THE SAME DAY THEY ARE CUT.
 EXPANSION JOINTS PRESENT ARE SEALED WITH PROPER JOINT COMPOUND. • ALL CRAWL SPACES ARE CLEAN AND FREE OF CLUTTER (E.G., WOOD DEBRIS) AFTER CONSTRUCTION. • ALL CRAWL SPACES AND BASEMENTS HAVE PROPER DRAINAGE AND VENTILATION. • ADEQUATE DRAINAGE IS AVAILABLE AND EQUIPPED WITH PUMPS FOR EXCESS WATER REMOVAL.

 STOREROOMS HAVE METAL SHELVING; NO WOODEN SHELVING PRESENT.
 STOREROOMS HAVE ADEQUATE LIGHTING. • STOREROOMS ORGANIZED & NOT CLUTTERED.

 TOILETS ARE FLOOR MOUNTED WITH AUTOMATIC FLUSHING.
 HAND WASH HAS AUTOMATIC VALVES. BATHROOM WALLS ARE MONOLITHIC, SEALED, AND CLEANABLE. • BATHROOM FLOORS ARE MONOLITHIC. TILES AND VINYL SHEETING ARE AVOIDED. • FLOOR DRAINS ARE PRESENT TO ALLOW RINSING.

# N. EMPLOYEE FACILITIES:

 OFFICE AREA'S DESIGN PROMOTES ACCESSIBILITY AND MINIMIZES CLUTTER. • OPEN STORAGE SPACES AREA IS PROVIDED FOR EMPLOYEES. • EMPLOYEE LOCKERS ARE AVOIDED, BUT IF INSTALLED ARE ELEVATED WITH ACCESS BEHIND AND UNDER.

PEST EXCLUSION: SEALING OR SCREENING ALL POTENTIAL ENTRY POINTS INTO THE BUILDING TO KEEP PESTS FROM COMING INSIDE. PEST ISOLATION (CONCEPT): PEST PROOF INSIDE THE BUILDING TO CONFINE PESTS AND KEEP THEM FROM MOVING INTO NEW AREAS. AN EXAMPLE MIGHT BE COMPARTMENTALIZING A BUILDING (LIKE SHIP BULKHEADS) TO ISOLATE AN INFESTATION IN ONE AREA AND MAKE PESTS EASIER TO ERADICATE.

MOVING INTO NEW AREAS. AN EXAMPLE MIGHT BE COMPARTMENTALIZING A BUILDING (LIKE SHIP BULKHEADS) TO ISOLATE AN INFESTATION IN ONE AREA AND MAKE PESTS EASIER TO ERADICATE

PEST ISOLATION (CONCEPT): PEST PROOF INSIDE THE BUILDING TO CONFINE PESTS AND KEEP THEM FROM

SEALING HARBORAGES: WELL SEALED BUILDINGS ARE LESS ATTRACTIVE TO PESTS, AS FEWER HIDING PLACES ARE AVAILABLE AND MAKE PESTS EASIER TO ELIMINATE.

# PEST OPENINGS MUST BE LESS THAN

- PIGEON 1.5 INCH SPARROW 4/5 - INCH
- RAT YOUNG 1/3 INCH
- MOUSE ADULT 2/5 INCH MOUSE - YOUNG 1/5 - INCH
- GERMAN COCKROACH ADULT 1/5 INCH GERMAN COCKROACH 1ST INSTAR NYMPH 1/16 - INCH
- HOUSE FLY 1/12 INCH MOSQUITO 1/20 - INCH

EXTERIOR PEST PROOFING: PEST EXCLUSION HAS BEEN SHOWN TO BE EFFECTIVE, ESPECIALLY FOR BIRDS AND RODENTS. EXAMPLES OF PEST EXCLUSION ARE INSTALLING METAL KICK PLATES ON DOORS, SCREENING VENTS AND EAVES, SEALING OPENINGS WHERE PIPES AND UTILITY LINES ENTER BUILDINGS, AND INSTALLING METAL RODENT GUARDS ON OVERHEAD LINES OR VERTICAL PIPES.

INTERIOR PEST PROOFING: WHILE INTERIOR SEALING OF OPENINGS AROUND PIPES AND LINES HAS BEEN PROVEN

EFFECTIVE FOR MICE AND RATS, MANY STUDIES HAVE SHOWN THAT IT IS NOT VERY EFFECTIVE AGAINST COCKROACHES. IT IS VERY LABOR INTENSIVE AND BUILDING OR MAINTENANCE STAFF MAY NOT HAVE THE KNOWLEDGE OF PEST HABITS TO DO THIS INTERIOR PEST PROOFING CORRECTLY. IN FACT, SEALING OPENINGS INSIDE A STRUCTURE CAN ACTUALLY BE DETRIMENTAL BECAUSE VOIDS MAY NO LONGER BE ACCESSIBLE TO TREATMENT, BUT MAY STILL BE ACCESSIBLE TO COCKROACHES.

# IV. INTERIOR PEST PROOFING

 ALL DOORS ARE FITTED TO CLOSE AUTOMATICALLY.
 ALL DOOR CASINGS ARE PROTECTED WITH SHEET METAL TO PREVENT MICE AND RATS FROM WIDENING CRACKS BY GNAWING. ALL WOODEN DOORS HAVE A 12-INCH SHEET METAL (26-GAUGE) KICK PLATE ATTACHED TO THE OUTSIDE OF

THE DOOR, WITH THE LOWER EDGE NOT MORE THAN 1/4 -INCH FROM THE FLOOR. • HOLLOW METAL DOOR SEAMS ARE SEALED BY SPOT WELDING TO PREVENT INSECT ENTRY. • ALL SCREEN DOORS OPEN OUTWARDLY AND ARE FITTED WITH A SCREEN MESH OF NO LARGER THAN 1/18 INCH TO PREVENT ENTRY OF SMALL INSECTS INTO THE BUILDING. • DOUBLE DOORS ARE INSTALLED IN REGIONS WHERE FLYING INSECTS ARE PERVASIVE. • (IF FEASIBLE) • EXTERIOR LIGHTS AROUND DOORS HAVE 'BUG LIGHTS' INSTALLED OR LIGHTING IS AT LEAST 30-40 FEET AWAY FROM EXTERIOR DOORS SO THAT THEY DO NOT

ATTRACT FLYING INSECTS ONTO THE PREMISES. (IF FEASIBLE) • AIR DOORS OR PLASTIC CURTAINS (STRIP DOORS) ARE INSTALLED IN DELIVERY ENTRY WAYS TO PREVENT THE ENTRY OF FLYING PESTS. AIR VELOCITY OF AIR DOORS IS A MINIMUM OF 1600 FT/MIN. (IF FEASIBLE)

 ALL EXTERIOR DOORS TO BE STEEL OR STOREFRONT WITH ALUMINUM METAL. WOODEN DOORS TO EXTERIOR NOT ALLOWED.

 OPERABLE WINDOWS, FITTED WITH AT LEAST 18-INCH MESH SCREENING. SCREENING IS REINFORCED AT POINTS OF STRESS. • ALL CRACKS AND CREVICES AROUND WINDOWS ARE THOROUGHLY CAULKED.

# C. FOUNDATION:

 ALL CRACKS AND HOLES ARE PATCHED-UP WITH CEMENT. ALL OPENINGS GREATER THAN 1/4 INCH ARE SEALED TO EXCLUDE MICE; ALL OPENINGS GREATER THAN 1/2 INCH ARE SEALED AGAINST RATS. • CLIMBING BY RATS AND MICE IS DETERRED BY A 12-INCH BAND OF HARD GLOSSY PAINT, OR POLISHED METAL, AROUND THE OUTSIDE OF BRICK WALLS, UP TO ABOUT 3.5 FT. ABOVE THE GROUND. • FOR TEMPORARY EXCLUSION, UNTIL MORE PERMANENT REPAIRS CAN BE MADE, STEEL WOOL IS TIGHTLY PLUGGED INTO CRACKS AND HOLES TO PREVENT ENTRY OF RODENTS.

D. PEST PROOFING MATERIALS 1. BACKING/FILLING MATERIALS: • MATERIALS SUCH AS COPPER MESH, PLUMBER'S OAKUM, HARDWARE CLOTH AND/OR FOAM RUBBER ARE (FIRST) USED TO FILL GAPS THAT EXCEED THE MAXIMUM SIZE RECOMMENDED FOR A SEALING PRODUCT. • THESE MATERIALS ARE PLACED IN THE OPENING FIRST, AND THEN CAULKED OR SEALED OVER.

## 2. SCREENING MATERIALS

 STEEL WOOL IS USED TO PLUG SMALL OPENINGS WHERE PESTS MAY ENTER OR MOVE WITHIN STRUCTURES. STEEL WOOL IS USEFUL WHERE AIR MOVEMENT IS DESIRED, BUT THERE IS LOW HUMIDITY ONLY. STEEL WOOL WILL RUST, SO IT SHOULD NOT BE USED IN AREAS OF HIGH MOISTURE. • COPPER MESH IS USED IN LOCATIONS WITH HIGH HUMIDITY OR MOISTURE (STEEL WOOL WILL RUST). • WINDOW SCREEN (18 MESH MINIMUM) IS USED TO EXCLUDE INSECTS (NOT WILDLIFE) FROM SOFFIT VENTS IN ATTICS, CRAWL SPACE VENTS, AND FRESHAIR INTAKE VENTS FOR THE STRUCTURE. • HARDWARE CLOTH IS HEAVIER THAN WINDOW SCREENING AND IS USED TO EXCLUDE RODENTS, BATS, BIRDS, AND WILDLIFE FROM ATTICS AND CRAWL SPACES. IT CAN ALSO BE USED TO PREVENT WILDLIFE FROM TUNNELING UNDER STRUCTURES.

# CONSTRUCTION CHECKLIST:

OTHER AREAS RAT **PROOFING IS REQUIRED** 

LATCH GRATES

**ROOF VENTS** 

**TOILET GUARDS** 

FLOOR TRAPS WITH

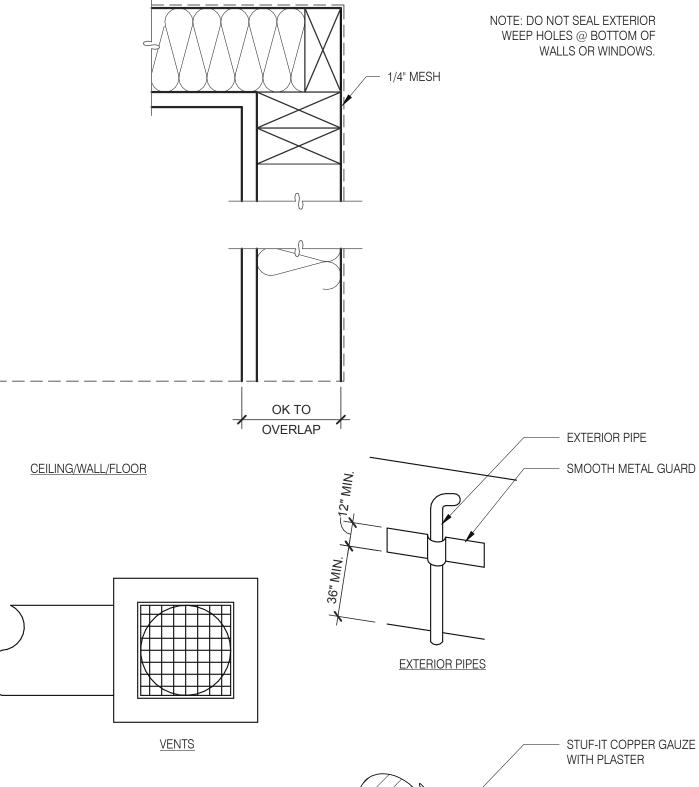
MESH OVER SEWER

DURING CONSTRUCTION 3 MANDATORY AND 1 OPTIONAL VERIFICATION STEPS ARE REQUIRED:

1. (PREFERRED BUT NOT REQUIRED) PEST PROVIDER IS BROUGHT IN DURING SITE SELECTION FOR PRELIMINARY EVALUATION. TACO BELL HAS 4 NATIONAL PROVIDERS OF PEST MANAGEMENT & PREVENTION. 2. AFTER DEMO, PMP ESTABLISHES A PLAN FOR EXCLUSION (SEALING OF BUILDING). IT IS IMPORTANT THIS STEP HAPPENS AFTER ALL OF THE WALLS ARE OPEN TO IDENTIFY ALL PENETRATIONS AND AREAS OF RISK. 3. AFTER EXCLUSION WORK IS COMPLETE, BUT BEFORE WALLS ARE CLOSED UP, PMP CONDUCTS A 2ND EVALUATION.

4. AFTER WALLS ARE CLOSED UP AND TYPICALLY A FEW DAYS BEFORE A STORE OPENS, A FINAL WALK-THRU IS CONDUCTED TO ENSURE THAT ALL DEVICES ARE IN PLACE AND THE INTEGRITY OF THE EXCLUSION PLAN IS

\*ADDITIONAL VISITS MAY BE REQUIRED PER PEST VENDOR RECOMMENDATION.



PIPE PENETRATIONS

RAT PROOFING DETAILS

PIPE



TACO BELL

5964 West Modglin Dr.

Greenfield, IN 46140

04.29.22 Issued for Bid

01.24.22

END. MED20

MARCH 2021

DICKSON

315289

456917

2021088.41

JW

**CONTRACT DATE:** 

BUILDING TYPE:

PLAN VERSION:

SITE NUMBER:

PA/PM:

DRAWN BY.

JOB NO.:

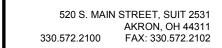
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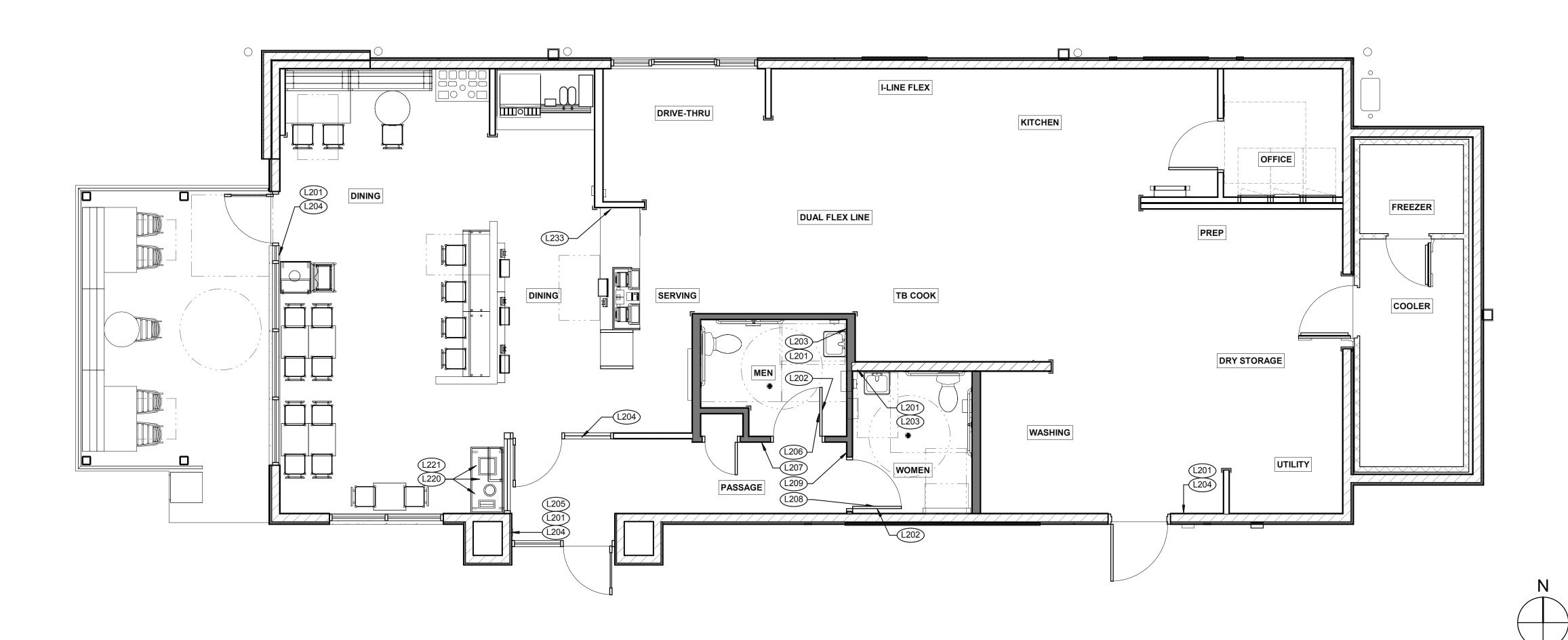
BRAND DESIGNER:

**PEST** PREVENTION GUIDE

ENDEAVOR 2.0







**SIGNAGE PLAN** 1/4" = 1'-0" **1** 

**NOT USED** 

DATE REMARKS

03.11.22 Issued for Permit

04.29.22 Issued for Bid

CONTRACT DATE: 01.24.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315289
STORE NUMBER: 456917
PA/PM: JW
DRAWN BY.: MS
JOB NO.: 2021088.41

TACO BELL

5964 West Modglin Dr. Greenfield, IN 46140

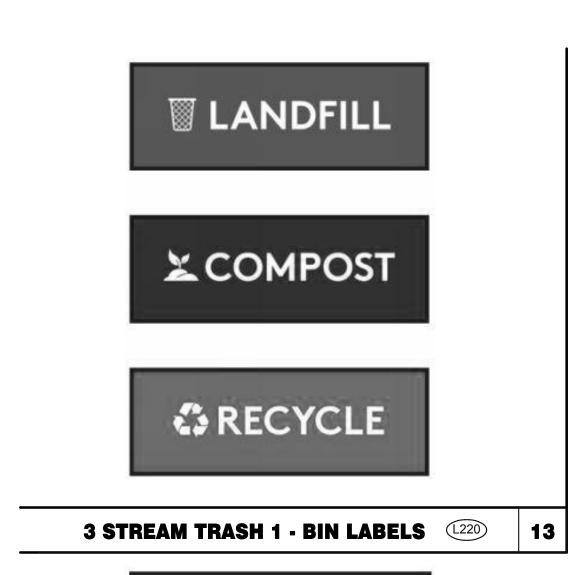


ENDEAVOR 2.0
SIGNAGE PLAN

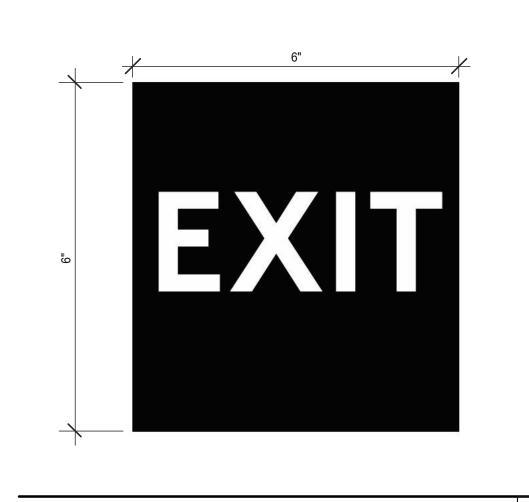
G4.0

TAG	SIGN DESCRIPTION	SIGN VERBIAGE	SIZE	MOUNTING HEIGHT	QTY	LOCATION IN RESTAURANT
L201	Smoking	No Smoking or electronic cigarette use. This is a smoke free establishment	1/16 x 9 x 6	48" MIN. A.F.F. 60" MAX. A.F.F.	4	1 in each restroom, 1 at each door
L202	Clean Restroom	To our customers:We check our restrooms every 30 minutes to make sure they are always ready for you. If we have missed something, please tell our manager on duty. Thank you	1/16 x 6 x 9	60" A.F.F.	2	1 inside each restroom (back of restroom door)
L203	Hand Wash Notice	Employees must wash hands before returning to work	1/16 x 6 x 6	60" A.F.F.	2	1 inside each restroom near sink
L204	Exit (w/ Braille)	Exit	1/16 x 6 x 6	60" A.F.F.	5	1 at each exit, mounted on wall, according to ADA guidelines
L205	Occupancy	Maximum occupancy xxx persons	1/16 x 6 x 6	8'-0" to center of sign	1	Above customer exit. Only 1 is needed
L206	Men's Restroom Triangle (W/B)	INFOGRAPHIC of male	1/4 x 12 x 12	60" A.F.F.	1	Mounted on men's restroom door
L207	Men's Restroom (w/ Braille)	INFOGRAPHIC of male and braille to read: Men's restroom	1/4 x 10 x 6.5	60" A.F.F.	1	Mounted on wall next to restroom door. refer to plans and ADA guidelines for exact location
L208	Women's Restroom Circle (W/B)	INFOGRAPHIC of female	1/4 x 12 x 12	60" A.F.F.	1	Mounted on women's restroom door
L209	Women's Restroom (w/ Braille)	INFOGRAPHIC of male and braille to read: Women's restroom	1/4 x 10 x 6.5	60" A.F.F.	1	Mounted on wall next to restroom door. refer to plans and ADA guidelines for exact location
L233	If you need assistance? ADA	Please ask if you need assistance. And ADA infographic	1/16 x 3 x 6	60" A.F.F.	1	At front counter

TAG	SIGN DESCRIPTION	SIGN VERBIAGE	SIZE	MOUNTING HEIGHT	QTY	LOCATION IN RESTAURANT	LOCATION EQUIVALENT
L220	Landfill / Compost / Recycle	Landfill / Compost / Recycle	1/16 x 8.5 x 3	SEE 4/G4.0	SET OF 3	Mount on front doors of trash receptacle at top. MUST ALSO ORDER L222. Match label with shape on top of trash receptacle	L221 (use if restaurant is NOT COMPOSTING)
L221	Landfill / Plastic, Metal, Glass / Paper	Landfill / Plastic, Metal, Glass / Paper	1/16 x 8.5 x 3	SEE 4/G4.0	SET OF 3	Mount on front doors of trash receptacle at top. MUST ALSO ORDER L223. Match label with shape on top of trash receptacle	L220 (use if restaurant is COMPOSTING)









NO SMOKING SIGN (201)



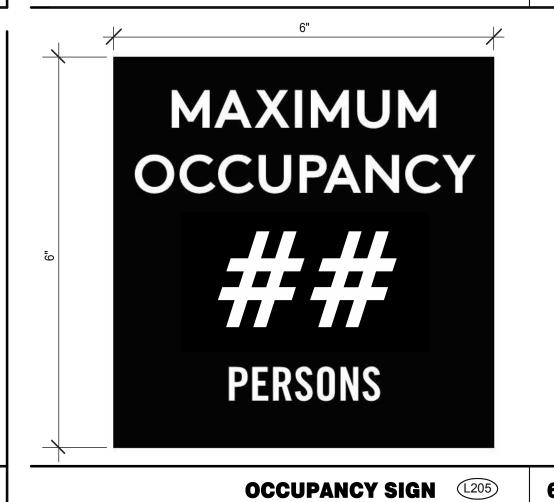




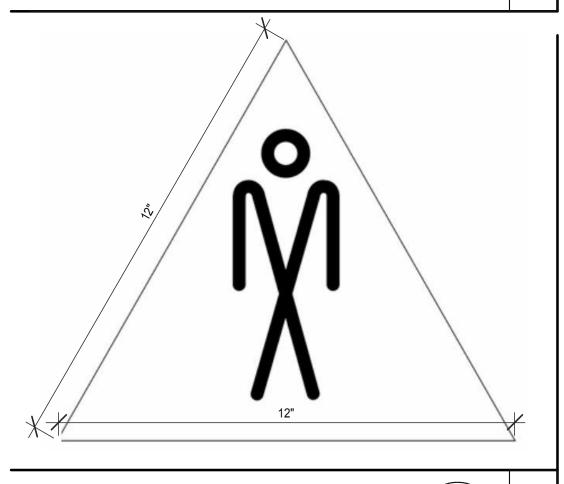


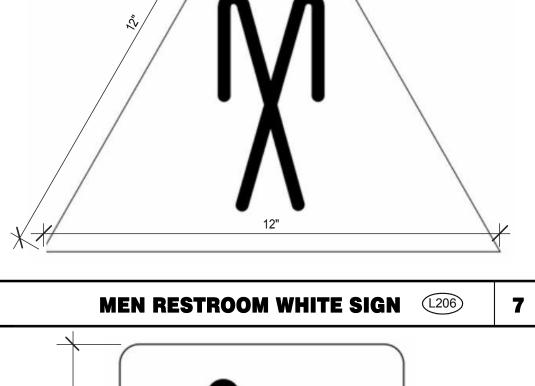
14 3 STREAM TRASH 2 - LABELS (1221)





EXIT BRAILE SIGN (204)















	04.29.22	Issued for Bid
CON	ITRACT DAT	E: 01.24.22
BUIL	DING TYPE	END. MED20
PLA	N VERSION:	MARCH 2021
BRA	ND DESIGN	ER: DICKSON
SITE	NUMBER:	315289
STO	RE NUMBER	R: 456917
PA/F	PM:	JW
DRA	WN BY.:	MS
JOB	NO.:	2021088.41

TACO BELL

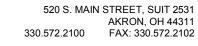
5964 West Modglin Dr. Greenfield, IN 46140

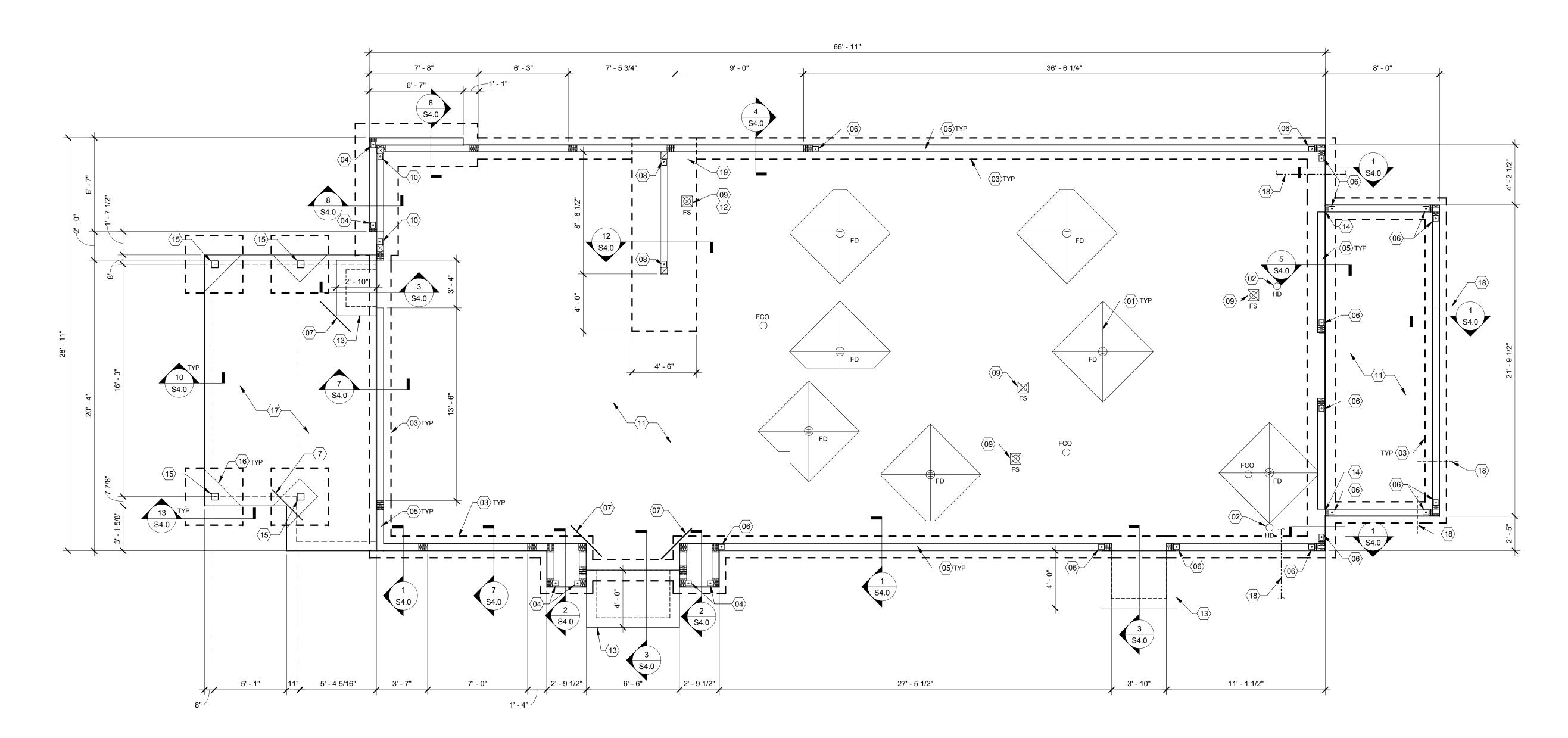


**ENDEAVOR 2.0 SIGNAGE DETAILS** 

G4.1









END. MED20 PLAN VERSION: MARCH 2021 BRAND DESIGNER: DICKSON STORE NUMBER: 2021088.41

Comments

TACO BELL

5964 West Modglin Dr.



ENDEAVOR 2.0 **FOUNDATION PLAN** 

PLOT DATE: 4/28/2022 8:47:40 AM

**FOUNDATION NOTES - TYP U.N.O.:** 

A. GEOTECHNICAL INFORMATION WAS OBTAINED FROM THE "REPORT OF SUBSURFACE INVESTIGATION AND GEOTECHNICAL RECOMMENDATIONS" PREPARED BY ALT & WITZIG ENGINEERING INC., DATED JANUARY 27, 2021. A SOILS TESTING LABORATORY SHALL BE RETAINED BY THE OWNER TO PROVIDE CONSTRUCTION REVIEW. TO TEST EXISTING SOIL CONDITIONS AND ENSURE CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS DURING THE EXCAVATION, BACKFILL, AND FOUNDATION PHASES OF THE PROJECT. CONTACT DESIGN ENGINEER IMMEDIATELY IF SOILS ENCOUNTERED DO NOT MEET

ASSUMED DESIGN SPECIFICATIONS. BASED ON THE PROJECT GEOTECHNICAL REPORT, THE FOUNDATIONS HAVE BEEN DESIGNED FOR AN ALLOWABLE SOIL BEARING PRESSURE OF 2500 PSF FOR SPREAD FOOTINGS AND 2000 PSF FOR WALL FOOTINGS. ON-SITE GEOTECHNICAL ENGINEER SHALL VERIFY THAT ALL BEARING SURFACES MEET OR EXCEED THE SOIL BEARING CAPACITY. THE FOUNDATION SHALL BEAR ON FIRM, UNDISTURBED, NATIVE SOILS OR ENGINEERED FILL AT OR EXCEEDING DEPTHS SHOWN ON THE DRAWINGS. INCREASE DEPTH AS REQUIRED BY ON-SITE GEOTECHNICAL ENGINEER. THE FOUNDATION EXCAVATION SHALL BE AS NEAT AS PRACTICAL. OVER EXCAVATION IN DEPTH AND WIDTH SHALL BE FILLED WITH LEAN CONCRETE, OR COMPACTED, APPROVED BACKFILL. ALL LOOSE SOILS SHALL BE REMOVED FROM THE EXCAVATION PRIOR TO PLACEMENT OF REINFORCING OR CONCRETE. IF POOR SOIL CONDITIONS ARE ENCOUNTERED AT THE FOUNDATION DEPTH

SHOWN, NOTIFY OWNER'S REPRESENTATIVE AND ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION.

CONTRACTOR TO PROVIDE FOUNDATION & FOOTING AS REQUIRED FOR PYLON OR MONUMENTAL SIGN. SEE ELECTRICAL DRAWINGS FOR DETAIL. PROTECT PIPES AND CONDUITS RUNNING THROUGH WALLS AND SLABS WITH 1/2 INCH EXPANSION MATERIAL. LOWER CONTINUOUS FOOTINGS PERPENDICULAR TO PIPE RUNS TO ALLOW PIPES TO PASS ABOVE THE FOOTINGS. ALTERNATIVELY, PROVIDE A CONCRETE JACKET IF PIPES ARE LOW ENOUGH TO BE PLACED BELOW THE FOOTINGS AND GRADE BEAMS. LOWER FOOTINGS AND GRADE BEAMS PARALLEL TO PIPE RUNS TO AVOID

SURCHARGE ONTO ADJACENT TRENCH EXCAVATIONS. MAINTAIN SUBGRADE AND FILL MOISTURE CONTENT UNTIL FOUNDATIONS ARE PLACED. ARRANGE FOR OWNER'S INDEPENDENT TESTING AGENCY TO MONITOR CUT AND FILL OPERATIONS AND PERFORM FIELD DENSITY AND MOISTURE CONTENT TESTS TO VERIFY COMPACTION AND APPROVE FOOTING SUBGRADES PRIOR TO PLACING CONCRETE.

 $\hbox{G.} \quad \hbox{DO NOT PLACE FOOTINGS OR SLABS AGAINST SUBGRADE CONTAINING FREE WATER,} \\$ 

SECTION 5.11 AND STANDARD PRACTICE FOR CURING CONCRETE REPORTED BY ANCHOR BOLTS - ASTM F1554 GR 36. ANCHOR BOLTS SHALL BE TIED IN PLACE PRIOR TO PLACEMENT OF CONCRETE. SEE SCHEDULE FOR REQUIREMENTS. TO RESIST FREEZE - THAW DETERIORATION W/C. RATIO SHALL NOT EXCEED .50 FOR CONCRETE IN CONTACT WITH SOILS. TOTAL AIR CONTENT TO BE 6% ± 1%. A. DESIGN IS BASED UPON 4" THICK CONCRETE SLAB REINFORCED WITH WWF 6x6-W2.9xW2.9 CENTERED IN SLAB OVER 10 MIL VISQUEEN MEMBRANE, ON PREPARED SUBGRADE PER THE PROJECT GEOTECHNICAL REPORT.

<u>CONCRETE:</u>
CONCRETE SHALL BE HARD ROCK CONC. (5 SACK CEMENT PER CU.YD. MIN.) AND MEET THE

AGGREGATE

SIZE - INCHES 1" x #4

1" x #4

A. CONCRETE MIX DESIGN AND TESTING SHALL MEET WITH THESE SPECS. CEMENT SHALL BE

IN ACCORDANCE WITH ASTM C 150 TYPE II. VERIFY MIN. CONC. STRENGTH AND CEMENT

REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60. STEEL SHALL BE KEPT

CONCRETE CURING SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF ACI-318-11

INCHES

TOLERANCE

FOLLOWING MIN. ULTIMATE COMPRESSIVE STRENGTHS AT 28 DAYS:

MIN STRENGTH

28 DAY PSI (4000 DESIGN)

(4000 DESIGN)

LOCATION SLAB ON GRADE

FOUNDATIONS

CLEAN AND FREE OF RUST.

MISCELLANEOUS:
A. DIMENSIONS NOTED ARE TO FACE OF CONCRETE. REFER TO DWG. A1.0 FOR DIMENSIONS TO FACE OF STUD AND OTHER DIMENSIONS NOT OTHERWISE NOTED. DRAWINGS SHALL NOT BE SCALED. ALL DIMENSIONS AND FIT SHALL BE DETERMINED AND

VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK. DETAILS NOT FULLY OR SPECIFICALLY SHOWN SHALL BE OF SAME NATURE AS OTHER SIMILAR CONDITIONS.

SEE PLUMB. DWGS. FOR PLUMB. LAYOUT DIMENSIONS, U.O.N. SEE ELECT. DWGS. FOR ELECT. LAYOUT DIMENSIONS, U.O.N. COORD. FOUNDATION AND SLAB LAYOUT WITH OTHER TRADES PRIOR TO PLACING SLAB.

**FOUNDATION NOTES** 

 $|10\rangle$  HD12 HOLDOWN ANCHOR AT EACH END OF FRONT SHEARWALL. SEE 6/S4.0 FOR HOLDOWN EMBEDMENT DETAIL. ENTRANT CORNERS.

 $\langle 08 
angle$  HD19 HOLDOWN ANCHOR AT EACH END OF SHEARWALL. SEE 6/S4.0 FOR HOLDOWN EMBEDMENT DETAIL.

(18) UNDERGROUND PIPE, SEE CIVIL AND PLUMBING DWGS.

(09) FLOOR SINK REFER TO PLUMBING DRAWINGS FOR LOCATION. (19) BOTTOM OF FOOTING STEPS DOWN, SEE SECTION 12/S4..0

O1) SLAB SHALL BE PITCHED 1/2" FOR 5'-0" x 5'-0" SQUARE AT ALL FLOOR DRAINS U.O.N. REFER TO PLUMBING DRAWINGS FOR

PROVIDE HUB DRAIN (HD) UNLESS REQUIRED BY LOCAL CODE TO HAVE FLOOR SINK (FS).

 $\langle 03 \rangle$  INDICATES INSIDE SURFACE OF FOOTING. SEE SHEET S4.0.

ANCHOR BOLTS LOCATED THROUGHOUT PERIMETER OF

"PLATE/ANCHOR BOLT" COLUMN OF THE "WALL SHEATHING

06 HDU5 HOLDOWN ANCHOR AT EACH END OF SHEARWALL. SEE 6/S4.0 FOR HOLDOWN EMBEDMENT DETAIL.

 $\langle 07 
angle$  (2) #4x3'-0" LG. RE-ENTRANT BARS (CENTERED IN SLAB) AT

BUILDING SHALL BE PROVIDED AS REQUIRED PER THE

04 HTT5 HOLDOWN ANCHOR. SEE 6/S4.0 FOR HOLDOWN EMBEDMENT DETAIL.

AND SHEARWALL SCHEDULE." SEE D/S2.0.

ÀLL RE-ENTRANT CORNERS.

CIVIL PLAN FOR EXTENTS OF SLAB.

AND BUILDING FOUNDATIONS.

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

 $\langle 11 \rangle$  4" CONCRETE SLAB - SEE FOUNDATION PLAN NOTES D/S1.0.

FORM FOOTING TO ACCOMMODATE FLOOR SINK AND DRAIN LINE INSTALLATION.

SHEAR WALL SHEATHING SHALL BE CONTINUOUS AT COOLER WALL INTERSECTION.

W2.9xW2.9 W.W.F. (CENTERED IN SLAB) OVER 4" COMPACTED

NOTES THIS SHEET FOR ADDITIONAL INFORMATION. REFER TO

GRANULAR FILL OVER COMPACTED SUBGRADE. SEE SLAB

FROST SLAB - SEE CIVIL PLANS FOR TOP OF CONCRETE ELEVATION.

 $\langle 15 \rangle$  HSS6X6X3/16 COLUMN WITH 3/4"X1'-0"X1'-0" BASE PLATE.

 $\langle 16 
angle$  SLAB ISOLATION JOINT AT CANOPY COLUMNS. TYPICAL.

 $\langle 17 \rangle$  4" EXTERIOR CONCRETE SLAB REINFORCED WITH 4x4-

MODIFY BASE MATERIAL AS REQUIRED BY ON-SITE SOILS

TESING AGENCY. PROVIDE BOND BREAKER BETWEEN SLAB

MAINTAIN PROPER SITE DRAINAGE DURING CONSTRUCTION TO ENSURE SURFACE RUNOFF AWAY FROM STRUCTURES AND TO PREVENT PONDING OF SURFACE RUNOFF NEAR THE STRUCTURES. **DESIGN CRITERIA** 

**DESIGN CRITERIA**:

ROOF SNOW LOADS: GROUND SNOW LOAD (Pg):

FLAT ROOF SNOW LOAD (Pf):

MIN. ROOF SNOW LOAD (Pmin):

EXPOSURE CATEGORY (MWFRS):

INTERNAL PRESSURE COEFF.: ± 0.18

SEE SHEET S4.4 FOR COMPONENT AND

CLADDING PRESSURES AND DIAGRAM.

EXPOSURE FACTOR (Ce):

IMPORTANCE FACTOR (I):

THERMAL FACTOR (Ct):

DEAD LOAD:

RISK CATEGORY:

<u>DESIGN CRITERIA:</u> 2014 INDIANA BUILDING CODE (2012 IBC)

SEISMIC LOADS: RISK CATEGORY

SITE CLASS:

20 PSF

115 MPH

SEISMIC IMPORTANCE FACTOR: 1.0

MAPPED SPECTRAL RESPONSE ACCEL:

0.024\*W

SPECTRAL RESPONSE COEFF.:

SEISMIC DESIGN CATEGORY:

RESPONSE MOD FACTOR (R):

ANALYSIS BY SIMPLIFIED PROCEDURE

DESIGN BASE SHEAR (Cs):

SHORT PERIODS (SDS):

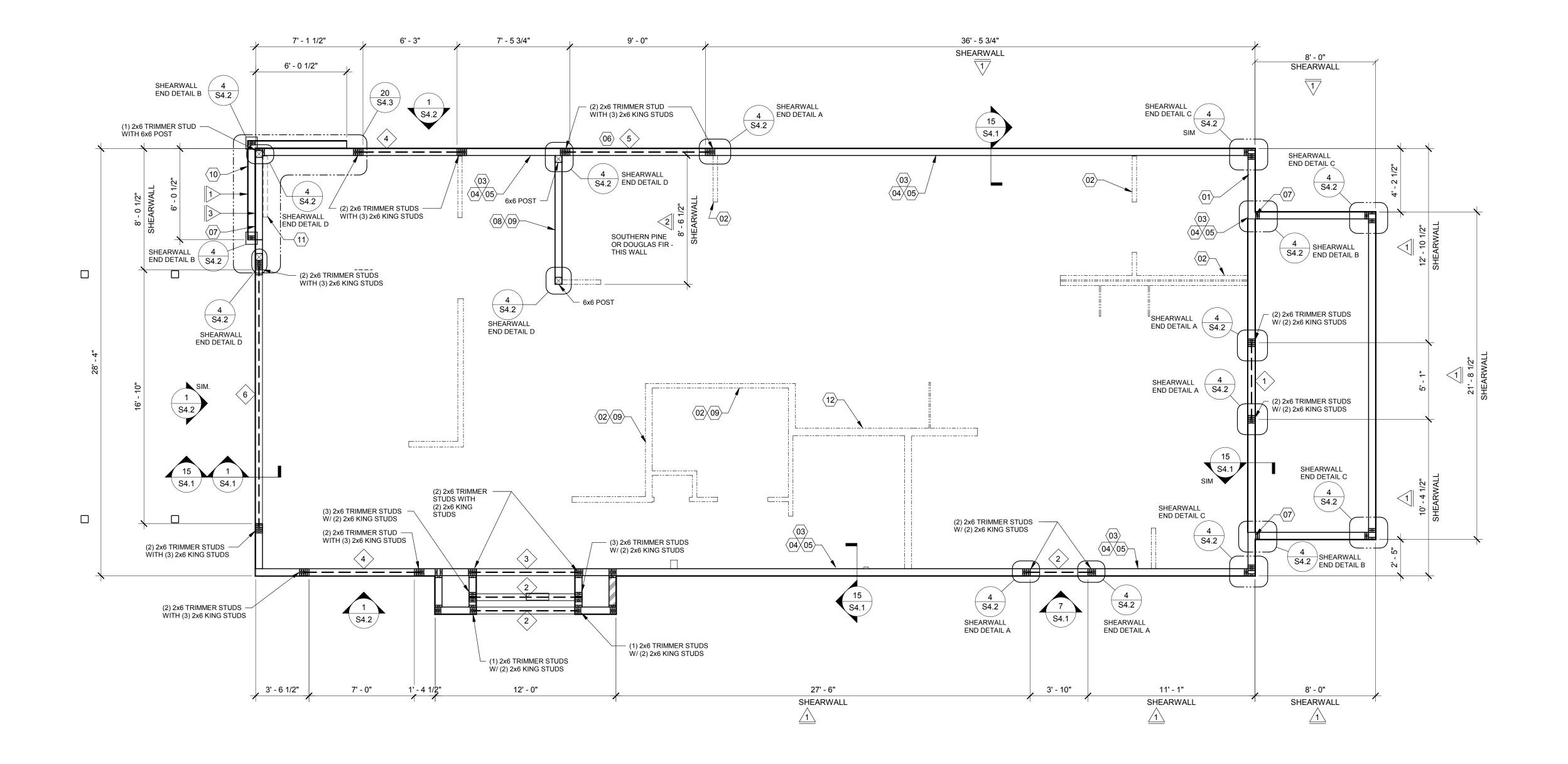
1 SEC. PERIODS (SD1)

WOOD SHEARWALLS

FOUNDATION KEYNOTES



520 S. MAIN STREET, SUIT 2531 330.572.2100 FAX: 330.572.2102



CON	TRACT DAT	E:	10.05.21

04/29/22 Issued for Bid

BUILDING TYPE: END. MED20 PLAN VERSION: MARCH 2021 BRAND DESIGNER: DICKSON SITE NUMBER: STORE NUMBER: PA/PM: DRAWN BY.

5964 West Modglin Dr.

Greenfield, IN 46140

2021088.41

WALL FRAMING PLAN 1/4" = 1'\_O" A

MING PLAN	1/4" = 1'-0"	A	
			TACO BELL

	HEADEF	RSCHEDULE
MARK	BUILT-UP MANUF. MEMBER	
$\langle 1 \rangle$	(3) 2x8	-
2	(3) 2x10	-
3	(3) 2x12	-
4		5 1/4" x 9 1/4" PSL
5		5 1/4" x 11 1/4" PSL
<u>6</u>		5 1/4" x 14" PSL

Fb = 2900 PSI Fc = 750 PSI

Fv = 290 PSI E = 2000 KSI

NO.	TES:
1.	BUILT-UP HEADER SECTION SHALL HAVE 1/2" PLYWOOD SANDWICHED
	PIECES. REF. 14/S4.1
2	PSL REAMS TO HAVE FOLLOWING MIN. PROPERTIES:

- WALL SHEATHING AND SHEARWALL SCHEDULE EDGE SW | SHEATHING PLATE / ANCHOR BOLT **REMARKS** 1/2" CDX PLYWD (32/16), PS1 RATING 10d @ 12" O.C. 5/8" DIA. F1554 (22x3) @ 32" O.C. W/ WASHER PLYWOOD ON EXTERIOR FACE OF STUDS 10d @ 6" O.C. 1/2" CDX PLYWD (32/16), PS1 RATING 10d @ 12" O.C. 5/8" DIA. F1554 (18x3) @ 16" O.C. W/ WASHER PLYWOOD ON BOTH SIDES OF STUDS 3> 1/2" CDX PLYWD (32/16), PS1 RATING 10d @ 12" O.C. | 5/8" DIA. F1554, (22x3) @ 16" O.C. W/ WASHER PLYWOOD ON EXTERIOR FACE OF WALL 10d @ 4" O.C. NAILING AT HEADERS PER 14/S4.1
- REQUIREMENTS FOR EXTERIOR NON-SHEARWALL WALLS OSB OF COMPARABLE THICKNESS MAY BE USED IN LIEU OF PLYWOOD WHEN APPROVED IN WRITING BY THE PROJECT ENGINEER AND THE LOCAL JURISDICTION OF COMPARABLE
- PROJECT ENGINEER AND THE LOCAL JURISDICTION. BLOCK ALL UNSUPPORTED EDGES WITH 2x MATERIAL U.O.N. BLOCK EDGES WITH 3x MATERIAL WHERE 10d NAILING IS 3" O.C. OR LESS AND 8d NAILING IS 2" O.C. OR LESS.ALL UNSUPPORTED EDGES WITH 2x MATERIAL U.O.N. BLOCK EDGES WITH 3x MATERIAL WHERE 10d NAILING IS 3"
- O.C. OR LESS AND 8d NAILING IS 2" O.C. OR LESS. ALL PLYWOOD NAILS SHALL BE COMMON WIRE. SEE SPECIFICATIONS FOR OTHER NAIL

THICKNESS MAY BE USED IN LIEU OF PLYWOOD WHEN APPROVED IN WRITING BY THE

REQUIREMENTS. EXTERIOR WALLS NOT DESIGNATED AS SHEARWALLS IN THE WALL FRAMING PLAN SHALL MEET REQUIREMENTS INDICATED FOR NON-SHEARWALL WALLS IN THE SCHEDULE ABOVE.

D

# A. EXTERIOR WALL NON-BEARING & BEARING STUDS SHALL BE SOUTHERN PINE NO. 2. 6x6 POSTS TO BE SOUTHERN PINE NO. 2. INTERIOR WALL STUDS MAY BE STUD GRADE.

- B. ALL BEAMS AND JOISTS SHALL BE SEAT CUT FOR FULL UNIFORM BEARING AT SUPPORTS, BEAM SEATS AND COLUMN CAPS. SEE SHEET A1.0 FOR DIMENSIONS.
- EXTERIOR STUD WALLS ARE 2x6 AT 16" O.C. U.O.N.

**WALL FRAMING NOTES - TYP U.N.O.**:

- ALL WOOD IN CONTACT WITH CONC., STEEL OR GRADE SHALL BE PRESSURE TREATED. ALL BOLTED OR NAILED STRAP CONNECTIONS SHALL HAVE AN EQUAL NUMBER OF BOLTS OR NAILS EACH SIDE OF THE SPLICE JOINT. THE FIRST BOLT OR NAIL FROM EACH SIDE OF THE SPLICED OR TREATED MEMBER SHALL BE EQUAL DISTANCE FROM THE SPLICE. STRAPS USING 16d NAILS ON 2x MATERIAL SHALL BE INSTALLED ON THE 1-1/2" EDGE OF
- G. THE CONTRACTOR SHALL VERIFY THAT THE MOISTURE CONTENT OF ALL FRAMING LUMBER AND PLYWOOD MEET THE REQUIREMENTS OF THE SPECS. AT THE TIME OF INSTALLATION
- AND AT CLOSE-IN. H. USE PRESSURE TREATED LUMBER AT WINDOW JAMBS, SILL AND STUDS UNDER SILL AS WELL AS ALL TOILET PLUMBING WALLS.

# STUD LAYOUT: A. LAYOUT STUDS ON SIDEWALLS (LONG WALLS) STARTING AT REAR OF BUILDING TOWARDS

B. LAYOUT STUDS ON ENDWALLS (SHORT WALLS) STARTING AT EACH END AND WORKING TOWARDS CENTER.

- $\langle 01 \rangle$  COORDINATE WITH ELECTRICAL POWER PLAN SHEET E3.0.
- 02 INTERIOR NON-BEARING STUD WALL FRAMING; REFER TO SHEET A1.0 FOR DIMENSIONS AND STUD SIZES. SEE DETAIL 10 & 11/S4.1 AND WALL FRAMING NOTES.
- (2) 2x6 TOP PLATES AT TRUSS BEARING SPLICE PER 16/S4.1. U.O.N. REF. 1/S4.3 FOR PARAPET CAP DETAIL.
- $\langle 04 \rangle$  TOP OF TRUSS BEARING PLATE. SEE DETAIL 2/S4.1.
- $\langle 05 \rangle$  TOP OF PARAPET. SEE S3.0.
- ENSURE ROUGH OPENING DIMENSION TO PROVIDE TOLERANCE FOR DRIVE THRU WINDOW INSTALLATION. COORDINATE WITH WINDOW MANUFACTURER.
- $\langle 07 
  angle$  EXTERIOR SHEATHING SHALL NOT BE INTERRUPTED WITH ADJACENT FRAMING TYPICAL.
- 108 INTERIOR SHEAR WALL. FRAMING FOR 2x6 STUDS, BLOCKING, & SILL PLATE SHALL BE SOUTHERN PINE OR DOUGLAS FIR AT THIS WALL. PROVIDE 6x6 POST AT EACH END OF WALL.
- $\langle 09 \rangle$  COORDINATE WITH PLUMBING ROUGH IN SHEET P4.0.
- 2x FRAMING ON THICKENED CONCRETE FOUNDATION / PIER; SEE SHEETS S1.0 AND S4.0. DIMENSIONS FOR FRAMING ARE TO FACE OF STUD.
- $\langle 11 \rangle$  2x4 FRAMING FOR ALCOVE. SEE ARCHITECTURAL.
- $\langle 12 \rangle$  COLD-FORMED STUD WALL (NON-LOAD BEARING STUD WALL). SEE ARCH.

ENDEAVOR 2.0
WALL FRAMING
DI AN

PLOT DATE: 4/28/2022 8:47:43 AM

WALL SHEATHING AND SHEARWALL SCHEDULE

5. SHEARWALL LENGTHS WHERE NOTED ARE MINIMUM. DO NOT LOCATE HOLDOWNS FROM

6. HD REFERS TO SIMPSON STRONGTIE CO. HOLDOWNS. INSTALL PER 6/S4.0. POST WIDTH

8. WHERE PANELS ARE APPLIED TO BOTH FACES OF A WALL AND NAIL SPACING IS LESS THAN

MEMBERS OR FRAMING SHALL BE 3x OR THICKER AND NAILS ON EACH SIDE SHALL BE

6" O.C. ON EITHER SIDE, PANEL JOINTS SHALL BE OFFSET TO WALL ON DIFFERENT FRAMING

SHALL MATCH STUD WALL WIDTH. SEE FOUNDATION PLAN FOR OTHER REQ'S.

THESE DIMENSIONS. SEE ARCH DWGS FOR ACTUAL WALL LENGTHS.

EDGE NAIL WALL PLY TO STUDS OR POSTS WITH HOLDOWNS.

WALL FRAMING NOTES

C

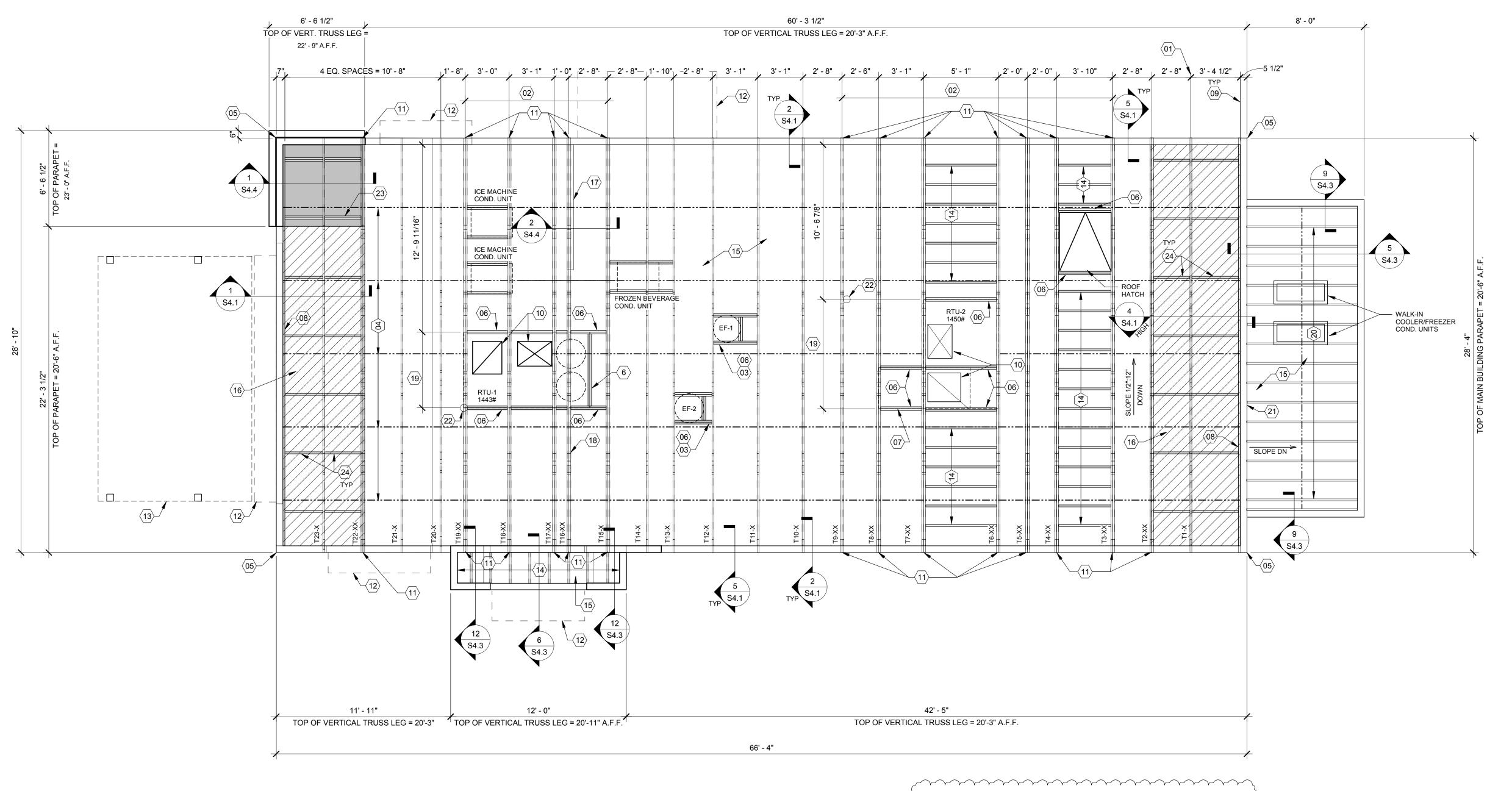
E **HEADER SCHEDULE** 

**WALL FRAMING KEYNOTES** 



520 S. MAIN STREET, SUIT 2531 330.572.2100 FAX: 330.572.2102





**EXTREME CARE SHALL BE USED IN ERECTING ROOF TRUSSES -COMPLY WITH TPI BRACING REQUIREMENTS.** 

SEE ARCHITECTURAL DRAWINGS FOR DRAIN REQUIREMENTS.

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

JOE	NO.:	
	TACO	RI

5964 West Modglin Dr.

Greenfield, IN 46140

CONTRACT DATE:

BUILDING TYPE:

PLAN VERSION:

SITE NUMBER:

PA/PM:

DRAWN BY.

STORE NUMBER:

BRAND DESIGNER:

1 03/22/2022 Revision #1 -

04/29/22 Issued for Bid

Comments

END. MED20

MARCH 2021

DICKSON

315289

456917

2021088.41

NAILING / SHEATHING	REMARKS
10d @ 6" O.C.	
10d @ 6" O.C.	

10d @ 12" O.C. ROOF SHEATHING | 23/32" CDX PLYWOOD (48/24), PS1 RATING

SEE 8/S4.2 FOR DEFINITIONS AND ROOF NAILING PLAN.

SEE 11/S4.2 FOR TYPICAL NAILING SCHEDULE.

ROOF NAILING SCHEDULE

**TYPE** 

A. ALL UNSUPPORTED EDGES OF PLYWOOD SHEATHING SHALL BE SUPPORTED WITH SIMPSON PSCL CLIPS, PROVIDE (2) CLIPS EQUALLY SPACED BETWEEN EACH TRUSS/SUPPORT. SEE DETAIL 9/S4.2. OSB OF COMPARABLE THICKNESS MAY BE USED IN LIEU OF PLYWOOD WHEN APPROVED IN WRITING BY THE PROJECT ENGINEER AND THE LOCAL JURISDICTION.

B. ALL MECHANICAL SUPPLY AND RETURN OPENINGS SHALL BE BETWEEN FRAMING U.O.N.

MANUFACTURED ROOF TRUSS NOTES:
A. MFR'D ROOF TRUSSES ARE AT 2'-8" O.C. U.O.N.

B. "T-#" DENOTES ROOF TRUSS TYPE. REFER TO SCHEDULE 7/S4.2. TRUSS DWGS ARE PROVIDED FOR CONCEPTUAL DESIGN ONLY. MFR. SHALL SUBMIT SHOP DWGS. AND CALCS, BOTH SIGNED BY A LICENSED STRUCTURAL ENGINEER (STATE OF INDIANA). SUBMIT SHOP DWGS. AND CALCS TO THE ARCHITECT AND ENGINEER FOR REVIEW AND SUBMITTAL AND, IF REQUIRED, TO BLDG OFFICIAL FOR APPROVAL PRIOR TO

FABRICATION. SHOP DWGS SHALL INCLUDE LAYOUT PLAN AND CONNECTORS. CALCS SHALL BE BASED ON THE SPECIFIED LOADING CONDITIONS SHOWN HEREIN. MFR SHALL PROVIDE HANGERS AND CONNECTIONS BETWEEN TRUSSES. REVIEW AND APPROVE DIMENSIONS, SHAPES AND DETAILS SHOWN ON SHOP DWGS. PRIOR TO SUBMITTAL TO THE ARCHITECT / ENGINEER FOR REVIEW AND COMMENT.

TRUSS MFR SHALL PROVIDE HANGERS AND CONNECTORS ADEQUATE FOR LOADS. ROOF CONNECTORS ARE BASED UPON SIMPSON "STRONG TIE" OR APPROVED EQUAL. TRUSS CHORDS AND PARAPET VERTICALS SHALL BE 2x6 MIN AND CONSISTENTLY SIZED

THROUGHOUT PROJECT. REFER TO TRUSS ELEVATIONS FOR SHAPE, OVERHANG, SLOPES, SPAN, ETC. LOCATION OF BEARING POINTS ARE AS INDICATED ON THE DRAWINGS. SEE 2/S4.2.

G. MFR'D ROOF TRUSS DESIGN LOADS: SEE TRUSS DESIGN CRITERIA 3/S4.2. H. THE POSITIONS, WEIGHTS, AND METHODS OF ATTACHMENT OF ALL MECHANICAL UNITS, ELECT FIXTURES, PLUMBING, ETC. SHALL BE INCLUDED IN THE DESIGN OF THE TRUSSES BY

DESIGN ROOF TRUSSES TO SUPPORT ALL IMPOSED LOADS, INCLUDING WIND & LATERAL LOADS. COORDINATE SIZE, LOCATION AND WEIGHT OF EQUIPMENT WITH MECHANICAL WORK. PROVIDE MULTIPLE TRUSSES WHERE ONE TRUSS CANNOT SUPPORT THE LOAD. PROVIDE BRIDGING BETWEEN TRUSSES AS SPECIFIED AS MINIMUM STANDARD.

INSTALLATION OF ALL TRUSSES SHALL BE DONE USING A SPREADER BAR WITH A THREE POINT VERTICAL PICK. CARE SHALL BE USED IN LIFTING TO PREVENT HORIZONTAL BENDING. IMPROPER HANDLING OF THE TRUSSES AS NOTED ABOVE AND IN THE SPECS SHALL MEAN REMOVAL OF THE TRUSSES FROM THE JOBSITE AND REPLACEMENT AT CONTRACTOR'S

L. SEE DIV. 6 OF THE SPECS FOR DETAILS ON TRUSS MANUFACTURING AND NAILING.

DELEGATED DESIGN NOTE:
ALL DEFERRED SUBMITTALS SHALL CONTAIN SHOP DRAWING PLANS AND DESIGN CALCULATIONS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED (OTHER THAN THE ENGINEER OF RECORD) IN THE STATE OF INDIANA. THE DEFERRED SUBMITTALS SHALL BE SUBMITTED TO ENGINEER OF RECORD FOR REVIEW OF GENERAL CONFORMANCE WITH THE BUILDING DESIGN PRIOR TO CONSTRUCTION, FABRICATION, AND/OR ORDERING OF MATERIALS. ENGINEER OF RECORD APPROVED DEFERRED SUBMITTALS SHALL BE REVIEWED AND APPROVED BY THE LOCAL BUILDING OFFICIALS PRIOR TO INSTALLATION. THE FOLLOWING ITEMS SHALL BE SUBMITTED PER THIS SECTION (REFER TO PLANS FOR ADDITIONAL INFORMATION):

MANUFACTURED WOOD ROOF TRUSSES

 $\langle 01 \rangle$  STARTING POINT OF TRUSS LAYOUT.

AND ADDITIONAL UNIFORM LOADING, TYPICAL.

(02) VERIFY NECESSITY OF DOUBLE TRUSSES WITH TRUSS MFR. DUE TO POINT LOADING

 $\langle 03 
angle$  COORDINATE BLOCKING WITH EXHAUST AND SUPPLY DUCT.

(04) CONT 2x4 WD BRIDGING ON TOP OF BOTTOM CHORD. ADJUST AS REQUIRED FOR DUCT PLENUMS, MAX SPACING AT 7'-0" O.C. OR TIGHTER SPACING AS REQUIRED BY TRUSS DESIGN. SEE 8 & 9/S4.1 FOR BRIDGING LAP DETAIL.

 $\langle 05 
angle$  SIMPSON MSTA 24 AT CORNER DBL TOP PLATE. CENTER STRAP ON CORNER. (2) 2x6 BLOCKING W/ U26-2 HANGERS. TYP. AT EDGES OF ALL ROOF TOP EQUIPMENT AND ALL ROOF OPENINGS. SEE DET. 6 \* 40/04 6

AND ALL ROOF OPENINGS - SEE DET. 6 & 10/S4.2. (07) LOC. OF HOOD. SEE HOOD DRAWINGS FOR HOOD ATTACHMENT DETAIL 13/S4.1.

 $\langle 08 \rangle$  (2) 2x6 LEDGER REF. 6/S4.1.

 $\langle 09 \rangle$  DIMENSION IS FROM INSIDE FACE OF WALL FRAMING.

10 HVAC ROOF OPENING FOR DUCT. VERIFY SIZE WITH HVAC MFR. & MECHANICAL

(2) 2x6 BUILT-UP COLUMN AT TRUSS BEARING, TYP. AT MULTIPLY TRUSSES. REF. DETAIL 12/S4.2.

 $\langle 12 \rangle$  CANOPY- SEE ARCH. DWGS.

OUTLINE OF CANOPY FRAMING. SEE CANOPY FRAMING PLAN ON SHEET S4.5 FOR CANOPY ROOF FRAMING.

(14) 2x6 @ 16" O.C. WITH SIMPSON LUS26 HANGER EA. END.

 $\langle 15 \rangle$  PLYWOOD ROOF SHEATHING. SEE NAILING SCHEDULE, THIS SHEET.

HATCH DENOTES LOCATION OF KICKERS. SEE 1/S4.4 FOR ADDITIONAL INFORMATION REGARDING KICKERS.

INTERIOR SHEAR WALL BELOW. ALIGN DINING SIDE OF WALL WITH SIDE OF TRUSS. SEE DTL. 2/S4.4.

DRAG TRUSS AT INTERIOR SHEAR WALL. PROVIDE DOUBLE TRUSS. DESIGN DRAG TRUSS FOR 437 PLF (ASD, 0.6\*W) ALONG TOP CHORD OF TRUSS (11,981 LBS TOTAL). ATTACH ROOF SHEATHING TO DRAG TRUSS WITH 10d NAILS @ 3" O.C. ALONG ENTIRE

(19) SEE MECHANICAL DRAWINGS FOR SIZE OF SELECTED RTU OPTION.

20 2x10 @ 16" O.C. WITH SIMPSON LUS26 HANGER EA. END. PROVIDE CONT. BLOCKING BETWEEN 2x's AT MIDSPAN.

PORTION OF PARAPET IS ABOVE ROOF OF WALK-IN COOLER. SEE ELEVATION FOR DETAILS.

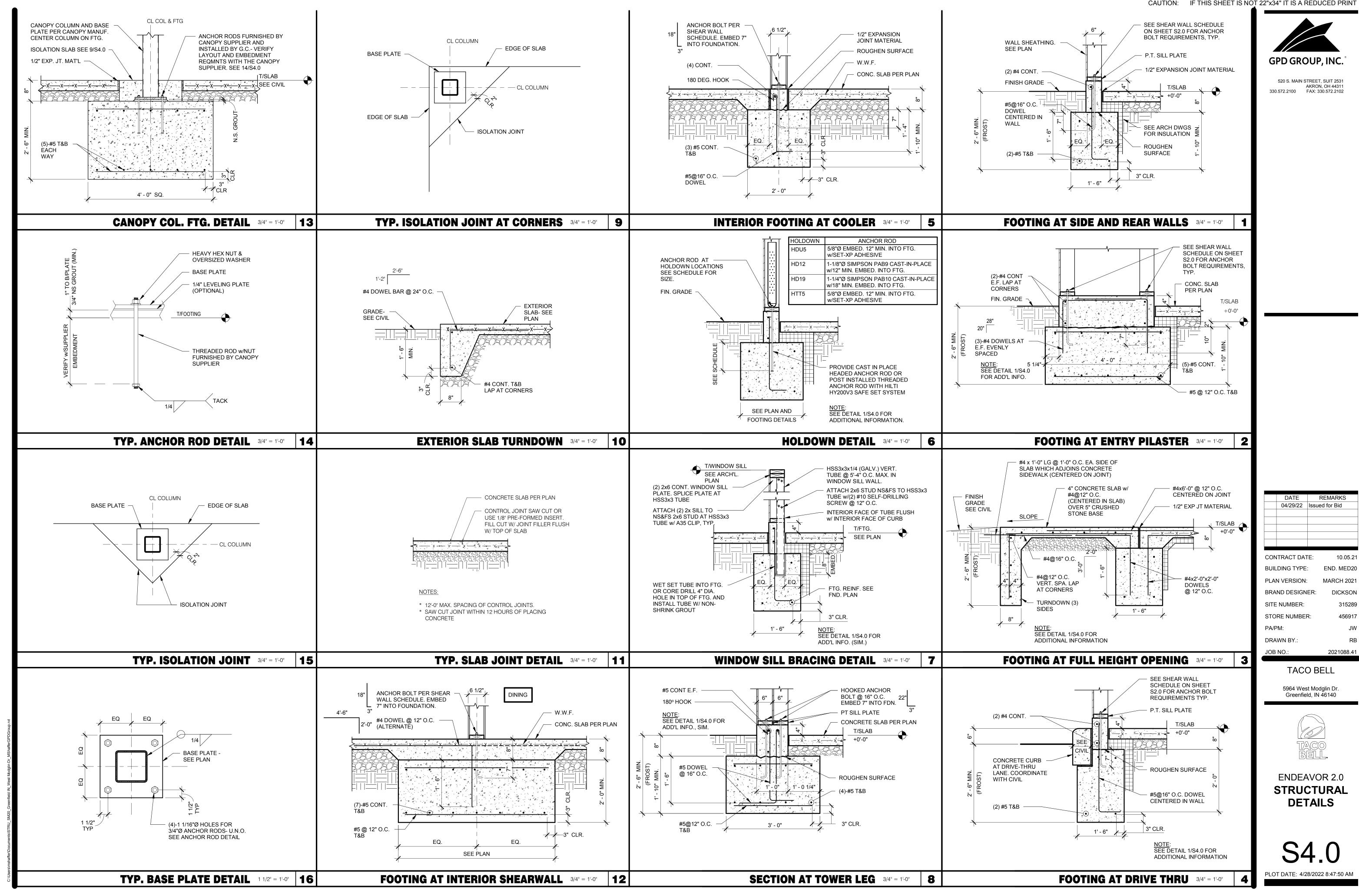
 $\langle 22 \rangle$  RTU LOCATION POINT.

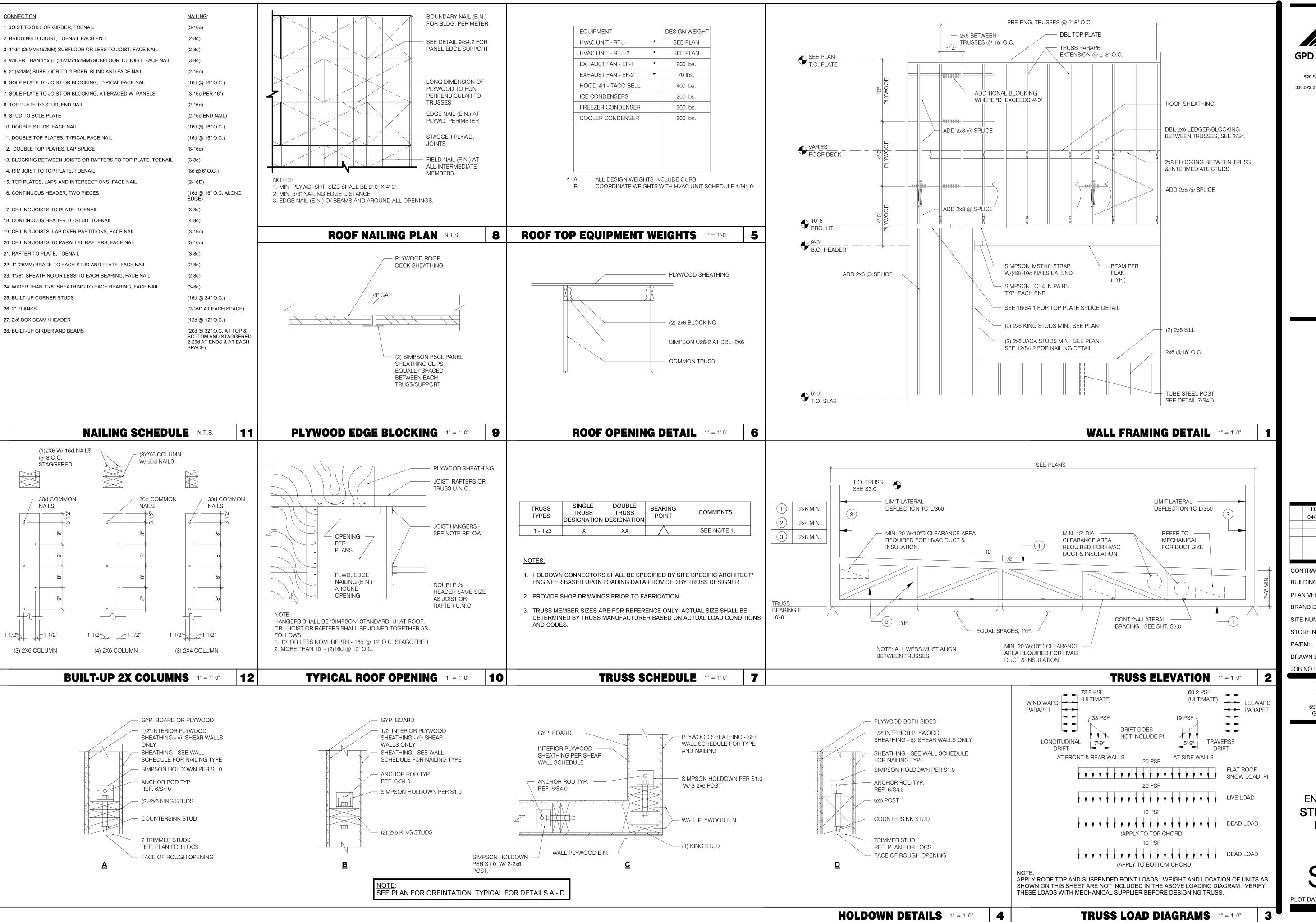
(2) 2x6 BLOCKING W/ U26-2 HANGERS EACH END AT 24" O.C. BELOW KICKERS AT HIGH

 $\langle 24 \rangle$  2x BLOCKING AT BRACES. SEE 1 & 4/S4.1

**ENDEAVOR 2.0 ROOF FRAMING PLAN** 

**ROOF NAILING SCHEDULE** D **ROOF FRAMING NOTES** C **ROOF FRAMING KEYNOTES** 





GPD GROUP, INC.

