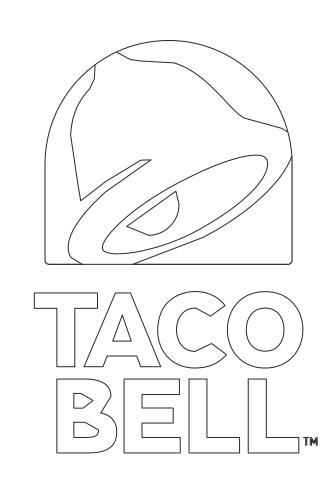
GREAT LAKES TACO, LLC

WALTON BOULEVARD PONTIAC, MI 48340

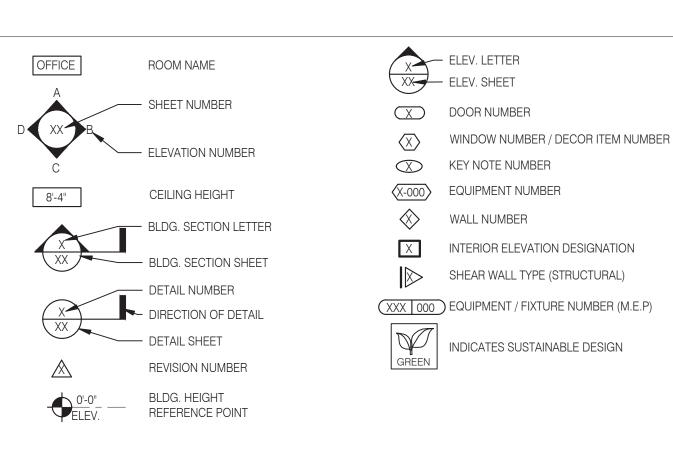


- A. ALL WORK SHALL CONFORM TO THE 2015 EDITION OF THE MICHIGAN BUILDING CODE, AND ALL OTHER APPLICABLE CODES, STANDARDS, AND REGULATIONS OF THE CITY OF PONTIAC AND OAKLAND COUNTY.
- B. IT IS INTENDED THAT A COMPLETE OCCUPIABLE BUILDING PROJECT IS PROVIDED
- C. THE GENERAL CONDITIONS OF THE CONTRACT 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, REVISE DATED APRIL 8, 2022, PREPARED BY KEM-TEC AND SHALL BE INCLUDED IN THE CIVIL ENGINEER'S PACKAGE OF DOCUMENTS.
- E. THIS BUILDING HAS BEEN DESIGNED WITHOUT A GEOTECHNICAL INVESTIGATION AND REPORT BEING COMPLETED PRIOR TO COMPLETION OF THESE PLANS. THE FOUNDATIONS WERE DESIGNED BASED UPON THE MINIMUM DESIGN ALLOWANCE IN THE 2015 MICHIGAN BULDING CODE WITH THE PROJECT'S FOUNDATIONS CONTRACTOR RETAINING THE SERVICES OF A GEOTECHNICAL ENGINEER TO COMPLETE GEOTECHNICAL INVESTIGATION AND PROVIDE WRITTEN REPORT(S).
- 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 GREAT LAKES TACO. L.L.C. CONSTRUCTION MANAGER, IN WRITING, PRIOR TO INSTALLATION.
- H. RETAIN THE SERVICES OF THE GEOTECHNICAL ENGINEER TO PROVIDE BORINGS, REPORTSM OBSERVATION AND TESTING SERVICES BEFORE AND DURING THE GRADING (INCLUDING UTILITY TRENCHES) AND FOUNDATION PHASE OF CONSTRUCTION. ALL TESTING AND INSPECTION REPORTS, INCLUDING FINAL SUMMATION LETTER, SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT AND OWNER. G.C. SHALL CERTIFY PAD ELEVATION WITH CIVIL ENGINEER PRIOR TO START OF FOUNDATION WORK.
- I. 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. GRAT LAKES TACO, L.L.C. WILL PAY FOR F"CONNECTION FEES" ASSOCIATED WITH UTILITY PERMITS. PAY FOR TEMPORARY FACILITIES FEES AS REQUIRED TO COMPLETE THE WORK IN A TIMELY MANNER.
- J. GREAT LAKES TACO, L.L.C. CONSTRUCTION MANAGER SHALL PROVIDE EACH SUBCONTRACTOR WITH A COMPLETE AGENCY-PERMITTED DRAWING SET AT TIME OF CONSTRUCTION AND PRIOR TO COMMENCING WORK.
- K. ALL ABBREVIATIONS INCLUDED FOLLOW INDUSTRY STANDARDS. CONTACT ARCHITECT IF ANY ABBREVIATIONS ARE NOT CLEAR.
- L. GC SHALL SUPPLY AND INSTALL ALL ASPECTS OF THE PROJECT DESCRIBED IN THIS DRAWING SET UNLESS OTHERWISE NOTED. SEE SCOPE OF WORK FOR EXCEPTIONS.
- M. GRAPHIC AND WRITTEN INFORMATION ON DRAWINGS SHALL BE COORDINATED WITH ALL TRADES PRIOR TO INSTALLATION.
- 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.

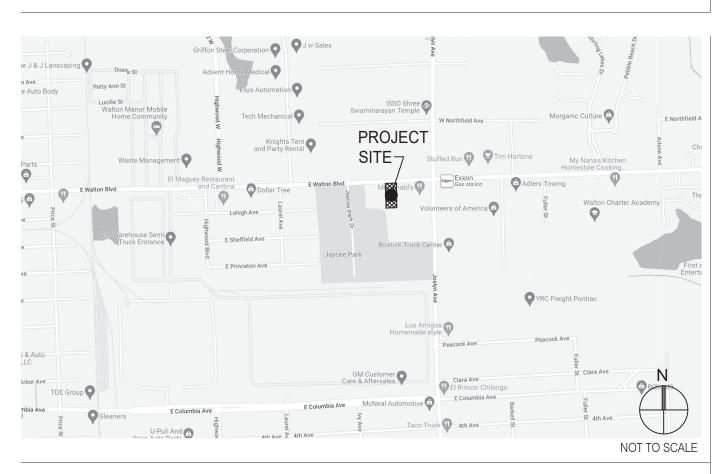


PROJECT GENERAL NOTES



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

GENERAL DRAWING SYMBOLS



VICINITY MAP

	CITY OF PONTIAC, OAKLAND COUNTY, MICHIGAN 2015 MICHIGAN BUILDING CODE					
			AND LISEARI E	BUILDING AD FACILITIES (A117-20)(10)	
	GAN MECHANIC			BOILBIIVO / NOILITILO (XITT LO	700)	
	GAN PLUMBING		· <u>_</u>			
			(NFC) WITH N	IICHIGAN AMENDMENTS		
FIRE: 2017 NFPA		, 12 0 0 2 2	_ (0)			
	GAN ENERGY (CODE (IE	CC 2015)			
	OOD LAW, AC			DED		
	,		,			
BUILDING AREA: 2,204 S.F. G	ROSS					
	R, 0 EXTERIOR					
OCCUPANCY: A2	•					
TYPE CONSTRUCTION: TYPE VB - U	INPROTECTED					
TYPE	ARE	A	FACTOR	OCCUPANTS		
DINING ROOM	468	S.F.	1:15 S.F.	31		
QUEUING	61	S.F	1:5 S.F.	12		
KITCHEN	657	S.F.	1:200 S.F.	3		
OFFICE	63	S.F.	1:100 S.F.	1		
ACCESSORY STORAGE	490	S.F.	1:300 S.F.	2		
ACCESSORY RESTROOMS & PASSAG	iE 209	S.F.	0	0		
TOTAL				49		

PROJECT SUMMARY

# PHONE LINES:	25 PAIR CABLE IN 2" CONDUIT
ELECTRIC SERVICE:	600 AMPS / 3 PHASE / 120-208 VOLT
GAS:	785,000 BTUH
WIND SPEED:	115 M.P.H. / EXPOSURE C
SEISMIC:	USE GROUP II - DESIGN CATEGORY B
ROOF LIVE LOAD:	20 P.S.F.

DESIGN CRITERIA

PART OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 16, TOWN 3 NORTH, RANGE 10 EAST, CITY OF PONTIAC, OAKLAND COUNTY, MICHIGAN, BEING MORE PARTICULARLY DESCRIBED AS: BEGINNING AT A POINT ON THE SOUTH LINE OF WALTON BOULEVARD (120.00 FEET WIDE), DISTANT SOUTH 02 DEGREES 02 MINUTES 45 SECONDS EAST 59.35 FEET ALONG THE NORTH AND SOUTH 1/4 LINE OF SAID SECTION 16 AND SOUTH 87 DEGREES 31 MINUTES 16 SECONDS WEST ALONG THE SOUTH LINE OF WALTON BOULEVARD (120.00 FEET WIDE) 534.43 FEET FROM THE NORTH 1/4 CORNER OF SAID SECTION 16; THENCE SOUTH 02 DEGREES 28 MINUTES 24 SECONDS EAST 229.92 FEET; THENCE SOUTH 87 DEGREES 05 MINUTES 01 SECONDS WEST 141.00 FEET; THENCE NORTH 02 DEGREES 31 MINUTES 16 SECONDS EAST 141.00 FEET TO POINT OF BEGINNING.

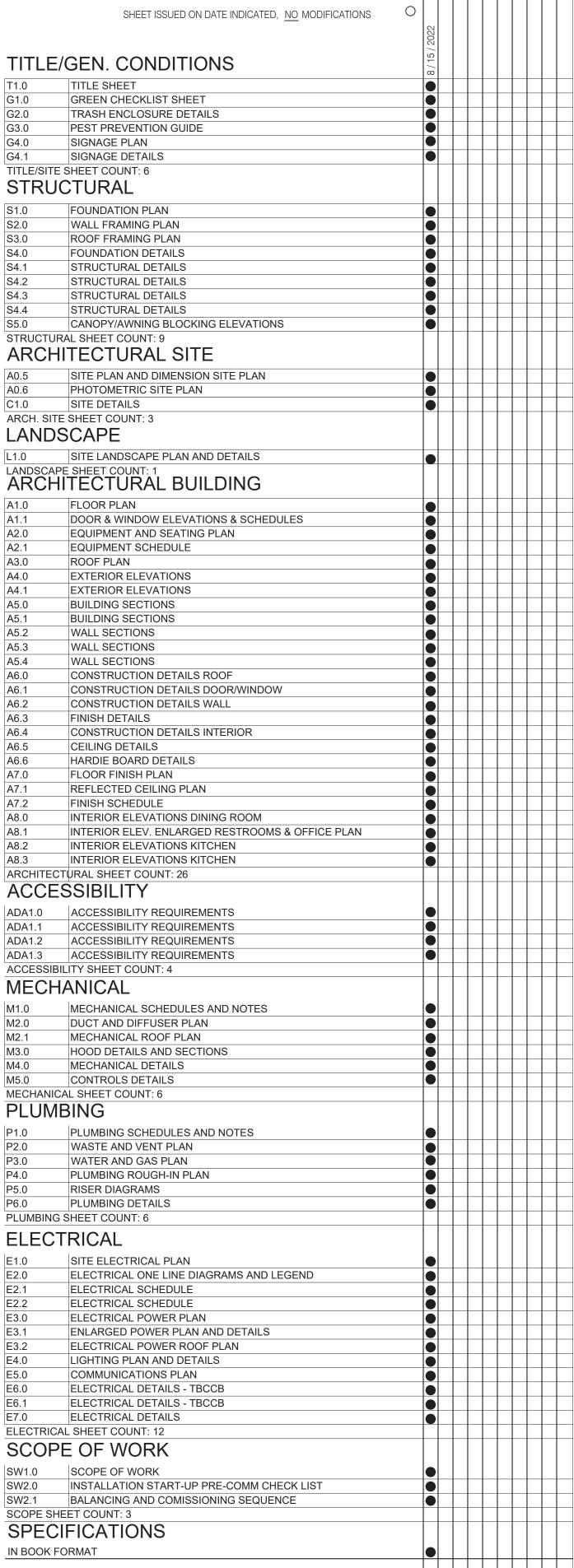
PARCEL LEGAL DESCRIPTION

OWNER GREAT LAKES TACO, LLC 8487 RETREAT DRIVE GRAND BLANC, MI 48439 CONTACT: BOB GRABOWSKI PHONE: 810.771.4500	ARCHITECT L+A ARCHITECTS, INC. 441 S. LIVERNOIS, SUITE 265 ROCHESTER HILLS, MI 48307 CONTACT: GREG LAUTZENHEISER PHONE: 248.524.4700
CONSTRUCTION MANAGER DORTCH ENTERPRISES, LLC 8487 RETREAT DRIVE GRAND BLANC, MI 48439 CONTACT: BOB GRABOWSKI PHONE: 810.771.4500	STRUCTURAL ENGINEER BORYN ENGINEERING 4780 BIRKDALE DRIVE COMMERCE TOWNSHIP, MI 48382 CONTACT: ED BORYN PHONE: 248.360.3717
CIVIL ENGINEER KEM-TEC & ASSOCIATES 22556 GRATIOT AVENUE EASTPOINTE, MI 48021 CONTACT: GREG EZZO PHONE: 810.712.8849	M/E/P ENGINEER EAM ENGINEERS 180 HIGH OAK ROAD BLOOMFIELD, MI 48304 CONTACT: GENE SIMO PHONE: 248.528.2670
LANDSCAPE ARCHITECT C/O DORTCH ENTERPRISES, LLC 8487 RETREAT DRIVE GRAND BLANC, MI 48439 CONTACT: BOB GRABOWSKI PHONE: 810.771.4500	

PROJECT DIRECTORY

SEWER (COMPANY) (ADDRESS) (CITY, STATE, ZIP) CONTACT: PHONE:	TELEPHONE (COMPANY) (ADDRESS) (CITY, STATE, ZIP) CONTACT: PHONE:
WATER (COMPANY) (ADDRESS) (CITY, STATE, ZIP) CONTACT: PHONE:	DEPT. OF TRANSPORTATION (COMPANY) (ADDRESS) (CITY, STATE, ZIP) CONTACT: PHONE:
GAS (COMPANY) (ADDRESS) (CITY, STATE, ZIP) CONTACT: PHONE:	CABLE / INTERNET (COMPANY) (ADDRESS) (CITY, STATE, ZIP) CONTACT: PHONE:
ELECTRIC (COMPANY) (ADDRESS) (CITY, STATE, ZIP) CONTACT: PHONE:	OTHER (COMPANY) (ADDRESS) (CITY, STATE, ZIP) CONTACT: PHONE:

UTILITY CONTACTS



SHEET ISSUED ON DATE INDICATED, WITH MODIFICATIONS







ARCHITECTS
INC. A.I.A

441 S. LIVERNOIS ROAD
SUITE 265

SUITE 265 ROCHESTER HILLS, MI 48307 PHONE FAX (248) 524-4700 (248) 524-9746

PRO IECT # 2

	PROJECT # 21017						
		DATE	REMARKS				
-							
-							

CONTRACT DATE:

BUILDING TYPE: END. MED 40

PLAN VERSION: MARCH 2021

BRAND DESIGNER:
SITE NUMBER:
STORE NUMBER:

PA/PM:

DRAWN BY.: JOB NO.:

GREAT LAKES
TACO, LLC
Walton Boulevard
Pontiac, Michigan 48340



ENDEAVOR 2.0
TITLE SHEET

T1.0

PLOT DATE: 8/15/20

CHECK LIST NUMBER EXPLANATION:

THE CHECKLIST NUMBERS BELOW ALIGN WITH THE CREDIT NUMBERS IN THE YUM BLUELINE SYSTEM WEBSITE. FOR FURTHER DETAIL GO TO THE FOLLOWING WEB ADDRESS. NOTE: FOLLOW THE "REQUIRED" AND "OPTIONAL" DESIGNATION ON THIS SHEET RATHER THAN THE ONES ON THE YUMBLUELINE WEBSITE. THE SYSTEM HAS BEEN SETUP SO THAT IF YOU DO THE "REQUIRED" ITEMS ON THIS LIST YOUR RESTAURANT WILL MEET THE YUMBLUELINE REQUIREMENTS.

- GO TO THE REFERENCE VERSION OF THE YUM BLUELINE WEBSITEAT: " WWW.YUMBLUELINE.COM "
 IN THE "USER" SECTION CHOOSE " GENERAL " FROM THE PULL DOWN MENU

	3. IN THE "PASSWORD" SECTION TYPE IN " <u>J212J*KLA!</u> "					
"It soldies who		P = INDICATES THAT	SCOPE IS ALREADY IN THE PROTOTYPE DRAWINGS		aucilo ¹⁴	P = INDICATES THAT SCOPE IS ALREADY IN THE PROTOTYPE DRAWINGS
ERSBUTT ONE TRUCTION ON THE COMPANIE ON THE CO	FERSIBILITY ONE	* = INDICATES OPT	ONAL ITEMS	FEASIBILITY OF SIGN ONES	L. COMMIS	* = INDICATES OPTIONAL ITEMS
FORMALDEHYDE LIMITS MAXIMUM FORMALDEHYDE EMISSIONS IN PARTS PER MILLION		37.1 RECYLING (REQUIRED) A. PROVIDE DEDICATED RECYCLING SPACE IN THE D ACCOMMODATE PLASTIC, PAPER AND OIL.	NING ROOM, KITCHEN AND SITE. RECYCLING SHOULD *	*		CONTAMINATED SITES (OPTIONAL) IF YOU ARE DEVELOPING A SITE SUCH AS A GAS STATION THAT REQUIRES REMEDIAL WORK CHECK THIS BOX.
PRODUCT CURRENT			D ON THE PLANS.YUM.COM. UNLESS APPROVED THE			LOCATION COMMITMENT (REQUIRED) COMMIT TO STAY IN THE SAME LOCATION FOR 10 YEARS OR MORE.
HARDWOOD PLYWOOD VENEER CORE HARDWOOD COMPOSITE CORE PARTICLE BOARD OCHOROLOGY	05 09	37.2 COOKING OIL RECYCLING (REQUIRED) COLLECT COOKING OIL AND PROVIDE TO A THIRD PARTY VENI	OOR FOR RECYCLING.			PAY UTILITIES DIRECTLY (REQUIRED) IF SITE IS LEASED INSURE THAT TACO BELL WILL PAY THE UTILITIES DIRECTLY RATHER THAN ALLOWING THE LANDLORD TO PAY THEM. THIS
MEDIUM DENSITY FIBER BOARD THIN MEDIUM DENSITY FIBERBOARD 0.1	*	37.3 CARDBOARD RECYCLING (OPTIONAL) COLLECT USED CORRUGATED CARDBOARD AND PROVIDE TO	A THIRD PARTY VENDOR FOR RECYCLING .	,	2.2	WILL ALLOW TACO BELL TO TRACK UTILITY EXPENSES EASILY. PROXIMITY TO BUS STOP (OPTIONAL)
VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED TOXIC CONTROL MEASURE FOR COMPOSITE WOOD AS TEST THIN MEDIUM DENSITY FIBERBOARD HAS A MAXIMUM THICKI	ED IN ACCORDANCE WITH ASTM E 1333.	38. AIR VENTILATION (REQUIRED) 1. PROVIDE AIR VENTILATION AND EXHAUST RATES PI 2. PROVIDE FRESH AIR PER YUM BLUELINE.	ER YUM BLUELINE.	Î P	3.0	SITE IS WITHIN 1/4 A MILE OF A BUS STOP. BICYCLE FACILITIES (REQUIRED) PROVIDE DEDICATED BICYCLE LOCKABLE PARKING FOR A MINIMUM OF TWO BICYCLES. PROVIDE CHANGING AREA AND LOCKABLE
VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS (CONT GRAMS OF VOC PER LITER OF COATING, LESS WATER & LESS EXI		39.1 NO SMOKING (REQUIRED) A. MAINTAIN A POLICY OF NOT SMOKING WITHIN THE	RESTAURANT			STORAGE FOR A MINIMUM OF TWO PEOPLE. SINGLE OCCUPANCY TOILET ROOMS WILL SUFFICE AS A CHANGING AREA. PARKING (OPTIONAL)
SPECIALTY COATINGS CURRENT VOC • ROOF COATINGS 50	CLIMIT	B. PROHIBIT SMOKING WITHIN 25 FEET OF THE RESTA	AURANT	^ <u> </u>		DO NOT EXCEED PARKING SPACES REQUIRED BY LOCAL ZONING. SEE CREDIT 5. PROVIDE 5% PREFERRED PARKING FOR CARPOOL. WHITE ROOF (REQUIRED)
• RUST PREVENTATIVE COATINGS 25 • SHELLACS		GC TO PROVIDE A IAQ MANAGEMENT PLAN WITH BID. START V REQUIRED FOR SITE SPECIFIC CONDITIONS.	VITH THE PROTOTYPE TEMPLATE AND MODIFY AS			PROVIDE WHITE PVC SINGLÉ MEMBRANE ROOF MATERIAL.
CLEAR 730 OPAQUE 550 • SPECIALTY PRIMERS, SEALERS & UNDER-COATINGS 100		A. PROTECT HVAC SYSTEM B. IMPLEMENT POLLUTION SOURCE CONTROL MEASL C. PROTECT STORED MATERIALS	IRES			O CONSTRUCTION POLLUTION CONTROL (REQUIRED) A. CONSTRUCTION POLLUTION CONTROL PLAN. B. SILT FENCING
• STAINS 25 • STONE CONSOLIDANTS 45 • TRAFFIC MARKING COATINGS 100		D. PROTECT INSTALLED MATERIALS E. MAINTAIN CONSTRUCTION SITE HOUSEKEEPING				C. SITE VEHICULAR ACCESS D. WHEEL WASHING E. COVERED LOADS
• TUB & TILE REFINISH COATINGS 42 • WATERPROOFING MEBRANES 25 • WOOD COATINGS 27	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	42. LOW EMITTING MATERIALS (REQUIRED) FINISH MATERIALS SHALL COMPLY WITH THIS SECTION ADHESIVES, SEALANTS AND CAULKS. ADHESIVES, SEALA				F. EXCAVATED SOIL STORAGE G. STORM WATER DRAIN, TRENCH AND PIT DRAIN PROTECTION H. TEMPORARY DIVERSION DITCHES AND BERMS
• WOOD COATINGS • WOOD PRESERVATIVES • ZINC-RICH PRIMERS 35		REQUIREMENTS OF THE FOLLOWING STANDARDS UNLESS OR AIR QUALITY MANAGEMENT DISTRICT RULES APPLY:	MORE STRINGENT LOCAL OR REGIONAL AIR POLLUTION			I. DUST CONTROL J. EXPOSED SLOPE EROSION CONTROL
1. GRAMS OF VOC PER LITER OF LITER OF COATING, INCLUDING 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS REVISED LIM		· · · · · · · · · · · · · · · · · · ·	SIVE PRIMERS, SEALANTS, SEALANT PRIMERS AND CAULKS DLLUTION CONTROL OR AIR QUALITY MANAGEMENT DRULE 1168 VOC LIMITS.		10.2	K. WEEKLY CONTRACTOR INSPECTION 2 BUILDING WATER (REQUIRED)
TABLE. 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED ARCHITECTURAL COATINGS SUGGESTED CONTROL MEASUF	' I I I	, , , , , , , , , , , , , , , , , , ,	DF ADHESIVES, AND SEALANT OR CAULKING COMPOUNDS I DO NOT WEIGH MORE THAN 1 POUND AND DO NOT			PROVIDE PLUMBING FIXTURES AS SPECIFIED IN THE PROTOTYPE DRAWINGS, SPECIFICATIONS AND EQUIPMENT MODEL. 2 PROCESS WATER (REQUIRED)
FROM THE AIR RESOURCES BOARD. COATING CATEGORY CURRENT VOC		CONSIST OF MORE THAN 16 FLUID OUNCES) SHAI PAINTS AND COATINGS. ARCHITECTURAL PAINTS AND C	L COMPLY WITH SCAQMD.			ALL WATER USING EQUIPMENT SPECIFIED IN THE PROTOTYPE EQUIPMENT SCHEDULE SHALL BE USED FOR ALL GROUND-UP RESTAURANTS. 1 LANDSCAPE DESIGN (REQUIRED)
• FLAT COATINGS 50		AEROSOL PAINTS AND COATINGS. AEROSOL PAINTS AND				ALL LANDSCAPE DESIGN (** REQUIRED.) ALL LANDSCAPE DESIGNS FOR NEW GROUND-UP RESTAURANTS SHALL FOLLOW THE LANDSCAPE STANDARDS POSTED ON THE PLANS.YUM.COM WEBSITE.
NON-FLAT COATINGS NON-FLAT HIGH GLOSS COATINGS 150	·	VERIFICATION. THE GENERAL CONTRACTOR SHALL PROVING SHALL INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING			13.1	1 IRRIGATION WATER (REQUIRED) SEE LANDSCAPE SPECIFICATIONS A. PROGRAMMABLE IRRIGATION CONTROLLER.
SPECIALTY COATINGS CURRENT VOC • ALUMINUM ROOF COATINGS 40	C LIMIT 0	 MANUFACTURER'S PRODUCT SPECIFICATION. FIELD VERIFICATION OF ON-SITE PRODUCT CONTA 	AINERS.			B. SEPARATE IRRIGATION ZONES C. PROGRAM MAXIMUM IRRIGATION TIMING D. HIGH-EFFICIANCY IRRIGATION SPRINKLER HEADS
BASEMENT SPECIALTY COATINGS 40 BITUMINOUS ROOF COATINGS 50 BITUMINOUS ROOF COATINGS PRIMER 35		ADHESIVE VOC LIMITS ARCHITECTURAL ADHEASIVE APPLICATIONS	CURRENT VOC LIMIT		15.3	E. RAIN SENSOR 3 INTERIOR LIGHTING (REQUIRED)
BOND BREAKER CONCRETE CURING COMPOUNDS 35 CONCRETE / MASONRY SEALERS 100		 CERAMIC TILE DRYWALL, PANEL & COVE BASE 	65			THE CURRENT LIGHTING SPECIFICATIONS SHALL BE USED FOR ALL GROUND-UP PROTOTYPE RESTAURANTS.
• DRIVEWAY SEALERS 50 • DRY FOG COATINGS 150		DRYWALL, PAINEL & COVE BASEMULTI-PURPOSESINGLE PLY ROOFING	50 70 250			2 EXTERIOR LIGHTING (REQUIRED) THE CURRENT LIGHTING SPECIFICATIONS SHALL BE USED FOR ALL GROUND-UP PROTOTYPE RESTAURANTS.
• FIRE RESISTIVE COATINGS 35 • FLOOR COATINGS 100 • FORM-RELEASE COMPOUNDS 25	0 0 0	SPECIALTY APPLICATIONS	CURRENT VOC LIMIT	P		2 SIGN ILLUMINATION (REQUIRED) THE CURRENT SIGNAGE SPECIFICATIONS SHALL BE USED FOR ALL GROUND-UP PROTOTYPE RESTAURANTS.
 HIGH TEMPERATURE COATINGS INDUSTRIAL MAINTENANCE COATINGS LOW SOLIDS COATINGS 120 		PVC WELDINGCPVC WELDINGABS WELDING	510 490 325	Р		.1 EXHAUST HOODS (REQUIRED) THE CURRENT 6'-3" BACK SHELF HOOD DESIGN AND EQUIPMENT PLACEMENT AS SHOWN IN THE GROUND-UP PROTOTYPE RESTAURANT SHALL BE USED.
MAGNESITE CONCRETE COATINGS 45 MASTIC TEXTURE COATINGS 100		PLASTIC CEMENT WELDINGADHESIVE PRIMER FOR WELDING	250 550		19.1	1 LICENSED HVAC ENGINEER (REQUIRED)
 PRETREATMENT WASH PRIMER PRIMERS, SEALERS AND UNDERCOATS REACTIVE PENETRATING SEALERS 35 REACTIVE PENETRATING SEALERS 	0	CONTACT ADHESIVESPECIAL PURPOSE CONTACT ADHESIVESTRUCTURAL WOOD MEMBER ADHESIVE	80 250 140		19.2	USE A LICENSED HVAC ENGINEER FOR SYSTEM SITE ADAPTATION. 2 OPTIMIZE HVAC DESIGN (REQUIRED)
43.1 CONTROLLED BUILDING MATERIAL (REQUIRED) A. IF FLUORESCENT LAMPS ARE USED THEY SHALL NO	T EXCEED 80 PICOGRAMS PER LUMEN HOUR.	TOP & TRIM ADHESIVE SUBSTRATE SPECIFIC APPLICATIONS	250 CURRENT VOC LIMIT			OPTIMIZE HVAC DESIGN SYSTEM PER YUM BLUELINE STANDARDS .0 HVAC EFFICIENCY (REQUIRED)
B. MAINTAIN THE TACO BELL LAMPS POLICY OF ONLY ULIGHTING.		METAL TO METAL PLASTIC FOAMS	30 50			USE THE STANDARD HIGH EFFICENCY (MINIMUM EER 12.0) RTU AS SPECIFIED AND INSTALL PER THE CURRENT PROTOTYPE GROUND UP RESTAURANT.
45.1 THERMAL COMFORT (REQUIRED) INSURE THAT THE HVAC SYSTEM PROVIDES THE FOLLOWING CO	MFORT CONDITIONS, ON AVERAGE:	 POROUS MATERIALS (EXCEPT WOOD) WOOD FIBERGLASS 	50 30	P		.0 ECONOMIZER PERFORMANCE (REQUIRED) USE A FACTORY PROVIDED ECONOMIZER WITH DIFERENTIAL CONTROLS INTEGRAL TO AND COMPATIBLE WITH THE RTU'S SPECIFIED IN THE PROTOTYPE PLAN.
	MAX RELATIVE HUMIDITY MAX RELATIVE HUMIDITY	SEALANT VOC LIMITS	80			.1. HOT WATER EFFICIENCY (REQUIRED)
KITCHEN COOLING	73-78 F 60% 68-73 F 60%	(LESS WATER AND LESS EXEMPT COMPOUNDS IN GRAMS SEALANT	PER LITER) CURRENT LIMIT		23.1	USE THE WATER HEATER SPECIFIED IN THE TACO BELL PROTOTYPE. 1 REFRIGERANTS (REQUIRED)
	66-71 F 80 F OR OFF	ARCHITECTURAL MARINE DECK	250 760			DO NOT USED BANNED REFRIGERANTS. IF YOU USE ANY MODERN RTU YOU WILL NOT USE BANNED REFRIGERANTS 1 REFRIGERATION (REQUIRED)
HEATING (MAXIMUM)	60 F	NON-MEMBRANE ROOFROADWAY	300 250			A. USE THE CURRENT SPÉCIFIED WALK-IN COOLER/FREEZER. SEE CREDIT 24 B. USE THE CURRENT SPECIFIED REACH-IN FREEZER. SEE CREDIT 24
A. AT THE 11 MONTH WARRANTEE THE CM SHALL ADM SURVEY" WITH A RESPONSE RATE OF 75% MINIMUM.		SINGLE PLY ROOF MEMBRANEOTHER	450 420	P	25.1	C. USE THE CURRENT SPECIFIED ICE MAKERS. SEE CREDIT 24 1 COOKING & WASHING EQUIPMENT (REQUIRED)
B. IF 20% OR MORE OF THE RESPONDERS ARE DISSATI CORRECTIVE ACTION UNTIL LESS THAN 20% ARE DISSATI C. IF CORRECTIVE ACTION IS REQUIRED GO BACK AND	TISFIED.	SEALANT PRIMER ARCHITECTURAL	CURRENT LIMIT			A. USE THE CURRENT SPECIFIED FRYER IN THE PROTOTYPE. B. USE THE CURRENT SPECIFIED 3-COMP SINKIN THE PROTOTYPE.
COMFORT STANDARDS. 48.1 LEED TEAM MEMBER (REQUIRED)		NON-POROUS PORUS MODIFIED BITUMINOUS	250 775 500		28.1	.1 BASIC LIGHTING & THERMAL CONTROLS (REQUIRED) A. PROVIDE PROGRAMABLE THERMOSTATSSPECIFIED IN THE PROTOTYPE B. PROVIDE TEMPERATURE SENSOR LOCATIONS AND SPECIFICATIONS ON PLAN
EACH CONSULTANT SHALL HAVE A LEED AP MEMBER ON EACH F	PROJECTS SITE SPECIFIC TEAM.	MARINE DECKOTHER	760 75			C. INSURE PROPER OPERATION OF VENTILATION EQUIMENT OPERATIONS D. PROVIDE LIGHTING CONTROLS FOR INTERIOR ZONES
49.1 COMMISSIONING (REQUIRED) COMMISSIONING REQUIRES UNDERSTANDING THE OWNERS DES DESIGN SO THEY CAN INSURE THAT THEIR DESIGN MEETS WITH	THE OWNER'S REQUIREMENTS. COMMISSIONING ALSO		*	*		E. PROVIDE LIGHTING CONTROLS FOR EXTERIOR ZONES. 3 OCCUPANCY SENSORS (OPTIONAL) ADDIVIDE LIGHTING (INFARED) OCCUPANCY SENSORS FOR 25% OR MOVE OF INTERIOR LIGHTING.
A. THE CONSULTANT SHOULD MODIFY THE OWNER'S PROT					33.1	PROVIDE ULTRASONIC/INFARED) OCCUPANCY SENSORS FOR 25% OR MOVE OF INTERIOR LIGHTING. 1 RECYCLED CONTENT (REQUIRED)
INFORMATION AND INSURE THAT THE SITE SPECIFIC DESIGN MEETS OR EXCEEDS THE OWNER B. THE CONSULTANT, GENERAL CONTRACTOR AND CM SHO					$=$ \parallel	USE MATERIALS THAT HAVE A MINIMUM OF 10% RECYCLED MATERIALS. (NOTE: GETTING THE CALCULATIONS IN PROCESS) .1 CONSTRUCTION WASTE MANAGEMENT (REQUIRED)
THE SITE SPECIFIC PROJECT RESULTS MEETS OR EXCEE						A. THE CONTRACTOR SHALL RECYCLE A MINIMUM OF 50% OF ALL CONSTRUCTION WASTE AND PROVIDE RECORDS PER YUM BLUELINE. 75% IS PREFERRED. B. THE GENERAL CONTRACTOR SHALL PROVIDE A CONSTRUCTION WASTE MANAGEMENT PLAN TO THE CONSTRUCTION
						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.





441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307

PHONE

(248) 524-4700 (248) 524-9746

PRO.IFCT # 21017

DATE	REMARKS					

CONTRACT DATE: BUILDING TYPE: END. MED 40

315286

PLAN VERSION: MARCH 2021 BRAND DESIGNER: SITE NUMBER:

STORE NUMBER:

PA/PM:

DRAWN BY.:

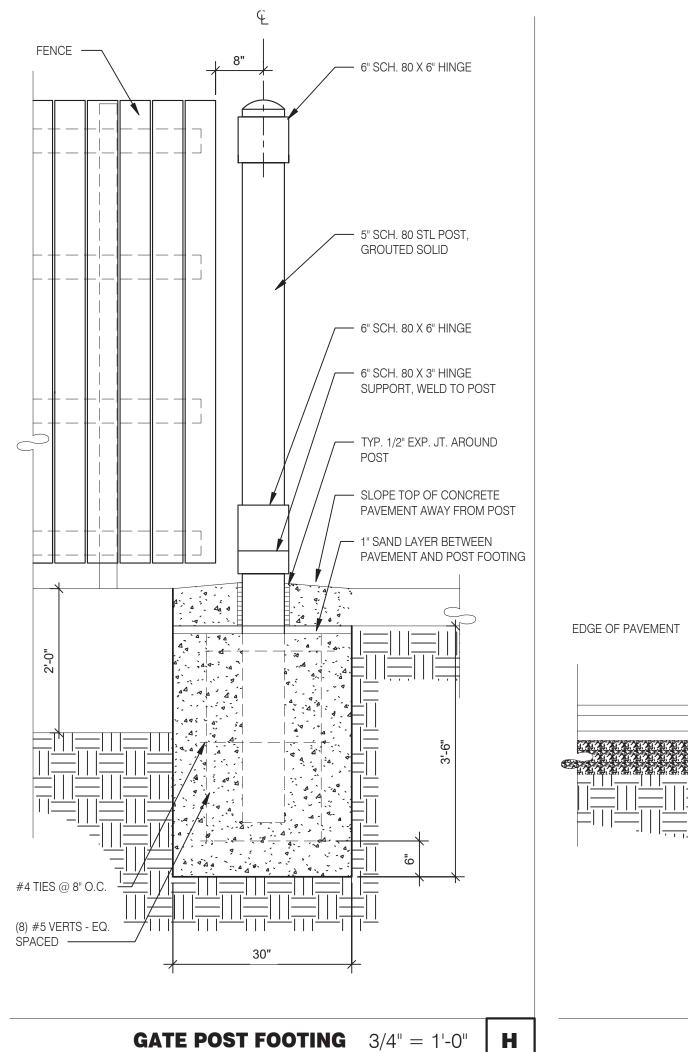
JOB NO.:

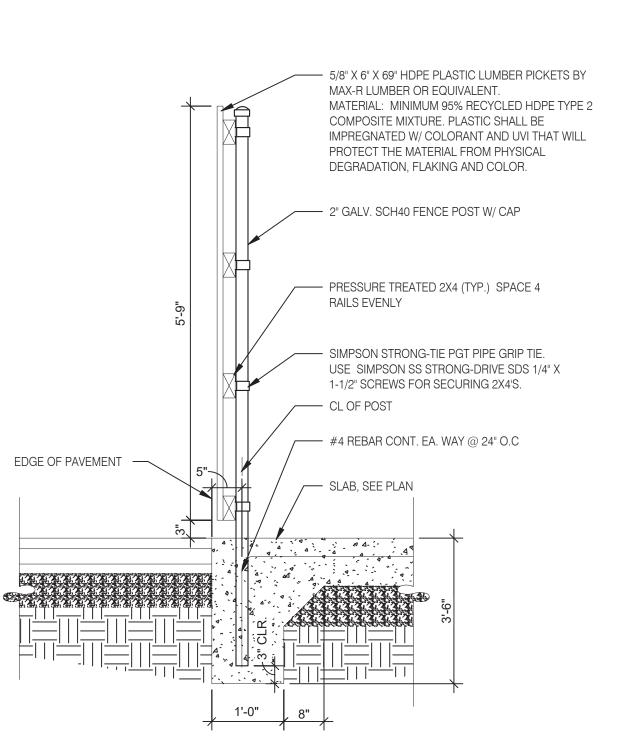
GREAT LAKES TACO, LLC

Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 GREEN CHECKLIST SHEET





			FENCE SECTION	3/4" = 1'-0"	F
	SYMBOL	AREA	MANUFACTURER	COLOR	
	1	GATE FRAME COLOR	SHERWIN WILLIAMS	SW 7055 ENDURING BRONZE	
	2	PIPE BOLLARDS	SHERWIN WILLIAMS	CAUTION YELLOW	
	3	HDPE LUMBER	MAX. R	LIGHT BROWN TEXTURE	
ı					

ENCLOSURE NOTES	N.T.S.	G

GATE HARDWARE: ALL HARDWARE AND ACCESSORIES SHALL BE HEAVY

GATE STOP: MUSHROOM TYPE OR FLUSH PLATE WITH ANCHORS SET IN

CONCRETE TO ENGAGE THE CENTER DROP ROD OR PLUNGER BAR.

GATE NOTES: (4) EQUAL WIDE x 6-0" HIGH MTL. GATES, TYPE 'B' 1 1/2" DECKING, 22GA. W/ T.S. 1 X1 1875 BAR CROSS BRACING WELD AND

GRIND SMOOTH ALL CONNECTIONS, TYP. PRIME AND PAINT ALL STEEL

COMPONENTS.

SYMBOL	AREA	MANUFACTURER	COLOR
1	GATE FRAME COLOR	SHERWIN WILLIAMS	SW 7055 ENDURING BRONZE
2	PIPE BOLLARDS	SHERWIN WILLIAMS	CAUTION YELLOW
3	HDPE LUMBER	MAX. R	LIGHT BROWN TEXTURE