520 S. MAIN STREET, SUIT 2531 AKRON, OH 44311 330.572.2100 FAX: 330.572.2102

DATE REMARKS
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BRAND DESIGNER: DICKSON
SITE NUMBER: 315289
STORE NUMBER: 456917
PA/PM: JW
DRAWN BY.: RB
JOB NO.: 2021088.41

TACO BELL

5964 West Modglin Dr. Greenfield, IN 46140



STRUCTURAL DETAILS

**S4.2**PLOT DATE: 4/28/2022 8:47:56 AM

END. MED20

MARCH 2021

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456917

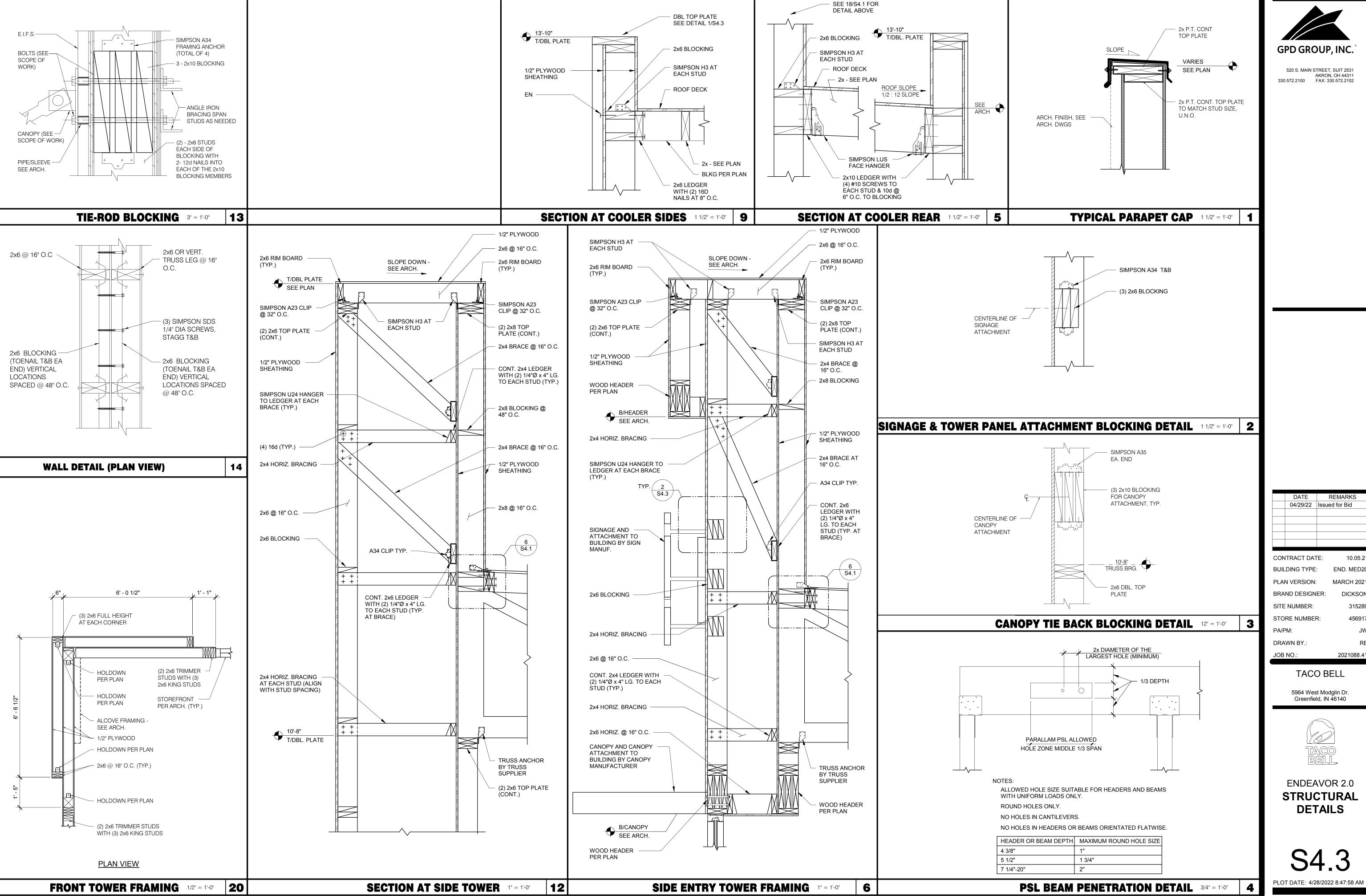
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TACO BELL

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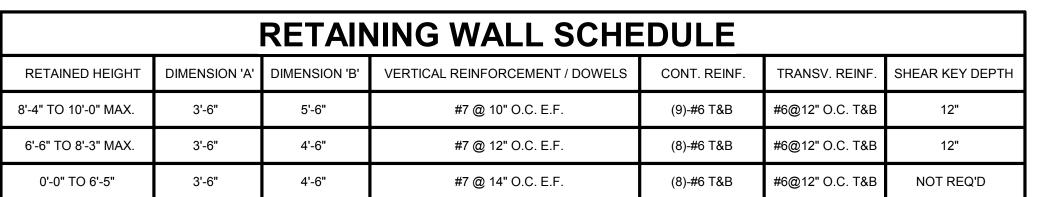
**DETAILS** 

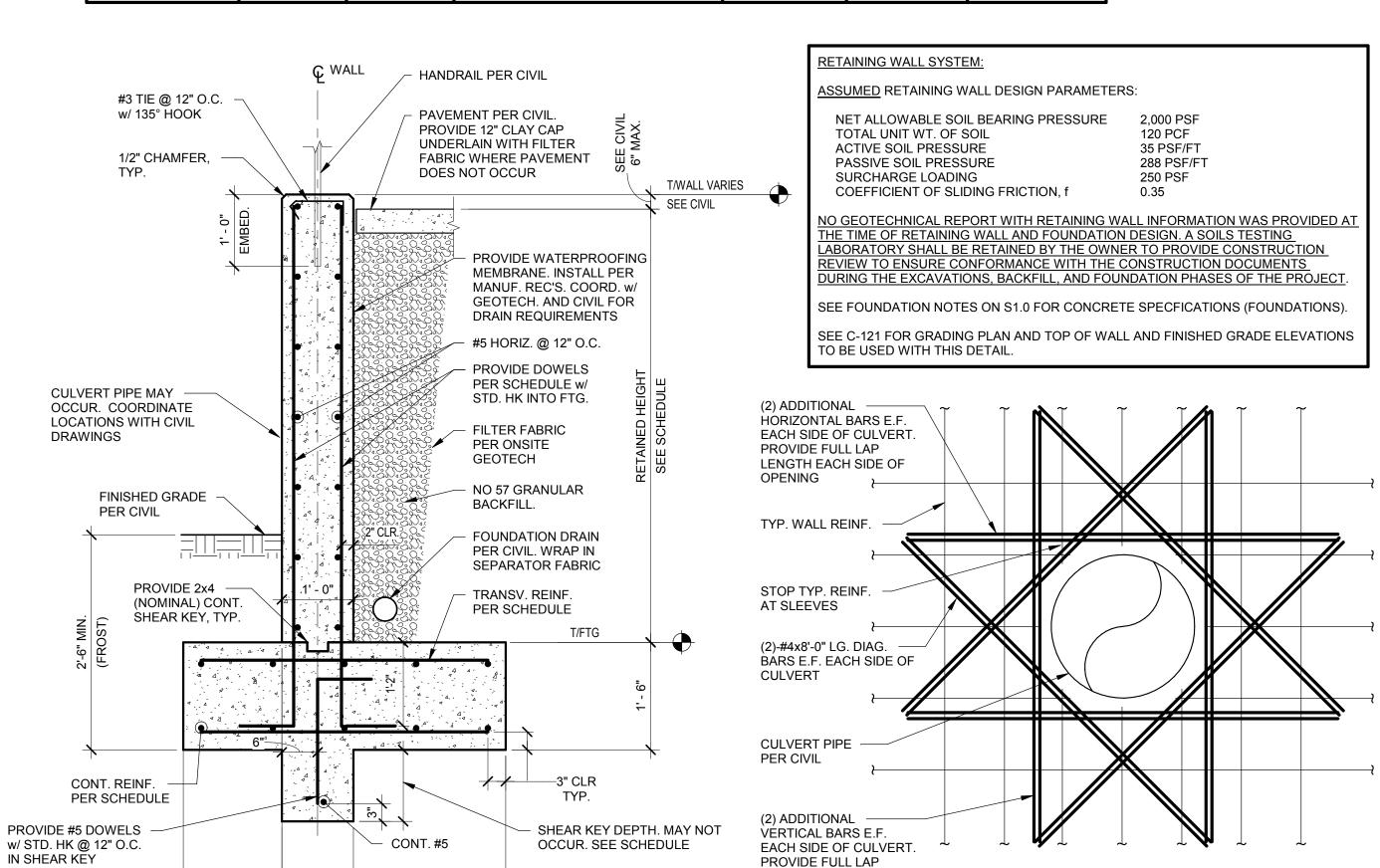


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SEE 6/S4.4 FOR TYPICAL

CONTROL JOINT DETAIL

1/2" PLYWOOD (2) 2x6 DBL PLATE (SEE SPLICE DETAIL 16/S4.1) T/DBL PLATE SEE PLAN 1/2" PLYWOOD 1/2" PLYWOOD SHEATHING SHEATHING (3) #12 x 4" LG. SCREWS AT EACH STUD SIMPSON A35 EACH END SIGN - SEE ARCH. USING SDS SCREWS PROVIDE BLKG FOR SIGN SUPPORT. SEE CL OF PLATE SHEET S5.0. SIMPSON H3 AT EACH BRACE **ROOF DECK** 2x6 KICKER AT EACH VERTICAL STUD - SEE PLAN 2x6 BLOCKING @ 48" O.C. VERT. CONT. 2x WD PLATE CONN. TO TRUSS WITH #10 2x6 CONT. SCREWS @ 8" O.C. **BLOCKING AT** STAGGERED MIDPOINT S4.1 SIMPSON H3 PLYWOOD ROOF DECK -AT EACH CONTINUE PLYOOD ELEV. VARIES BRACE TO TOP OF SHEARWALL 2x6 @ 16" O.C. PROVIDE DOUBLE TRUSS BENEATH KICKERS **NAILING PER** SCHEDULE T/DBL PLATE SEE SECTION 1/S4.1 (2) 2x6 DBL PLATE FOR INFORMATION NOT SHOWN (SIM.) S4.3

10d @ 6" O.C. TO

10d @ 4" O.C. FULL LENGTH OF EACH

BLOCKING

DRAG STRUT - ALIGN SIDE OF TRUSS w/DINING SIDE OF SHEAR WALL

LTP5 @ 12" O.C. FROM

SIDE OF TRUSS TO SIDE

OF DOUBLE TOP PLATE

EDGE NAILING

2x6 STUDS @ 16" O.C.

FRONT TOWER SECTION 3/4" = 1'-0"

H3 AT EACH BRACE TO

2x6 CONT. DOUBLE TOP

PLATE - NO SPLICES

A35 ANGLE @ 12" O.C. FROM

WALL SHEATHING (NS & FS) -

SEE SHEARWALL SCHEDULE

**INTERIOR SHEAR WALL** 3/4" = 1'-0"

TRUSS TO DOUBLE TOP PLATE

DOUBLE TOP PLATE

2x4 BRACE WITH (4)

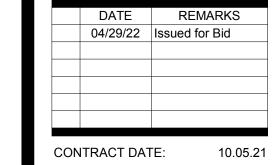
2x6 BLOCKING @ 48" O.C.

2

w/U26 HANGER EACH

END. ALIGN w/BRACE.

10d TO BLOCKING



**BUILDING TYPE:** END. MED20 PLAN VERSION: MARCH 2021 **BRAND DESIGNER:** SITE NUMBER: STORE NUMBER: PA/PM: DRAWN BY. JOB NO.:

TACO BELL

2021088.41

5964 West Modglin Dr.

Greenfield, IN 46140



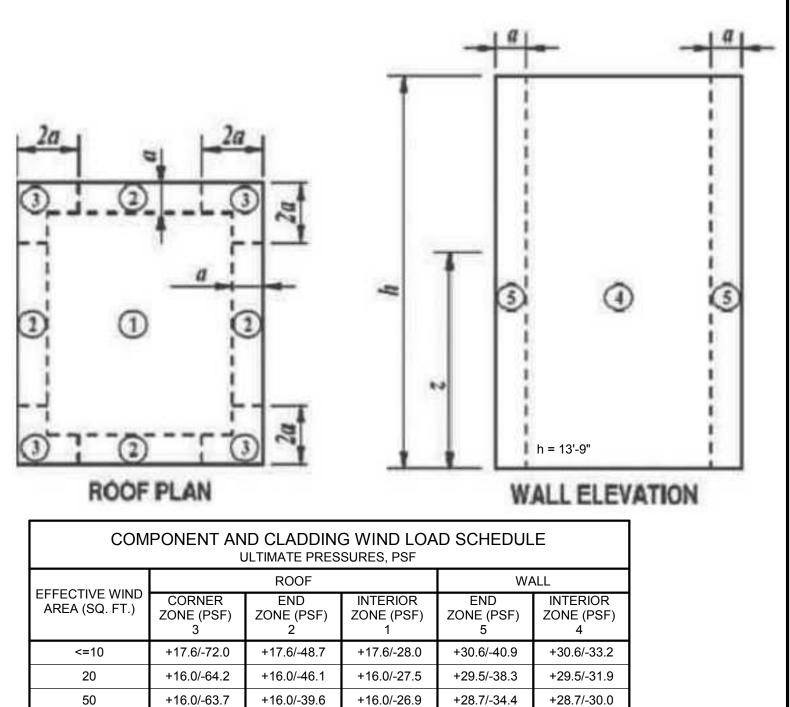
**ENDEAVOR 2.0 STRUCTURAL SECTIONS** 

(4) ANCHOR RODS VERIFY LOCATION &
SIZE WITH LIGHT POLE MANUFACTURER (2)-#4 TIES ÎN TOP 5" -NOTES:

1. VENDOR TO SUPPLY 3" CHAMFER CONTRACTOR WITH ANCHOR BOLT TEMPLATE. ANY BASE LOCATED WITHIN 1'-0" OF A PAVED SURFACE SHALL BE PAINTED WITH 2 COATS OF A SAFETY YELLOW TRAFFIC RATED PAINT **GRADE HEAVY HEX** NUT (TYP.) -TACK WELD TYP. (8) #5 VERT. BARS -(EQUALLY SPACED) #4 TIES AT 8" O.C. 2'-0" DIAMETER 4 4 4 4 +28.7/-30.0 +26.2/-28.7 CONDUIT

LENGTH EACH SIDE OF

OPENING



+16.0/-25.4

+26.2/-31.9

WIND LOAD TABLE AND DIAGRAM 12" = 1'-0"

+16.0/-56.5

"+" INDICATES PRESSURE ACTING TOWARD EXTERIOR FACE "-" INDICATES PRESSURE ACTING AWAY FROM EXTERIOR FACE

+16.0/-35.7

DIMENSION

**DIMENSION** 

1' - 0"

CORNER BARS TO MATCH

SEE GEN.

**VERTICAL REINF** 

STOP ALL REINF.

AT CONST. JOINT

RETAINED SIDE

THICKNESS

PLAN VIEW

NOT SHOWN

FOR CLARITY

SIZE & SPACING OF HORIZ.

DOWELS TO MATCH

SIZE & SPACING OF

HORIZ. REINF.

FILL WITH SEALANT, TYP. BOTH SIDES

WATERSTOP MAY OCCUR, SEE PLAN

CONSTRUCTION JOINT

- PVC WATERSTOP

**BOND BREAKER** 

TYP. CONTROL JOINT DETAIL 3/4" = 1'-0" 6

NOTE: MAXIMUM CONTROL

JOINT SPACING SHALL BE 12'-0

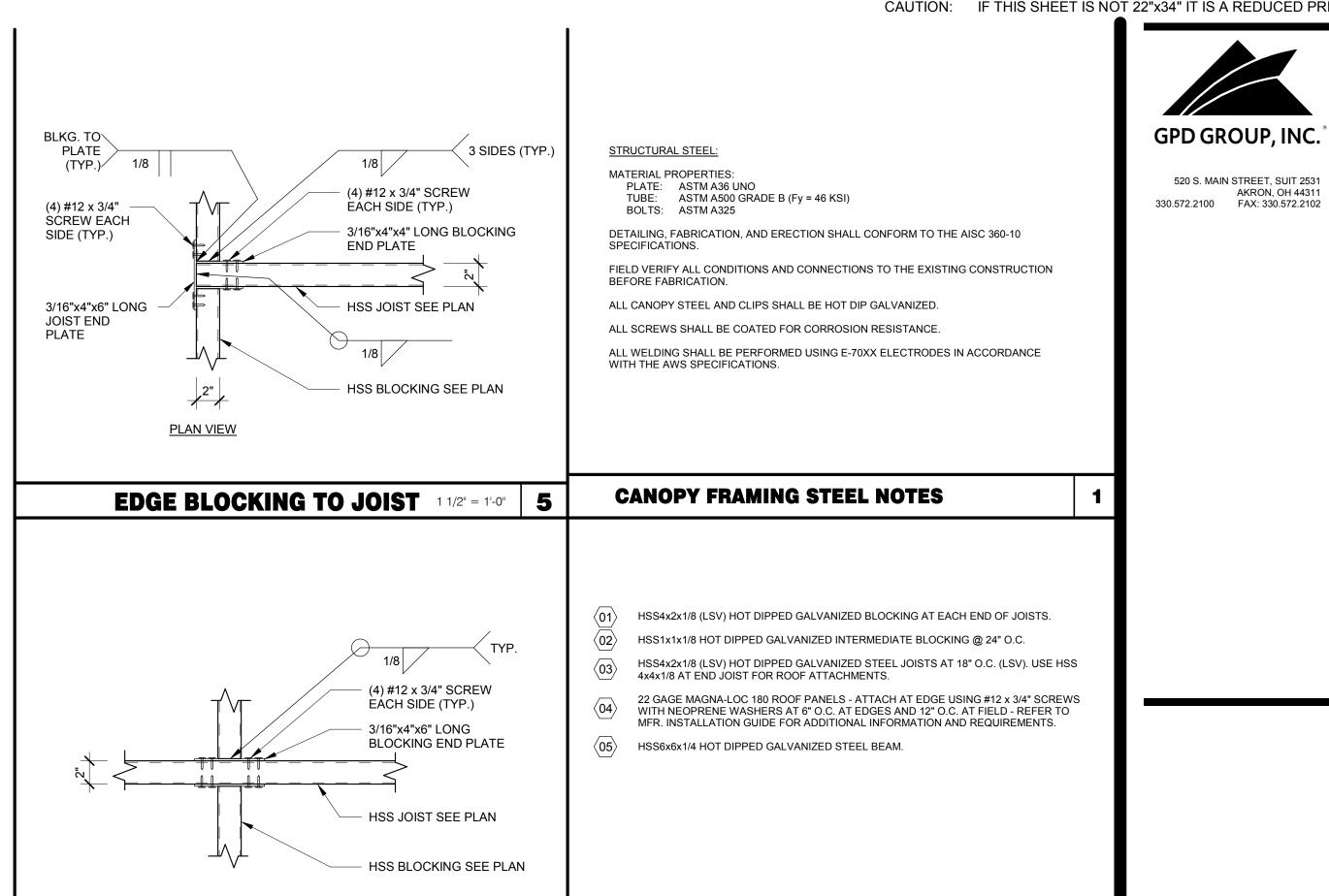
TYP. CONCRETE WALL DETAIL 3/4" = 1'-0"

2'-0" DIAMETER

**LIGHT POLE FOUNDATION DETAIL** 3/4" = 1'-0"

TYP. WALL REINFORCING AT CULVERT DETAIL

RETAINING WALL DETAIL AND SCHEDULE 3/4" = 1'-0"



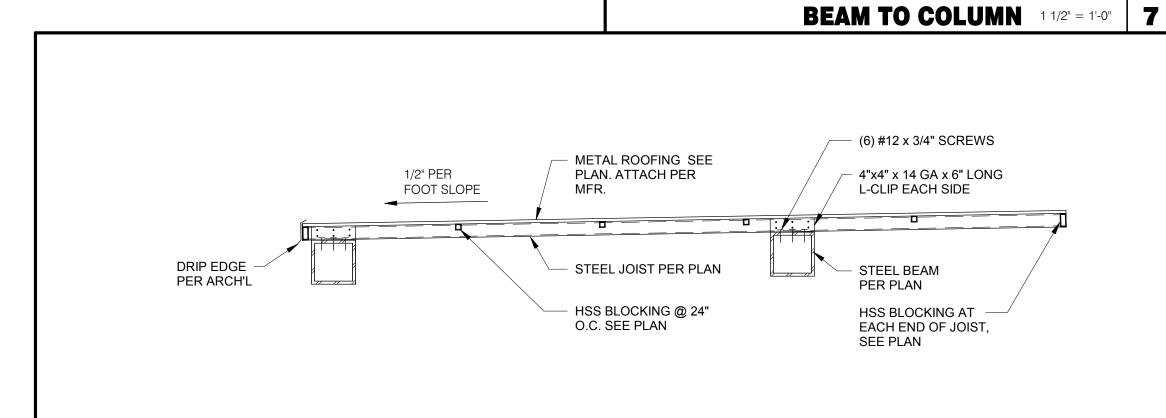
NOTE: ROOF DECK AND JOISTS NOT SHOWN FOR CLARITY. SEE DETAIL 3/S4.5. HSS BEAM SEE PLAN POST INSTALLED END CAP PER - (2) 3/4" DIA. ASTM A325 H.H. BOLTS PLATE TO COLUMN 3/16 - 3/8" THICK CAP PLATE - (2) 3/4" DIA. NUT (5 S4.5) WELDED TO CAP PLATE - HSS 6x6x1/4 COLUMN SEE PLAN

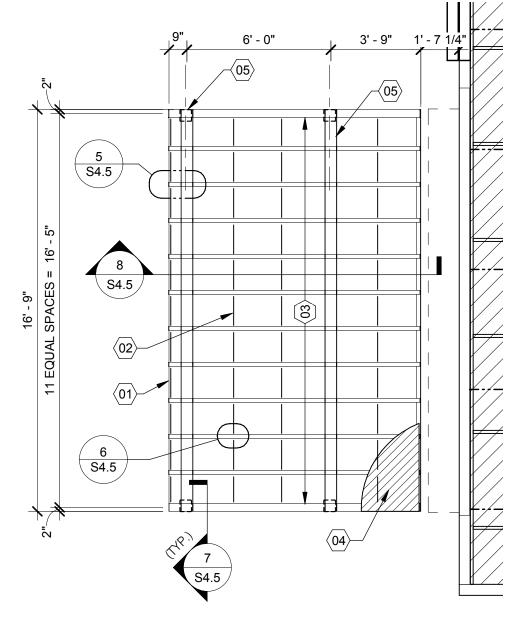
**CANOPY DETAIL** 3/4" = 1'-0"

8

PLAN VIEW

INTERIOR BLOCKING TO JOIST 1 1/2" = 1'-0" 6





**CANOPY ROOF FRAMING** 1/4" = 1'-0"

**CANOPY FRAMING KEYNOTES** 

DATE	REMARKS
04/29/22	Issued for Bid

CONTRACT DATE: 10.05.21 BUILDING TYPE: END. MED20 PLAN VERSION: MARCH 2021 BRAND DESIGNER: DICKSON SITE NUMBER: STORE NUMBER: PA/PM: DRAWN BY.: 2021088.41

TACO BELL

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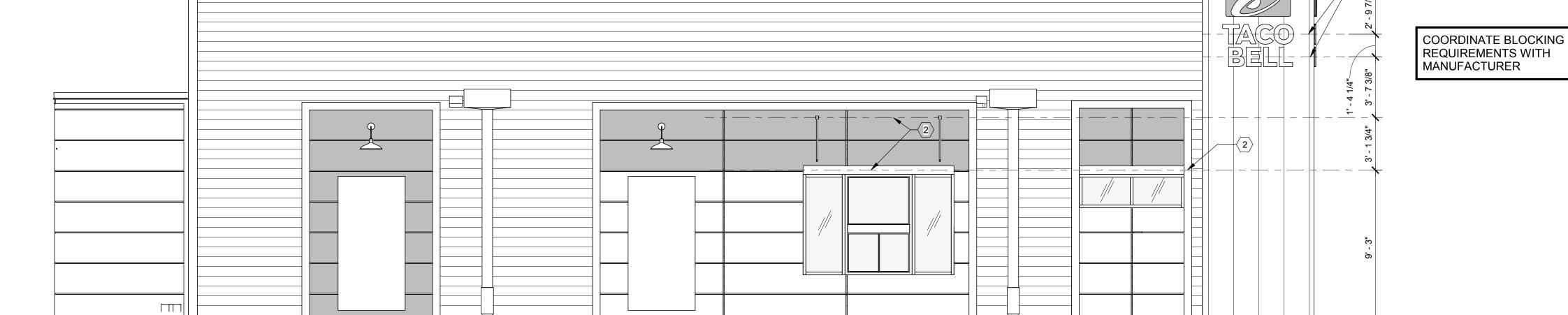


**ENDEAVOR 2.0 CANOPY PLAN** & DETAILS

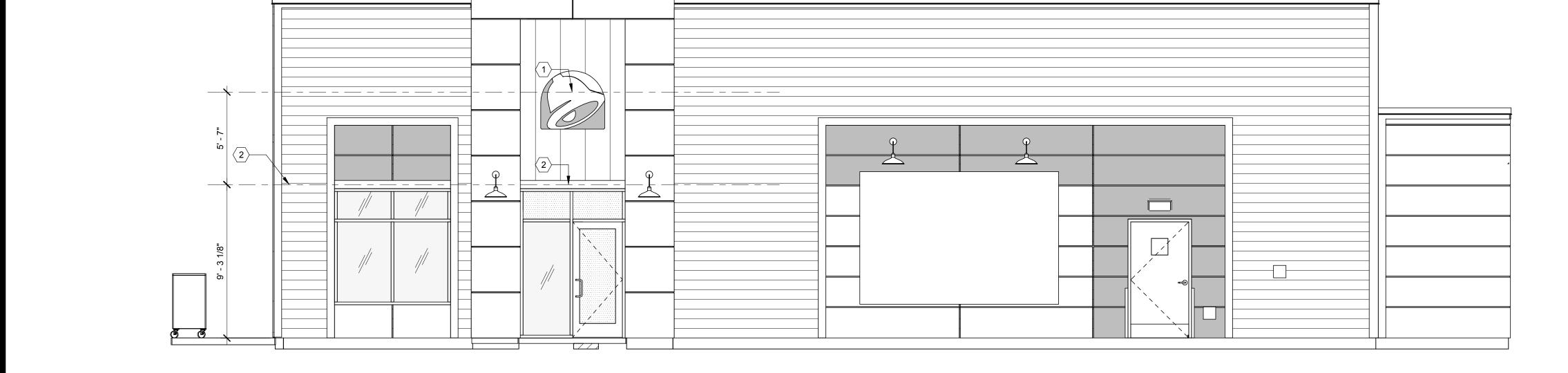
PLOT DATE: 4/28/2022 8:48:04 AM



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# SOUTH ELEVATION 1/4" = 1'-0" A



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

: 10.05.21	NTRACT DAT	CON
END MED20	I DING TYPE:	RHII

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

BUILDING TYPE: END. MED2
PLAN VERSION: MARCH 202
BRAND DESIGNER: DICKSO
SITE NUMBER: 31528
STORE NUMBER: 45692
PA/PM: JU
DRAWN BY.: R

TACO BELL

2021088.41

5964 West Modglin Dr. Greenfield, IN 46140



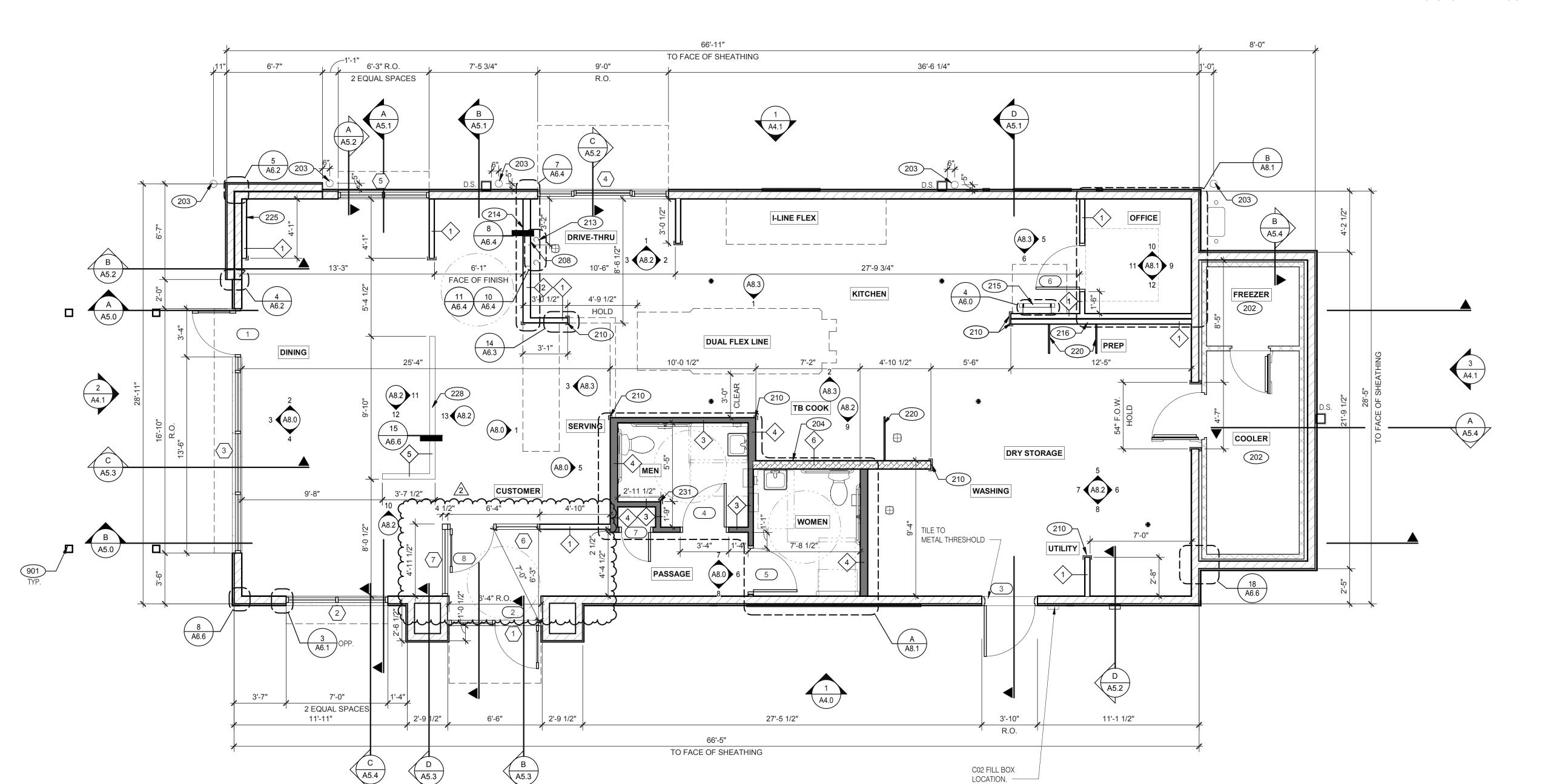
ENDEAVOR 2.0
CANOPY/AWNING
BLOCKING
ELEVATIONS

S5.0

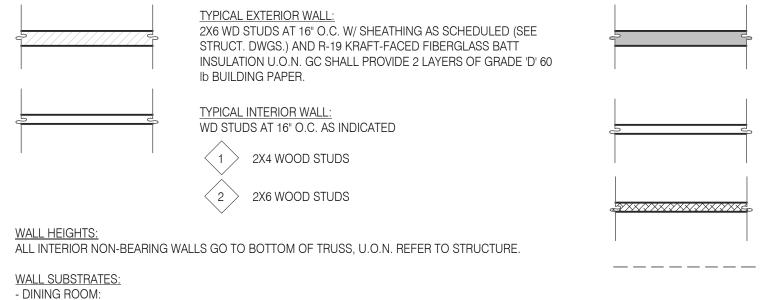
	FELL.	1 SOLID BLOCKING FOR FASTENERS AS REQUIRED FOR SIGN MOUNTING. 2 PROVIDE BLOCKING FOR CANOPY. SEE DETAILS 3/S4.3 AND 13/S4.3.
18' - 6"		
	EAST ELEVATION	N 1/4" = 1'-0" <b>E GENERAL NOTES</b>

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



**INTERIOR SOUND-RATED WALL** TYPICAL INTERIOR WALL W/ 3-1/2" UNFACED

FIBERGLASS BATT INSULATION. 3 2X4 WOOD STUDS 4 2X6 WOOD STUDS

LOW WALL: 2X4 WD STUDS AT 16" O.C. AS SCHEDULED (SEE DETAIL 15/A6.6) < 5 > 2X4 WOOD STUDS

INTERIOR NON-COMBUSTIBLE WALL WITH 20 GA. S.S. PANEL BEHINI HOOD. EXTEND MIN. 18" BEYOND END OF HOOD. M. STUD FRAMING REFER TO DETAIL 2/M3.0 FOR EXTENT OF S.S. PANEL.

 $\langle$  6  $\rangle$  6" METAL STUD

DASHED LINE INDICATES INTERIOR SUBSTRATE

WALL LEGEND

- KITCHEN WALLS AND DINING ROOM CLOSET: 1/2" CEMENT WALLBOARD FROM T.O. SLAB T.O. 12" A.F.F. AT 12" A.F.F., USE 1/2" CDX PLYWOOD W/FRP SURFACE FINISH TO 6" ABOVE CEILING HEIGHT U.O.N. IF DOUBLE SIDE SHEAR WALL PLYWD IS SPECIFIED THE PLYWOOD SHALL BE CONTINUOUS FROM SILL PLATE TO TOP PLATE. SEE 4/A6.3.

- RESTROOM WALLS: 5/8" CEMENT WALLBOARD FROM T.O. SLAB OR T.O. CONCRETE CURB TO 48" A.F.F., WITH 5/8" HI-IMPACT BRAND XP WALLBOARD, TYPE X CORE FROM T.O. CEMENT BOARD TO 6" ABOVE CEILING HEIGHT U.O.N. NO SUBSTITUTIONS ALLOWED. FINISH AS SCHEDULED.

1/2" GYPSUM WALLBOARD FROM FLOOR SLAB TO 6" ABOVE CEILING HEIGHT U.O.N. SEE 6 & 8/A6.3 (NOTE: THE CEMENT BOARD SPECIFICATION IS DESIGNED TO ALLOW THE G.C. FLEXIBILITY.)

- ALL OTHER FRAME WALL CONDITIONS: 1/2" CEMENT WALLBOARD FROM T.O. SLAB OR T.O. CONCRETE CURB TO 48" A.F.F., WITH 1/2" GYPSUM WALLBOARD FROM T.O. CEMENT BOARD TO 6" ABOVE CEILING HEIGHT U.O.N. FINISH AS SCHEDULE

**FLOOR PLAN NOTES** 

C. ALL BACK OF HOUSE AND OFFICE WALLS SHALL HAVE 1/2" CDX PLYWOOD SUBSTRATE, U.O.N.

A. ALL DIMENSIONS NOTED ARE TO FACE OF CONCRETE FOUNDATION, FACE OF SHEATHING ON EXTERIOR WALLS, AND

B. DIMENSIONS NOTED AS "CLEAR" OR "HOLD" ARE MIN. REQUIRED. NET CLEARANCE FROM FACE OF WALL / WAINSCOT

A. PROVIDE 1/2" THICK CEMENTITOUS BD. FROM FLOOR SLAB TO 12" A.F.F. MIN. IN LIEU OF GYP. BD. AT ALL WALLS

B. ALL JOINTS, GAPS OR SPACES LEADING TO ALL HOLLOW OR INACCESSIBLE SPACES SHALL BE SEALED WITH "NSF

A. PROVIDE THREE FIRE EXTINGUISHERS - (2) 10 lb. BC AND (1) 10 lb. ABC - TO COMPLY WITH LOCAL FIRE CODE. LOCATE

B. DRAWINGS ARE BASED UPON WOOD FRAMING. UTILIZATION OF METAL STUDS ON NON-BEARING INTERIOR

PER DIRECTION OF FIRE MARSHALL OR LOCAL AUTHORIZING AGENT. FOR ADDITIONAL INFORMATION SEE SHEET A2.0

FINISH. VERIFY FINAL EQUIPMENT SIZES W/ VENDOR PRIOR TO INT. WALL FRAMING.

B. ALL DOOR AND WINDOW OPENING DIMENSIONS ARE TO ROUGH OPENING.

FACE OF FINISH ON INTERIOR WALLS U.N.O.

EXCEPT SHEARWALL SURFACES, U.O.N.

INTERNATIONAL" APPROVED SEALANTS.

A. SEE A2.0 FOR SEATING PLAN AND DETAILS.

PARTITONS, BULKHEADS AND SOFFITS IS ACCEPTABLE.

B. SEE A7.0 FOR FLOOR FINISHES.

D. SEE A7.1 FOR CEILING FINISHES.

C. SEE A8.0 - A8.3 FOR WALL FINISHES.

A. SEE SHEET A1.1 FOR WINDOW TYPES AND DOOR SCHEDULE.

WINDOWS / DOORS:

FINISH SUBSTRATES:

NO FRP BEHIND W-059 WALK-IN COOLER/FREEZER.

203 PIPE BOLLARD. SEE CIVIL DRAWINGS. HOOD WALL, SEE WALL LEGEND.

208 KEEP CLEAR FOR UTILITIES & SYRUP LINES.

S.S. CORNER GUARD/WALL CAP [TM-2], TYP. ALL CORNERS IN BACK OF HOUSE FROM REAR WALL TO THE KITCHEN SIDE OF THE SERVICE COUNTER. SEE DETAIL 14/A6.3.

213 SYRUP LINE CHASE (ABOVE). 214 14"x14" HORIZONTAL OPENING FOR SYRUP TUBES.

COORDINATE WALL PENETRATION WITH COUNTER INSTALLER. SEAL CHASE TO COUNTER.

215 ROOF LADDER.

216 ADD SECOND 2X4 WALL ON KITCHEN SIDE. 220 SPLASH GUARD. SEE DETAIL 9/A6.3.

FUR OUT WALL AS INDICATED WITH 2X4 WOOD STUDS AT 16"

228 LOW WALL, BY G.C. COORDINATE WITH STRUCTURAL

DRAWINGS

D

CORNER GUARD TILE SCHLUTER. SEE DETAIL 15/A6.3.

901 CANOPY COLUMN. SEE STRUCTURAL DRAWINGS.

	DATE	REMARKS
	03.11.22	Issued for Permit
2	03.31.22	Rev #2 - County & Utility Comments
	04.29.22	Issued for Bid

CONTRACT DATE: 01.24.22 END. MED20 BUILDING TYPE: PLAN VERSION: MARCH 2021 BRAND DESIGNER: DICKSON SITE NUMBER: 315289 456917 STORE NUMBER: PA/PM: DRAWN BY. JOB NO.: 2021088.41

TACO BELL

5964 West Modglin Dr. Greenfield, IN 46140



**ENDEAVOR 2.0 FLOOR PLAN** 

**KEY NOTES** 

PLOT DATE: 4/28/2022 8:13:18 AM

1. DIMENSIONS ON THIS DRAWING ARE TO ROUGH OPENING. ADJUST FRAME DIMENSION TO MAINTAIN 3/8" SEALANT JOINT.

2. SEE SCHEDULE FOR GLASS TYPES.

3. REFER TO FLOOR PLAN, ELEVATIONS AND WALL SECTIONS FOR ROUGH OPENING DIMENSIONS.

4. ALL STOREFRONT MATERIAL AND GLAZING SHALL BE SUPPLIED AND INSTALLED BY G.C., U.O.N.

# NATIONAL ACCOUNTS SUPPLIER

INTERIOR DOORS, FRAMES & HARDWARE

LOCKNET CONSTRUCTION@LOCKNET.COM 800 JOHN C. WATTS DR. NICHOLASVILLE, KY 40356 855-432-4613 FAX: 877-887

JIM CAMPBELL D. 614-358-7806 E-MAIL: JIM CAMPBELL@HAMILTON PARKER.COM

# **STOREFRONT SPECIFICATION**

STOREFRONT OLD CASTLE FG-3000

VITROGLAZINGS

HAMILTON PARKER

SOLARBAN 90 SOLAR CONTROL LOW-E GLASS

D SAFETY GLASS BY MFR.

**NOTES** 

SEE EXTERIOR ELEVATIONS FOR STOREFRONT COLOR

# **GLASS SCHEDULE**

A 1" INSULATED GLASS

B 1" INSULATED TEMPERED GLASS

C 1/4" TEMPERED GLASS

SHADING COEFFICIENT SPECIFICATION PER LOCAL CODE REQUIREMENTS. DAYTIME VISIBILITY INTO DINING ROOM SHALL BE MAINTAINED.

\*\*\*ALL STOREFRONT GLAZING SHALL BE LOW "E" SOLAR GLASS\*\*\*\*

1. LAMINATE DOORS 4, 5, 6 & 7 AND PAINT FRAMES 3, 4, 5, 6 & 7. SEE INTERIOR ELEVATION, SHEET A8.0, A8.1 & A8.2.

CAUTION: IF THIS SHEET IS NOT 22"x34" IT IS A REDUCED PRINT

GPD GROUP, INC.

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2. ALL HARDWARE SHALL BE US32D U.O.N.

3. ALL HM FRAMES SHALL BE 16 GA. STEEL U.O.N.

4. ALL LOCKS SHALL BE FALCON 6 PIN INTERCHANGEABLE CORE SUPPLIED AND INSTALLED BY THE G.C. ALL EXTERIOR LOCKS SHALL BE PROVIDED WITH CONSTRUCTION CORES. ALL PERMANENT CORES SHALL BE KEYED ALIKE.

5. PERMANENT CORES SHALL BE SHIPPED TO THE RESTAURANT GENERAL MANAGER.

6. MOUNT DOOR CLOSERS ON RESTROOM OR KITCHEN SIDE ONLY.

. LOCKNET SECURITY DOOR. COMPLETE DOOR, FRAME, AND HARDWARE PACKAGE PROVIDED BY RSCS FACILITIES CONNECTIONS.

8. PROVIDE PUSH/PULL PLATES. IF REQUIRED BY LOCAL CODE, STOREFRONT DOOR PANIC HARDWARE SHALL BE: DOR-O-MATIC 2092 RIM PANIC HARDWARE AND EXTERIOR PULLS WITH QUALITY #520 DOOR PULL.

9. MOUNT KICKPLATE ON PUSH SIDE ONLY.

10. MAXIMUM DOOR OPERATING PRESSURE: 5 LBS INTERIOR, 8.5 LBS EXTERIOR.

11. ADA COMPLIANT ACCESSIBILITY SIGNAGE, INCLUDE BRAILLE AS REQUIRED BY LOCAL JURISDICTION - (1) MEN, (1)

12. RESTROOM SIGN REQUIRED. SEE G4.0.

13. INSTALL WITH APPLIED DOORS STOPS AND WEATHER STRIPS.

14. FRAMES SHALL BE PAINTED. SEE INTERIOR OR EXTERIOR ELEVATIONS.

15. PROVIDE LATCH AND STRIKE PLATE HARDWARE BY DOOR MFR. TO BE COMPATIBLE WITH LOCK.

16. NOT USED.

17. NOT USED.

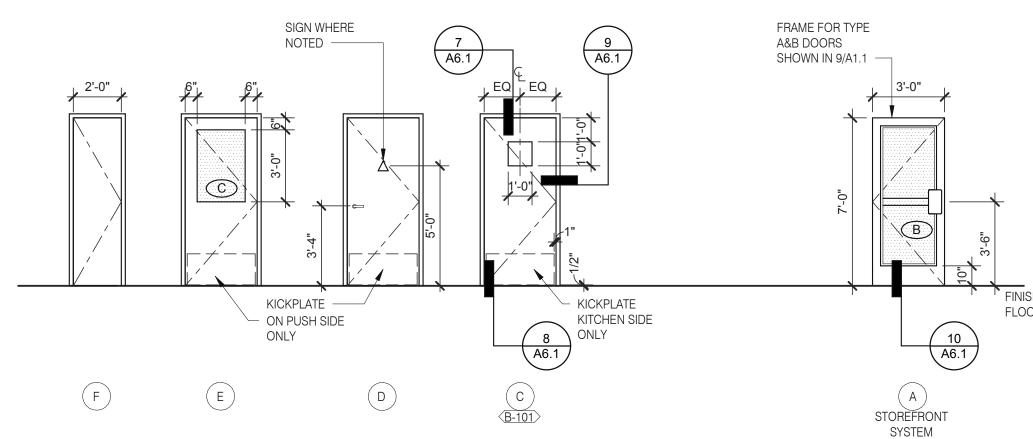
18. GC TO TRIM DOOR SWEEP TO FIT DOOR.

**DOOR SCHEDULE NOTES** 

DOOR NO.	ROOM NAME		OR SIZE		TYPE	DOOR	FRAME	[	BUTTS			CKS		CLOSI		KICK PLATE	+ -	SHOLD	510	P IS	PULL			NEOU			ETAIL LOCA	ATIONS	DOOR NOTES	3
		WIDTH HE	IGHT	THICK	≽	ă	世	1	2 3	4 1	2 3	4 5	6 7	1 2	3 1	2 3	3 1 2	3 4	1 2	3 🗖	.   굽	1 2	3	4	5 6	5				
					SEE DOOR TYPE ELEVATIONS			ONE PAIR OFSET PIVOTS PER DOOR MANUFACTURER, TOP & BOTTOM	PR McKinney #TA2731, 4-1/2" X 4- HINGE INCLUDED IN PACKAGE	H.D. IYPE 304 S.S. BOBRICK SPRING LOADED YALE B-PB5405LN	YALE B-PB5407LNIC FULL LENGTH LATCH PROTECTION INCL. IN PACKAGE	PANIC HARDWARE INCLUDED IN PACKAGE FALCON C953-7 OR C987-7 AS REQUIRED	FALCON D2/1 OCCUPANCY INDICATING DEADBOLT FALCON 1690 CONCEAL VERTICAL PANIC HARDWARE	DORMA 8616 x 689 CLOSER INCLUDED IN PACKAGE	DORMA 7414 ARP SNB 689 STAINLESS STEEL 10" X .050 X 2" L.T.D.W. *	KICKPLATE INCLUDED IN PACKAGE	ACCESSIBLE ALUMINUM THRESHOLD BY DOOR MFR. THRESHOLD INCLUDED IN PACKAGE		FLOOR STOP - ROCKWOOD 441 CU HINGE STOP - ROCKWOOD 532.NP	WALL STOP - ASA 0714 COAT HOOK W/ BUMPER PUSH PLATE ROCKWOOD 70F - 8" X 16"	. 4" X 16"	XCLUDER PEST CONTROL DOOR SWEEP #162622 SWEEP (VISTA 231 STD) NGP 101VA	UNDERCUT 3/4"  PROVIDE A SIGN STATING "THIS	DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS"	COAT HOOK - BOBRICK	HEAD	JAMB	SILL	* LESS THAN DOO	R WIDTH
								0 2	-   0   .															ALCELY				07		
1	DINING		'-0"	1 3/4"		AL	AL	X				X	X	X			X					X	X					10/A6.1		
2	ENTRANCE		'-0"	1 3/4"		AL	AL	X				X		X			X					X	X					10/A6.1	8, 10, 13, 15	
3	KITCHEN		'-0"	1 3/4"	С	НМ	НМ		X		XX			X		X	X									7/A6.1	11/A6.1	8/A6.1	6, 7, 10, 14, 18	
4	MEN		'-0"	1 3/4"	D	WD	НМ		X						X X				X		X	_	X		XX	6/A6.4	6/A6.4		6, 9, 10, 11, 12, 14	
5	WOMEN		'-0"	1 3/4"	D	WD	НМ		X				Κ		XX				X	X	X		X		XX	6/A6.4	6/A6.4		6, 9, 10, 11, 12, 14	
6	OFFICE		'-0"	1 3/4"	E	WD	НМ		X		X	$\perp$			X		X		X				X			6/A6.4	6/A6.4		9	
7	CLOSET		'-0"	1 3/4"	F	WD	НМ		X		X												X			6/A6.4	6/A6.4		9 BOTH SIDES, 14	
8	VESTIBULE	3'-0" 7'	'-0"	1 3/4"	Α	AL	AL	X					X	X														10/A6.1	10	



**DOOR SCHEDULE** 



NOTE: ELEVATIONS DRAWN AS VIEWED FROM EXTERIOR OF BUILDING.

**WINDOW TYPES** 1/4" = 1'-0" **9** 

NOTE: ELEVATIONS DRAWN AS VIEWED FROM EXTERIOR OF BUILDING OR OUTSIDE ROOM.

**DOOR TYPES** 

04.29.22 Issued for Bid

CONTRACT DATE: BUILDING TYPE: END. MED20 PLAN VERSION: MARCH 2021 BRAND DESIGNER: SITE NUMBER: STORE NUMBER: DRAWN BY .:

TACO BELL

2021088.41

JOB NO.:

5964 West Modglin Dr. Greenfield, IN 46140

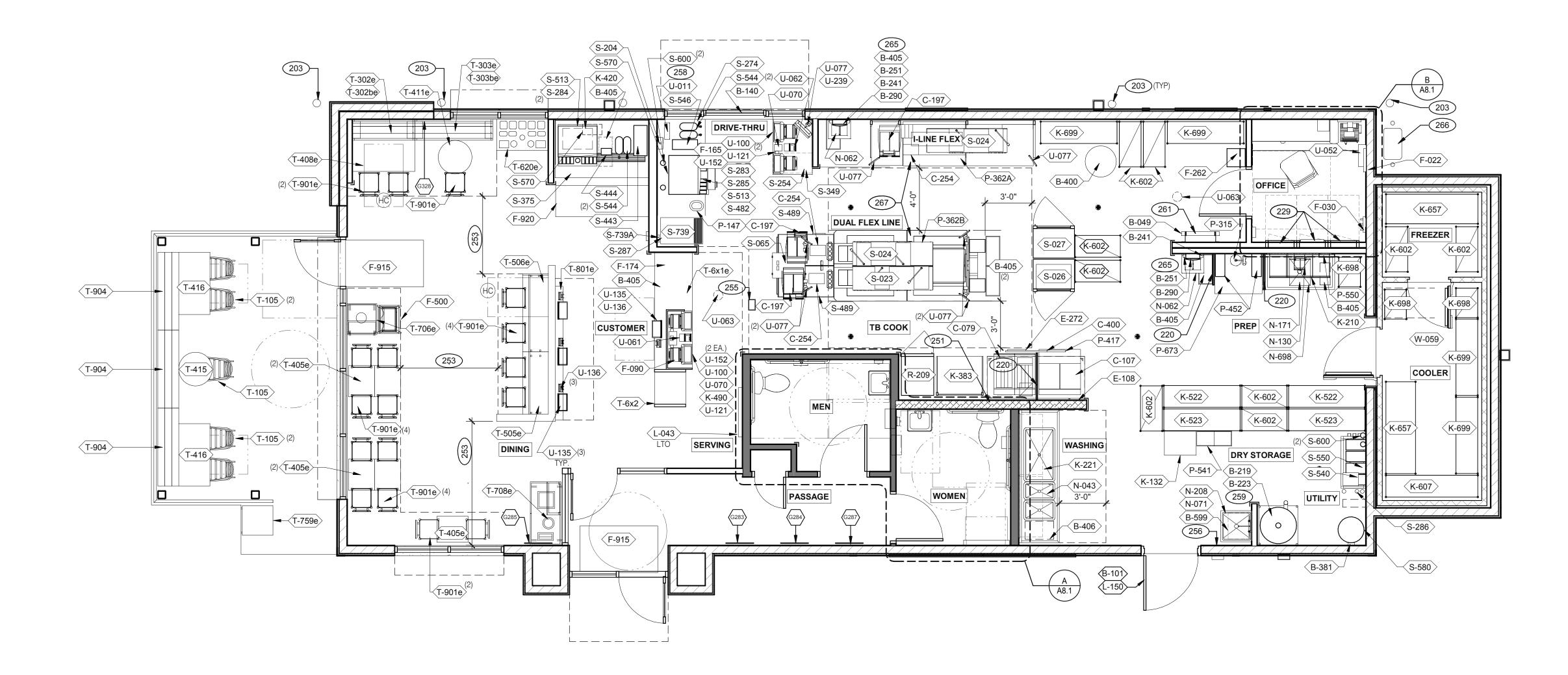


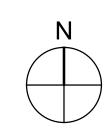
**ENDEAVOR 2.0** DOOR & **WINDOW ELEVATIONS & SCHEDULES** 

PLOT DATE: 4/28/2022 8:13:25 AM



520 S. MAIN STREET, SUIT 2531 AKRON, OH 44311 330.572.2100 FAX: 330.572.2102





# EQUIPMENT AND SEATING PLAN 1/4" = 1'-0" 1

203 PIPE BOLLARD. SEE CIVIL DRAWINGS.

220 SPLASH GUARD. SEE DETAIL 9/A6.3.

229 ELECTRICAL PANELS.

HOOD FIRE SUPPRESSION SYSTEM (ANSUL R-102 OR EQUAL). MAINTAIN 36" MIN. CLEAR ACCESSIBLE AISLE EGRESS PATHS TO EXIT DOORS, 32" AT DOORWAYS AND CASED OPENINGS. (42" AISLE REQUIRED

WHEN AISLE SERVES MORE THAN 50 SEATS).

ALERT LIGHT BOX FOR 3-COMP POWER SOAK.

256 PULL STATION @ 3'-8" A.F.F. COORDINATE LOCATION OF HORIZONTAL PVC SYRUP CHASE THRU WALL TO

259 6" HIGH WATER HEATER PLATFORM.

ROOF LADDER WITH BILCO LADDER UP SAFETY POST. AUTOMATIC HAND SOAP AND SANITIZER DISPENSERS PROVIDED BY

ECOLAB. GAS METER

SEE SHEET A8.3.

STORAGE TYPE	LINEAR FT.	266 267
DRY STORAGE	53	
COLD STORAGE	26	
FROZEN STORAGE	12	
		l

TYPE	LINEAR FT.	267	FOR DUAL-FLEX LINE AND I-FLEX LINE SUB-EQUIPMENT
		201	FOR DUAL-FLEX LINE AND I-FLEX LINE SUB-EQUIPMENT
	53		
	26		

C2

	G60
	G52
	G52

FURNITURE PACKAGE - BY FURNITURE VENDOR U.O.N. E ARTWORK SCHEDULE

D

XXX

**KEY NOTES** 

PLOT DATE: 4/28/2022 8:13:38 AM

04.29.22 Issued for Bid

END. MED20

MARCH 2021

DICKSON

456917

2021088.41

CONTRACT DATE:

BUILDING TYPE:

PLAN VERSION:

SITE NUMBER:

PA/PM:

DRAWN BY.

JOB NO.:

STORE NUMBER:

TACO BELL

5964 West Modglin Dr.

Greenfield, IN 46140

**ENDEAVOR 2.0** 

**EQUIPMENT** 

**AND SEATING** 

**PLAN** 

BRAND DESIGNER:

TAG	QTY	ITEM DESCRIPTION	TAG	QTY	ITEM DESCRIPTION
,					
T-6x1e	1	GO MOBILE COUNTER	T-708e	1	WASTE ENCLOSURE - 3 STREAM
T-6x2	1	25in. TOGO Cubby	T-759e	1	WASTE ENCLOSURE - SINGLE
T-105	5	RETRO CHAIR - 18	T-801e	1	KIOSK 1/2 TOWER
T-302be	1	BENCH BACK REST - 60"	T-901e	17	CHAIR - LAMINATE SEAT
T-302e	1	BENCH SEAT - 48"	T-904	3	BENCH SEAT - 60"

T-303be 1 BENCH BACK REST - 60"

T-303e

T-408e

T-415

T-416

T-505e

T-506e

T-620e T-706e 1 BENCH SEAT - 60"

T-405e 5 LAMINATE TABLE - 24 X 20 X 30 - 2 TOP

1 SS TABLE - 24 DIA X 30 - 2 TOP

1 SS TABLE - 24 DIA X 30 - 2 TOP

1 | COUNTER TOP - 48" X 20" X 30" 1 | COUNTER TOP - 60" X 20" X 30"

1 WASTE ENCLOSURE - SINGLE

1 CONDIMENT COUNTER - RECTANGLE

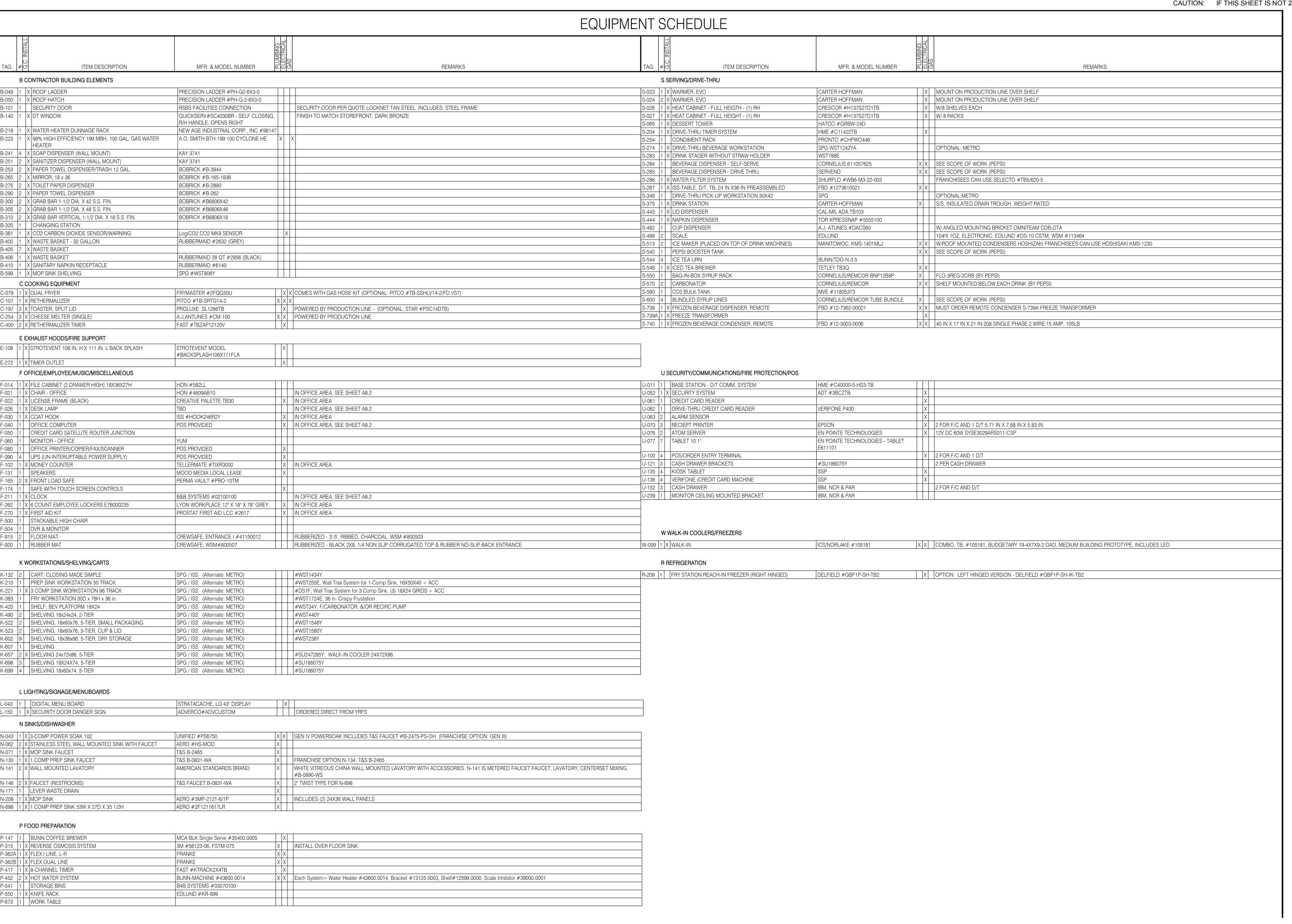
1 LAMINATE TABLE ADA - 24 X 48 X 30 - 4 TOP

2 LAMINATE TABLE ADA - 24 X 48 X 30 - 4 TOP

X	QTY.	NAME	FAMILY	FRAME OR MURAL	SIZE	LOCATION	DECOR  1. REFER TO SC SHEETS FOR SCOPE OF WORK RESPONSIE
(G328)	1	GM - LP MURAL	Е	M01	CUSTOM	SEE A8.0	2. (HC)- SYMBOL DENOTES A HANDICAP ACCESSIBLE TABLE
(G283)	1	GM - CW	E	F01	28x40	SEE A8.0	
(G284)	1	GM - BELL	Е	F02	28x40	SEE A8.0	
(G285)	1	GM - ORG	Е	F01	28x40	SEE A8.0	
(G287)	1	GM - CW2	Е	F01	28x40	SEE A8.0	
							GENE
							STORAGE TYPE
(G608)	1	GM - EXT1	E	M03	TBD	SEE A4.0	
	•	THIS MURAL WILL BE MATERIAL AND ASSE					
(G523)		GM - SKIP THE LINE	Е	M02	48x96	SEE A4.1	FROZEN STORAGE
(G524)		GM - ORDER AHEAD	E	M02	48x96	SEE A4.1	

**GENERAL NOTES** 

**SHELVING QUANTITIES** 



GPD GPOUR INC

520 S. MAIN STREET, SUIT 2531 AKRON, OH 44311 330.572.2100 FAX: 330.572.2102

DATE	REMARKS	
03.11.22	Issued for Permit	
04.29.22	Issued for Bid	

CONTRACT DATE: 01.24.22 BUILDING TYPE: END. MED20 PLAN VERSION: MARCH 2021 BRAND DESIGNER: DICKSON SITE NUMBER: 315289 456917 STORE NUMBER: PA/PM: JW DRAWN BY. JOB NO.: 2021088.41

TACO BELL

5964 West Modglin Dr Greenfield, IN 46140

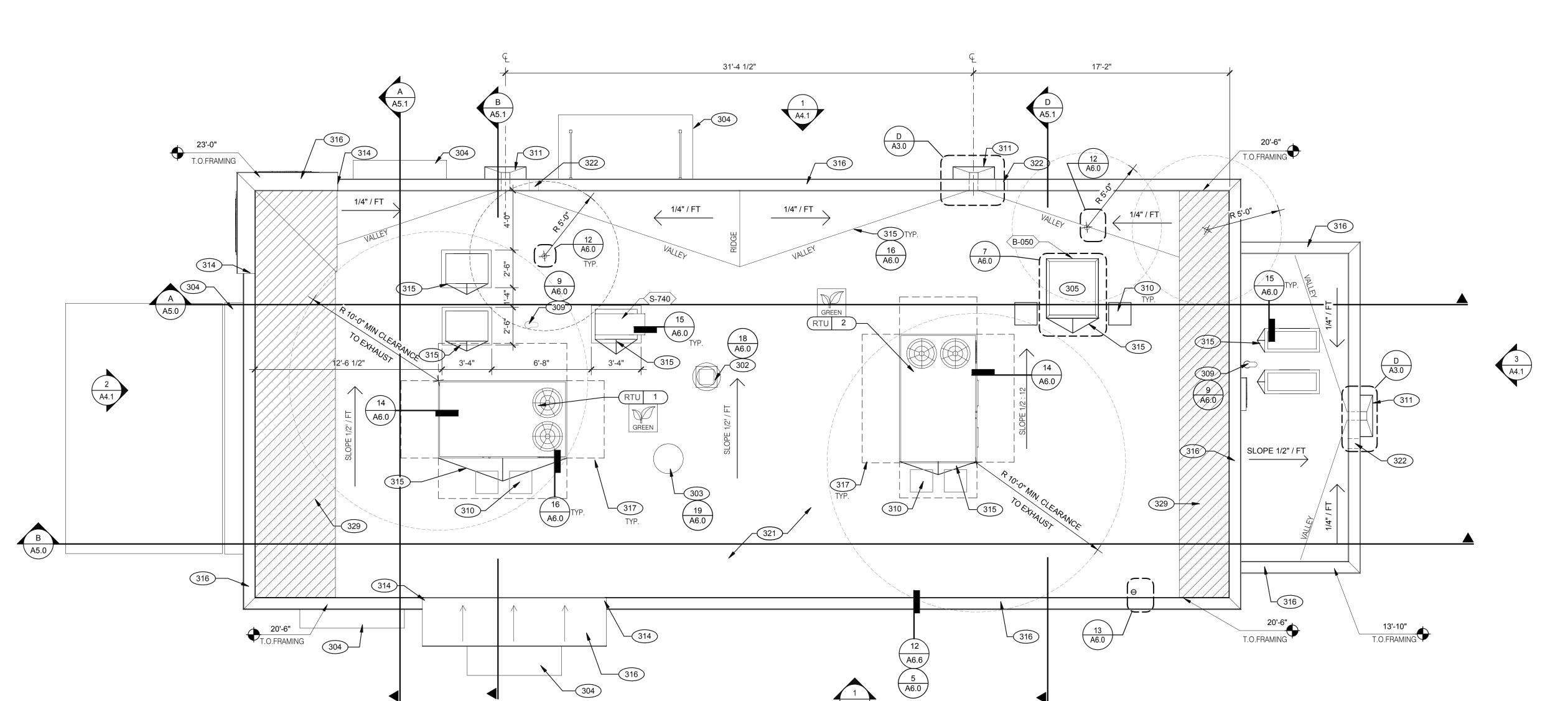


ENDEAVOR 2.0
EQUIPMENT
SCHEDULE

A2.1



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**Utility Comments** 04.29.22 Issued for Bid CONTRACT DATE: 01.24.22 BUILDING TYPE: END. MED20

PLAN VERSION: MARCH 2021 BRAND DESIGNER: DICKSON SITE NUMBER: 315289 STORE NUMBER: 456917 PA/PM: **ROOF PLAN** 1/4" = 1'-0" **1** DRAWN BY .:

JOB NO.:

03.31.22 Rev #2 - County &

TACO BELL

2021088.41

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**ENDEAVOR 2.0 ROOF PLAN** 

PLOT DATE: 4/28/2022 8:13:56 AM

**KEY NOTES** 

1. CALCULATIONS BASED ON 100 YEAR 1-HOUR RAINFALL RATE OF 2.8 INCHES, PER 2012 INDIANA PLUMBING CODE. PRIMARY SCUPPER 2. TOTAL ROOF AREA: 1,912 SQ FT 3. DRAINAGE AREA PER SCUPPER: 956 SQ FT 4. CAPACITY CALCULATION: (2.8 IN/HR) x (1 FT / 12 IN) x (1 HR • / 60 MIN) x (956 SQ FT) = 3.71 CU FT / MIN = 240 GPM VERTICAL WALL PRIMARY AND . 5. MINIMUM 4"x5" VERTICAL LEADER BASED ON 2012 INDIANA **OVERFLOW** BASE FLASHING SYSTEM PLUMBING CODE. SCUPPER OPENINGS mmmmm TO BE SIZED PER 22 GA. G.I. SCUPPER FLASHING-SET PRIMED U.P.C. APPENDIX D FLANGES INTO ROOF CEMENT OVER FIELD AND LOCAL CODE NOTE: ALL PLIES AND NAIL FLNAGES TO ALL ELASTOMERIC REQUIREMENTS SEAMS @ SUBSTRATE SURFACE USING SEALANT ON FLASHING TO ALL SIDES APPROPRIATE FASTENERS BE SOLDERED - SEAL CUT EDGES AT SCUPPER OPENING **OVERFLOW SCUPPER** USING WOVEN GLASS FABRIC EMBEDDED - 22 GA. G.I. INTO AND COVERED WITH FLASHING CEMENT CONDUCTOR HEAD ROOFING SYSTEM SEAMS @ CAP SHEET FLASHING TO FLASHING SHEET BE SOLDERED \* DESIGN AND SIZE PER LOCAL REQUIREMENTS

**SCUPPER FLASHING** 

A. PAINT UNDERSIDE OF PARAPET CAP FLASHING WITH FACTORY BONDED PAINT GRIP OR

B. TOP NAILING AT PARAPET CAP FLASHING WILL NOT BE ACCEPTED C. PENETRATIONS IN ROOFING MEMBRANE AND FLASHING SHALL ONLY BE MADE AS

INDICATED ON THE DRAWINGS OR SPECS.

**ROOF PLAN NOTES** 

D. SEE SPECIFICATIONS FOR SEALANT SPECS.

E. ALL SHEETS MTL FLASHONG SHALL BE 22 GA MIN.

D

A. ROOF PENETRATIONS CLOSER THAN 12" FROM ANOTHER WILL NOT BE ALLOWED.

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

315 ROOF CRICKET. B. EXHAUST FANS MIN. 10'-0" AWAY FROM ALL AIR INTAKE / SUPPLY. METAL PARAPET CAP. 316 MAINTAIN MANUFACTURERS ROOFTOP UNIT MAINTENANCE CLEARANCE. 'DURO-LAST' SINGLE PLY ROOF MEMBRANE OVER MINIMUM R-35 RIGID INSULATION BOARD OVER 5/8" APA RATED EXTERIOR GRADE PLYWOOD OVER TRUSSES. INSTALL PER MANUFACTURER'S SPECIFICATIONS. 322 OVERFLOW SCUPPER. SEE DETAIL D/A3.0. 329 KICKERS, SEE STRUCTURAL DRAWINGS

C

302 KITCHEN HOOD EXHAUST FAN. SEE SHEETS M3.0 AND DETAIL 19/A6.0.

304 CANOPY, BY SIGNAGE VENDOR. SEE SCOPE OF WORK.

314 CHANGE IN PARAPET ELEVATION. SEE SECTION 13/A6.1.

ROOF HATCH. SEE DETAIL 7/A6.0.

310 24x36 WALK MATS. SEE ROOF SPECS.

309 PIPE HOOD FOR UTILITIES. SEE DETAIL 9/A6.0.

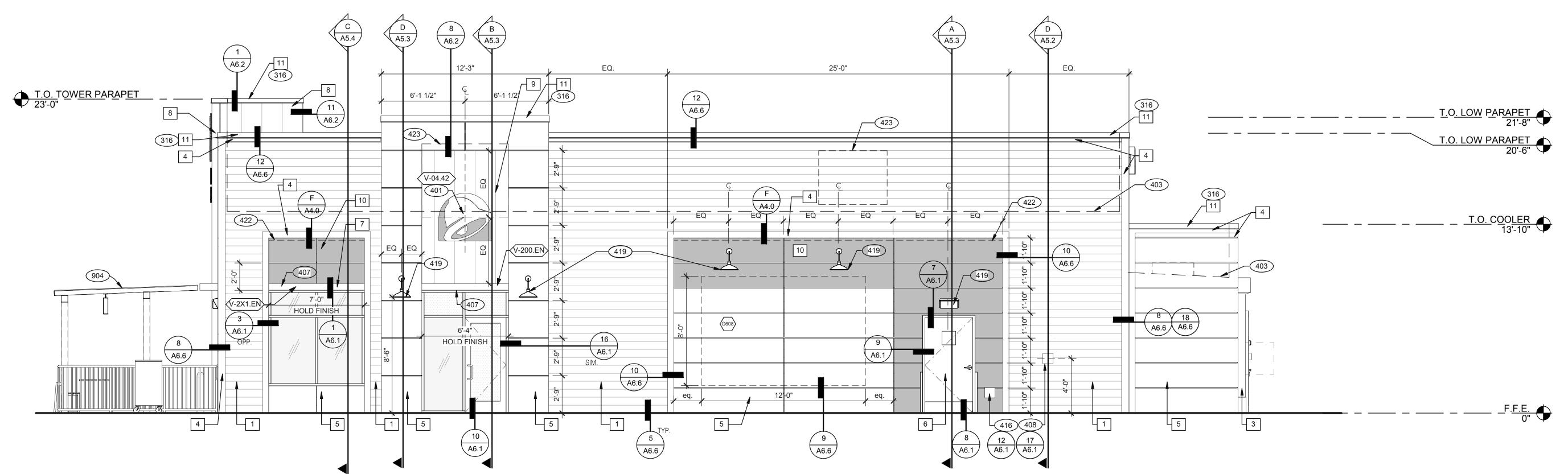
311 SCUPPER AND DOWNSPOUT. SEE DETAIL D/A3.0.

RESTROOM EXHAUST FAN. SEE MECHANICAL DRAWINGS AND DETAIL



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ENTRY PORTAL SIDE ELEVATION 1/4" = 1'-0" 1

APPLICATOR MUST DO THEIR DUE DILIGENCE WITH PREPARATION. PRIMER: 1 COAT SW A24W8300

FINISH: 2 COATS SW A82-100 SERIES, MATCH COLORS FROM MATERIAL SCHEDULE. A-100 EXTERIOR LATEX SATIN.

EXISTING WALL -HORIZONTAL TRIM #8 S.S.P.H. WOOD SCREW @ 24" O.C. -.063" BRAKE FORMED CARLING TYPE EXTERNAL DISCONNECT SWITCH TRANSFORMER BOX TO AGILIGHT ULTRA 650 HOUSE POWER SUPPLY PURPLE LED - (5) PER WALL BUSTER FOR LED WIRE PASS THRU -2" 3/16 SPACER W/ 14" DIAMETER HARDWARE / 1/2" X 6' LONG FLEXIBLE AS REQUIRED -LIQUID TITLE CONDUIT WHIP TO OWNER PROVIDED POWER SUPPLY

LED WALL WASHER DETAIL

TYPE MARK	QTY	ITEM DESCRIPTION	LOC
TOWER			
V-09.14W	2	14" WHITE CHANNEL LETTERS VERTICAL	A4.1
V-04.42	2	42" SWINGING BELL PURPLE LOGO FACE LIT	A4.1
SIDE ENTRY			
V-04.42	1	42" SWINGING BELL PURPLE LOGO FACE LIT	A4.0
V-200.EN		SIDE ENTRY AWNING 6' 3" L X 6" H X 3' 0" D, BLACK	A4.0
DRIVE THRU			
V-101.DT	1	DT AWNING (OVER DT) 9' 0" L X 6" H X 4' 0" D, BLACK	A4.1
REAR			
V-09.10W	1	10" WHITE CHANNEL LETTERS VERTICAL	A4.1
V-04.24	1	24" SWINGING BELL PURPLE LOGO FACE LIT	A4.1
EYEBROW AWNINGS			
V-2X1.EN	1	SIDE ENTRY EYEBROW (WINDOW) 6' 11' L 6" H X 1' 4" D, BLACK	A4.0
V-202.EN	1	FRONT EYEBROW (WINDOW) 16' 9" X 6" H X 1' 4" D, BLACK	A4.1
V-2X3.EN	1	DT EYEBROW (WINDOW) 6' 2" L X 6" H X 1' 4" D, BLACK	A4.1

SEALERS (REFER TO SPECS) A. SEALANT AT ALL WALL AND ROOF PENETRATIONS. B. SEALANT AT ALL WINDOW AND DOOR FRAMES AND JAMB. DO NOT SEAL SILL @ WINDOWS. C. APPLY NEOPRENE GASKET (CONT.) BETWEEN BUILDING AND CANOPY. A. REQUIRED CLEAR OPENING WIDTH TO ENSURE COORDINATION WITH STANDARD SIGNAGE/BUILDING ELEMENTS DIMENSIONS. NOTE: NO EXTERIOR SIGNS ARE WITHIN THE SCOPE OF WORK COVERED BY THE BUILDING PERMIT

A. SEE SHEET A1.1 "WINDOW TYPES" FOR WINDOW ELEVATIONS.

APPLICATION. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL EXTERIOR SIGNS AND INSTALLATION OF REQUIRED BLOCKING AND ELECTRICAL CONNECTIONS FOR FINAL APPROVED SIGNS.

**GENERAL NOTES** 

DAINT NOTES

316 METAL PARAPET CAP. BUILDING SIGN BY VENDOR. REQUIRES ELECTRICAL, SEE ELECTRICAL

DASHED LINE INDICATES ROOF BEYOND.

METAL CANOPIES BY VENDOR. REQUIRES ELECTRICAL, SEE ELECTRICAL

408 CO2 FILLER VALVE & COVER.

OUTLINE OF RTU BEYOND.

PATIO CANOPY, PROVIDED AND INSTALLED BY G.C. SEE SHEET A9.0 FOR

PAINT	NOTES	

416 HOSE BIBB BOX AT 18" A.F.F. SEE PLUMBING DRAWINGS. 419 EXTERIOR LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.

422 PURPLE LIGHT WALL WASHER, PROVIDED BY SIGNAGE VENDOR, REQUIRES ELECTRICAL, SEE ELECTRICAL PLANS.

TAC

TACO BELL

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Greenfield, IN 46140

**ENDEAVOR 2.0 EXTERIOR ELEVATIONS** 

04.29.22 Issued for Bid

CONTRACT DATE:

BUILDING TYPE:

BRAND DESIGNER:

PLAN VERSION:

SITE NUMBER:

PA/PM:

DRAWN BY.:

JOB NO.:

STORE NUMBER:

01.24.22

END. MED20

MARCH 2021

DICKSON

315289

456917

2021088.41

SYMBOL	ITEM/MATERIAL	MANUFACTURER	MATERIAL SPEC	COLOR	CONTACT INFORMATION
1	SIDING	JAMES HARDIE	ARTISAN V-GROOVE 144"L X 8.25"W; 7" EXPOSURE COMES PRIMED FOR PAINT	WORLDLY GRAY (SW7043), SEMI-GLOSS	SEE C / A 7.2
2	SCUPPERS	-	-	WORLDLY GRAY (SW7043), SEMI-GLOSS	
3	DOWN SPOUTS	-	-	WORLDLY GRAY (SW7043), SEMI-GLOSS	
4	HARDIE TRIM	JAMES HARDIE	HARDIE TRIM 5/4 SMOOTH 1"x5.5"	CYBERSPACE (SW7076), SEMI-GLOSS	SEE C / A 7.2
5	HARDIE REVEAL PANEL	JAMES HARDIE	REVEAL PANEL SYSTEM	CYBERSPACE (SW7076), SEMI-GLOSS	SEE C / A 7.2
6	HOLLOW METAL DOOR	-	-	SW PURPLE TB2603C, SEMI-GLOSS	
7	AWNINGS	SIGNAGE VENDOR	-	BLACK BY THE SIGNAGE VENDOR	
8	CORNER TOWER	WESTERN STATE	T-GROOVE 24GA PAINTED 18" PANEL	WEATHERED RUSTIC	SEE C / A 7.2
9	RECESS OF SIDE ENTRY PORTAL	WESTERN STATE	T-GROOVE 24GA PAINTED 18" PANEL	WEATHERED RUSTIC	SEE C / A 7.2
10	HARDIE REVEAL PANEL	JAMES HARDIE	REVEAL PANEL SYSTEM	SW PURPLE TB2603C, SEMI-GLOSS	SEE C / A 7.2
11	METAL PARAPET CAP	-	24GA GALVANIZED	CYBERSPACE (SW7076) KYNAR 500 COATING	

SIGNAGE

**EXTERIOR FINISH SCHEDULE** 

D

**KEY NOTES** 

PLOT DATE: 4/28/2022 8:14:13 AM



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SEE SHEET A4.0 FOR FINISH SCHEDULE

T.O. TOWER PARAPET

203 PIPE BOLLARD. SEE CIVIL DRAWINGS.

ROOFTOP UNIT. INSTALL PLUMB AND LEVEL. SEE MECHANICAL DRAWINGS

METAL PARAPET CAP. 401

BUILDING SIGN BY VENDOR. REQUIRES ELECTRICAL, SEE ELECTRICAL

DASHED LINE INDICATES ROOF BEYOND.

METAL CANOPIES BY VENDOR. REQUIRES ELECTRICAL, SEE ELECTRICAL PLANS.

ASSUME D/T LANE SURFACE IS 6" BELOW THE FINISH FLOOR. REFER TO GRADING & SITE PLAN. 411 CONCRETE CURB.

419 EXTERIOR LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS. 422 PURPLE LIGHT WALL WASHER, PROVIDED BY SIGNAGE VENDOR,

REQUIRES ELECTRICAL, SEE ELECTRICAL PLANS.

423 OUTLINE OF RTU BEYOND.

424 ALIGN REVEAL WITH VERTICAL MULLION. 904 PATIO CANOPY, PROVIDED AND INSTALLED BY G.C. SEE SHEET A9.0

401

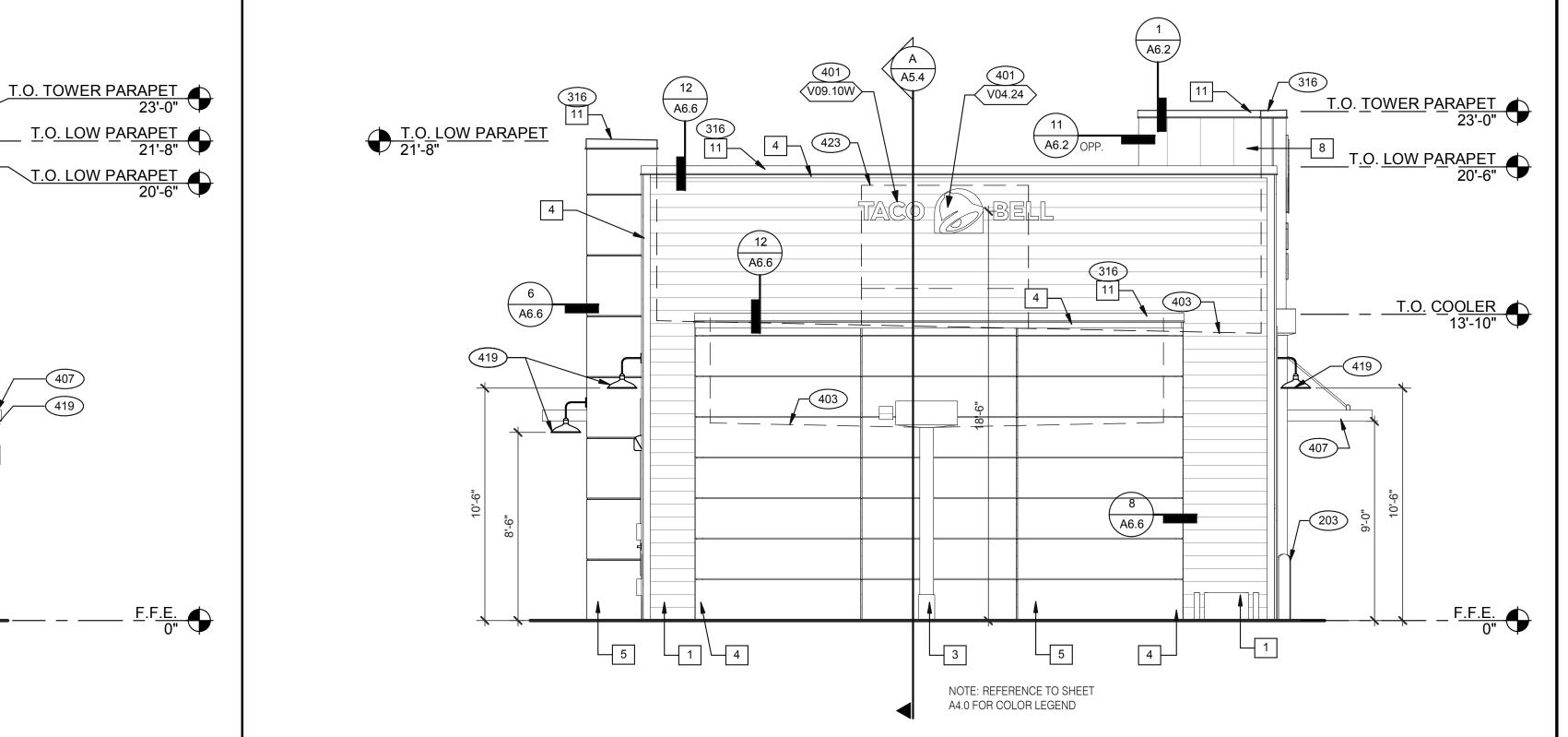
V-2X3.EN

 $\sqrt{A4.0}/\sqrt{A6.1}$ 

HOLD FINISH

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

**KEY NOTES** 



CON	ITRACT DAT	E:	01.24.22
BUIL	DING TYPE	:	END. MED20
PLAN	N VERSION:		MARCH 2021
BRA	ND DESIGNER:		DICKSON
SITE	NUMBER:		315289
STO	RE NUMBER	₹:	456917
DA/D	ο <b>Ν</b> Λ ·		1\A/

04.29.22 Issued for Bid

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2021088.41

DRAWN BY.

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**ENDEAVOR 2.0 EXTERIOR ELEVATIONS** 

PLOT DATE: 4/28/2022 8:14:41 AM

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

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

EQ-

 $\begin{pmatrix} 9 \\ A6.6 \end{pmatrix}$ 

4'-0"

V-202.EN

5 SIM. 5

\A4.0

A4.0

A6.6

EQ-

4'-0"

11 A6.2

F A4.0

10 A6.1

419

424

16'-10"

A6.1

5 A6.6

HOLD FINISH

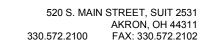
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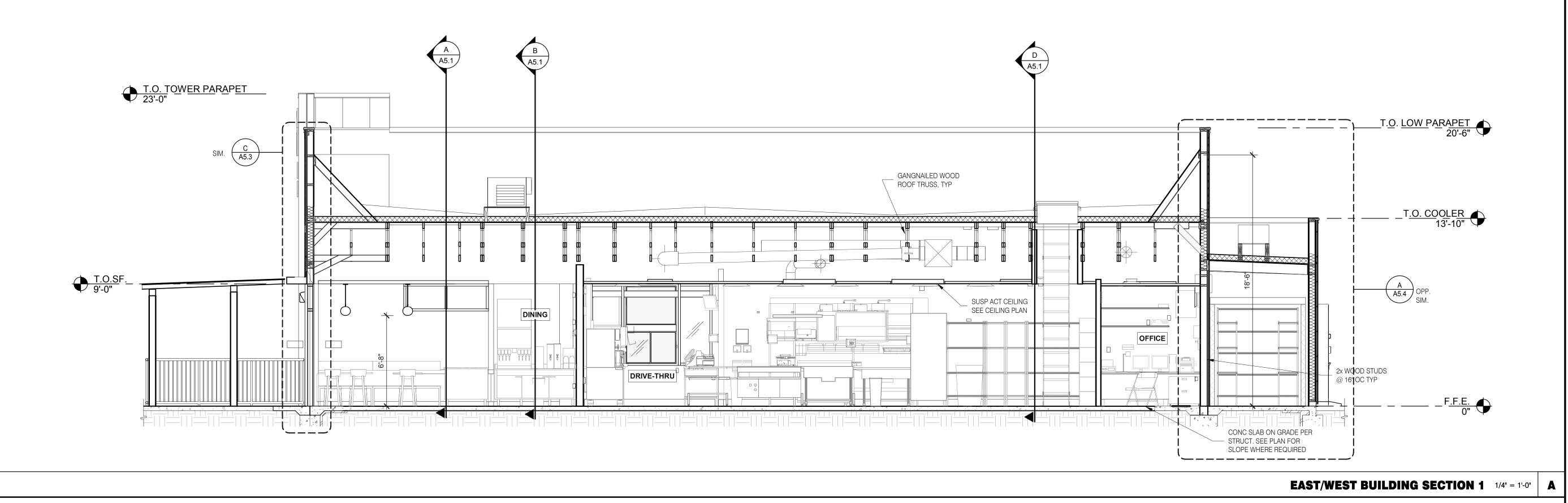
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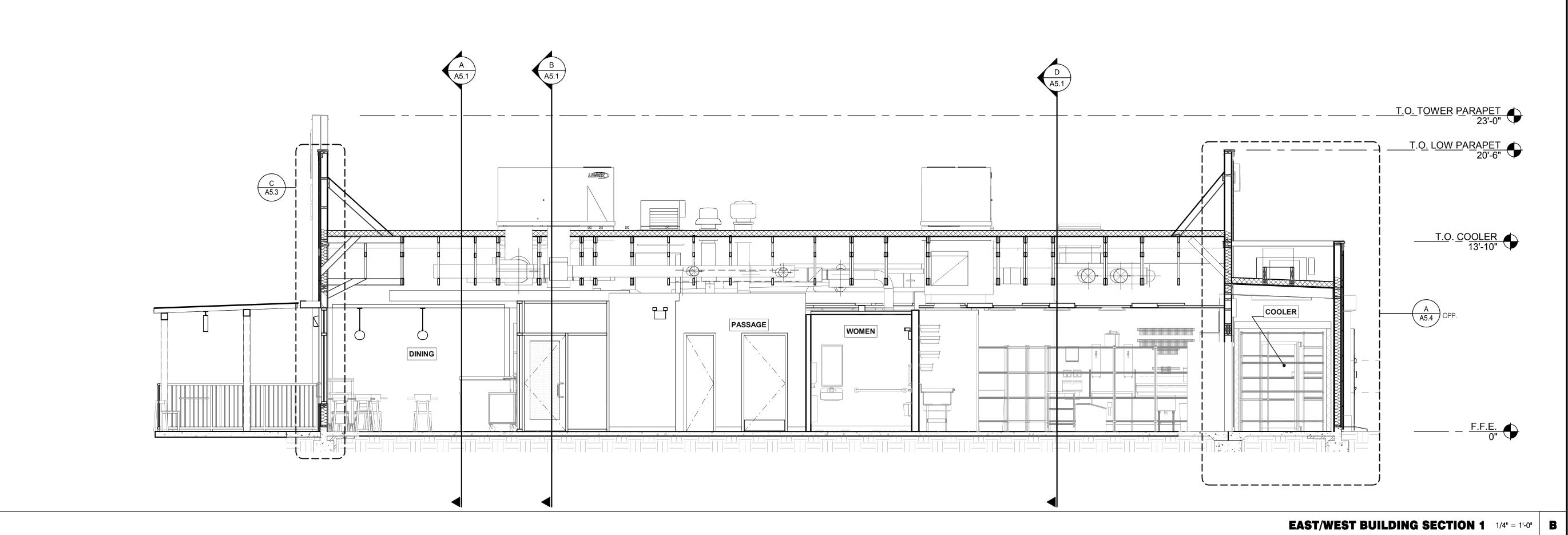
403

419









	DATE	REMARKS
	03.11.22	Issued for Permit
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CONTRACT DATE: 01.24.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315289
STORE NUMBER: 456917
PA/PM: JW
DRAWN BY.: MS
JOB NO.: 2021088.41

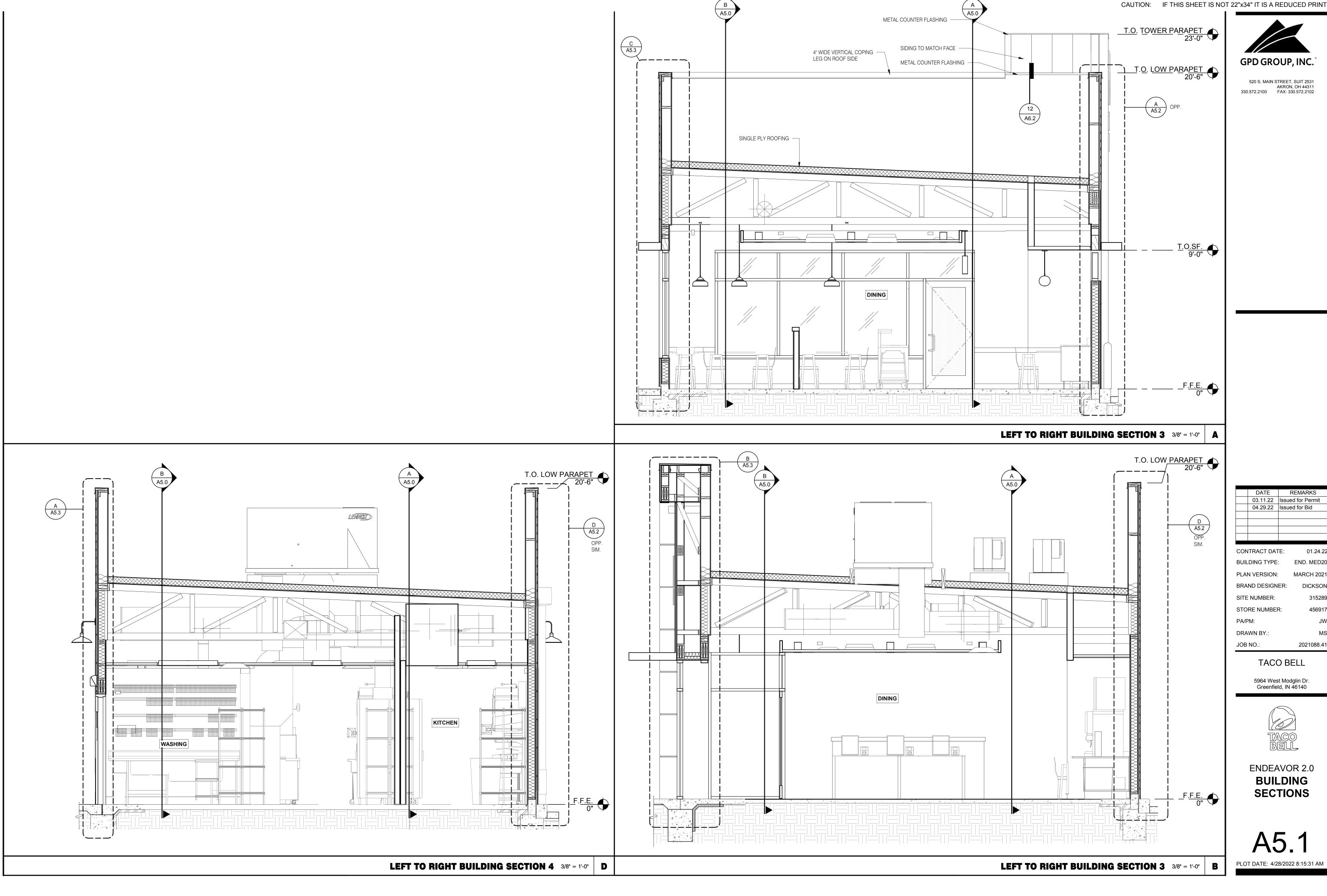
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ENDEAVOR 2.0
BUILDING
SECTIONS

A5.0





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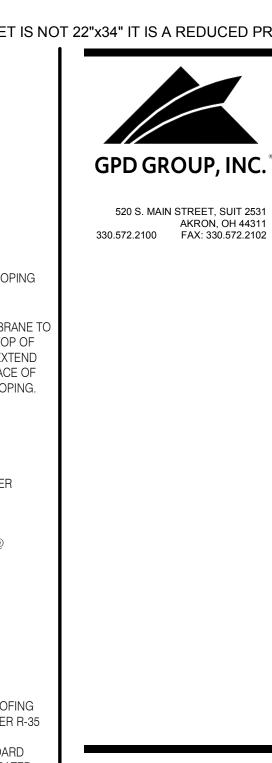
CONTRACT DATE: BUILDING TYPE: PLAN VERSION: BRAND DESIGNER: STORE NUMBER: 2021088.41

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**ENDEAVOR 2.0** BUILDING **SECTIONS** 



04.29.22 Issued for Bid

CONTRACT DATE: BUILDING TYPE:

PLAN VERSION:

SITE NUMBER:

DRAWN BY.

JOB NO.:

STORE NUMBER:

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**ENDEAVOR 2.0** 

**WALL** 

**SECTIONS** 

A5.2

PLOT DATE: 4/28/2022 8:15:35 AM

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

BRAND DESIGNER:

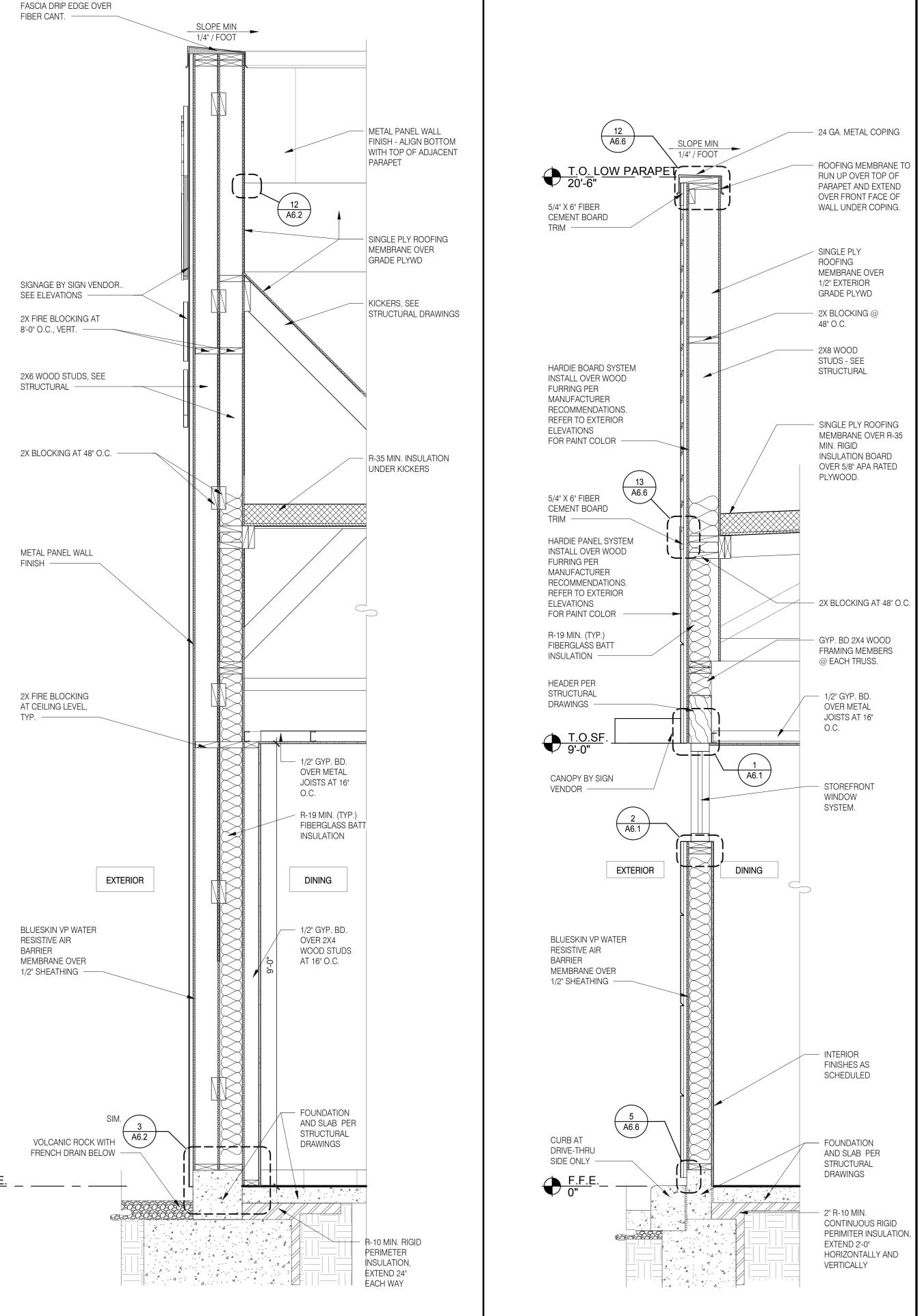
01.24.22

END. MED20

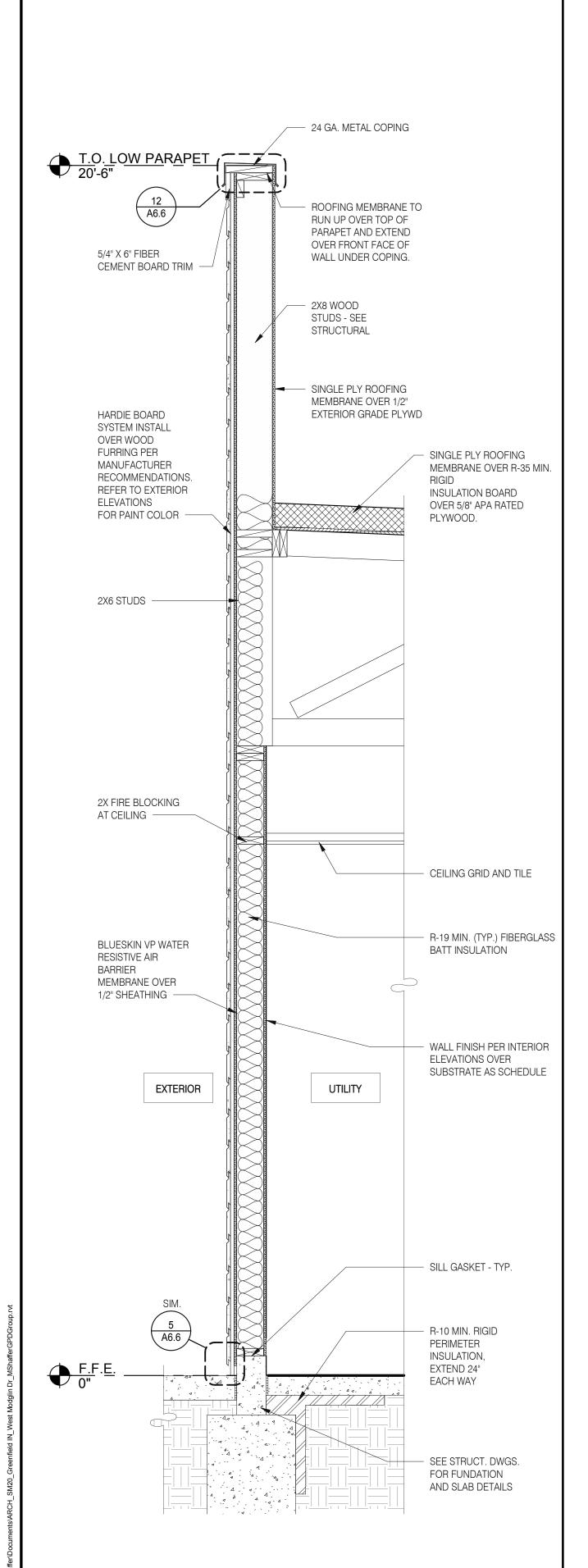
MARCH 2021

DICKSON

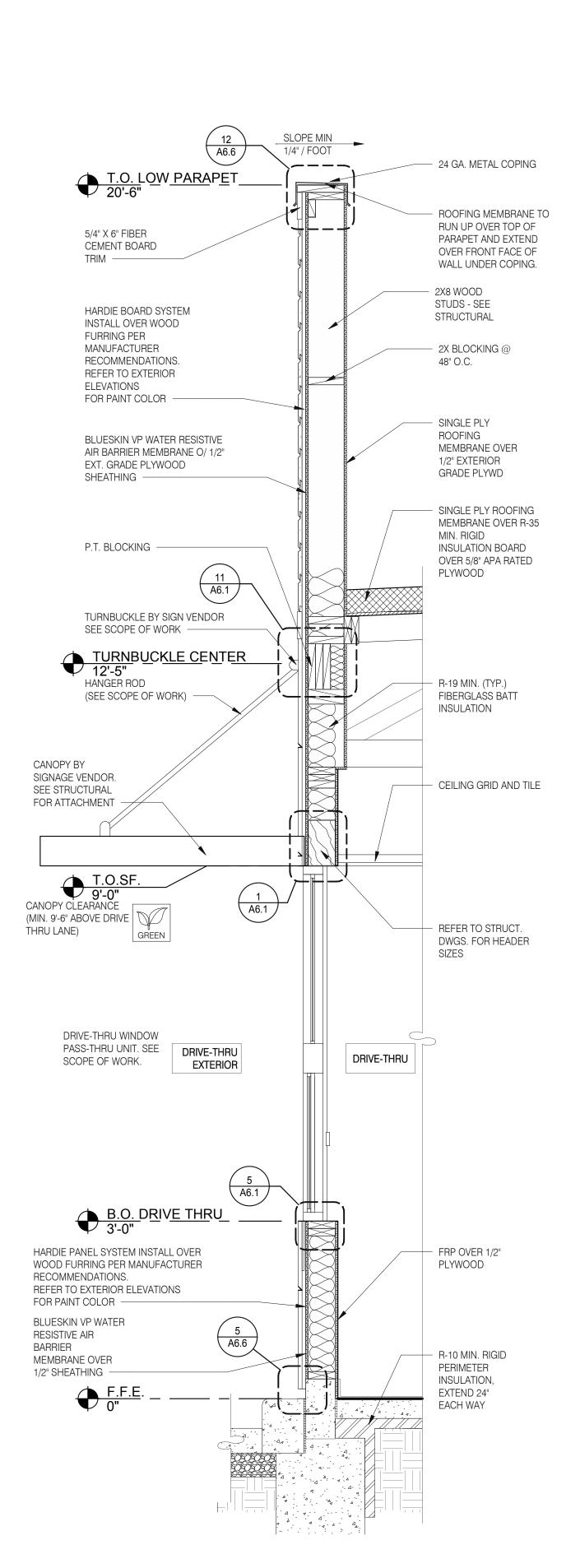
2021088.41



SECTION AT DINING - TOWER 3/4" = 1'-0" B

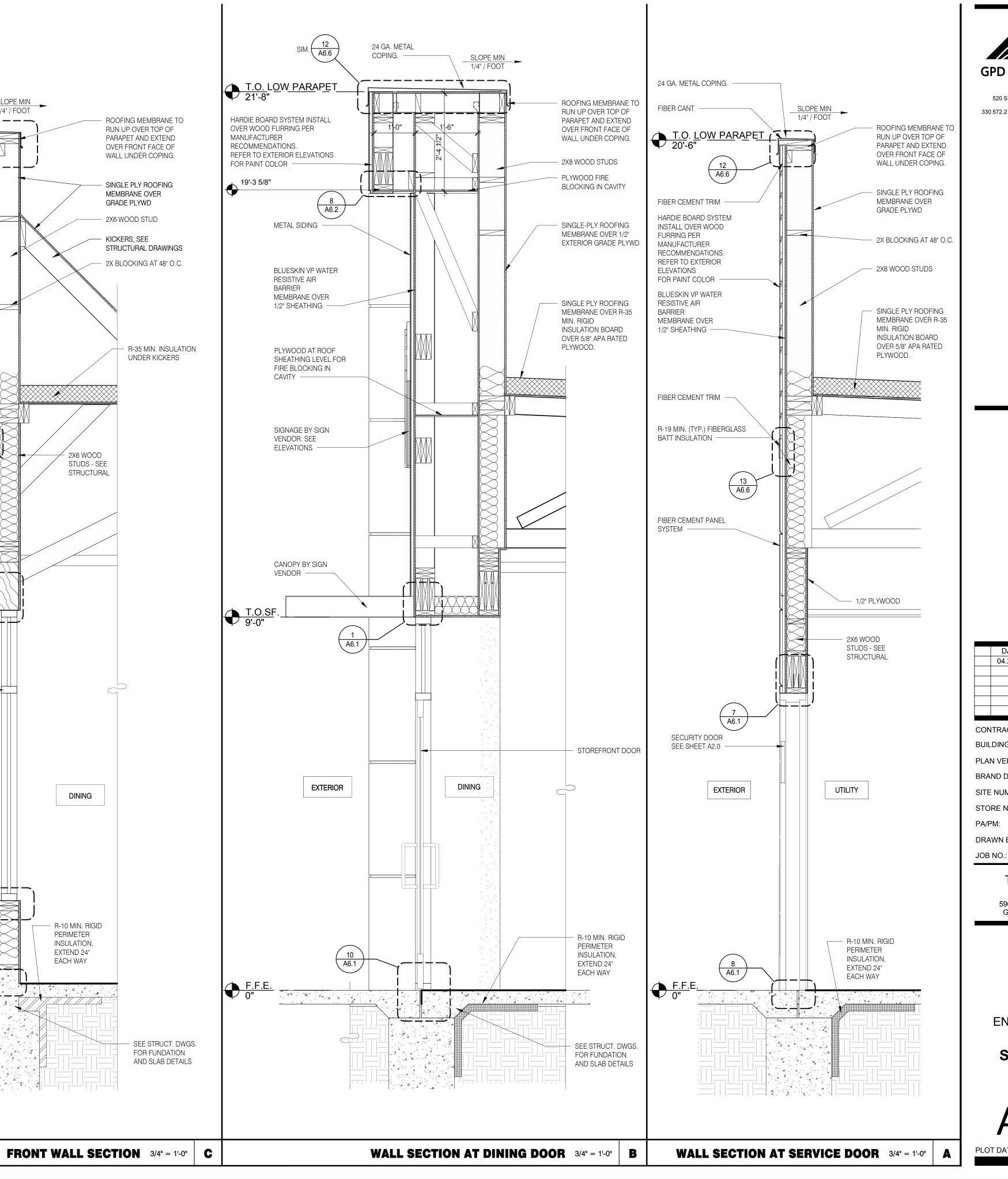


TYPICALWALL SECTION 3/4" = 1'-0" D



WALL SECTION AT DRIVE THRU 3/4" = 1'-0" C

24 GA. METAL COPING



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CONTRACT DATE: **BUILDING TYPE:** END. MED20

MARCH 2021 PLAN VERSION: **BRAND DESIGNER:** SITE NUMBER: STORE NUMBER: DRAWN BY. 2021088.41

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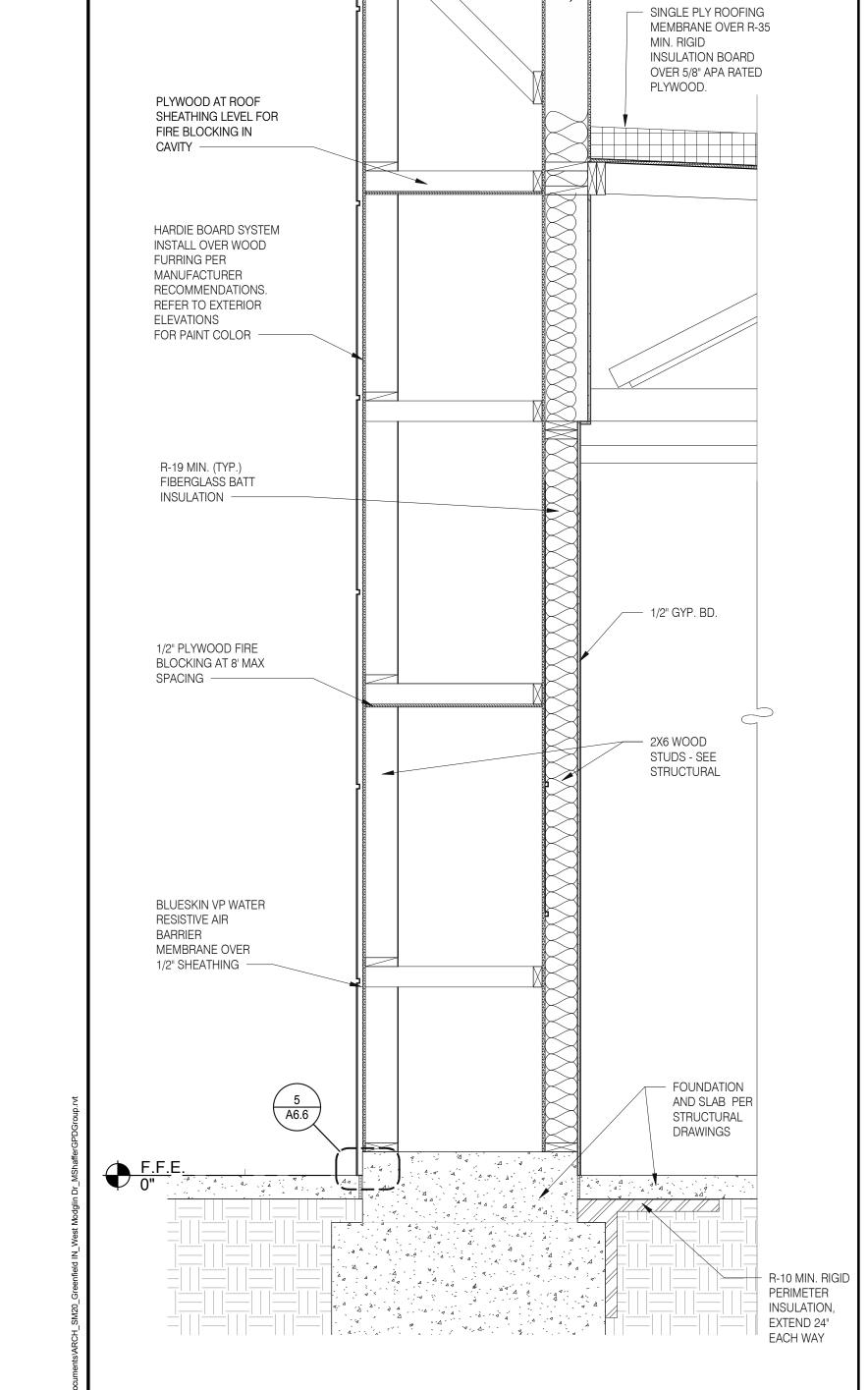
Greenfield, IN 46140



**ENDEAVOR 2.0** WALL **SECTIONS** 

A5.3

PLOT DATE: 4/28/2022 8:15:40 AM



24 GA. METAL

FIBER CANT -

SLOPE MIN
1/4" / FOOT

ROOFING MEMBRANE TO

RUN UP OVER TOP OF

PARAPET AND EXTEND

OVER FRONT FACE OF

WALL UNDER COPING.

SINGLE PLY ROOFING

MEMBRANE OVER

GRADE PLYWD

2X8 WOOD STUDS

FRONT WALL SECTION 3/4" = 1'-0" D

24 GA. METAL COPING. -

FIBER CEMENT TRIM

HARDIE BOARD SYSTEM

INSTALL OVER WOOD

RECOMMENDATIONS.

REFER TO EXTERIOR

BLUESKIN VP WATER

**FURRING PER** 

**ELEVATIONS** 

MANUFACTURER

FOR PAINT COLOR

RESISTIVE AIR

MEMBRANE OVER

FIBER CEMENT TRIM -

BATT INSULATION -

FIBER CEMENT PANEL

CANOPY BY SIGN

STOREFRONT WINDOW

HARDIE BOARD SYSTEM INSTALL OVER WOOD FURRING PER

REFER TO EXTERIOR ELEVATIONS

MANUFACTURER

RECOMMENDATIONS.

FOR PAINT COLOR

EXTERIOR

SYSTEM -

SYSTEM -

VENDOR -

R-19 MIN. (TYP.) FIBERGLASS

1/2" SHEATHING

BARRIER

SLOPE MIN
1/4" / FOOT

MEMBRANE OVER

GRADE PLYWD

2X6 WOOD STUD

KICKERS, SEE

2X6 WOOD

STUDS - SEE

DINING

- R-10 MIN. RIGID

PERIMETER

INSULATION,

EXTEND 24"

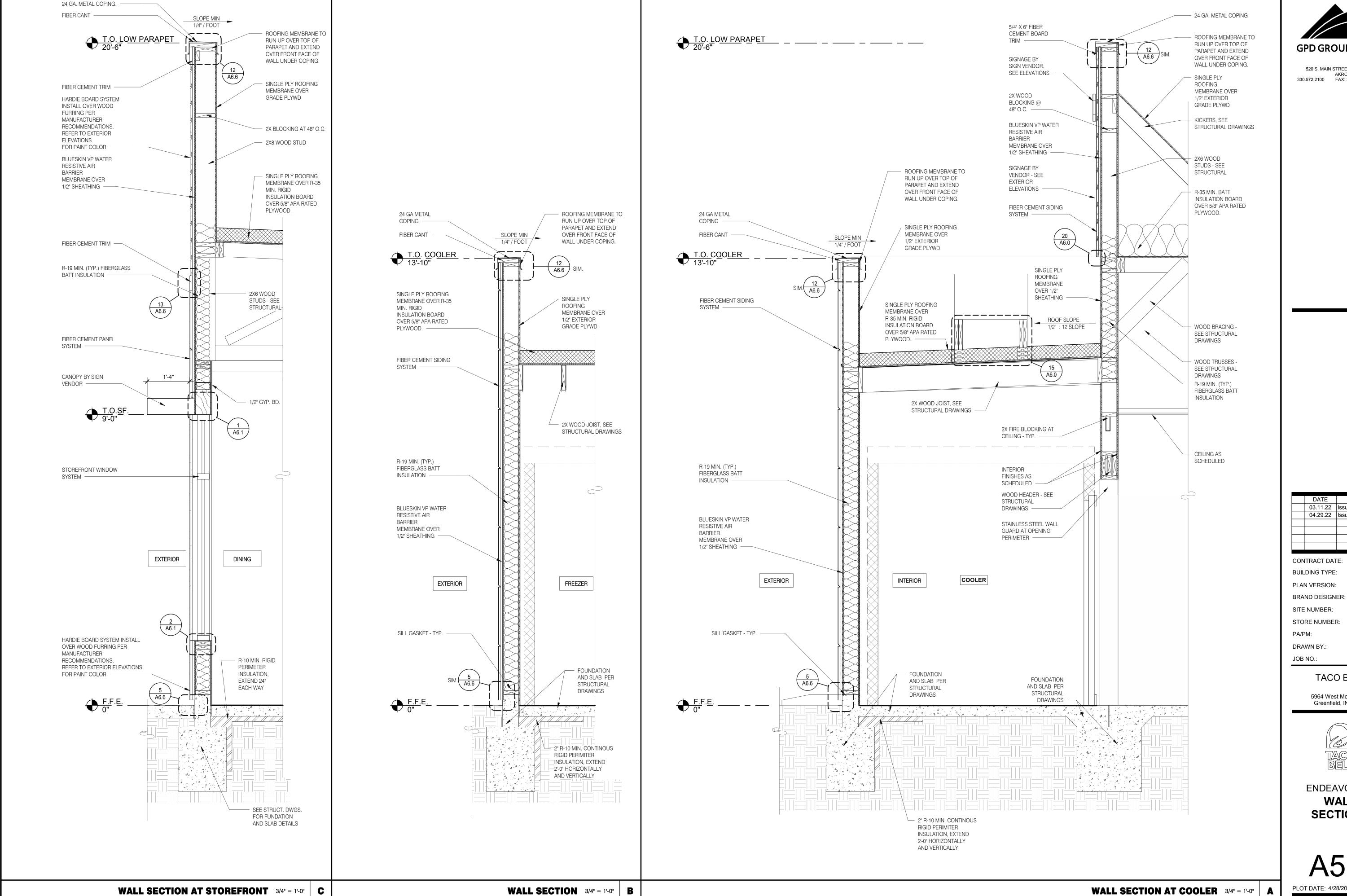
EACH WAY

STRUCTURAL

 $\leftarrow$  - -  $\sim$ 

FIBER CANT -

COPING. -



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2021088.41 TACO BELL

04.29.22 Issued for Bid

01.24.22

END. MED20

MARCH 2021

DICKSON

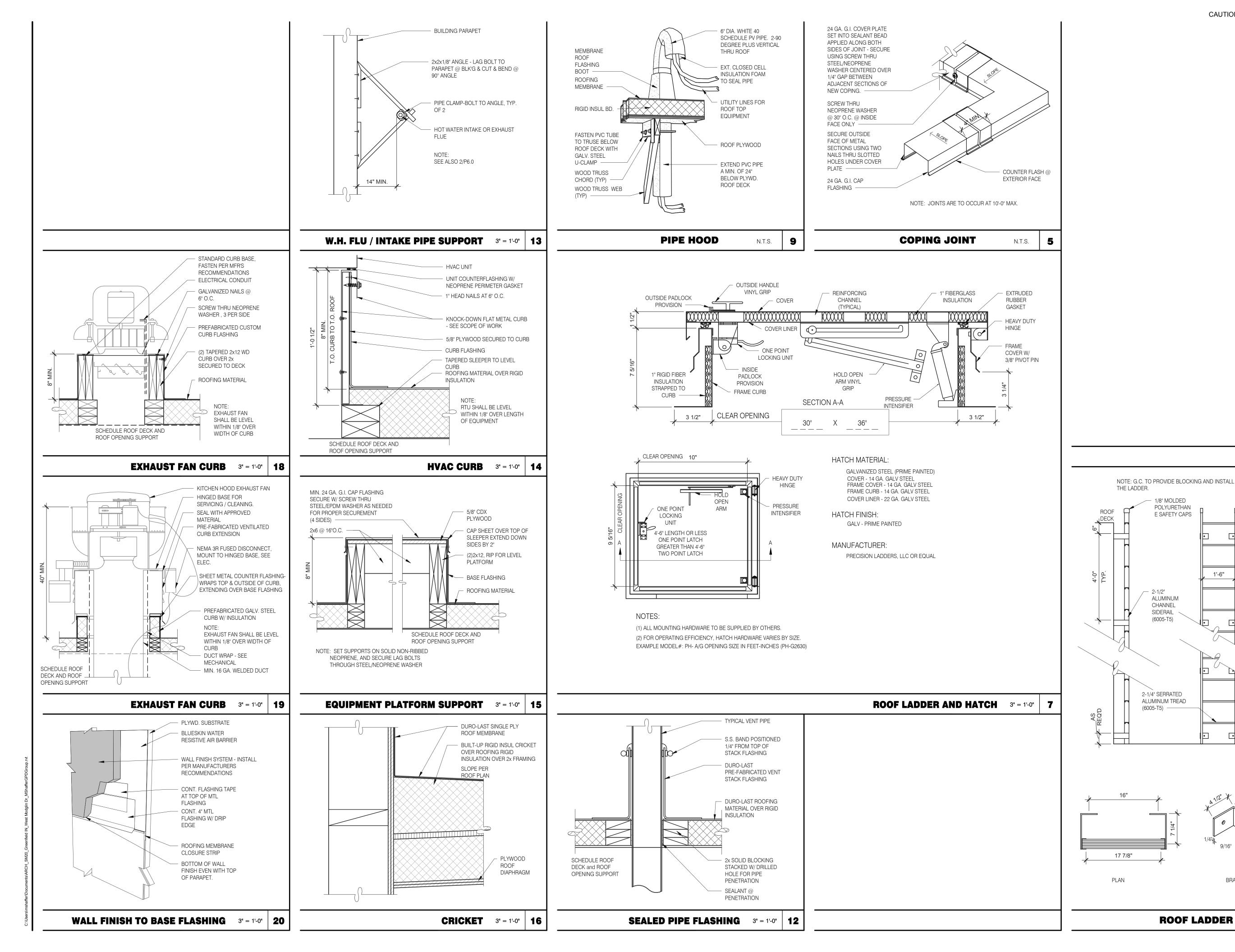
456917

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**ENDEAVOR 2.0 WALL SECTIONS** 

PLOT DATE: 4/28/2022 8:15:43 AM





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- 1/8" MOLDED POLYURETHAN E SAFETY CAPS  □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	_				
			DATE		REMARKS
			03.11.22		ed for Permit
			04.29.22	Issue	ed for Bid
1'-6"					
- 2-1/2"	C	CONT	TRACT DAT	ΓΕ:	01.24.22
ALUMINUM CHANNEL	В	BUILE	DING TYPE	:	END. MED20
SIDERAIL	F	PLAN	VERSION:		MARCH 2021
(6005-T5)	В	BRAN	ID DESIGN	ER:	DICKSON
15.	S	SITE	NUMBER:		315289
	s	STOR	RE NUMBER	R:	456917
	P	PA/PI	M:		JW
		DRAV	VN BY.:		MS
1/A" SERBATED	J	OB N	NO.:		2021088.41

BRACKET DETAIL

N.T.S.

**ROOF LADDER** 

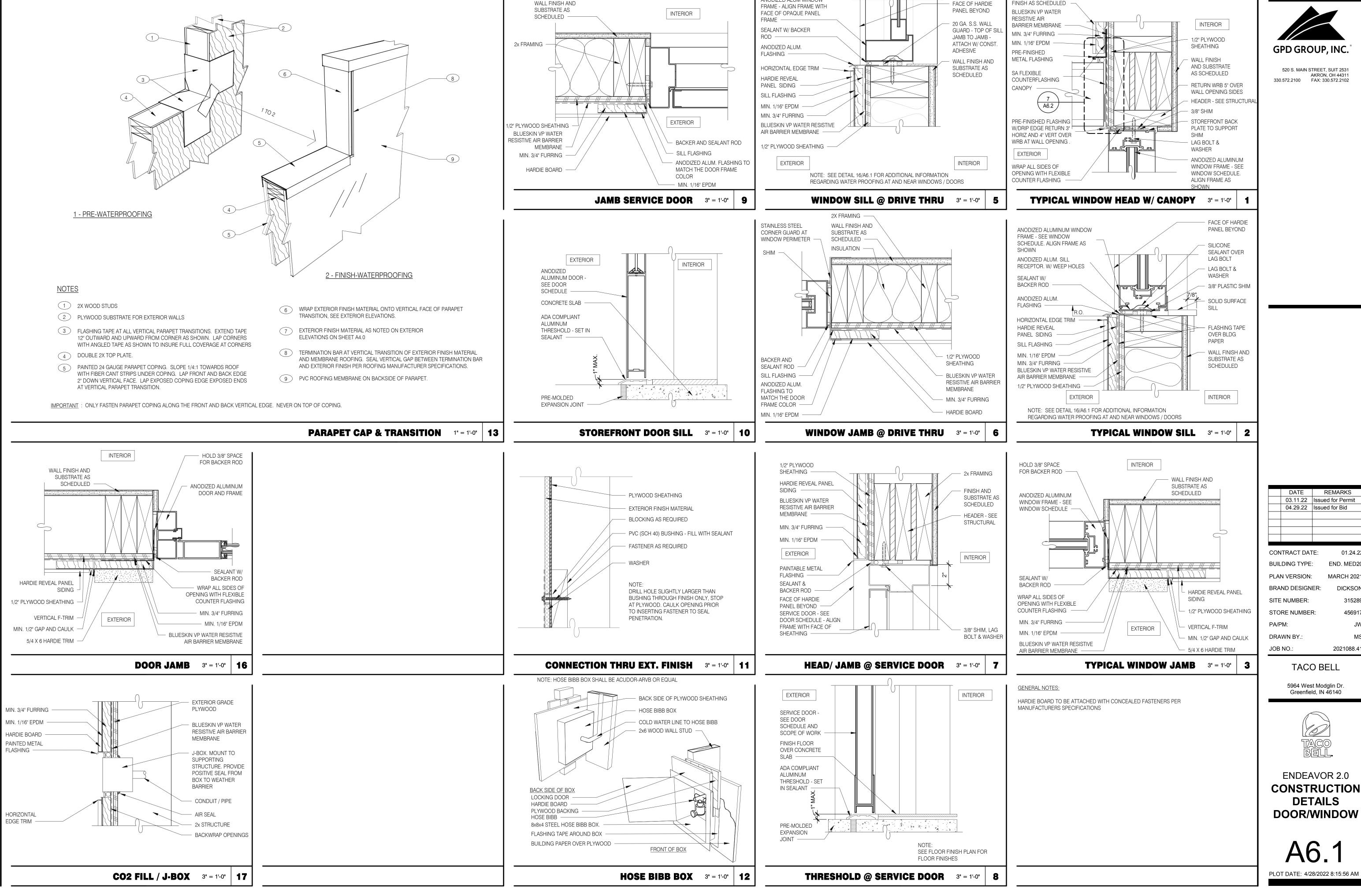
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**ENDEAVOR 2.0** CONSTRUCTION **DETAILS ROOF** 

PLOT DATE: 4/28/2022 8:15:51 AM



ANODIZED ALUM WINDOW

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TACO BELL

MARCH 2021

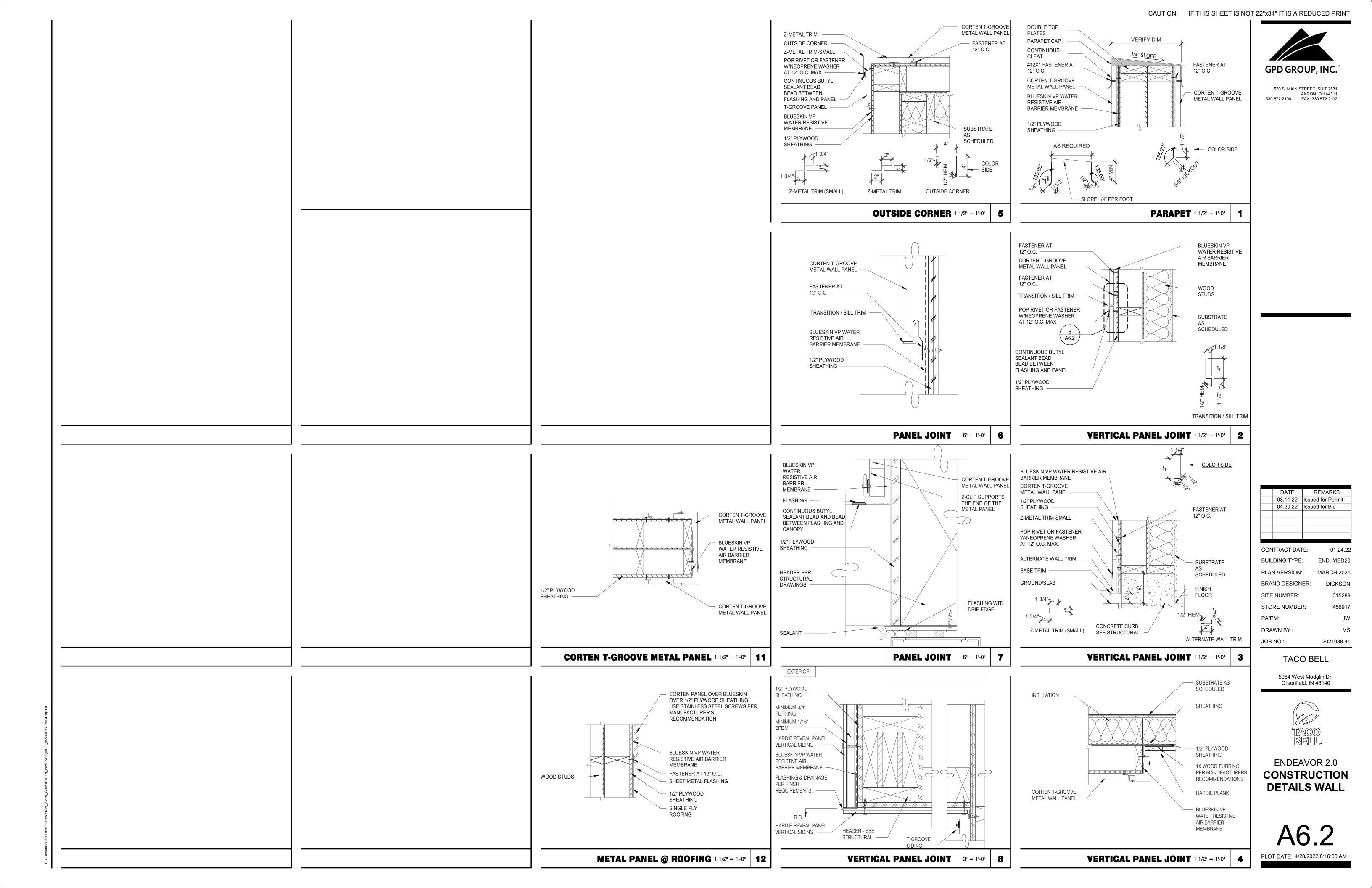
DICKSON

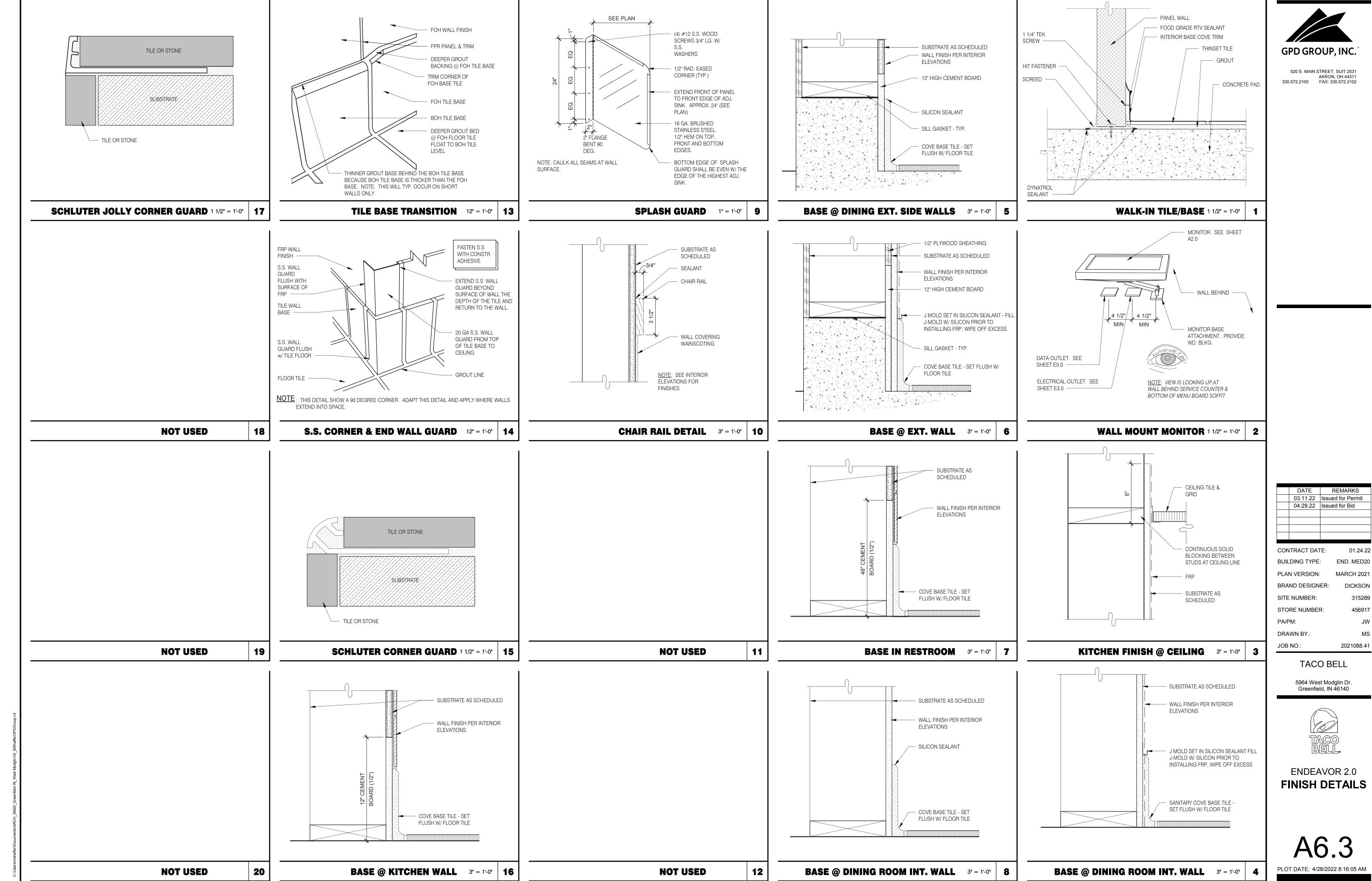
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**ENDEAVOR 2.0** CONSTRUCTION **DETAILS** DOOR/WINDOW





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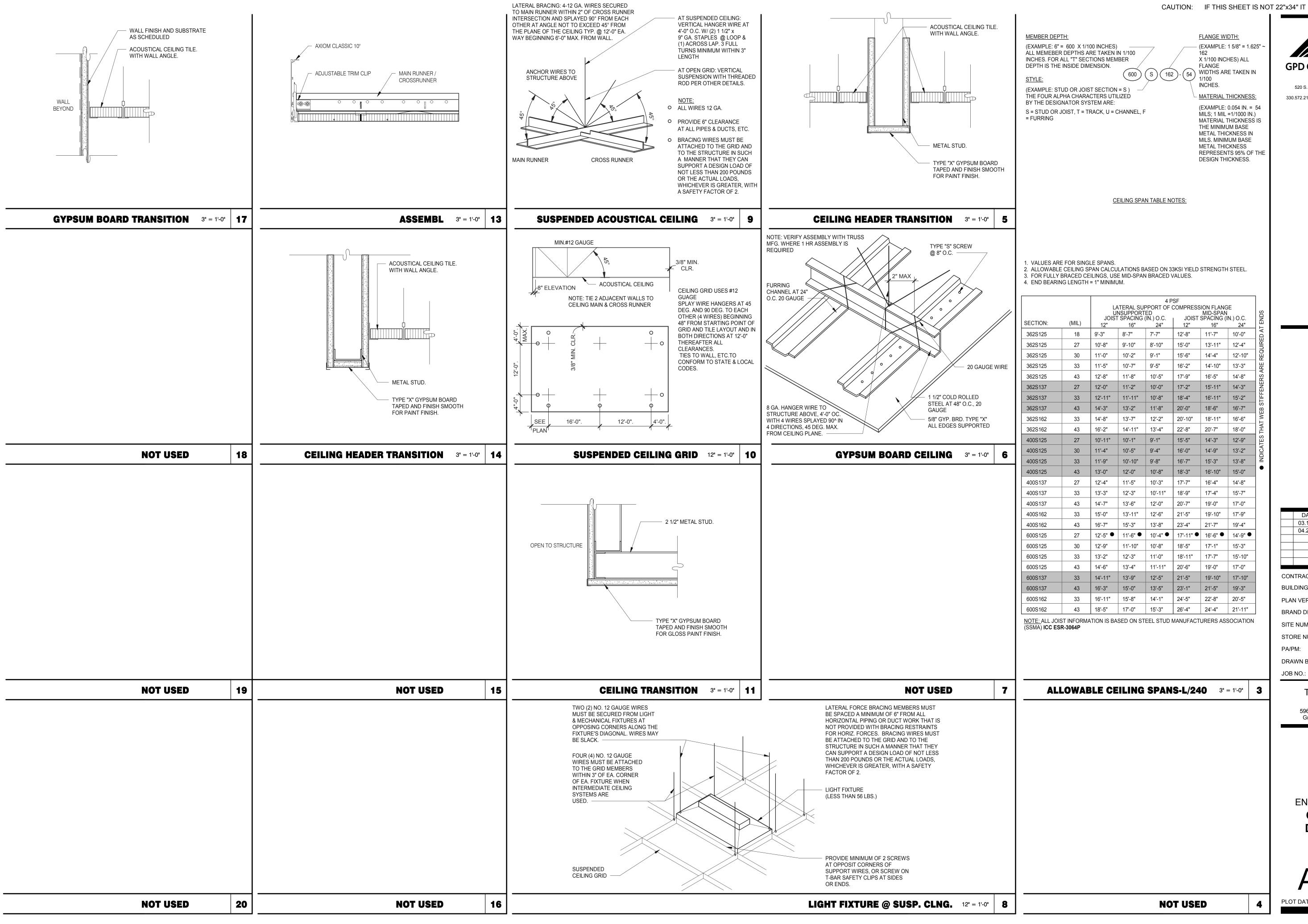
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ENDEAVOR 2.0
CONSTRUCTION
DETAILS
INTERIOR

A6.4

PLOT DATE: 4/28/2022 8:16:07 AM



CAUTION: IF THIS SHEET IS NOT 22"x34" IT IS A REDUCED PRINT

GPD GROUP, INC.

520 S. MAIN STREET, SUIT 2531 330.572.2100 FAX: 330.572.2102

	04.29.22 Issu		ed for Bid
CONTRACT DATE:			01.24.22
BUILDING TYPE:			END. MED20
PLAN VERSION:			MARCH 2021
BRAND DESIGNER:			DICKSON

SITE NUMBER: 315289 456917 STORE NUMBER: DRAWN BY. 2021088.41

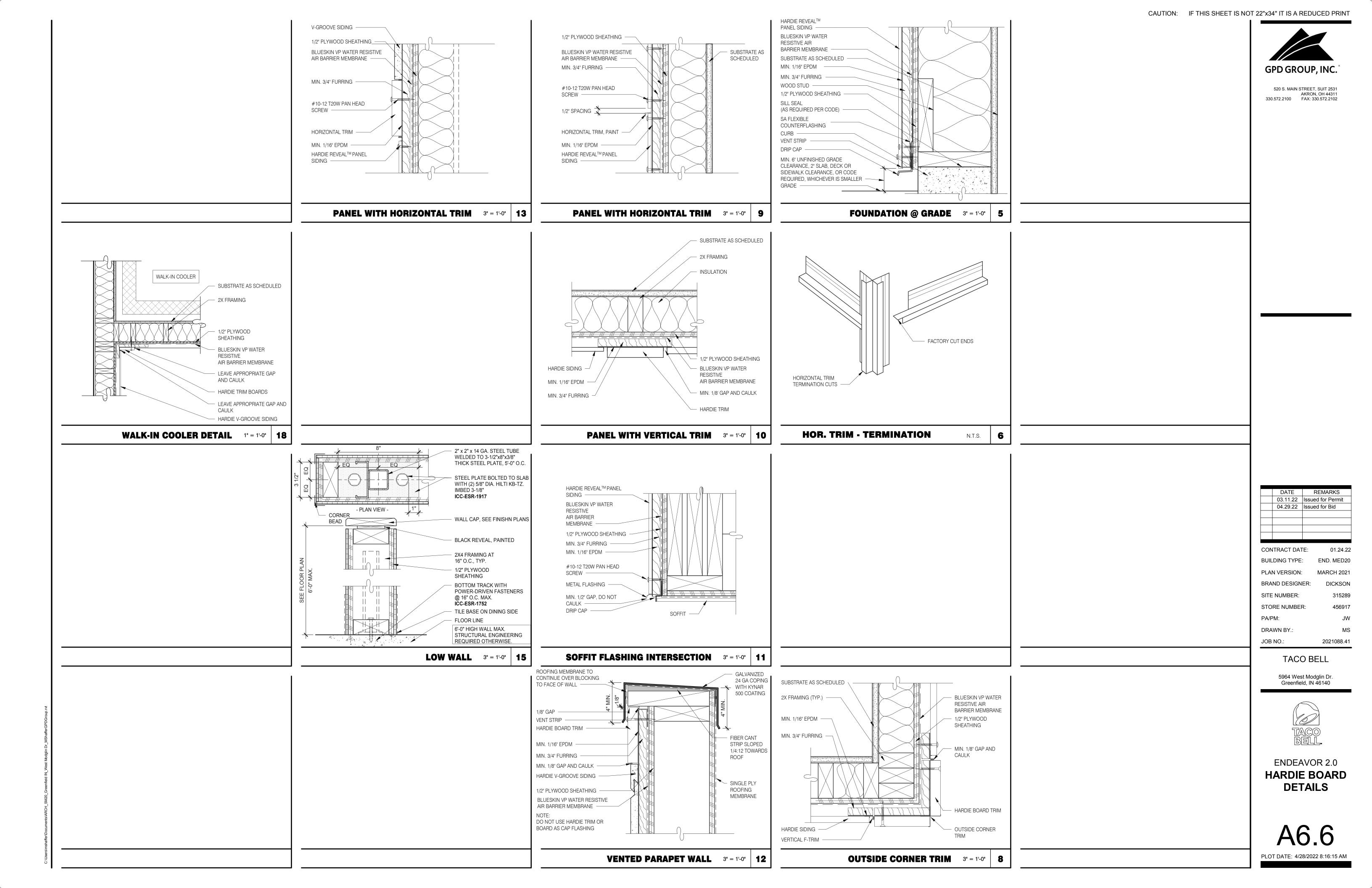
TACO BELL

5964 West Modglin Dr. Greenfield, IN 46140

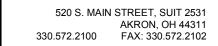


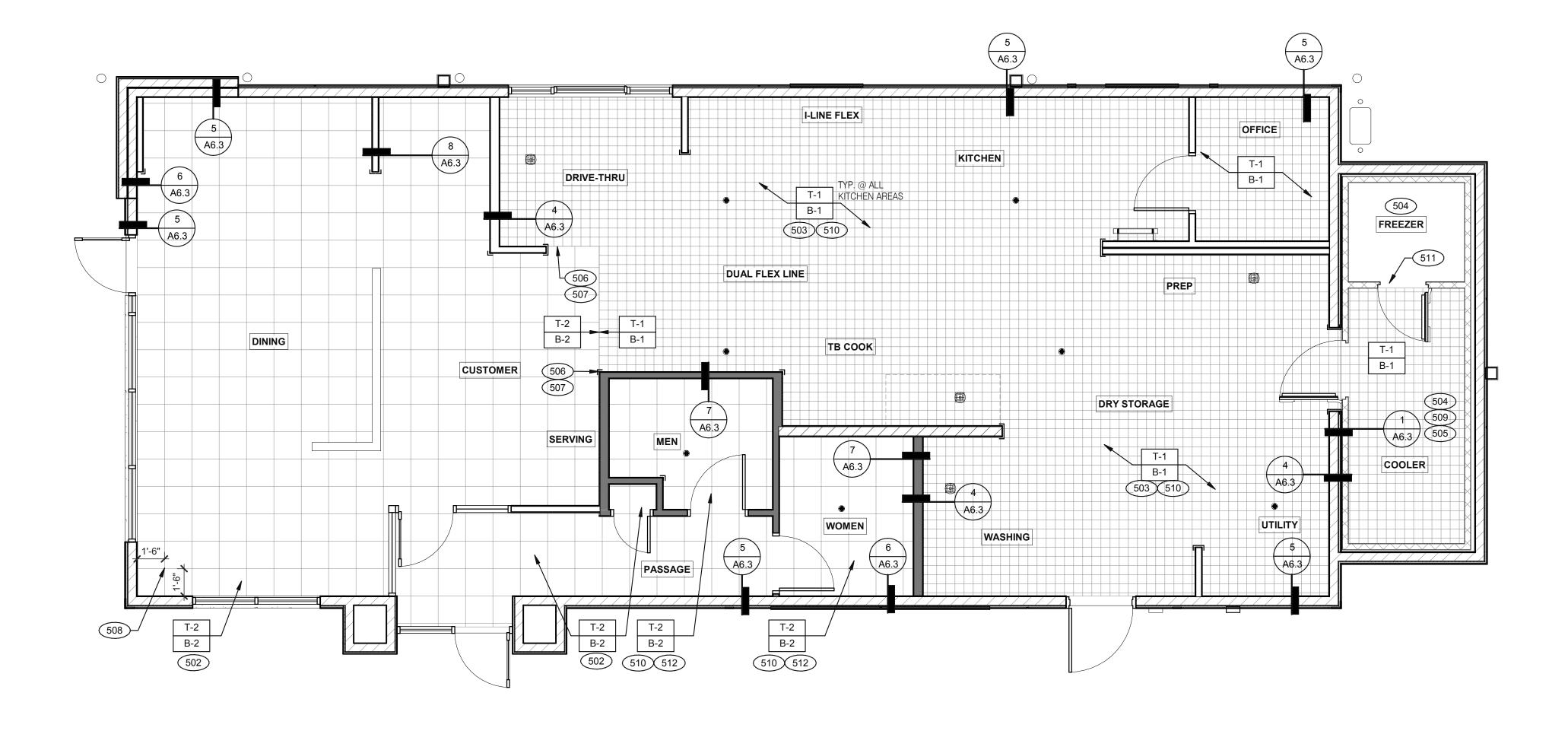
**ENDEAVOR 2.0 CEILING DETAILS** 

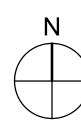
PLOT DATE: 4/28/2022 8:16:12 AM











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

A. DENOTES FINISH MATERIAL. REFER TO SHT A7.2 FOR FINISHES

B. TILE JOINT (U.O.N.): 1.QUARRY FLOOR TILE: 1/4" 2.PORCELAIN FLOOR TILE: 3/16" 3.GLAZED WALL TILE: 1/8"

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

C. TILE INSTALLATIONS REQUIRE MANUFACTURERS STANDARD MOLDED CORNERS AT BOTH INSIDE AND OUTSIDE CORNERS.

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.

G. TILE CHIPPING AROUND CORE DRILL HOLES FOR SEATING FIXTURE WILL NOT BE ACCEPTED.

502 6" COVE TILE BASE. SEE DETAILS 5 & 8/A6.3.

503 6" SANITARY COVE TILE BASE. SEE DETAILS 4, 6/A6.3. 504 PROVIDE FLOOR TILE INSIDE WALK-IN COOLER (NO TILE OR BASE IN FREEZER). FLOAT FLOOR TILE IN COOLERS TO DRAIN TO KITCHEN.