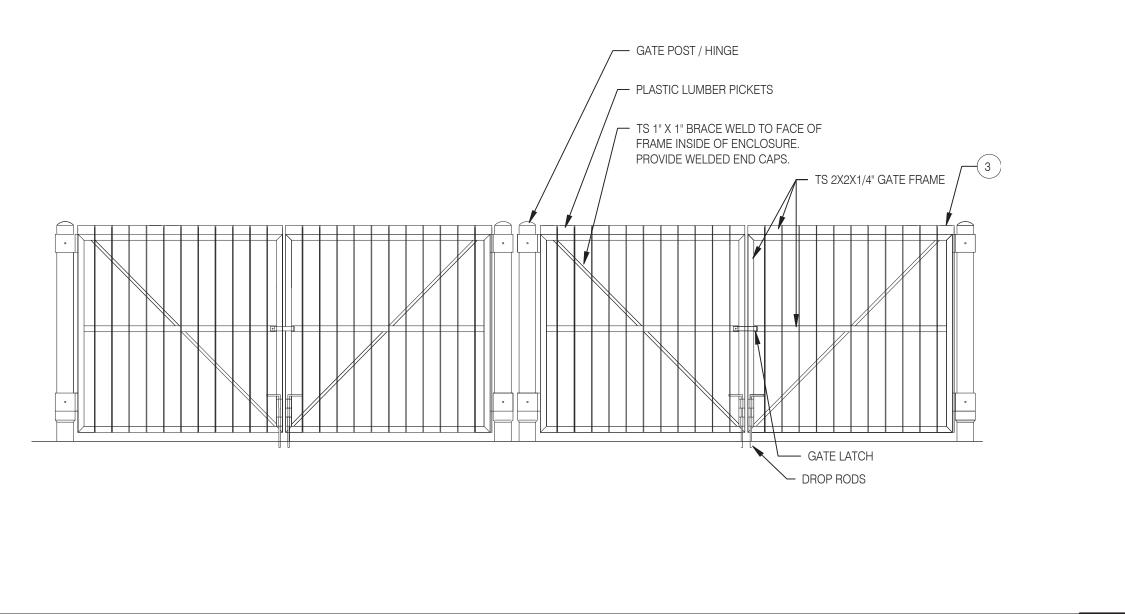
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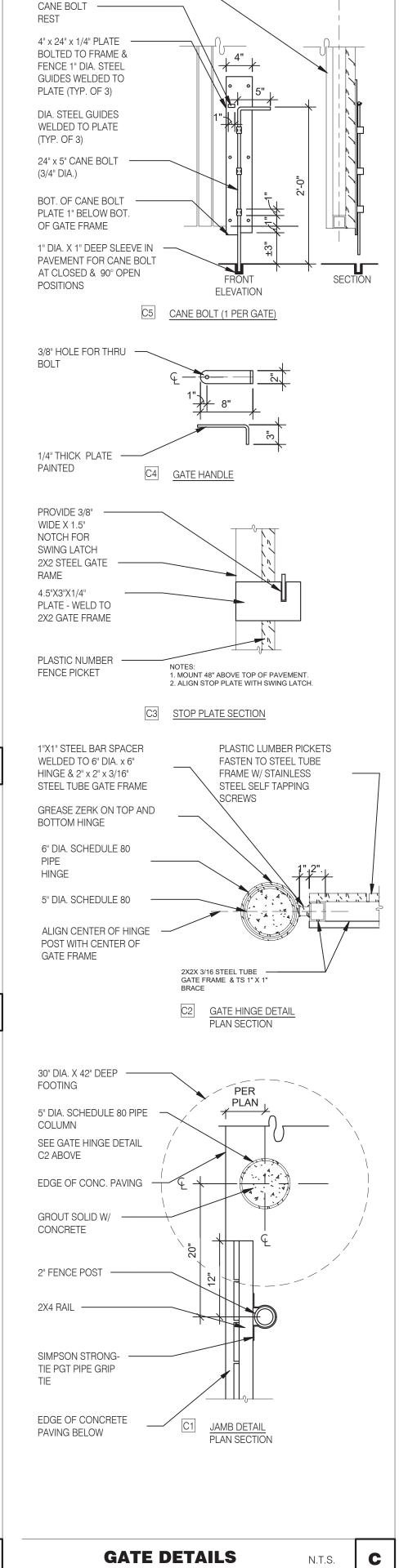
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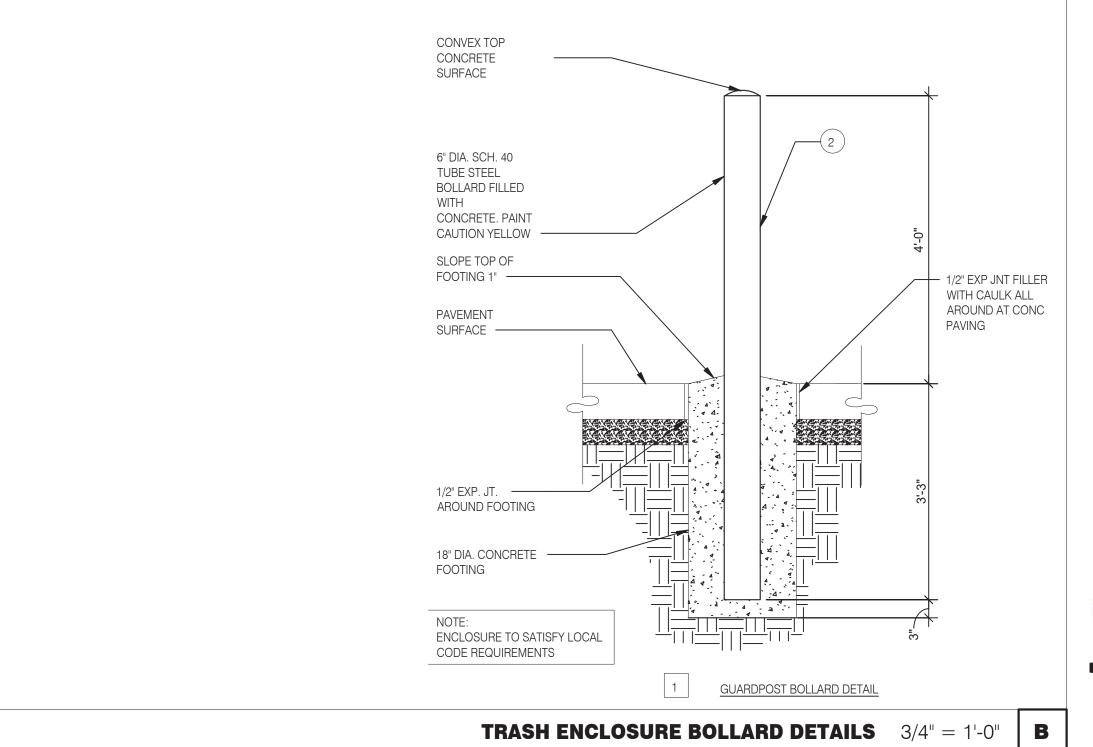
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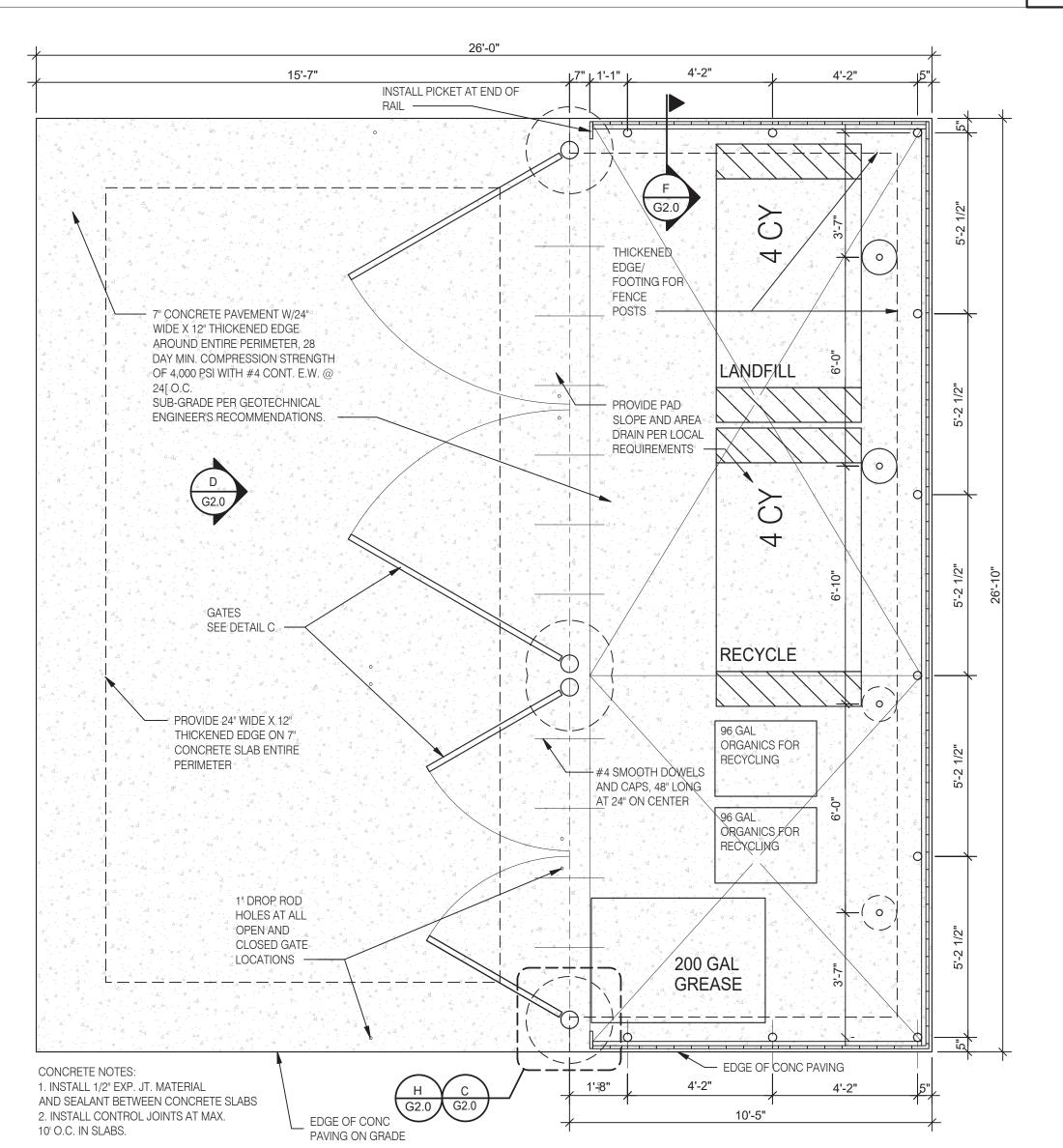




TS 1" X 1" -----

BRACE









INC. A.I.A 441 S. LIVERNOIS ROAD SUITE 265

ROCHESTER HILLS, MI 48307 (248) 524-4700 (248) 524-9746

PROJECT # 21017

	DATE	REMARKS				
CON	ITRACT DAT	E:				
BUIL	.DING TYPE:	END. MED 40				
PLAN VERSION: MARCH 2021						
BRAND DESIGNER:						
SITE	NUMBER:	315286				

STORE NUMBER: PA/PM: DRAWN BY.:

JOB NO.:

GREAT LAKES TACO, LLC Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 **TRASH ENCLOSURE DETAILS**

TRASH LAYOUT 3/8" = 1'-0"

INTEGRATED PEST PREVENTION (IPP) CAN BE DEFINED AS, "THE ART AND SCIENCE OF PREVENTING THE INTRODUCTION OF UNWANTED ORGANISMS INTO COMPLEX MICROENVIRONMENTS AND THE ASSOCIATED MITIGATION EFFORTS REQUIRED WHEN PREVENTION FAILS". IPP ENCOMPASSES THE CONCEPTS, STRATEGIES AND TACTICS NEEDED TO EFFECTIVELY PROTECT HUMAN HEALTH AND PROPERTY FROM THE PRESENCE OF UNWANTED ORGANISMS.

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.

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

FACTORS THAT WE CANNOT CONTROL, BUT CAN ANTICIPATE/MITIGATE:

a. WEATHER / CLIMACTIC ZONE

b. LOCALIZED SPECIAL PEST ISSUES (PAST PEST HISTORY)

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 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

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.

 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.

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.

 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.

 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

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.
 ALL PIPE 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

 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.

 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.

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.

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.

 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.

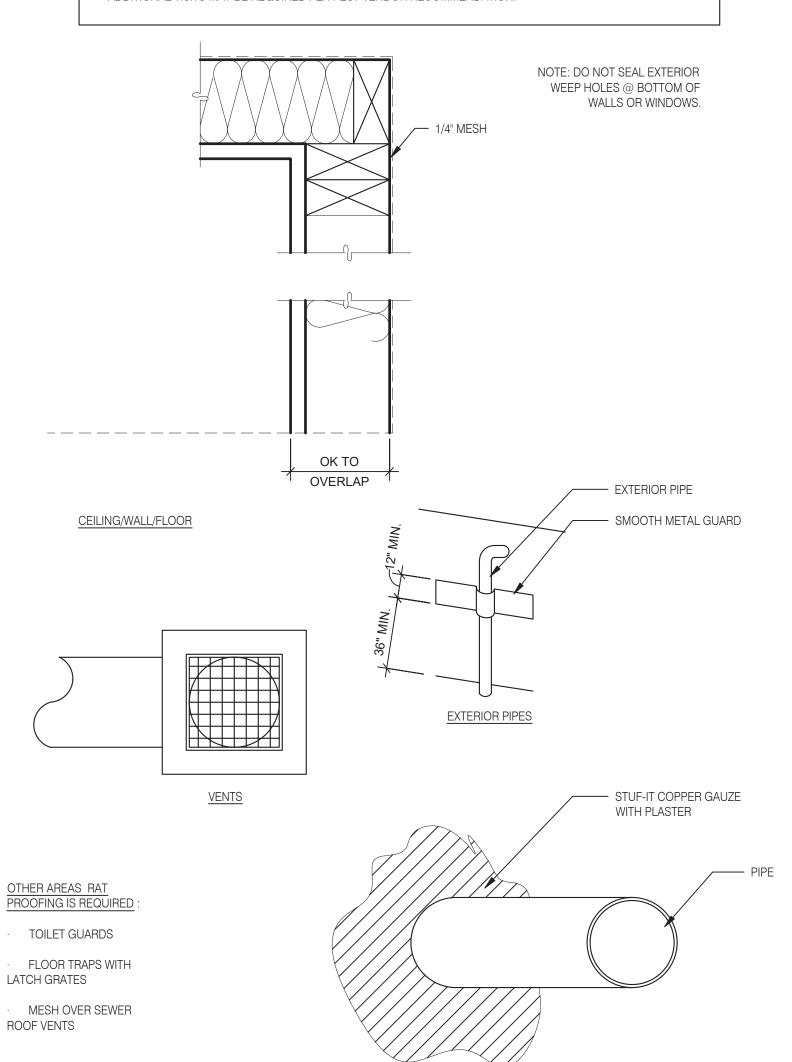
CONSTRUCTION CHECKLIST:

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

(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

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

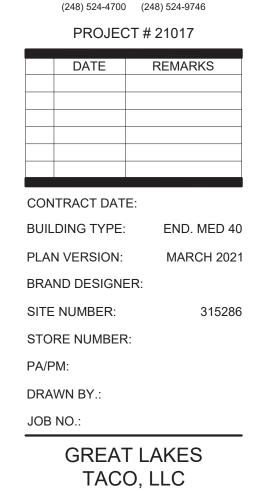
*ADDITIONAL VISITS MAY BE REQUIRED PER PEST VENDOR RECOMMENDATION.







441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307





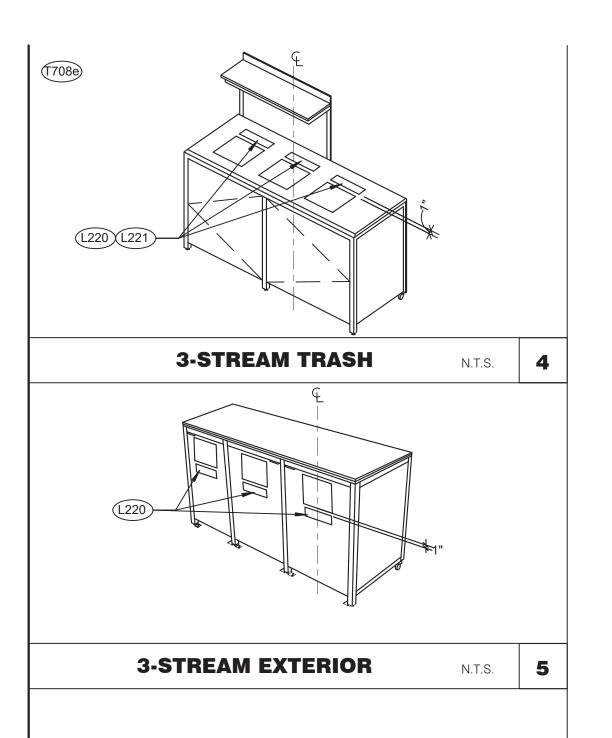
Walton Boulevard

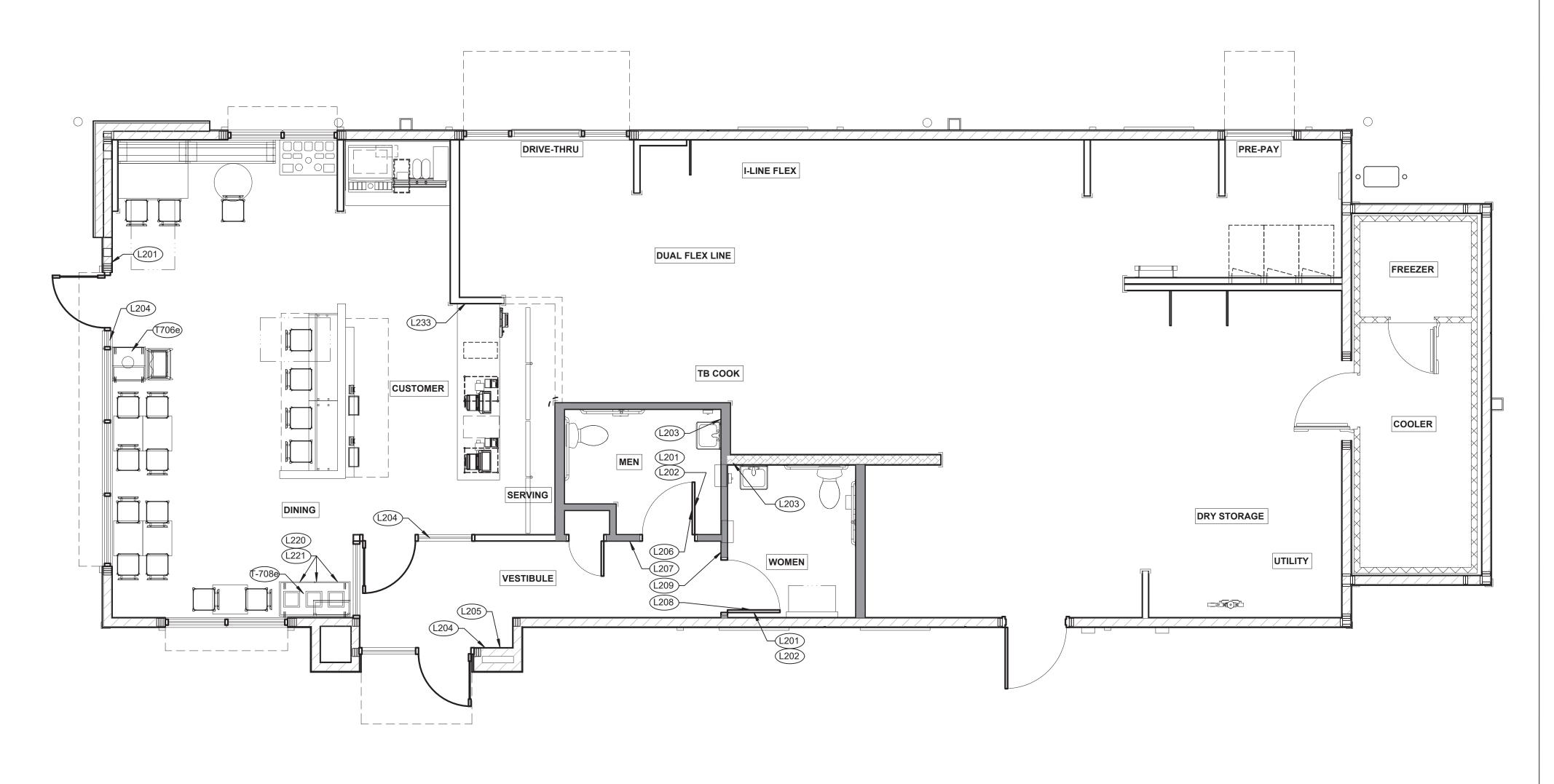
Pontiac, Michigan 48340

ENDEAVOR 2.0 PEST PREVENTION

RAT PROOFING DETAILS

PIPE PENETRATIONS





TAG	SIGN DESCRIPTION	SIGN VERBIAGE	SIZE	MOUNTING HEIGHT	QTY	LOCATION IN RESTAURANT
L201	No Smoking	No Smoking or electronic cigarette use. This is a smoke free establishment	1/16 x 6 x 6	48" MIN. A.F.F. 60" MAX. A.F.F.	2	On back of restroom 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 6	60" A.F.F.	2	On 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.	3	1 at each customer 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	At side entrance. 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 8 x 6	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 8 x 6	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	On wall next to front counter

SIGN DESCRIPTION	SIGN VERBIAGE	SIZE	MOUNTING HEIGHT	QTY	LOCATION IN RESTAURANT	LOCATION EQUIVALENT
Landfill / Compost / Recycle	Landfill / Compost / Recycle	1/16 v 8 5 v 3	SEE 1/G1 0	SET	Mount on front doors of trash	L221 (use if restaurant is NOT COMPOSTING)
Landini / Compost / Necycle	Laridiii / Compost / Necycle	1/10 / 0.0 / 0	OLL 4/ Q4.0	OF 3	receptacle at top. MUST ALSO	LZZT (d3C II restadiant is NOT GOIVII GOTING)
					on top of trash receptacle	
_andfill / 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	L220 (use if restaurant is COMPOSTING)
	Landfill / Compost / Recycle	Landfill / Compost / Recycle Landfill / Compost / Recycle andfill / Plastic, Metal, Glass / Paper Landfill / Plastic, Metal, Glass /	Landfill / Compost / Recycle Landfill / Compost / Recycle 1/16 x 8.5 x 3 andfill / Plastic, Metal, Glass / Paper Landfill / Plastic, Metal, Glass / 1/16 x 8.5 x 3	Landfill / Compost / Recycle Landfill / Compost / Recycle 1/16 x 8.5 x 3 SEE 4/G4.0 andfill / Plastic, Metal, Glass / Paper Landfill / Plastic, Metal, Glass / 1/16 x 8.5 x 3 SEE 4/G4.0	Landfill / Compost / Recycle Landfill / Compost / Recycle 1/16 x 8.5 x 3 SEE 4/G4.0 SET OF 3 andfill / Plastic, Metal, Glass / Paper Landfill / Plastic, Metal, Glass / 1/16 x 8.5 x 3 SEE 4/G4.0 SET	Landfill / Compost / Recycle 1/16 x 8.5 x 3 SEE 4/G4.0 SET Mount on front doors of trash receptacle at top. MUST ALSO ORDER L222. Match label with shape on top of trash receptacle andfill / Plastic, Metal, Glass / Paper Landfill / Plastic, Metal, Glass / Paper





441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307

(248) 524-4700 (248) 524-9746

PROJECT # 21017

 1110020	J1 # 21011
DATE	REMARKS

CONTRACT DATE: BUILDING TYPE: END. MED 40 PLAN VERSION: MARCH 2021 BRAND DESIGNER:

315286

SITE NUMBER: STORE NUMBER:

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

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

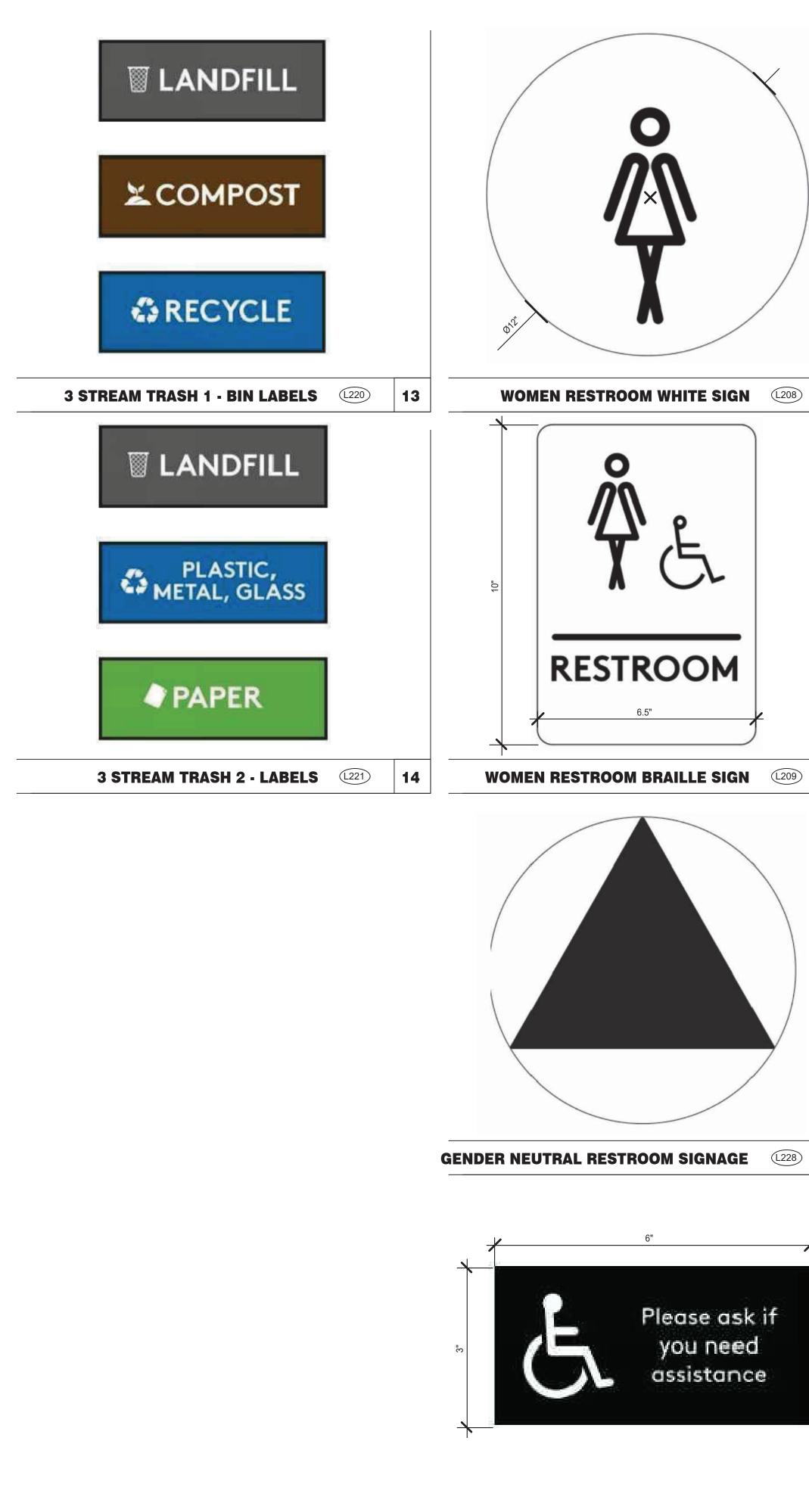
GREAT LAKES TACO, LLC Walton Boulevard Pontiac, Michigan 48340