COORDINATE WITH COOLER WALL CONFIGURATION. NO BASE TILE BEHIND W-059 FOR WALK-IN COOLER/FREEZER.

506 ALIGN FLOOR TILE TRANSITION WITH FACE OF WALL.

507 FLOAT FLOOR TILE FOR FLUSH TRANSITION.

508 START POINT FOR FLOOR TILE.

509 METAL BASE IN COOLER; SEE SCOPE OF WORK. SEE DETAIL 1/A6.3.

510 REFER TO STRUCTURAL DRAWINGS FOR CONCRETE FLOOR SLOPES

AROUND FLOOR DRAINS.

511 STEP-UP AT FREEZER THRESHOLD. 512 SANITARY TILE BASE IN RESTROOM.

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04.29.22 Issued for Bid

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SITE NUMBER:

PA/PM:

DRAWN BY.:

JOB NO.:

STORE NUMBER:

BRAND DESIGNER:

01.24.22

DICKSON

456917

2021088.41

JW

END. MED20

MARCH 2021

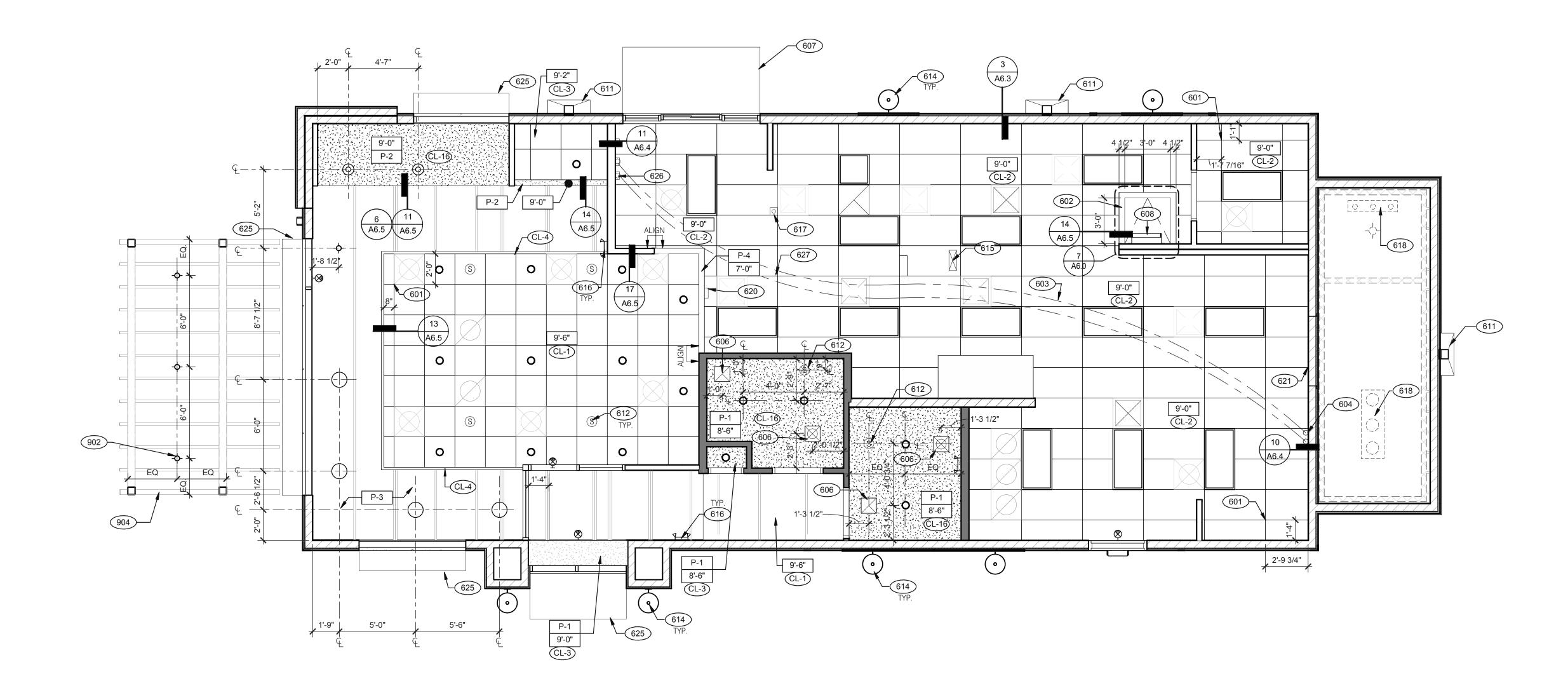
**ENDEAVOR 2.0 FLOOR FINISH PLAN** 

PLOT DATE: 4/28/2022 8:16:20 AM

C **FLOOR FINISH NOTES NOT USED** D

**KEY NOTES** 







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

CEILING GRID AT STARTING POINT. BULKHEAD @ 8'-0" A.F.F.

NON-INSULATED BUNDLED SYRUP LINES FOR DRINK SYSTEM. SEE SCOPE

6" DIAMETER PVC STUB THROUGH CEILING, SEE DETAIL 10/A6.4.

FOR ROUGH FRAMING OPENINGS SEE AIR DEVICE SCHEDULE (TYP. ALL

RESTROOMS). DRIVE-THRU CANOPY.

608 ROOF HATCH. VERTICAL DOWNSPOUT.

612 SPEAKER. CENTER ON CEILING TILE, UON.

614 EXTERIOR WALL LIGHT FIXTURES, SEE ELEVATIONS AND ELECTRICAL

615 UTILITY CHASE BY 3RD PARTY VENDOR TO CEILING. EMERGENCY DUAL HEAD FIXTURE. SEE ELECTRICAL DRAWINGS.

SECURITY STROBE LIGHT, REFER TO ELECTRICAL DRAWINGS.

618 FAN COIL FOR WALK-IN.

ALERT LIGHT BOX FOR 3-COMP POWER SOAK MOUNTED AT CENTERLINE OF BOX 7'-11" A.F.F. 30"X30" ACCESS OPENING IN REAR WALL ABOVE CEILING. FINISH WITH GYP.

625 AWNING, SEE SCOPE OF WORK. STAINLESS STEEL SYRUP CHASE ON WALL. SEE DETAIL 11/A6.4.

WATER INLET CHASE FOR CHEESE MELTER SCREWED TO HEATED AIR

C

EXTERIOR LIGHTS, REFER TO ELECTRICAL LIGHTING PLANS.	

PATIO CANOPY, PROVIDED AND INSTALLED BY G.C. SEE SHEET A9.0 FOR

5964 West Modglin Dr.

TACO BELL

04.29.22 Issued for Bid

01.24.22

END. MED20

MARCH 2021

DICKSON

315289

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2021088.41

CONTRACT DATE:

PA/PM:

DRAWN BY.:

JOB NO.:

Greenfield, IN 46140



**ENDEAVOR 2.0** REFLECTED **CEILING PLAN** 

PLOT DATE: 4/28/2022 8:16:27 AM

1'-0" x 4'-0"

2'-0" x 4'-0"

**FIXTURE** 

LED TROFFER

LED TROFFER

2'-0" x 4'-0" LED LIGHT

DOWNLIGHT @ WALK-IN

(BY WALK-IN MFR.)

PENDANT FIXTURE.

ON CEILING TILE

**EMERGENCY LIGHT** 

DOWNLIGHT - CENTER

EXIT LIGHT

EXIT LIGHT

**FIXTURE** 

(WALL MOUNTED)

(CEILING MOUNTED)

SPEAKER - CENTER

ON CEILING TILE

12" EXHAUST FAN

HVAC RETURN GRILLE

HVAC SUPPLY DIFFUSER

BACK DOOR SECURITY

OCCUPANCY SENSOR. CEILING MOUNTED

STROBE LIGHT

EXTERIOR WALL

**CEILING SYMBOL LEGEND** D REFLECTED CEILING PLAN NOTES

HANGERS WITH RELATED WORK.

**GYPSUM BOARD CEILING:** 

**ELECTRICAL**:

E. SEE SPECS FOR ADDITIONAL INFORMATION.

A. SUBSTRATE SHALL BE 1/2" THICK GYP BD.

A. SEE ELECT. DWGS. FOR FIXTURE SCHED.

**DIMENSIONS:** 

**CEILING FINISHES**:

A. ALL DIMENSIONS ARE TO FACE OF FINISH U.O.N.

A. REFER TO ROOM FINISH SCHEDULE (SHT A7.2) FOR CLG. FINISHES.

CONTACT WITH METAL SUPPORTS AND IN TRUE ALIGNMENT.

B. ALLOWABLE VARIATIONS FROM FLAT AND LEVEL SURFACE: 1/8" IN 10'-0" MAX.

B. ACOUSTICAL SEALANT: APPLY TO GYP. BD. PANELS AS INDICATED IN SPECS.

A. ACOUSTICAL PANEL INSTALLATION: INSTALL ACOUSTICAL PANELS WITH EDGES IN CLOSE

D. INSTALL SYSTEM AFTER MAJOR ABOVE CLG. WORK IS COMPLETE. COORD LOCATIONS OF

GYP. BD. FINISHING AND DECORATING: REFER TO DWGS FOR TEXTURE AND FINISHES.

C. ALLOWABLE VARIATIONS FROM PLUMB OF GRID MEMBERS: AS CAUSED BY ECCENTRIC LOADS,

**KEY NOTES** 

**NOT USED** 

	DATE	REMARKS								
	03.11.22	Issued for Permit								
	04.29.22	Issued for Bid								
CON	CONTRACT DATE: 01.24.22									

BUILDING TYPE: END. MED20 PLAN VERSION: MARCH 2021 BRAND DESIGNER: DICKSON SITE NUMBER: 315289 456917

STORE NUMBER: PA/PM: DRAWN BY.:

JOB NO.: 2021088.41 TACO BELL

JW

5964 West Modglin Dr. Greenfield, IN 46140



**ENDEAVOR 2.0 FINISH SCHEDULE** 

PLOT DATE: 4/28/2022 8:16:30 AM

SYMBOL	MANUFACTURER	STYLE	COLOR	SIZE	GROUT	COMMENTS
EILING	1.00					
CL-1	USG	ACT SYSTEM, USG RADAR, CLIMAPLUS PERFORMANCE, SQ EDGE	#107 TAUPE	2X2	N/A	USG DONN BRAND DX/DXL 15/16 TEE SYSTEM, INTERMEDIATE DUTY #107 TA
CL-2	USG	ACT SYSTEM, USG CLEAN ROOM ACOUSTICAL PANELS, CLIMAPLUS PERFORMANCE, SQ EDGE	#050 WHITE	2x4	N/A	CLASS 100 (ISO 5) PANELS, USG DONN BRAND DX/DXL 15/16 TEE SYSTEM, INTERMEDIATE DUTY #050 WHITE
CL-3	USG	ACT SYSTEM, USG CLEAN ROOM ACOUSTICAL PANELS, CLIMAPLUS PERFORMANCE, SQ EDGE	#050 WHITE	2X2	N/A	CLASS 100 (ISO 5) PANELS, USG DONN BRAND DX/DXL 15/16 TEE SYSTEM, INTERMEDIATE DUTY #050 WHITE
CL-4	USG	USG COMPASSO STANDARD	#002 SILVER SATIN	10"H PROFILE		SEE PLANS AND DETAILS FOR MORE INFO
CL-16	N/A	GYPSUM BOARD	PAINTED PER RCP			
HAIR RAIL						
CR-1	SW	SW7043	WORLDLY GRAY	3 1/2" X 3/4"		SEMI-GLOSS
LOOR BASE B-1	CMC	QUARRY	PURITAN GREY #507	6X6	MAPEI #9 GRAY,	KERAPOXY GROUT IEG CQ
					1/8" JOINT WIDTH	KENAPOXT GNOUT IEG CQ
B-2	CMC	MOTIF GREY	GREY	6X12	MAPEI, #2 PEWTER, 1/8" JOINT WIDTH	
LOORING T-1	CMC	QUARRY	PURITAN GREY #507	6X6	MAPEI #9 GRAY, 1/8" JOINT WIDTH	KERAPOXY GROUT IEG CQ
T-2	CMC	MOTIF GREY	GREY	18X18	MAPEI, #2 PEWTER, 1/8" JOINT WIDTH	
RP/LAMINATE FRP-1	MARLITE	SMOOTH SURFACE	S100 S/2/S WHITE	4' X 9' X .90		COORDINATE ALL TRIM PIECES WITH FRP MFG
1	WILSONART	4783K FINISH 7	WHITE TIGRIS			OFFICE SHELVING LAMINATE
2	WILSONART	Y0664K-12	MOCHA ASH			SOFTGRAIN FINISH, RR/UTILITY DOORS VERTICAL GRADE PRODUCT CODE #362 IS .028" AND HORIZONTAL GRADE PRODUCT CODE #372 IS .039"
ORNER GUARDS						
CG-1	C.S GROUP	ACROVYN VA SERIES	VA-034N #934 PEARL	3/4" X 3/4"		FOR PAINT MATCH P-1
CG-2	C.S GROUP	ACROVYN VA SERIES	VA-034N #262 DRIFTWOOD	3/4" X 3/4"		FOR PAINT MATCH CR-1 & WC-1
ETAL TRANSITION						
MT-1	SCHLUTER	JOLLY	A 100 AT - SATIN NICKEL ANODIZED ALUMINUM	3/8"	N/A	TILE EDGE TRIM DETAIL 17/A6.3
MT-3	SCHLUTER	RONDEC - ALUMINUM		3/8"	N/A	TILE EDGE TRIM DETAIL 17/A6.3
OLID SURFACE	1	·			•	•
SS-1	CORIAN	LAVA ROCK	LAVA ROCK			COUNTERTOPS/24" DIAMETER TABLE TOP
ALL COVERING VC-1	WOLF GORDON	'RAMPART' HIGH IMPACT WALL COVERING	FOUNDATION/ PIGMENT (GOH 12172606)		RAILROAD INSTALLATION: THERE SHOULD BE NO SEAMS	1 ROLL: 80 L.F.
ALL PAINT					ALONG WALLS	
P-1	SHERWIN WILLIAMS	SW7021	SIMPLE WHITE	N/A	N/A	PAINT FINISH:
P-2	SHERWIN WILLIAMS	TB2603C	PURPLE	N/A	N/A	WALLS: EGGSHELL
P-3 P-4	SHERWIN WILLIAMS SHERWIN WILLIAMS	SW7076 SW7005	CYBER SPACE PURE WHITE	N/A N/A	N/A N/A	TRIM/BOH: SEMI-GLOSS (CHAIR RAIL) CEILING: FLAT
						•
/ALL TILE W-1	CMC	FORM	ICE DECO MIX	8X8	MAPEI #47 CHARCOAL,	RESTROOM ACCENT WALL TILE
					1/8" JOINT WIDTH	
W-2	CMC	FORM	ICE	8X8	MAPEI #47 CHARCOAL, 1/8" JOINT WIDTH	RESTROOM WALL TILE
N-3	CMC	SALVAGEWOOD	WHITEWASH	3X36	MAPEI #01 ALABASTER,	RUNNING BOND INSTALLATION OFFSET 25%

FINISH LEGEND

WESTERN STATES METAL ROOFING
JESSICA TRIER
INSIDE SALES REPRESENTATIVE P: (602) 495-0048 D: (602) 422-2696 W: www.metalroofing.com JESSICA@METALDECK.COM

**CORIAN** DAVID GREENING

NA COMMERCIAL SALES FOOD SERVICE/ RETAIL SEGMENT SALES LEADER CORIAN DESIGN (614) 975-6700

DAVID.P.GREENING@DUPONT.COM

JAMES HARDIE MATT PETERSEN CELL: (707)536-6271 MATTHEW.PETERSEN@JAMESHARDIE.COM CREATIVE MATERIALS CORP. ALLISON PICHE

CLIENT SERVICES SUPERVISOR ONE WASHINGTON SQUARE, ALBANY, NY 12205 P: (518) 452-9694 D: (518) 713-5395 APICHE@CREATIVEMATERIALSCORP.COM

SHERWIN WILLIAMS
SUNNY PATEL NATIONAL ACCOUNT EXECUTIVE 2100 W. ORANGEWOOD AVE. SUITE 100 ORANGE, CA 92868 (619) 990-1920

WOLF GORDON JESSICA ROSE (213)999-1141

JESSICA.ROSE@WOLFGORDON.COM

SUNDEEPKUMAR.PATEL@SHERWIN.COM

USG CORPORATION TRAVIS TOMANEK CORPORATE ACCOUNT MANAGER (440) 541-3972 TTOMANEK@USG.COM

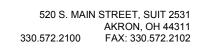
MARLITE DAN EGBERS

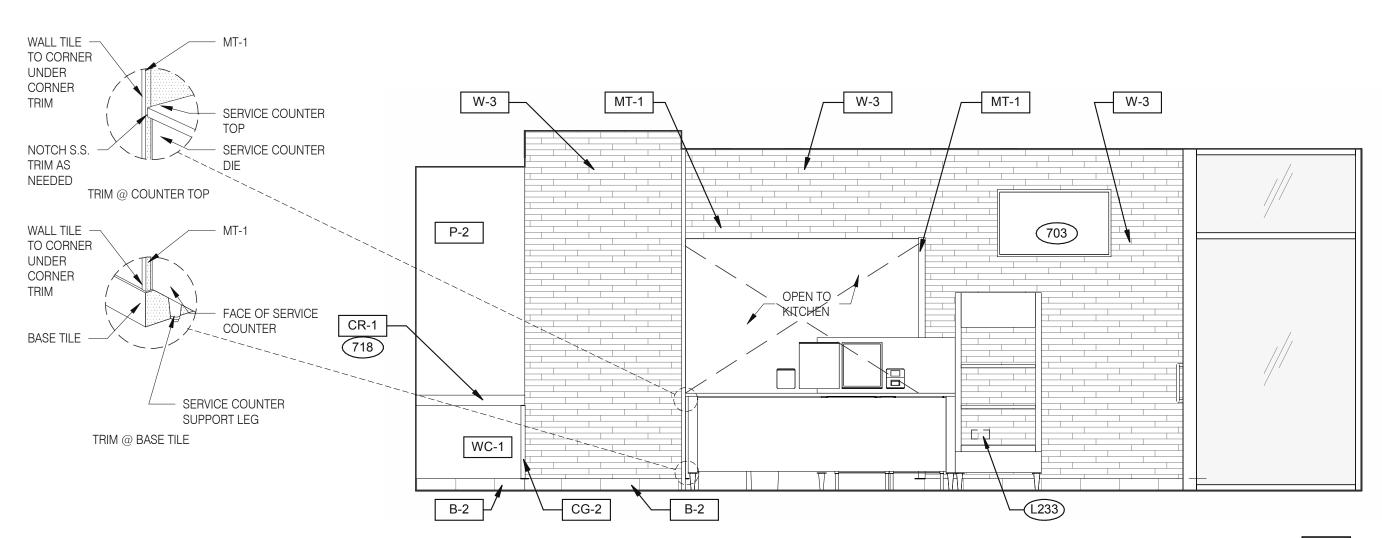
REGION SALES MANAGER -SPECIFICATIONS MARLITE, INC. P: (800) 377-1221 M: (330) 260-7633 1 MARLITE DRIVE, DOVER, OH 44622 www.marlite.com degbers@marlite.com

<u>MAPEI</u> LISA FYKE ARCHITECTURAL REPRESENTATIVE MAPEI CORP. (909) 247-5324 LFYKE@MAPEI.COM

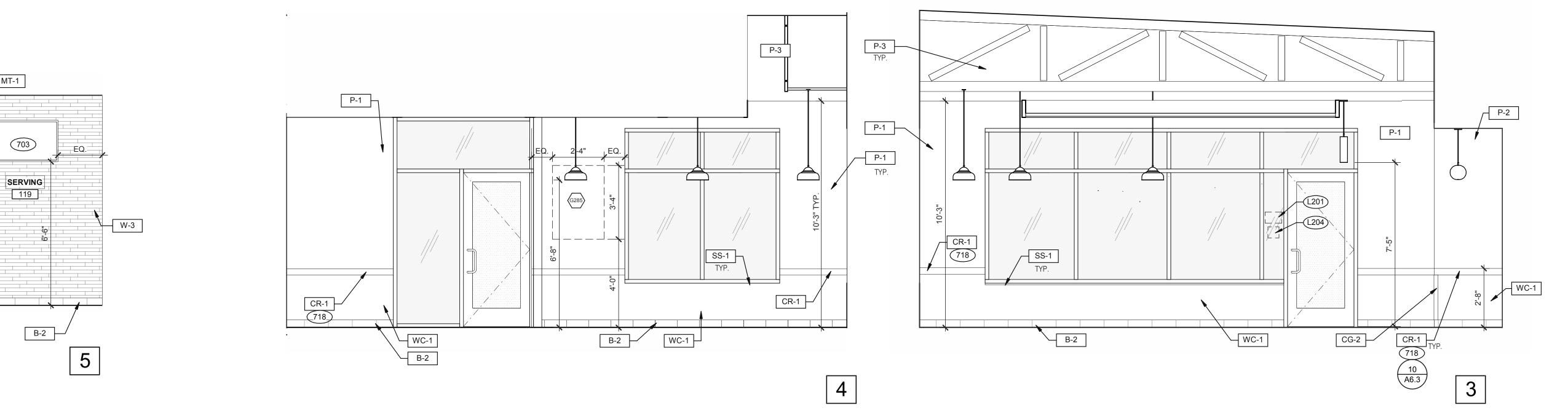
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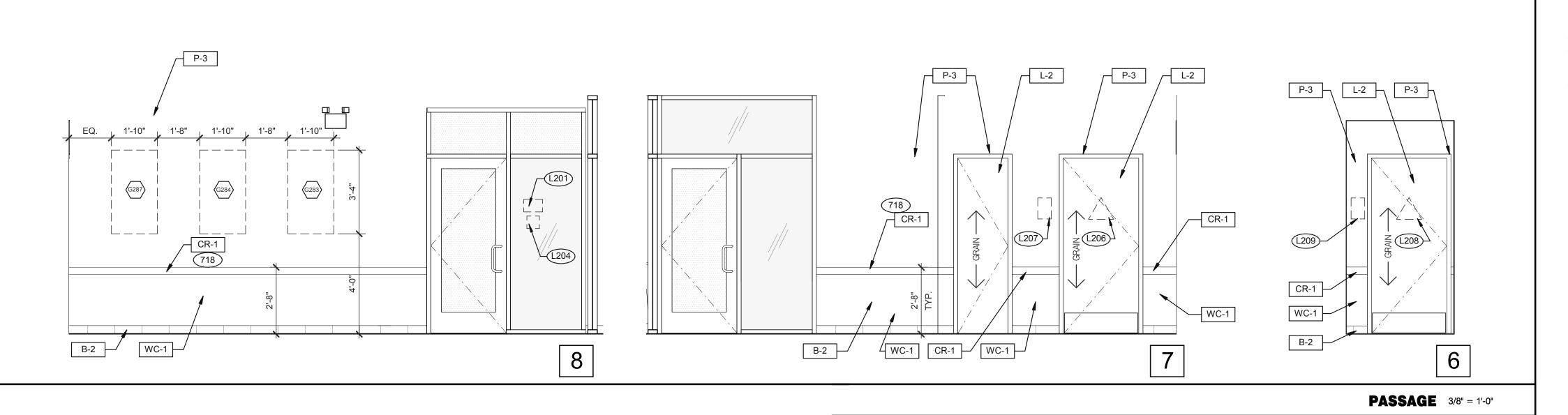




**DINING** 3/8" = 1'-0"



**DINING** 3/8" = 1'-0"



<u>→</u> W-3

2

P-2

SS-1

12'-6 1/2"

718

WC-1

MT-1

P-2

6'-3 1/2"

P-2

WALL TO HAVE MURAL, VERIFY SIZES

\_\OPEN TO /

14 A6.3 715

- 703 LTO MENUBOARD.
- 715 SS CORNER/END WALL CHANNEL GUARD, FULL HEIGHT. SEE DETAIL 14/A6.3 AND
- 718 CHAIR RAIL.
- 754 SS CORNER/END WALL CHANNEL GUARD, FULL HEIGHT.

CON	ITRACT DAT	E:	01.24.22
BUIL	DING TYPE		END. MED20
PLA	N VERSION:		MARCH 2021
DDA	ND DECICN	CD.	DICKCON

04.29.22 Issued for Bid

BRAND DESIGNER: DICKSON SITE NUMBER: STORE NUMBER: PA/PM: DRAWN BY.: JOB NO.: 2021088.41

TACO BELL

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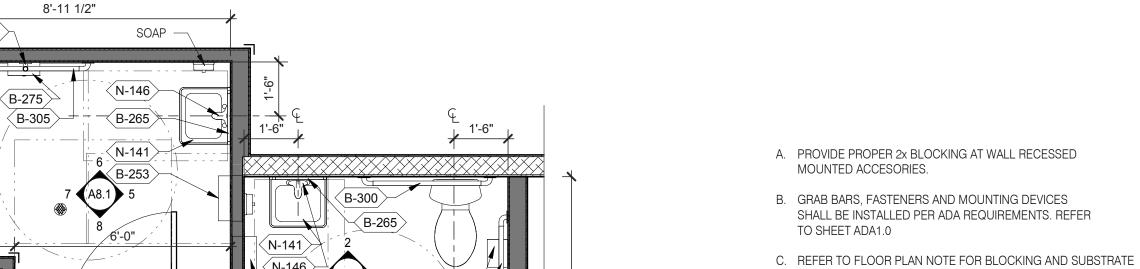


**ENDEAVOR 2.0** INTERIOR **ELEVATIONS DINING ROOM** 

**KEYNOTES** PLOT DATE: 4/28/2022 8:16:41 AM



520 S. MAIN STREET, SUIT 2531 330.572.2100 FAX: 330.572.2102



B-253

WOMEN

7'-4"

 $\langle B-410 \rangle$ 

(B-305)

(B-275) —⟨В-310⟩–

 $\prec$ B-320angle

A. PROVIDE PROPER 2x BLOCKING AT WALL RECESSED MOUNTED ACCESORIES.

B. GRAB BARS, FASTENERS AND MOUNTING DEVICES SHALL BE INSTALLED PER ADA REQUIREMENTS. REFER TO SHEET ADA1.0

D. REFER TO SHEET ADA1.0 FOR MOUNTING HEIGHTS

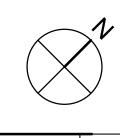
AND CLEARANCES OF ACCESORIES AND FIXTURE. ALL DIMENSIONS THIS DRAWING ARE TO FINISH

SURFACE.

\* ABSOLUTE DIMENSION

DESIGNER NOTE: REFER TO G4.0 & G4.1 FOR SIGNAGE REFER TO SHEET A-2.1 FOR FIXTURE LIST.

ENLARGED RESTOROOM / GENERAL NOTES 3/8" = 1'-0" B



WOMEN'S RESTROOM 3/8" = 1'-0" 1

**⊸** 〈B-320〉

(B-310)

⟨B-300⟩

2'-11 1/2"

2'-0"

CLEAR

W-1

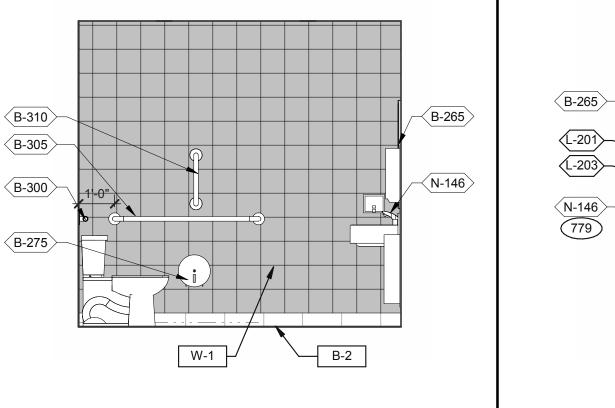
(B-310)

(B-305)

(B-300)

〈B-275〉

(B-410)



**MEN'S RESTROOM** 3/8" = 1'-0" **6** 

∠B-253

B-2

**MEN'S RESTROOM** 3/8" = 1'-0" **5** 

W-2

⟨B-265⟩

(L-201)—

N-146 779

000

**OFFICE ELEVATION** 3/8" = 1'-0" **9** 

(F-050)

<del>-(741)</del>

✓ F-026 > 1

√F-131)

742

745

**OFFICE ELEVATION** 3/8" = 1'-0" **10** 

B-1 |

**OFFICE ELEVATION** 3/8" = 1'-0" **11** 

F-211

F-030

(F-504)

(U-052)

(F-040)

(F-080)

(F-014)

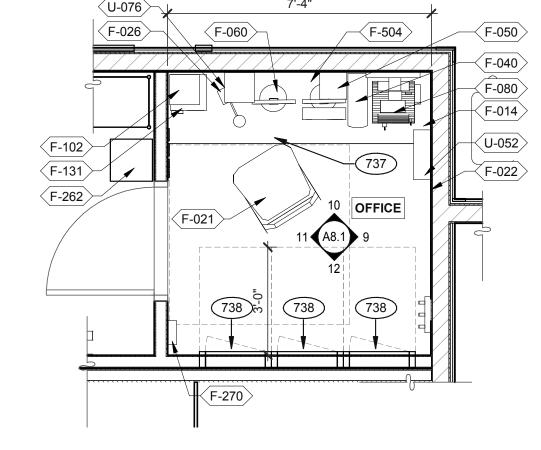
F-080

〈F-014〉

 $\langle$ B-310angle(L-203) 〈B-300〉 〈B-305〉 (B-410) 〈B-275〉

WOMEN'S RESTROOM 3/8" = 1'-0" 2

 $\langle$  F-050 angle〈F-080〉 (F-014) F-102 F-131  $\Braket{\mathsf{F-022}}$ F-262 10 OFFICE  $\langle$  F-021angle738 6 738 738



OFFICE PLAN 3/8" = 1'-0" B

STORE NUMBER: PA/PM: DRAWN BY .:

TACO BELL

04.29.22 Issued for Bid

END. MED20

MARCH 2021

DICKSON

456917

2021088.41

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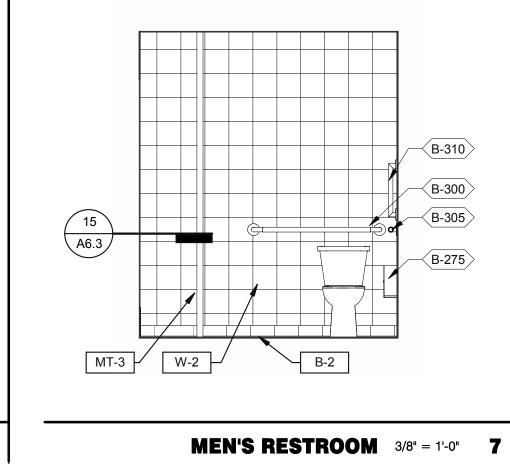
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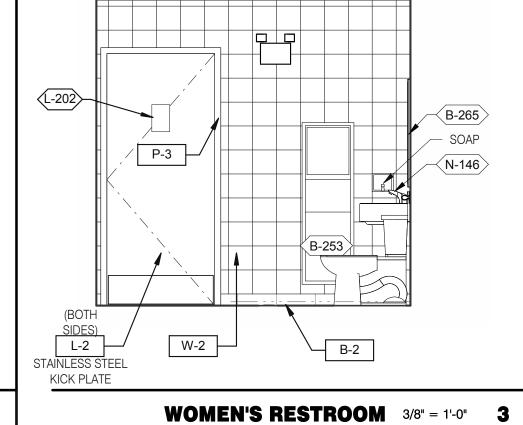


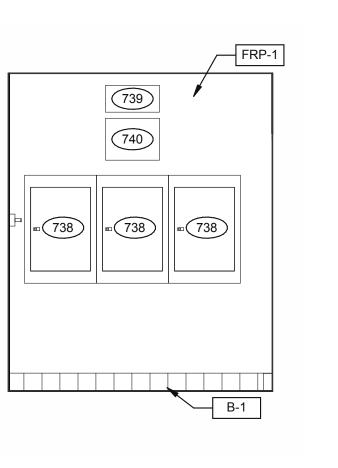
**ENDEAVOR 2.0** 

INTERIOR ELEV. **ENLARGED RESTROOMS & OFFICE PLAN** 

PLOT DATE: 4/28/2022 8:17:03 AM







(741)

(F-504)

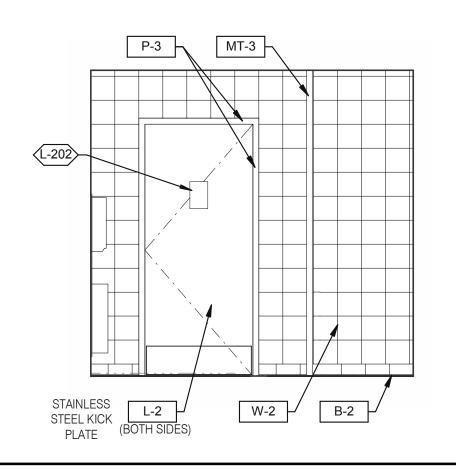
F-040

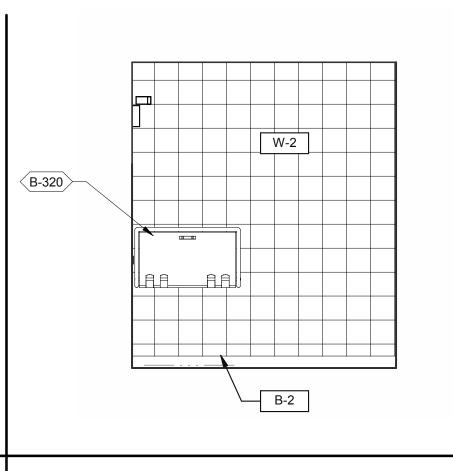
742

(F-014)

(F-090)

734





778 PROVIDE POWER FOR F-050. 779 PROVIDE POWER FOR N-146.

731 THERMOSTATS.

DESK LAMP.

745 DOOR IS OPTIONAL.

ELECTRIC PANELS.

LIGHTING CONTROL RELAY SWITCHES. SEE DETAIL 3/E3.1.

FAN & LIGHT CONTROL BOX; REFER TO SHEET E6.0.

EXTERIOR LIGHTING CONTROL PANEL (GREEN GATE).

SHELF BY GC - FINISH WITH PLASTIC LAMINATED, L-1. COUNTER BY GC - FINISH WITH PLASTIC LAMINATED, L-1.

UNDER COUNTER KEYBOARD TRAY.

DUCT SMOKE DETECTOR RESET SWITCH.

TO PROVIDE BLOCKING WHERE REQUIRED.

TECH-IN-A-BOX (WALL MOUNT RACK ENCLOSURE CABINETS): REFER TO SHEET E3.1. GC

**KEYNOTES** 

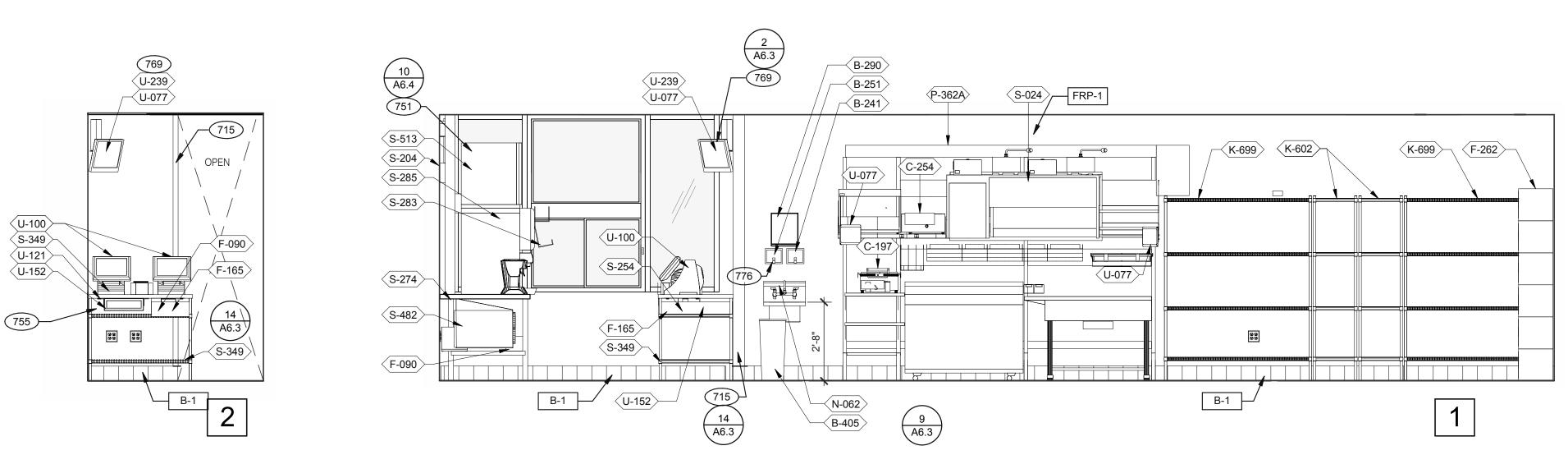
**OFFICE ELEVATION** 3/8" = 1'-0" **12 MEN'S RESTROOM** 3/8" = 1'-0" **8** WOMEN'S RESTROOM 3/8" = 1'-0" 4

DRIVE-THRU AND TB COOK 3/8" = 1'-0"

**KEY NOTES** 



520 S. MAIN STREET, SUIT 2531 AKRON, OH 44311 330.572.2100 FAX: 330.572.2102



**COOK LINE** 3/8" = 1'-0"

LOCATE ELEC. STUB FOR BUNN HERE P-315 FRP-1 FRP-1 K-221 S-600 FRP-1 P-550 N-130 /---FRP-1 P-452 B-381 K-210 B-599 P-4 P-452 ⟨K-602⟩ √S-286 W-059 P-550 759 N-043 B-290 265 715 N-062 (14) (A6.3) B-1 B-405 P-673 B-223 —(B-406) (N-043)— N-698 B-405 N-130 N-071 B-1 B-1 N-698 S-580 B-219 N-208 B-1 N-171 6

**DRIVE-THRU** 3/8" = 1'-0"

11 A6.4 626 S-600

S-513

S-285

S-283 715

S-739

S-287

S-739A

(P-147)

S-274

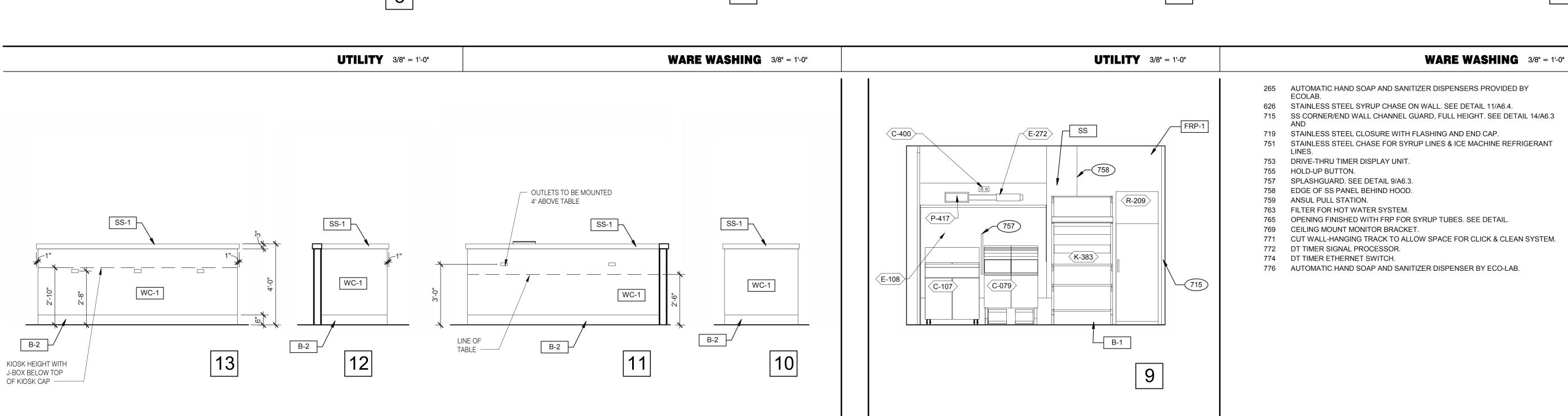
772

B-1

**DRIVE-THRU** 3/8" = 1'-0"

 $\prec$ S-204angle

3



**DINING PANEL ELEVATION** 3/8" = 1'-0"

DATE	REMARKS
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CONTRACT DATE: 01.24.22 BUILDING TYPE: END. MED20 PLAN VERSION: MARCH 2021 BRAND DESIGNER: DICKSON SITE NUMBER: 315289 STORE NUMBER: 456917 PA/PM: DRAWN BY .: JOB NO.: 2021088.41

### TACO BELL

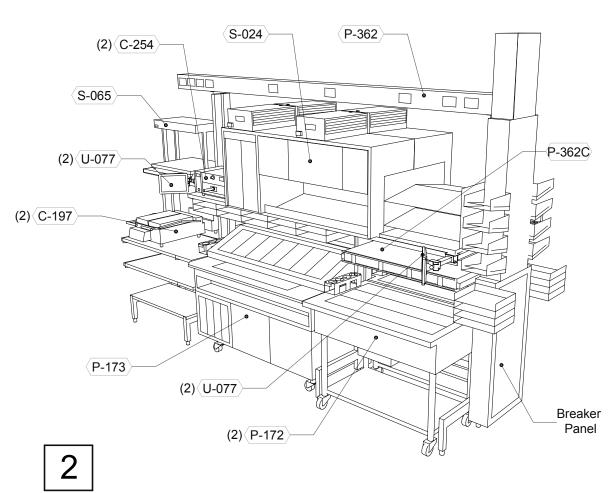
5964 West Modglin Dr. Greenfield, IN 46140



INTERIOR
ELEVATIONS
KITCHEN

**A8.2**PLOT DATE: 4/28/2022 8:17:26 AM

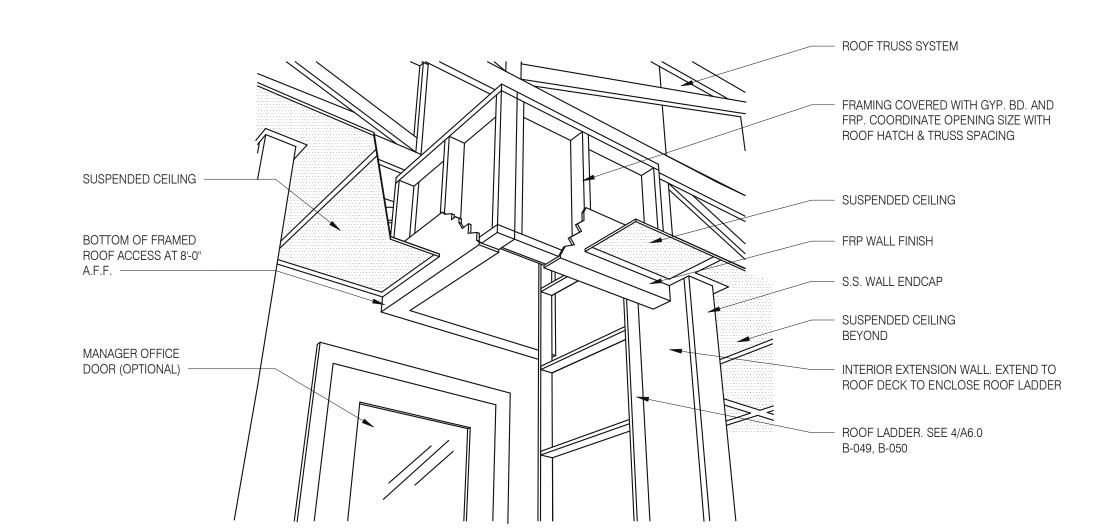




**SERVING** 3/8" = 1'-0"

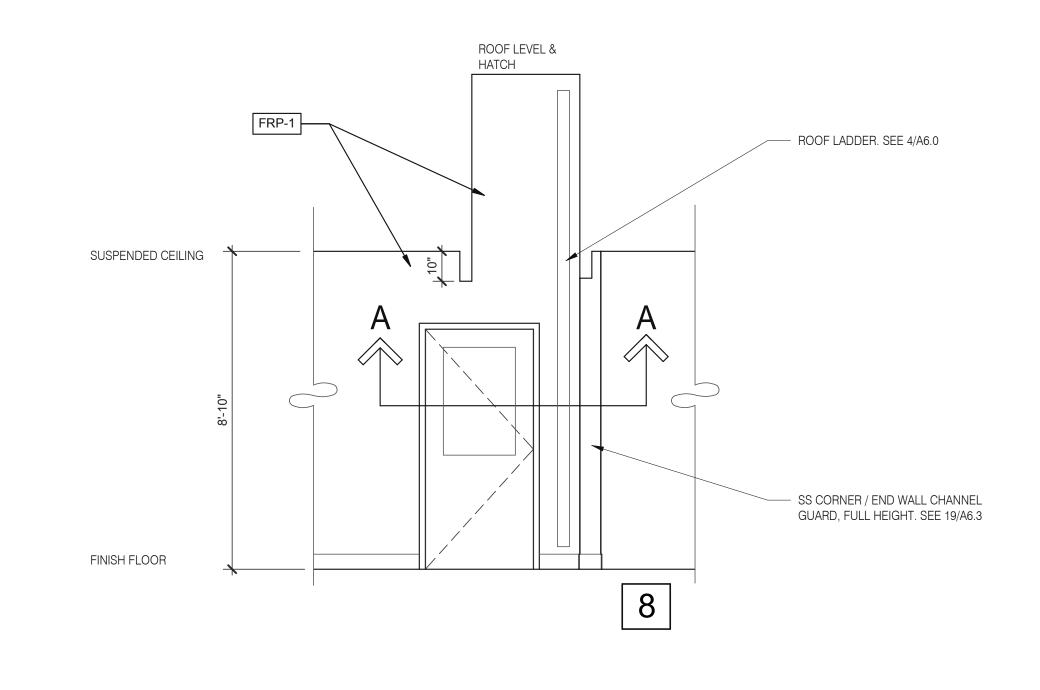
F-174

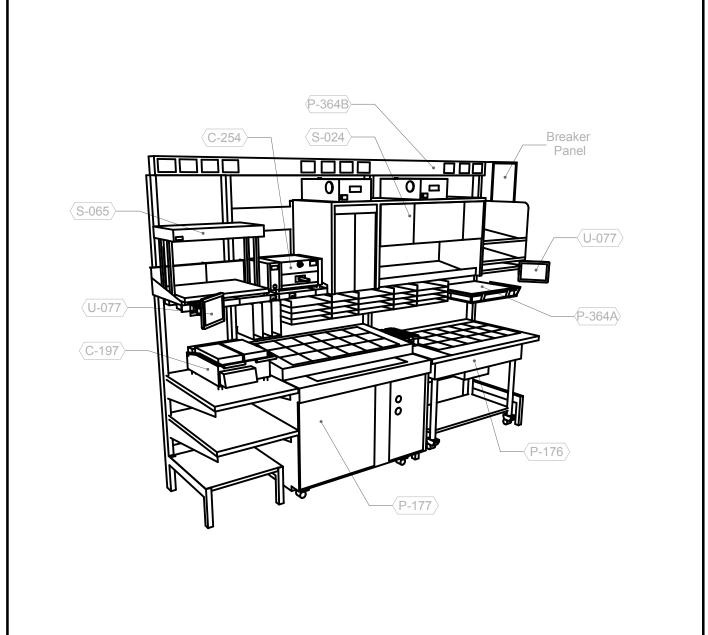
**P-362B FLEX DUAL-LINE** 3/8" = 1'-0"

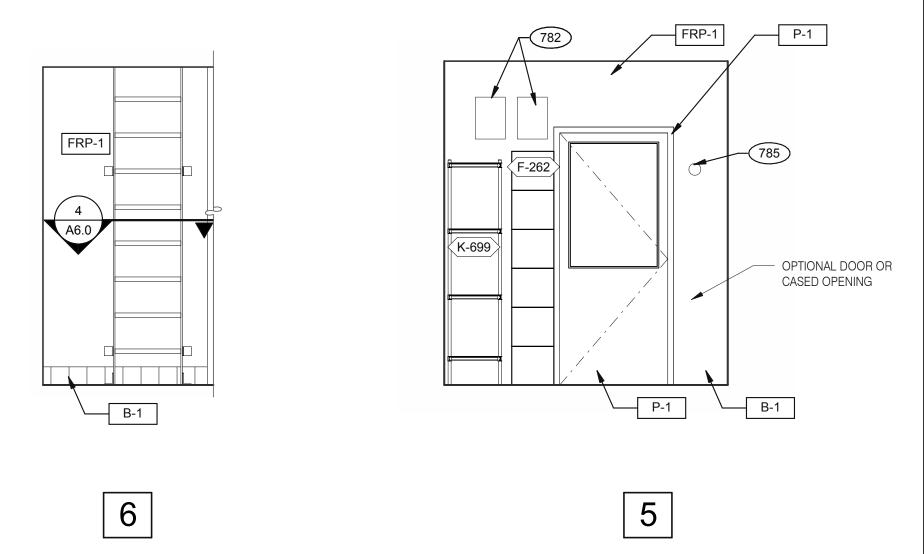


(2) K-490

# A - ROOF LADDER VIEW







P-362A FLEX I-LINE, L-R 7 N.T.S.

Taco Bell Mop Sink Installation (Side wall of mop sink) (Back wall of mop sink) (Side wall of mop sink) Degreaser - White Floor Care: Quarry Tile- Turquoise Xcelerate- Purple All connections should be made per local plumbing codes Glass & Multi-Surface Cleaner - Tan Use clips (# 8730-1891) to secure all tube connections \*\* Kay Chemical Company 8300 Capital Drive 700 Creensboro, No. 27409-9790, USA 8000.529.5458 QSR 44480/8000/1012 ©2012 Kay Chemical Company. All Rights Reserved.

782 FAN MOTOR STAR 785 TEMPERATURE SE

ARTERS, SURFACE MOUNTED. TYP. OF 2.	
SENSOR, SEE MECHANICAL DRAWINGS.	TACO BELL

EMPLOYEE / STORAGE 3/8" = 1'-0"

5964 West Modglin Greenfield, IN 4614



04.29.22 Issued for Bid

MARCH 2021

2021088.41

CONTRACT DATE:

BUILDING TYPE:

PLAN VERSION:

SITE NUMBER:

DRAWN BY.:

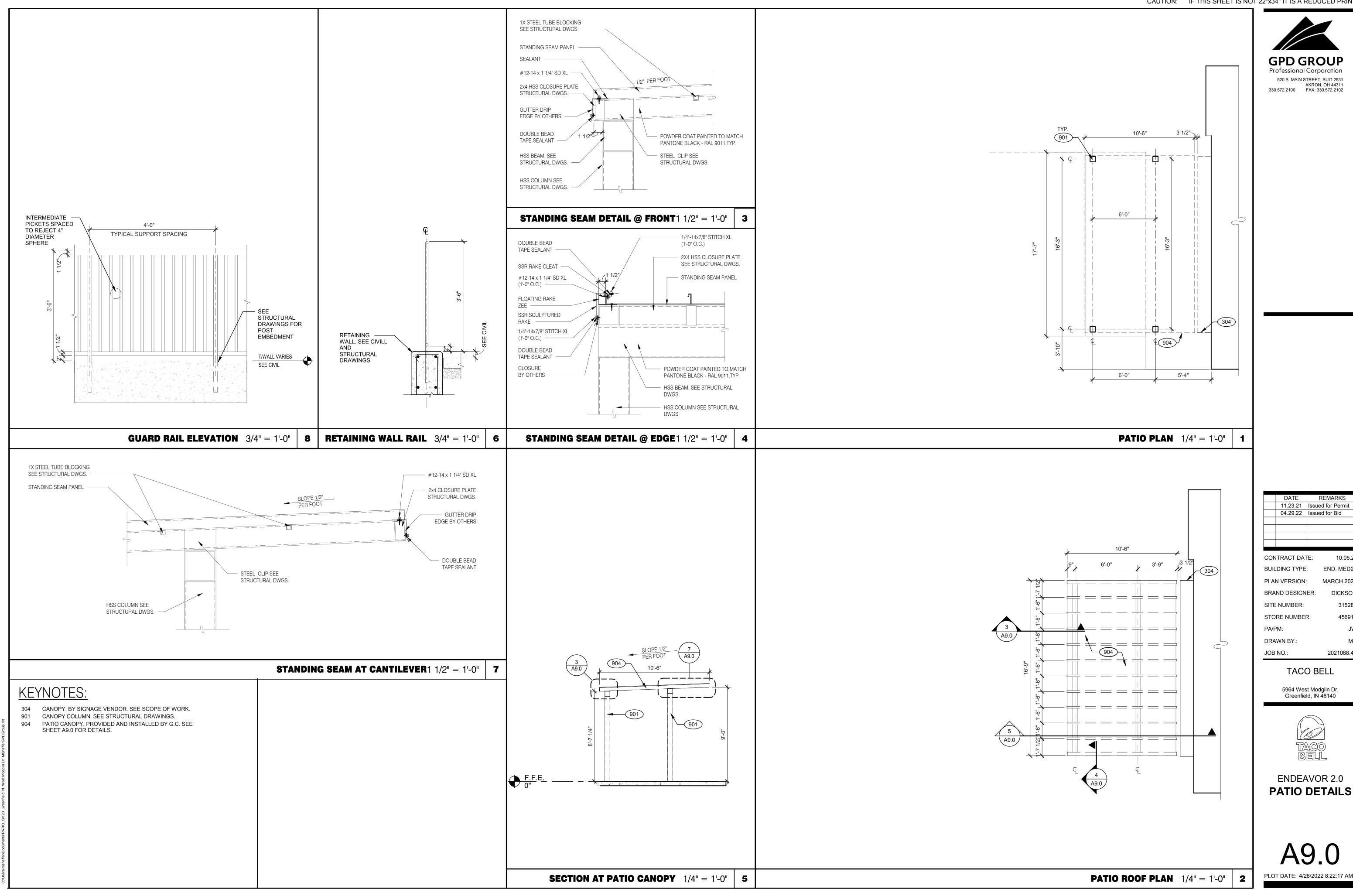
STORE NUMBER:

BRAND DESIGNER:

**ENDEAVOR 2.0 INTERIOR ELEVATIONS KITCHEN** 

A8.3

C

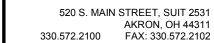


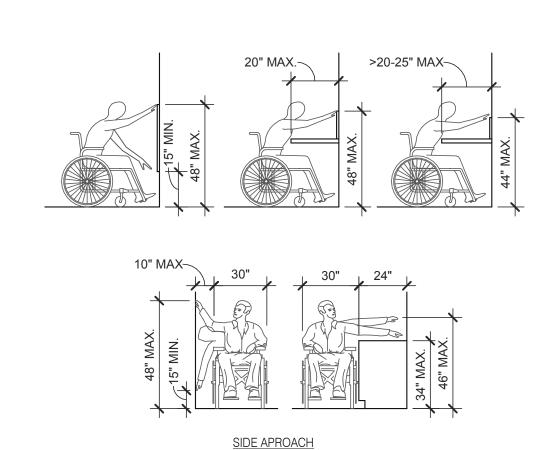
END. MED20

MARCH 2021

2021088.41









ACCESSIBLE SEATS

TOTAL SEATS

1 - 20 1

21 - 40

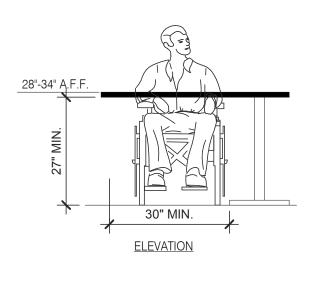
41 - 60

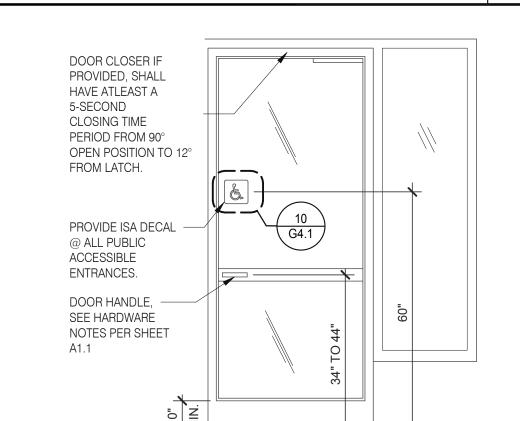
61 - 80

81 - 100

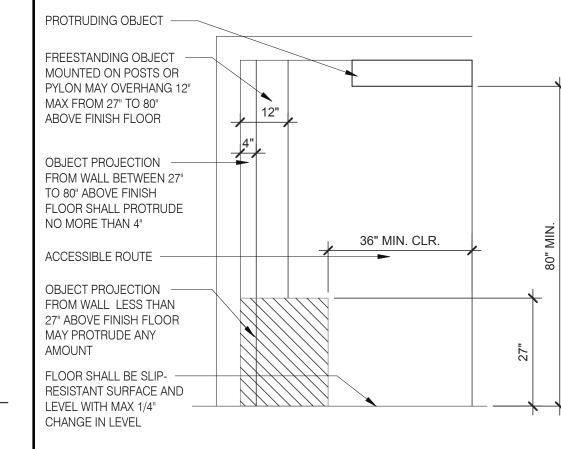
101 - 120

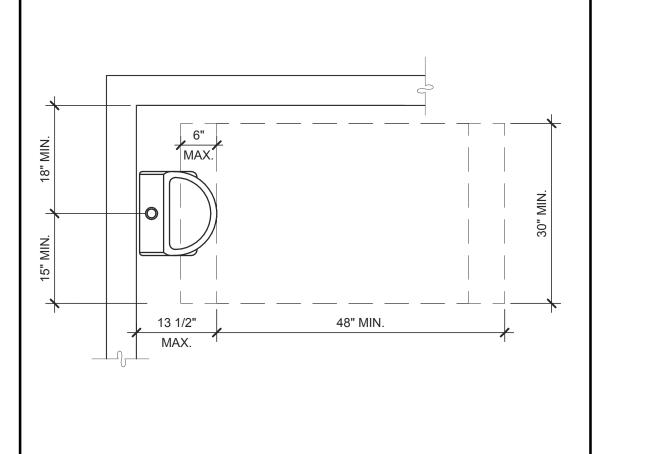
121 - 140

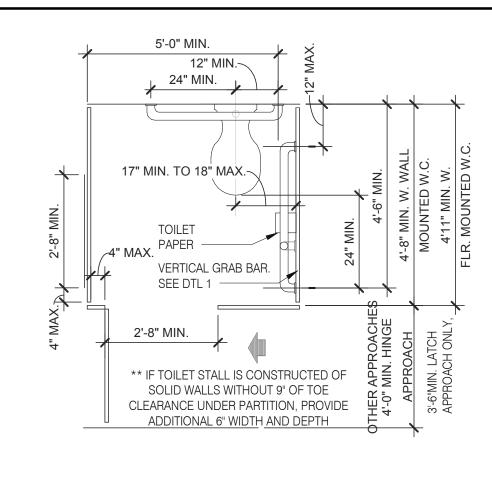




**REACH RANGES** 1/4" = 1'-0" | 13







SEATING AND TABLES 1/2" = 1'-0" 18



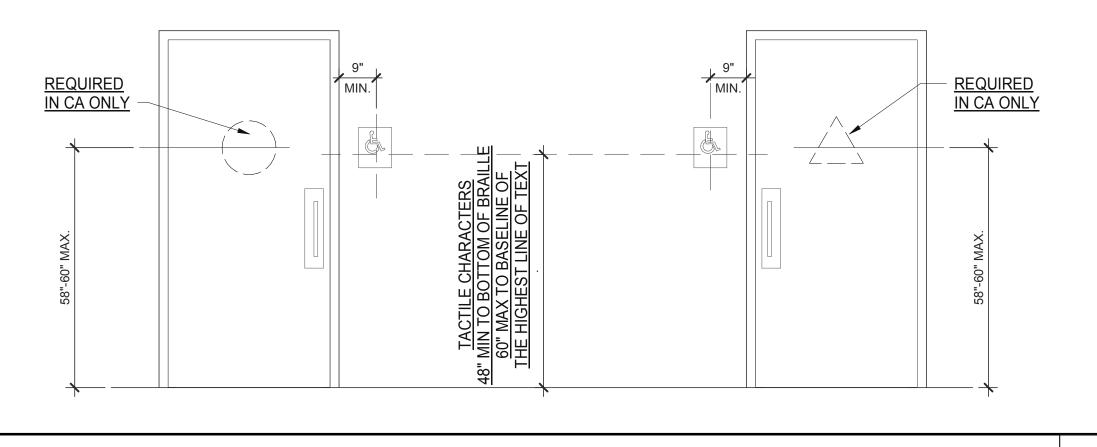
3'-0" DOOR WIDTH

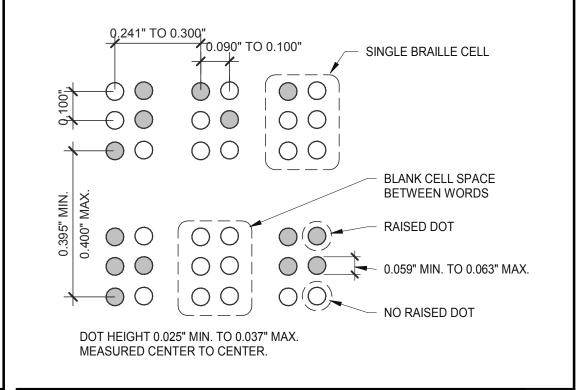


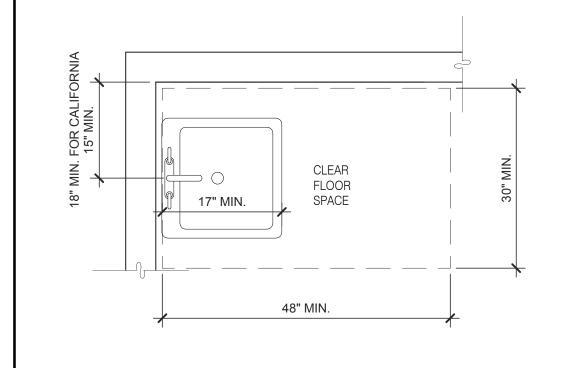
ACCESSIBLE URINAL 3/4" = 1'-0" 6

### **STANDARD TOILET STALL** 1/2" = 1'-0" 2

ACCESSIBLE LAVATORY 3/4" = 1'-0" 3







CONTRACT DATE:	01.24.22
BUILDING TYPE:	END. MED20
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	315289
STORE NUMBER:	456917
PA/PM:	JW

TACO BELL

5964 West Modglin Dr.

Greenfield, IN 46140

**ENDEAVOR 2.0** 

**ACCESSIBILITY** 

**REQUIREMENTS** 

2021088.41

DRAWN BY.

JOB NO.:

04.29.22 Issued for Bid

BOTTOM RAIL (EXTERIOR DOOR) 3" = 1'-0" 20

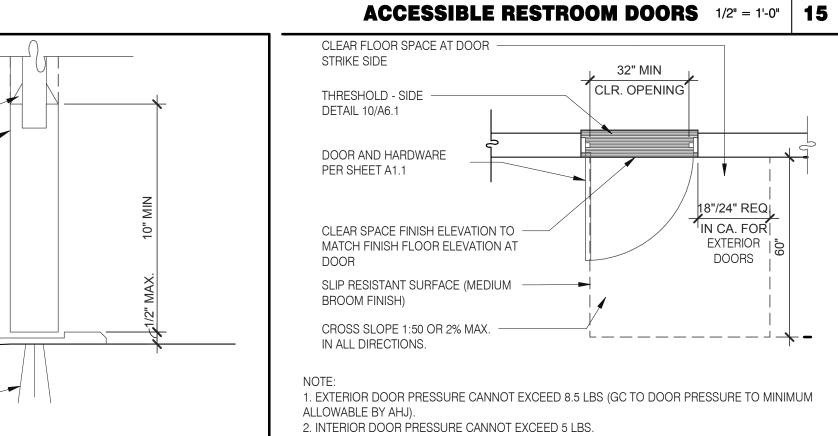
MIN. 60 DEGREE SLOPE

BOTTOM RAIL OF DOOR

ALUMINUM THRESHOLD

#10 S.M. IN PLASTIC

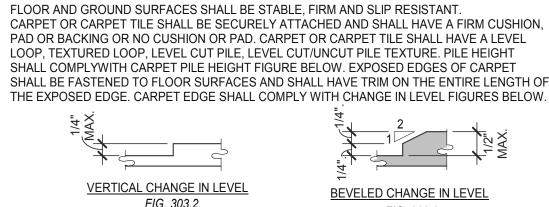
**EXPANSION ANCHOR** 

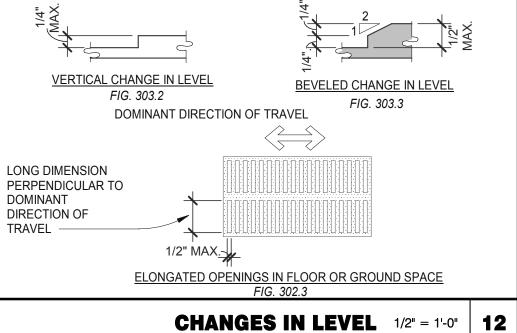


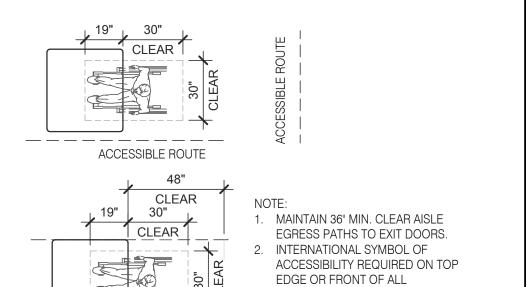
3. 60% OF PUBLIC ENTRANCES MUST BE ACCESSIBLE (100% IN CA)

EXTERIOR DOOR REQUIREMENTS 3/8" = 1'-0" 16

BRAILLE MEASUREMENT 1/4" = 1'-0" 11







DINING SEATING CLEARANCES

ACCESSIBLE TABLES.

THE DETAILS SHOWN ARE CONCEPTUAL ONLY AND INTENDED TO SHOW ABSOLUTE MINIMUMS AND SHALL BE COORDINATED WITH THE OTHER CONSTRUCTION DOCUMENTS ASSOCIATED WITH THIS PROJECT. 2. 60" TURNING SPACE - PERMITTED OVERLAP LIMITED TO 1 ARM OF T-SHAPED SPACE - CAN OVERLAP FIXTURE & DOOR CLEARANCE

N.T.S.

- DOOR CAN SWING INTO TURNING SPACE A MAXIMUM OF 12" RESTROOM, IN GENERAL, DOOR SWING MUST BE OUTSIDE OF THE FIXTURE CLEAR FLOOR SPACE HOWEVER A DOOR CAN SWING INTO FIXTURE CLEAR FLOOR SPACE IF WHEELCHAIR SPACE 30"X48" IS PROVIDED BEYOND THE DOOR SWING.

1. INDICATED DIMENSIONS, HEIGHTS, DEPTHS, AREAS AND OTHER GRAPHIC

MINIMUMS ARE BASED UPON YUM STANDARDS AND MAY EXCEED ADA

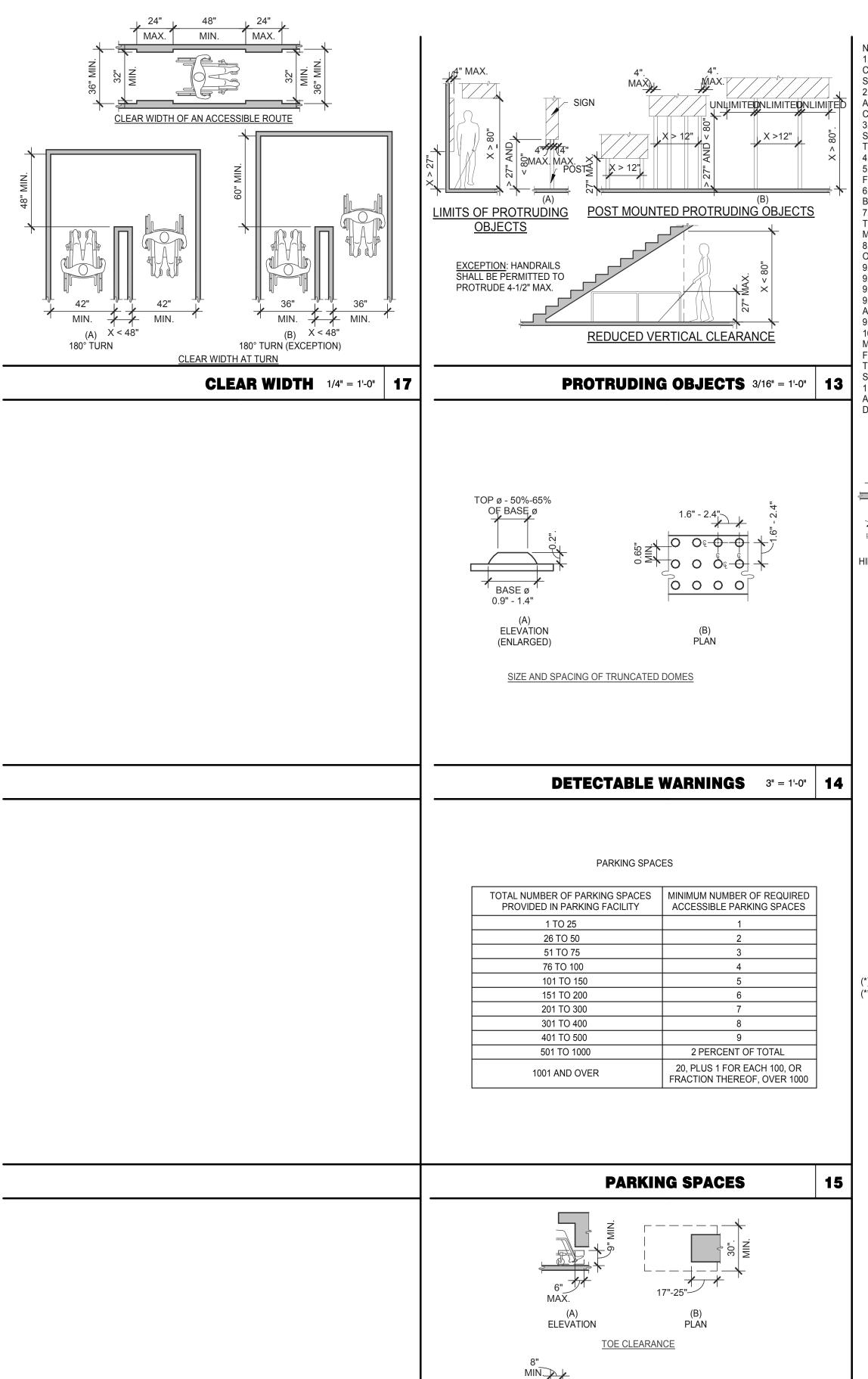
INFORMATION ARE PROVIDED AS MINIMUMS THAT MUST BE MAINTAINED. THESE

4. TOILET ROOM MUST ALLOW FOR SIDE TRANSFER - 42" BETWEEN FIXTURES.

**GENERAL NOTES** 

5. ADAPT TEAM TO VERIFY LOCAL CODE REQUIREMENTS.

ADA1.0 PLOT DATE: 4/28/2022 8:17:38 AM



ELEVATION

PLAN

KNEE AND TOE CLEARANCE 1/4" = 1'-0" | 16

KNEE CLEARANCE

FLOOR OR GROUND SURFACE WITHIN REQUIRED MANEUVERING CLEARANCES SHALL COMPLY WITH [FLOOR OR GROUND SURFACES & CHANGES IN LEVEL] DETAIL AND SHALL HAVE A SLOPE NOT STEEPER THAN 1:48. CHANGES IN LEVEL ARE NOT PERMITTED AT DOOR LANDINGS. THRESHOLDS, IF PROVIDED AT DOORWAYS SHALL BE 1/2" HIGH MAX. RAISED THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY WITH [FLOOR OR GROUND SURFACES & CHANGES IN LEVEL] DETAIL. HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERABLE PARTS ON DOORS AND GATES

SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OR THE WRIST.

THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 LBS (22.5 N) MAX. OPERABLE PARTS OF DOOR HARDWARE SHALL BE 34" MIN. AND 48" MAX. ABOVE THE FINISH FLOOR OR GROUND.

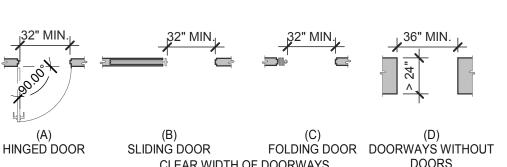
WHERE SLIDING DOORS ARE IN THE FULLY OPEN POSITION, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES.

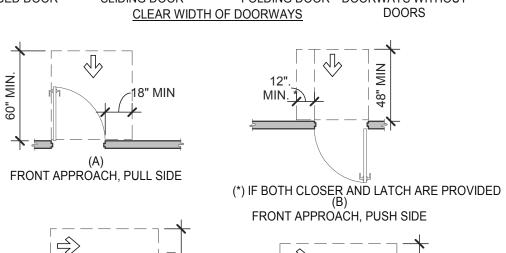
DOOR AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90° THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12° FROM THE LATCH IS 5 SECONDS

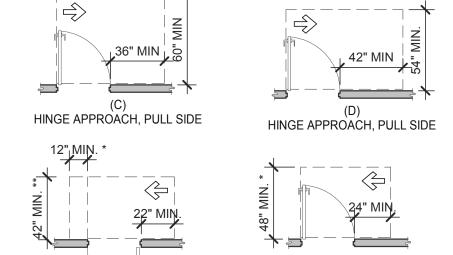
. DOOR AND GATE SPRING HINGES SHALL BE ADJUSTED SO THAT FROM THE OPEN POSITION OF 70° THE DOOR OR GATE SHALL MOVE TO THE CLOSED POSITION IN 1.5 SECONDS MIN. THE FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE SHALL BE AS FOLLOWS: 9.1. INTERIOR HINGED DOORS AND GATES: 5 LBS (22.5 N) MAX.