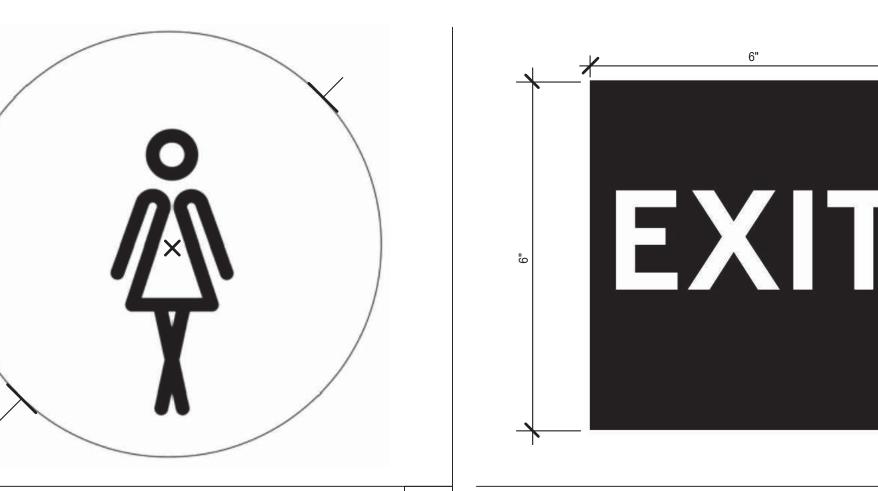


ENDEAVOR 2.0 SIGNAGE PLAN

2

3 **ALTERNATE SIGNAGE** STANDARD REQUIRED SIGNAGE





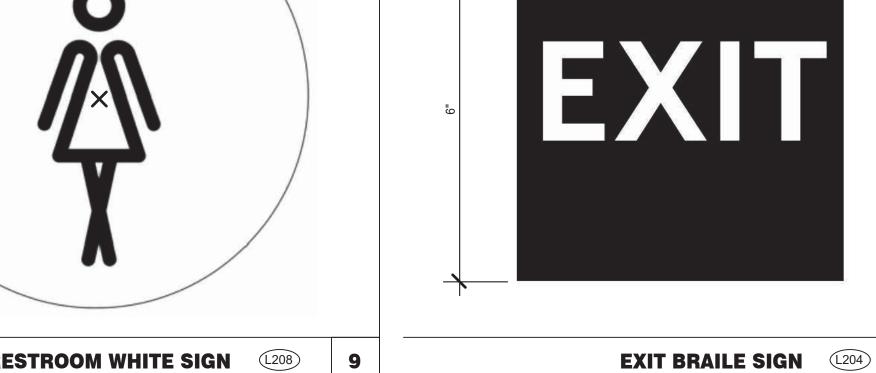
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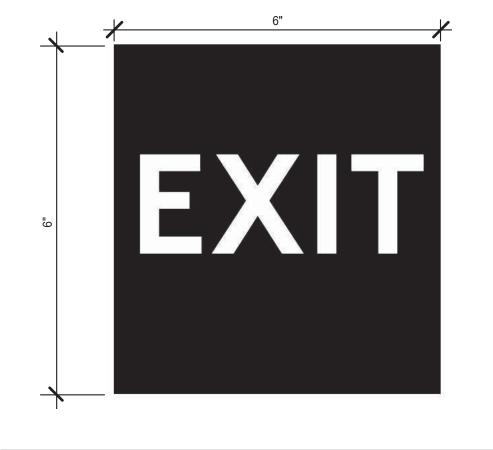
you need

assistance

12

IF YOU NEED ASSISTANCE (1233)





MAXIMUM

OCCUPANCY

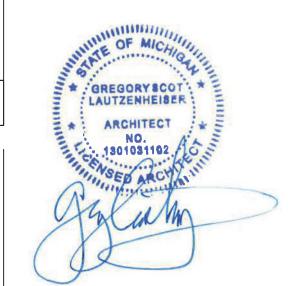
PERSONS

OCCUPANCY SIGN (L205)





NOT USED





SUITE 265 ROCHESTER HILLS, MI 48307

6"	PHONE FAX (248) 524-4700 (248) 524-9746
	PROJECT # 21017
OUR OMERS	DATE REMARKS
heck our ms every 30 to make sure	
always ready	CONTRACT DATE:
. If we have	BUILDING TYPE: END. MED 40
something, e tell our	PLAN VERSION: MARCH 2021 BRAND DESIGNER:
er on duty	BIG III B BEGIGNEIU.

CLEAN RESTROOM SIGN (202)

manager on duty

Thank you

CUST



SITE NUMBER:

PA/PM:

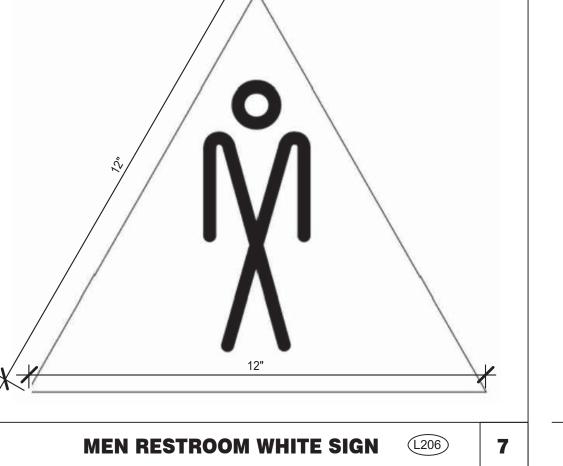
DRAWN BY.:

STORE NUMBER:



ENDEAVOR 2.0 **SIGNAGE DETAILS**

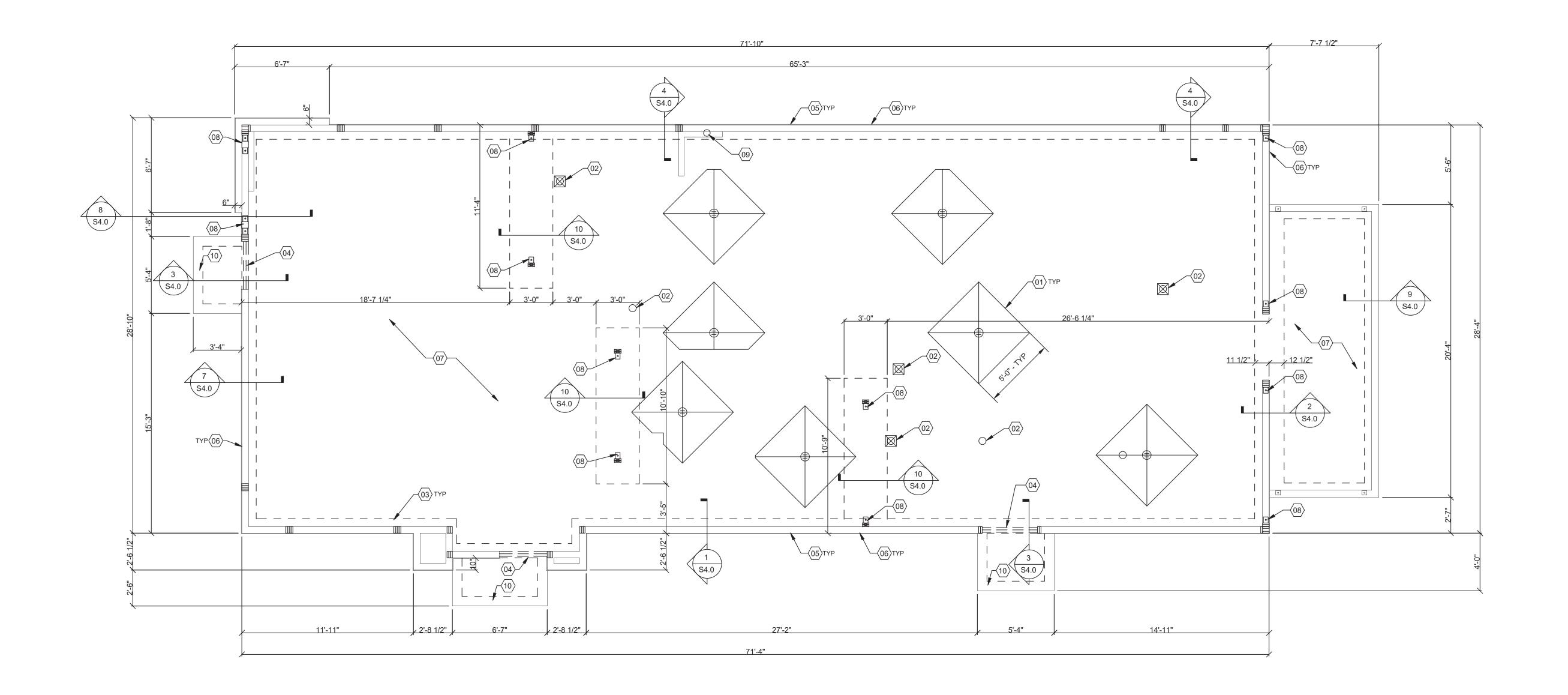
G4.1











DESIGN CRITERIA:

<u>DESIGN CRITERIA:</u> 2015 MICHIGAN BUILDING CODE AND REFERENCES NOTED WITHIN

EXPOSURE FACTOR (Ce): IMPORTANCE FACTOR (I): THERMAL FACTOR (Ct):

ROOF LOADS: DEAD LOAD: 20 PSF

WIND LOADS: 3 SECOND GUST: WOOD SHEARWALLS RESPONSE MOD FACTOR (R): 6.5 115 MPH RISK CATEGORY: DESIGN BASE SHEAR (Cs): 0.05W EXPOSURE CATEGORY (MWFRS): C ANALYSIS BY SIMPLIFIED PROCEDURE INTERNAL PRESSURE COEFF.: ± .18

FOUNDATION NOTES - TYP U.N.O.:

FOUNDATION

1. GENERAL CONTRACTOR'S GEOTECHNICAL ENGINEER SHALL COMPLETE BORINGS AND

PROVIDE THE GEOTECHNICAL ENGINEERING REPORT PRIOR TO BEGINNING PROJECT. 2. CONTRACTOR TO PROVIDE FOUNDATION & FOOTING AS REQUIRED FOR PYLON OR

MONUMENTAL SIGN. SEE ELECTRICAL DRAWINGS FOR DETAIL. 3. COORDINATE STRUCTURAL PLANS AND DETAILS WITH REQUIREMENTS OF GEOTECHNICAL REPORT. FOUNDATION DESIGN IS BASED ON 1,500 PSF ALLOWABLE BEARING CAPACITY. 4. CONTRACTOR SHALL TREAT SOIL BELOW SLAB FOR TERMITES.

5. REFER TO THE GEOTECHNICAL REPORT FOR GENERAL REQUIREMENTS OF EARTHWORK,

- OVEREXCAVATION, SUBGRADE PREPARATION, FILL AND COMPACTION, WATERPROOFING AND OTHER PERTINENT REQUIREMENTS AND INFORMATION. 6. PROTECT PIPES AND CONDUITS RUNNING THROUGH WALLS AND SLABS WITH 1/2 INCH EXPANSION MATERIAL. LOWER CONTINUOUS FOOTINGS AND GRADE BEAMS PERPENDICULAR TO PIPE RUNS TO ALLOW PIPES TO PASS ABOVE THE FOOTINGS OR THROUGH THE GRADE BEAMS. 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. 8. 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. 9. DO NOT PLACE FOOTINGS OR SLABS AGAINST SUBGRADE CONTAINING FREE WATER,
- 10. MAINTAIN PROPER SITE DRAINAGE DURING CONSTRUCTION TO ENSURE SURFACE RUNOFF AWAY FROM STRUCTURES AND TO PREVENT PONDING OF SURFACE RUNOFF NEAR THE

CONCRETE:
CONCRETE SHALL BE HARD ROCK CONC. (5 SACK CEMENT PER CU.YD. MIN.) AND MEET THE FOLLOWING MIN. ULTIMATE COMPRESSIVE STRENGTHS AT 28 DAYS:

AGGREGATE
 SIZE - INCHES
 INCHES
 TOLERANCE

 1" x 4"
 3-1/2"
 +/-1/2"
 (3000 DESIGN)

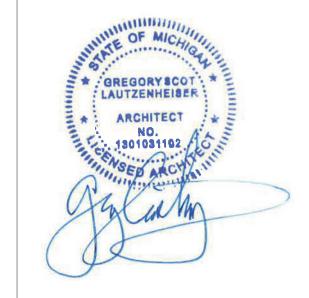
- A. CONCRETE MIX DESIGN AND TESTING SHALL MEET WITH THESE SPECS. CEMENT SHALL BE IN ACCORDANCE WITH ASTM C 150 TYPE II. VERIFY MIN. CONC. STRENGTH AND CEMENT B. REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60. STEEL SHALL BE KEPT
- CLEAN AND FREE OF RUST.
 CONCRETE CURING SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF ACI-318-95 SECTION 5.11 AND STANDARD PRACTICE FOR CURING CONCRETE REPORTED BY
- COMMITTEE 308. ANCHOR BOLTS - A36 OR A307, USE 5/8" DIAMETER x 12" ANCHOR BOLTS (A.B.) AT 48" O.C. U.O.N. ANCHOR BOLTS SHALL BE TIED IN PLACE PRIOR TO PLACEMENT OF CONC. TO RESIST FREEZE - THAW DETERIORATION W/C. RATIO SHALL NOT EXCEED .50 FOR
- CONCRETE IN CONTACT WITH SOILS. F. TOTAL AIR CONTENT TO BE 6% ± 1.5%.

A. DESIGN IS BASED UPON 4" THICK CONCRETE SLAB REINFORCED W/ WWF 6x6-W1.4x1.4 OR #4 BARS @ 18" O.C. EA. WAY, OVER 10 MIL VISQUEEN MEMBRANE, OVER 4" AGGREGATE BASE, OVER ENGINEERED SUBGRADE.

- DIMENSIONS NOTED ARE TO FACE OF CONCRETE. REFER TO DWG. A1.0 FOR DIMENSIONS TO FACE OF STUD AND OTHER DIMENSIONS NOT OTHERWISE NOTED.
- B. 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.
- D. SEE PLUMB. DWGS. FOR PLUMB. LAYOUT DIMENSIONS, U.O.N.
- E. SEE ELECT. DWGS. FOR ELECT. LAYOUT DIMENSIONS, U.O.N.
 F. COORD. FOUNDATION AND SLAB LAYOUT WITH OTHER TRADES PRIOR TO POURING SLAB.
- FLOOR DRAINS LOCATED 1/2" BELOW T.O. SLAB. SLOPE SLAB AS INDICATED ON PLAN TO
- PROVIDE HUB DRAIN (HD) OR CLEANOUT UNLESS REQUIRED BY LOCAL CODE TO HAVE
- FLOOR SINK (FS). INDICATES INSIDE SURFACE OF FOOTING. SEE SHEET S4.0. BOTTOM OF FOOTING (B.O.F.)
- DEPRESSED FOUNDATION WALL AT THRESHOLD. SEE 3/S4.0.
- ANCHOR BOLTS LOCATED THROUGHOUT PERIMETER OF BUILDING SHALL BE PROVIDED AS REQUIRED PER THE "PLATE/ANCHOR BOLT" COLUMN OF THE "WALL SHEATHING AND
- SHEARWALL SCHEDULE." SEE D/S2.0. CONTINUOUS R-5 RIGID INSULATION WITH GRADE FLASHING ON OUTSIDE FACE OF
- FOUNDATION FULL HEIGHT. CONCRETE SLAB ON GRADE - SEE C/S1.0 FOR ADDITIONAL INFORMATION.
- REFER TO SHEET S1 FOR HOLD DOWN AND EMBEDMENT INFORMATION.
- ROUND PLUMBING CLEANOUT.

C

4" MINIMUM FULLY SUPPORTED SLAB WITH 6"X6"-W1.4X1.4 WELDED WIRE MESH ON 8"X42" MINIMUM FOOTINGS OUTSIDE EXTERIOR DOORS.





441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307 (248) 524-4700 (248) 524-9746

DDO IECT # 21017

DATE	REMARKS

CONTRACT DATE: BUILDING TYPE:

PLAN VERSION: MARCH 2021 BRAND DESIGNER:

END. MED 40

SITE NUMBER: STORE NUMBER:

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

> **GREAT LAKES** TACO, LLC Walton Boulevard

Pontiac, Michigan 48340



ENDEAVOR 2.0 FOUNDATION PLAN

В

DESIGN CRITERIA

SEISMIC LOADS: RISK CATEGORY: II

SITE CLASS: D

Ss: 0.070g

S1: 0.041g

SEISMIC IMPORTANCE FACTOR: 1.0

MAPPED SPECTRAL RESPONSE ACCEL:

SHORT PERIODS (SDS): 0.070g 1 SEC. PERIODS (SD1) 0.041g

SPECTRAL RESPONSE COEFF.:

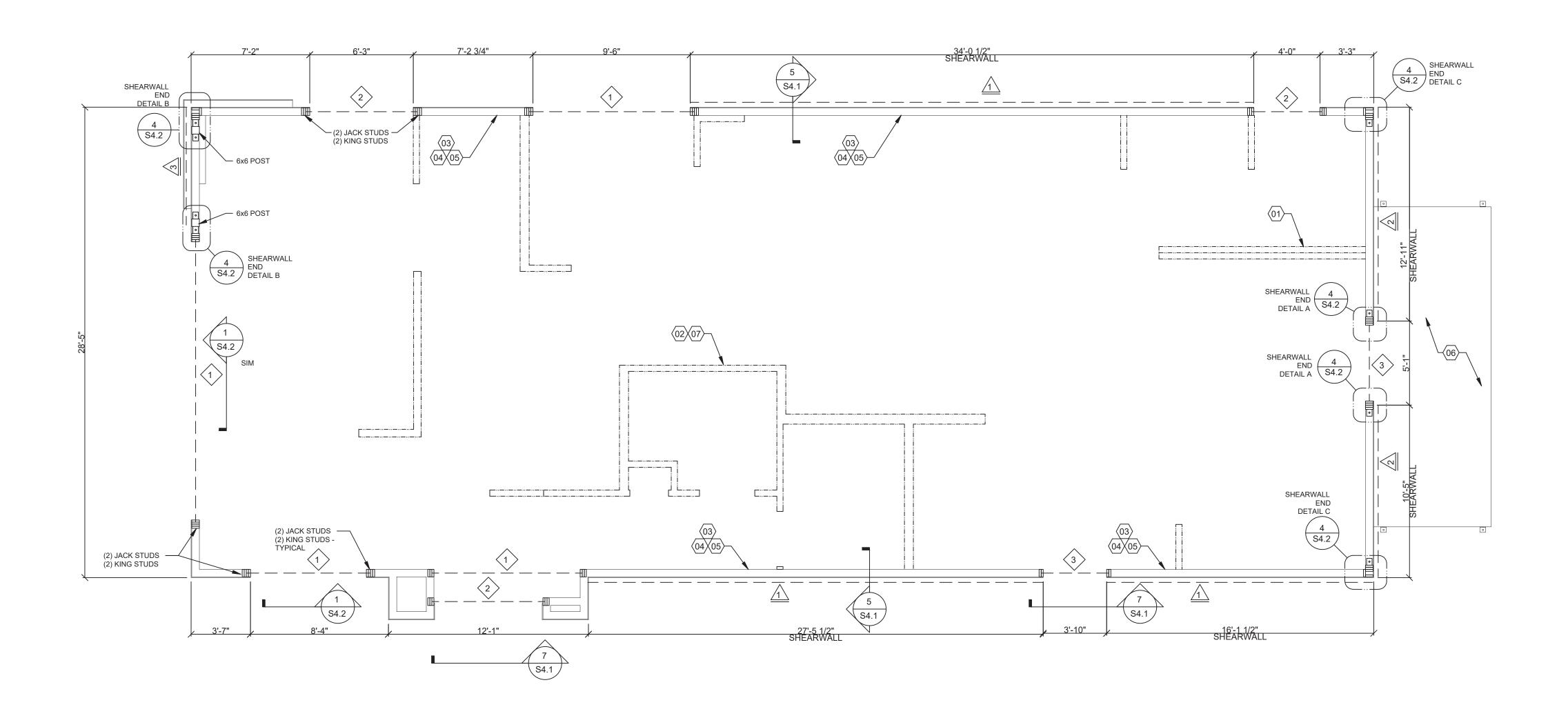
SEISMIC DESIGN CATEGORY: B

D

FOUNDATION NOTES

FOUNDATION KEYNOTES

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



HEADER SCHEDULE		
MARK	BUILT-UP SECTION	MANUF. MEMBER
1>	5 1/4 x 11 7/8 LVL	
2	No. 1 (3) 2x12	SOUTHERN PINE NO. 1
3	(3) 2x8	
NOTES:		

BUILT-UP HEADER SECTION SHALL HAVE 1/2" PLYWOOD SANDWICHED PIECES. REF 14/S4.1

WALL SHEATHING AND SHEARWALL SCHEDULE					
SW	SHEATHING	EDGE	FIELD	PLATE / ANCHOR BOLT	REMARKS
	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 6" O.C.	10d @ 12" O.C.	3/4" DIA. F1554 (8x3) @ 32" O.C. W/ WASHER	PLYWOOD ON EXTERIOR FACE OF STUDS
2>	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 4" O.C.	10d @ 12" O.C.	3/4" DIA. F1554 (8x3) @ 32" O.C. W/ WASHER	PLYWOOD ON EXTERIOR FACE OF STUDS
3>	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 2" O.C.	10d @ 12" O.C.	3/4" DIA. F1554, (8x3) @ 12" O.C. W/ WASHER	PLYWOOD ON BOTH SIDES OF WALL - USE 3x BLOCKING
***	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 6" O.C.	10d @ 12" O.C.	3/4" DIA. F1554, (8x3) @ 48" O.C. W/ WASHER	NAILING @ HEADERS PER 12/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 THICKNESS MAY BE USED IN LIEU OF PLYWOOD WHEN APPROVED IN WRITING BY THE 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
- REQUIREMENTS. EXTERIOR WALLS NOT DESIGNATED AS SHEARWALLS IN THE WALL FRAMING PLAN SHALL MEET REQUIREMENTS INDICATED FOR NON-SHEARWALL WALLS IN THE SCHEDULE ABOVE.EXTERIOR WALLS NOT DESIGNATED AS SHEARWALLS IN THE WALL FRAMING PLAN SHALL MEET

REQUIREMENTS INDICATED FOR NON-SHEARWALL WALLS IN THE SCHEDULE ABOVE

- 5. SHEARWALL LENGTHS WHERE NOTED ARE MINIMUM. DO NOT LOCATE HOLDDOWNS FROM THESE DIMENSIONS. SEE ARCH DWGS FOR ACTUAL WALL LENGTHS. SHEARWALL LENGTHS WHERE NOTED ARE MINIMUM. DO NOT LOCATE HOLDDOWNS FROM THESE DIMENSIONS.
- SEE ARCH DWGS FOR ACTUAL WALL LENGTHS. 6. HD REFERS TO SIMPSON STRONGTIE CO. HOLDDOWNS. INSTALL PER 6/S4.0. POST WIDTH SHALL MATCH STUD WALL WIDTH. SEE FOUNDATION PLAN FOR OTHER REQ'S.
- 8. WHERE PANELS ARE APPLIED TO BOTH FACES OF A WALL AND NAIL SPACING IS LESS THAN 6" O.C. ON EITHER SIDE, PANEL JOINTS SHALL BE OFFSET TO WALL ON DIFFERENT FRAMING MEMBERS OR FRAMING SHALL BE 3x OR THICKER AND NAILS ON EACH SIDE SHALL BE

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

- WALL FRAMING:

 A. EXTERIOR WALL NON-BEARING & BEARING STUDS SHALL BE NO. 2 SOUTHERN PINE. 6x6
 POSTS TO BE SOUTHERN PINE #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. 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
- THE MEMBER. 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. USE AT PRESSURE TREATED LUMBER AT WINDOW JAMBS, SILL AND STUDS UNDER SILL AS WELL AS ALL TOILET PLUMBING WALLS.

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

COORDINATE WITH ELECTRICAL POWER PLAN SHEET E3.0. 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.

WALL FRAMING PLAN 1/4" = 1'-0" **A**

(2) 2x6 TOP PLATES - SPLICE PER 12/S4.1. U.O.N. REF. 1/S4.3 FOR CAP DETAIL.

TOP OF TRUSS BEARING PLATE. SEE DETAIL 2/S4.1. TOP OF PARAPET. SEE DETAIL 1/S4.3.

FREEZER/COOLER BY MANUFACTURER. COORDINATE WITH PLUMBING ROUGH IN SHEET P4.0.



441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307 (248) 524-4700 (248) 524-9746

DATE	REMARKS

CONTRACT DATE: BUILDING TYPE:

PLAN VERSION: MARCH 2021 BRAND DESIGNER:

END. MED 40

315286

SITE NUMBER: STORE NUMBER: PA/PM:

DRAWN BY.: JOB NO.:

> **GREAT LAKES** TACO, LLC Walton Boulevard

Pontiac, Michigan 48340



ENDEAVOR 2.0 WALL FRAMING **PLAN**

STUD LAYOUT:

A. LAYOUT STUDS ON SIDEWALLS (LONG WALLS) STARTING AT REAR OF BUILDING TOWARDS 7. EDGE NAIL WALL PLY TO STUDS OR POSTS WITH HOLD-DOWNS.

D

C

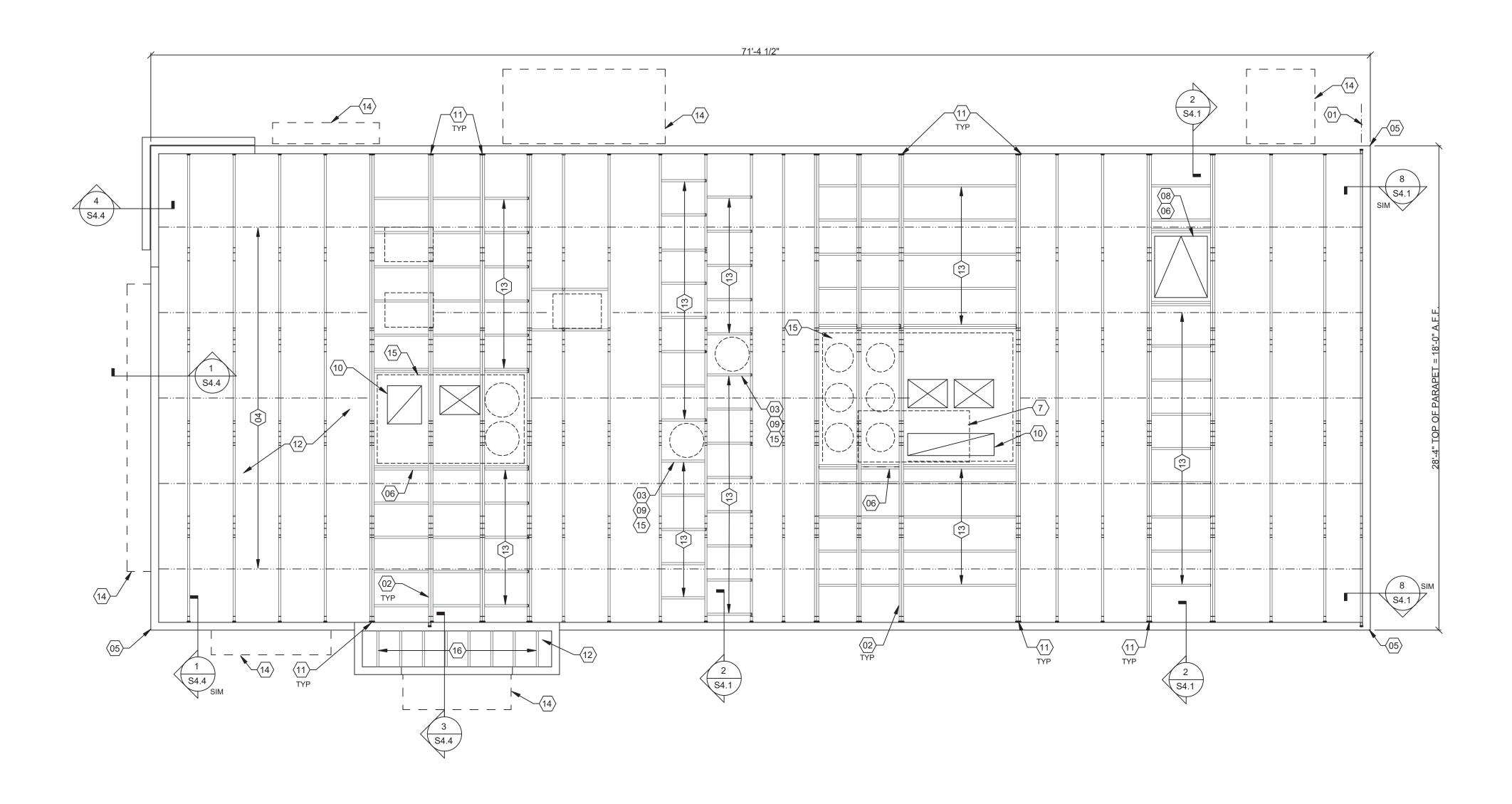
WALL FRAMING NOTES

Ε

WALL FRAMING KEYNOTES

HEADER SCHEDULE

WALL SHEATHING AND SHEARWALL SCHEDULE





441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307

(248) 524-4700 (248) 524-9746

PROJECT # 21017

END. MED 40

CONTRACT DATE: BUILDING TYPE:

PLAN VERSION: MARCH 2021 BRAND DESIGNER:

SITE NUMBER: STORE NUMBER:

PA/PM: DRAWN BY.:

JOB NO.:

GREAT LAKES TACO, LLC

Walton Boulevard Pontiac, Michigan 48340

ENDEAVOR 2.0 ROOF FRAMING PLAN

ROOF NAILING SCHEDULE

TYPE	NAILING / SHEATHING	REMARKS
BN	10d @ 6" O.C.	
EN	10d @ 6" O.C.	
FN	10d @ 12" O.C.	

ROOF SHEATHING 1/2" CDX PLYWOOD (40/20), PS1 RATING

SEE 8/S4.2 AND 11/S4.2 FOR DEFINITIONS.

ROOF FRAMING NOTES - TYP U.N.O.:

ROOF FRAMING NOTES:

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. "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 _____). 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. D. TRUSS MFR SHALL PROVIDE HANGERS AND CONNECTORS ADEQUATE FOR LOADS. ROOF CONNECTORS ARE BASED UPON SIMPSON "STRONG TIE" OR APPROVED EQUAL.

E. TRUSS CHORDS AND PARAPET VERTICALS SHALL BE 2x6 MIN AND CONSISTENTLY SIZED

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

K. 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.
M. TRUSS MANUFACTURER SHALL KEEP CHORD SPLICES AWAY FROM PANEL POINTS TO MINIMIZE PRESS PLATE PROFILE DIMENSIONS.

ROOF FRAMING NOTES

O1 STARTING POINT OF TRUSS LAYOUT - CENTERLINE OF TRUSS.

(03) COORDINATE BLOCKING WITH EXHAUST AND SUPPLY DUCT.

DESIGN. SEE 13/S4.1 FOR BRIDGING LAP DETAIL.

ROOF OPENINGS - SEE DET. 6 & 10/S4.2.

08 ROOF HATCH.

VERIFY NECESSITY OF DOUBLE TRUSSES WITH TRUSS MFR. DUE TO POINT LOADING AND ADDITIONAL UNIFORM LOADING, TYPICAL.

CONT 2x4 WD BRIDGING ON TOP OF BOTTOM CHORD. ADJUST AS REQUIRED FOR DUCT PLENUMS, MAX SPACING AT 5'-0" O.C. OR TIGHTER SPACING AS REQUIRED BY TRUSS

(2) 2x6 BLOCKING W/ U26-2 HANGERS. TYP. EDGES OF ALL ROOF TOP EQUIPMENT AND ALL

SIMPSON MSTA 24 AT CORNER DBL TOP PLATE. CENTER STRAP ON CORNER.

 $\langle \overline{07} \rangle$ LOC. OF HOOD. SEE HOOD DRAWINGS FOR HOOD ATTACHMENT DETAIL 6/S4.1.

ROOF FRAMING KEYNOTES

(14) CANOPY BY MANUF.

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

8 BLOCKING UNIT ON ROOF TOP EQUIPMENT. COORDINATE WITH MECHANICAL.

 $\langle 12 \rangle$ 1/2" PLYWOOD ROOF DECK. SEE NAILING SCHEDULE, THIS SHEET.

REFER TO DETAIL 5/S4.2 FOR EQUIPMENT WEIGHTS.

(16) 2x6 JOISTS AT 16" O.C. - USE (2) 2x6 UNDER MECHANICAL UNIT.

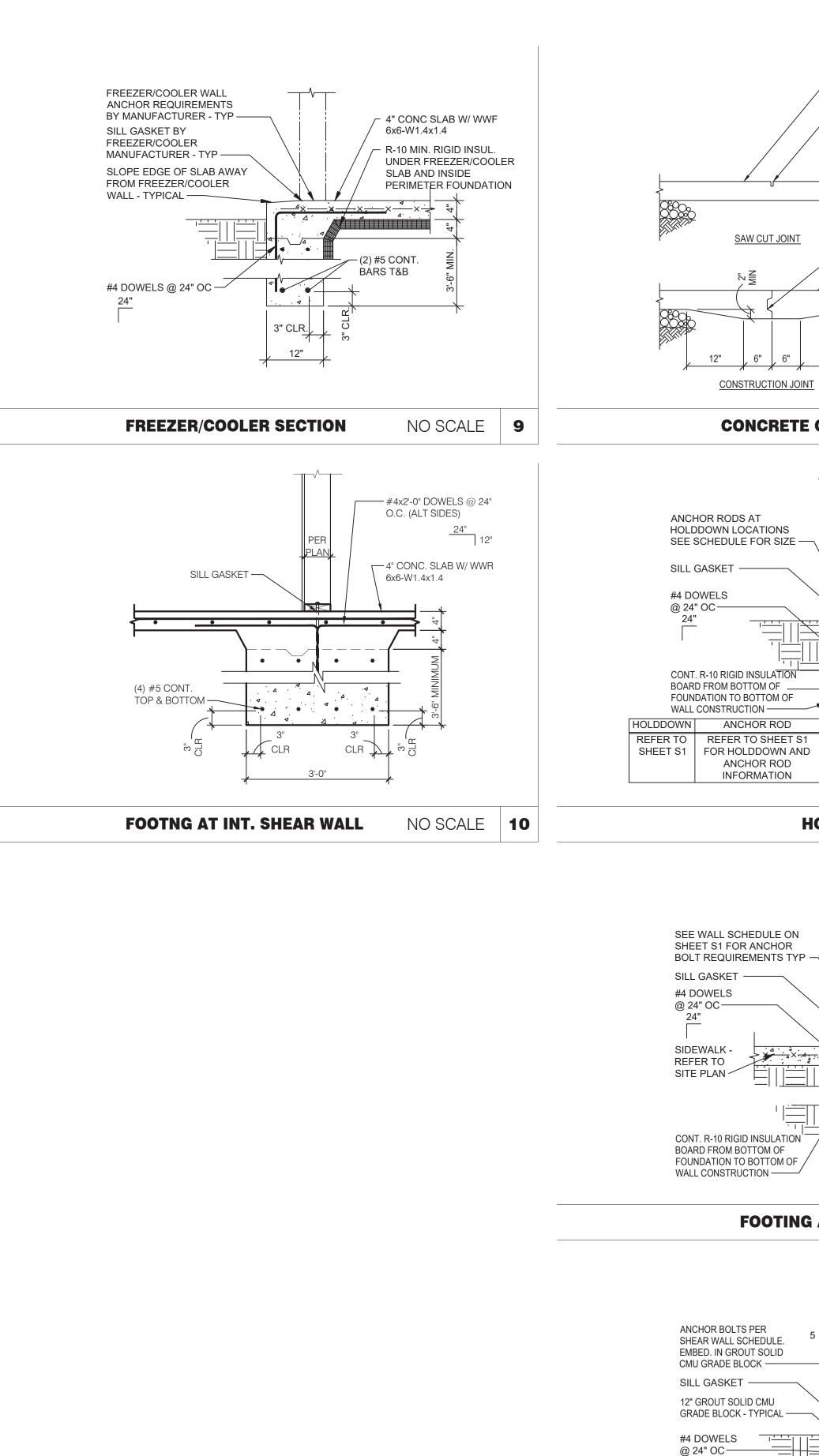
 $\langle 13 \rangle$ 2X6 @ 2'-0" O.C. WITH SIMPSON U-26 EA. END.

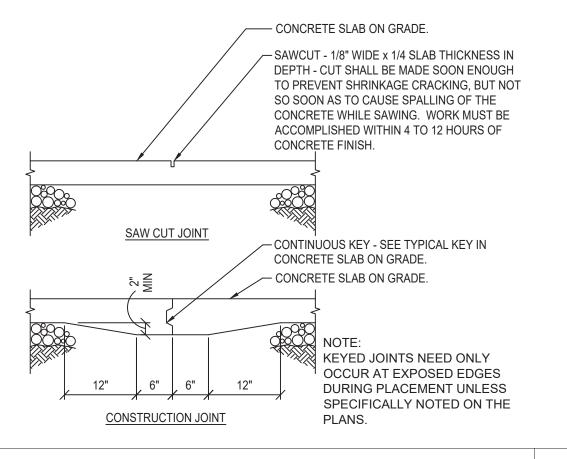
10 HVAC ROOF OPENING FOR DUCT. VERIFY SIZE WITH HVAC MFR. & MECHANICAL DWGS.

(2)2x6 BUILT-UP COLUMN AT TRUSS BEARING, TYP. @ GIRDER. TRUSS ONLY. REF. DETAIL 12/S4 2

ROOF NAILING SCHEDULE

D





ANCHOR RODS AT HOLDDOWN LOCATIONS

SILL GASKET -

#4 DOWELS @ 24" OC-

SEE SCHEDULE FOR SIZE —

CONT. R-10 RIGID INSULATION BOARD FROM BOTTOM OF .

FOUNDATION TO BOTTOM OF

SEE WALL SCHEDULE ON

BOLT REQUIREMENTS TYP -

CONT. R-10 RIGID INSULATION

FOUNDATION TO BOTTOM OF /

BOARD FROM BOTTOM OF

WALL CONSTRUCTION ——

ANCHOR BOLTS PER

SHEAR WALL SCHEDULE.

EMBED. IN GROUT SOLID

CMU GRADE BLOCK — SILL GASKET ----

12" GROUT SOLID CMU

#4 DOWELS

@ 24" OC —

GRADE BLOCK - TYPICAL —

CONT. R-10 RIGID INSULATION

FOUNDATION TO BOTTOM OF

BOARD FROM BOTTOM OF

WALL CONSTRUCTION —

SHEET S1 FOR ANCHOR

SILL GASKET -

#4 DOWELS

@ 24" OC —

SIDEWALK -

REFER TO

SITE PLAN /

ANCHOR ROD

INFORMATION

WALL CONSTRUCTION -



PROVIDE CAST IN PLACE

HEADED ANCHOR ROD OR

-(2) #5 CONT.

SEE DETAIL 1/S4.0

HOLDOWN DETAIL NO SCALE 6

FOR ADDITIONAL INFORMATION

- 4" CONC SLAB W/ WWF

6x6-W1.4x1.4

— (2) #5 CONT.

NOTE:

SEE 1/S4.0 FOR

INFORMATION NOT

- 4" CONC SLAB W/ WWF

6x6-W1.4x1.4

3" CLR.

FOOTING AT SHEARWALL 3 NO SCALE 8

1'-6"

(3) #5 CONT.

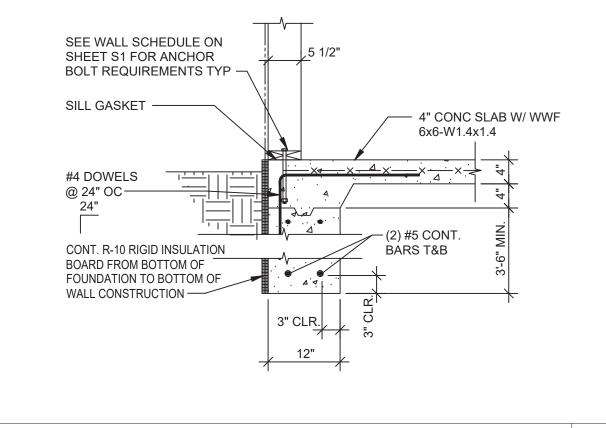
BARS T&B

BARS T&B

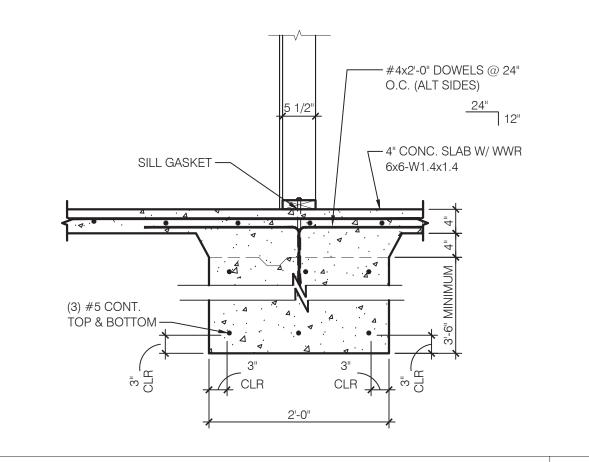
3" CLR.