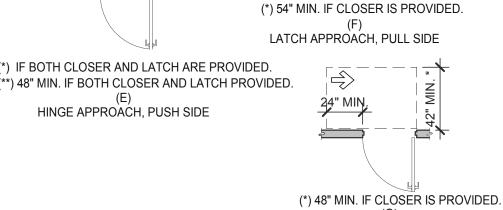
9.2. SLIDING OR FOLDING DOORS: 5 LBS (22.5 N) MAX. 9.3. REQUIRED FIRE DOORS: THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 LBS (66.7N). 9.4. EXTERIOR HINGED DOORS: 5 LBS (22.5 N) MAX.

10. SWINGING DOOR AND GATE SURFACES WITHIN 10" OF THE FINISH FLOOR OR GROUND MEASURED VERTICALLY SHALL HAVE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR OR GATE. PARTS CREATING HORIZONTAL OR VERTICAL JOINTS IN THESE SURFACE SHALL BE WITHIN 1/16" OF THE SAME PLANE AS THE OTHER AND BE FREE OF SHARP OR ABRASIVE EDGES. CAVITIES CREATED BY ADDED KICK PLATES SHALL BE CAPPED. I1. WHERE AUTOMATIC AND POWER-ASSISTED DOORS AND GATES WITHOUT STANDBY POWER ARE PART OF A MEANS OF EGRESS THE CLEAR BREAK OUT OPENING AT SWINGING OR SLIDING DOORS AND GATES SHALL BE 32" MIN. WHEN OPERATED IN EMERGENCY MODE.

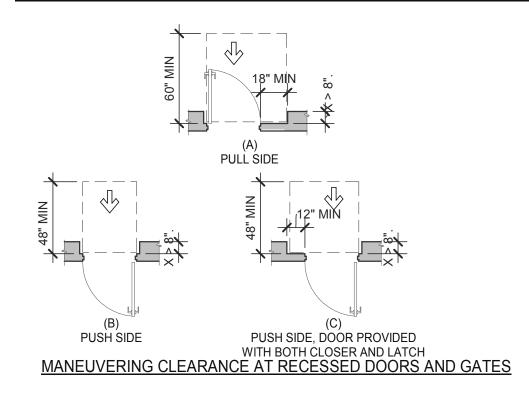








LATCH APPROACH, PUSH SIDE MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS AND GATES



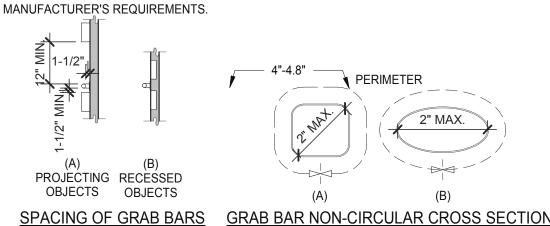
DOORS, DOORWAYS & GATES 3/16" = 1'-0" | 12

<u>CIRCULAR CROSS SECTION.</u> GRAB BARS WITH CIRCULAR CROSS SECTIONS SHALL HAVE AN OUTSIDE DIAMETER OF 1-1/4 INCHES MINIMUM AND 2 INCHES MAXIMUM.

SPACING. THE SPACE BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1-1/2 INCHES. THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS BELOW AND AT THE ENDS SHALL BE 1-1/2 INCHES MINIMUM. THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS ABOVE SHALL BE 12 INCHES MINIMUM.

POSITION OF GRAB BARS. GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION, 33 INCHES MINIMUM AND 36 INCHES MAXIMUM ABOVE THE FINISH FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE, EXCEPT THAT AT WATER CLOSETS FOR CHILDREN'S USE, GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION 18 INCHES MINIMUM AND 27 INCHES MAXIMUM ABOVE THE FINISH FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE.

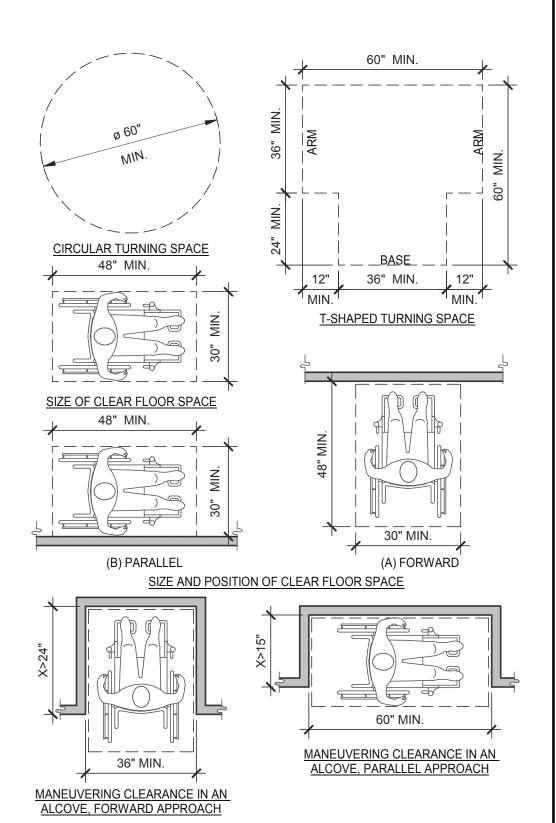
BACKING. PROVIDE MIN. 6 INCHES x 16 GA CONTINUOUS SHEET METAL BACKING ATTACHED TO MIN. 3 STUD BAYS WITH #10 FLAT HEAD SHEET METAL SCREWS. INSTALL GRAB BARS PER



GRAB BARS 3/16" = 1'-0"

TWO DOORS IN SERIES

### DOORS, DOORWAYS & GATES 3/16" = 1'-0" 6



CLEAR FLOOR OR GROUND SPACE 3/8" = 1'-0" 8

# **ACCESSIBILITY NOTES**

- "THE ACCESSIBILITY GUIDELINES AND CODES" MENTIONED BELOW REFER TO ALL APPLICABLE LOCAL/STATE BUILDING CODES REFERENCED ON THE PROJECT DATA SHEET OF THIS SET IN ADDITION TO THE FEDERAL
- REQUIREMENTS OF THE ADA (THE AMERICANS WITH DISABILITIES ACT). 2. DETAILS ON THIS SHEET ARE FOR REFERENCE ONLY, REFER TO THE ACCESSIBILITY GUIDELINES AND CODES FOR ALL ACCESSIBILITY
- 3. THE GENERAL CONTRACTOR SHALL BECOME FAMILIAR WITH THE ACCESSIBILITY GUIDELINES AND CODES.

REQUIREMENTS.

A117.1-2017

TOILET COMPARTMENT DOORS

SHALL BE SELF-CLOSING.

A DOOR PULL SHALL BE PLACED ON BOTH SIDES OF THE DOOR NEAR THE LATCH.

MAX.

DOOR SHALL

NOT SWING

AREA OF THE

INTO THE REQUIRED MIN

(A) FRONT PARTITION COMPARTMENT

(B) SIDE WALL OR PARTITION

AMBULATORY ACCESSIBL

TOILET COMPARTMENT

WHEELCHAIR ACCESSIBLE TOILET
COMPARTMENT DOOR OPENINGS

(B)

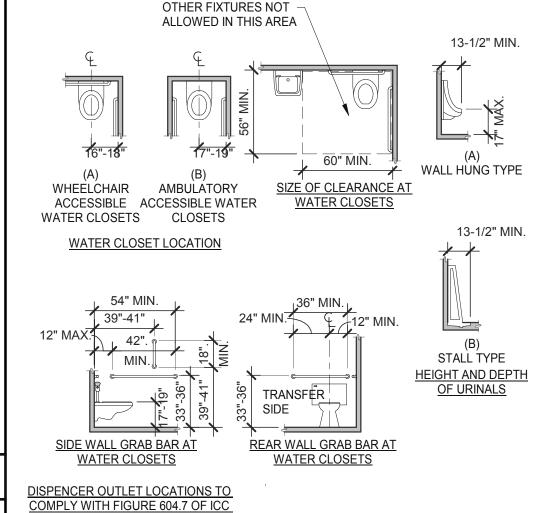
ELEVATION CHILDREN

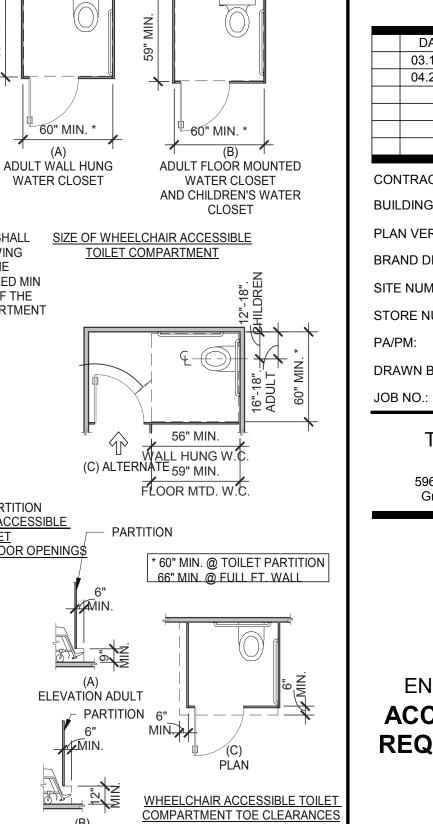
4. ANY DISCREPANCY CONTAINED HEREIN DOES NOT RELIEVE THE GENERAL CONTRACTOR OR OWNER FROM COMPLYING WITH THE ACCESSIBILITY GUIDELINES AND CODES.



520 S. MAIN STREET, SUIT 2531

330.572.2100 FAX: 330.572.2102







04.29.22 Issued for Bid

**TACO BELL** 

2021088.41

5964 West Modglin Dr. Greenfield, IN 46140



**ENDEAVOR 2.0 ACCESSIBILITY REQUIREMENTS** 

PLOT DATE: 4/28/2022 8:17:44 AM WC AND TOILET COMPARTMENTS 3/16" = 1'-0" 4

### **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
- PROVIDE FRAMING REQUIRED FOR DIFFUSER INSTALLATION IN HARD CEILING.

### **HVAC:**

- INSTALLATION SHALL CONFORM TO MECHANICAL AND ENERGY CODES FOR NEW NONRESIDENTIAL BUILDINGS.
- 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. REFER TO SHEETS E3.0 ELECTRICAL POWER PLAN, SHEET E3.2-ELECTRICAL POWER ROOF PLAN, E6.0 - ELECTRICAL DETAILS - TBCCB, E6.1 - ELECTRICAL DETAILS - TBCCB, E7.0 - ELECTRICAL DETAILS, E7.1 - ELECTRICAL DETAILS.
- PROVIDE 24V CONTROL WIRING AND FINAL CONNECTIONS. EQUIPMENT THAT IS SUBSTITUTED SHALL FIT IN SPACE PROVIDED WITH ADEQUATE ROOM FOR SERVICING. INCLUDING SUBSTITUTE EQUIPMENT NAMED IN 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. REFER TO ELECTRICAL DRAWINGS SHEETS E6.1 AND E7.1 FOR ADDITIONAL LOW VOLTAGE WIRING AND CONNECTIONS.
- PROVIDE ALL REFRIGERANT LINES FROM ICE MACHINE TO CONDENSER ON ROOF AND CHARGE LINES PER EQUIPMENT MANUFACTURER'S RECOMMENDATIONS. HVAC UNITS SHALL BE MOUNTED LEVEL ON ROOF CURBS.
- SUPPLY / RETURN DUCTWORK SHALL BE EXTERNALLY INSULATED. ALL RETURN AND SUPPLY DUCT RISERS SHALL BE LINED (NOT WRAPPED).
- SUPPLY / RETURN DUCTS SHALL BE RIGID (EXCEPT AS NOTED/INDICATED AS RIGID ON THE DUCT PLAN), WITH THE EXCEPTION OF THE LAST 5'-0", WHICH MAY UTILIZE FLEXIBLE DUCT. ALL EXHAUST DUCT SHALL BE RIGID. ROOFTOP UNITS SHALL BE ORDERED WITH FACTORY SUPPLIED AND INSTALLED RETURN SMOKE DETECTORS. WHEN REQUIRED BY MANUFACTURER, SAMPLE TUBE SHALL BE LOCATED PER FIELD INSTALLATION
- INSTRUCTIONS. DETECTOR SHALL DEACTIVATE ROOFTOP UNIT UPON SENSING SMOKE. INCLUDE SUPPLY SMOKE DETECTOR ONLY IF REQUIRED BY LOCAL CODE. 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. PROVIDE TRANSITION AT TERMINATION OF
- TYPE 1 EXHAUST DUCT TO TOP OF FAN BASE. TRANSITION SHALL BE CENTERED AND HAVE MINIMUM OF 1" PER FOOT SLOPE. BRANCH DUCTS FEEDING INDIVIDUAL DIFFUSERS SHALL HAVE DAMPERS AT BRANCH FEEDER. DAMPER SHALL BE MINIMUM 26 GAUGE LOCATED IN DEDICATED SLEEVE WITH AXLE AND LOCKING QUADRANT. DAMPERS
- SHALL NOT BE INSTALLED IN STARTER COLLARS. ALL DAMPER HANDLES SHALL HAVE A FLAG ON THE HANDLE FOR LOCATION PURPOSES. OUTSIDE AIR INTAKES SHALL BE A MINIMUM OF 10'-0" FROM EXHAUST FANS AND VENTS.
- SEE M1.0 AND SCOPE OF WORK FOR DESCRIPTION OF HVAC PACKAGE TO BE PURCHASED THROUGH YUM! BRANDS NATIONAL CONTRACT.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING HVAC TEST & BALANCE REQUIRED FOR LOCAL AUTHORITY HAVING JURISDICTION, CERTIFICATE OF OCCUPANCY, BUILDING FINAL, ETC.
- FINAL HVAC SYSTEM TESTING AND BALANCING, AND COMMISSIONING SHALL BE PERFORMED BY INDEPENDENT AGENT. INDEPENDENT AGENT CONTRACTED DIRECTLY BY THE OWNER IS SCHEDULED AND PAID FOR (FRANCHISEE STORES) BY GENERAL CONTRACTOR (CORPORATE STORES ARE DIRECT BILLED TO TACO BELL)". CONTRACTOR SHALL CERTIFY COMPLETION OF INSTALLATION, START UP AND PRE-COMMISSIONING CHECKLIST SHOWN ON SHEET SW2.0 BEFORE SCHEDULING OWNER'S INDEPENDENT AGENT. A RE-TEST IS MANDATORY FOR A FALSE START (I.E. NO POWER UPON AGENT'S ARRIVAL, EQUIPMENT NOT WIRED, COMPLETED, STARTED, 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 SHALL BE INCURRED BY THE GENERAL CONTRACTOR.

INDEPENDENT AGENTS:

- Air Care Experts TAB@ACE-IAQ.COM
- 949 770-2222
- WIRE ALL SMOKE DETECTORS IN RTU TO ITS RESPECTIVE REMOTE ANNUCIATOR/RESET SWITCH. INSTALL "SYSTEM SENSOR" MODEL RTS2AOS. MOUNT NEXT TO THERMOSTATS @ 48" A.F.F. INSTALL PER MANUFACTURER
- REFERENCE RTU TO TBCCB CONNECTIONS PER E6.1. RTU MANUFACTURER FURNISHED THERMOSTATS SHALL BE CAPABLE OF RECIEVING AN EXTERNAL "OCCUPIED" SIGNAL
- MECHANICAL CONTRACTOR IS RESPONSIBLE FOR LOW VOLTAGE CONNECTIONS.
- REFERENCE RTU TO TBANS CONNECTIONS PER E7.1. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR LOW VOLTAGE CONNECTIONS.
- LOW VOLTAGE CONNECTIONS TO SMOKE DETECTORS, REMOTE ANNUCIATORS AND RESETS, HUMIDISTATS, THERMOSTATS, REMOTE SENSORS, TBCCB AND TBANS REQUIRE VISUAL INSTALLATION VERIFICATION CERTIFICATE. CONTACT CERTIFY@ACE-BCX.COM OR 949 770 2222 FOR CERTIFICATE. SEE SHEET SW2.0 CERTIFICATE

MECH	ANICA	L NOTES	

REFER TO SCOPE OF WORK IN DIV 23

BALANCE & COMMISSIONING

THE GC.

SPECIFICATION FOR HVAC FOR TEST &

BY THE OWNER AND COORDINATED BY

REQUIREMENTS WHICH WILL BE SUPPLIED

				MECHANICAL NOTES	6
SYMBOL & A	ABBREV.	DESCRIPTION	SYMBOL & ABBREV.	DESCRIPTION	
	SA/SUP	SUPPLY AIR (RISE/DROP)	A/C, AC	AIR CONDITIONING	
	RA/RET	RETURN AIR DUCT (RISE/DROP)	A.F.F.	ABOVE FINISHED FLOOR	
	EA/EXH	EXHAUST AIR DUCT (RISE/DROP)	BDD	BACK DRAFT DAMPER	
<b>▲</b>	CD/SR	CEILING DIFFUSER/SUPPLY REGISTER	СВ	CIRCUIT BREAKER	
▼	02/011	(ARROWHEAD REPRESENTS NUMBER OF THROW)	CLG.	CEILING	
	RR/RG	RETURN REGISTER/GRILLE	CONN.	CONNECT/CONNECTION	
	ER/EG	EXHAUST REGISTER/GRILLE	CONT.	CONTINUATION	
	FLEX	FLEXIBLE DUCT (14'-0" MAXIMUM)	CFM	CUBIC FEET PER MINUTE	
	FLEX	ROUND DUCT ELBOW	DISC.	DISCONNECT	
		NOUND DOCT ELBOW	EA	EXHAUST AIR	
		ROUND DUCTWORK	EF	EXHAUST FAN	
		NOUND DOCTWORK	(E)	EXISTING	
	MCD	MANUAL VOLUME DAMPER	GA.	GAGE/GAUGE	
	MCD	DUCT TRANSITION (RECTANGULAR TO ROUND)	GC	GENERAL CONTRACTOR	
		DOCT THANSITION (NECTANGULAN TO NOOND)	HVAC	HEATING, VENTILATING, AND AIR CONDITIONING	
T	T-STAT	PROGRAMMABLE THERMOSTAT, PROVIDED WITH HVAC PACKAGE	MFR.	MANUFACTURER	
(TS)	1-31A1	THERMOSTAT SENSOR (REMOTE), PROVIDED WITH HVAC PACKAGE	MECH.	MECHANICAL	
(H)		HUMIDITY SENSOR (REMOTE), PROVIDED WITH HVAC PACKAGE	OA	OUTSIDE AIR	
SD		SMOKE DETECTOR, PROVIDED WITH HVAC PACKAGE, MOUNTED IN UNIT	OBD	OPPOSED BLADE DAMPER	
D	D	CONDENSATE DRAIN	RA	RETURN AIR	
	DIA.	DIAMETER	SA	SUPPLY AIR	
Ø	DIA.	DIAIVIETEN	S/S	STAINLESS STEEL	
			TYP.	TYPICAL	
(0000 X-X)		MECHANICAL EQUIPMENT DESIGNATION			
R	RESET	SMOKE DETECTOR RESET			

### MECHANICAL SYMBOLS

CAUTION: IF THIS SHEET IS NOT 22"x34" IT IS A REDUCED PRINT

				FAI	N DATA			CO	OLING CAPACI	TY	F	HEATING CA	APACITY		ELE	ECTRICAL	DATA			
									MIN CAP											
		AREA	SUPPLY	MIN. OA				NOMINAL	(MBH)			OUTPUT	HEATING		VOLTS/			WEIGHT		
T	MARK	SERVED	CFM	CFM	ESP	HP	RPM	TONS	TOT/SEN	MIN EER	INPUT (MBH)	(MBH)	STAGES	AFUE %	PH	MCA (A)	MOCP (A)	(LBS.)	MODEL	NOTES
ΕN	RTU-1	DINING	3000	675	0.8	2	979	7.5	94.5/62.4	12.5	180	144	2	80	208/3	42	50	1443	LGH092H4B	1,2,3,4,5,6,7,8,9,10,11,12,13,14
	RTU-2	KITCHEN	4400	1125	1.0	5	1045	12.5	154.0/99.8	12.3	180	144	2	80	208/3	. 71	90	1450	LGH150H4B	1,2,3,4,5,6,7,8,9,10,11,12,13,14
	RTU-2	KITCHEN	4400	1125	1.0	5	1045	12.5	154.0/99.8	12.3	180	144	2	80	208/3	71	90	1450	LGH150H4B	1,2,3,4,5,6,7,8,9,10,11,12,

SCHEDULE NOTES:

- 1. LISTED CAPACITY IS THE UNIT'S NET COOLING CAPACITY AT THE FOLLOWING CONDITIONS: RTU-1 79.2°F DB / 68.2°F WB EAT AND 95°F AMBIENT / RTU-2 79.7°F DB / 68.4°F WB EAT AND 95°F AMBIENT. OUTDOOR DESIGN CONDITION, SUMMER 91°F & 75°F WB, WINTER -3°F. THERMOSTAT SHALL BE PROGRAMMED FOR 73°F IN SUMMER AND 68°F IN WINTER WITH 2°F ADJ. FUNCTION UP OR DOWN. THE UNOCCUPIED TEMP SHALL BE SET TO THE STORE SCHEDULE AND 60°F MINIMUM. SPECIFIED UNITS INCLUDE MINIMUM 2 STAGE COOLING, LOW AMBIENT CONTROL TO 0 DEG. F AND THROUGH THE ROOF CURB GAS AND POWER CONNECTIONS.
- 2. HINGED ACCESS DOORS (FACTORY PROVIDED). 3. 2 INCH MERV 8 FILTER (FACTORY PROVIDED).
- 4. SINGLE ENTHALPY ECONOMIZER/W HOOD (FACTORY PROVIDED).
- 5. HIGH PERF ECONOMIZER (FACTORY PROVIDED). 6. STANDARD STATIC POWER RELIEF/W HOOD (FACTORY PROVIDED)
- 7. UNIT MOUNTED DISCONNECT SWITCH (FACTORY PROVIDED).
- 8. RETURN AIR SMOKE DETECTOR (FACTORY PROVIDED).
- 9. PHASE MONITOR (FACTORY PROVIDED)
- 10. CONSTANT AIR VOLUME (FACTORY PROVIDED).
- 11. 14" ROOF CURB (FIELD INSTALLED). 12. COMFORT SENSE 7500 THERMOSTAT (FIELD INSTALLED).

CFM ESP RPM HP

1050 0.9 1344 1/2

- 13. GFCI (FIELD WIRED, FACTORY INSTALLED).
- 14. PROVIDE HOT GAS REHEAT. HUMIDITY SENSOR TO BE MOUNTED IN THE RETURN AIR AT THE UNIT

VOLTS/PH

120/1

120/1

DRIVE TYPE

DIRECT

DIRECT

### **HVAC UNIT SCHEDULE**

### **REMARKS**:

NOTES

1,3,5,6,7,8,10

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
- FURNISHED BY OWNER WITH HOOD PACKAGE
- FURNISHED WITH DAMPER TRAY.

### **EXHAUST FAN SCHEDULE**

		FACE SIZE OR	(NO.) & AIR							
MARK	NECK SIZE	GRID SIZE	PATTERN	TYPE	MAX FLOW (CFM)	MOUNTING	MATERIAL	MANUFACTURER	MODEL NUMBER	REMARKS
E-1	8"X8"	12"x12"	-	EXHAUST	200	SURFACE	ALUMINUM	METAL-AIRE / TITUS	CC5S-1/50F	FRN SQR TO RND ADAPTER
E-2	8"DIA	24"x24"	-	EXHAUST	300	SURFACE	ALUMINUM	METAL-AIRE / TITUS	CC5-FB-TB/50F-NT	FRN SQR TO RND ADAPTER
R-1	22"X22"	24"x24"	-	RETURN	2000	LAY-IN	ALUMINUM	METAL-AIRE / TITUS	RHE-6/50FF	HINGED/FULLY REMOVABLE
										FACE
S-1	15"X15"	24"x24"	4W	SUPPLY	600	LAY-IN	ALUMINUM	METAL-AIRE / TITUS	5000-6 / TDC-AA-NT	FRN SQR TO RND ADAPTER
S-2	9"X9"	14"x14"	4W	SUPPLY	250	SURFACE	ALUMINUM	METAL-AIRE / TITUS	5000-1 / TDC-AA	FRN SQR TO RND ADAPTER
S-4	22"X22"	24"x24"	4W	SUPPLY	600	LAY-IN	MODULAR	HART & COOLEY	RZMCDST	FRN SQR TO RND ADAPTER
							PLASTIC CORE			
T-1	24"X16"		VERT	RETURN	0	DUCT	ALUMINUM	Titus	350RL	RETURN/TRANSFER AIR GRILLE

MODEL

#SVDU50HFA

#SVDR30HFA

Mark

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

MANUFACTURER

STRATOVENT

STRATOVENT

### AIR DEVICE SCHEDULE

TACO BELL HAS A NATIONAL HVAC AGREEMENT WITH LENNOX NATIONAL ACCOUNTS. FOR QUOTES & TECHNICAL SPECIFICATIONS CONTACT BY EMAIL AT YUM!@LENNOXIND.COM OR 800-367-6285 ACCOUNT MANAGER BRAD SMITH.

LENNOX HAS AGREED TO SUPPLY AN HVAC PACKAGE CONSISTING OF THE ROOF-TOP UNITS, CURBS, THERMOSTATS, TEMPERATURE SENSORS (REMOTE), AND HUMIDITY SENSORS (REMOTE). RTU'S AS SPECIFIED INCLUDE AN UNPOWERED CONVENIENCE OUTLET (SEE ELECTRICAL) AND AN HACR CIRCUIT BREAKER WHICH SERVES AS UNIT DISCONNECT.

FOR HVAC TEST AND BALANCE, GC TO SCHEDULE WITH TACO BELL'S PREFERRED VENDOR PER SCOPE OF WORK WORKSHEETS. 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 NATIONAL DESIGN.

SEE THE SCOPE OF WORK SHEETS FOR ADDITIONAL INFORMATION.

ITEM	OA	RA	SA	EA	PRESSURE
EF-1				-1050	-1050
EF-2				-570	-570
RTU-1	675	2325	3000		+675
RTU-2	1125	3275	4400	-	+1125
TOTAL	1800	5600	7400	-1620	+180

OUTSIDE PERCENTAGE OF TOTAL SUPPLY AIR IS 22.5% FOR RTU-1 AND RTU-2.

ADJUST OUTSIDE AIR INTAKES TO MAINTAIN VALUES AT ALL EVAPORATOR FAN SPEEDS.

**ENDEAVOR 2.0 MECHANICAL SCHEDULES AND NOTES** 

TACO BELL

5964 West Modglin Dr.

Greenfield, IN 46140

1 03/22/22 Revisioin #1 -

**CONTRACT DATE:** BUILDING TYPE:

PLAN VERSION:

SITE NUMBER:

PA/PM:

DRAWN BY.

STORE NUMBER:

**BRAND DESIGNER:** 

04/29/22 Issued for Bid

County and Utility Comments

END. MED20

MARCH 2021

DICKSON

456917

2021088.41

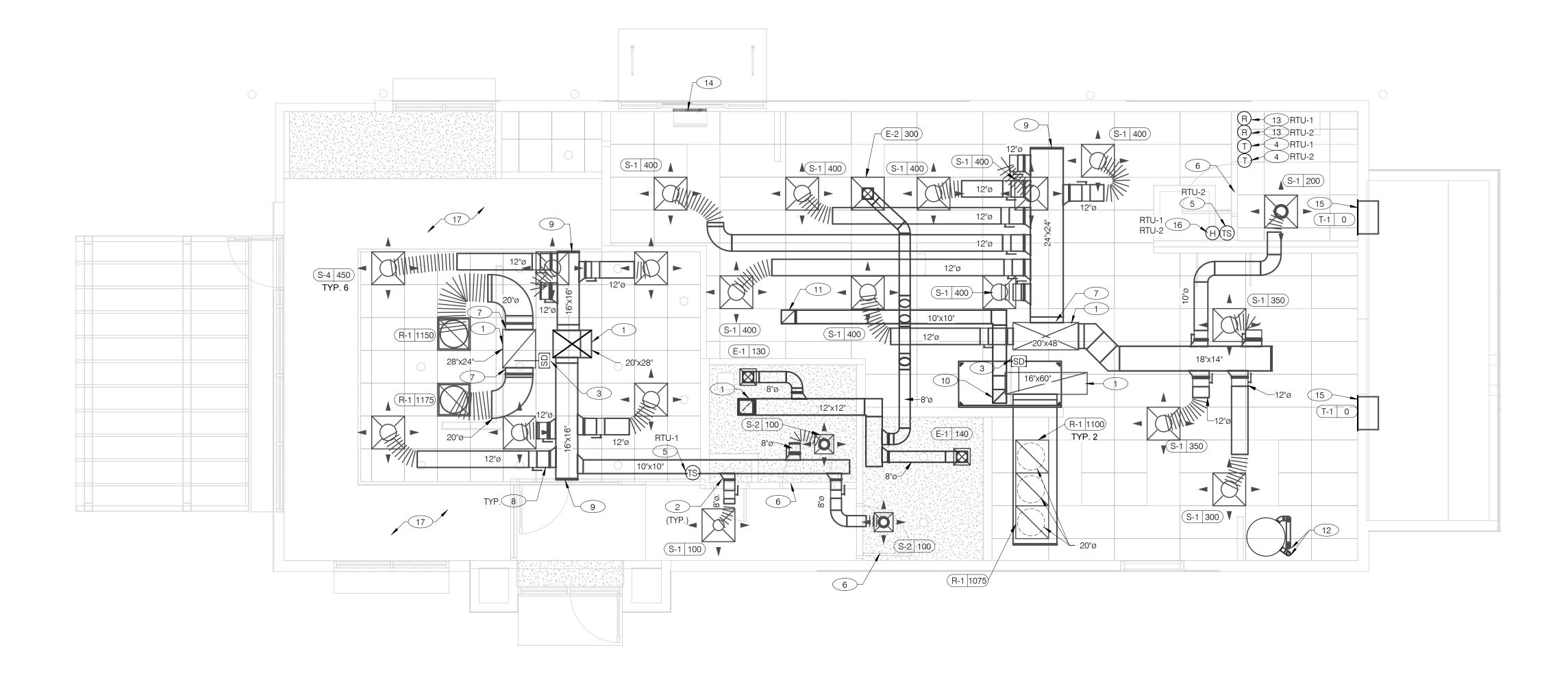
520 S. MAIN STREET, SUIT 2531

330.572.2100 FAX: 330.572.2102

**HVAC NATIONAL ACCOUNT NOTES** 

AIR BALANCE SCHEDULE





COVER ALL HVAC DUCT SYSTEMS OPENINGS TO PROTECT FROM CONSTRUCTION DUST AND DEBRIS UNTIL CONSTRUCTION IS COMPLETE. IF 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"

- N ON
- (13) PROVIDE SMOKE DETECTOR RESET SWITCH WITH KEY. RESET SWITCH SHALL BE "SYSTEM SENSOR" MODEL # RT5151 KEY. MOUNT NEXT TO THERMOSTATS @ 48" A.F.F. - INSTALL PER MANUFACTURER'S REQUIREMENTS.
- CURTAIN ON MULLION DIRECTLY ABOVE SERVICE OPENING DOORS AT DRIVE-THRU WINDOW. AIR CURTAIN SHALL BE BERNER MODEL DTU03-2026A, WITH 120/1/60 POWER CONNECTION. REFER TO MANUFACTURERS INSTALLATION INSTRUCTIONS FOR MORE DETAILS.

(12)	PROVIDE 3" PVC WATER HEATER INTAKE AND FLUE VENT. TERMINATION (ROOF. COORDINATE WORK WITH ALL TRADES.
	DROVIDE ONOVE DETECTOR RECET OMITOU MITH LIFEY DECET OMITOU O

- PROVIDE AIR CURTAIN IN LOCATION AS SHOWN ON PLAN. MOUNT AIR
- 15 TRANSFER AIR GRILLE MOUNTED ABOVE CEILING TO ALLOW TRANSFER AIR TO PREVENT FREEZING ABOVE WALK-IN COOLER/FREEZER. COORDINATE IN FIELD WITH OTHER TRADES TO ENSURE NO OBSTRUCTIONS.
- 16 HUMIDITY SENSOR (REMOTE). MOUNT HUMIDITY SENSORS FOR RTU-1 & RTU-2 AT EYE LEVEL IN KITCHEN. VERIFY EXACT LOCATION.
- 17) NO DUCTWORK SHALL BE EXPOSED IN THE OPEN CEILING AREA.

PA/PM:	
DRAWN BY.:	
JOB NO.:	2021

County and Utility Comments

END. MED20

MARCH 2021

456917

04/29/22 Issued for Bid

CONTRACT DATE:

**BUILDING TYPE:** 

PLAN VERSION:

SITE NUMBER:

A

STORE NUMBER:

BRAND DESIGNER:

TACO BELL

5964 West Modglin Dr. Greenfield, IN 46140



**ENDEAVOR 2.0 DUCT AND DIFFUSER PLAN** 

DINING ROOM LIGHT FIXTURE LOCATIONS ARE CRITICAL. COORDINATE DUCTWORK LOCATIONS WITH LIGHTING AND STRUCTURAL.

THERMOSTATS SHALL BE PROGRAMMABLE THERMOSTAT WITH SUBBASE AND REMOTE TEMPERATURE SENSOR (PROVIDED WITH RTU PACKAGE).

HUMIDITY SENSOR APPLICATION IS VARIABLE PER SITE SPECIFIC CONDITIONS. REFER TO HVAC UNIT SCHEDULE FOR APPLICATION CONDITIONS.

1 AIR DUCT UP TO UNIT.

2 SEE DETAIL 4 ON DRAWING M4.0 FOR SUPPLY AIR TAKE-OFF TO CEILING DIFFUSERS AND GRILLES.

3 FACTORY INSTALLED SMOKE DETECTOR MOUNTED IN ROOFTOP UNIT.

4 LOCATE THERMOSTAT CONTROLS ON WALL IN OFFICE AT 48" A.F.F. COORDINATE LOCATION WITH LIGHT SWITCHES AND OTHER WALL MOUNTED ACCESSORIES. RUN 24 VAC POWER AND SIGNAL CONDUCTORS IN TWO (2) SEPARATE TWO (2) CONDUCTOR CABLES, 18 AWG.

5 MOUNT THERMOSTAT REMOTE SENSOR AT 60" ABOVE FINISHED FLOOR. CONNECT TO THERMOSTAT WITH 18 AWG 2 CONDUCTOR CABLE PER MANUFACTURER INSTALLATION INSTRUCTIONS. ENSURE THAT TEMPERATURE SENSOR IN DINING AREA IS NOT LOCATED ON TILE WALL.

6 UNDERCUT RESTROOM DOORS MINIMUM 3/4" FOR MAKE-UP AIR.

7 PROVIDE SHOE TAP AT CONNECTION TO DUCT DROP FROM ROOFTOP UNIT.

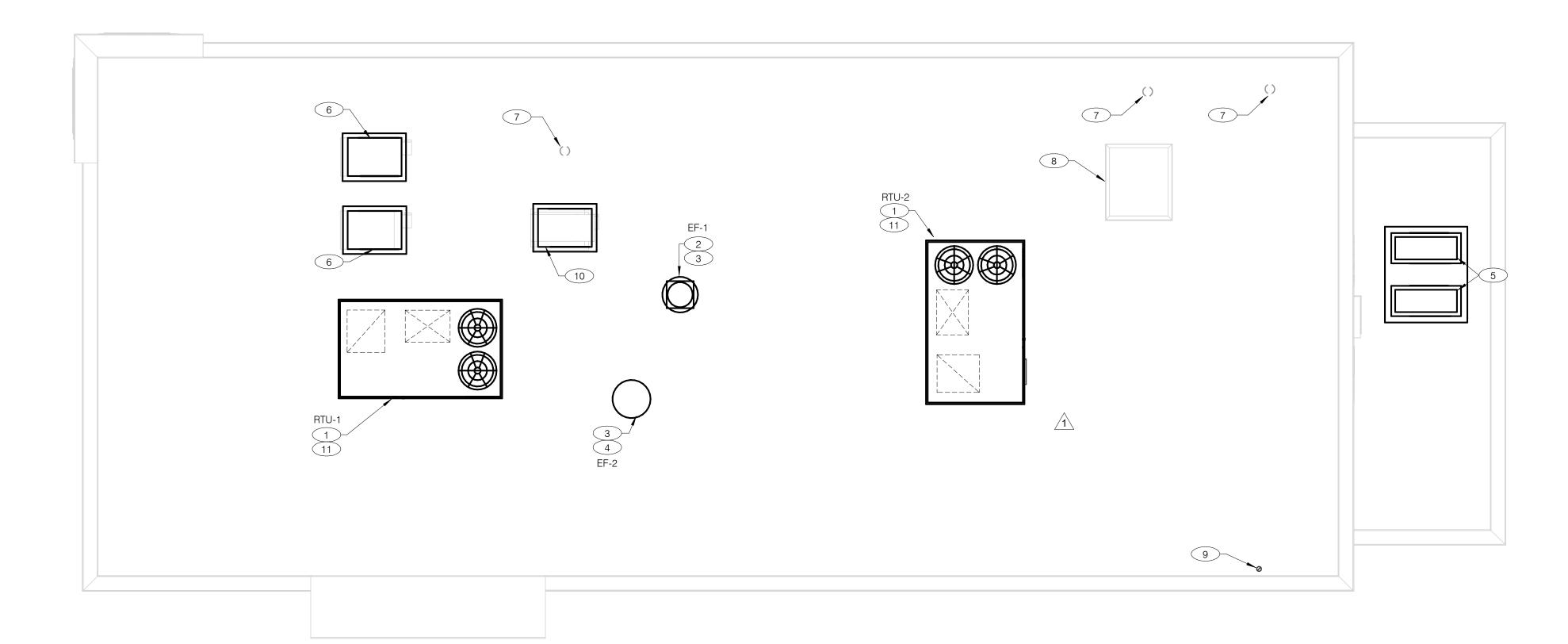
8 RUN DUCT THROUGH OPEN WEBBING OF ROOF TRUSSES (WHERE POSSIBLE). COORDINATE WITH TRUSS DESIGN PRIOR TO DUCTWORK PABRICATION.

9 RUN DUCTWORK BETWEEN TRUSSES AS HIGH AS POSSIBLE UNDER ROOF

10"X10" EXHAUST AIR DUCT DOWN AND TRANSITION TO FIELD CUT EXHAUST CONNECTION AT HOOD.

EXHAUST DUCT SHALL RUN BETWEEN ROOF JOISTS TO CONNECT TO ROOF EXHAUST FAN EF-1. SEE HOOD DETAILS ON DRAWING M3.0. SEE DETAIL 10 ON SHEET M4.0 FOR FIRE PROTECTION OF DUCT WORK. SEE DETAIL 11 ON SHEET M4.0 FOR EXHAUST DUCT TRANSITION.





COVER ALL HVAC DUCT SYSTEMS OPENINGS TO PROTECT FROM CONSTRUCTION DUST AND DEBRIS UNTIL CONSTRUCTION IS COMPLETE. IF 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"

PROVIDE RTU IN LOCATION AS SHOWN ON PLANS. COORDINATE EXACT RTU LOCATION AND DUCT DROPS WITH STRUCTURAL TRUSS LAYOUT. MAINTAIN MINIMUM 10'-0" CLEARANCE BETWEEN OUTSIDE AIR INTAKES AND EXHAUST TERMINATIONS.

PROVIDE TYPE I EXHAUST FAN 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 LAYOUT.

- 3 COORDINATE EXHAUST FAN LOCATION WITH ROOFTOP UNIT. MAINTAIN ROOFTOP UNIT MANUFACTURER'S REQUIRED CLEARANCE AND MINIMUM 10 FT TO ROOFTOP UNIT'S OUTSIDE AIR INTAKE.
- PROVIDE EXHAUST FAN 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.
- 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 PLUMBING VENT. REFERENCE 1/P2.0.
- 8 ROOF HATCH. REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.
- 9 PROVIDE MANUFACTURER'S CONCENTRIC TERMINATION VENT KIT SERVING HOT WATER HEATER BELOW. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS. ENSURE AT LEAST 10'-0" DISTANCE BETWEEN OUTDOOR AIR INTAKES.

- CONDENSING UNIT SERVING FROZEN BEVERAGE MACHINE. COORDINATE EXACT LOCATION WITH ROOF LAYOUT. FIELD VERIFY EXACT REFRIGERANT PIPING. PROVIDE ALL NECESSARY PIPING ACCESSORIES INCLUDING PIPING INSULATION AND INSTALL ON APPROPRIATE EQUIPMENT SUPPORTS.
- ALL UTILITY PIPING FOR RTU'S SHALL RUN UP THROUGH ROOF INSIDE EACH UNIT'S ROOF CURB.

		Com	nments
	04/29/22	Issu	ed for Bid
CON	ITRACT DA	ΓE:	10.05.21
BUIL	DING TYPE	:	END. MED20
PLA	N VERSION	:	MARCH 2021

CONTRACT DATE: 10.05.21
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315289
STORE NUMBER: 456917
PA/PM: JW
DRAWN BY.: AD
JOB NO.: 2021088.41

TACO BELL

5964 West Modglin Dr. Greenfield, IN 46140



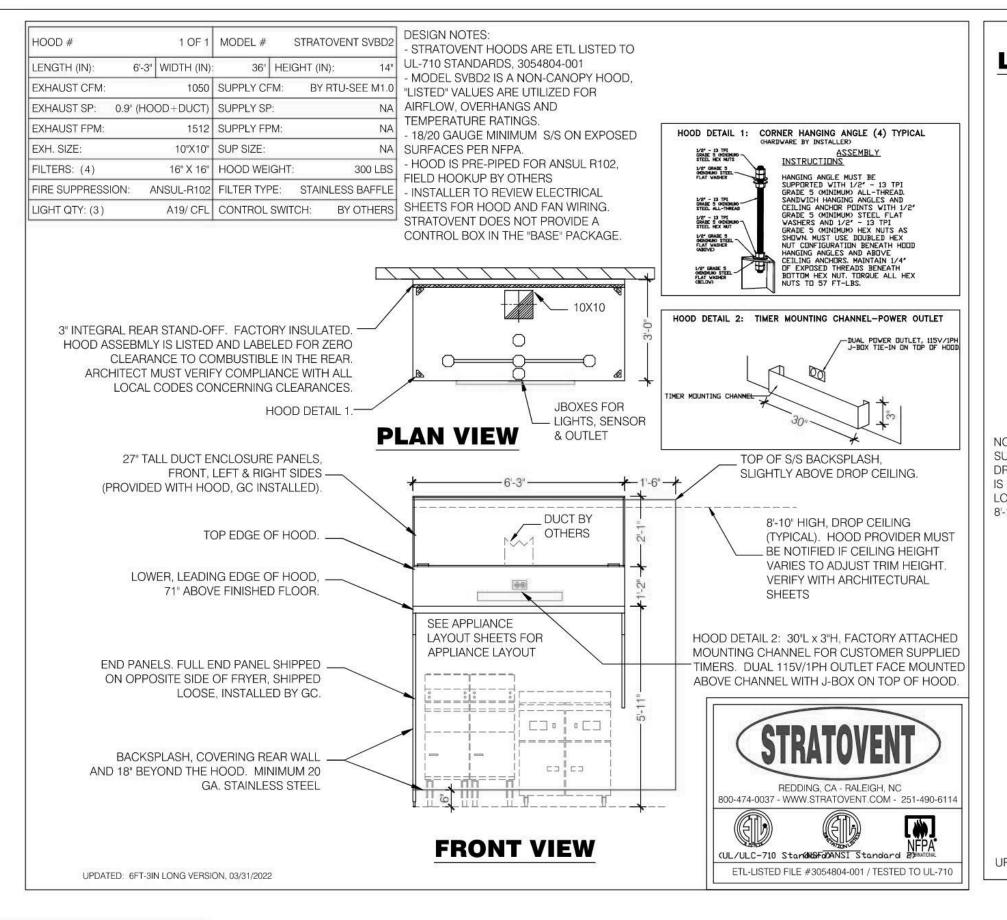
ENDEAVOR 2.0

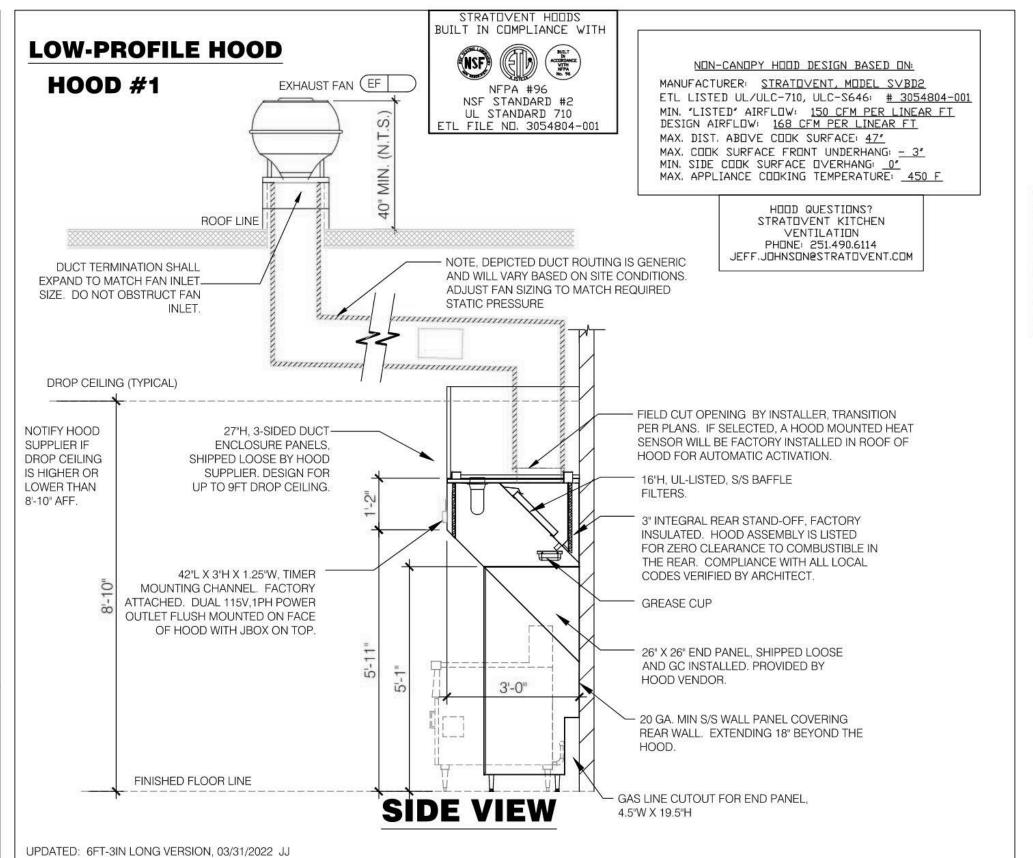
MECHANICAL

ROOF PLAN

M2.1

FOR REFERENCE ONLY



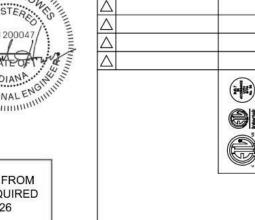


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HOOD (AND ANY CONTROL PANELS) SHALL BE INSTALLED WITH MINIMUM 3 FEET CLEARANCE FROM FACE OF ELECTRICAL CONTROL PANEL AS REQUIRED BY NATIONAL ELECTRICAL CODE SECTION 110-26

BALANCE OF AIR VOLUME EXHAUSTED FROM HOODS THAT IS NOT MADE UP BY MAKEUP AIR DELIVERED THROUGH SUPPLY PLENUMS MUST BE PROVIDED THROUGH RTUS OR OTHER MEANS IN ACCORDANCE WITH IMC 2012 SECTION 508.1



REVISIONS

DESCRIPTION DATE:

DWG.#:

5406474-1

SCALE:

MASTER DRAWING

SHEET NO.

JJ-REG24

COORDINATE FINAL LOCATION OF GREASE RATED EXHAUST FANS AND MAKEUP AIR UNITS IN ACCORDANCE WITH THE REQUIREMENTS OF IMC 2012 SECTION 506.3.13. OUTLETS SHALL TERMINATE NOT LESS THAN 40 INCHES ABOVE ROOF SURFACE. NOT LESS THAN 10 FEET HORIZONTALLY FROM PARTS OF THE SAME OR CONTIGUOUS BUILDINGS, ADJACENT BUILDINGS AND ADJACENT PROPERTY LINES, AND NOT LESS THAN 10 FEET ABOVE THE ADJOINING GRADE LEVEL. OUTLETS SHALL BE LOCATED NOT LESS THAN 10 FEET HORIZONTALLY FROM OR NOT LESS THAN 3 FEET VERTICALLY ABOVE AIR INTAKE OPENINGS INTO ANY BUILDING. EXCEPTION: OUTLETS SHALL TERMINATE NOT LESS THAN 5 FEET HORIZONTALLY FROM

PARTS OF THE SAME OR

BUILDINGS AND ADJACENT

LOCATIONS.

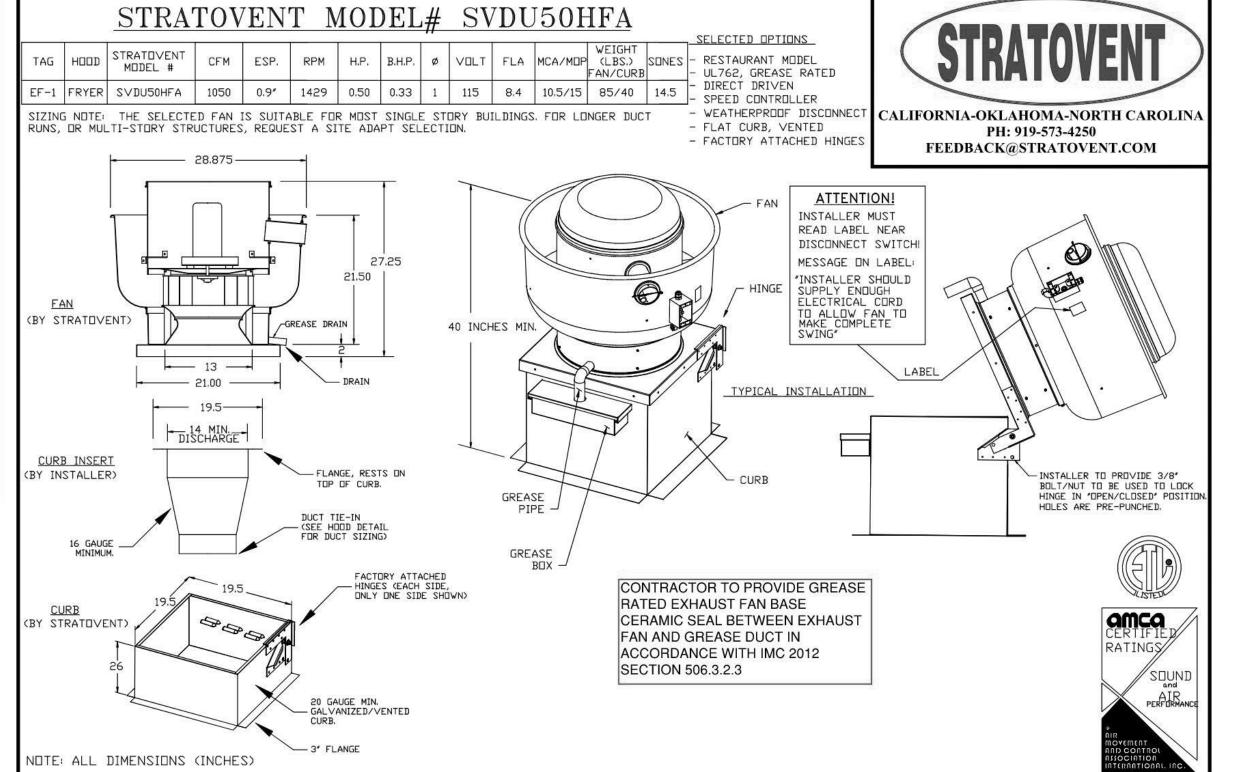
CONTIGUOUS BUILDING, ADJACENT

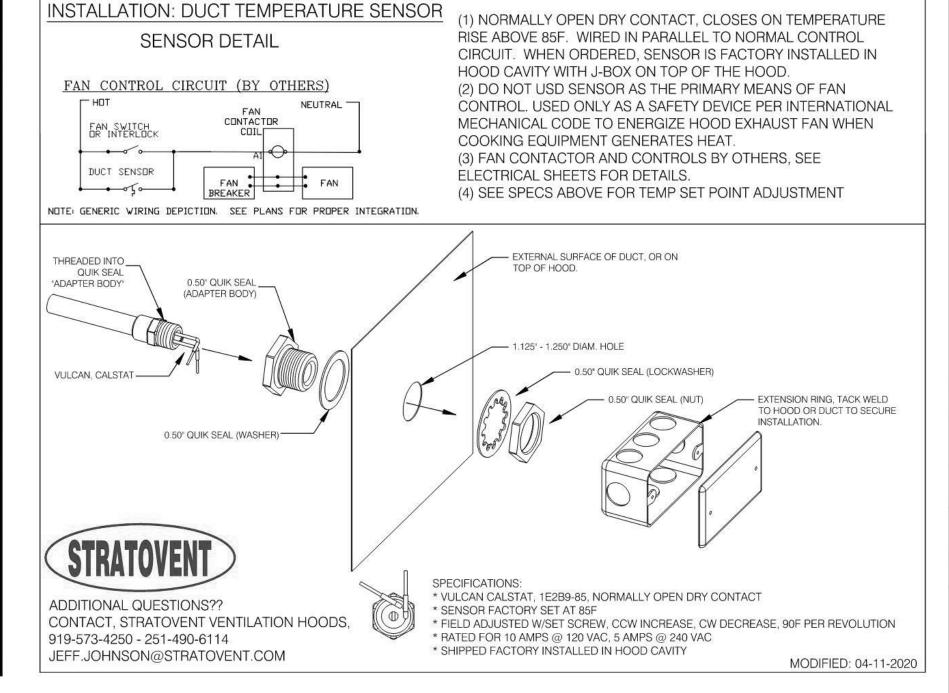
PROPERTY LINES AND AIR INTAKE

OPENINGS INTO A BUILDING WHERE

AIR FROM THE EXHAUST OUTLET IS

DISCHARGED AWAY FROM SUCH





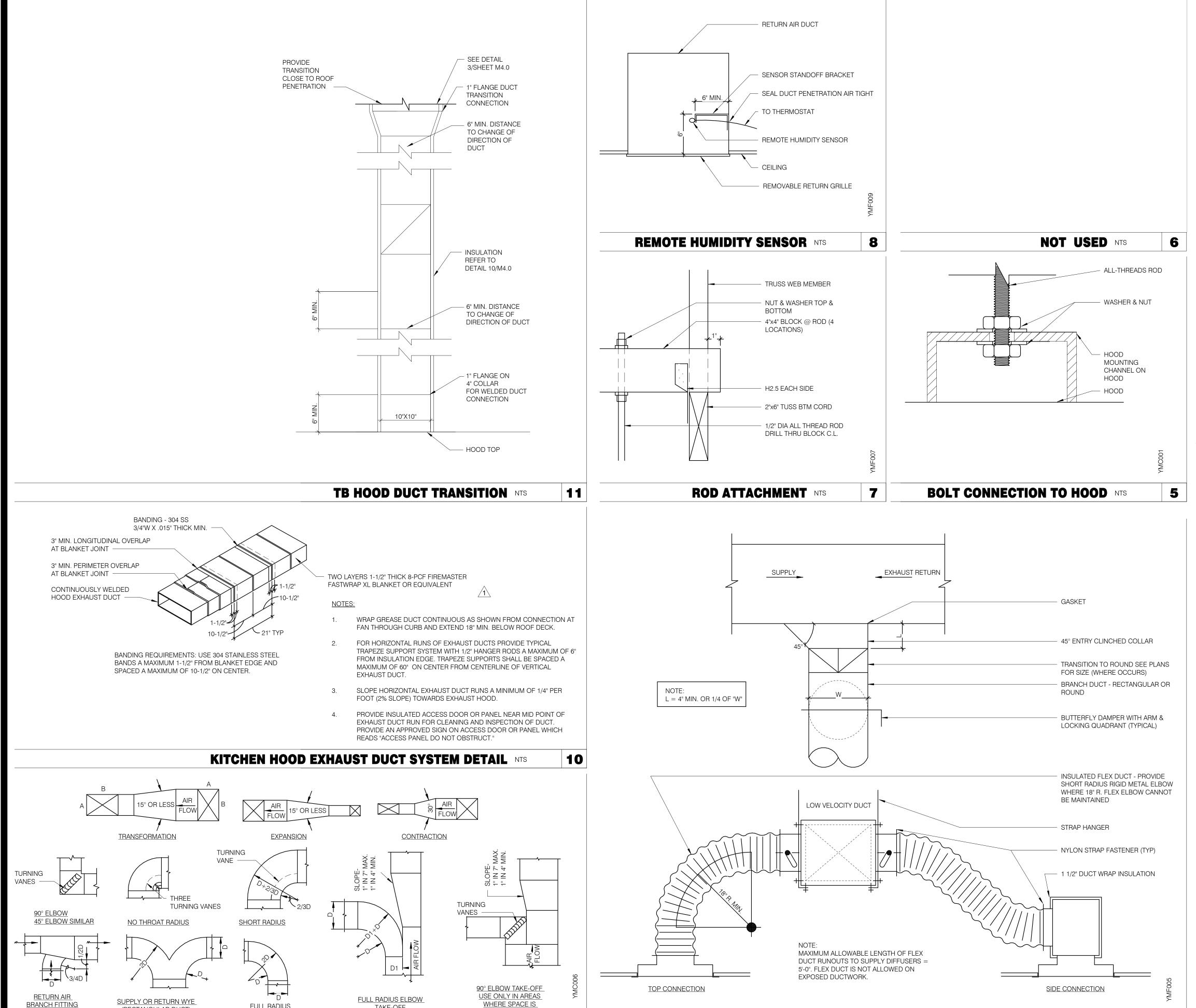
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Ä,				2	04/04/22	Revision #2 - County Comments
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	>_		3	SITI	E NUMBER:	315289
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<u></u> ⊢	5964 WEST	GREENFIEI			TAC	O BELL
DATE: 0	3/31/	2022				st Modglin Dr. eld. IN 46140

Greenfield, IN 46140



ENDEAVOR 1.0 **HOOD DETAILS AND SECTIONS** 

PLOT DATE: 4/28/2022 8:38:13 AM



BRANCH FITTING

(RECTANGULAR DUCT)

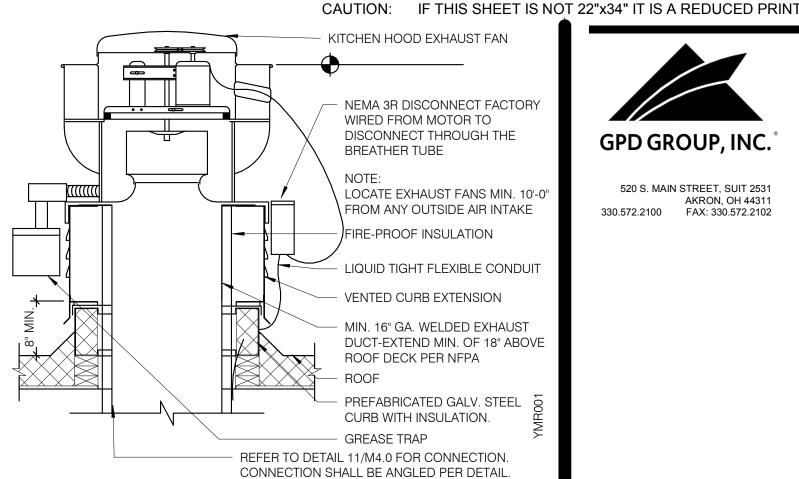
FULL RADIUS

TAKE-OFF

TYPICAL DUCTWORK DETAILS NTS

LIMITED

9



GPD GROUP, INC. 520 S. MAIN STREET, SUIT 2531 330.572.2100 FAX: 330.572.2102

3

2

FACTORY INSTALLED

- 5/16" DIA. ALL THREAD

- ROUND RIGID DUCT

STRAP WITH 6'-0" MAX. SPACING, WITH WASHERS

- SUPPORT WIRE SECURED

TO STRUCTURE ABOVE.

- ROUND RIGID DUCT

(LOGITUDINAL SEAM)

STRAP WITH 5'-0" MAX.

SPACING.

SIDE VIEWS

**DUCT SUPPORT DETAIL NTS** 

**SECTIONS** 

4

CEILING DIFFUSER CONNECTIONS NTS

1" WIDE, 18 GA. SUPPORT

SUPPORT WIRE SECURED

TO STRUCTURE ABOVE.

- 2" WIDE SUPPORT STRAP

WITH 3'-0" MAX. SPACING.

- FLEXIBLE DUCT, 5'-0" MAXIMUM LENGTH

AND LOCK NUTS.

(SPIRAL SEAM)

ABOVE.

SECURED TO STRUCTURE

- 1 1/2" WIDE, 16 GA. SUPPORT

DISCONNECT & CONDUIT CHASE, PROVIDE POWER TO DISCONNECT WITHIN CURB
OPPOSED BLADE DAMPERS
STANDARD CURB CAP, FASTEN PER MFR'S RECOMMENDATIONS
RECOMMENDATIONS
METAL EXHAUST DUCT
7
002

RESTROOM FAN (EF-2) NTS

EXHAUST FAN (EF-1) NTS

	DATE	REMARKS
1	03/22/22	Revisioin #1 - County and Utility Comments
	04/29/22	Issued for Bid

CONTRACT DATE: 10.05.21 BUILDING TYPE: END. MED20 PLAN VERSION: MARCH 2021 BRAND DESIGNER: DICKSON SITE NUMBER: STORE NUMBER: 456917 PA/PM: DRAWN BY. 2021088.41

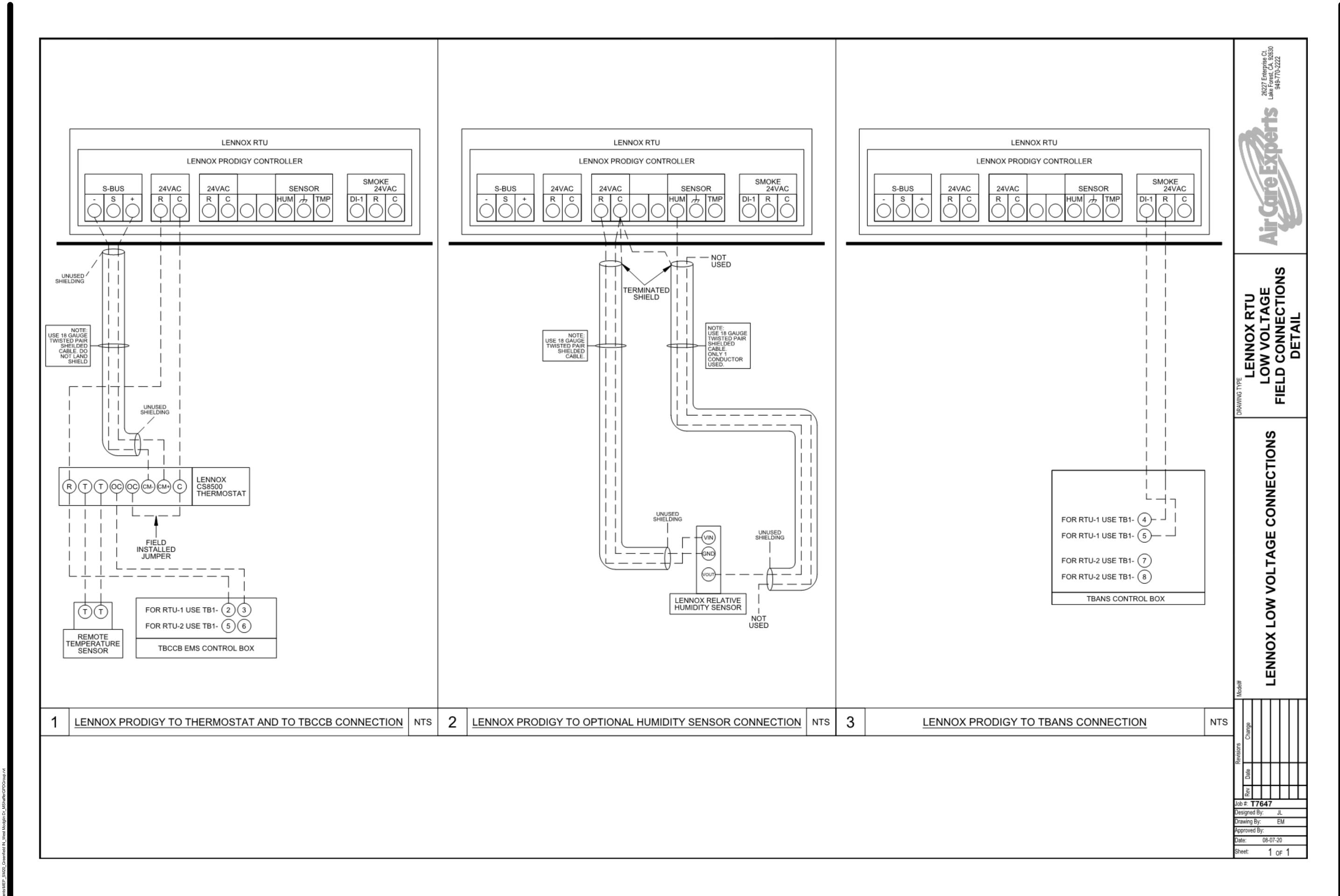
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**ENDEAVOR 2.0 MECHANICAL DETAILS** 

FOR REFERENCE ONLY



ı	03/22/22	County and Utility Comments
	04/29/22	Issued for Bid
COV	ITRACT DAT	E: 10.05.21
BUIL	DING TYPE	: END. MED40

CONTRACT DATE: 10.05.21
BUILDING TYPE: END. MED40
PLAN VERSION: MARCH 2020
BRAND DESIGNER: DICKSON
SITE NUMBER: 315289
STORE NUMBER: 456917
PA/PM: JW
DRAWN BY.: AD

TACO BELL

2021088.41

5964 West Modglin Dr. Greenfield, IN 46140



ENDEAVOR 1.0
CONTROLS
DETAILS

M5.0

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 UNDERSIDE OF EQUIPMENT & SECURED IN PLACE.

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

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

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

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

7. PLUMBING FIXTURE VENTS SHALL TERMINATE MINIMUM OF 12 INCHES FROM VERTICAL SURFACES AND 10 FEET FROM OUTSIDE AIR INTAKES.

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

9. PROVIDE SHUT-OFF VALVES ON HOT & COLD WATER LINES TO FIXTURES AND APPLIANCES. ALL EXPOSED WATER AND WASTE LINES SHALL BE CHROME PLATED.

10. PROVIDE LEVER HANDLE GAS SHUT-OFF VALVE IN BRACH PIPING OF EACH APPLIANCE. INSTALL OWNER FURNISHED QUICK DISCONNECT, FLEXIBLE PIPE (IF ALLOWED BY CODE) AND RESTRAINING DEVICE. PROVIDE PRESSURE REDUCING VALVES AT EACH PIECE OF EQUIPMENT OR APPLICANCE IF GAS PRESSURE IS GREATER THAN 10" WC DOWSTREAM OF THE GAS METER.

11. VALVES, UNIONS, ETC. SHALL BE SAME SIZE AS PIPE UNLESS OTHERWISE

12. REFER TO KITCHEN EQUIPMENT DRAWINGS FOR PLUMBING ROUGH-IN REQUIREMENTS. MAKE ALL ROUGH-IN AND FINAL CONNECTIONS TO KITCHEN EQUIPMENT UNLESS OTHERWISE NOTED.

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

14. GAS LINES SHALL BE SUPPORTED.

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

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

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

18. VERIFY DEPTH, SIZE, LOCATION, AND CONDITION OF ALL EXISTING UTILITIES IN THE FIELD PRIOR TO COMMENCING WORK ON PROJECT. NOTIFY OWNER IMMEDIATELY OF CONDITIONS THAT EXIST WHICH WOULD CAUSE THE DESIGN TO BE ALTERED..

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

20. PROVIDE BACKFLOW PROTECTION DEVICES REQUIRED BY AGENCIES HAVING JURISDICTION. BACKFLOW DEVICES REQUIRING TESTING SHALL BE INSTALLED NO HIGHER THAN 5'-0" A.F.F.

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

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

23. ALL WATER LINES SHALL BE RUN OVERHEAD UNLESS OTHERWISE NOTED.

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

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

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

GENERAL NOTES - PLUMBING NTS

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
	(TYP.)	TYPICAL
	(N)	NEW
	(E)	EXISTING
	F.D.	FLOOR DRAIN
0	H.D.	HUB DRAIN
	O.F.D.	OVERFLOW DRAIN
$\boxtimes$	F.S.	FLOOR SINK
	G.L.	GAS LINE
	A.F.F.	ABOVE FINISHED FLOOR
X 00		PLUMBING EQUIPMENT DESIGNATION
(XXX)		KITCHEN EQUIPMENT NUMBER: REFER TO KITCHEN EQUIPMENT DRAWINGS FOR DESCRIPTION.
— ss —	SS	SOIL OR WASTE (SANITARY)/WASTE STUB
	GW	SOIL OR WASTE (GREASE WASTE)/WASTE STUB
—— G ——	G	GAS / GAS STUB
CW	CW	COLD WATER/ CW STUB
HW	HW	HOT WATER / HW STUB
— HWR—	HWR	HOT WATER RETURN
	V	SANITARY VENT
—— SD ——	S.D.	STORM DRAIN
—— CD——	C.D.	CONDENSATE DRAIN
<b>&gt;</b>	F.C.O.	FLOOR CLEANOUT
I <del></del>	W.C.O.	WALL CLEANOUT
——FW ——	FW	FILTERED WATER
——TW ——	TW	PREMIXED TEMPERATURE WATER
+	H.B.	HOSE BIBB
$\overline{\hspace{1cm}}$	S.O.V.	SHUT-OFF GATE VALVE
<u> </u>	S.O.C.	SHUT-OFF GAS COCK
	C.V.	CHECK VALVE
<b>↓</b> —	P.T.R.V.	PRESS-TEMPERATURE RELIEF VALVE
	B.V.	BALL VALVE
	C.W.	COLD WATER BELOW GRADE
	E.C.O.	EXTERIOR CLEAN OUT
<del></del>	BFP	BACK FLOW PREVENTER
	FU	FIXTURE UNIT

### PLUMBING LEGEND NTS

		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	5	10		
URINAL	0	5		5			
LAVATORY	2	1	2	1.5	3	1.5	3
HAND SINK	2	2	4	1.5	3.0	1.5	3.0
PREP SINK *	1			2	2	2	2
3 - COMPARTMENT SINK *	1			3	3	3	3
HOSE BIBB/WATER FILTRATION UNIT	2/1			5/0.5	12		
FLOOR DRAIN	7	2	14				
HUB DRAIN	2	2	4				
FLOOR SINK	4	3	12				
MOP SINK	1	3	3	2.25	2.25	2.25	2.25
RETHERMALIZER *	1					1.0	1.0
TOTAL			47	-	35.25		14.25

PROBABLE DEMANDS/ COLD WATER: 35.25 FU = 25.4 GPM USE 1-1/2" CW SERVICE AND PIPE SIZING DRAIN: GW 22 DFU USE 4" SANITARY (MIN) USE 4" SANITARY (MIN) HOT WATER: 14.25 FU = 17.875 GPM USE 1-1/4" HW SERVICE BASED ON 2012 INDIANA PLUMBING CODE. \*FIXTURE HAS INDIRECT WASTE TO FLOOR SINK

GREASE INTERCEPTOR SIZING CALCULATION
(11 GPM) x (30 MIN RETENTION TIME) = 330 GALLONS

NOTES:

PROPOSED GREASE INTERCEPTOR SIZE = 1,000 GALLONS.
 PER SECTION 709.3, ONE GPM IS EQUIVALENT TO TWO FIXTURE UNITS.