12"

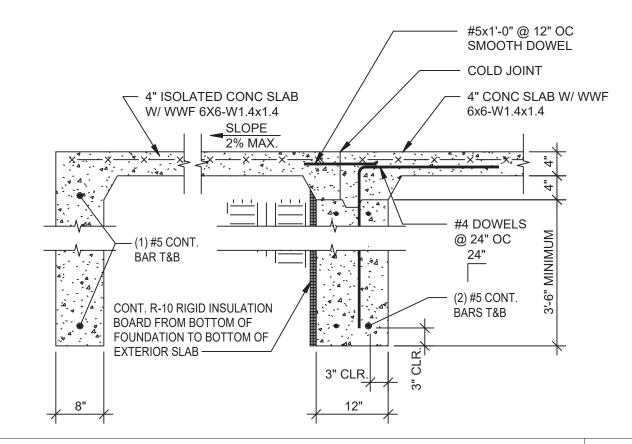
FOOTING AT FRONT WALL NO SCALE 7



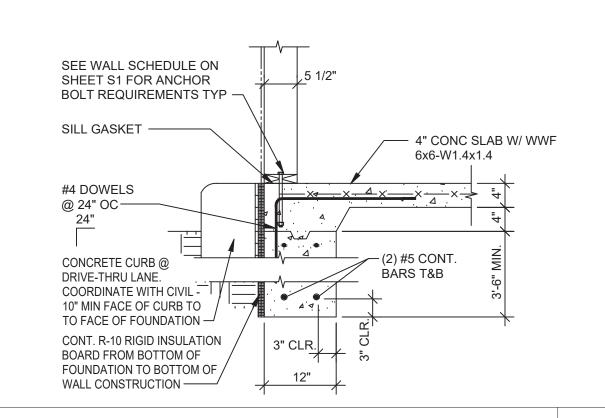
FOOTING AT SIDE AND REAR WALLS NO SCALE 1



FOOTING AT SHEARWALL NO SCALE 2



FOOTING AT FULL HEIGHT OPENING NO SCALE 3







441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307

(248) 524-4700 (248) 524-9746

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	PROJEC	CT # 21017
	DATE	REMARKS
_		
ON	ITRACT DAT	E:

END. MED 40 BUILDING TYPE: PLAN VERSION: MARCH 2021 BRAND DESIGNER: SITE NUMBER: 315286

STORE NUMBER: PA/PM: DRAWN BY.:

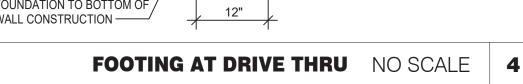
JOB NO.:

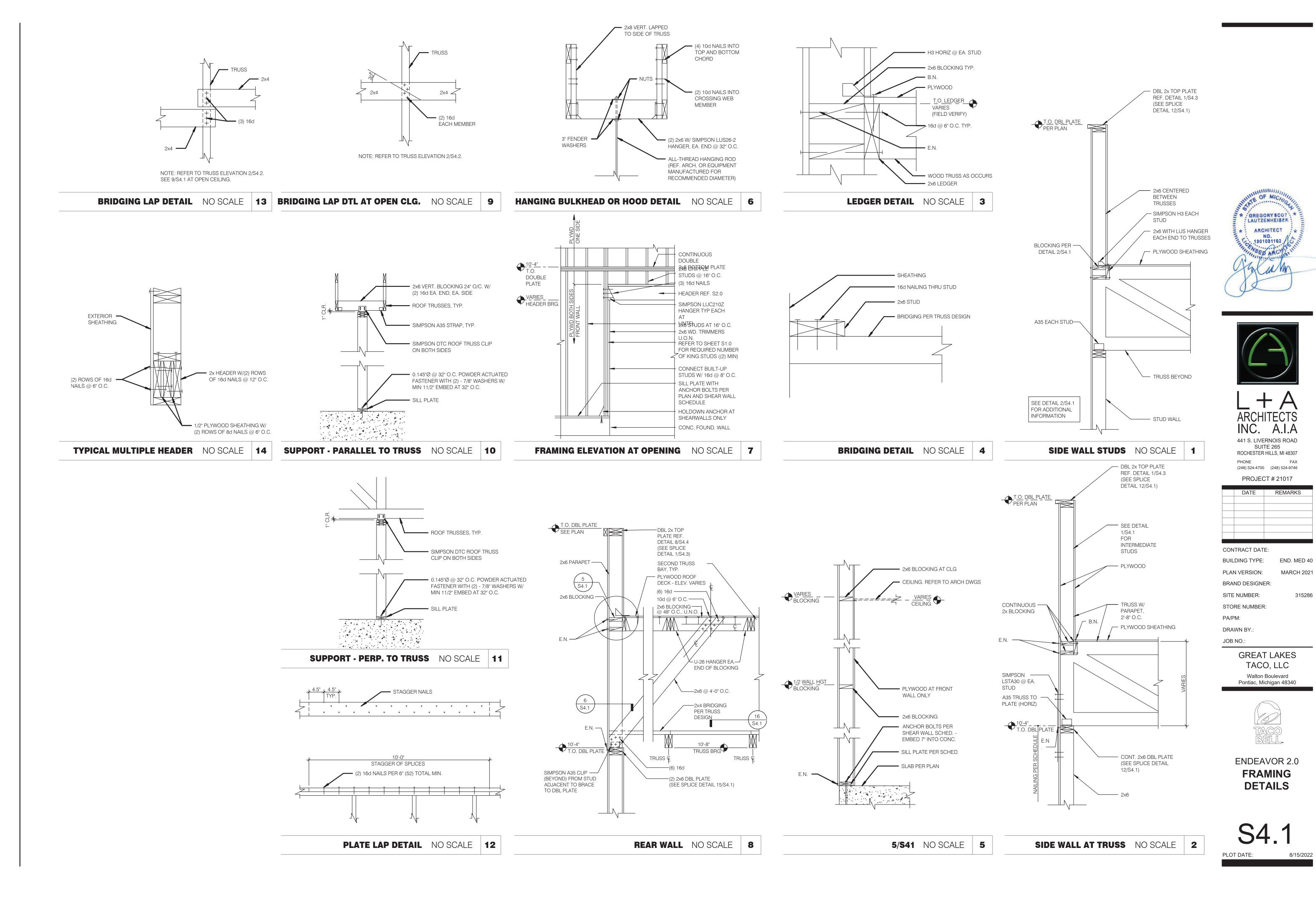
GREAT LAKES TACO, LLC Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 FOUNDATION DETAILS

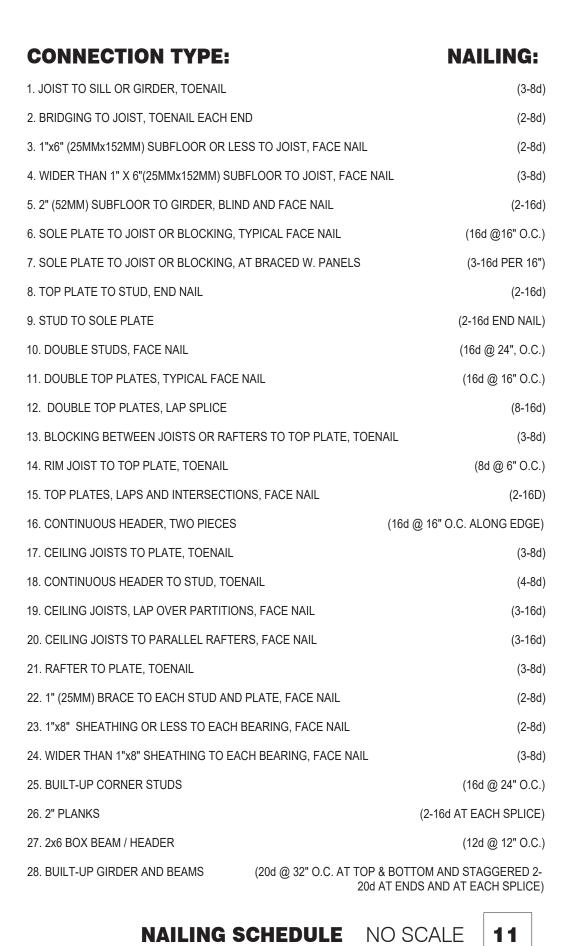
PLOT DATE:





315286

8/15/2022



(3)2X6 COLUMN W/ 30d NAILS

(4) 2X6 COLUMN

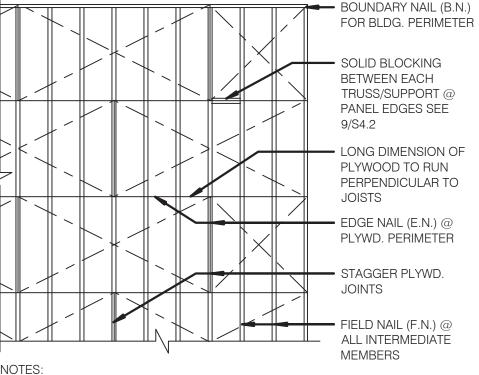
30d COMMON

30d COMMON

NAILS

@ 8"O.C.

(3) 2X6 COLUMN



ROOF NAILING PLAN NO SCALE 8

COORDINATE WEIGHTS WITH HVAC UNIT SCHEDULE

DESIGN WEIGHT

1336 lbs.

2560 lbs.

122 lbs.

78 lbs.

300 lbs.

200 lbs.

300 lbs.

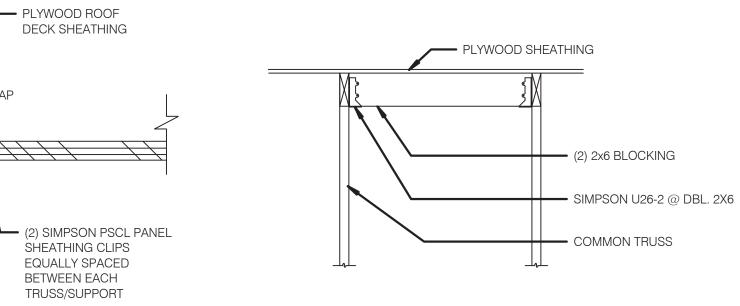
300 lbs.

1. MIN. PLYWD. SHT. SIZE SHALL BE 2'-0" X 4'-0". 2. MIN. 3/8" NAILING EDGE DISTANCE.

3. EDGE NAIL (E.N.) O/ BEAMS AND AROUND ALL OPENINGS.

ROOF TOP EQUIP. WEIGHTS NO SCALE 5

ROOF OPENING DETAIL NO SCALE 6



EQUIPMENT

HVAC UNIT - RTU-1

HVAC UNIT - RTU-2

EXHAUST FAN - EF-1

EXHAUST FAN - EF-2

HOOD #1 - TACO BELL

FREEZER CONDENSER

COOLER CONDENSER

ICE CONDENSERS

T.O. PLATE H ROOF SHEATHING XXXXXXX XXXXXXX ADD 2x6 @ SPLICE 2x6 LEDGER/BLOCKING BETWEEN TRUSSES VARIES _____ - __ - __ 2x6 BLOCKING BETWEEN TRUSS & INTERMEDIATE STUDS - ADD 2x6 @ SPLICE ADD 2x6 @ SPLICE STUDS PER DETAIL 1/S4.1 TOP PLATE — HEADER PER PLAN (TYP.) SIMPSON 'MSTI48' STRAP - SIMPSON W/(48)-10d NAILS EA. END A35 ANGLE — SIMPSON A35 ANGLE SEE 12/S4.1 FOR TOP PLATE SPLICE DETAIL ─ STUDS PER PLAN (TYP.) — (2) 2x6 KING STUDS (2) 2x6 JACK STUDS SEE 12/S4.2 FOR NAILING DETAIL

PRE-ENG. TRUSSES @ 2'-8" O.C.

TRUSSES @ 16" O.C.

— 2 - 2x6 TOP PLATE

TRUSS 2x6 PARAPET

EXTENSION @ 2'-8" O.C.

GREGORYSCOT ARCHITECT NO. 1301031102



INC. A.I.A 441 S. LIVERNOIS ROAD SUITE 265

ROCHESTER HILLS, MI 48307 (248) 524-4700 (248) 524-9746

	PROJEC	CT # 21017
	DATE	REMARKS
001	TDAGT DAT	
	TRACT DAT DING TYPE:	—·

PLAN VERSION: MARCH 2021 **BRAND DESIGNER** SITE NUMBER: 315286

STORE NUMBER: PA/PM: DRAWN BY.:

JOB NO.:

GREAT LAKES TACO, LLC Walton Boulevard

Pontiac, Michigan 48340

ENDEAVOR 2.0 FRAMING DETAILS

 PLYWOOD SHEATHING TRUSS U.N.O. PLANS — PLWD. EDGE NAILING (E.N.) AROUND OPENING AS JOIST OR RAFTER U.N.O. HANGERS SHALL BE "SIMPSON" STANDARD "U" @ ROOF.

BUILT-UP 2X COLUMNS NO SCALE 12 TYPICAL ROOF OPENING NO SCALE 10

(3) 2X4 COLUMN

JOIST, RAFTERS OR HEADER SAME SIZE

PLYWOOD EDGE BLOCKING NO SCALE 9

DBL. JOIST OR RAFTERS SHALL BE JOINED TOGETHER AS

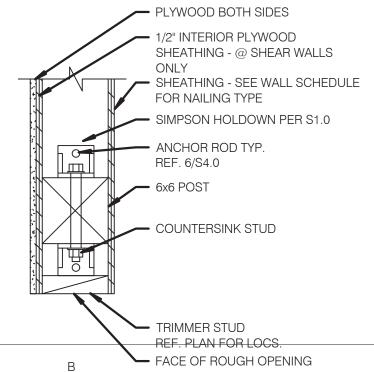
FOLLOWS: 1. 10" OR LESS NOM. DEPTH - 16d @ 12" O.C. STAGGERED 2. MORE THAN 10" - (2)16d @ 12" O.C.

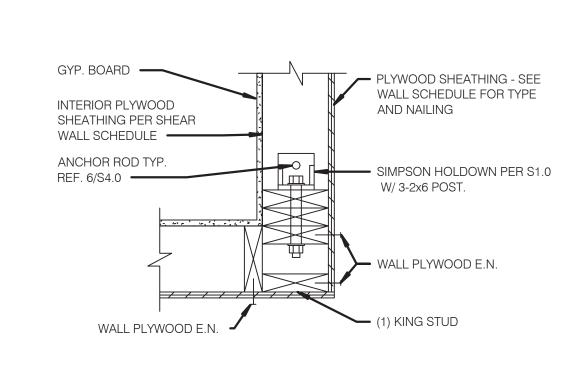
+ + +						
	JOIST HANGERS -	TRUSS TYPES	SINGLE TRUSS DESIGNATION	DOUBLE TRUSS DESIGNATION	BEARING POINT	COMMENTS
- OPENING	SEE NOTE BELOW	T1 - T28	X	XX	\triangle	SEE NOTE 1
PER						

NOTES:

- 1. HOLDOWN CONNECTORS SHALL BE SPECIFIED BY SITE SPECIFIC ARCHITECT/ ENGINEER BASED UPON LOADING DATA PROVIDED BY TRUSS DESIGNER.
- 2. PROVIDE SHOP DRAWINGS PRIOR TO FABRICATION.
- 3. TRUSS MEMBER SIZES ARE FOR REFERENCE ONLY. ACTUAL SIZE SHALL BE DETERMINED BY TRUSS MANUFACTURER BASED ON ACTUAL LOAD CONDITIONS

TRUSS SCHEDULE NO SCALE 7





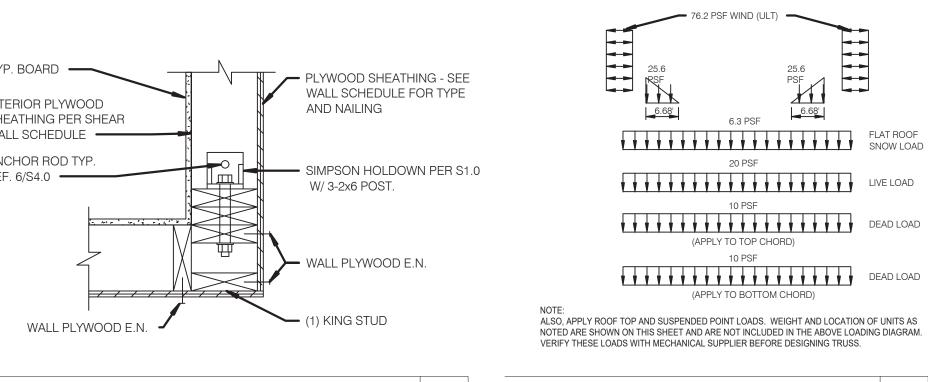
MIN. 20"Wx10"D CLEARANCE AREA

REQUIRED FOR HVAC DUCT &

INSULATION.

1. ALL WEBS MUST ALIGN BETWEEN TRUSSES

2. TRUSS MEMBER CONNECTIONS TO BE PER



MIN. 20"Wx10"D CLEARANCE

AREA REQUIRED FOR HVAC

DUCT & INSULATION. ———

MIN. 12" DIA.

CLEARANCE AREA

REQUIRED FOR HVAC

DUCT & INSULATION. -

— GYP. BOARD OR PLYWOOD ■ 1/2" INTERIOR PLYWOOD SHEATHING - @ SHEAR WALLS ONLY SHEATHING - SEE WALL SCHEDULE FOR NAILING TYPE SIMPSON HOLDOWN PER S1.0 ANCHOR ROD TYP. REF. 6/S4.0 (2)-2x6 KING STUDS — COUNTERSINK STUD 2 TRIMMER STUDS REF. PLAN FOR LOCS. FACE OF ROUGH OPENING

MANUFACTURER.

BEARING EL.

LIVE LOAD DEAD LOAD DEAD LOAD ALSO, APPLY ROOF TOP AND SUSPENDED POINT LOADS. WEIGHT AND LOCATION OF UNITS AS NOTED ARE SHOWN ON THIS SHEET AND ARE NOT INCLUDED IN THE ABOVE LOADING DIAGRAM.

CONT 2X4 LATERAL

BRACING. SEE SHT. S3.0 -

(1) 2x6 MIN.

(2) | 2x4 MIN.

TRUSS ELEVATION NO SCALE 2

TRUSS LOAD DIAGRAMS NO SCALE 3

WALL FRAMING DETAIL NO SCALE 1

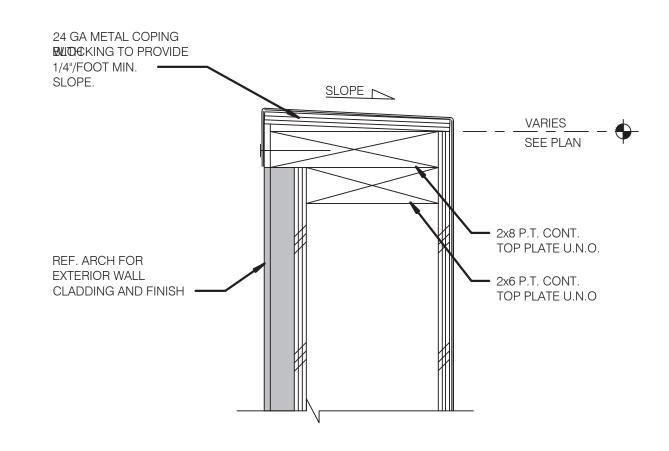
REFER TO

MECHANICAL

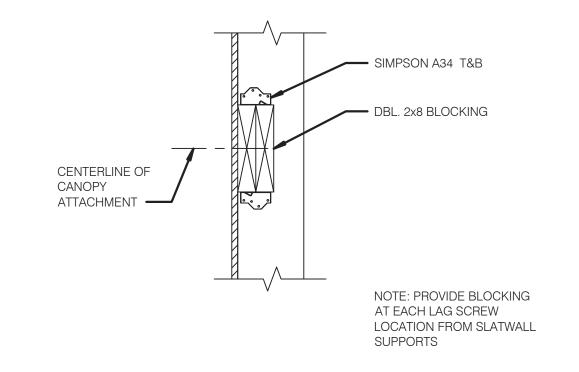
FOR DUCT SIZE -

c **4/S42** NO SCALE **4**

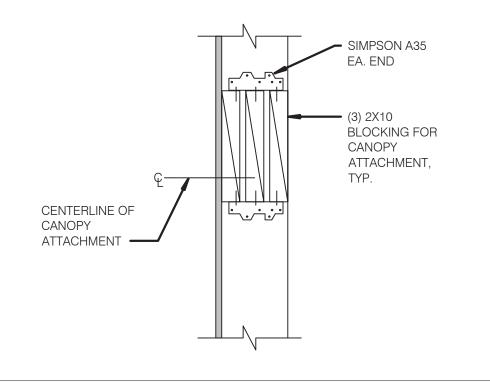
- EQUAL SPACES, TYP.



TYPICAL PARAPET CAP NO SCALE 1



SIGNAGE ATTACHMENT BLOCKING DETAIL NO SCALE 2



CANOPY TIE BACK BLOCKING DETAIL NO SCALE 3





ARCHITECTS INC. A.I.A 441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307

PHONE (248) 524-4700 (248) 524-9746

DDO IECT # 21017

PROJECT # 21017		
DATE	REMARKS	

315286

CONTRACT DATE: BUILDING TYPE: END. MED 40 PLAN VERSION: MARCH 2021

BRAND DESIGNER: SITE NUMBER: STORE NUMBER:

PA/PM: DRAWN BY.:

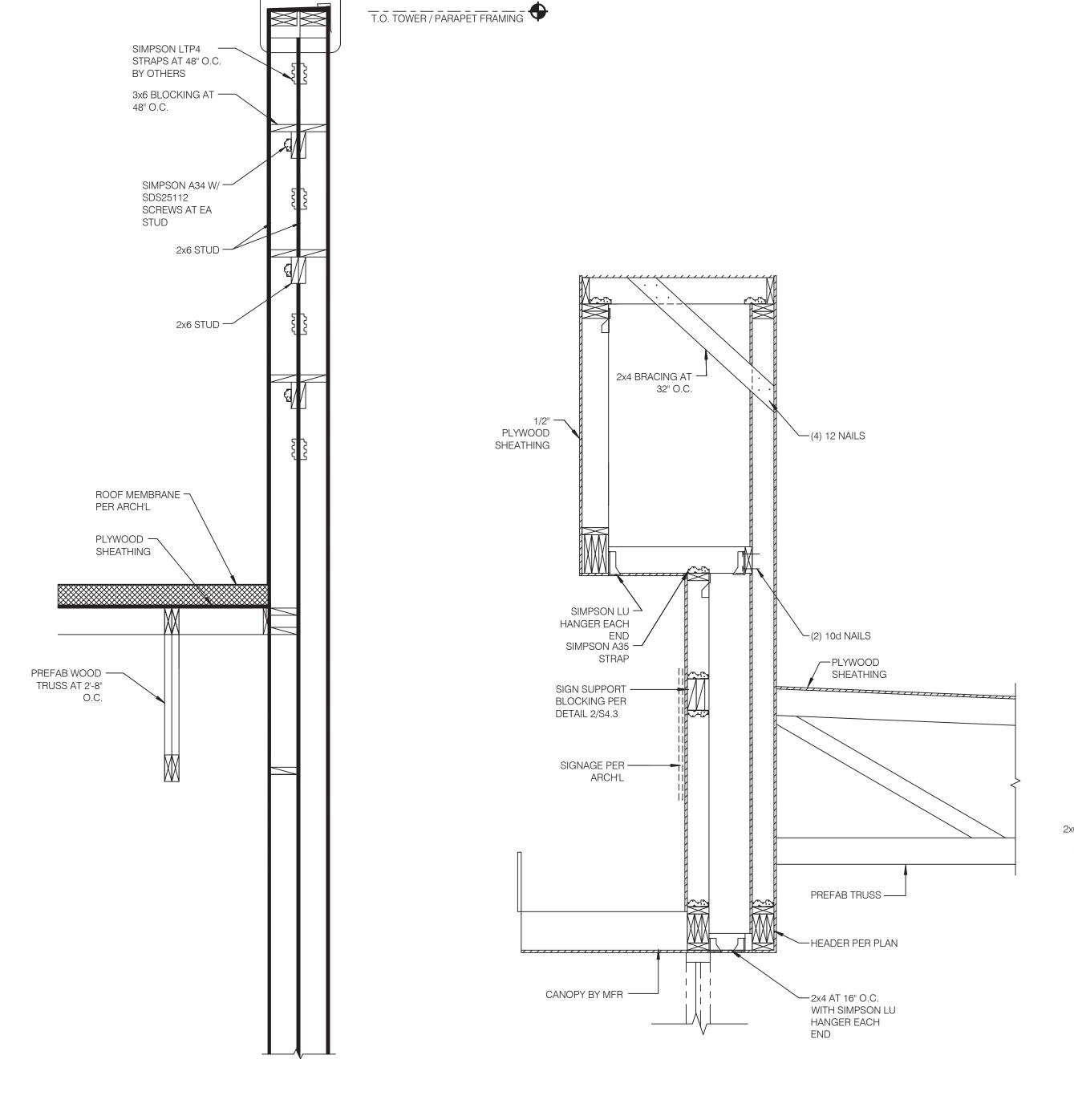
JOB NO.:

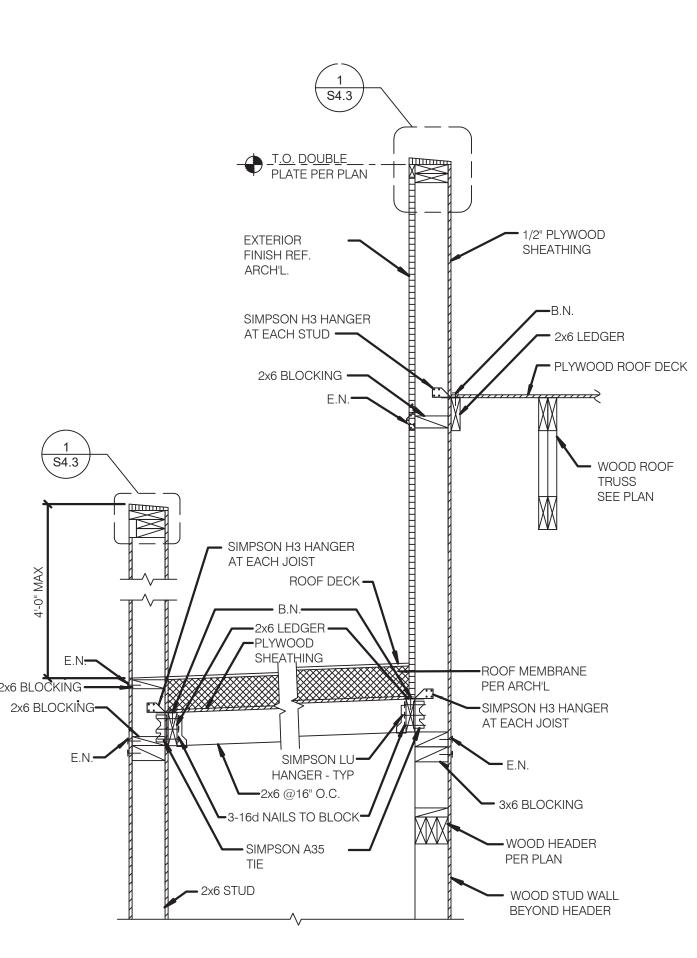
GREAT LAKES TACO, LLC

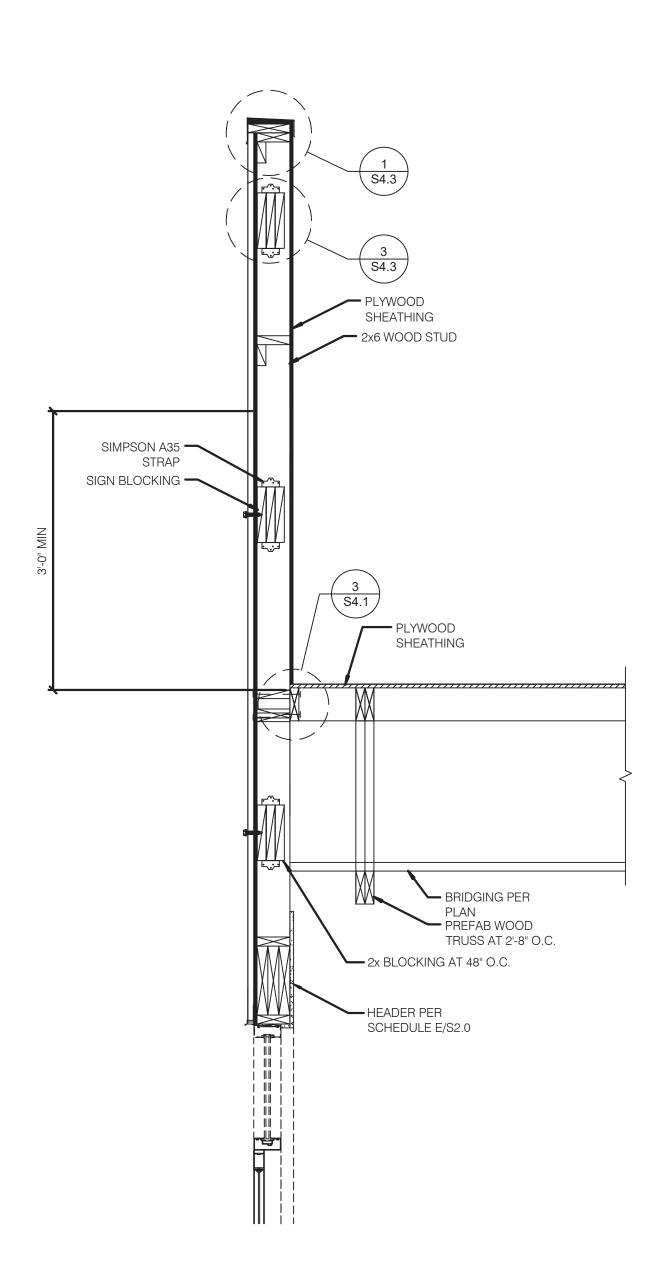
Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 FRAMING DETAILS











441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307

(248) 524-4700 (248) 524-9746

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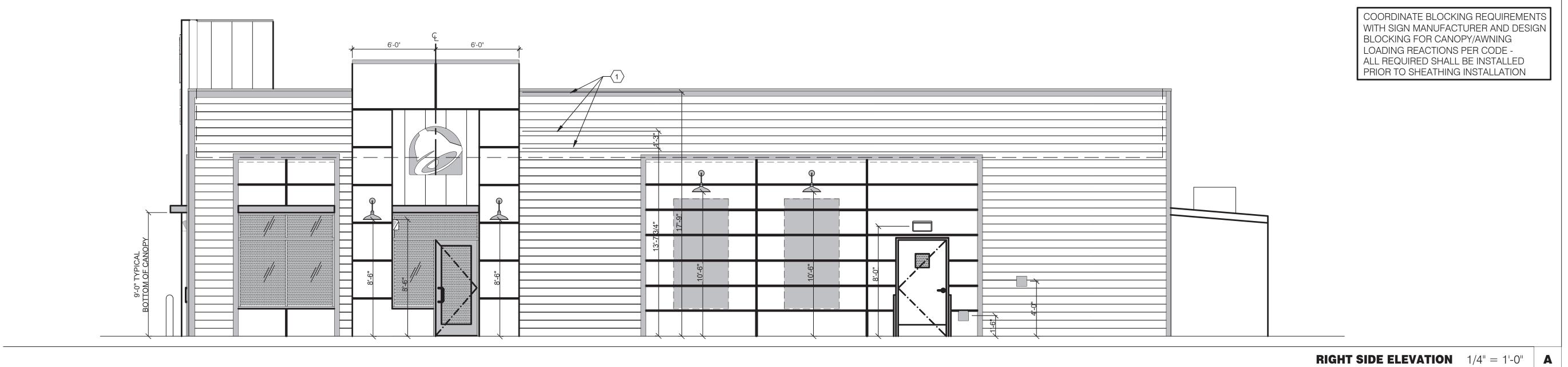
ENDEAVOR 2.0 **FRAMING DETAILS**

SECTION AT TOWER NO SCALE 4

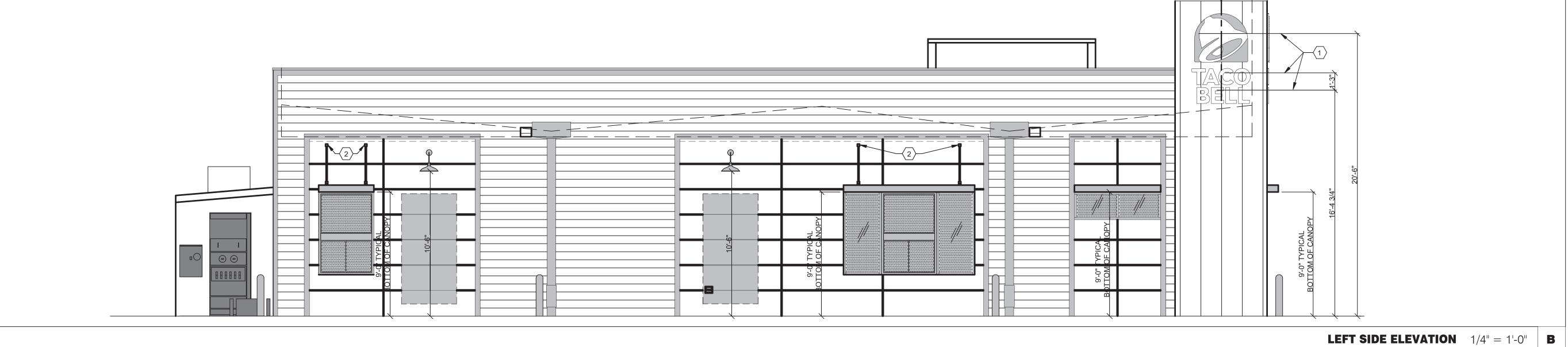
SECTION AT STOREFRONT NO SCALE 3

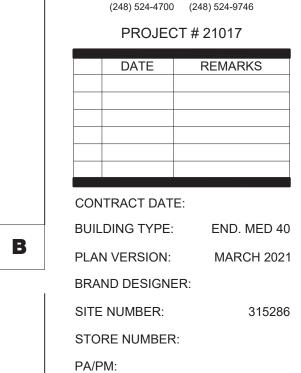
SECTION AT WALK-IN COOLER NO SCALE 2

SECTION AT FRONT WALL NO SCALE 1









441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307



DRAWN BY.:

JOB NO.:

EVIEND DI COMING AC DECUMPED TO FIT DETIMENI CTUDO	
EXTEND BLOCKING AS REQUIRED TO FIT BETWEEN STUDS.	

- 2. ELEVATION AT BOTTOM OF CANOPIES SHALL BE 9'-0" A.F.F. (U.N.O.).
- 3. COORDINATE SIGNAGE ELEMENTS AND BLOCKING REQUIREMENTS WITH SIGNAGE VENDOR; SEE SCOPE OF WORK.

SOLID BLOCKING FOR FASTENERS AS REQUIRED FOR SIGN MOUNTING.

PROVIDE BLOCKING FOR CANOPY. SEE DETAIL 13/S4.3.

- 4. THIS SHEET IS TO INDICATE BLOCKING REQUIREMENTS FOR AWNING AND CANOPIES. ADDITIONAL BLOCKING IS REQUIRED FOR OTHER ITEMS AS SHOWN ON OTHER DRAWINGS.
- 5. FOR CUPOLA ATTACHMENTS, SEE SHEET S3.0.

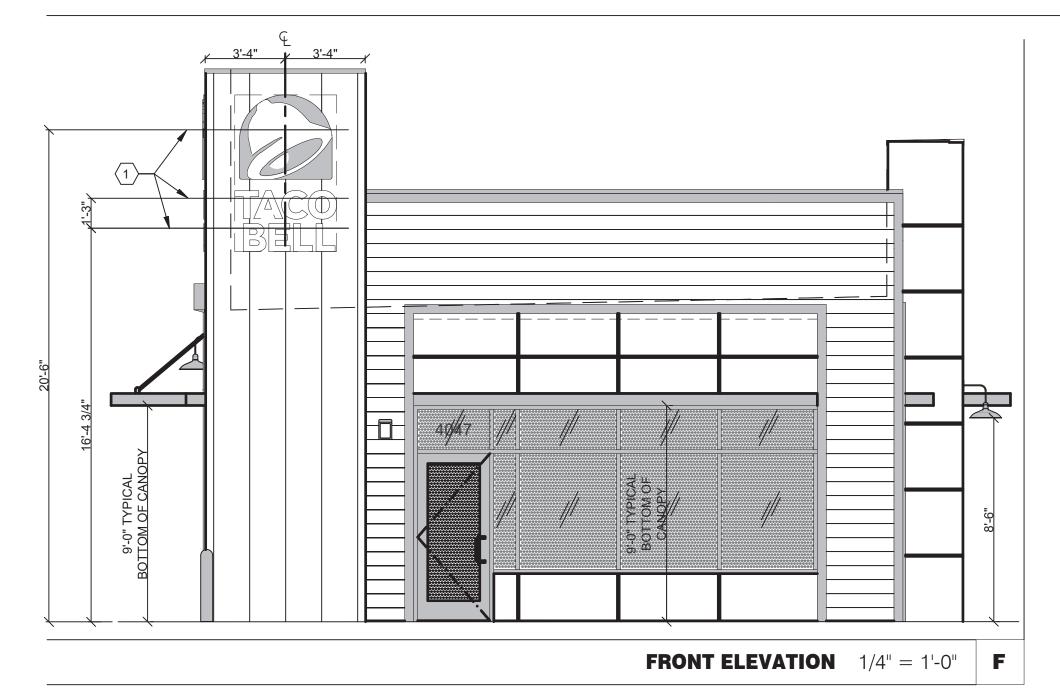
GENERAL NOTES

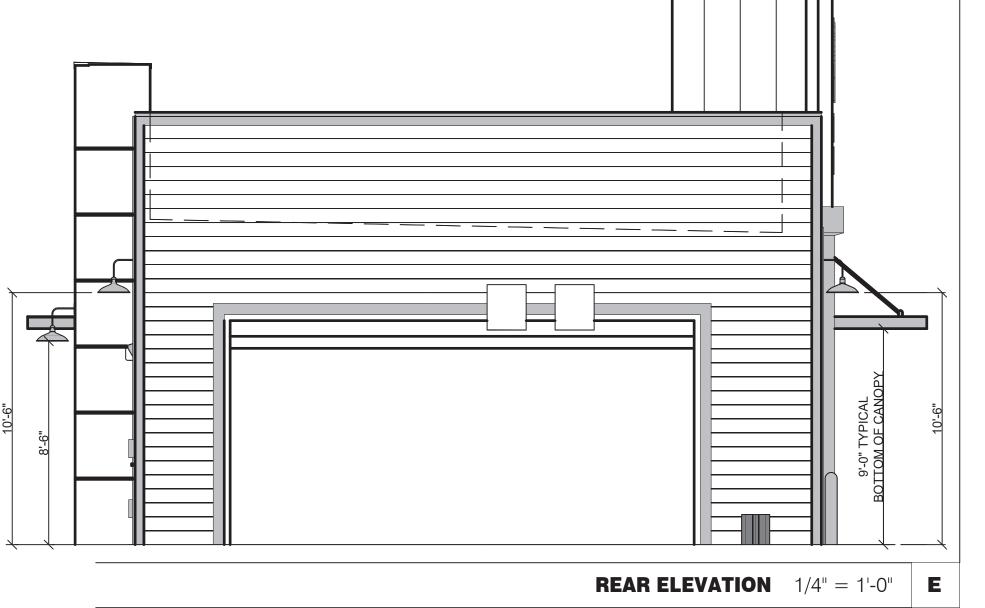
ENDEAVOR 2.0 CANOPY/AWNING

GREAT LAKES TACO, LLC Walton Boulevard Pontiac, Michigan 48340

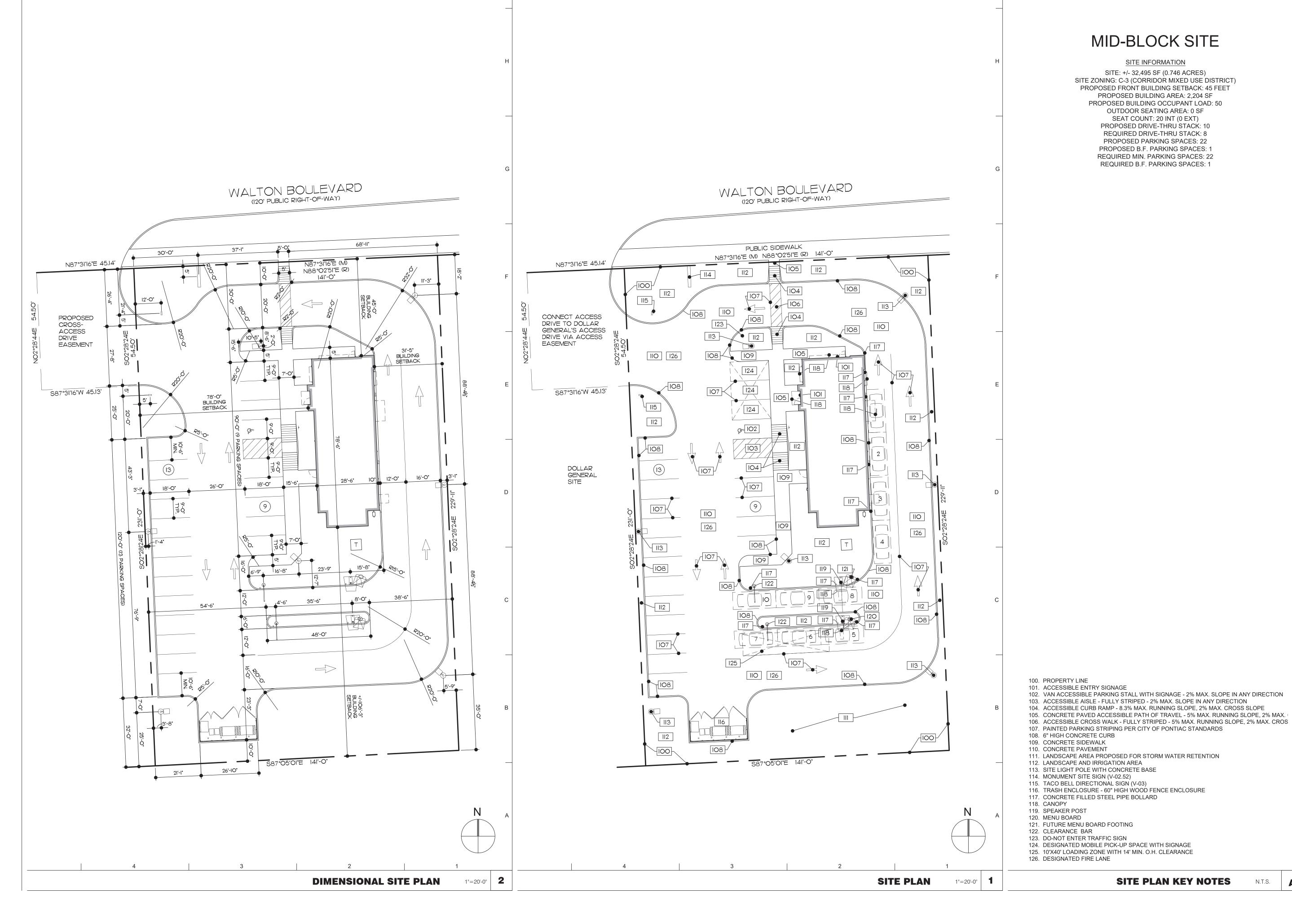
BLOCKING

ELEVATIONS





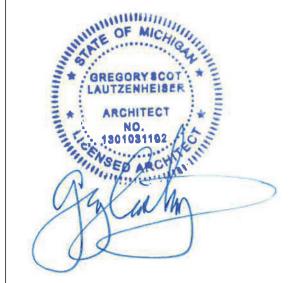
KEYNOTES



MID-BLOCK SITE

SITE INFORMATION SITE: +/- 32,495 SF (0.746 ACRES) SITE ZONING: C-3 (CORRIDOR MIXED USE DISTRICT) PROPOSED FRONT BUILDING SETBACK: 45 FEET PROPOSED BUILDING AREA: 2,204 SF PROPOSED BUILDING OCCUPANT LOAD: 50 OUTDOOR SEATING AREA: 0 SF SEAT COUNT: 20 INT (0 EXT) PROPOSED DRIVE-THRU STACK: 10 REQUIRED DRIVE-THRU STACK: 8 PROPOSED PARKING SPACES: 22 PROPOSED B.F. PARKING SPACES: REQUIRED MIN. PARKING SPACES: 22

REQUIRED B.F. PARKING SPACES: 1





INC. A.I.A 441 S. LIVERNOIS ROAD

SUITE 265 ROCHESTER HILLS, MI 48307 PHONE (248) 524-4700 (248) 524-9746

PROJECT # 21017										
	DATE	REMARKS								

CONTRACT DATE: **BUILDING TYPE:**

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STORE NUMBER: PA/PM:

DRAWN BY.: JOB NO.:

> **GREAT LAKES** TACO, LLC Walton Boulevard

Pontiac, Michigan 48340



ENDEAVOR 2.0 SITE PLAN

SITE PLAN KEY NOTES

N.T.S.