PLUMBING FIXTURE COUNT NTS

2

3

CAUTION: IF THIS SHEET IS NOT 22"x34" IT IS A REDUCED PRINT

	ITEM	FIXTURE	SOIL OR WASTE	VENT	COLD WATER	HOT WATER	TEMP'D WATER	WASTE FU	WATER <b>FU</b>	DESCRIPTION	MANUFACTURER / MODEL NUMBER
	(ECO 1)	EXTERIOR CLEANOUT								CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, ROUND SCORIATED HEAVY CAST IRON COVER.	JOSAM / MODEL: 56000 WADE / MODEL: 6000Z
											ZURN / MODEL: Z-1400
	FS 1	FLOOR SINK	4"	2"				6		PVC 12" SQUARE FLOOR SINK, 8" DEEP, WITH ALUMINUM OR PVC DOME STRAINER AND LOOSE SET PVC SLOTTED TOP GRATE. SET FLOOR SINK LIP FLUSH WITH FLOOR TILE.	JOSAM / MODEL: JPFS4-PVC ZURN / MODEL: FD-2370-PV4-DS-F
										CAST IRON 12" SQUARE FLOOR SINK, 8" DEEP, WITH ALUMINUM DOME STRAINER AND NICKEL	JOSAM / MODEL: 49034AS
	(FS 2)	FLOOR SINK	3"	2"				6		BRONZE HINGED TOP.	WADE / MODEL: 9144  ZURN / MODEL: Z-1900-32
	(FD 1)	FLOOR DRAIN	3"	2"				2		PVC FLOOR DRAIN, 5" DIA. IF PVC OR ABS DRAINS ARE USED, SCHEDULE 80 PVC DRAIN PIPE SHALL BE USED FOR THE FIRST 10'-0" FROM THE DRAIN.	ZURN / MODEL: FD-2210 JOSAM / MODEL: 30003-A
										OAOT IDON DEED OFAL D TRAD WITH FLINNEL NO LILIB OLITIET AND DRAGG GAOVETED	WADE / MODEL:1103  JOSAM / MODEL: 88213
	(HD 1)	HUB DRAIN	3"	2"				2		CAST IRON DEEP SEAL P-TRAP WITH FUNNEL, NO-HUB OUTLET AND BRASS GASKETED CLEANOUT PLUG.	WADE / MODEL: 2453EF
											ZURN / MODEL: Z-1019
		FLOOR								CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, ROUND SCORIATED HEAVY	JOSAM / MODEL: 56000
	(FCO 1)	CLEANOUT								CAST IRON COVER.	WADE / MODEL: 6000Z
-											ZURN / MODEL: Z-1400
		WALL								CAST IRON CLEANOUT TEE WITH INLET/OUTLET SPIGOT AND THREADED BRASS PLUG, WITH	JOSAM / MODEL: 58510
	(WCQ 1)	CLEANOUT								STAINLESS STEEL ACCESS COVER.	WADE / MODEL: 8560E
											ZURN / MODEL: Z-1446-BP
										NON-FREEZE WALL HYDRANT WITH INTEGRAL VACUUM BREAKER, BRONZE CASING AND NICKEL BRONZE BOX.	JOSAM / MODEL: 71000
	$(HB \mid 1)$	HOSE BIBB			3/4"				2.5/1	BRONZE BOX.	WADE / MODEL: 8600L
-											ZURN / MODEL: Z-1300
										WHITE VITREOUS CHINA FLOOR MOUNTED FLUSHOMETER TANK (PRESSURE ASSISTED) TYPE,	AM. STD. "CADET" / MODEL: 2467.100
										ELONGATED BOWL, ADA COMPLIANT, 1.1 GPF, WITH OPEN FRONT SEAT LESS COVER, OLSONITE #95 OR EQUIVALENT. FLUSHOMETER TANK: SLOAN FLLUSHMATE OR EQUAL.	KOHLER "HIGHLINE" / MODEL: K-3519
REEN	WC 1	WATER CLOSET	4"	2"	1/2"			4	2	PROVIDE TANK COVER LOCKS. FLUSH VALVES SHALL BE RIGHT HAND OR LEFT HAND AS	CRANE "ECONMISER" / MODEL: 31888
REEN		CLOSET								REQUIRED TO CORRESPOND WITH ACCESS FROM WIDE SIDE OF STALL. VERIFY FLUSH SIDE	
ļ										REQUIREMENTS.	A C COMPARE MARKET CARACTER
		LAVATORY	4 4 / 4 11	4 4 /011	4 /011		4 (01)		4 -	WHITE VITREOUS CHINA, WALL HUNG, WITH CONCEALED ARMS SUPPORT, 4" CENTERS, WITH INTEGRAL BACKSPLASH, ADA ACCESSIBLE. FLAT GRID STRAINER. BRAIDED WATER LINES.	A.S. COMRADE/ MODEL: 0124.131
REEN	(L   1)	LAVATORY	1-1/4"	1-1/2"	1/2"		1/2"	1	1.5	FAUCET: FURNISHED BY OWNER-INSTALLED BY G.C. ELECTRONIC SENSOR TYPE FAUCET. SLOAN SF-2300, ADA COMPLIANT. SEE 5/P6.0 FOR LAV SUPPORT DETAIL, 0.5 GPM AERATOR	CRANE "HARWICH" / MODEL: 1412V
										S-1: STAINLESS STEEL HAND SINK, WALL HUNG, INCLUDES A 6" GOOSENECK STAINLESS.	
	(S 1)	HAND SINK	1-1/2"	1-1/2"	1/2"		1/2"	2	1.5	FAUCET W/SINGLE KNEE PEDAL. BRAIDED WATER LINES, 0.5 GPM AERATOR.	
REEN											
İ										MOP SINK: AERO - 3MP-2121-6 W/ 48" HIGH S.S. LEFT SIDE AND BACK-SPLASH. FURNISHED BY	
	S 2	MOP SINK	3"	2"	1/2"	1/2"		3	2.25	OWNER, INSTALLED BY CONTRACTOR.	
										FAUCET: T&S #B2465, WITH VACUUM BREAKER, FURNISHED BY OWNER, INSTALLED BY CONTRACTOR.	
-											
		3-COMP.	INIDIDEOT		4 /011	4 /011				SINK, FAUCET & DRAIN, GEN IV POWER SOAK STANDARD, GEN III IS AN OPTION FOR FRANCHISES	
	$(S \mid 3)$	SINK	INDIRECT		1/2"	1/2"			3	THANGINGEO	
											<del></del>
			INIDIDECT		4 (011	4 (011				SINK, FAUCET AND DRAIN	
	$(S \mid 4)$	PREP SINK	INDIRECT		1/2"	1/2"			3		
										DESCARE A COS CALLON ODE AGE INTERCEPTOR MITH CAMPLING DOV. OFF OUT RIAN FOR	
	GI 1	GREASE INTERCEPTOR	4"							PRECAST 1,000 GALLON GREASE INTERCEPTOR WITH SAMPLING BOX. SEE SITE PLAN FOR EXTERIOR GREASE INTERCEPTOR LOCATION.	JENSEN / JP1000G
		MIXING								THERMOSTATIC, 125 P516, 200VF BRONZE BODY, STAINLESS STEEL PISTON LINER, CHECK	POWERS SERIES LFLM495
	$\left( MV \mid 1 \right)$	VALVE			1/2"	1/2"				VALVES SIZE PER PIPE CONNECTIONS.	LAWLER SERIES 310
											LEONARD SERIES 170
		l								GAS FIRED WATER HEATER, 95% THERMAL EFF., 120,000 BTUH INPUT, 60 GAL. STORAGE	AO SMITH / CYCLONE MXI BTH-120
	WH 1	WATER HEATER			1-1/4"	1-1/4"				TANK, 138 GPH @ 100 DEG. RISE REC. RATE, 3" PVC FLUE & INTAKE, ASME RATED TEMPERATURE AND PRESSURE RELIEF. VALVE, ELECTRONIC IGNITION SYSTEM AND	STATE / SUF 100 120 NE
										ELECTRONIC CONTROLS. Call 800-477-1953 Option #1 for National Account Price & Service	
-										EXPANSION TANK, STEEL, EXPANSION MEMBRANE 150 PSI, 160° F, 12 GALLON CAPACITY.	WATTS SERIES DETA
	ET 1	EXPANSION			3/4"					LANTANOCON TAININ, OTELL, LAN ANDION MILIMIDITAINE 1901 OI, 100 1, 12 GALLON CAPACITY.	AMTROL SERIES ST
		TANK			5,7						WILKINS SERIES WXTP
-										REDUCED PRESSURE ZONE BACKFLOW PREVENTER. CAST BRONZE CONSTRUCTION WITH	WATTS / MODEL: LF009M2QTS
	(BFP 1)	BACKFLOW			VERIFY				1	QUARTER TURN FULL-PORT BALL VALVES AND BRONZE STRAINER.	WILKINS / MODEL: £1 009M2Q13
		PREVENTOR			*=''''				'		FEBCO / MODEL: 860
}										DEVEDOE OCMOCIO EILTED OVOTEM DV OMNIED, CEE DETAIL C/DC C	, 2500 / WIODEL. 000
		REVERSE	INDIRECT		1 /0					REVERSE OSMOSIS FILTER SYSTEM BY OWNER. SEE DETAIL 9/P6.0	
	(RO 1)	OSMOSIS	INDIRECT		1/2"						
ŀ					-	-				O S ODM OS FEET HEAD, DDOWDE WITH OUTOK VALVE, DAY AND S VALVE, AND	 TACO 009
	(RP 1	RECIRC PUMP				1/2"				0.5 GPM @5 FEET HEAD. PROVIDE WITH CHECK VALVE, BALANCE VALVE, AND AQUASTAT.	1700 009
	ر ا	I LICHTO FOINT			I	'/~	I				



520 S. MAIN STREET, SUIT 2531 AKRON, OH 44311 330.572.2100 FAX: 330.572.2102

	DATE	REMARKS
1	03/22/22	Revisioin #1 - County and Utility Comments
	04/29/22	Issued for Bid

CONTRACT DATE: 10.05.21
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315289
STORE NUMBER: 456917
PA/PM: JW
DRAWN BY.: AD

TACO BELL

2021088.41

5964 West Modglin Dr. Greenfield, IN 46140

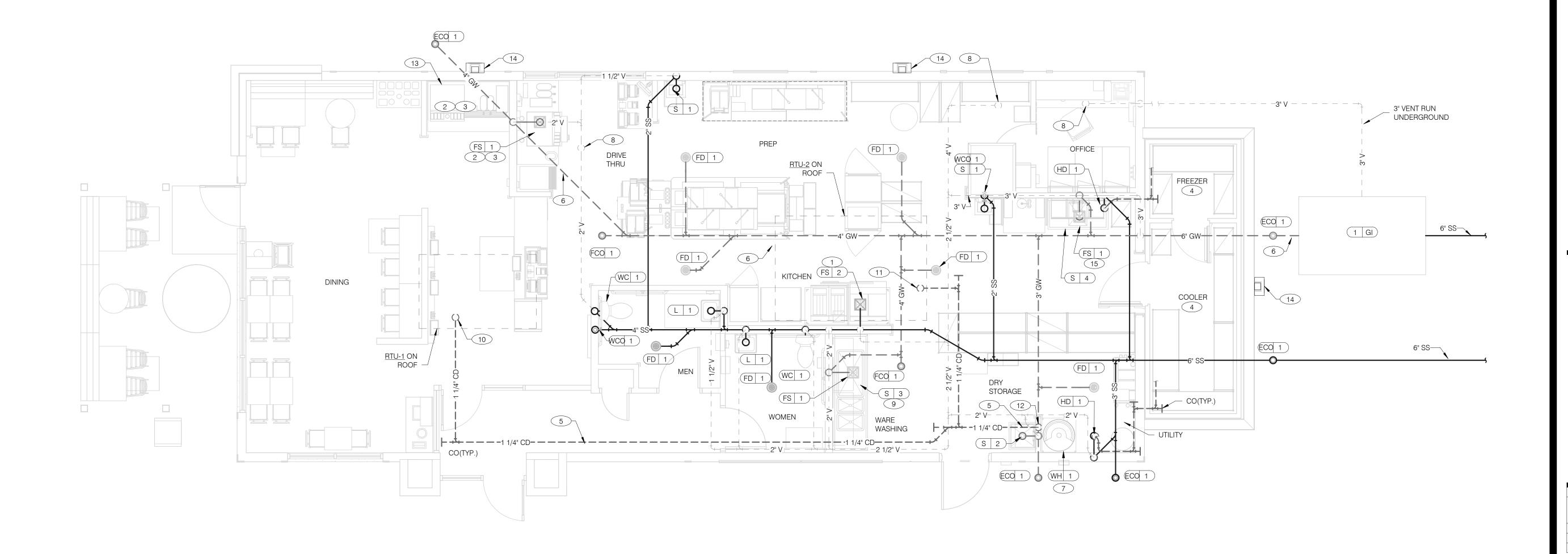


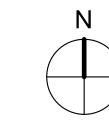
PLUMBING
SCHEDULES
AND NOTES

P1.0

OT DATF: 4/28/2022 8:38:19 AM







## 3" PVC EXHAUST DUCT — 90° ELBOW WITH TAP PROVIDED BY MANUFACTURER WATER HEATER 1/2" VINYL OR PVC CONDENSATE DRAIN. MUST INCLUDE LOOP AIR TRAP. 1/4"/ FT MIN. SLOPE WATER HEATER PLATFORM TOP OF LOOP MUST BE BELOW BOTTOM OF EXHAUST ELBOW. HUB DRAIN/FLOOR SINK NOT TO EXCEED 1" A.F.F.

WATER HEATER CONDENSATE DETAIL NTS

- 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.

WASTE & VENT PLAN NOTES NTS

4

- C. SEE ARCHITECTURAL PLANS FOR DOWNSPOUT LOCATIONS
- D. VERIFY WITH THE LOCAL BUILDING AUTHORITY THAT CONDENSATE DRAINAGE CAN BE ROUTED TO THE MOP SINK.
- (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 DEDICATED CONDENSATE LINE AND DRAIN LINE FROM ICE MACHINE TO THE FS UNDERNEATH THE DRIVE THRU SODA MACHINE. PROVIDE AIR GAP PER LOCAL CODE.
- 3 PROVIDE DEDICATED WASTE LINES FROM BEVERAGE UNIT TO THE FS UNDERNEATH THE DRIVE THRU SODA MACHINE. PROVIDE AIR GAP PER LOCAL CODE.
- 4 PROVIDE 3/4" COPPER CONDENSATE FROM DRAIN PROVIDED BY VENDOR TO OUTFALL AT HUB DRAIN/MOP SINK (HEAT ROPE IS SUPPLIED WITH FREEZER CONDENSATE). CONCEAL CONDENSATE PIPE IN WALL.
- 5 PVC OR COPPER CONDENSATE DRAIN FROM HVAC UNITS ON ROOF. RUN TO MOP SINK. PIPING SHALL SLOPE 1/4" PER FOOT AND SHALL BE INSULATED WITH 1" CLOSED CELLULAR INSULATION. REFER TO RISER DIAGRAM ON SHEET P5.0 FOR PIPE SIZES.
- 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 AUTHORITY HAVING JURISDICTION.
- 7 ROUTE INDIRECT WASTE FROM WH-1 TO HD-1. REFERENCE DETAIL 2/P6.1 AND DETAIL 4/P2.0.
- 8 4" VENT UP THROUGH ROOF.

3

9 PIPE 3-COMPARTMENT SINK TO FLOOR SINK WITH AIR GAP PER CODE.

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

- 10 1-1/4" CONDENSATE DRAIN DOWN FROM RTU-1. SEE DETAIL 10/P6.0.
- 11 1-1/4" CONDENSATE DRAIN DOWN FROM RTU-2. SEE DETAIL 10/P6.0.
- CONDENSATE DRAIN PIPE DOWN TO MOP SINK. PROVIDE AIR GAP AS REQUIRED BY CODE. IF REQUIRED RUN CONDENSATE PIPING TO EXTERIOR DRYWELL, RETENTION AREA OR STORM SEWER AS DIRECTED BY AUTHORITY HAVING
- (13) RUN DRAIN LINE FROM S/S DRINK MACHINE THROUGH WALL OPENING. TO OUTFALL AT FS BENEATH D/T DRINK MACHINE.
- 14 DOWN SPOUT. SEE CIVIL PLANS FOR CONTINUATION.
- 15 ROUTE DRAIN FOR REVERSE OSMOSIS DISCHARGE TO FLOOR SINK. ENSURE PROPER AIR GAP.

	ı
TACO BELL	

TACO BELL

5964 West Modglin Dr.

Greenfield, IN 46140

1 03/22/22 Revisioin #1 -

CONTRACT DATE: BUILDING TYPE:

PLAN VERSION:

SITE NUMBER:

PA/PM:

DRAWN BY.:

JOB NO.:

STORE NUMBER:

BRAND DESIGNER:

04/29/22 Issued for Bid

County and Utility Comments

END. MED20

MARCH 2021

DICKSON

456917

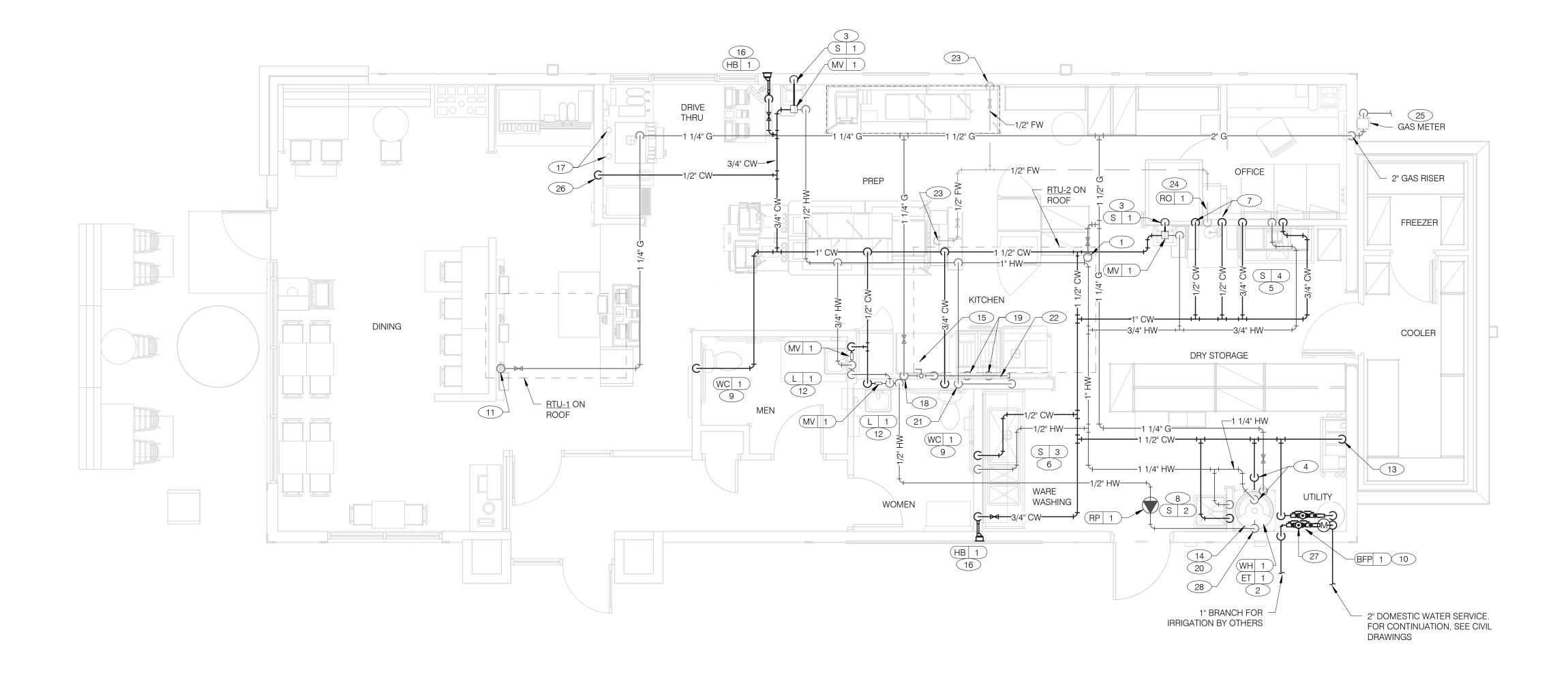
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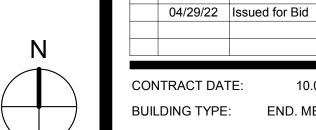
**ENDEAVOR 2.0 WASTE AND VENT PLAN** 

2

KEYNOTES - WASTE AND VENT NTS







BUILDING TYPE: END. MED20 PLAN VERSION: MARCH 2021 BRAND DESIGNER: DICKSON SITE NUMBER: STORE NUMBER: PA/PM: DRAWN BY.: JOB NO.: 2021088.41

Comments

TACO BELL

5964 West Modglin Dr. Greenfield, IN 46140 ROOF AS RECOMMENDED BY MANUFACTURER TO LOCATIONS SHOWN ON



- 22 RUN GAS PIPE 18" A.F.F. WITH DIRT LEGS FOR GAS HOSE KITS TO COOKING EQUIPMENT C-026 AND C-107.
- 23 1/2" RO WATER PIPE DOWN IN WALL AND ROUTED IN LOW WALL OF DRY PRODUCTION LINE. PROVIDE SHUT-OFF VALVE ON RO PIPING IN CEILING NEAR
- 1/2" COLD WATER TO REVERSE OSMOSIS FILTER P-315 AND 1/2" FILTER WATER
- GAS METER, REGULATOR VALVES, BRACKETS, ETC. AS REQUIRED BY LOCAL
- 26 1/2" COLD WATER. CONNECT TO WATER FILTER FOR BUNN POD BREWER S-547.
- PROVIDE SHUT-OFF VALVE PRIOR TO CONNECTION TO WATER FILTER.
- 27) 1" DEDUCT METER FOR IRRIGATION SYSTEM.
- 28) 1/2" HOT WATER RETURN DOWN TO WATER HEATER HOT WATER RETURN INLET.

**WATER & GAS PLAN** 1/4" = 1'-0" **1** 17 BUNDLED SYRUP LINES TO BEVERAGE DISPENSERS S-284 & S-285 AND

DISPENSER S-546. SEE DRAWINGS A2.0 AND P5.0.

18 1-1/4" GAS DOWN ALONG WALL TO COOKING EQUIPMENT. VERTICAL GAS PIPING IN WALL SHALL NOT BE RIGIDLY SECURED AND ADEQUATE PIPE PROTECTION SHALL BE PROVIDED.

19 3/4" GAS DIRT LEG W/ GAS COCK TO COOKING EQUIPMENT. PROVIDE FLEXIBLE GAS HOSE KIT FOR CONNECTION TO COOKING EQUIPMENT. 20 3" PVC EXHAUST AND INTAKE FLUES FROM WATER HEATER, PIPE THROUGH

FILTERED WATER LINES TO ICE MAKERS S-513 AND FROZEN BEVERAGE

SHEET M2.0. SEE DETAIL 1/P6.1.

21 1/2" HOT WATER DOWN IN WALL TO RETHERMALIZER C-107. PROVIDE SHUT-OFF

FROM REVERSE OSMOSIS FILTER. PROVIDE SHUT-OFF VALVE ON CW PIPE PRIOR TOCONNECTION TO FILTER. SEE DETAIL 9/P6.0.

GAS COMPANY. SEE CIVIL DRAWINGS FOR CONTINUATION.

WATER & GAS PLAN NOTES NTS

NO ROOF PENETRATIONS PERMITTED WITHIN ROOF "WATER VALLEYS".

REFER TO SHEET P5.0 FOR WATER AND GAS ISOMETRIC DRAWINGS.

FLUSH ALL WATER SUPPLY LINES OF ALL DEBRIS AND IMPURITIES

PROVIDE REDUCED PRESSURE BACKFLOW PREVENTER TO SERVE

CARBONATOR. DRAIN RELIEF TO FLOOR SINK WITH AIR GAP

REFER TO ROOF PLAN FOR LOCATIONS.

REFER TO SHEET P4.0 FOR ROUGH-IN LOCATIONS.

PRIOR TO CONNECTING TO WATER FILTERS.

1-1/4" (180 CFH) GAS UP TO RTU-2 WITH DIRT LEG, GAS COCK AND UNION.

2 1-1/4" (120 CFH) GAS DOWN TO WATER HEATER WITH GAS COCK, DIRT LEG

1-1/4" HOT AND 1-1/4" COLD WATER LINES DOWN TO WATER HEATER.

6 1/2" COLD AND HOT WATER LINES DOWN IN WALL TO THREE COMP. SINK.

10 PROVIDE REDUCED PRESSURE BACKFLOW PREVENTER. WATER METER LOCATED OUTSIDE. REFER TO CIVIL PLANS FOR CONTINUATION AND

1-1/4" (180 CFH) GAS UP TO RTU-1 WITH DIRT LEG, GAS COCK AND UNION.

WATER HEATER (WH-1). PIPE CONDENSATE LINE. T&P DISCHARGE AND DRAIN

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

5 1/2" HOT AND COLD WATER LINES DOWN IN WALL TO PREP SINK.

8 1/2" COLD AND HOT WATER DOWN IN WALL TO MOP SINK.

9 3/4" CW DOWN IN WALL TO FLUSH TANK WATER CLOSET .

1/2" TEMPERED WATER LINES DOWN IN WALL TO LAVATORY.

PAN TO HUB DRAIN. SEE WATER HEATER DETAIL 2/P6.1.

15 EMERGENCY GAS SHUT OFF VALVE LOCATED BELOW CEILING.

13 3/4" CW DOWN ALONG WALL TO WATER FILTER S-540.

16 3/4" CW DOWN IN WALL TO EXTERIOR HOSE BIBB.

FURTHER INFORMATION.

3 1/2" TEMPERED WATER DOWN IN WALL TO HAND SINK.

AND UNION.

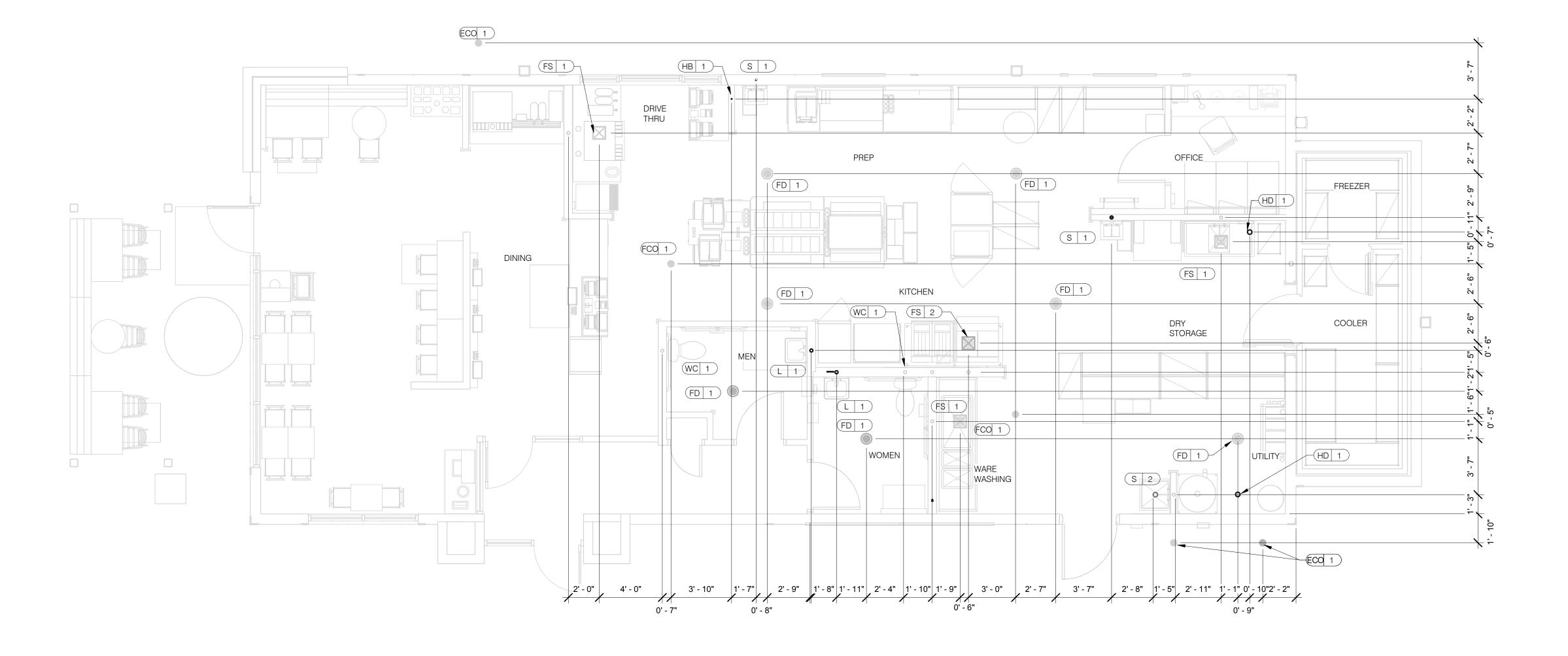
KEYNOTES - WATER AND GAS NTS

**ENDEAVOR 2.0** 

WATER AND

**GAS PLAN** 





EQUIP #

S 3 3-COMPARTMENT SINK FAUCET

S 4 PREP SINK
S 4 PREP SINK FAUCET

WCO 1 WALL CLEAN OUT

⟨C-107⟩ RETHERMALIZER

C-107 RETHERMALIZER

C-026 DUAL VAT FRYER

S-286 WATER FILTER SYSTEM

(P-452) HOT WATER SYSTEM

HB 1 HOSE BIB

FCO 1 FLOOR CLEAN OUT

**EQUIPMENT ITEM** 

REMARKS

EPOXY COATED CAST IRON

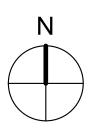
BOTH HANDICAP AND REGULAR

RIM OF LAV @ +2'-8" A.F.F.

CLOSET MOP SINK ONLY

RECESSED IN FLOOR

WALL MOUNTED



### PLUMBING ROUGH-IN PLAN 1/4" = 1'-0" 1

1.	ALL DIMENSIONS TO FLOOR SINKS, FLOOR DRAINS AND HUB DRAINS ARE TO
	CENTER OF FIXTURE.

2.	IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THIS DATA ON LOCATION OF ALL PLUMBING ROUGH-INS WITH INFORMATION PROVIDED ON ARCHITECTURAL AND STRUCTURAL DRAWINGS AND EQUIPMENT ACTUALLY SUPPLIED AND TO CONFIRM CORRECTNESS OF DIMENSIONS
	INDICATED HEREIN.

CONTRACT DATE:	10.05.21
BUILDING TYPE:	END. MED20
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	DICKSON
SITE NUMBER:	315289
STORE NUMBER:	456917

DRAWN BY.:

1 03/22/22 Revisioin #1 -

04/29/22 Issued for Bid

County and Utility Comments

TACO BELL

2021088.41

5964 West Modglin Dr. Greenfield, IN 46140



**ENDEAVOR 2.0 PLUMBING ROUGH-IN PLAN** 

PLUMBING ROUGH-IN SCHEDULE NTS	

TYPE | ELEVATION

CW/HW +38" A.F.F

W +19" A.F.F

CW/HW +38" A.F.F

HW +8" A.F.F.

G +12" A.F.F.

G +12" A.F.F.

CW +94" A.F.F.

CW +24" A.F.F.

REMARKS

INLET TO & OUTLET FROM FILTER

EQUIP #

FS 1 FLOOR SINK

FS 2 FLOOR SINK

(HD 1) HUB DRAIN

WH 1 WATER HEATER

WH 1 WATER HEATER

(WC 1 ) WATER CLOSET

L 1 LAVATORY

S 1 HAND SINK

S 2 MOP SINK

UR 1 URINAL FLUSH VALVE

UR 1 URINAL WASTE STUB

L 1 LAVATORY WASTE LINE

(RO 1 ) REVERSE OSMOSIS

S 2 MOP SINK FAUCET

S 2 MOP SINK FAUCET

S 3 3-COMPARTMENT SINK

**EQUIPMENT ITEM** 

TYPE | ELEVATION

G +15" A.F.F.

CW +29" A.F.F

CW +47" A.F.F.

TW +20" A.F.F.

CW +84" A.F.F

TW +18" A.F.F

W -6" A.F.F.

CW/HW +36" A.F.F

CW/HW +42" A.F.F

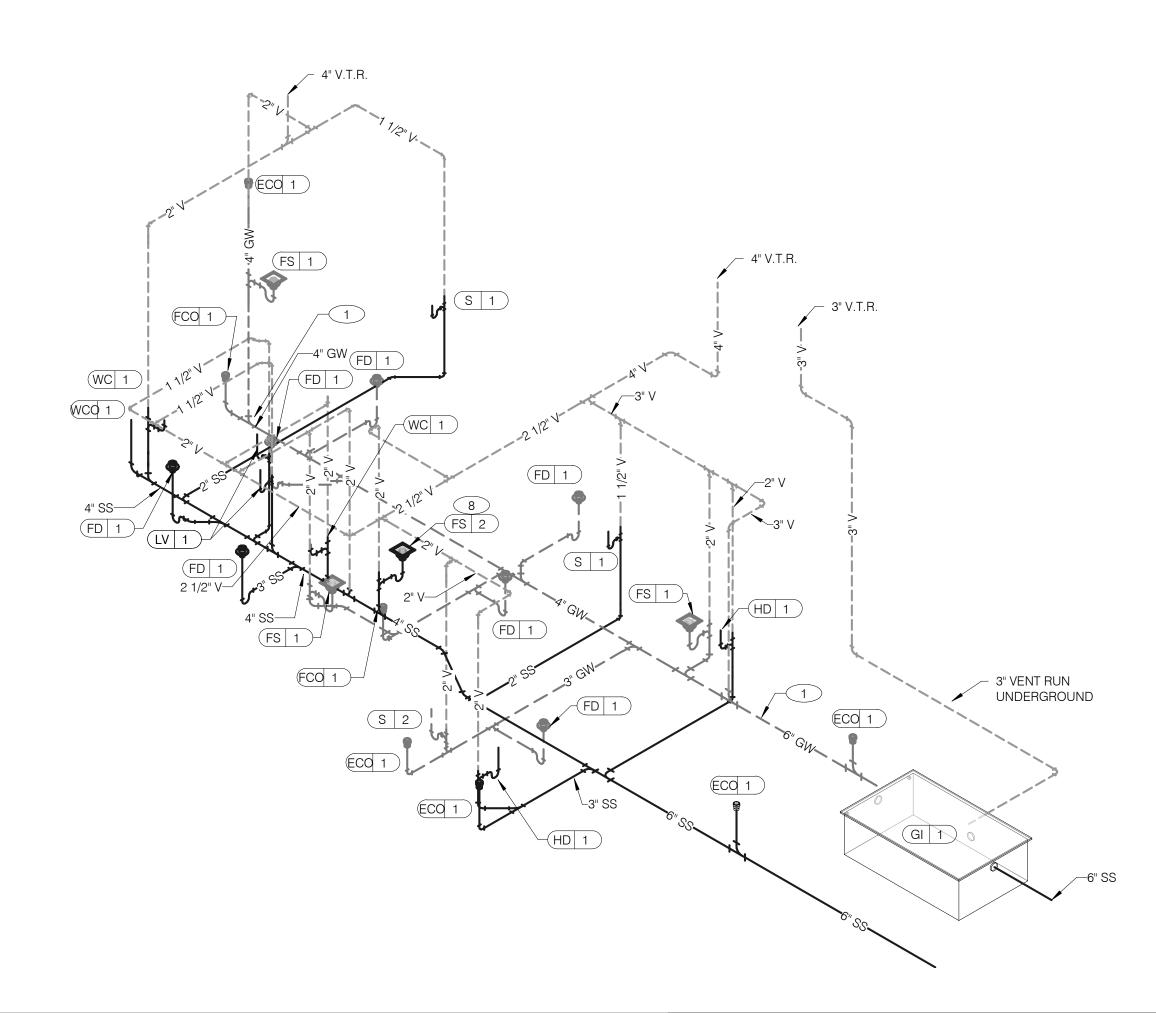
W +19" A.F.F

W +16-1/2" A.F.F.

W +16-1/2" A.F.F. WALL MOUNTED

CW





3/4" CW 1/2" HW S 4 3 9 WH 1 ET 1 2" DOMESTIC WATER 1" IRRIGATION -SERVICE. SEE CIVIL WATER SERVICE. DRAWINGS FOR CONTINUATION

GAS DEMAND SCHEDULE

COORDINATE GAS DEMAND REQUIREMENTS

RTU-2

WH-1

**DUAL FRYER** 

RETHERMALIZER

WITH SITE-SPECIFIC RTU DESIGN.

0.3" W.C. PRESSURE DROP.

PIPE SIZE BASED ON 120' OF PIPE, 7" W.C. OPERATING PRESSURE, AND

DEMAND

180 CFH

180 CFH

120 CFH

160 CFH

110 CFH

750 CFH = 750,000 BTUH

WATER ISOMETRIC NTS

WASTE AND VENT ISOMETRIC NTS

FILTERED LINE (COLD WATER)

FILTERED EQUIPMENT AND LINES:

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

S-513 - 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-543 - FROZEN BEVERAGE DISPENSER

FILTERED WATER SUPPLIED VIA SYRUP BUNDLE. REFER TO 11/P6.0. SEE SCOPE OF WORK FOR RESPONSIBILITIES.

7 10	
O CFH	
11/4"G	

10

RTU-2

180 CFH

10

1 1/4" G-⁄

10

**DUAL FRYER** 

RETHERMALIZER

160 CFH

110 CFH

C-107 -

C-026

- ANSUL GAS

─ DIRT LEG

120 CFH

VALVE

6

1 ENTIRE RUN OF DRAIN LINES ON INLET TO GREASE TRAP SHALL BE ─1 1/2" G

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.

4 THERMOSTATIC MIXING VALVE.

REDUCED PRESSURE BACKFLOW PREVENTER PER LOCAL UTILITY REQUIREMENTS. PROVIDE SHUT-OFF VALVES AT BOTH SIDES OF BACKFLOW PREVENTER. METER LOCATED OUTSIDE. VERIFY LOCATIONS WITH CIVIL

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.

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 PROVIDE GAS SHUT-OFF VALVE IN CEILING SPACE.

1/2" HOT WATER PIPE DOWN IN WALL. PROVIDE SHUT-OFF VALVE OUTSIDE OF WALL FOR CONNECTION TO 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" RO 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

FILTERED WATER ISOMETRIC NTS

1/2" COLD WATER TO HOT WATER SYSTEM FILTER.

15 TEE OFF 3/8" LINE FROM DRIVE THRU BEVERAGE DISPENSER FILTERED WATER SUPPLY. SEE DETAIL 8/P6.0.

16 1/2" COLD WATER. CONNECT TO WATER FILTER FOR BUNN POD BREWER S-547. PROVIDE SHUT-OFF VALVE PRIOR TO CONNECTION TO THE WATER FILTER.

	DATE	REMARKS						
1	03/22/22	Revisioin #1 - County and Utility Comments						
	04/29/22	Issued for Bid						

CONTRACT DATE: 10.05.21 BUILDING TYPE: END. MED20 MARCH 2021 PLAN VERSION: BRAND DESIGNER: DICKSON SITE NUMBER: 315289 STORE NUMBER: 456917 PA/PM: DRAWN BY.: JOB NO.: 2021088.41

TACO BELL

2

5964 West Modglin Dr. Greenfield, IN 46140



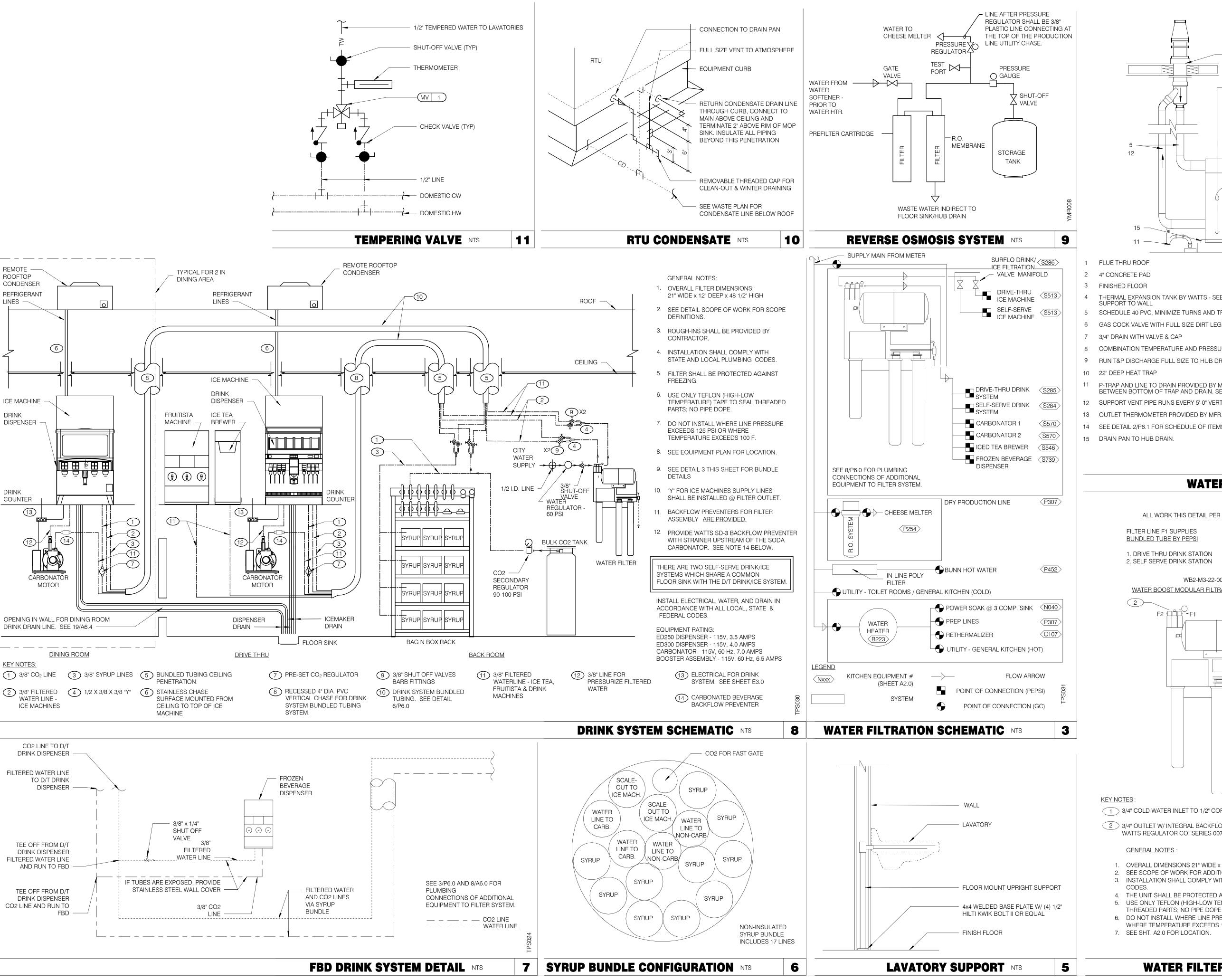
**ENDEAVOR 2.0 RISER DIAGRAMS** 

GAS ISOMETRIC NTS

7" W.C. GAS

METER BY LOCAL

KEYNOTES - ISOMETRICS NTS



CAUTION: IF THIS SHEET IS NOT 22"x34" IT IS A REDUCED PRINT SERVICE CLEARANCES SIDES FRONT \_1-1/4"

- THERMAL EXPANSION TANK BY WATTS SEE PLUMBING SCHEDULE STRAP AND
- SCHEDULE 40 PVC, MINIMIZE TURNS AND TRANSITIONS.
- 3/4" DRAIN WITH VALVE & CAP
- COMBINATION TEMPERATURE AND PRESSURE RELIEF PER LOCAL CODE
- 9 RUN T&P DISCHARGE FULL SIZE TO HUB DRAIN
- 11 P-TRAP AND LINE TO DRAIN PROVIDED BY MANUFACTURER. LEAVE AIR GAP BETWEEN BOTTOM OF TRAP AND DRAIN. SEE DETAIL 4/P2.0
- SUPPORT VENT PIPE RUNS EVERY 5'-0" VERTICALLY AND EVERY 3'-0" HORIZONTALLY.
- 13 OUTLET THERMOMETER PROVIDED BY MFR. LOCATE WITHIN 12" OF W.H. OUTLET.
- 14 SEE DETAIL 2/P6.1 FOR SCHEDULE OF ITEMS PROVIDED BY W.H. MFR.
- 15 DRAIN PAN TO HUB DRAIN.

### WATER HEATER NTS

ALL WORK THIS DETAIL PER DETAILS 6, 11 & 12/P6.0

FILTER LINE F1 SUPPLIES FILTER LINE F2 SUPPLIES **BUNDLED TUBE BY PEPSI BUNDLED TUBE BY PEPSI** 

1. DRIVE THRU DRINK STATION 2. SELF SERVE DRINK STATION

1. ICE MACHINES

WB2-M3-22-003

WATER BOOST MODULAR FILTRATION (WBMF) SYSTEM

- 1 3/4" COLD WATER INLET TO 1/2" COPPER LINE AND FITTINGS AT FILTER.
- 2 3/4" OUTLET W/ INTEGRAL BACKFLOW PREVENTER, EQUAL TO WATTS REGULATOR CO. SERIES 007 AND SERVICE BALL VALVE.

### GENERAL NOTES

- 1. OVERALL DIMENSIONS 21" WIDE x 12" DEEP x 48 1/2" HIGH
- SEE SCOPE OF WORK FOR ADDITIONAL INFORMATION.
- 3. INSTALLATION SHALL COMPLY WITH STATE AND LOCAL PLUMBING
- 4. THE UNIT SHALL BE PROTECTED AGAINST FREEZING.
- 5. USE ONLY TEFLON (HIGH-LOW TEMPERATURE) TAPE TO SEAL
- THREADED PARTS; NO PIPE DOPE 6. DO NOT INSTALL WHERE LINE PRESSURE EXCEEDS 125 PSI OR
- WHERE TEMPERATURE EXCEEDS 100 F. 7. SEE SHT. A2.0 FOR LOCATION.

WATER FILTER SYSTEM NTS

456917 STORE NUMBER: PA/PM:

03/22/22 | Revisioin #1 -

04/29/22 Issued for Bid

Comments

END. MED20

MARCH 2021

DICKSON

2021088.41

315289

**GPD GROUP, INC.** 

520 S. MAIN STREET, SUIT 2531

330.572.2100 FAX: 330.572.2102

DRAWN BY.

**CONTRACT DATE:** 

BUILDING TYPE:

PLAN VERSION:

SITE NUMBER:

**BRAND DESIGNER:** 

TACO BELL

5964 West Modglin Dr. Greenfield, IN 46140



**ENDEAVOR 2.0 PLUMBING DETAILS** 



1" C. - (2) #8, #8 GRD. (TYP. FOR ENTIRE CIRCUIT.)

REFER TO LIGHTING FIXTURE SCHEDULE ON E4.0 FOR

ADDITIONAL INFORMATION ON LIGHTING FIXTURES. (TYPICAL) DIGITAL MENU BOARD. REFER TO CONDUIT SCHEDULE FOR CONDUIT SIZE AND QUANTITY. PROVIDE (2) #8AWG., #8 GND. IN

1"C. REFER TO CIVIL DRAWINGS.

4 LED PYLON SIGN.

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

PROVIDE SEPARATE 2" TELEPHONE AND CABLE (HIGH SPEED INCLUDED) CONDUITS TO CONNECTION ON SITE. REFER TO CIVIL SHEETS FOR LOCATION AND ROUTING. VERIFY AND COORDINATE ALL REQUIREMENTS WITH UTILITY CO.

7 SPEAKER POST AND CANOPY. REFER TO CONDUIT SCHEDULE FOR CONDUIT SIZE AND QUANTITY.

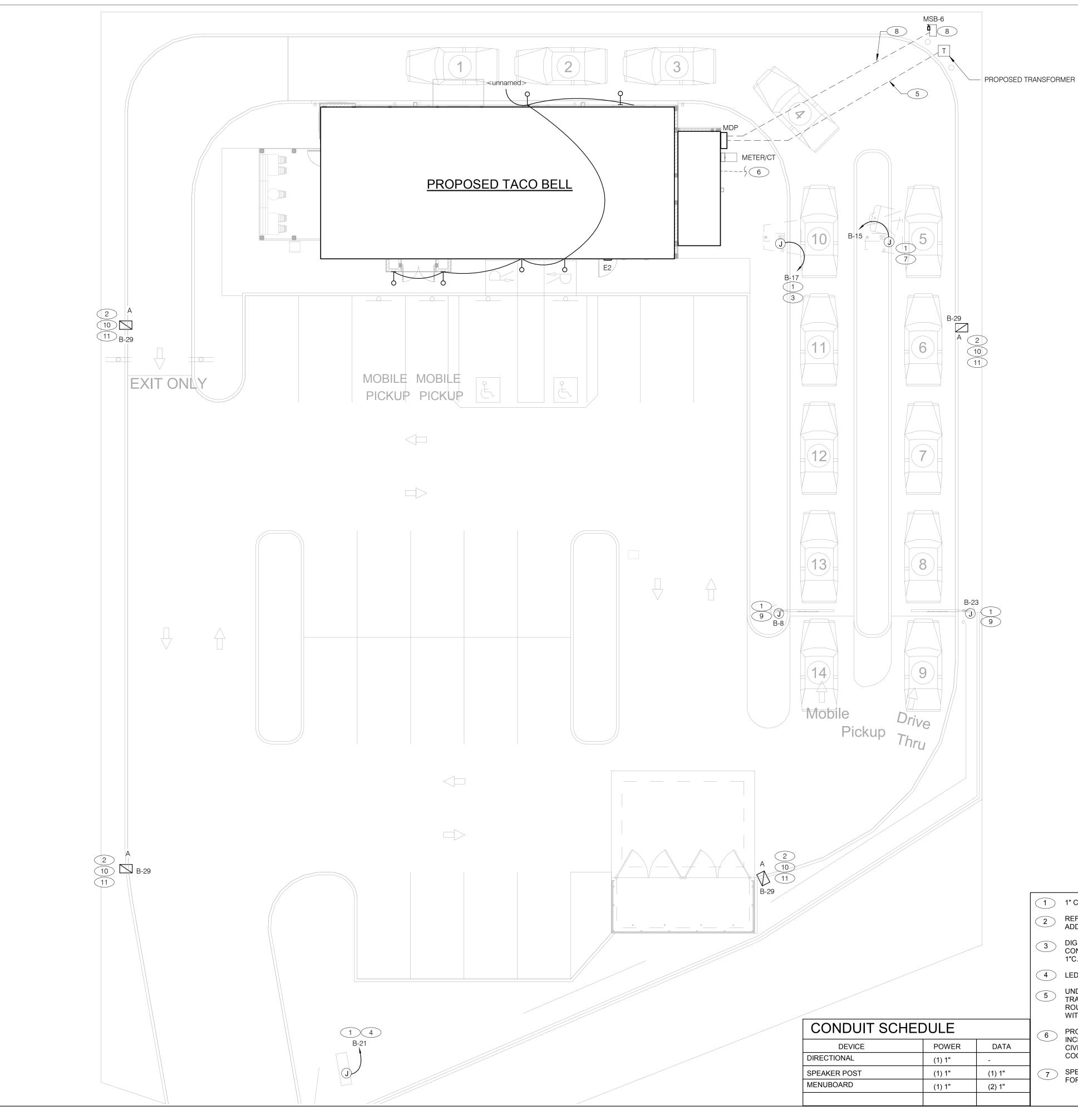
8	PROVIDE POWER TO PUMP HOUSE T60 ALARM PANEL. PROVIDE 30A/240V/2P/NF DISCONNECT SWITCH PER MANUFACTURER'S SPECIFICATIONS. PROVIDE (3) #10, (1)#8 G. IN 3/4" CONDUIT. MOUNT PANEL AND DISCONNECT SWITCH ON 'H' FRAME STRUCTURE. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION. EQUIPMENT/PANEL REQUIRES A BUCK BOOSTER @208V. E.C. SHALL PROVIDE A BUCK BOOSTER IN ACCORDANCE WITH MANUFACTURER'S SPCIFCATIONS. E.C. SHALL COORDINATE EXACT LOCATION AND REQUIREMENTS OF ALTERNATING
	ALARM PANEL WITH PANEL EQUIPMENT VENDOR AND

9 CLEARANCE BAR. REFER TO CIVIL DRAWINGS. 10 LED SITE LIGHTING. REFER TO PHOTOMETRIC DRAWING FOR ADDITIONAL INFORMATION.

11 1" C. - (2) #8, #8 GND.

CONSTRUCTION SUPERVISOR PRIOR TO ROUGH IN.

**ELECTRICAL SITE PLAN - Greenfield** 1" = 10'-0"



BUILDING TYPE: END. MED20 PLAN VERSION: MARCH 2021 BRAND DESIGNER: DICKSON SITE NUMBER: STORE NUMBER: PA/PM: DRAWN BY.:

TACO BELL

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5964 West Modglin Dr. Greenfield, IN 46140

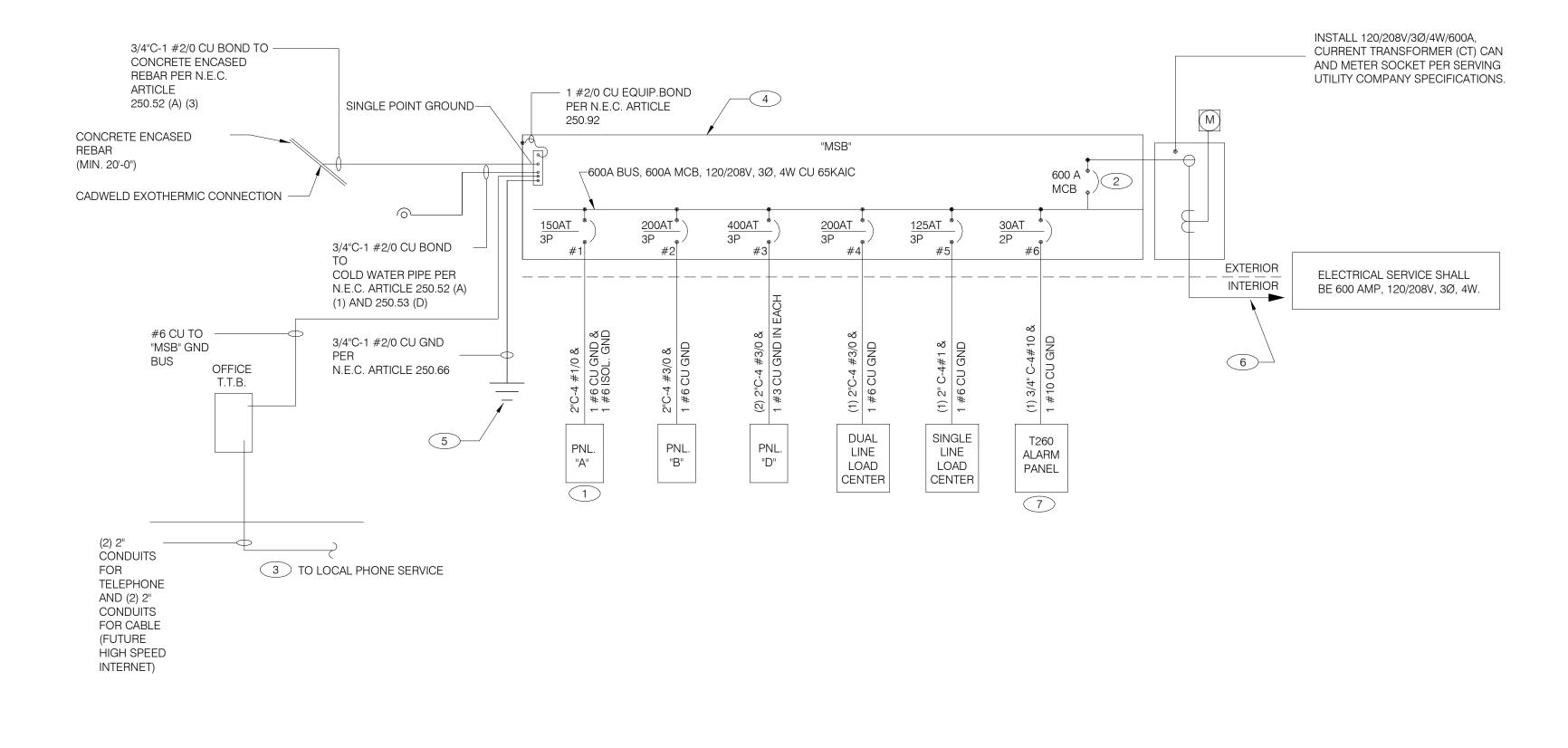


**ENDEAVOR 2.0** SITE **ELECTRICAL PLAN** 

PLOT DATE: 4/28/2022 8:36:26 AM



520 S. MAIN STREET, SUIT 2531 330.572.2100 FAX: 330.572.2102



CONTRACT DATE: 10.05.2	1
BUILDING TYPE: END. MED2	0
PLAN VERSION: MARCH 202	1
BRAND DESIGNER: DICKSO	V
IGLE SITE NUMBER: 31528	9

STORE NUMBER:

PA/PM:

DRAWN BY.:

1 03/22/22 Revisioin #1 -

County and Utility Comments

456917

1 WIRE ISOLATED GROUND TO ISOLATION GROUND BUS IN PANEL AND LAND ISOLATED GROUND TO SING POINT GROUND. "DO NOT COMBINE COMMON GND TO ISOLATED GROUND". REF DETAIL 6/E3.1.

SINGLE LINE DIAGRAM NTS

2 PROVIDE 100% RATED MAIN CIRCUIT BREAKER IN MDP.

PROVIDE 2" CONDUIT STUBBED INTO BUILDING FROM LATERAL POLE FOR TELEPHONE AND 2" CONDUIT FOR FUTURE HIGH SPEED CABLE.

VERIFY AVAILABLE FAULT CURRENT AT SERVICE ENTRANCE WITH THE UTILITY COMPANY. IF THE AIC RATING AS INDICATED IS NOT SUFFICIENT, CONTACT PROJECT MANAGER AND ENGINEER PRIOR TO BID/PRICING TO UPDATE EQUIPMENT RATING.

(3) 5/8" DIA. x 10'-0" COPPER CLAD GROUND RODS. INSTALL 10'-0" APART AND CONNECT GROUND SYSTEM PER N.E.C. ARTICLE 250

6 PROVIDE UNDERGROUND SERVICE LATERAL TO UTILITY TRANSFORMER PER SERVING UTILITY COMPANY SPECIFICATIONS. 4#350 KCMIL CU. IN EACH OF (2) 3"C. TO PAD MOUNT TRANSFORMER. GC/ELECT. CONTRACTOR SHALL COORDINATE SERVICE POLES PER LOCAL UTILITY CODE. IF ALUMINUM CONDUCTORS ARE USED PROVIDE 4#500 KCMIL IN EACH (2) 3-1/2"C.

7 PROVIDE POWER TO EXTERIOR ALARM PANEL FOR PUMP HOUSE. PANEL REQUIRES BUCK BOOSTER TRANSFORMER IF ONLY 208V IS AVAILABLE. REFER TO POWER DRAWINGS FOR ADDITIONAL INFORMATION.

NO.:	2021088.41
TACO	BELL

5964 West Modglin Dr. Greenfield, IN 46140



**ENDEAVOR 2.0 ELECTRICAL** ONE LINE **DIAGRAMS AND LEGEND** 

	2X4 LED FIXTURE	NL	NIGHTLIGHT		FUSIBLE DISCONNECT SWITCH WITH STARTER
		S	CEILING MOUNTED SPEAKER		FUSIBLE DISCONNECT SWITCH
	2X4 LED FIXTURE WITH BATTERY PACK	S	WALL MOUNTED SPEAKER	<u> </u>	NON-FUSIBLE DISCONNECT SWITCH
		$\bigcirc$	JUNCTION BOX		NON I COIDEE DIOCONNECT OWNOT
	1X4 LED FIXTURE	-(J)-	WALL MOUNTED JUNCTION BOX	PC	PHOTOCELL
	AVALED FIVELIDE	◀	TELEPHONE OUTLET	RS	RAIN SENSOR
	1X4 LED FIXTURE WITH BATTERY PACK	<del>-</del>	DEDICATED GROUNDED OUTLET		LED WALL MOUNT FIXTURE
	DOWNII IOLIT FIVTI IDE	$\Leftrightarrow$	DUPLEX GROUNDED OUTLET	A A	EMEDOENOVIJOUT
$\bigcirc$	DOWNLIGHT FIXTURE	<del></del>	DOUBLE DUPLEX GROUNDED OUTLET		EMERGENCY LIGHT
$\oplus$	SUSPENDED DOWNLIGHT FIXTURE	<del></del>	GROUND FAULT DUPLEX OUTLET	Ġ	SINGLE POLE, SINGLE THROW
(©)	PENDANT MOUNTED LIGHT FIXTURE	lacktriangle	GROUND FAULT DUPLEX W/ BOTT. HALF SWITCHED	S OS	TOGGLE SWITCH SINGLE POLE, SINGLE THROW
		$\ominus$	GROUND FAULT DEDICATED OUTLET	SP	TOGGLE SWITCH W/ PILOT LIGHT
	TRACK MOUNTED PENDANT LIGHT FIXTURE	$\ominus$	CEILING DUPLEX OUTLET	, S	
			DUPLEX ISOLATED GROUND OUTLET	Sos	WALL MOUNTED OCCUPANCY SENSOR
	COOLER FIXTURE	-	DOUBLE DUPLEX ISOLATED GROUND OUTLET	R	RELAY
	EXIT SIGN (WALL MOUNTED)	lacktriangle	DEDICATED ISOLATED GROUND		
	,		SPECIAL PURPOSE OUTLET		CONDUIT RUN, UNDERGROUND
$\bigotimes$	EXIT SIGN (CEILING MOUNTED)		CEILING SPECIAL PURPOSE OUTLET		SMOKE DETECTOR
	SECURITY STROBE		ELECTRICAL PANEL. SEE SHEET E2.1 FOR PANEL SCHED.		EXTERIOR WALL FIXTURE
	ozoonin omosz		HOLD UP EMERGENCY BUTTON	<u> </u>	
		0	ELECTRICAL MOTOR	H	EXTERIOR DECORATIVE WALL FIXTURE
		[SD]	DUCT MOUNTED SMOKE DETECTOR	1	EXTERIOR DECORATIVE WALL FIXTURE
		[C]	CONNECTION TO EQUIPMENT	WPG	WEATHERPROOF GROUND FAULT
				ELECTRIC	AL LEGEND NTS D

SEE SCOPE OF WORK FOR DETAILS REGARDING OWNER SUPPLIED AND/OR INSTALLED PRODUCTS. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL OTHER ASPECTS OF THE PROJECT IF UTILITY COMPANY PROPOSES A SERVICE DIFFERENT FROM THAT ILLUSTRATED, CONTACT THE CONSTRUCTION ENGINEER FOR A DECISION BEFORE PROCEEDING. COORDINATE AVAILABLE SHORT CIRCUIT CURRENT W/ LOCAL UTILITY AND PROVIDE CIRCUIT BREAKERS W/ SUFFICIENT INTERRUPTING CAPACITY. COORDINATE CT METERING COMPARTMENT SIZE WITH LOCAL UTILITY COMPANY, THE LOCAL ELECTRICAL INSPECTOR AND THE INDIANA ELECTRICAL CODE TO MEET ALL REQUIREMENTS BEFORE PURCHASE AND INSTALLATION. NEW METER BY LOCAL UTILITY COMPANY. 5. ALL WIRING SHOWN SHALL BE COPPER TYPE "THHN/THWN" EXCEPT FEEDERS FROM UTILITY TRANSFORMER TO SWITCH BOARD MAY BE ALUMINUM. ARMOR CABLE ACCEPTABLE FOR THE LAST 6'-0" FROM A JUNCTION BOX TO LIGHT FIXTURES. ARMOR CABLE IS NOT ALLOWED FOR NON-ACCESSIBLE FLOORS, WALLS AND CEILINGS.

THERE SHALL BE U.L. LISTED SERIES RATING BETWEEN CKT. BREAKERS LOCATED AT THE

SERVICE ENTRANCE AND DOWNSTREAM 22K A.I.C. RATED CIRCUIT BREAKERS AT PANEL "D."

DISTRIBUTION PANEL AND THE DOWNSTREAM 10k A.I.C. RATED CIRCUIT BREAKERS AT PANELS "A", "B"

DUAL-LINE EQUIPMENT CABINET BASED ON THE MAXIMUM FAULT CURRENT AS DETERMINED AT THE

ONE LINE DIAGRAM GENERAL NOTES NTS

C

ONE LINE DIAGRAM KEY NOTES NTS

			Panel: B  Location: Supply From: MSB  Mounting: Recessed Enclosure: Type 1				Volts: Phases: Wires:		s Wye			Mains Type Mains Rating	A.I.C. Rating: SERIES Mains Type: M.L.O. Mains Rating: 200 A MCB Rating: N/A	
	Notes:													
	NOTES	СКТ	Load Name	Trip	Poles		Ą	E	В		C	Poles	Trip	Load Name
_		1	DINING LTS	20 A	1	508 VA	1500					1	20 A	EXTERIOR SIGNAGE
2	)	3	EXTERIOR SCONCE LTS.	20 A	1			360 VA	216 VA			1	20 A	UTILITY RECEPT
		5	KITCHEN/ BOH/ RESTROOM LTS	20 A	1					1252	91 VA	1	20 A	EMERGENCY LTS INT/EXT, E
		7	LTG - SHOW WINDOW	20 A	1	600 VA	500 VA					1	20 A	CLEARANCE BAR
		9	LTG - SHOW WINDOW	20 A	1			600 VA	500 VA			1	20 A	TBCCB
		11	LTG - COOLER & FREEZER	20 A	1					800 VA	500 VA	1	20 A	E1AN TBANS
2		13	PATIO LIGHTING	20 A	1	27 VA	500 VA					1	20 A	BUILDING SIGN
2		15	DIGITAL MENU BOARD/SPEAKER POST	20 A	1			360 VA	0 VA			1	20 A	Spare
2		17	SPEAKER POST	20 A	1					500 VA	0 VA	1	20 A	Spare

Total Load: 4956 VA

42 A

Total Amps:

	'	DIMINGER	207	'	300 VA	1000						207	EXTERIOR GIGINAGE		Į.	A.
2	3	EXTERIOR SCONCE LTS.	20 A	1			360 VA	216 VA			1	20 A	UTILITY RECEPT	4	GFCI	
	5	KITCHEN/ BOH/ RESTROOM LTS	20 A	1					1252	91 VA	1	20 A	EMERGENCY LTS INT/EXT, EXIT SIGNS	6		
	7	LTG - SHOW WINDOW	20 A	1	600 VA	500 VA					1	20 A	CLEARANCE BAR	8		
	9	LTG - SHOW WINDOW	20 A	1			600 VA	500 VA			1	20 A	TBCCB	10		_
_	11	LTG - COOLER & FREEZER	20 A	1					800 VA	500 VA	1	20 A	E1AN TBANS	12	(	
2	13	PATIO LIGHTING	20 A	1	27 VA	500 VA					1	20 A	BUILDING SIGN	14		
2	15	DIGITAL MENU BOARD/SPEAKER POST	20 A	1			360 VA	0 VA			1	20 A	Spare	16		_
2	17	SPEAKER POST	20 A	1					500 VA	0 VA	1	20 A	Spare	18		
2	19	CANOPY LIGHTING	20 A	1	200 VA	0 VA					1	20 A	Spare	20		
2	21	LTG - PYLON SIGN	20 A	1			500 VA	0 VA			1	20 A	Spare	22		
(2)	23	CLEARANCE BAR	20 A	1					500 VA	0 VA	1	20 A	Spare	24		
(2)	25	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	26		
	27	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	28		
(2)	29	LTG - SITE LIGHTING	20 A	1					1580	0 VA	1	20 A	Spare	30		
2	31	EF-1	20 A	1	1120	0 VA					1	20 A	Spare	32		
2	33	EF-2	20 A	1			660 VA	1500			1	20 A	PURPLE WALLWASH LIGHTS	34		
	35	Spare	20 A	1					0 VA	1500	1	20 A	PURPLE WALLWASH LIGHTS	36		
	37	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	38	GFCI	
	39	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	40	GFCI	
		_														

Legend:

41 Spare

Connected Load **Demand Factor Estimated Demand** Panel Totals Load Classification 830 VA 100.00% 830 VA Total Conn. Load: 16374 VA 3360 VA 100.00% 3360 VA Lighting 8988 VA 125.00% 11235 VA Total Est. Demand: 18621 VA 1780 VA 100.00% 1780 VA **Total Conn. Current:** 45 A Receptacle 1416 VA 100.00% 1416 VA **Total Est. Demand Current:** 52 A

39 A

CIRCUIT BREAKER/MISC. ACC. ABBREVIATIONS:

GF - GROUND FAULT CIRCUIT INTERRUPTER AF - ARC-FAULT CIRCUIT INTERRUPTER ST - SHUNT TRIP HL-ON - HANDLE-LOCK ON DEVICE HL-OFF - HANDLE-LOCK OFF DEVICE EPD - EQUIPMENT PROTECTION DEVICE IG - ISOLATED GROUND

0 VA 0 VA 1 20 A Spare

6723 VA

56 A

Panel: A

Enclosure: Type 1

Location:

Volts: 120/208 Wye Supply From: MSB Phases: 3 Mounting: Recessed Wires: 4

20 A 1

Total Load: 7993 VA

Total Amps: 67 A

A.I.C. Rating: SERIES Mains Type: M.L.O. Mains Rating: 150 A MCB Rating: N/A

PROVIDE ISOLATED GROUND BAR

	NOTES	СКТ	Load Name	Trip	Poles		4		3		С	Poles	Trip	Load Name	СКТ	NOTES
(1)		1	P-417 TIMER	20 A	1	180 VA	300 VA					1	20 A	F-040 OFFICE COMPUTER	2	IG
	GF	3	S-546 ICED TEA	20 A	1			480 VA	720 VA			1	20 A	DRIVE THRU POS/ORDER ENTRY 1	4	
1		5	OFFICE QUAD RECEPTACLE	20 A	1					180 VA	480 VA	1	20 A	S-546 BREWER	6	GF
		7	J-BOX SECURITY SYSTEM / DVR	20 A	1	1180	180 VA					1	20 A	U-011	8	
		9	S-026 HEAT CABINET	20 A	1			1800	540 VA			1	20 A	RECEPTACLES - OFFICE	10	
	IG	11	U-050 CREDIT CARD SAT. ROUTER JUNC.	20 A	1					860 VA	648 VA	1	20 A	S-204 D/T TIMING SYSTEM	12	
		13	F-090	20 A	1	1540	1140					1	20 A	R-009 FULL HEIGHT FREEZER	14	GF
	GF	15	BEVERAGE DISPENSER D/T	15 A	1			1428	2013			2	20 A	P-452 HOT WATER SYSTEM	16	
		17	P-452 HOT WATER SYSTEM	30 A	2					2013	2013		30 A	F-432 HOT WATER STSTEM	18	
		19	F-432 HOT WATER STSTEM	30 A		2013	240 VA					1	20 A	C-107 RETHERMALIZER	20	GF
		21	SECURITY CAMERA POWER	20 A	1			600 VA	0 VA			1	0 A	SHUNT TRIP SPACE	22	ST
3	GF	23	C-026 FRYER	20 A	1					972 VA	100 VA	1	15 A	C-400 COOK TIMER	24	
	ST	25	SHUNT TRIP SPACE	0 A	1	0 VA	500 VA					1	20 A	INTERIOR DIGITAL MENUBOARD	26	
		27	Spare	20 A	1			0 VA	500 VA			1	20 A	OCB SWITCH	28	
		29	DINING POS ENTRY 2	20 A	1					680 VA	1800	1	20 A	L-045 WARMER	30	GF
	IG	31	DRIVE THRU MONITORS	20 A	1	180 VA	360 VA					1	20 A	SAFE W/TOUCHSCREEN CONTROLS	32	
		33	RECIRCULATION PUMP	20 A	1			200 VA	1180			1	20 A	DINING POS ENTRY 1	34	IG
	IG	35	KIOSK POWER - FRONT COUNTER	20 A	1					200 VA	700 VA	1	20 A	AUTO FAUCET POWER	36	
		37	MAINTENANCE RECEPTACLE	20 A	1	180 VA	0 VA					1	20 A	Spare	38	

Legend:

39 Spare

41 Spare

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel	Totals
Power	22724 VA	100.00%	22724 VA		
Receptacle	2808 VA	100.00%	2808 VA	Total Conn. Load:	28100 VA
				Total Est. Demand:	28100 VA
				Total Conn. Current:	78 A
				Total Est. Demand Current:	78 A

0 VA | 0 VA

9461 VA

81 A

CKT NOTES

42

CIRCUIT BREAKER/MISC. ACC. ABBREVIATIONS:

GF - GROUND FAULT CIRCUIT INTERRUPTER AF - ARC-FAULT CIRCUIT INTERRUPTER ST - SHUNT TRIP

HL-ON - HANDLE-LOCK ON DEVICE HL-OFF - HANDLE-LOCK OFF DEVICE EPD - EQUIPMENT PROTECTION DEVICE

IG - ISOLATED GROUND

1 20 A Spare

0 VA | 0 VA | 1 | 20 A | Spare

10646 VA

91 A

NOTE PARKING LOT LIGHTING AND SIGNAGE SHALL PASS THROUGH TBCCB

### 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) 1"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.

40

42

### **KEY NOTES:**

1 PROVIDE LOCK-ON BREAKER.

2 CIRCUITS TO BE WIRED THROUGH COMBINED CONTROL BOX CONTACTOR. SEE SHEETS 6.0 AND 6.1.

PROVIDE GFI BREAKER. CIRCUIT TO BE WIRED THROUGH TBANS. SEE SHEETS E7.0 AND E7.1.

GPD GROUP, INC.

520 S. MAIN STREET, SUIT 2531 AKRON, OH 44311 330.572.2100 FAX: 330.572.2102

1 03/22/22 Revisioin #1 -County and Utility Comments 04/29/22 Issued for Bid

CONTRACT DATE: BUILDING TYPE: END. MED20 PLAN VERSION: MARCH 2021 BRAND DESIGNER: DICKSON SITE NUMBER: 315289 STORE NUMBER: 456917 PA/PM: JW DRAWN BY.:

TACO BELL

2021088.41

5964 West Modglin Dr. Greenfield, IN 46140

JOB NO.:



**ENDEAVOR 2.0 ELECTRICAL SCHEDULES** 

	COMMERCIAL KITCHEN EQUIPMENT SCHEDULE																
		EQUIPMENT IDENTIFICATION	EQUIPMENT ELEC	TRICAL (	CHARAC	TERIS	TICS		EQUIPMENT CIRCUI	Т		EQU	IIPMEN	T DISCON	NET		
TAG	TYPE	EQUIPMENT NAME	V/Ph - WATTS	FLA/RLA	MCA	TIME DELAY FUSE	INVERSE-TIME BREAKER	SETS	BRANCH CIRCUIT	WIRE TYPE	CONDUIT TYPE	TYPE	SIZE	NEMA	SUPPLIED BY	INSTALLED BY	NOTES
B-223	0	B-223 WATER HEATER IGNITION	120 V/1-744 VA	6.2	7.2	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
B-381	0	CO2 CARBON DIOXIDE SENSOR / WARNING	120 V/1-156 VA	1.0	1.3	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
C-026	KR	FRYER	120 V/1-972 VA	8.1	9.8	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	1,2
C-107	0	RETHERMALIZER	120 V/1-240 VA	2.0	2.5	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	1,2
C-400	0	COOK TIMER	120 V/1-100 VA	0.3	0.4	15	15	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	15	5-15	ES	ES	2
DCL	0	DUAL COOK LINE	208 V/3-52000 VA	145	145	200	200	1	4#3/0 W/#6 G IN 2"C	CU	ST	DIRECT	200	J-BOX	ES	ES	8
E1AN	0	TBANS SHUNT PANEL	120 V/1-500 VA	6.3	7.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	DIRECT	20	1	ES	ES	8
F-040	0	OFFICE COMPUTER	120 V/1-300 VA	2.5	3.1	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
F-050	0	CREDIT CARD SATELLITE ROUTER JUNCTION	120 V/1-500 VA	4.0	5.0	20	20	1	#12 W/#12 G IN 3/4"C	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	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	CU	ST	C&P	20	5-20	ES	ES	2
IR-01	0	IRRIGATION TIMER	120 V/1-500 VA	2.0	3.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	DIRECT	20	1	ES	ES	8
L-044	KR	WARMER R TO L	120 V/1-1800 VA	16.0	16.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
L-045	KR	WARMER R TO L	120 V/1-1800 VA	16.0	16.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
N-043	KR	POWER SOAK	208 V/2-4740 VA	11.4	14.25	15	15	1	#12 W/#12 G IN 3/4"C	CU	ST	DIRECT	20	J-BOX	ES	ES	8
N-044	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	CU	ST	C&P	20	5-20	ES	ES	2
P-417	0	TIMER - 8 CHANNEL	120 V/1-180 VA	0.5	0.7	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
P-452	KR	HOT WATER SYSTEM	208 V/2-4026 VA	19.6	24.5	30	30	1	#10 W/#10 G IN 3/4"C	CU	ST	C&P	30	6-30	ES	ES	2
R-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	CU	ST	C&P	20	5-20	ES	ES	2
S-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	CU	ST	C&P	20	5-20	ES	ES	2
S-284	KM	BEVERAGE DISPENSER S/S	120 V/1-1116 VA	9.3	12	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
S-285	KM	S-284 BEVERAGE DISPENSER (D/T)	120 V/1-1428 VA	11.9	14.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
S-289	0	CREDIT CARD SATELLITE ROUTER JUNCTION	120 V/1-200 VA	4.0	5.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
S-513	KM	CARBONATOR	120 V/1-138 VA	2.3	2.9	15	15	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	15	5-15	ES	ES	2
S-540	0	PEPSI BOOSTER TANK	120 V/1-564 VA	4.7	5.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
S-544	0	ICED TEA	120 V/1-240 VA	2.0	2.5	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
S-546	0	BREWER	120 V/1-480 VA	4.0	5.0	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
S-550	0	BAG IN BOX RACK	120 V/1-564 VA	4.7	5.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
S-570	KM	CARBONATOR	120 V/1-138 VA	2.3	2.9	15	15	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	15	5-15	ES	ES	2
S-739	KM	S-739 FROZEN BEVERAGE DISPENSER	208 V/2-3120 VA	31.6	39.5	30	30	1	#10 W/#10 G IN 3/4"C	CU	ST	C&P	30	6-30	ES	ES	2
SCL	0	SINGLE COOK LINE (OPTIONAL)	208 V/3-28800 VA	80	80	125	125	1	4#1 W/#6 G IN 2"C	CU	ST	DIRECT	200	J-BOX	ES	ES	8
U-011	0	BASE STATION - D/T COMM. SYSTEM	120 V/1-180 VA	2	.24	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
U-061	0	RECIEPT PRINTER		1.5	1.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
U-062	0	DRIVE THRU CREDIT CARD READER		1.5	1.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
U-070	0	CREDIT CARD READER	120 V/1-180 VA	1.5	1.9	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
W-XX1	KM	W-075-2 WALK-IN FREEZER	208 V/3-0 VA	11.6	14.5	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	DIRECT	20	J-BOX	ES	ES	2

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. 7 - OUTLETS SUPPLIED AND INSTALLED BY ES. CONDUIT & WIRING PROVIDED 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.

8 - HARDWIRED CONNECTION BY E.C.

\*\*\*REFER TO ARCHITECTURAL EQUIPMENT SCHEDULE FOR ALL KITCHEN EQUIPMENT AND FINAL COORDINATION\*\*\*

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: N/A

HVAC

Receptacle

NOTES	CKT	Lood Name	Tuin	Delea				<b>.</b>		^	Dalas	Tuin	Load Name	CKT	NOTES
NOTES	CKI		Trip	Poles		<b>A</b>		B	,	C	Poles	Trip	Load Name		NOTES
GF	1	CARBONATOR	15 A	1	276 VA	0 VA	7441/4	1000			1	20 A	Spare	2	-
GF	3	B-223 WATER HEATER IGNITION	20 A	1			744 VA	1000	40014	2021/4	1	20 A	ALTERNATE PAYMENT ROUTER BOX	4	
	5	OC SWITCHED RECEPTACLE	20 A	1					180 VA	680 VA	1	20 A	IRRIGATION TIMER AND RECEPTACLE	6	GF
GF	7	S-540 PEPSI BOOSTER TANK	20 A	1	564 VA	500 VA					1	20 A	MUSIC SYSTEM J-BOX AND	8	
	9	RECEPTACLES - ROOF	20 A	1			540 VA	1560			2	30 A	S-739 FROZEN BEV. DISP.	10	GF
	11	CONVENIENCE RECEPTACLES	20 A	1					360 VA	1560				12	
	13	GENERAL PURPOSE RECEPTACLES	20 A	1	1440	1600					2	20 A	ICE MAKER CONDENSER D/T	14	
GF	15	DRINK FOUNTAIN - S-284 AND R-XX1	20 A	1			1254	1600				207	TOE WAREIN CONDENSER D/T	16	
	17	ICE MAKER CONDENSER	20 A	2					1600	1600	2	20 A	ICE MAKER CONDENSER	18	
	19	TICL MAKEN CONDENSER	20 A		1600	1600						20 A			
GF	21	S-550 BAG IN BOX RACK	20 A	1			564 VA	2370			2	20 A	POWER SOAK	22	GF
	23	B-381 AMPROBE CO2 MONITOR	20 A	1					156 VA	2370	7	20 A	POWER SOAR	24	GF
_	25				5040	500 VA					1	20 A	MUSIC SYSTEM (MUZAK)	26	
	27	RTU-1	50 A	3			5040	1200						28	
	29								5040	1200	3	15 A	WALK-IN COOLER	30	
	31				5040	1200								32	1
	33	RTU-2	90 A	3			5040	1393						34	
	35								5040	1393	3	20 A	WALK-IN FREEZER	36	-
	37	Spare	20 A	1	0 VA	1393								38	-
	39	Spare	20 A	1			0 VA	0 VA			1	20 A Spare		40	
	41	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	42	
	•		Tot	al Load:	2075	3 VA	2230	)5 VA	2117	79 VA					
				al Amps:	17	3 A	18	6 A	17	7 A	_				
	Leg	end:													
I oad Cl	oad Classification		Connected Load			Demand Factor			Estimated Demand				Panel Totals		
Load Classification				_544	501			Lotti	.acca De	u.iu		i diloi i otalo			

100.00%

100.00%

100.00%

4928 VA

30240 VA

2300 VA

4928 VA

30240 VA

2300 VA

Total Conn. Load: 64237 VA

Total Est. Demand: 60951 VA

Total Conn. Current: 178 A

Total Est. Demand Current: 169 A

CIRCUIT BREAKER/MISC. ACC. ABBREVIATIONS:

GF - GROUND FAULT CIRCUIT INTERRUPTER AF - ARC-FAULT CIRCUIT INTERRUPTER ST - SHUNT TRIP HL-ON - HANDLE-LOCK ON DEVICE HL-OFF - HANDLE-LOCK OFF DEVICE EPD - EQUIPMENT PROTECTION DEVICE IG - ISOLATED GROUND

520 S. MAIN STREET, SUIT 2531 AKRON, OH 44311 330.572.2100 FAX: 330.572.2102

	DATE	REMARKS
1	03/22/22	Revisioin #1 - County and Utility Comments
	04/29/22	Issued for Bid

CONTRACT DATE: 10.05.21 BUILDING TYPE: END. MED20 PLAN VERSION: MARCH 2021 BRAND DESIGNER: DICKSON SITE NUMBER: STORE NUMBER: 456917 PA/PM: DRAWN BY.: 2021088.41

TACO BELL

5964 West Modglin Dr. Greenfield, IN 46140

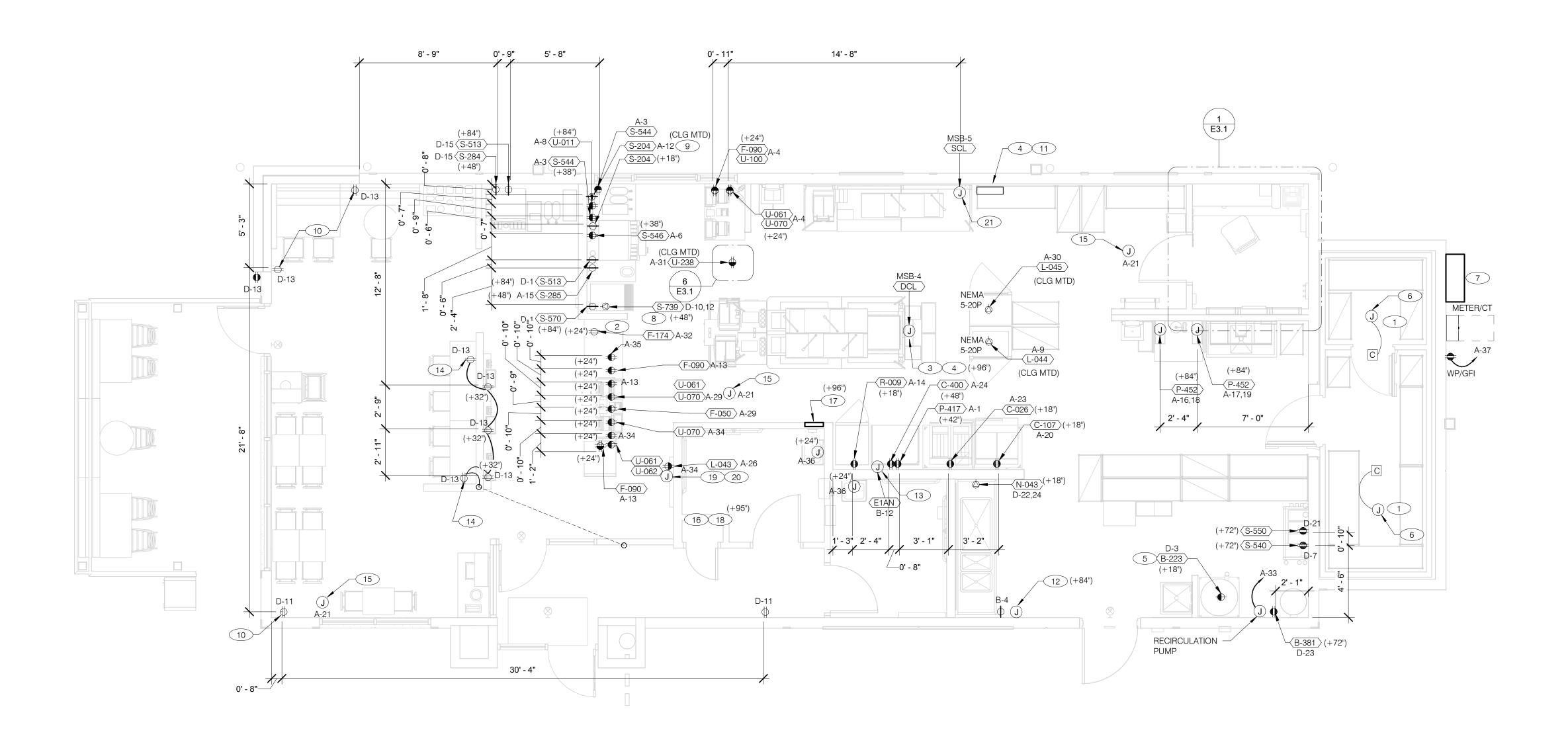


**ENDEAVOR 2.0 ELECTRICAL SCHEDULES** 

PLOT DATE: 4/28/2022 8:36:33 AM



520 S. MAIN STREET, SUIT 2531 330.572.2100 FAX: 330.572.2102



RECEPTACLE NOTE:

ALL RECEPTACLES IN PUBLIC AREAS SHALL BE TAMPER RESISTANT.

<u>NOTE</u>

5mA GFCI BREAKERS <u>MUST</u> BE USED WHERE OUTLETS REQUIRING GFCI PROTECTION ARE NOT ACCESSIBLE FOR COMPLIANCE WITH NEC 210.8. WHERE GFCI PROTECTION AND SHUNT TRIP IS REQUIRED. THE CIRCUIT SHALL HAVE A GFCI BREAKER AND PASS THROUGH THE TBANS PANEL.REFER TO DETAILS IN E7.0 AND E7.1.



ALL DIMENSIONS TO J-BOXES ARE FROM FACE OF STUD TO CENTER OF BOX,

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

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

CONTRACTOR SHALL VERIFY UNDERGROUND CONDUIT LOCATIONS PRIOR TO POURING SLAB.

- 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 CORRECTNESS OF ANY DIMENSIONS HEREIN.
- LOCATIONS OF ALL OUTLETS MAY BE RELOCATED TO NEAREST STUD. DO <u>NOT</u> CUT INTO STUDS.
- 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.
- 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.

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 INDIANA ELECTRICAL CODE 2009, ALL 125V, SINGLE PHASE, 15 AND 20 AMPERE RECETPACLES INSTALLED IN BATHROOMS, KITCHENS, ROOFTOPS, OUTDOORS AND SINKS SHALL HAVE GROUND FAULT CIRCUIT INTERRUPTER PROTECTION FOR PERSONNEL.

DO NOT MEASURE/LOCATE OUTLETS ON DRAWINGS. USE DIMENSIONS PROVIDED.

CONDUIT MAY RUN UNDER SLAB AT G.C.'S DISCRETION.

CONCEALED O.N.U.

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.

ARMOR CABLE (BX) ALLOWED WHERE ACCEPTABLE BY CODE. ALL WIRE SHALL BE

FOR 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

OUTLETS WITHIN FOH TO BE AT 18" AFF FOR ADA ACCESS.

(LARGER) SIZE SHALL BE PROVIDED.

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.

REFER TO ROOF PLAN.

2 INSTALL IN CONDUIT RUNNING ON SURFACE OF KITCHEN SIDE OF CABINETRY REAR

3 CONNECT PRODUCTION LINE CIRCUIT BREAKER PANEL VIA UTILITY CHASE IN CEILING TO A 3 POLE, 200 AMP CIRCUIT BREAKER IN MAIN SWITCHBOARD. SEE SHEET E2.0. VERIFY

PROVIDE J-BOX FOR POWER SOAK INDICATOR LIGHT. (OPTIONAL) ALL REQUIREMENTS WITH ACTUAL EQUIPMENT SPECIFIED. THE MANUFACTURER WILL FULLY PRE-WIRE THE COMPLETE MAPS LINE AT THE FACTORY. THE UNITS WILL THEN BE 13 VERIFY LOCATION OF JUNCTION BOX WITH CONSTRUCTION PULLED APART FOR SHIPPING PURPOSES. ALL CONNECTION POINTS WILL BE MARKED. THE CONDUIT RUNS WILL BE COILED UP FOR FIELD INSTALLATION. SOME ELECTRICAL COMPONENTS MAY BE REMOVED FOR EASE OF DISASSEMBLING THE LINE-UP. THE (14) E.C. SHALL PROVIDE, INSTALL AND WIRE A DUPLEX RECEPTACLE ELECTRICAL CONTRACTOR WILL BE FULLY RESPONSIBLE FOR MAKING THE PROPER FIELD CONNECTIONS FROM THE ROUGH-IN LOCATION TO THE MANUFACTURER PROVIDED BREAKER PANEL BOX. IN ADDITION, THE ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR ANY SPLICE POINTS AND/OR JUNCTION BOXES THAT NEED TO BE RECONNECTED. SOME ELECTRICAL COMPONENT ASSEMBLY MAY ALSO BE REQUIRED.

(4) EQUIPMENT CABINET.

C

5 LOCATED INSIDE SHELL OF HEATER.

(6) INSTALL CONTROL CABLE FROM FREEZER/COOLER FAN COIL TO ROOF MOUNTED

(7) LOCATE SWITCHGEAR PER GUIDELINES ON SHEET A4.1.

8 PROVIDE BOOST TRANSFORMER (208V, 1-PHASE IN, 240V, 1-PHASE OUT) FOR FROZEN BEVERAGE DISPENSER.

(9) CEILING MOUNTED FOR WALL MOUNTED HME. SEE 7/E3.1

(10) PROVIDE TAMPER RESISTANT DUPLEX RECEPTACLE WITH TWO (2) USB CHARGING PORTS.

(11) VERIFY PANEL LOCATION OF COOK LINE WITH TACO BELL CONSTRUCTION MANAGER PRIOR TO INSTALLATION.

WITH (2) USB POWER PORTS IN SINGLE-GANG BOX PROVIDED WITH TABLE, AT EACH END OF THE TABLE. PROVIDE GALVANIZED COVER PLATE TO MATCH BOX.

PROVIDE POWER FOR SECURITY CAMERAS. COORDINATE WITH CAMERA VENDOR, SECURITY, AND CONSTRUCTION SUPERVISOR PRIOR TO ROUGH-IN.

2-GANG FLUSH BOX WITH DEAD-FRONT GFCI DEVICES. MOUNT CENTER OF BOX AT 48" A.F.F.. REFER TO E7.0.

EC / GC TO INSTALL A TOTAL OF (2) QUAD OUTLETS IN (2) QUAD BOXES ON FRONT OF VALANCE WALL AS SHOWN. OUTLETS TO BE STRAIGHT BLADE. OUTLETS TO BE ON AN ISOLATED/DEDICATED GROUNDED CIRCUIT THAT IS NOT CONNECTED TO ANY RESTAURANT POWER MANAGEMENT SYSTEM.

(19) EC / GC TO INSTALL (1) OPEN DATA JUNCTION BOX (JB) IN VALANCE WALL. CONDUIT TERMINATED ABOVE CEILING TO HAVE BUSHING.

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

(20) EC / GC TO RUN (3) ORANGE CAT 6 LINES FROM NETWORK SWITCH TO DATA JUNCTION BOX. CAT6 LINES SHOULD HAVE BOTH ENDS PROPERLY TERMINATED WITH RJ-45 CONNECTORS. EXCESS CAT6 CABLE TO BE COILED INTO SERVICE LOOPS AT EACH END AND LEFT ACCESSIBLE FOR DMB INSTALL TEAM. CAT6 TO BE RUN IN ACCORDANCE WITH ALL LOCAL MUNICIPALITY CODE REQUIREMENTS.

(21) CONNECT PRODUCTION LINE CIRCUIT BREAKER PANEL VIA UTILITY CHASE IN CEILING TO A 3 POLE, 125 AMP CIRCUIT BREAKER IN MAIN SWITCHBOARD. SEE SHEET E2.0. VERIFY ALL REQUIREMENTS WITH ACTUAL EQUIPMENT SPECIFIED. THE MANUFACTURER WILL FULLY PRE-WIRE THE COMPLETE MAPS LINE AT THE FACTORY. THE UNITS WILL THEN BE PULLED APART FOR SHIPPING PURPOSES. ALL CONNECTION POINTS WILL BE MARKED. THE CONDUIT RUNS WILL BE COILED UP FOR FIELD INSTALLATION. SOME ELECTRICAL COMPONENTS MAY BE REMOVED FOR EASE OF DISASSEMBLING THE LINE-UP. THE ELECTRICA CONTRACTOR WILL BE FULLY RESPONSIBLE FOR MAKING THE PROPER FIELD CONNECTIONS FROM THE ROUGH-IN LOCATION TO THE MANUFACTURER PROVIDED BREAKER PANEL BOX. IN ADDITION, THE ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR ANY SPLICE POINTS AND/OR JUNCTION BOXES THAT NEED TO BE RECONNECTED.

SOME ELECTRICAL COMPONENT ASSEMBLY MAY ALSO BE REQUIRED.

CONTRACT DATE: BUILDING TYPE: END. MED20 MARCH 2021 PLAN VERSION: **BRAND DESIGNER:** DICKSON

1 03/22/22 Revisioin #1 -

04/29/22 | Issued for Bid

Comments

SITE NUMBER: STORE NUMBER: DRAWN BY. 2021088.41

TACO BELL

5964 West Modglin Dr.



Greenfield, IN 46140

**ENDEAVOR 2.0 ELECTRICAL POWER PLAN** 

B

GENERAL NOTES - ELECTRICAL POWER PLAN NTS

KEY NOTES - ELECTRICAL POWER PLAN NTS

520 S. MAIN STREET, SUIT 2531 330.572.2100 FAX: 330.572.2102

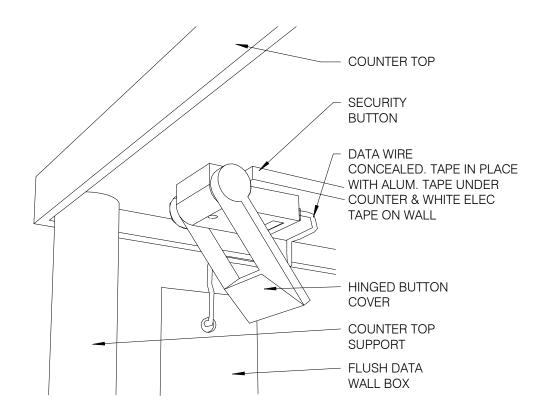
GPD GROUP, INC.

- COUNTER TOP SECURITY BUTTON DATA WIRE CONCEALED

HINGED BUTTON COVER FLUSH DATA WALL BOX

**COUNTER TOP** SUPPORT

**SECURITY BUTTON ON WALL NTS** 

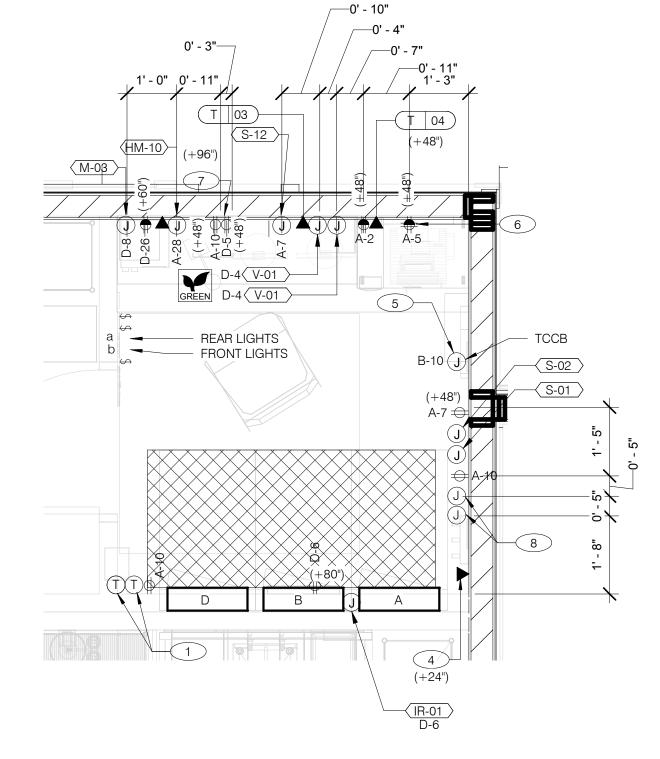


NOTE

CERTIFICATE. CONTACT <u>CERTIFY@ACE-BCX</u>.COM OR CALL

949 770 2222 FOR CERTIFICATE. SEE SHEET SW2.0

TBCCB AND TBANS REQURE VISUAL INSTALLATION VERIFICATION



**SECURITY BUTTON UNDER COUNTER NTS** 

3 NOT USED.

4 PHONE JACK FOR MODEM.

LOCATION OF TBCCB COMBINED CONTROL BOX. COORDINATE EXACT LOCATION IN THE FIELD. CONSIDER OPERATOR NEED TO ACCESS SWITCHES ON THE FRONT OF THE

6 DATA JACK FOR TECH-IN-A-BOX WITH 2 PORTS.

ENLARGED POWER AND COMMUNICATIONS PLAN (OFFICE) 1/2" = 1'-0"

7 ROUTE CIRCUIT THROUGH TBCCB OCCUPANCY SENSOR FOR CONTROLLED RECEPTACLE.

P.O.S. ISOLATED GROUND SYSTEM NTS 6 LV TRANSFORMER -SECONDARY WIRING, ISOLATED GROUND OUTLET — IG OUTLET FOR LV-FOR MONITOR TRANSFORMER FOR (CLG MT'D.) ETHERNET SWITCH LV TRANSFORMER SECONDARY WIRING,— HM 11 TO ROUTER IN 2 ISOLATED GROUND OFFICE OUTLET FOR D/T SYSTEM— WIRE MOLD TO-ABV. CLG, TYP. FOR DT └-IG OUTLET FOR FOR LV TIMER LOW VOLTAGE TRANSFORMER MONITOR HM 03 FOR HM-02 TRANSFORMER (CLG MT'D.) FOR HME CONTROL UNIT (WHICH IS LOCATED BEHIND MONITOR) —(HM | 07A) SURFACE V 02 P 04 P 07)— P 07 (HM 04)—  $(P \mid 04)$ (1) 1" DIA. CONDUIT — ISOLATED GROUND OUTLET-FOR VSAT & ALT. PAYMENT CONDUIT IN WALL (TYP.) SEE-ROUTER

SCHEDULE FOR SIZE

THE DEDICATED POS POWER CIRCUIT REQUIRES AN ISOLATED GROUND IN ADDITION TO THE NORMAL COMMON BUILDING GROUND. THE ISOLATED

\* VERIFY THAT IG RECEPTACLES PRE-WIRED IN OWNER SUPPLIED EQUIPMENT HAVE A TRUE ISOLATED GROUND THAT CAN BE TRACED BACK TO THE

DO NOT CONNECT THE ISOLATED GROUND WIRE TO THE CONDUIT, JUNCTION BOXES, THE FRAME ON A SUBPANEL, OR ANY OTHER METAL SURFACE.

(OR EQUIPMENT SERVICE

SUBPANEL

DEDICATED CIRCUITS: DEDICATED CIRCUITS REQUIRE A DEDICATED HOT AND A DEDICATED NEUTRAL THAT ARE NOT SHARED WITH ANY OTHER CIRCUITS.

ISOLATED GROUD (IG) (#6 WIRE)

MAIN SERVICE PANEL

UTILITY NEUTRAL

EARTH GROUND

THE GROUND MUST EXHIBIT THE LOWEST POSSIBLE IMPEDANCE TO MINIMIZE VOLTAGE TRANSIENTS AND NOISE.

\* RUN THE ISOLATED GROUND WIRE THROUGH THE SAME CONDUIT AS THE HOT AND NEUTRAL WIRES.

\* CONNECT THE ISOLATED GROUND WIRE TO BUILDING GROUND ONLY AT THE MAIN SERVICE PANEL.

IG RECEPTACLES MUST BE "PHASE ALIGNED" WITH THE "B" PHASE OF BUILDING SUBPANEL "A".

COMMON GROUND (EQUIPMENT GND) INSTALLED PER N.E.C.

ISOLATED GROUND (IG) (#12 WIRE)

IG RECEPTACLE

DEDICTED HOT

NOTE: IN LIEU OF GFCI OUTLETS YOU CAN USE GFCI CIRCUIT

BREAKERS TO SAVE COSTS

DEDICATED NEUTRAL

GROUND WIRE SERVES TWO PURPOSES:

\* AS A ZERO REFERENCE POINT FOR ALL POS DIGITAL LOGIC.

\* INSTALL ONLY ISOLATED GROUND (IG) TYPE RECEPTACLES.

BUILDING GROUND AT THE MAIN SERVICE PANEL.

\* USE AN INSULATED CONDUCTOR FOR THE ISOLATED GROUND WIRE.

\* AS A SAFETY PATH TO GROUND.

BE SURE TO:

IG RECEPTACLE

REFER TO COMMUNICATIONS SCHEDULE ON SHEET E5.0 FOR EQUIPMENT DESCRIPTIONS/MOUNTING HTS.

ISOLATED GROUND OUTLET-

1 THERMOSTATS CONTROLS.

2 NOT USED.

CONTROL BOX AND BUILT IN OCCUPANCY SENSOR FOR MANAGERS OFFICE.

PROVIDE BACK-BOX AND CONDUIT WITH PULLSTRING FOR REMOTE TEST STATIONS PROVIDED BY MECHANICAL. COORDINATE REQUIREMENTS WITH MECHANICAL.

CONTRACT DATE: **BUILDING TYPE:** END. MED20 PLAN VERSION: MARCH 2021 BRAND DESIGNER: DICKSON SITE NUMBER: STORE NUMBER: PA/PM:

DRAWN BY.

1 03/22/22 Revisioin #1 -

04/29/22 Issued for Bid

Comments

TACO BELL

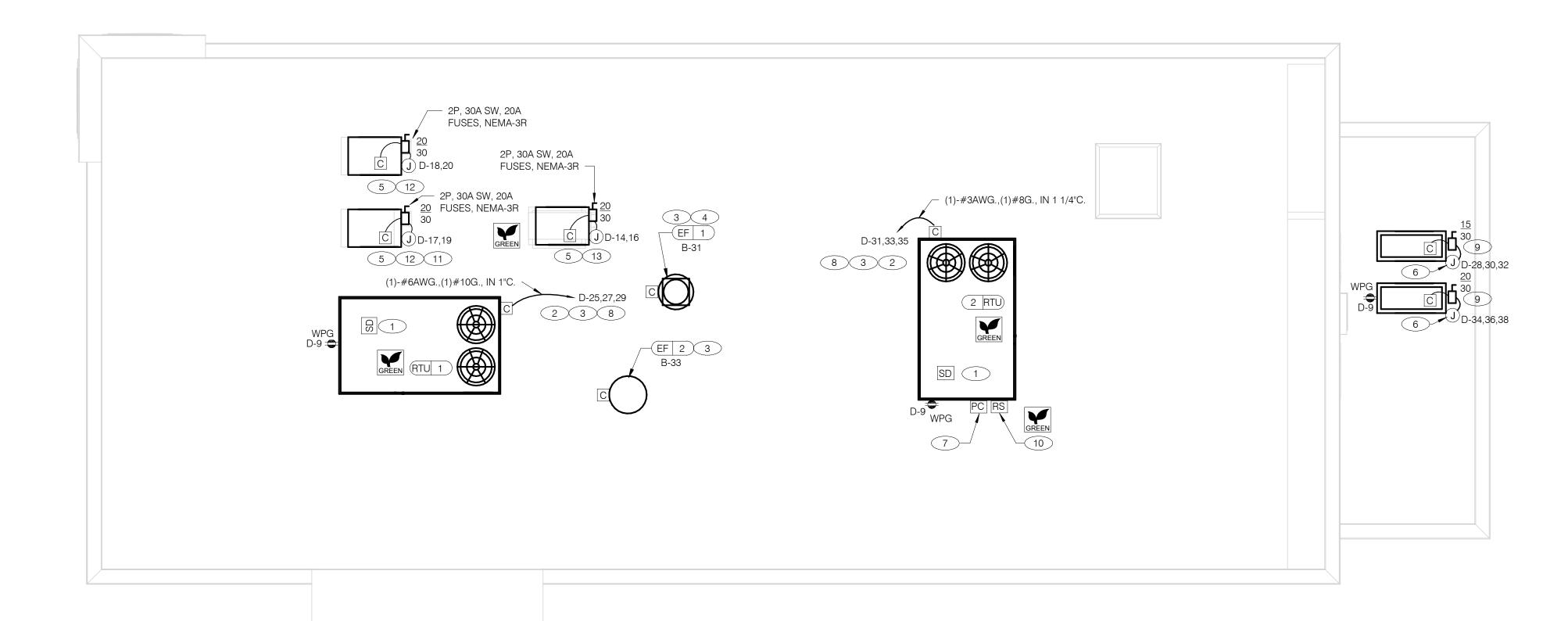
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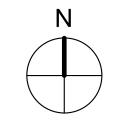
5964 West Modglin Dr. Greenfield, IN 46140



**ENDEAVOR 2.0 ENLARGED POWER PLAN AND DETAILS** 







- A. NO CONDUIT SHALL BE FASTENED DIRECTLY TO OR THROUGH ROOFING MEMBRANE.
- B. ALL CUTS IN ROOFING MEMBRANE SHALL BE MINIMAL AND IN ACCORDANCE WITH ROOFING MFR'S AND INSTALLER'S REQ'S.
- C. 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.
- H. REFER TO GENERAL NOTES SHEET E2.0 FOR IMPORTANT INFORMATION.
- I. 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.
- J. ARMOR CABLE (BX) IS ONLY TO BE ALLOWED WHERE ACCEPTABLE BY AUTHORITY HAVING

- 1 MECHANICAL CONTRACTOR SHALL PROVIDE CONNECTIONS BETWEEN RTU FACTORY SMOKE DETECTORS AND REMOTE ENNUNCIATOR, TEST AND RESET DEVICE IN MANAGER OFFICE. ELECTRICAL CONTRACTOR SHALL PROVIDE ANY NECESSARY CONDUITS FOR LOW VOLTAGE WIRING
- 2 SPECIFIED RTU IS SUPPLIED WITH UNPOWERED, WEATHERPROOF GFCI CONVIENENCE OUTLET AND FACTORY INSTALLED HACR CIRCUIT BREAKER WITH WEATHER TIGHT ENCLOSURES AND ACCESS THRU SWINGING DOOR.
- 3 POWER AND CONTROL IN FLEXIBLE WATERPROOF CONDUIT (LFMC CONDUIT) TO ENTER FROM SIDE OF THE CURB AND UP TO FACTORY PROVIDED DISCONNECT SWITCH. COORDINATE WITH MECHANICAL CONTRACTOR.
- CONNECT TO APPROPRIATE TERMINALS OF TBCCB CONTROL BOX. SEE E6.1 FOR DETAILS.
- 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.
- CONNECT TO APPROPRIATE PHOTOCELL TERMINALS OF TBCCB CONTROL BOX. SEE E6.1 FOR DETAILS.
- 8 RTU'S SHALL BE PROVIDED WITH BUILT-IN DISCONNECT AND SINGLE POINT WIRING.
- 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 INSTALL EVERYTHING AS REQUIRED.
- 10 RAIN SENSOR. —
- PIPE HOOD. SEE 9/A6.0
- 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 INSTALL.

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

13 1/2" C, WITH REQ'D CONDUCTORS TO J-BOX IN CEILING ABOVE FROZEN BEVERAGE MACHINE.

	CON	ITRACT DAT	E:	10.05.2	1
	BUIL	DING TYPE	:	END. MED20	)
	PLA	N VERSION:		MARCH 2021	ĺ
	BRA	ND DESIGN	ER:	DICKSON	ı
Λ	SITE	NUMBER:		315289	)
_	STO	RE NUMBER	₹:	456917	,
	PA/F	PM:		JW	1

DRAWN BY.:

JOB NO.:

04/29/22 Issued for Bid

County and Utility Comments

TACO BELL

2021088.41

5964 West Modglin Dr. Greenfield, IN 46140



ENDEAVOR 2.0
ELECTRICAL
POWER ROOF
PLAN

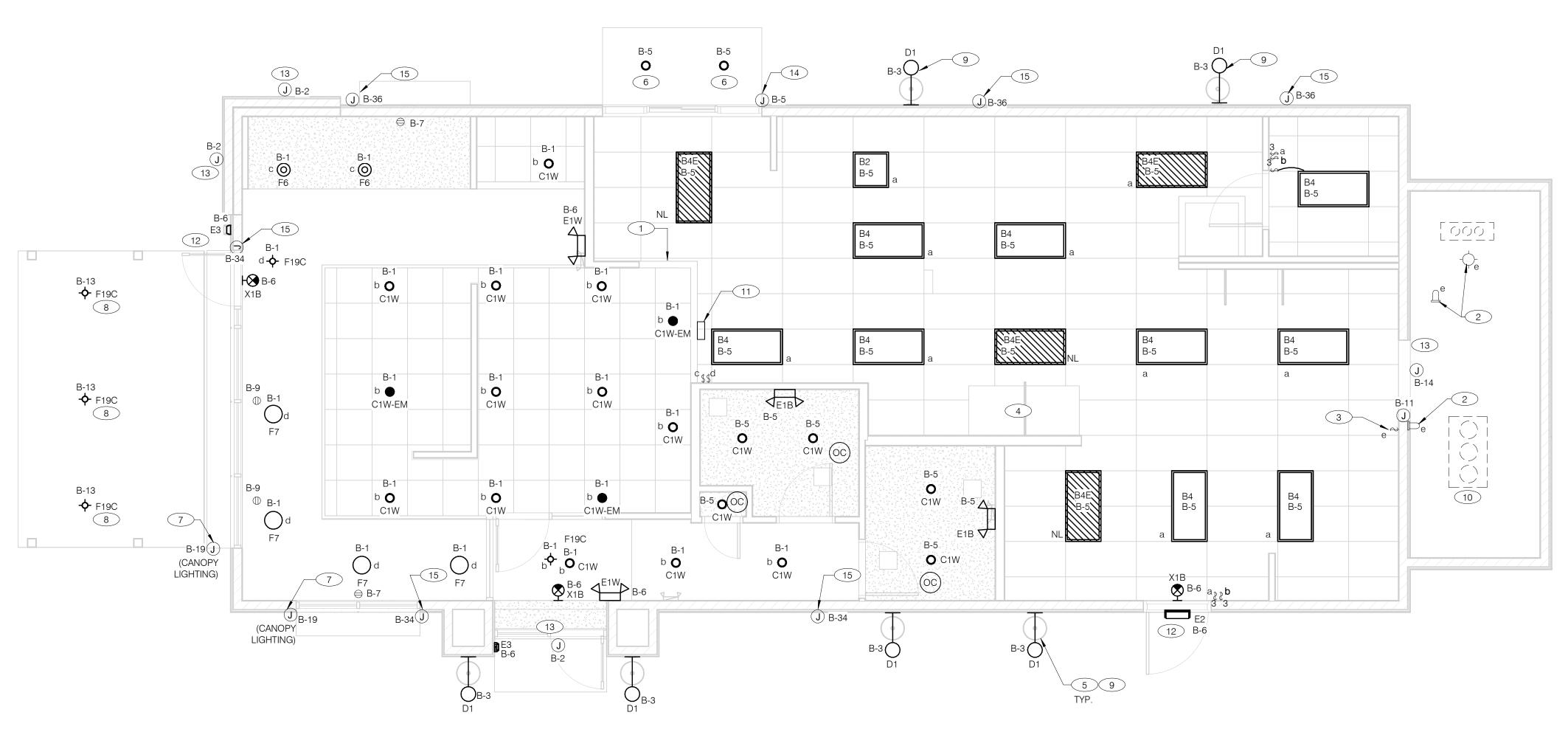
E3.2

PLOT DATE: 4/28/2022 8:36:45 AM

B

MAKE CONNECTION TO BEVERAGE MACHINE AND ASSOCIATED CONDENSING UNIT.





REMARKS

GENERAL NOTES:

CONFIRM LIGHTING FIXTURE QUANTITIES WITH SUPPLIER.

EMERGENCY AND NORMAL LIGHTING MARKED WITH "NL" SUBSCRIPT SHALL OPERATE

CONTINUOUSLY. PROVIDE <u>UNSWITCHED</u> HOT TO NORMAL AND EMERGENCY BALLAST LIGHTING SWTICH AS INDICATED. PROVIDE <u>UNSWITCHED</u> CONSTANT HOT TO EMERGENCY BALLAST

AND <u>SWITCHED</u> HOT TO NORMAL BALLAST. ALL CONDUITS ENTERING OR LEAVING COOLER/FREEZER SHALL BE PROVIDED WITH SEAL-OFF

FITTING WITH COMPOUND PER NEC 300-(7a).

ALL INTERIOR LIGHTING CIRCUITS TO BE WIRED THROUGH TBCCB. SEE E6.0 AND E6.1.

CONTRACTOR TO FIELD VERIFY CEILING TYPE AND PROVIDE PROPER MOUNTING HARDWARE. ALL FIXTURES SUPPLIED WITH LAMPS.

ALL EXTERIOR NON-EMERGENCY LIGHT FIXTURES, BUILDING SIGNS, AND EXTERIOR SIGNS SHALL BE CONTROLLED THROUGH PHOTOCELL AND LIGHTING CONTROL RELAYS. SEE E6.0 AND E6.1 FOR ADDITIONAL DETAILS.

110.	MANOLACIGINEN	TOTALOG NOMBLIN	DECOMI HON	MODIVINO	L/NVII #/ I I I L	''' <del> </del>	TEREO ANIGHE BY A	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
A	HUBBELL LIGHTING-VIPER L	VP-L-96L-395-4K7-4-UNV-A-DBT	LED POLE LIGHT		LED	2	120 V/1-395 VA	
B2	ABB	FLP22-D53W40	2X2 LED TROFFER		LED		120 V/1-45 VA	-
B4	ABB	FLP24-D53W40	2X4 LED TROFFER		LED		120 V/1-45 VA	-
B4E	ABB	FLP24-D53W40-EM	2X4 LED TROFFER		LED		120 V/1-45 VA	PROVIDE 90 MIN. BACK UP BATTERY
C1W	MAXLITE	B6IC-AT-W- LED14DR5630KB95	LED TRIM 14W 6" RECESSED 30K 80CRI WHITE TRIM, W/ ELITE B6IC-AT-W 6" IC AIR SHUT HOUSING		LED		120 V/1-14 VA	-
C1W-EM	MAXLITE	B6IC-AT-W- LED14DR5630KB95	LED TRIM 14W 6" RECESSED 30K 80CRI WHITE TRIM, W/ ELITE B6IC-AT-W 6" IC AIR SHUT HOUSING		LED		120 V/1-14 VA	PROVIDE 90 MIN. BACK UP BATTERY
D1	TROY	B2772	17"X14" WALL MOUNT SCONCE, OLD SILVER FINISH, MEDIUM BASE SOCKET, 100 WATT MAX	WALL, CENTER OF BRACKET @14'-0"	LED9A19D2527K		120 V/1-60 VA	ALIGN BOTTOM OF FIXTURE'S MOUNTING WITH CHANGE IN EIFS THICKNESS
E1B	ELITE	ELM-809-B	EMERGENCY LIGHT FROG EYE - BLACK	WALL, TOP @ 9'-4" U.O.N.	-	EM	120 V/1-12 VA	-
E1W	ELITE	ELM-809-W	EMERGENCY LIGHT FROG EYE - WHITE	WALL, TOP @ 9'-4" U.O.N.	-	EM	120 V/1-12 VA	-
E2	ELITE	ELM-807-SDT-BZ	CAMRAY LED EM WALL MNT, DRK BRNZ, CLD WEATHER	UNIVERSAL	-	EM	120 V/1-16 VA	-
E3	LITHONIA	AFF-PEL-DDBTXD-UVOLT-LTP-SDR T-WT-CW	SELF-POWERED EMERGENCY WALLPACK W/ PHOTOCELL	8'-6"	LED	EM	120 V/1-20 VA	
F6	KICHLER	43852OZ	9.75" GLASS PENDANT AVERY WITH MED BASE SOCKET RATED 100W MAX OLDE BRONZE FINISH	PENDANT, 6'-0" A.F.F.	1/LED AAMSCO LED-6W-ST64HYBRID-DIM	NA	120 V/1-100 VA	PLACEHOLDER INCLUDES LAMP
F7	HI-LITES	H24212-96-CB15-20WLBL-6OP	12" GALVANIZED PENDANT WITH BLACK CORD AND CANOPY MED BASE SOCKET	PENDANT, 6'-0" A.F.F.	1/LED 10A19D0D27K	NA	120 V/1-20 VA	-
F19C	SPECTRUM LIGHTING	SPCO304INC-MWL(25W)PAR20-CM- 180"-MB	LED PENDANT - 3"		1/LED LR20/40/27K/975/BK		120 V/1-9 VA	-

DESCRIPTION

LED UNIVERSAL MNTG THERMOPLASTIC UNIVERSAL

EXIT, RED LETTERS, BLACK HSNG

MOUNTING

TYPE

ELECTRICAL DATA

120 V/1-3 VA

LAMP #/TYPE

-/LED

NO. MANUFACTURER CATALOG NUMBER

LIGHTALARMS

**GRANNRB** 

- 1 PRE-FABRICATED & PRE-FINISHED SOFFIT. REFER TO A7.1 FOR SPECIFICS. (OPTIONAL).
- FOR LIGHTING FIXTURES, CONDUIT, CONDUCTORS AND INSTALLATION RESPONSIBILITIES, REFER TO SCOPE OF WORK.
- FIXTURE AND SWITCH FACTORY INSTALLED WITH UNIT. G.C. TO COMPLETE CIRCUITING.
- EXHAUST HOOD LIGHT FIXTURES SUPPLIED WITH HOOD AND MTD IN PRE-WIRED J-BOX. COMPLETE CIRCUITING PER SHEET E6.1.
- 5 COORD. J-BOX LOCATION WITH WOOD FRAMING SO IT REMAINS CONCEALED BEHIND FIXTURE. VERIFY MOUNTING HEIGHT WITH ARCH. DWGS.
- 6 PROVIDE POWER TO DRIVE THRU CANOPY LIGHTING FIXTURES. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH CANOPY VENDOR AND CONSTRUCTION SUPERVISOR PRIOR TO CONNECTIONS.
- PROVIDE POWER CONNECTION TO CANOPY AT FACTORY INSTALLED DISCONNECT SWITCH FOR CANOPY LIGHTS. LIGHTS ARE
- 8 PROVIDE POWER FOR FREE STANDING CANOPY LIGHTING. E.C. SHALL RUN FEEDERS THROUGH COLUMNS TO LIGHTING FIXTURES. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH LIGHTING VENDOR AND CONSTRUCTION SUPERVISOR

FURNISHED WITH CANOPY. PROVIDE ALL REQUIRED FIELD WIRING. COORDINATE REQUIREMENTS WITH MANUFACTURUER.

- 9 REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS ON A4.0 AMD A4.1 FOR DIMENSIONED LOCATION OF FIXTURE.
- (10) SEAL ALL ELECTRICAL CONDUITS INTO THE WALK-IN COOLER.
- 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 ) MOUNT "E3" AT 8'-6" A.F.G. TO CENTER OF FIXTURE.
- ig( 13 ig) verify mounting height for Sign Power with Architectural elevations and Sign Vendor.
- PROVIDE POWER CONNECTION TO CANOPY AT FACTORY INSTALLED DISCONNECT SWITCH FOR CANOPY LIGHTS. LIGHTS ARE FURNISHED WITH CANOPY. PROVIDE ALL REQUIRED FIELD WIRING. COORDINATE REQUIREMENTS WITH MANUFACTURUER.
- PROVIDE POWER CONNECTION TO PURPLE WALLWASH LIGHTS FURNISHED BY SIGN VENDOR. PROVIDE ALL REQUIRED FIELD WIRING. CONTROL FIXTURES WITH EXTERIOR LIGHTING FIXTURES. ACCESSIVE TO THE PROVIDE ALL REQUIRED FIELD. WIRING. CONTROL FIXTURES WITH EXTERIOR LIGHTING FIXTURES. COORDINATE EXACT LOCATIONS WITH ARCHITECTURAL ELEVATIONS. COORDINATE REQUIREMENTS WITH VENDOR.

	DATE	REMARKS
1	03/22/22	Revisioin #1 - County and Utility Comments
2	04/04/22	Revision #2 - County Comments
	04/29/22	Issued for Bid

CONTRACT DATE: END. MED20 BUILDING TYPE: PLAN VERSION: MARCH 2021 BRAND DESIGNER: DICKSON SITE NUMBER: STORE NUMBER: PA/PM: DRAWN BY.: JOB NO.: 2021088.41

TACO BELL

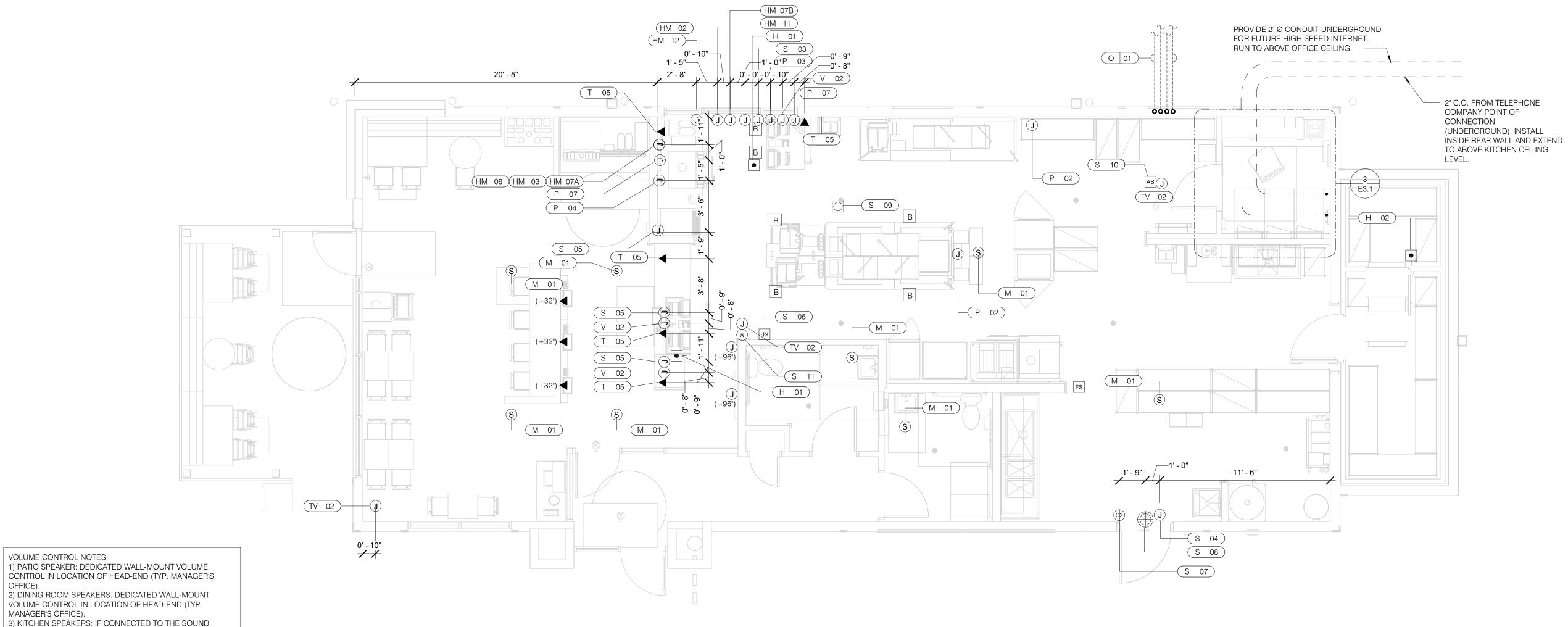
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**ENDEAVOR 2.0** LIGHTING PLAN **AND DETAILS** 

B





Ν

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

	D-UP BUTTON (MOUNT 2-1/2" ND COUNTER EDGE)	(C2)	DOOR CONTACT (LINKED TO AUDIO / VISUAL ALARM)
MUSI	C SYSTEM SPEAKERS	$\bigoplus$	"SOUND ALERT" DEVICE
SECL	JRITY STROBE	KP	KEYPAD (MTD AT 48" A.F.F.)
) J-BO)	X	AS	ALARM SIREN ABOVE CLG

VOLUME CONTROL NOTES:

SYSTEM, CAN EITHER HAVE VOLUME CONTROL BUILT INTO THE SPEAKER ITSELF, OR HAVE A THIRD DEDICATED WALL-MOUNT VOLUME CONTROL IN LOCATION OF HEAD-END (TYP.

4) RESTROOM SPEAKERS: VOLUME CONTROL BUILT INTO

MANAGER'S OFFICE).

MANAGER'S OFFICE).

OFFICE).

SPEAKER.

2" x 4" J-BOX W/ DATA PORTS MOTION DETECTOR

OCCUPANCY SENSOR. CEILING MOUNTED. SEE DETAILS 1 & 2 / E7.0

> COMMUNICATIONS LEGEND NTS C

•<del>C</del>→ USB OUTLET

SUPPLY AND INSTALL OUTLETS AND INSTALLED CABLE AND LOW VOLTAG MUSIC SYSTEM WIRING SHALL BE SU WORK SHEETS.

SEE SHEETS E3.0 AND E3.1 FOR ELEC CCTV SYSTEM, (OFFICE) COMPUTER, COMMUNICATION SYSTEM.

THIS PLAN INCLUDES CONDUITS AND CCTV SYSTEM, (OFFICE) COMPUTER, DRIVE-THRU TIMER AND DRIVE-THRU

ALL OUTLETS AND BOXES MOUNTED ARE TO BE 24" AFF. INSTALL JUNCTIO CABINET TO NEAREST WALL AND TO

CON	AMUN	<b>ICATIONS</b>	NOTES	N <sup>-</sup>
CUI	MWUN	ICALIUM	)	IΝ

	_
O CONDUIT FOR OWNER SUPPLIED AND GE WIRING (U.O.N.). TELEPHONE AND UPPLIED AND INSTALLED. SEE SCOPE O	F
ECT. INFO ON POS, SECURITY SYSTEM, R, DRIVE-THRU TIMER AND DRIVE-THRU	
ID J-BOXES FOR POS, SECURITY SYSTEM, R., TELEPHONE SYSTEM, MUSIC SYSTEM, EU COMMUNICATION SYSTEM.	
D IN THE SERVING COUNTER CABINETRY ION BOXES WITH CONDUIT UNDER O ABOVE CEILING.	′
IONS NOTES NTS	

B BUMP PAD (MOUNT AT FRONT COUNTER)

FS HOOD FIRE SUPPRESSION SYSTEM PULL STATION

		COI	MMUNICATIO	NS ROUGH-IN SCHEDULE
COMM. TYPE	COMM. #	EQUIPMENT ITEM	ELEVATION	REMARKS
Н	01	UNDER COUNTER HOLD-UP BUTTON		SEE DETAIL 6/E3.1.
Н	02	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
НМ	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.
НМ	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 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 7/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 7/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 7/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 7/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 MOUNTED	CEILING	SPEAKER WIRING FROM SPEAKERS IN DINING ROOM TO AMPLIFIER IN OFFICE. FOR EXACT LOCATION OF SPEAKERS, SEE LIGHTING PLAN SHEET E4.0.
Р	02		CEILING	2X4 J-BOX FLUSH @ CEILING. FOR M.A.P.S. LINE MONITOR J-BOX.
Р	03	KITCHEN MONITOR J-BOX	+84" A.F.F.	2X4 J-BOX W/ (1) 3/4" CONDUIT TO ABOVE CIELING
Р	04	BUMP PAD J-BOX	+24" A.F.F.	2X4 J-BOX W/ (1) 3/4" CONDUIT TO P-03.
Р	07	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.
S	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.
S	04	J-BOX SECURITY SYSTEM	+84" A.F.F.	2X4 J-BOX W/ COVER & (1) 1/2" CONDUIT TO ABOVE CEILING.
S	05		+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.
	07	J-BOX SECURITY SYSTEM	TOP OF JAMB	2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABOVE CEILING FOR DOOR CONTACT.
	08	"SOUND ALERT" DEVICE	CEILING	CONNECT TO SECURITY SYSTEM.
_	09	SECURITY STROBE LIGHT	CEILING	CONNECT TO SECURITY SYSTEM.
_	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

	COMMUNICATIONS ROUGH-IN SCHEDULE							
COMM. TYPE	COMM.	EQUIPMENT ITEM	ELEVATION	REMARKS				
Т	03	VOICE LINE PHONE JACK	+42" A.F.F.	2X4 J-BOX W/ DOUBLE RJ-11 PHONE JACK & 1" CONDUIT TO ABOVE CEILING.				
T	04	COMPUTER LINE PHONE JACK	+42" A.F.F.	2X4 J-BOX W/ RJ-11 PHONE JACK AND 1" CONDUIT TO ABOVE CEILING.				
Т	05	P.O.S. PHONE JACK	+24" A.F.F.	2X4 J-BOX W/ 1" CONDUIT TO ABOVE CEILING.				
TV	02	SECURITY CAMERA	+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.				
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 (DOUBLE JACK)				
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				
0	01	(4) 1" DATA CONDUITS	CEILING	FROM MENU BOARD/SPEAKER POST TO ABOVE CEILING FOR OCB AND D/T COMM. SYST. SEE DETAIL 3/7.0				
НМ	04	OCB SWITCH	+80" A.F.F.	4X4 J-BOX W/ 1" CONDUIT TO IRRIGATION VALVES				
Т	01	TELEPHONE SERVICE BOX PER LOCAL TELEPHONE COMPANY. PROVIDE 24"X24"X3/4" PLYWOOD PANEL AT CLG. PROVIDE PULL STRING IN 2" CONDUIT.	+24" A.F.F.	PROVIDE (1) 25 PAIR TELEPHONE CABLE. ONLY (2) LINES TO BE USED. LINE ONE FOR VOICE/FAX. LINE (2) FOR COMPUTER MODEM.				
TV	01	CLOSED CIRCUIT TELEVISION (CCTV)		CCTV INSTALLATION IS BASED ON THE CRIME INDEX AS DETERMINED BY YUM! LOSS PREVENTION MANAGER. THE STANDARD CCTV PACKAGE WILL CONSIST OF (1) CCTV MONITOR W/ WALL BRACKET AND (1) MINI DOME CAMERA MTD. ON BACK SIDE OF BULKHEAD (7 TOTAL)				

		County and Utility Comments
	04/29/22	Issued for Bid
CON	NTRACT DAT	ΓΕ: 10.05.21
BUIL	DING TYPE	: END. MED20
PLA	N VERSION:	MARCH 2021
BRA	ND DESIGN	ER: DICKSON
SITE	NUMBER:	315289
STC	RE NUMBER	R: 456917
PA/F	PM:	JW
DRA	WN BY.:	AJR
JOB	NO.:	2021088.41

1 03/22/22 Revisioin #1 -

TACO BELL

5964 West Modglin Dr. Greenfield, IN 46140



**ENDEAVOR 2.0** COMMUNICATIONS **PLAN** 

PLOT DATE: 4/28/2022 8:36:56 AM

**FOR** 

ONLY

REFERENCE

1 03/22/22 Revisioin #1 -

**CONTRACT DATE:** 

**BUILDING TYPE:** 

PLAN VERSION:

SITE NUMBER:

PA/PM:

DRAWN BY.

STORE NUMBER:

BRAND DESIGNER:

04/29/22 Issued for Bid

TACO BELL

5964 West Modglin Dr.

Greenfield, IN 46140

**ENDEAVOR 2.0** 

**ELECTRICAL** 

**DETAILS** -

**TBCCB** 

County and Utility

END. MED20

MARCH 2021

DICKSON

315289

456917

2021088.41

Comments

The intent of the BMS Control Box (TBCCB-3-WOS) is to activate or deactivate the following:

- Kitchen Lighting
- Dining Room Lighting
- Exterior Lighting
- Exterior Signs
- Exhaust hood exhaust fan
- Exhaust hood lighting
- Make up air / replacement air fan
- Rest room / cook line exhaust fan
- Managers Office lighting & at least one duplex outlet

### **Sequence of Operation**

(Building) Occupied Mode

When the Occupied/Unoccupied selector switch on the front of the TBCCB-3-WOS panel is in the "Auto" position, Channel 1 of the Timeclock in the Control Box is programmed to place the building in Occupied mode 15 minutes before the first Team Member arrives on the premises. This commands on the following:

- The Parking Lot Lights, provided the photo cell indicates it is dark enough for them to be on
- The restroom and cook line exhaust fan marked "EF-2"
- Dining Room Lights, provided their local switch is in the ON position
- Kitchen and rest room lights, provided their local switch and or occupancy sensors are in the ON position
- The exhaust hood exhaust fan marked "EF-1"
- The make up air replacement air fan (evaporator fan) in RTU 1 and RTU 2.

Occupied mode may also be invoked when any of the following occur:

- an Occupancy sensor on the front of the TBCCB-3-WOS panel senses motion
- when an optional remote Occupancy sensor senses
- when a remote Occupied switch is in the Occupied
- when the Occupied/Unoccupied switch on the front of the TBCCB-3-WOS is placed in the MANUAL OCCUPIED position

### (Building) Unoccupied Mode

When the Occupied/Unoccupied selector switch on the front of the TBCCB-3-WOS panel is in the "Auto" position, Channel 1 of the Timeclock in the Control Box is programmed to place the building in Unoccupied mode 15 minutes after the last Team Member leaves the premises. This commands OFF the following:

- The Parking Lot Lights
- The restroom and cook line exhaust fan marked "EF-2"
- Dining Room Lights
- Kitchen room lights

mode.

- The exhaust hood exhaust fan marked "EF-1"
- The make up air replacement air fan (evaporator fan) in RTU 1 and RTU 2.

In the event of a rise in temperature above 85 degrees in the exhaust hood, the exhaust fan (EF-1) and the make up air source (RTU 1 and 2) will be activated. When in Unoccupied mode and the temperature under the hood drops below 85 degrees, the exhaust fan and make up air source will turn off fifteen minutes after the l85 degree setting is achieved.

Any detection by the Occupancy sensor in the TBCCB-3-WOS or the optional Remote Occupancy Sensor or the optional Remote Occupancy Switch or ON position of the Manual Occupied switch will override the Timeclock and keep the building in OCCUPIED

(Sales) OPEN mode

When the OPEN/CLOSED selector switch on the front of the TBCCB-3-WOS panel is in the "Auto" position, Channel 2 of the Timeclock in the Control Box is programmed to place the building in OPEN (FOR SALES) mode. This commands on the following:

- The Exterior Building Lights, provided the photo cell indicates it is dark enough for them to be on
- The Exterior Signs, provided the photo cell indicates it is dark enough for them to be on

OPEN for sales mode may also be invoked when any of the

- when an optional remote OPEN (for sales) switch is in the OPEN position
- when the OPEN/CLOSED switch on the front of the TBCCB-3-WOS is placed in the MANUAL OPEN position

### (Sales) CLOSED mode

When the OPEN/CLOSED selector switch on the front of the TBCCB-3-WOS panel is in the "Auto" position, Channel 2 of the Timeclock in the Control Box is programmed to place the building in CLOSED (FOR SALES) mode. This commands OFF the following:

- The Exterior Building Lights
- The Exterior Signs,

**Manual CLOSED Mode** 

When a Team Member places the OPEN/CLOSED switch in the MANUALCLOSED position it turns off the Signs and Exterior Lights until the switch is placed back in AUTOMATIC or MANUAL OPEN position

### External Operations Not Part Of The Control Box

**Operation But Required To Be Installed** The following operations should take place between the package units and various components:

- Control voltage for RTU 2 shall pass through contacts in the fire suppression system for the exhaust hood so that RTU 2 evaporator fan shuts down upon an activation of the fire suppressant into the hood. The system shall be wired directly between the fire suppression system and RTU 2 or TBANS control box. See sheet E-7.1.
- A remote smoke detector system featuring testing, annunciation and remote unit reset shall be installed in the manager's office for each RTU. The system shall be wired directly between each RTU and its respective testing, annunciation and reset device.

# 24.3" CHANNEL #1 - BUILDING ON = OCCUPIED OFF = UNOCCUPIED CHANNEL #2 - BUSINESS ON = OPEN OFF = CLOSED | BULDING | BUSINESS | OCCUPED INDICOUPED INDICOUPED | OCCUPED INDICOUPED INDICOUPED INDICOUP PHOTOCELL NORMAL BYPASS 7.2" **PANEL FRONT**

# 1" x 3" WIRE DUCT 1.5" x 3" WIRE DUCT

### **SUBPANEL LAYOUT**

NOTE: TBCCB-3 WOS MAY BE INCLUDED IN THE LIGHTING PACKAGE.

PHONE: 949 770 2222 **EMAIL: INFO@ACE-EMS.COM** 

KITCHEN LIGHTS **DINING ROOM** LIGHTS

CONTROL BOX

RTU \*\*2

FIELD SUPPLIES HIGH VOLTAGE WIRING

— FIELD SUPPLIED LOW VOLTAGE WIRING

TACO BELL COMPONENT RELATIONSHIP

SMOKE TEST-RESET

THERMOSTAT

OR ZONE SENSOR

**HOOD STAT** 

EF-1 HOOD EXHAUST

**EF-2 EXHAUST** 

HOOD LIGHTS

**EXTERIOR LIGHTS** 

**EXTERIOR SIGNS** 

PARKING LOT LIGHTS

MGRS LIGHTS

MGRS DUPLEX

SMOKE TEST-RESET

THERMOSTAT

OR ZONE SENSOR

ANSUL

REMOTE SENSOR

REMOTE SENSOR

- FIELD WIRE BY OTHERS THIS PANEL ENCLOSURE IS RATED TYPE 1. TO PRESERVE RATING USE TYPE 1 CONDUIT ENTRY HUBS

**POWER** 

CIRCUIT BREAKERS FROM PANELS

CIRCUIT BREAKERS FROM PANELS

**POWER** 



This panel is Listed to applicable UL Standards and requirements by UL. Field wiring or field components are not Listed under this mark.

**CONTROL BOX** 

TACO BELL'S SUPPLIER OF THE CONTROL BOX IS AIR CARE EXPERTS. UNLESS NOTED OTHERWISE, TBCCB-3-WOS CONTROL BOX TO BE PURCHASED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. **ELECTRICAL CONTRACTOR IS RESPONSIBLE TO VERIFY.** TBCCB-3-WOS INCLUDES ALL WIRING AND COMPONENTS SHOWN **FACTORY INSTALLED WITHIN THE BOX.** PRIMARY CONTACT: CHUCK MCCABE

TBCCB-3-WOS

# TBCCB-3-WOS

REFERENCE ONLY

DATE REMARKS

1 03/22/22 Revisioin #1 County and Utility
Comments

04/29/22 Issued for Bid

CONTRACT DATE: 10.05.21
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315289
STORE NUMBER: 456917

PA/PM: DRAWN BY.:

JOB NO.:

TACO BELL

2021088.41

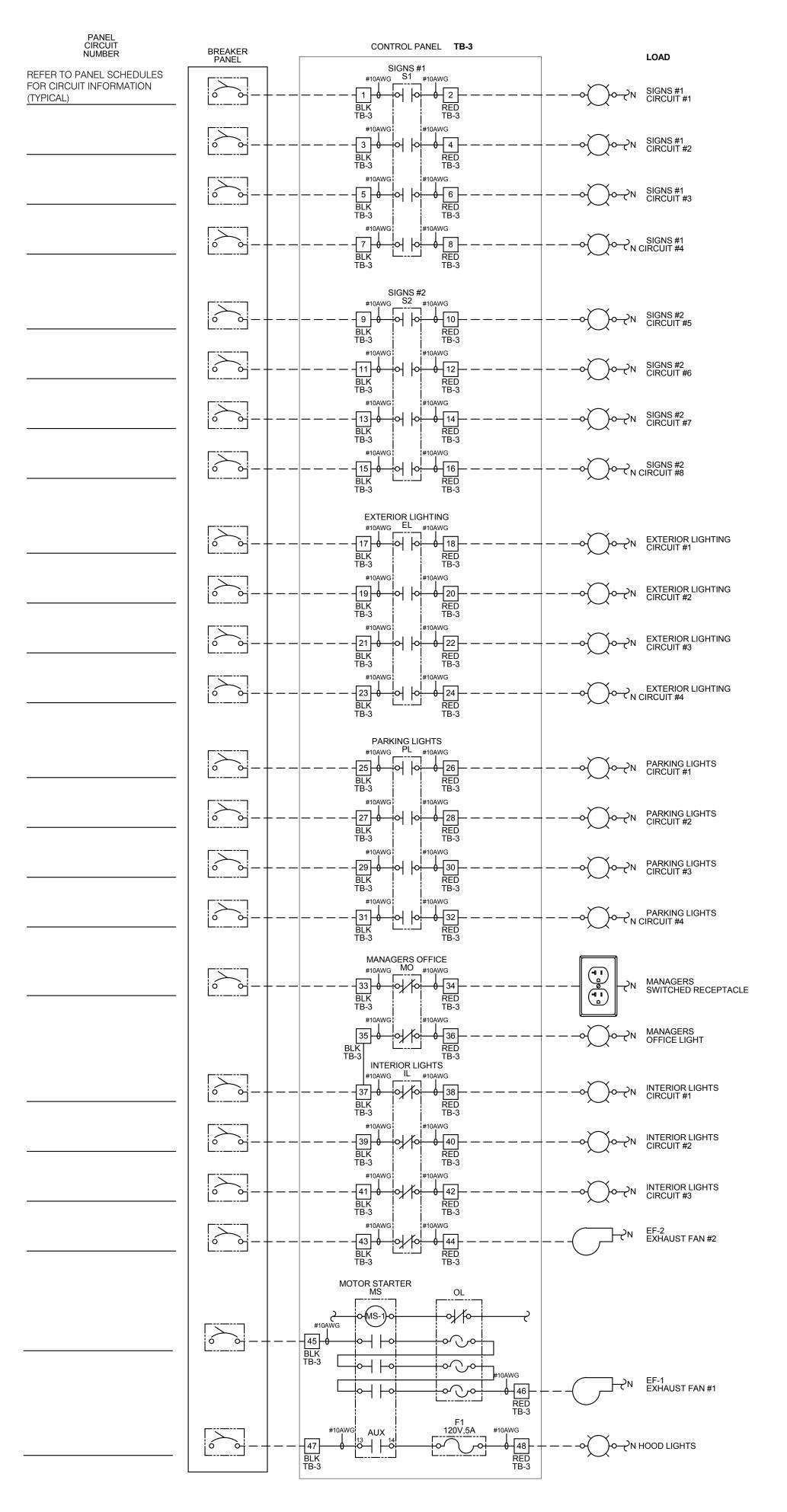
5964 West Modglin Dr. Greenfield, IN 46140



ENDEAVOR 2.0
ELECTRICAL
DETAILS TBCCB

E6.1

PLOT DATE: 4/28/2022 8:36:57 AM



KNOĊKOUT

24.3"

OPTION A TB-1

- 7 8 4 5 9 7 8 6 7 7 7 9 1 7

RG RG RG RG RTU-1 RTU-2 RTU-3 RTU-4

FIELD CONNECTION FOR RTU WITH STANDARD THERMOSTAT

R OC R OC R OC RTU-2 RTU-3 RTU-4

RTOCOCH CHOC CS8500 THERMOS'

LENNOX CS8500 THERMOSTAT RTU-1 (TYPICAL FOR ALL RTU'S) KNOCKOUT KNOCKOUT KNOCKOUT

CHANNEL #2 - BUSINESS
ON = OPEN
OFF = CLOSED

— 24.3" —

TB-2

\_\_\_\_\_

REMOVE JUMPER REMOVE JUMPER
IF OPTIONAL IF OPTIONAL
REMOTE SWITCH IS USED
REMOTE SWITCH IS USED

TB-PWR

ΙΖΌ

111

PHOTO CELL

TERMINALS IN CONTROL PANEL

PANEL FRONT

OPTION B TB-1

AUX-1 AUX-2 AUX-3 AUX-4

FOR

- - FIELD WIRE BY OTHERS
 THIS PANEL ENCLOSURE IS RATED TYPE 1.
 TO PRESERVE RATING USE TYPE 1
 CONDUIT ENTRY HUBS



This panel is Listed to applicable UL Standards and requirements by UL. Field wiring or field components are not Listed under this mark.

### NOTES:

1. VISUAL VERIFICATION OF THIS INSTALLATION IS REQUIRED. SEE SHEET M5.0

2. PANEL IS SURFACE MOUNT

3. PROTECT INTERIOR FROM METAL SHAVINGS & DEBRIS

### CONTROL BOX

TACO BELL'S SUPPLIER OF THE CONTROL BOX IS AIR CARE EXPERTS. UNLESS NOTED OTHERWISE, TBCCB-3-WOS CONTROL BOX TO BE PURCHASED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.

NOTE: TBCCB-3 WOS MAY BE INCLUDED IN THE LIGHTING PACKAGE. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO VERIFY.

TBCCB-3-WOS INCLUDES ALL WIRING AND COMPONENTS SHOWN FACTORY INSTALLED WITHIN THE BOX.

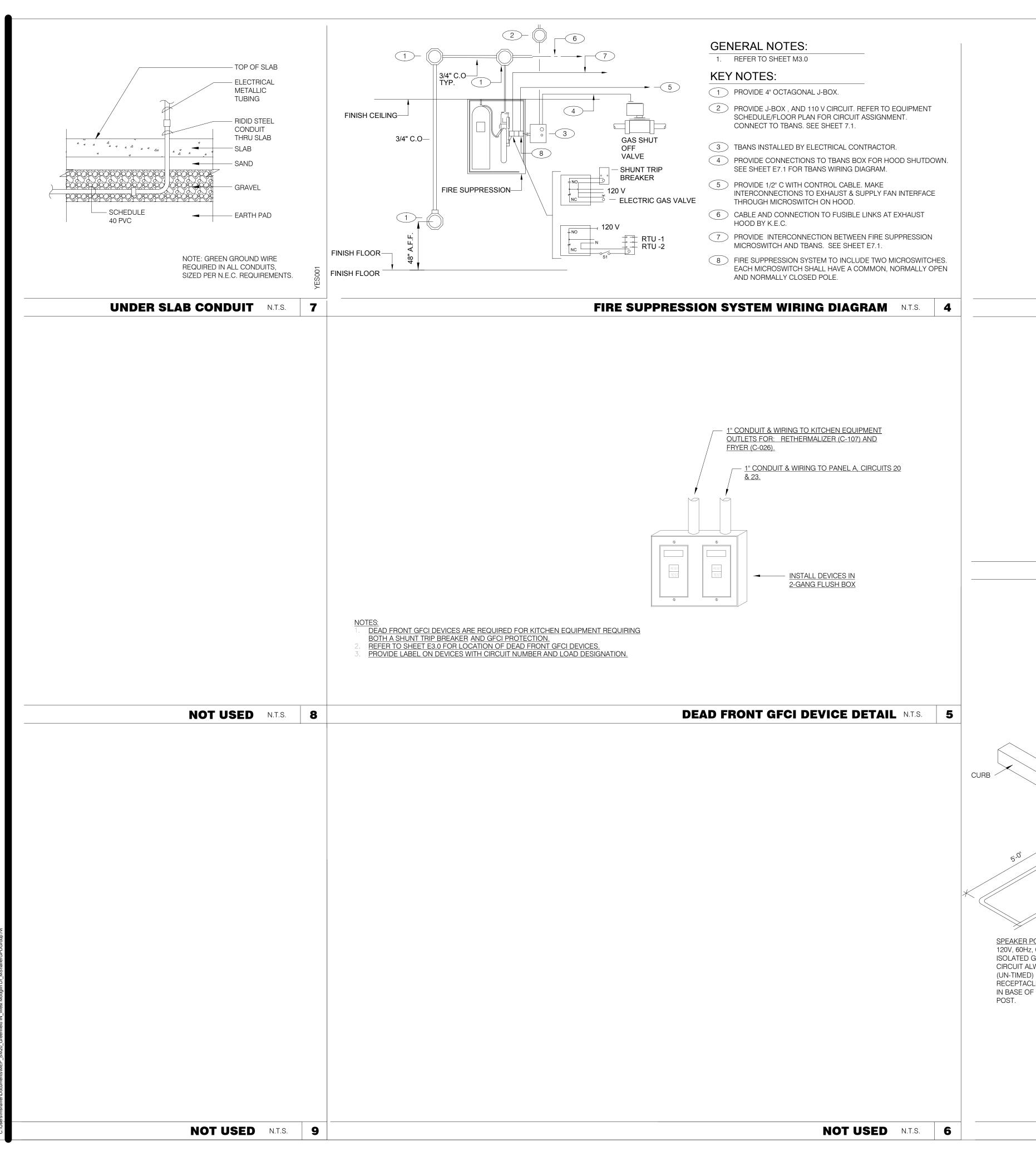
PRIMARY CONTACT: CHUCK MCCABE
PHONE: 949 770 2222

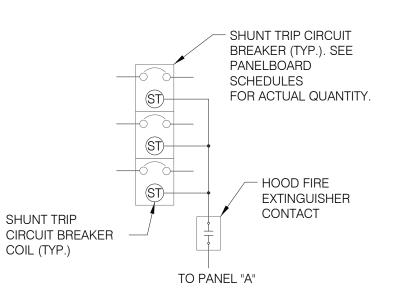
EMAIL: INFO@ACE-EMS.COM

GPD GROUP, INC.

520 S. MAIN STREET, SUIT 2531

330.572.2100 FAX: 330.572.2102

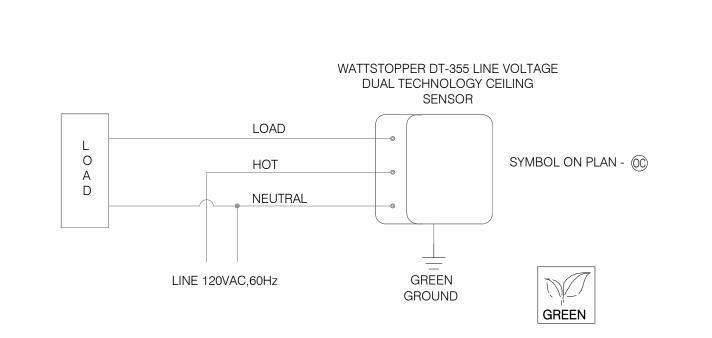




SEQUENCE OF OPERATION:

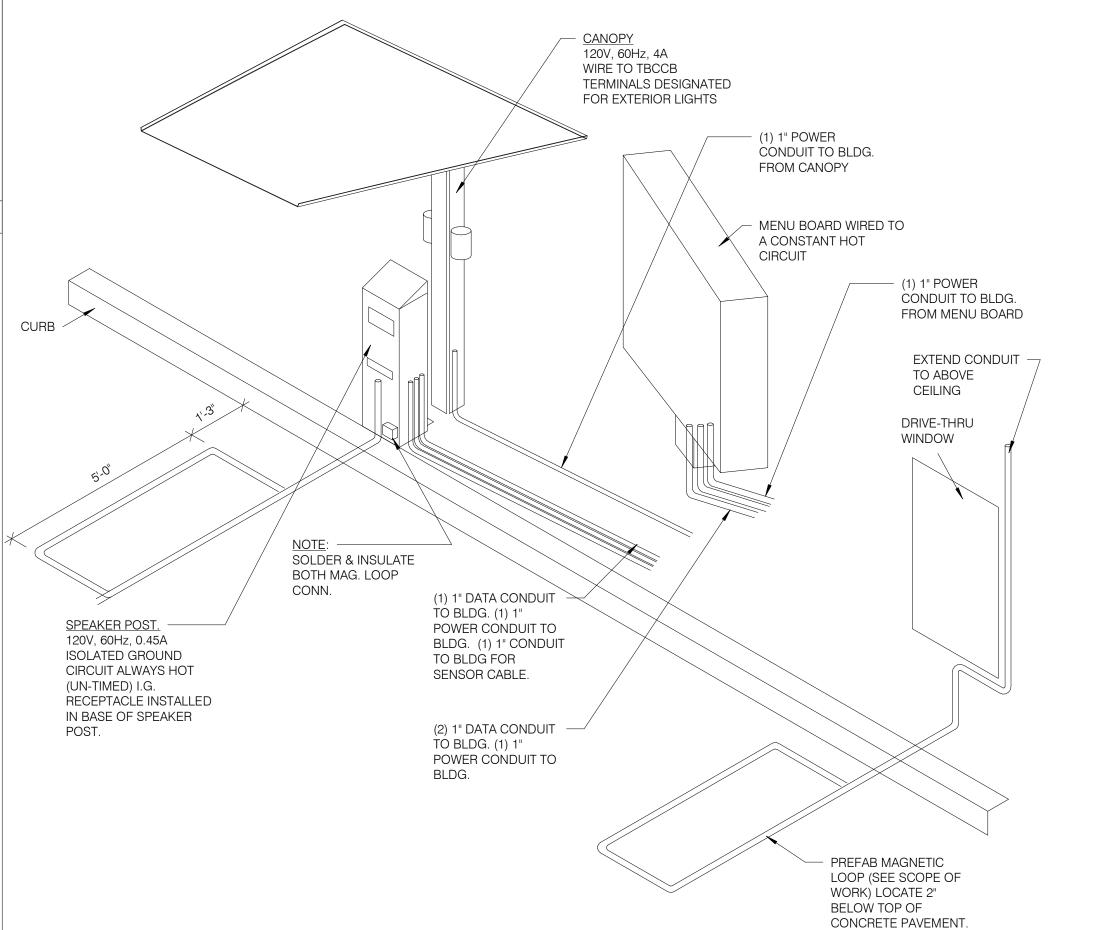
UPON ACTIVATION OF ANY HOOD FIRE SUPPRESSION SYSTEM RELAY, A
RELAY IN THAT FIRE SUPPRESSION SYSTEM SHALL CAUSE ALL SHUNT
TRIP CIRCUIT BREAKERS TO OPERATE, THUS REMOVING POWER FROM
ALL DEVICES CONNECTED TO EQUIPMENT LOCATED UNDER THE GREASE
HOOD. EXHAUST FANS SHALL NOT BE AFFECTED BY THIS ACTION AND
SHALL CONTINUE TO BE CONTROLLED AS INDICATED IN THE SEQUENCE
OF OPERATIONS INDICATED ON CONTROLS SHEETS E6.0 AND

SHUNT TRIP DETAIL N.T.S.



### CEILING OCCUPANCY SENSOR WIRING DIAGRAM N.T.S.

DRIVE-THRU COMMUNICATIONS ISOMETRIC N.T.S.



		_,	
	1	03/22/22	Revisioin #1 - County and Utility Comments
		04/29/22	Issued for Bid
(	CON	TRACT DAT	E: 10.05.21
	21 111	DING TYPE	END MED30

CONTRACT DATE: 10.05.21
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315289
STORE NUMBER: 456917
PA/PM: JW
DRAWN BY.: AJR
JOB NO.: 2021088.41

TACO BELL

5964 West Modglin Dr. Greenfield, IN 46140



ENDEAVOR 2.0
ELECTRICAL
DETAILS

E7.0

PLOT DATE: 4/28/2022 8:36:59 AM

**GPD GROUP, INC.** 

FOR

ONLY

REFERENCE

County and Utility Comments

10.05.21

END. MED20

MARCH 2021

DICKSON

315289

456917

2021088.41

JW

04/29/22 Issued for Bid

CONTRACT DATE:

**BUILDING TYPE:** 

PLAN VERSION:

SITE NUMBER:

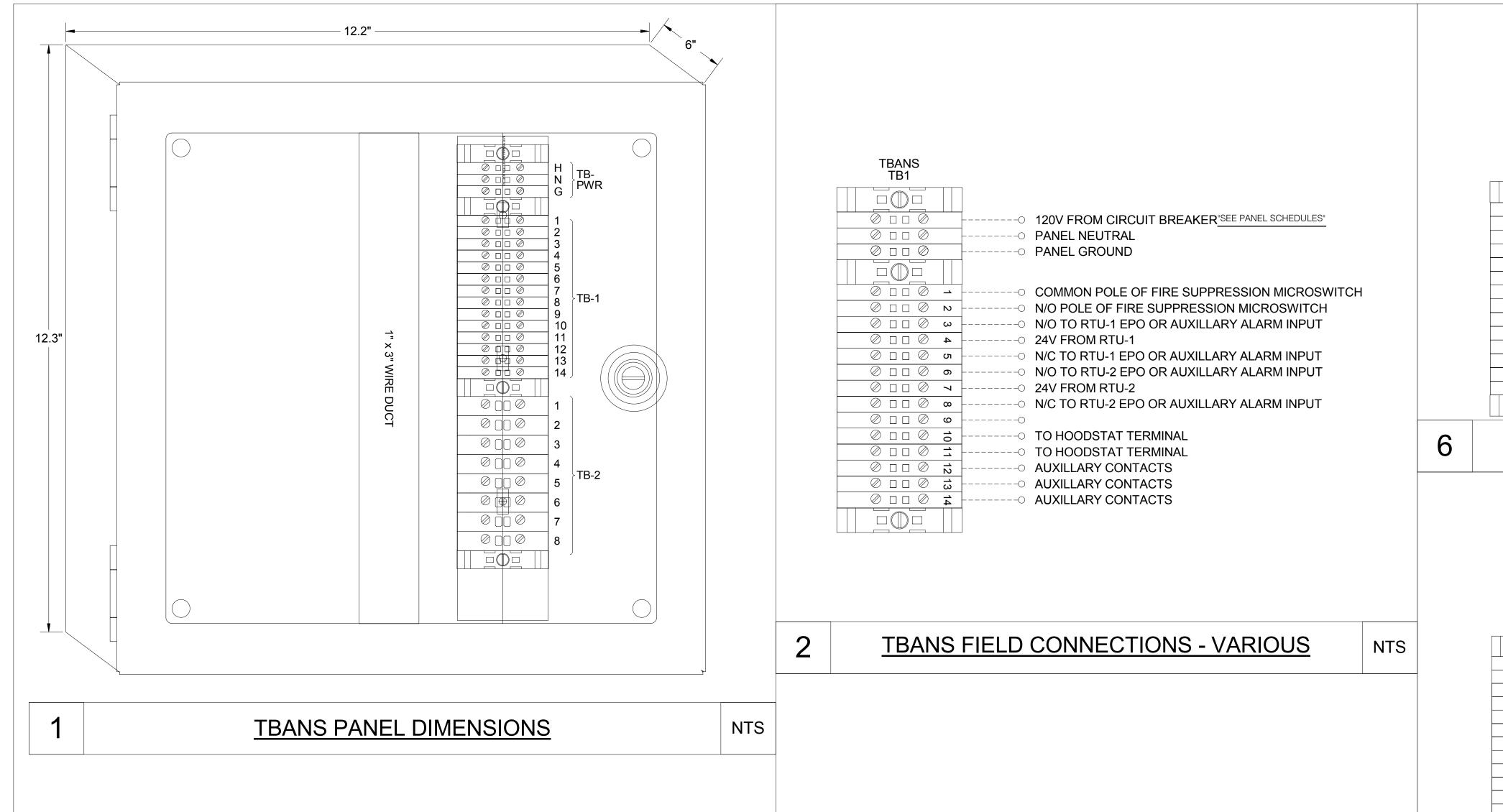
PA/PM:

DRAWN BY.

STORE NUMBER:

**BRAND DESIGNER:** 

520 S. MAIN STREET, SUIT 2531



LTB-1 IN TRANE RTU (REMOVE METAL JUMPER BETWEEN TERMINALS) RTU-1 TRANE RTU-2 TRANE LTB-1 **(5) TBANS** TB1 Ø □ □ Ø N Ø □ □ Ø 3 4 🛇 🗆 🗅 🛇 Ø □ □ Ø σ ⊘ 🗆 🗆 🕢 റെ Ø □ □ Ø **∞** Ø 🗆 🗆 Ø Ø 0 0 0 10 Ø 0 0 3 Ø 0 0 0 12 Ø □ □ Ø 3 4 ○ □ □ ◎ TBANS TO TRANE RTU SHUTDOWN NTS

LENNOX PRODIGY TERMINALS LENNOX PRODIGY LENNOX PRODIGY TERMINAL (SMOKE) TERMINAL (SMOKE) (DI1) TBANS TB1 Ø □ □ Ø N ∅ 🗆 🗆 🛭 ω 4 🛇 🗆 🗆 🛇 Ø 🗆 🗆 Ø Ø □ □ Ø 6  $\oslash \square \square \oslash \neg$ Ø □ □ Ø Ø □ □ Ø •  $\oslash$   $\square$   $\square$   $\varnothing$   $\Rightarrow$ Ø 0 0 13 Ø 🗆 🗆 Ø 🔞 4 0 0 0 

TBANS TO LENNOX PRODIGY SHUTDOWN

J-BOX ON **EXHAUST HOOD TBCCB TBCCB TERMINAL TERMINAL** TB2-8 TB2-9 HOODSTAT WIRES **TBANS TBANS TERMINALS TERMINALS** TB1-10 TB1-11

**TACO BELL** 

5964 West Modglin Dr. Greenfield, IN 46140



**ENDEAVOR 2.0 ELECTRICAL DETAILS** 

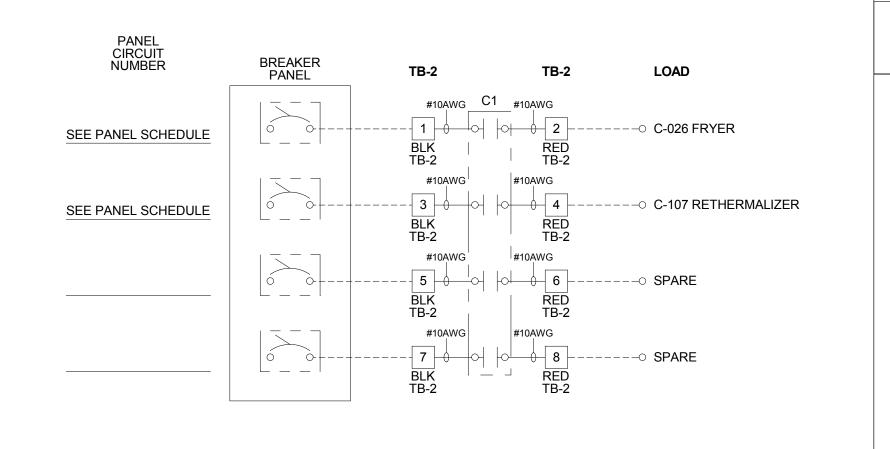
PLOT DATE: 4/28/2022 8:37:00 AM

NTS

**SEQUENCE OF OPERATION:** ACTIVATION OF HOOD FIRE SUPPRESSION SYSTEM RELAY SHALL CAUSE TBANS TO DE-ENERGIZE LOAD, THUS REMOVING POWER FROM ALL DEVICES CONNECTED TO EQUIPMENT LOCATED UNDER THE GREASE

**CONTROL BOX** TACO BELL'S SUPPLIER OF THE CONTROL BOX IS AIR CARE EXPERTS. UNLESS NOTED OTHERWISE, TBANS CONTROL BOX TO BE PURCHASED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. NOTE: TBANS MAY BE INCLUDED IN THE LIGHTING PACKAGE. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO **VERNS** INCLUDES ALL WIRING AND COMPONENTS SHOWN FACTORY INSTALLED WITHIN THE BOX. PRIMARY CONTACT: CHUCK MCCABE PHONE: 949 770 2222 EMAIL: <u>INFO@ACE-EMS.COM</u>

TACO BELL REQUIRES VISUAL CERTIFICATION OF THIS INSTALLATION SEE SHEET M5.0 CONTACT CERTIFY@ACE-BCX.COM OR (949)-770-2222



TBANS FIELD CONNECTIONS - APPLIANCES

4 NTS

TBANS TO HOODSTAT TO TBCCB

<b>TITLE</b> 6200 8341 10290-1	DESCRIPTION							
8341		SUPPLIER	MANUFACTURER'S MODEL	A&D ITEM #	ORDERED BY	SHIPPED BY	INSTALLED BY	SHOP DRAWINGS
8341	Roof Access Ladder & Hatch	Precision	FL 184 (Ladder) & PLHG (Hatch)	B-049 (Ladder) & B-050 (Hatch)	DIS	DIS	GC	
	Door - Security	LockNet	DU3670L52VED	-	RSCS	RSCS	GC	
	Air Curtain (D/T Window)	Marley	E2400-1115FG	B-151	DIS	DIS	GC	
10290-2	Air Curtain (Service Door)	Marley	E4200-1175	B-150	DIS	DIS	GC	
10290-2		(1 - 0.0 (1	E4200-1175	B-130	CM (Company) CM or DIS	Manufacturar		v
	Exterior Digital Menu Board & Optional Digital Preview Board	Everbrite		-	CM (Company), CM or DIS	Manufacturer	GC - Foundation and Conduit Sign Vendor DMB Ins	ax.
		Stratacache			(Franchise)			
	Interior Menuboard	VGS			DIS	Manufacturer	GC	
	Digital Menu Board	Stratacache	ř	-				
10430	Signage (Bldg Signs, Road Signs, Directional Signs)	Cummings Signs	VARIES	VARIES	CM (Company), CM or DIS	Manufacturer	Manufacturer (Local Installer)	Х
		Everbrite (Preferred Supplier)	VARIES	VARIES	(Franchise)			
		AGI			Chromata Color Control Control			
		risi -			†			
10536	Canopies	Cummings Signs	VARIES	VARIES	CM (Company), CM or DIS	Manufacturer	Manufacturer (Local Installer)	Y
10000	Gariopies	Everbrite (Preferred Supplier)	VARIES	VARIES	(Franchise)	Maridiacturei	Manufacturer (Local Installer)	^
		AGI	VANIES	VANIES	(Franchise)			
		AGI			4			
10010	Destruction Association	A	VARIES	F 450 //t indicated in plantation P 005 B	DIC	DIC	00	
10810	Restroom Accessories	Accuserv	VARIES	F-452 (if indicated in plan set), B-241, B-265, B-	DIS	DIS	GC	
				275, B-290 (where occurs), B-291 (where				
				occurs), B-300, B-305, B-405, B-410				
11020-1	Safe	Brinks	Tidel Series 4 (duel single note validator, standa	rd F-174	CM	BRINKS	BRINKS	
11020 1		Diffino .	side vault)		0.11	B11111110	Di ili vi co	
11020-2	Security System	Tues	side vauit)		СМ	Manufacturer	GC	v
	A Contract of the Contract of	Тусо	- CLASSIVOS ASSORB	- D 110	51 C-29637741			^
11030-1	Drive-thru Window	Quikserv	QKSRVSC4030BR	B-140	RSCS	Manufacturer	GC	
11030-3	Drive-thru Clearance Bar	Cummings Signs	H	#1	_CM	Manufacturer	GC	
		Everbrite (Preferred Supplier)		-				
		AGI	E	-		1		1
					7			1
11030-4	Drive-thru Sensor Loops	ERC Parts Inc.	WX8171		Manufacturer	Manufacturer	GC	
11100-3	P.O.S.	IBM	-	VARIES	TB / IT	Manufacturer	SSP	v
11100-3	11.0.0.	N-10-10-10-10-10-10-10-10-10-10-10-10-10-	<u> </u>		1'87''	wanuracturer	33F	<b> ^</b>
		NCR	2	VARIES	4			1
	0 10 15	PAR	=1	VARIES	1=0.4:=	1 20 40 to	loop	-
11100-4	Credit Card Payment System	Hughes Network Systems	=	F8	TB / IT	Manufacturer	SSP	L
11300-1	Order Confirmation Board (OCB)	Delphi Display Systems	P6YUC5STDUSVV1S; P6YOCSSTDUSEN1S	-3	DIS	DIS	GC (see Scope of Work notes)	
		Hyperactive	TDMHX2H01TCB;TDMHX1H26	L-090				
		Texas Digital	AVNGE60	L-095				
11300-2	Drive-thru Speaker & Microphone	HME	C400005HS3TB; C11422TB	U-011; S-204	DIS	Manufacturer	GC	<b>†</b>
. 1000 2	Privo tha opeanor a microphone	3M Food Services Trad Dept	78691149153; G55HSSINGLE	3 511, 5 257	15.0	IVIGITUTA OTULO T		
11200 4	DT Canany		70031143100, G00NOSINGLE	V 250	CM Exempliant at DIC	Manufacture	GC (one Seems of Mark rates)	v
11300-4	DT Canopy	Cummings Signs		V-350	CM, Franchisee or DIS on	ivianutacturer	GC (see Scope of Work notes)	X
		Everbrite (Preferred Supplier)			behalf of Franchisee			1
		AGI			1		1	
1400-1	Kitchen Equipment	N. Wasserstrom (Franchise only)	VARIES	VARIES	DIS	DIS	GC (see General Comments)	X
		RSCS (Preferred Supplier)	VARIES	VARIES				2028
1400-5	GTO with EVO Production Line	Delfield	VARIES	VARIES	DIS	DIS	GC / Manufacturer (Local Installer)	x
11000	GTO WILLTEVO TTOUGORON EILIO	Duke	VARIES	VARIES	15.0	15.0	GO / Manadaror (200al Motalior)	•
					-1			
		Carter Hoffman (EvO cabinets)	VARIES	VARIES				
11405-3	Kitchen Shelving / Workstations	I.S.S.	VARIES	VARIES	DIS	DIS	GC	
11405-4	Walk-In Cooler / Freezer (Panelized)	I.C.S.	VARIES	VARIES	GC	Manufacturer	GC or Manufacturer (up to CM's discretion)	X
	66 67	Norlake	VARIES	VARIES	1		70 - 60 - 70	
11425	Exhaust Hoods	Stratovent (preferred supplier)	VARIES	VARIES	DIS	DIS	GC	X
1, 12, GOTTO-CT X		Gaylord Industries (Boiler hood)	VARIES	VARIES	1			n.a.
			VARIES	VARIES	╡			
111000	D: 1 D: //: 0.1	Randell (alternate supplier)	VANIES	VANIES	D000	D	D	
	Drink Dispensers / Line Sets	Pepsi			RSCS	Pepsi	Pepsi (Local installer)	
	Ice Machines	Manitowoc Ice Inc & Hoshisaki	Manitowac SY-1474C	S-513	DIS	Manufacturer	Manufacturer (Local Installer)	
11435-6	Office Computer (Taco System)	En Pointe Global Services	VARIES	F-040, F-060	TB / IT	SSP	SSP	
11435-6			MARIES	-	DIS	DIS	GC	
11435-6 11680		GFX	IVARIES			1255 E.S.		
11430-2 11435-6 11680 12100-1	Artwork	GFX VGS	VARIES			1		
11435-6 11680		VGS	VARIES	+	_			
11435-6 11680 12100-1	Artwork	VGS Creative Pallete			Die	DIS	60	v
11435-6 11680 12100-1		VGS Creative Pallete Custom Seating (Company Supplier, base décor)	VARIES	F:	DIS	DIS	GC	х
1435-6 1680 2100-1	Artwork	VGS Creative Pallete	VARIES VARIES	# F	DIS	DIS	GC	х
1435-6 1680 2100-1 2400-5	Artwork  Décor	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX	VARIES VARIES VARIES	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5				х
1435-6 1680 2100-1 2400-5	Artwork	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation	VARIES VARIES VARIES VARIES VARIES	- - - VARIES	DIS - Equipment; GC -	DIS	GC Service Agents - ICEE (East) or RepTec (West)	х
1435-6 1680 2100-1 2400-5	Artwork  Décor	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX	VARIES VARIES VARIES VARIES VARIES VARIES	VARIES VARIES	DIS - Equipment; GC - Installation & Setup (notify	DIS		х
1435-6 1680 2100-1 2400-5	Artwork  Décor	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation	VARIES VARIES VARIES VARIES VARIES		DIS - Equipment; GC -	DIS		х
1435-6 1680 2100-1 2400-5	Artwork  Décor	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES	VARIES VARIES	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install	DIS		х
1435-6 1680 2100-1 2400-5	Artwork  Décor  Fruitista Machine	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering	VARIES	VARIES VARIES VARIES	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date)	DIS	Service Agents - ICEE (East) or RepTec (West)	X
1435-6 1680 2100-1 2400-5 2430	Artwork  Décor  Fruitista Machine  Iced Tea	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000	VARIES VARIES VARIES S-546	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS	DIS	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier	X
1435-6 1680 2100-1 2400-5 2430	Artwork  Décor  Fruitista Machine	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank)	VARIES E56150000 VARIES	VARIES VARIES VARIES S-546 S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date)	DIS	Service Agents - ICEE (East) or RepTec (West)	X
1435-6 1680 2100-1 2400-5 2430 2440 3200	Artwork  Décor  Fruitista Machine  Iced Tea  CO2 - Bulk	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service)	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000	VARIES VARIES VARIES S-546	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS	DIS Supplier DIS	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)	X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4	Artwork  Décor  Fruitista Machine  Iced Tea  CO2 - Bulk  CCTV	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO	VARIES E56150000 VARIES VARIES VARIES -	VARIES VARIES VARIES S-546 S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS RSCS	DIS Supplier DIS	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO	X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4	Artwork  Décor  Fruitista Machine  Iced Tea  CO2 - Bulk	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts	VARIES E56150000 VARIES VARIES - TBCCB-Varies	VARIES VARIES VARIES S-546 S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS RSCS DIS	Supplier DIS MARTCO DIS	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO GC	X
1435-6 1680 2100-1 2400-5 2430 2440 3200	Artwork  Décor  Fruitista Machine  Iced Tea  CO2 - Bulk  CCTV	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO	VARIES E56150000 VARIES VARIES VARIES -	VARIES VARIES VARIES S-546 S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS RSCS	DIS Supplier DIS	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO	X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-1	Artwork  Décor  Fruitista Machine  Iced Tea  CO2 - Bulk  CCTV	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts	VARIES E56150000 VARIES VARIES - TBCCB-Varies	VARIES VARIES VARIES S-546 S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS RSCS DIS	Supplier DIS MARTCO DIS	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO GC	X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-1	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk  CCTV Energy/Building Management System  Hood Shutdown System	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts	VARIES E56150000 VARIES VARIES TBCCB-Varies TBCCB-Varies	VARIES VARIES VARIES S-546 S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS DIS BSCS DIS DIS Contractor	DIS Supplier DIS MARTCO DIS DIS	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO GC GC GC	X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-1 3800-2 3900-1	Artwork  Décor  Fruitista Machine  Iced Tea  CO2 - Bulk  CCTV  Energy/Building Management System  Hood Shutdown System  Fire Suppression System	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Ansul	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES TBCCB-Varies TBCCB-Varies TBANS -	VARIES  VARIES  VARIES  S-546  S-580  S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS DIS RSCS DIS DIS Contractor GC	DIS Supplier DIS MARTCO DIS DIS Air Care GC	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO GC GC	X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-1 3800-2 3900-1 5410	Artwork  Décor  Fruitista Machine  Iced Tea  CO2 - Bulk  CCTV  Energy/Building Management System  Hood Shutdown System  Fire Suppression System  Hand Sinks	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Ansul Aero	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES TBCCB-Varies TBCCB-Varies TBANS HS-Mod	VARIES VARIES VARIES S-546 S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS RSCS DIS DIS Contractor GC DIS	DIS Supplier DIS MARTCO DIS DIS Air Care GC DIS	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO  GC  GC  GC  GC  GC  GC  GC  GC  GC	X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-1 3800-2 3900-1 5410 5470-5	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk  CCTV  Energy/Building Management System  Hood Shutdown System  Fire Suppression System  Hand Sinks  Water Filter	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES	VARIES  VARIES  VARIES  S-546  S-580  S-580  N-053	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS RSCS DIS DIS Contractor GC DIS DIS	Supplier DIS MARTCO DIS DIS Air Care GC DIS Manufacturer	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO GC GC GC	X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-1 3800-2 3900-1 5410 5470-5	Artwork  Décor  Fruitista Machine  Iced Tea  CO2 - Bulk  CCTV  Energy/Building Management System  Hood Shutdown System  Fire Suppression System  Hand Sinks	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard)	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES TBCCB-Varies TBCCB-Varies TBANS HS-Mod	VARIES  VARIES  VARIES  S-546  S-580  S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS RSCS DIS DIS Contractor GC DIS	DIS Supplier DIS MARTCO DIS DIS Air Care GC DIS	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO  GC  GC  GC  GC  GC  GC  GC  GC  GC	X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-1 3800-2 3900-1 5410 5470-5	Artwork  Décor  Fruitista Machine  Iced Tea  CO2 - Bulk  CCTV  Energy/Building Management System  Hood Shutdown System  Fire Suppression System  Hand Sinks  Water Filter  Water Heater	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES	VARIES  VARIES  VARIES  S-546  S-580  S-580  N-053	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS  RSCS DIS DIS Contractor GC DIS DIS RSCS	DIS  Supplier  DIS  MARTCO  DIS  DIS  Air Care  GC  DIS  Manufacturer  RSCS	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO  GC  GC  GC  GC  GC  GC  GC  GC  GC	X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-1 3800-2 3900-1 5410 5470-5 5480-3	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk  CCTV Energy/Building Management System  Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater  Water softener	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard)	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES	VARIES  VARIES  VARIES  S-546  S-580  S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS RSCS DIS Contractor GC DIS DIS RSCS RSCS	DIS  Supplier  DIS  MARTCO  DIS  DIS  Air Care  GC  DIS  Manufacturer  RSCS  RSCS	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO  GC  GC  GC  GC  GC  GC (Local Installer)  GC  GC (see Vendor Scope - Pepsi Drink System)  GC  GC	X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-1 3800-2 3900-1 5410 5470-5 5480-3	Artwork  Décor  Fruitista Machine  Iced Tea  CO2 - Bulk  CCTV  Energy/Building Management System  Hood Shutdown System  Fire Suppression System  Hand Sinks  Water Filter  Water Heater	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) -	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES	VARIES  VARIES  VARIES  S-546  S-580  S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS RSCS DIS Contractor GC DIS DIS RSCS DIS DIS RSCS DIS DIS DIS RSCS DIS DIS DIS RSCS	Supplier DIS  MARTCO DIS DIS Air Care GC DIS Manufacturer RSCS RSCS ; Determine by CM or	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO  GC  GC  GC  GC  GC  GC  GC  GC  GC	X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-1 3800-2 3900-1 5410 5470-5 5480-3	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk  CCTV Energy/Building Management System  Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater  Water softener	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard)	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES	VARIES  VARIES  VARIES  S-546  S-580  S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS RSCS DIS Contractor GC DIS DIS RSCS DIS DIS RSCS DIS DIS DIS RSCS DIS DIS DIS RSCS	Supplier DIS  MARTCO DIS DIS Air Care GC DIS Manufacturer RSCS RSCS ; Determine by CM or	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO  GC  GC  GC  GC  GC  GC (Local Installer)  GC  GC (see Vendor Scope - Pepsi Drink System)  GC  GC	X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-1 3800-2 3900-1 5410 5470-5 5480-3	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk  CCTV Energy/Building Management System  Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater  Water softener	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) Melink Corp/	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES	VARIES  VARIES  VARIES  S-546  S-580  S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS RSCS DIS Contractor GC DIS DIS RSCS DIS DIS RSCS DIS DIS DIS RSCS DIS DIS DIS RSCS	DIS  Supplier DIS  MARTCO DIS DIS Air Care GC DIS Manufacturer RSCS  RSCS  Determine by CM or RCM; Approved	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO  GC  GC  GC  GC  GC (Local Installer)  GC  GC (see Vendor Scope - Pepsi Drink System)  GC  GC  GC  GC  Determined by GC / CM / RCM	X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-1 3800-2 3900-1 5410 5470-5 5480-3	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk  CCTV Energy/Building Management System  Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater  Water softener HVAC - Test and Balance	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) Melink Corp/ Air Care Experts	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES	VARIES  VARIES  VARIES  S-546  S-580  S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS DIS Contractor GC DIS DIS DIS RSCS DIS DIS DIS Contractor GC DIS DIS DIS RSCS DIS ASCS	Supplier DIS  MARTCO DIS DIS Air Care GC DIS Manufacturer RSCS RSCS ; Determine by CM or	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO  GC  GC  GC  GC  GC (Local Installer)  GC  GC (see Vendor Scope - Pepsi Drink System)  GC  GC  GC  GC  Determined by GC / CM / RCM	X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-1 3800-2 3900-1 5410 5470-5 5480-3	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk  CCTV Energy/Building Management System  Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater  Water softener HVAC - Test and Balance  Commissioning	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) Melink Corp/ Air Care Experts Air Care Experts Air Care Experts Air Care Experts	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES	VARIES  VARIES  VARIES  S-546  S-580  S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS DIS Contractor GC DIS DIS DIS RSCS DIS DIS DIS Contractor GC DIS DIS DIS RSCS DIS ASCS	Supplier DIS  MARTCO DIS DIS Air Care GC DIS Manufacturer RSCS  RSCS  RSCS  Control of the contr	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO  GC  GC  GC  GC  GC (Local Installer)  GC  GC (see Vendor Scope - Pepsi Drink System)  GC  GC  GC  GC  Determined by GC / CM / RCM	X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-1 3800-2 3900-1 5410 5470-5 5480-3	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk  CCTV Energy/Building Management System  Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater  Water softener HVAC - Test and Balance  Commissioning Visual Verification	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate)	VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES - TBCCB-Varies TBCCB-Varies TBANS - HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard)	VARIES  VARIES  VARIES  S-546  S-580  S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS DIS Contractor GC DIS DIS DIS RSCS DIS DIS Contractor GC CM/RCM	DIS  Supplier DIS  MARTCO DIS DIS Air Care GC DIS Manufacturer RSCS  RSCS  RSCS  Determine by CM or RCM; Approved options - GC CM/RCM  Air Care Experts	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO GC GC GC GC GC GC GC (Local Installer) GC GC (see Vendor Scope - Pepsi Drink System) GC GC GC	X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-1 3800-2 3900-1 5410 5470-5 5480-3	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk  CCTV Energy/Building Management System  Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater  Water softener HVAC - Test and Balance  Commissioning	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate)	VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES VARIES - TBCCB-Varies TBCCB-Varies TBANS HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES	VARIES  VARIES  VARIES  S-546  S-580  S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS DIS Contractor GC DIS DIS DIS RSCS DIS DIS Contractor GC CM/RCM	Supplier DIS  MARTCO DIS DIS Air Care GC DIS Manufacturer RSCS  RSCS  RSCS  Control of the contr	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO  GC  GC  GC  GC  GC (Local Installer)  GC  GC (see Vendor Scope - Pepsi Drink System)  GC  GC  GC  GC  Determined by GC / CM / RCM	X
435-6 680 100-1 400-5 430 440 200 700-4 800-1 800-2 900-1 410 470-5 480-3	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk  CCTV Energy/Building Management System  Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater  Water softener HVAC - Test and Balance  Commissioning Visual Verification	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate)	VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES VARIES - TBCCB-Varies TBCCB-Varies TBCCB-Varies TBANS HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES VARIES VARIES VARIES	VARIES  VARIES  VARIES  S-546  S-580  S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS DIS Contractor GC DIS DIS DIS RSCS DIS DIS Contractor GC CM/RCM	DIS  Supplier DIS  MARTCO DIS DIS Air Care GC DIS Manufacturer RSCS  RSCS  RSCS  Determine by CM or RCM; Approved options - GC CM/RCM  Air Care Experts	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO GC GC GC GC GC GC GC (Local Installer) GC GC (see Vendor Scope - Pepsi Drink System) GC GC GC	X
435-6 680 2100-1 2400-5 2430 2440 3200 3700-4 3800-1 3800-2 3900-1 3410 3470-5 3480-3	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk  CCTV Energy/Building Management System  Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater  Water softener HVAC - Test and Balance  Commissioning Visual Verification	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate)	VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES VARIES - TBCCB-Varies TBCCB-Varies TBANS HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES	VARIES  VARIES  VARIES  S-546  S-580  S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS DIS Contractor GC DIS DIS DIS RSCS DIS DIS Contractor GC CM/RCM	DIS  Supplier DIS  MARTCO DIS DIS Air Care GC DIS Manufacturer RSCS  RSCS  RSCS  Determine by CM or RCM; Approved options - GC CM/RCM  Air Care Experts	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO GC GC GC GC GC GC GC (Local Installer) GC GC (see Vendor Scope - Pepsi Drink System) GC GC GC	X
435-6 680 100-1 400-5 430 440 200 700-4 800-1 800-2 900-1 410 470-5 480-3 500-1 500-2 500-3 700-1	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk  CCTV Energy/Building Management System  Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater  Water softener HVAC - Test and Balance  Commissioning Visual Verification HVAC	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate)	VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES VARIES - TBCCB-Varies TBCCB-Varies TBANS - HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES VARIES VARIES VARIES VARIES VARIES	VARIES VARIES VARIES S-546 S-580 S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS  RSCS DIS DIS Contractor GC DIS DIS RSCS  DIS Contractor GC CM/RCM  GC	Supplier DIS  MARTCO DIS DIS Air Care GC DIS Manufacturer RSCS RSCS RSCS; Determine by CM or RCM; Approved options - GC CM/RCM  Air Care Experts Manufacturer	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier Manufacturer (Local Installer)  MARTCO GC GC GC GC GC GC (Local Installer) GC GC (see Vendor Scope - Pepsi Drink System) GC	X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-1 3800-2 3900-1 5410 5470-5 5480-3 5500-1	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk  CCTV Energy/Building Management System  Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater  Water softener HVAC - Test and Balance  Commissioning Visual Verification	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) Melink Corp/ Air Care Experts Air Care Experts Air Care Experts Air Care Experts Trane (Franchisee Only) Lennox (Company and Franchisee Stores) York international (Franchisee Only) Accusery	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES - TBCCB-Varies TBCCB-Varies TBANS - HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES VARIES VARIES VARIES Square-D and Cutler Hammer	VARIES  VARIES  VARIES  S-546  S-580  S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS DIS Contractor GC DIS DIS RSCS DIS DIS Contractor GC CM/RCM  GC GC GC DIS DIS DIS RSCS	Supplier DIS  MARTCO DIS DIS Air Care GC DIS Manufacturer RSCS RSCS RSCS; Determine by CM or RCM; Approved options - GC CM/RCM  Air Care Experts Manufacturer	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO GC GC GC GC GC GC GC (Local Installer) GC GC (see Vendor Scope - Pepsi Drink System) GC	X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-1 3800-2 3900-1 5410 5470-5 5480-3 5500-1	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk  CCTV Energy/Building Management System  Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater  Water Heater  Water softener HVAC - Test and Balance  Commissioning Visual Verification HVAC  Switchgear - Franchisee	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) Melink Corp/ Air Care Experts Air Care Experts Air Care Experts Air Care Experts Trane (Franchisee Only) Lennox (Company and Franchisee Stores) York international (Franchisee Only) Accuserv Capital Lighting	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES - TBCCB-Varies TBCCB-Varies TBANS - HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES VARIES VARIES VARIES Square-D and Cutler Hammer Square-D and Cutler Hammer	VARIES VARIES VARIES S-546 S-580 S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS  RSCS DIS DIS Contractor GC DIS DIS RSCS  RSCS  RSCS  Determined by CM or RCM Approved options - GC CM/RCM  GC GC GC DIS DIS  DIS DIS DIS DIS DIS DIS DIS DI	Supplier DIS  MARTCO DIS DIS Air Care GC DIS Manufacturer RSCS RSCS RSCS; Determine by CM or RCM; Approved options - GC CM/RCM  Air Care Experts Manufacturer  DIS DIS DIS	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier Manufacturer (Local Installer)  MARTCO GC GC GC GC GC (Local Installer) GC GC (see Vendor Scope - Pepsi Drink System) GC	X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-1 3800-2 3900-1 5410 5470-5 5480-3 5500-1 5500-2 5500-3 5700-1	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk  CCTV Energy/Building Management System  Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater  Water softener HVAC - Test and Balance  Commissioning Visual Verification HVAC	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) Melink Corp/ Air Care Experts Air Care Experts Air Care Experts Air Care Experts Trane (Franchisee Only) Lennox (Company and Franchisee Stores) York international (Franchisee Only) Accusery	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES - TBCCB-Varies TBCCB-Varies TBANS - HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES VARIES VARIES VARIES Square-D and Cutler Hammer	VARIES  VARIES  VARIES  S-546  S-580  S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS DIS Contractor GC DIS DIS RSCS DIS DIS RSCS Contractor GC DIS DIS RSCS Determined by CM or RCM Approved options - GC CM/RCM GC GC DIS GC GC DIS GC GC DIS GC GC DIS CONTROM GC GC GC CM/RCM	Supplier DIS  MARTCO DIS DIS Air Care GC DIS Manufacturer RSCS RSCS RSCS; Determine by CM or RCM; Approved options - GC CM/RCM  Air Care Experts Manufacturer  DIS DIS DIS	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO GC GC GC GC GC GC GC (Local Installer) GC GC (see Vendor Scope - Pepsi Drink System) GC	X X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-1 3800-2 3900-1 5410 5470-5 5480-3 5500-1 5500-2 5500-3 5700-1	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk  CCTV Energy/Building Management System  Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater  Water Heater  Water softener HVAC - Test and Balance  Commissioning Visual Verification HVAC  Switchgear - Franchisee	Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) Melink Corp/ Air Care Experts Air Care Experts Air Care Experts  Air Care Experts  Air Care Experts  Air Care Experts  Air Care Experts  Air Care Experts  Air Care Experts  Air Care Experts  Air Care Experts  Air Care Experts  Air Care Experts  Trane (Franchisee Only) Lennox (Company and Franchisee Stores)  York international (Franchisee Only)  Accuserv Capital Lighting  Capital Lighting	VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES - TBCCB-Varies TBCCB-Varies TBANS - HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES VARIES VARIES VARIES VARIES Square-D and Cutler Hammer Square-D and Cutler Hammer	VARIES  VARIES  VARIES  S-546  S-580  S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS DIS Contractor GC DIS DIS RSCS DIS RSCS  RSCS  Contractor GC DIS DIS RSCS  Contractor GC DIS DIS Contractor GC DIS DIS COM/RCM  GC CM/RCM  GC GC GC  DIS DIS GC GC  DIS DIS GC GC  DIS DIS COM/RCM  GC GC  DIS DIS DIS COM/RCM	Supplier DIS  MARTCO DIS DIS Air Care GC DIS Manufacturer RSCS RSCS RSCS; Determine by CM or RCM; Approved options - GC CM/RCM Air Care Experts Manufacturer  DIS DIS DIS GC	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO  GC  GC  GC  GC  GC (Local Installer)  GC  GC (see Vendor Scope - Pepsi Drink System)  GC  GC  GC  GC  GC  GC  GC  GC  GC  G	X X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-1 3800-2 3900-1 5410 5470-5 5480-3 5500-1 5500-1 6300-1	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk  CCTV Energy/Building Management System  Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater  Water Heater  Water softener HVAC - Test and Balance  Commissioning Visual Verification HVAC  Switchgear - Franchisee	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) Melink Corp/ Air Care Experts Air Care Experts Air Care Experts Air Care Experts Trane (Franchisee Only) Lennox (Company and Franchisee Stores) York international (Franchisee Only) Accuserv Capital Lighting	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES - TBCCB-Varies TBCCB-Varies TBANS - HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES VARIES VARIES VARIES Square-D and Cutler Hammer Square-D and Cutler Hammer	VARIES VARIES VARIES S-546 S-580 S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS DIS Contractor GC DIS DIS RSCS DIS DIS RSCS  RSCS  Contractor GC DIS DIS Contractor GC DIS DIS Contractor GC DIS DIS CONTROM  RSCS  CM/RCM  GC GC GC  GC GC  CM/RCM  GC GC GC  CM/RCM  CM at time of bid) GC or RSCS (confirm with CM at time of bid) GC or RSCS (confirm with	Supplier DIS  MARTCO DIS DIS Air Care GC DIS Manufacturer RSCS RSCS RSCS; Determine by CM or RCM; Approved options - GC CM/RCM Air Care Experts Manufacturer  DIS DIS DIS GC	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier Manufacturer (Local Installer)  MARTCO GC GC GC GC GC (Local Installer) GC GC (see Vendor Scope - Pepsi Drink System) GC	X X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-1 3800-2 3900-1 5410 5470-5 5480-3 5500-1 5500-2 5500-3 5700-1	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk  CCTV Energy/Building Management System  Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater  Water Heater  Water softener HVAC - Test and Balance  Commissioning Visual Verification HVAC  Switchgear - Franchisee	Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) Melink Corp/ Air Care Experts Air Care Experts Air Care Experts  Air Care Experts  Air Care Experts  Air Care Experts  Air Care Experts  Air Care Experts  Air Care Experts  Air Care Experts  Air Care Experts  Air Care Experts  Air Care Experts  Trane (Franchisee Only) Lennox (Company and Franchisee Stores)  York international (Franchisee Only)  Accuserv Capital Lighting  Capital Lighting	VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES - TBCCB-Varies TBCCB-Varies TBANS - HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES VARIES VARIES VARIES VARIES Square-D and Cutler Hammer Square-D and Cutler Hammer	VARIES  VARIES  VARIES  S-546  S-580  S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS DIS Contractor GC DIS DIS RSCS DIS DIS RSCS  RSCS  Contractor GC DIS DIS Contractor GC DIS DIS Contractor GC DIS DIS CONTROM  RSCS  CM/RCM  GC GC GC  GC GC  CM/RCM  GC GC GC  CM/RCM  CM at time of bid) GC or RSCS (confirm with CM at time of bid) GC or RSCS (confirm with	Supplier DIS  MARTCO DIS DIS Air Care GC DIS Manufacturer RSCS RSCS RSCS; Determine by CM or RCM; Approved options - GC CM/RCM Air Care Experts Manufacturer  DIS DIS DIS GC	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO  GC  GC  GC  GC  GC (Local Installer)  GC  GC (see Vendor Scope - Pepsi Drink System)  GC  GC  GC  GC  GC  GC  GC  GC  GC  G	X X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-1 3800-2 3900-1 5410 5470-5 5480-3 5500-1 5500-2 5500-3 5700-1 6300-1	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk CCTV Energy/Building Management System  Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater  Water Heater  Water softener HVAC - Test and Balance  Commissioning Visual Verification HVAC  Switchgear - Franchisee  Switchgear - Company	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) Melink Corp/ Air Care Experts Company and Franchisee Stores) York international (Franchisee Only) Accuserv Capital Lighting Capital Lighting Capital Lighting Accuserv	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES VARIES  TBCCB-Varies TBCCB-Varies TBANS HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES VARIES VARIES VARIES VARIES VARIES VARIES Square-D and Cutler Hammer Square-D and Cutler Hammer Square-D and Cutler Hammer	VARIES  VARIES  VARIES  S-546  S-580  S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS DIS Contractor GC DIS DIS RSCS DIS RSCS  RSCS  Contractor GC DIS DIS RSCS  Contractor GC DIS DIS Contractor GC DIS DIS COM/RCM  GC CM/RCM  GC GC GC  DIS DIS GC GC  DIS DIS GC GC  DIS DIS COM/RCM  GC GC  DIS DIS DIS COM/RCM	Supplier DIS  MARTCO DIS DIS Air Care GC DIS Manufacturer RSCS RSCS RSCS; Determine by CM or RCM; Approved options - GC CM/RCM Air Care Experts Manufacturer  DIS DIS DIS GC	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO GC GC GC GC GC (Local Installer)  GC GC (see Vendor Scope - Pepsi Drink System) GC GC GC Determined by GC / CM / RCM  GC GC GC GC GC GC	X X X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-2 3900-1 5410 5470-5 5480-3 5500-1 5500-2 5500-3 5700-1 6300-1	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk  CCTV Energy/Building Management System  Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater  Water Heater  Water softener HVAC - Test and Balance  Commissioning Visual Verification HVAC  Switchgear - Franchisee	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate)	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES - TBCCB-Varies TBCCB-Varies TBANS - HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES Square-D and Cutler Hammer Square-D and Cutler Hammer Square-D and Cutler Hammer	VARIES  VARIES  VARIES  S-546  S-580  S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS DIS Contractor GC DIS DIS RSCS DIS DIS RSCS  RSCS  Contractor GC DIS DIS Contractor GC DIS DIS Contractor GC DIS DIS CONTROM  RSCS  CM/RCM  GC GC GC  GC GC  CM/RCM  GC GC GC  CM/RCM  CM at time of bid) GC or RSCS (confirm with CM at time of bid) GC or RSCS (confirm with	Supplier DIS  MARTCO DIS DIS Air Care GC DIS Manufacturer RSCS RSCS RSCS; Determine by CM or RCM; Approved options - GC CM/RCM Air Care Experts Manufacturer  DIS DIS DIS GC	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO  GC  GC  GC  GC  GC (Local Installer)  GC  GC (see Vendor Scope - Pepsi Drink System)  GC  GC  GC  GC  GC  GC  GC  GC  GC  G	X X X X X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-2 3900-1 5410 5470-5 5480-3 5500-2 5500-3 5700-1 6300-1 6300-2	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk  CCTV Energy/Building Management System  Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater  Water softener HVAC - Test and Balance  Commissioning Visual Verification HVAC  Switchgear - Franchisee  Switchgear - Company  Light Fixtures - Interior and Building	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate)	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES - TBCCB-Varies TBCCB-Varies TBANS - HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES Square-D and Cutler Hammer	VARIES  VARIES  VARIES  S-546  S-580  S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS DIS Contractor GC DIS DIS RSCS DIS DIS RSCS  RSCS  RSCS  Determined by CM or RCM Approved options - GC CM/RCM  GC GC GC DIS DIS GC or RSCS (confirm with CM at time of bid) GC or RSCS (confirm with CM at time of bid) DIS	Supplier DIS  MARTCO DIS DIS Air Care GC DIS Manufacturer RSCS RSCS RSCS; Determine by CM or RCM; Approved options - GC CM/RCM  Air Care Experts Manufacturer  DIS DIS GC GC	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier Manufacturer (Local Installer)  MARTCO GC GC GC GC GC GC (See Vendor Scope - Pepsi Drink System) GC GC Determined by GC / CM / RCM  GC	X X X X X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-2 3900-1 5410 5470-5 5480-3 5500-2 5500-3 5700-1 6300-1 6300-2	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk CCTV Energy/Building Management System  Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater  Water Heater  Water softener HVAC - Test and Balance  Commissioning Visual Verification HVAC  Switchgear - Franchisee  Switchgear - Company	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) Melink Corp/ Air Care Experts Capital Lighting Capital Lighting Accuserv Capital Lighting Accuserv (all lighting except BOH & restrooms) Capital Lighting Accuserv (all lighting except BOH & restrooms) Capital Lighting	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES - TBCCB-Varies TBCCB-Varies TBANS - HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES Square-D and Cutler Hammer	VARIES  VARIES  VARIES  S-546  S-580  S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS  RSCS DIS DIS Contractor GC DIS DIS RSCS  RSCS  Determined by CM or RCM Approved options - GC CM/RCM  GC GC DIS DIS DIS  CONTROW  GC GC GC DIS	Supplier DIS  MARTCO DIS DIS Air Care GC DIS Manufacturer RSCS RSCS RSCS; Determine by CM or RCM; Approved options - GC CM/RCM  Air Care Experts Manufacturer  DIS DIS DIS DIS DIS DIS DIS DIS	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier Manufacturer (Local Installer)  MARTCO GC GC GC GC GC GC (See Vendor Scope - Pepsi Drink System) GC GC Determined by GC / CM / RCM  GC	X X X X X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-1 3800-2 3900-1 5410 5470-5 5480-3 5500-1 6500-2 6500-3 5700-1	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk  CCTV Energy/Building Management System  Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater  Water softener HVAC - Test and Balance  Commissioning Visual Verification HVAC  Switchgear - Franchisee  Switchgear - Company  Light Fixtures - Interior and Building	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate)	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES - TBCCB-Varies TBCCB-Varies TBANS - HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES Square-D and Cutler Hammer	VARIES  VARIES  VARIES  S-546  S-580  S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS DIS Contractor GC DIS DIS RSCS DIS DIS RSCS  RSCS  RSCS  Determined by CM or RCM Approved options - GC CM/RCM  GC GC GC DIS DIS GC or RSCS (confirm with CM at time of bid) GC or RSCS (confirm with CM at time of bid) DIS	Supplier DIS  MARTCO DIS DIS Air Care GC DIS Manufacturer RSCS RSCS RSCS; Determine by CM or RCM; Approved options - GC CM/RCM  Air Care Experts Manufacturer  DIS DIS GC GC	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier Manufacturer (Local Installer)  MARTCO GC GC GC GC GC GC (See Vendor Scope - Pepsi Drink System) GC GC Determined by GC / CM / RCM  GC	X X X X X
2435-6 680 2100-1 2400-5 2430 2440 3200 3700-4 3800-2 3900-1 5410 5470-5 5480-3 5500-1 5500-2 5500-3 5700-1 5300-2 5500-3 5700-1	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk CCTV Energy/Building Management System Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater  Water Heater  Water softener HVAC - Test and Balance  Commissioning Visual Verification HVAC  Switchgear - Franchisee  Switchgear - Company  Light Fixtures - Interior and Building Light Fixtures - Site	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate)	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES - TBCCB-Varies TBCCB-Varies TBANS - HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES Square-D and Cutler Hammer	VARIES  VARIES  VARIES  S-546  S-580  S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS  RSCS DIS DIS Contractor GC DIS DIS RSCS  RSCS  Determined by CM or RCM Approved options - GC CM/RCM  GC GC DIS DIS DIS  CONTROW  GC GC GC DIS	Supplier DIS  MARTCO DIS DIS Air Care GC DIS Manufacturer RSCS  RSCS  RSCS  Control Co	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier Manufacturer (Local Installer)  MARTCO GC GC GC GC GC GC (See Vendor Scope - Pepsi Drink System) GC GC Determined by GC / CM / RCM  GC	X X X X X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-2 3900-1 5410 5470-5 5480-3 5500-1 5500-2 5500-3 5700-1 6300-1 6300-2	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk  CCTV Energy/Building Management System  Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater  Water softener HVAC - Test and Balance  Commissioning Visual Verification HVAC  Switchgear - Franchisee  Switchgear - Company  Light Fixtures - Interior and Building	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate)	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES - TBCCB-Varies TBCCB-Varies TBANS - HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES Square-D and Cutler Hammer	VARIES  VARIES  VARIES  S-546  S-580  S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS DIS Contractor GC DIS DIS RSCS DIS DIS RSCS  RSCS  RSCS  Determined by CM or RCM Approved options - GC CM/RCM  GC GC DIS	Supplier DIS  MARTCO DIS DIS Air Care GC DIS Manufacturer RSCS RSCS RSCS; Determine by CM or RCM; Approved options - GC CM/RCM  Air Care Experts Manufacturer  DIS DIS DIS DIS DIS DIS DIS DIS DIS DI	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO GC GC GC GC GC GC (Local Installer)  GC GC (see Vendor Scope - Pepsi Drink System)  GC  GC Determined by GC / CM / RCM  GC	X X X X X X
1435-6 1680 2100-1 2400-5 2430 2440 3200 3700-4 3800-2 3900-1 5410 5470-5 5480-3 5500-1 6300-1 6300-1 6300-2	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk  CCTV Energy/Building Management System  Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater  Water Heater  Water softener HVAC - Test and Balance  Commissioning Visual Verification HVAC  Switchgear - Franchisee  Switchgear - Company  Light Fixtures - Interior and Building Light Fixtures - Site  Telephone Communications	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate)	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES - TBCCB-Varies TBCCB-Varies TBANS - HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES Square-D and Cutler Hammer	VARIES VARIES VARIES S-546 S-580 S-580 N-053 - B-215 B-215	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS  RSCS DIS DIS Contractor GC DIS DIS RSCS  RSCS  Determined by CM or RCM Approved options - GC CM/RCM  GC GC DIS DIS DIS  CONTROW  GC GC GC DIS	Supplier DIS  MARTCO DIS DIS Air Care GC DIS Manufacturer RSCS RSCS RSCS; Determine by CM or RCM; Approved options - GC CM/RCM  Air Care Experts Manufacturer  DIS DIS DIS DIS DIS DIS DIS DIS DIS DI	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO GC GC GC GC GC GC (Local Installer) GC GC (see Vendor Scope - Pepsi Drink System) GC  GC GC Determined by GC / CM / RCM  GC	X X X X X X
11435-6 11680	Artwork  Décor  Fruitista Machine  Iced Tea CO2 - Bulk CCTV Energy/Building Management System Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater  Water Heater  Water softener HVAC - Test and Balance  Commissioning Visual Verification HVAC  Switchgear - Franchisee  Switchgear - Company  Light Fixtures - Interior and Building Light Fixtures - Site	VGS Creative Pallete Custom Seating (Company Supplier, base décor) FCI (Company Supplier, base décor) IDX Equipment Delivery, Install and Activation FBD Equipment Manufacturer Cornelius Taco Bell Engineering Pepsi MVE (bulk tank) NU CO2 (CO2 and service) MARTCO Air Care Experts Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate)	VARIES VARIES VARIES VARIES VARIES VARIES VARIES VARIES E56150000 VARIES VARIES - TBCCB-Varies TBCCB-Varies TBANS - HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES Square-D and Cutler Hammer	VARIES  VARIES  VARIES  S-546  S-580  S-580	DIS - Equipment; GC - Installation & Setup (notify vendor 2 weeks from install date) DIS DIS DIS Contractor GC DIS DIS RSCS DIS DIS RSCS  RSCS  RSCS  Determined by CM or RCM Approved options - GC CM/RCM  GC GC DIS	Supplier DIS  MARTCO DIS DIS Air Care GC DIS Manufacturer RSCS RSCS RSCS; Determine by CM or RCM; Approved options - GC CM/RCM  Air Care Experts Manufacturer  DIS DIS DIS DIS DIS DIS DIS DIS DIS DI	Service Agents - ICEE (East) or RepTec (West)  GC / Supplier  Manufacturer (Local Installer)  MARTCO GC GC GC GC GC GC (Local Installer)  GC GC (see Vendor Scope - Pepsi Drink System)  GC  GC Determined by GC / CM / RCM  GC	X X X X X X



	DATE	REMARKS
	03.11.22	Issued for Permit
	04.29.22	Issued for Bid

CONTRACT DATE: 01.24.22
BUILDING TYPE: END. MED20
PLAN VERSION: MARCH 2021
BRAND DESIGNER: DICKSON
SITE NUMBER: 315289
STORE NUMBER: 456917
PA/PM: JW
DRAWN BY.: MS
JOB NO.: 2021088.41

TACO BELL

5964 West Modglin Dr. Greenfield, IN 46140



ENDEAVOR 2.0
SCOPE OF
WORK

SV1.0
PLOT DATE: 4/28/2022 8:18:01 AM

			Installation, Start Up and Pre-Com	miss	ioni	ng (	Chec	klist		
					= R	espoi	nsible	Party		ت ت
				Init	4	•	Compl	•		CA-Commissioning Agent Functional Verification ICA Contracted by Owner)
)	RTO			_	<del>-</del>	ical	<u> </u>	ce		CA-Commissioning Age Functional Verification
	Multi-Speed RTU	nce #		eneral ctor	EC - Electrical Contractor	MC-Mechanical	mbing	AB-Air Balance Agency		mmiss onal V
	Multi-(	Reference #	PROCESS	GC - General Contractor	EC - Electri	MC-Mecha	Contractor Contractor	AB-Air E Agency	Remarks	CA-Cor Function
	_	1	Package Units Reference and abide to all instructions in manufacturers Installation, Startup,		П	T = (	, a (	« T	1	
	Х	2	Operation and Maintenance literature							
	X		Units are set level Unit and plenums align to each other							
	Х		Units and plenums are properly sealed to each other All loose shipped components are relocated and installed per manufacturers							
	X	6	instructions  a) economizer eyebrow, skirts and mist eliminator installed				_			
	Х	8	b) economizer dampers and linkage installed and operable							
	X	9 10	c) economizer wiring connected and completed d) relief damper or power exhauster installed and operable							
	х	11	e) smoke detectors and sample tubes relocated and installed per manufacurers instructions							
-	X	12 13	Utilities are installed and ON to the units  a) power on and breakers sized to unit rating					]		
1	Х	14	b) phases correct			J				
1	X	15 16	c) gas on d) gas gooseneck or pipe capacity meets or exceeds unit capacity							
	X	17 18	e) condensate line is piped per plan f) condensate vent is on leaving side of trap							
1		19	No thermostat, smoke detector, remote enunciator or any other wiring runs			T	7			
	X	20	though the plenums  Manufacturers start up procedure has been followed and all units evaporator fan							
1	Х	21	operates through all fan stages per manufacturers instructions							
	Х	22	Manufacturers start up procedure has been followed and all units cycle through all heating stages per manufacturers instructions							
	х	23	Manufacturers start up procedure has been followed and all units cycle through all cooling stages per manufacturers instructions							
	Х	2/1	Manufacturers start up procedure has been followed and all units cycle through all economizer stages per manufacturers instructions							
1		25 26	<u> </u>							
		27	Dustrusuli							
	Х	29	Ductwork All ductwork and registers are installed per plan							
1	X		All starters and or take offs are radiused per plan.  Ductwork from the exhaust register over production line to EF-2 fan base is 100%							
1	Х	31	rigid per plan Balance dampers are in sleeves on axles with locking quadrant, not located in any							
	X	32	starter collars, "T"s or "Y"s and located per plan							
	Х	34	Balance damper handles are flagged to identify their location							
$\int$		35 36	Economizer							
1	X	37 38	All mechanical components related to the economizer have been installed "Blank off" plate under economizer eyebrow has been installed							
1	Х	39	Barometric relief damper operates freely Input sensors for the Economizer have been properly located and connected to							
	Х	40	the Economizer							
	Х	41	Economizer has been tested to perform "Free" cooling when ambient conditions are below 55 degrees							
	X		Mechanical cooling stages on when Economizer cooling is not available  Mechanical cooling stages on with the Economizer cooling when conditioned							
	X		space temperature rises and requires two stage cooling Economizer damper positions to minimum damper position when set							
1		45	Smoke Detectors							
	Х		Smoke Detectors  Smoke detector option has been included in package unit				_			
	х		Return side smoke detector has been relocated from its shipping position to the							
	, ;		factory provided installation location in the return section of the package unit							
1	X		All smoke detector sample tubes are properly located per manufacturers design The return smoke detector in each unit has been tested for unit shutdown							
-	X		The supply smoke detector in each unit has been tested for unit shutdown							
	Х		Visual Verification installation certification document has been requested (certify@ace-bcx.com)and completed							
1	1		Remote Smoke Detector Enunciators and Resets							
1	х	55	A remote smoke detector enunciator and reset has been installed in the managers office for each package unit							
1	Х	56	RTU 1 supply side smoke detector alarm sets off the visual and audible remote  After triggering RTU 1 supply side smoke detector alarm, resetting the remote							
	Х	5/	smoke detector reset for RTU 1 returns RTU 1 to normal operation							
	Х	58	RTU 1 return side smoke detector alarm sets off the visual and audible remote enunciator alarms and shuts down RTU 1							
	х	59	After triggering RTU 1 return side smoke detector alarm, resetting the remote smoke detector reset for RTU 1 returns RTU 1 to normal operation							
1	х	60	RTU 2 supply side smoke detector alarm sets off the visual and audible remote enunciator alarms and shuts down RTU 2							
	Х	61	After triggering RTU 2 supply side smoke detector alarm, resetting the remote							
1	X		smoke detector reset for RTU 2 returns RTU 2 to normal operation RTU 2 return side smoke detector alarm sets off the visual and audible remote							
	^		enunciator alarms and shuts down RTU 2 After triggering RTU 2 return side smoke detector alarm, resetting the remote							
1	Х	63	smoke detector reset for RTU 2 returns RTU 2 to normal operation  Visual Verification installation certification document has been requested							
	Х		(certify@ace-bcx.com)and completed							
	1		Power Exhauster							
1	X		Power Exhauster has been installed Power Exhauster "On" setpoint has been set and turns on and off at correct							
1	хΙ	68						1	1	1

Installation, Start Up and Pre-Commissioning Checklist								CAUTION:	THIS SHEET IS NOT 22"x34" IT IS A REDUCED PRINT
## RESPONDED FORM  ## A STATE When Considered and State of the Considered and State of				Installation, Start Up and Pre-Com	niss	ioni	ng Checklist		
PROCESS    Process   Proce				,					
The companies of the					Init	_		Agent	
The companies of the		3TU					<u>.</u>	oning	GPD GROUP, INC.
The companies of the	d RTU	beed F	# eo		neral tor	ctrical tor	chanic tor nbing tor salanc	ımissi nal Ve	· ·
The companies of the	andar	ulti-Sp	feren	PROCESS		: - Elec ontrac	C-Meontrac ontrac ontrac ontrac gency	A-Com	330.572.2100 FAX: 330.572.2102
The content of the	St	Σ	69		6 3	<u> </u>		Memary 2 F	
The content of the	×	X							
Section   Company   Comp	X	Х	72	·					
The content of the	×	X		fire suppression system microswitch per detail					
Section   Continue		_		If present, electronic gas valve is wired through TBANS					
Section   Community   Commun	×	Х		discharge event					
Transport   Tran	×	x	//						
Registrate processes to existed a protogol protegor processes and color progs of relating as a foreign pro	F								
Part   Continued   Part   Pa	E			Thermostat					
A   S   S   S   S	×	Х	81						
Text	×	Х	82	wired and controled from their thermostat.					
Note   1	×	Х	83						
No.				Thermostats are wired to TBCCB Control Box per Detail on plan sheet E-6					-
No.   10   10   10   10   10   10   10   1	Н	Н							
Section   Sect	┕	$\perp$		·					- I
Total Content of the Content of th	Е	$\Box$	88						
Section   Sect	X	Х	90	Hoodstat is wired to terminals TB2 of the TBCCB Control Box					
DCCA   Interface	Ľ	X		Hoodstat microswitch closes at 85 degrees					
A   N   D	H	Н		TBCCB & Interlock					
X   St   St   St   St   St   St   St	×	х	95						
S   N   S   S   S   S   S   S   S   S	×	Х	96	Hoodstat wires are landed on terminals TB2 of the TBCCB Control Box					
X   X   39   Photographic lawfort on the TDCCD per equal	×	X	4/	Control Box					
N   4   500	×	Х		Control Box					
No.   1		$\Box$		Photocell is wired to the TBCCB per detail					
Channel Country   A   10   Country   A   10   Country   A   Country	Н	Н							
N   N   N   N   N   N   N   N   N   N	L <sup>×</sup>	X	101	·					
A   N   Col.   Contriguence-box-comland completed     Contriguence-box-comland completed     Col.	×	X		Channel/Switch 2 of the Timeclock in TBCCB Control Box					
No.   Visual Verification installation certificate has been received for Smoke Detectors	×	X	103	·					DATE REMARKS
X   X   DS   Susual Varification installation certificate has been received for Smoke Detectors   Detectors known control of the Part of				Visual Verification					County and Utility
X   100   Detectors Emministators and Resets	×	x	106	Visual Verification installation certificate has been received for Smoke Detectors					
X   100   Semonte Sentors installation   100.052   National State   100.0	×	x	107						
Section   Sect	×	х	108						CONTRACT DATE: 10.05.21
Valuation   Valu	×	х	100	Visual Verification installation certificate has been received for TBANS-1					
X	Х	х	110						PLAN VERSION: MARCH 2021
112   113   114   Ughting	×	х	111	Visual Verification installation certificate has been provided to designated					
114   Lighting			112	additioner, Commer, Commissioning Agency)					
X X 115   Interior lights are wired through the TBCCB per plan and schematic   DRAWN BY: JOB NO: 2021084.41	E			Lighting					
X   117		$oldsymbol{oldsymbol{\sqcup}}$							
X   X   118				, ,					JOB NO.: 2021088.41
X X 119		$\perp$	11/	daylight harvesting and or dimming of interior lights					TACO BELL
X   X   121   TBCCB timeclock is programmed to Taco Bell parameters   X   X   122   Manual override of TBCCB control box timeclock activates lighting circuits   123   124   Commissioning   X   X   125   126   127   All Visual Verification installation certificates have been received   127   All Palance Supplement   128   All Palance Supplement   129   Perform full fan speed adjustments after exhaust fan adjustments and supply air distribution adjustments have been made   Perform outside air adjustment after all other balance adjustments are complete   Perform outside air adjustment after all other balance adjustments are complete   Perform outside air adjustment at full evaporator fan speed operating point   Perform outside air adjustment at low fan speed operating point   Perform outside air adjustment at low fan speed operating point   Perform outside air adjustment at low fan speed operating point   Perform outside air adjustment at low fan speed operating point   Perform outside air adjustment at low fan speed operating point   Perform outside air adjustment at low fan speed operating point   Perform outside air adjustment at low fan speed operating point   Perform outside air adjustment at low fan speed operating point   Perform outside air adjustment at low fan speed operating point   Perform outside air adjustment at low fan speed operating point   Perform outside air adjustment at low fan speed operating point   Perform outside air adjustment at low fan speed operating point   Perform outside air adjustment at low fan speed operating point   Perform outside air adjustment at low fan speed operating point   Perform outside air adjustment at low fan speed operating point   Perform outside air adjustment at low fan speed operating point   Perform outside air adjustment at low fan speed operating point   Perform outside ai	X	Х	119	Exterior lights are wired to the TBCCB control box per plan and schematic					
123	X	Х	121	TBCCB timeclock is programmed to Taco Bell parameters					
X   125	Ľ	^	123				ı		
Air Balance Supplement   Salaricing performed in accordance to ASHRAE Standard 111-2008, NEBB, TABB or AABC standards   AAB	X	Х	125	_					
X   X   128   AABC standards   Perform full fan speed adjustments after exhaust fan adjustments and supply air distribution adjustments have been made				Air Balance Supplement					
Reperform full fan speed adjustments after exhaust fan adjustments and supply air distribution adjustments have been made   Reperform outside air adjustment after all other balance adjustments are complete	Х	х	128						BELL.
Perform outside air adjustment after all other balance adjustments are complete	X	х	129	Perform full fan speed adjustments after exhaust fan adjustments and supply air					
X X 131 Perform outside air adjustment at full evaporator fan speed operating point  X 132 Perform outside air adjustment at medium fan speed operating point  Perform outside air adjustment at low fan speed operating point  X X 133 Perform outside air adjustment at low fan speed operating point  Yerify lobby doors closures have been adjusted for ADA compliance  Verify lobby doors closure operation during full economizer function of both package units and note result in air balance report  X X 136 Verify pressure relief system operation in full economizer operation  X X 137 Note if no power exhauster "ON" and "OFF" positions to mitigate door closure issues.  Note if no power exhauster is available.	X	х	130						
X   132   Perform outside air adjustment at medium fan speed operating point   X   133   Perform outside air adjustment at low fan speed operating point   Yerify lobby doors closures have been adjusted for ADA compliance   Yerify lobby doors closure operation during full economizer function of both package units and note result in air balance report   X   X   136   Verify pressure relief system operation in full economizer operation   Adjust power exhauster "ON" and "OFF" positions to mitigate door closure issues.   Note if no power exhauster is available.   Note if no power exhauster is available.   PRE-COMM CHECK LIST	X	x	121						
X   133   Perform outside air adjustment at low fan speed operating point  X   X   134   Verify lobby doors closures have been adjusted for ADA compliance  X   X   135   Verify lobby doors closure operation during full economizer function of both package units and note result in air balance report  X   X   136   Verify pressure relief system operation in full economizer operation  X   X   137   Adjust power exhauster "ON" and "OFF" positions to mitigate door closure issues.  Note if no power exhauster is available.		Ш	132	Perform outside air adjustment at medium fan speed operating point					
X X 136 Verify pressure relief system operation in full economizer operation  X X 137 Adjust power exhauster "ON" and "OFF" positions to mitigate door closure issues.  Note if no power exhauster is available.	X	X	134	Verify lobby doors closures have been adjusted for ADA compliance					
X X 136 Verify pressure relief system operation in full economizer operation  X X 137 Adjust power exhauster "ON" and "OFF" positions to mitigate door closure issues.  Note if no power exhauster is available.	Х	x	135						
Note if no power exhauster is available.			136	Verify pressure relief system operation in full economizer operation					
			13/	Note if no power exhauster is available.					



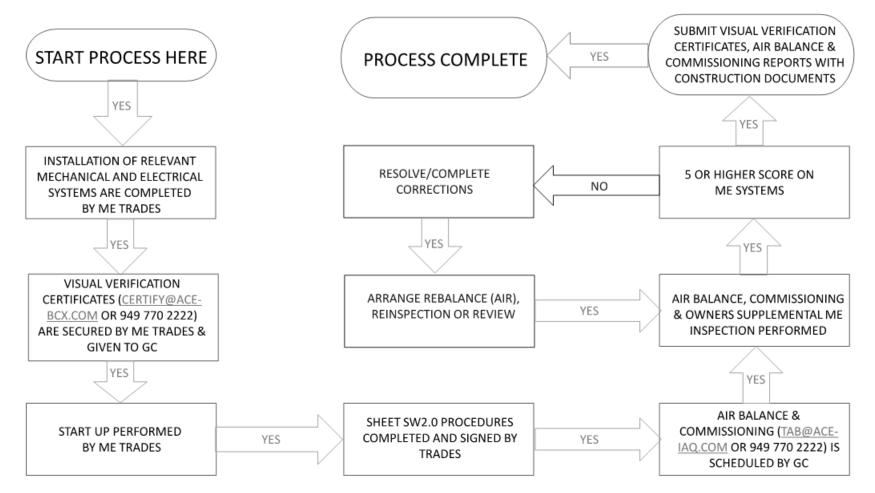
GPD GROUP, INC.	)

	DATE		REMARKS
1	03/22/22	Cour	sioin #1 - nty and Utility ments
	04/29/22	Issue	ed for Bid
CONTRACT DATE:			10.05.21
BUIL	DING TYPE		END. MED20
PLA	N VERSION:		MARCH 2021
BRA	ND DESIGN	ER:	DICKSON
SITE	NUMBER:		315289
STORE NUMBER:			456917
PA/PM:			JW
DRA	.WN BY.:		

2021088.41



### MECHANICAL – ELECTRICAL (ME) BALANCING & COMMISSIONING SEQUENCE & PROCEDURE



	DATE	REMARKS
1	03/22/22	Revisioin #1 - County and Utility Comments
	04/29/22	Issued for Bid

10.05.21

CONTRACT DATE: BUILDING TYPE: END. MED20

PLAN VERSION: MARCH 2021 BRAND DESIGNER:

SITE NUMBER: STORE NUMBER:

DRAWN BY.:

2021088.41

TACO BELL

5964 West Modglin Dr. Greenfield, IN 46140



**ENDEAVOR 2.0 BALANCING** AND COMISSIONING **SEQUENCE**