PONTIAC,MI BY:SAM(MWE) DATE:3/22/22 REV:

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

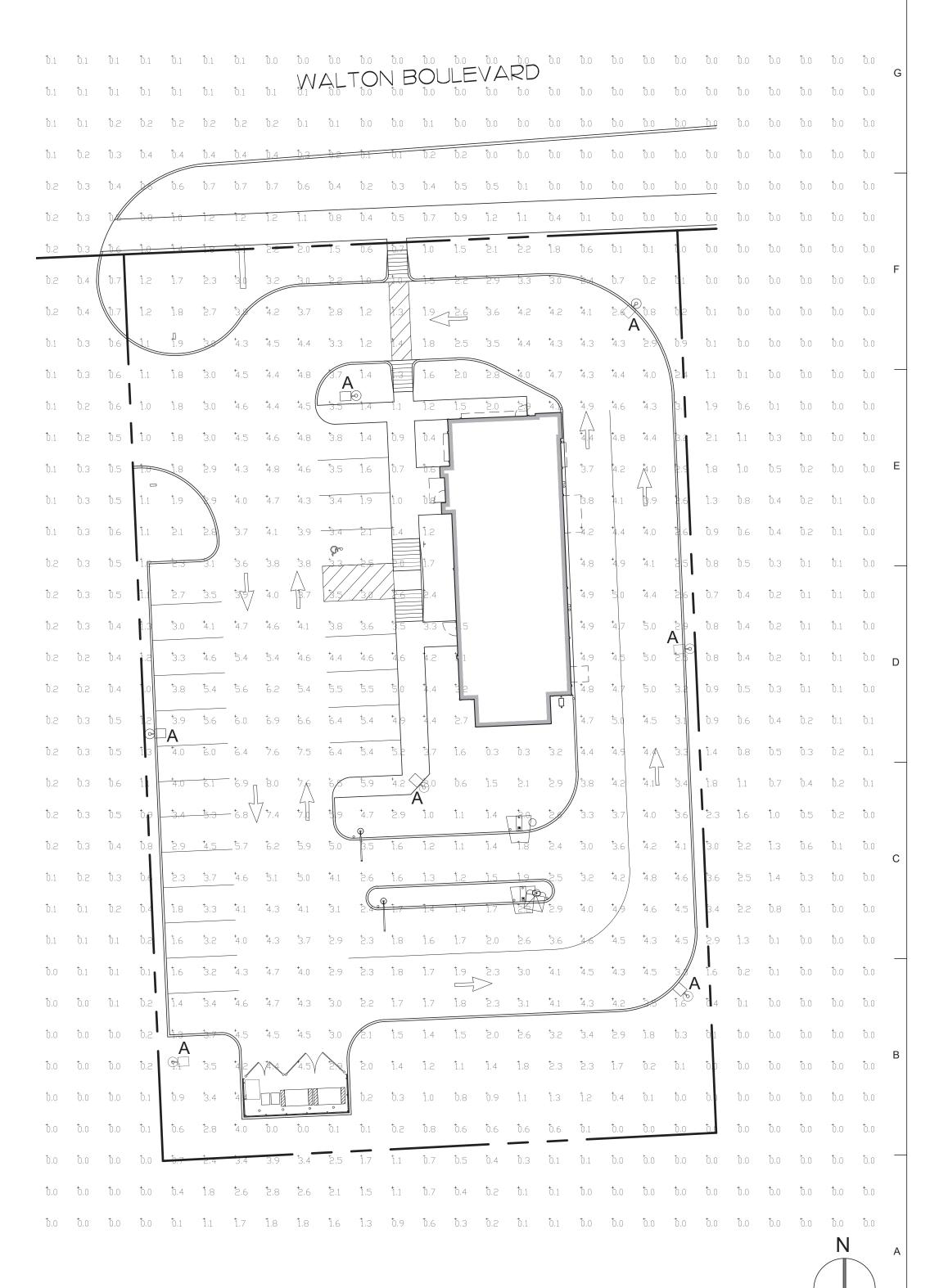
This lighting plan represents illumination levels calculated from laboratory data taken under controlled conditions in accordance with The Illuminating Engineering Society (IES) approved methods. Actual performance of any manufacturer's luminaires may vary due to changes in electrical voltage, tolerance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

TOTAL PROJECT WATTS = 1232

Luminaire Schedule

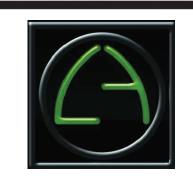
		IC OFORC							
Symbol	Qty	Label	Arrangement	Description	LLD	UDF	LLF	Arr. Lum. Lumens	Arr. Watts
9	7	А	SINGLE	MRM-LED-24L-SIL-FT-50-70CRI-IL-SINGLE-25' MH	1.000	1.000	1.000	16436	176

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CALCULATION POINTS AT GRADE	Illuminance	Fc	1.62	8.0	0.0	N.A.	N.A.
PARKING AND DRIVING SUMMARY	Illuminance	Fc	3.78	8.0	1.0	3.78	8.00









441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307

PHONE (248) 524-4700 (248) 524-9746

PROJECT # 21017										
DATE	REMARKS									

CONTRACT DATE: BUILDING TYPE: PLAN VERSION:

BRAND DESIGNER: SITE NUMBER:

> STORE NUMBER: PA/PM:

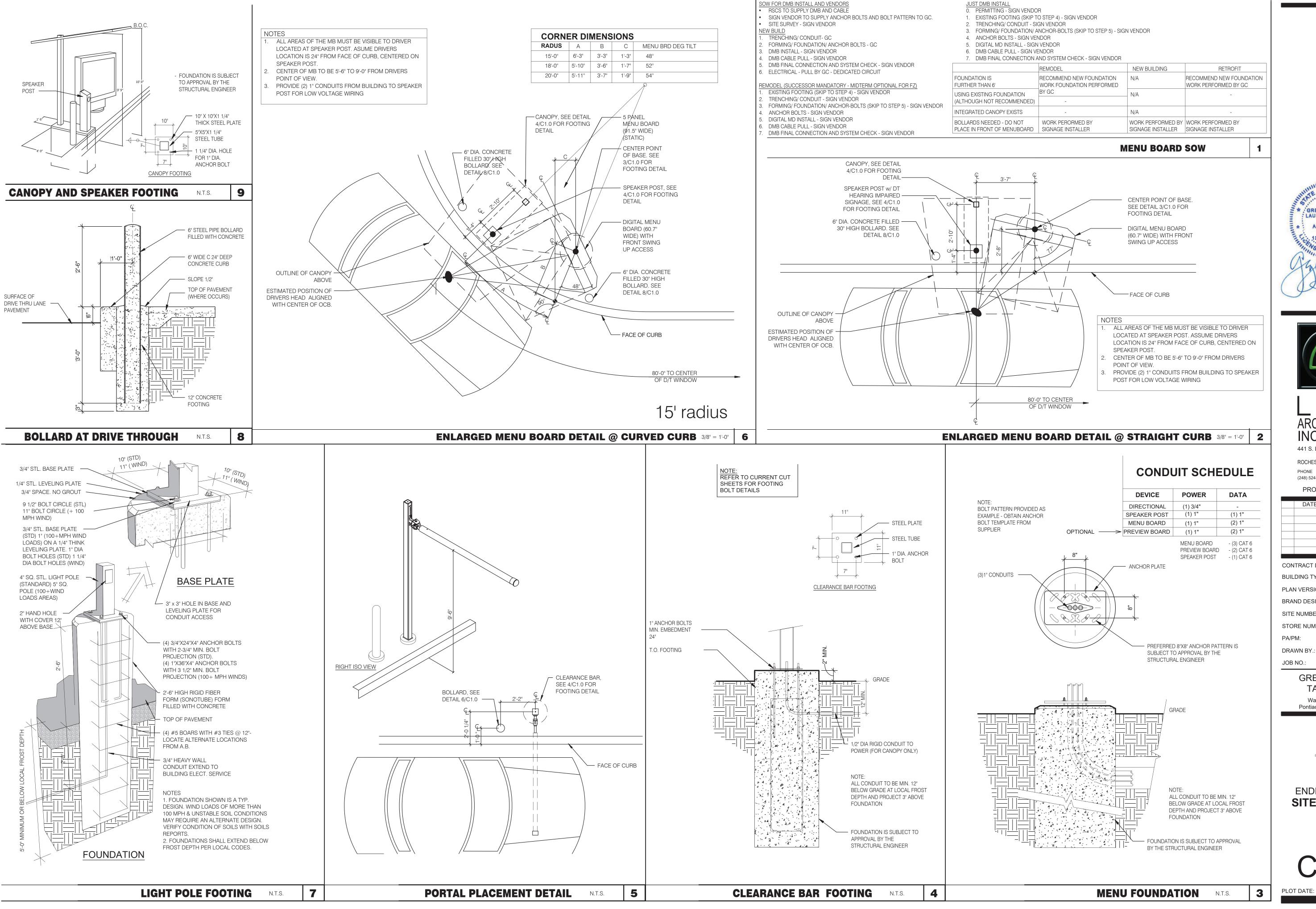
DRAWN BY.:

JOB NO.: **GREAT LAKES**

TACO, LLC Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 PHOTOMETRIC SITE PLAN







INC. A.I.A 441 S. LIVERNOIS ROAD SUITE 265

ROCHESTER HILLS, MI 48307 (248) 524-4700 (248) 524-9746

PROJECT # 21017										
	DATE	REMARKS								

CONTRACT DATE: BUILDING TYPE: END. MED 40 MARCH 2021 PLAN VERSION: BRAND DESIGNER

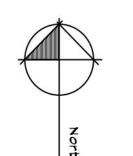
SITE NUMBER: STORE NUMBER:

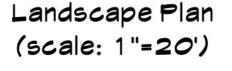
DRAWN BY.: JOB NO.:

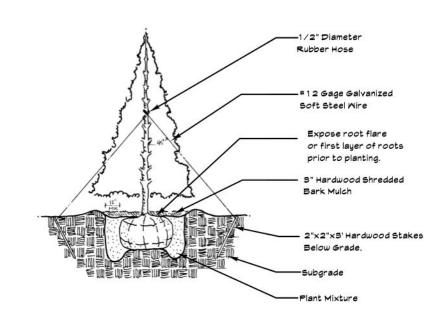
> **GREAT LAKES** TACO, LLC Walton Boulevard Pontiac, Michigan 48340



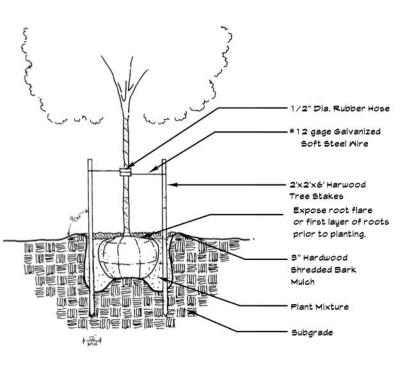
ENDEAVOR 2.0 SITE DETAILS



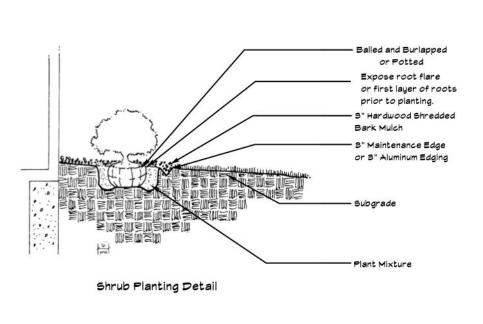




Evergreen Planting Detail-5' and Taller



Deciduous Trees 3" Caliper and Smaller



Notes:

- All landscaping shall be installed by a qualified Landscape Contractor.
 Plant sizes specified on the landscape plan shall be the size planted. Plants smaller then specified will be rejected. Substitutions of any kind must be approved
- by the Landscape Architect. 2. All plantings shall be mulched with 3" shredded premium hardwood bark mulch. Trees in lawn areas shall receive a 6' diameter bark ring 3" deep..

 3. The landscape contractor shall remove any twine that is wrapped around
- the trunk of a tree or shrub as well as the top third of any burlap. Remove excess soil on the top of the root ball to expose the root flare or first layer of roots prior to planting. Use a wire cutter to make 3-5 cuts in the wire basket to allow roots to grow through.

 4. When planting trees in the lawn area or on the berm the existing soil within a 10 foot diameter shall be loosened by tilling or similar and amended with composted manure or post at a doubt of 6.12"
- or peat at a depth of 6-12".
- 5. Planting areas shall be edged with a mechanical bed edger to define a border for the shedded bark mulch. 6. Parking Islands shall be back filled with at least 24" of topsoil. Amend the topsoil
- with composted manure and mix into the topsoil at a depth of 6-12". Any aggregate or stone from the construction of the parking lot shall be removed prior to backfill. 7. Lawn areas shall recieve at least 4" of topsoil and hydroseeded. Check with specifications for topsoil availability or contact project manager. Topsoil for lawns shall be appropriate for growing and sustaining a healthy lawn. All lawns shall be hydroseeded with a seed blend
- consisting of 30% Kentucky Bluegrass, 20% Perennial Ryegrass, 10% Hard Fescue, 20% Creeping Red Fescue and 20% Chewings Fescue.

 8. All lawn and shrub bed areas shall be watered by an automatic irrigation system.
- The irrigation system shall be designed and installed by the Landscape Contractor. Shrub areas shall be irrigated with drip irrigation.

 9. Maintenance of the landscape shall be provided for by the owner and include fertilizing
- of lawn and plant material, yearly pruning, top dressing of mulch areas every other year and provide 1" of water per week during the growing season.

 10. Plant materials shall be chosen and installed in accordance with standards recommended by the County Cooperative Extension Service or American Nursery Association.

THIS DRAWING AND ALL INFORMATION CONTAINED ON IT ARE THE SOLE, CONFIDENTIAL AND EXCLUSIVE PROPERTY OF JOYCE E. WEISE dba DESIGNSCAPES. PUBLICATION OF THIS DRAWING IS LIMITED ONLY TO THE SPECIFIC PROJECT AND OR SITE. REPRODUCTION, PUBLICATION, REUSE OR MODIFICATION OF THIS DOCUMENT IN WHOLE OR IN PART IS EXPRESSLY PROHIBITED WITHOUT PRIOR WRITTEN CONSENT OF JOYCE E. WEISE dba DESIGNSCAPES.





Landscape Plan Drawn By: Joyce E. Weise PLA, ASLA

Restaurant

SOCIETY OF LANDSCAPE

ARCHITECTS PROJECT NUMBER: 040222

DRAWN BY:

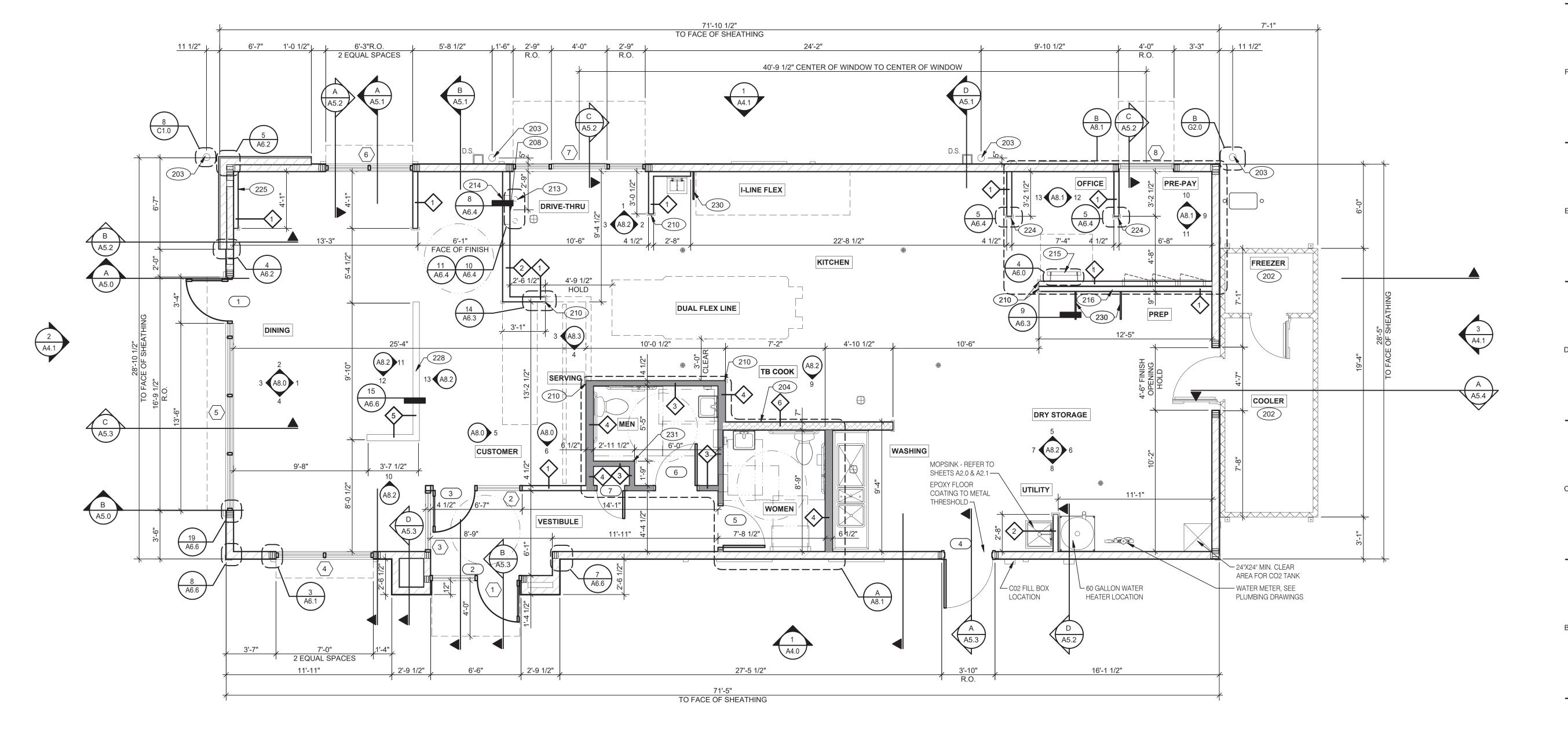
Joyce E. Weise PLA, ASLA DRAWING DATE:

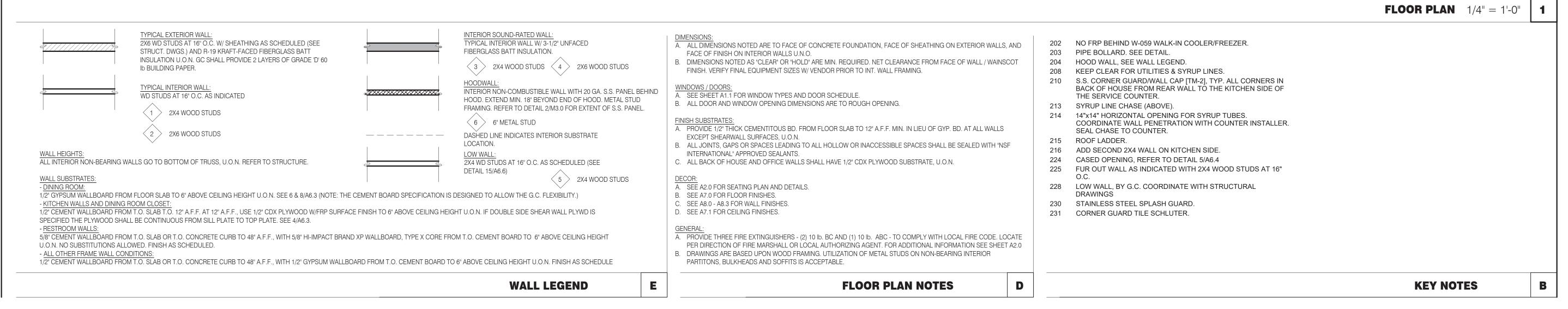
041122

ISSUED FOR: 04/13/22 Site Plan Approval

SCALE 1"=20

SHEET NUMBER









ARCHITECTS INC. A.I.A

SUITE 265 ROCHESTER HILLS, MI 48307 PHONE FAX

(248) 524-4700 (248) 524-9746

PROJECT # 21017										
	DATE	REMARKS	l							
			ı							

END. MED 40

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PLAN VERSION: MARCH 2021
BRAND DESIGNER:

SITE NUMBER: STORE NUMBER:

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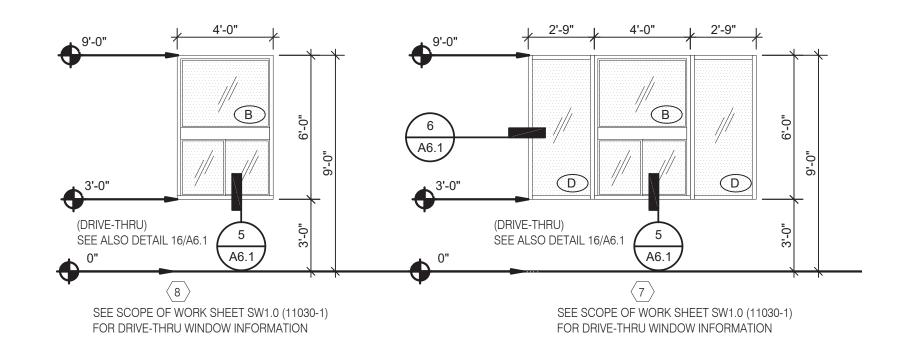
GREAT LAKES
TACO, LLC
Walton Boulevard

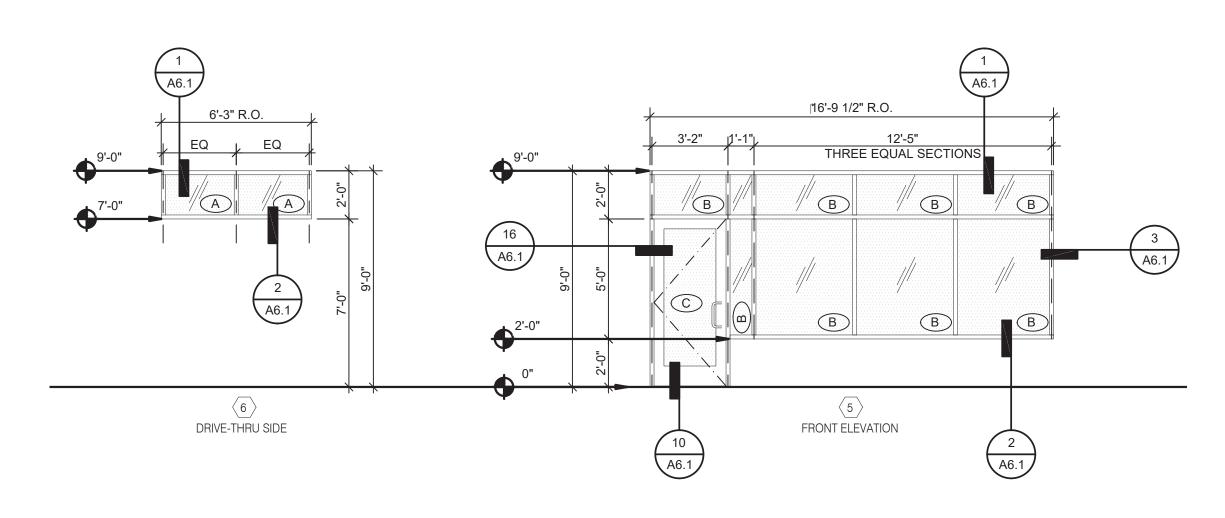
Pontiac, Michigan 48340

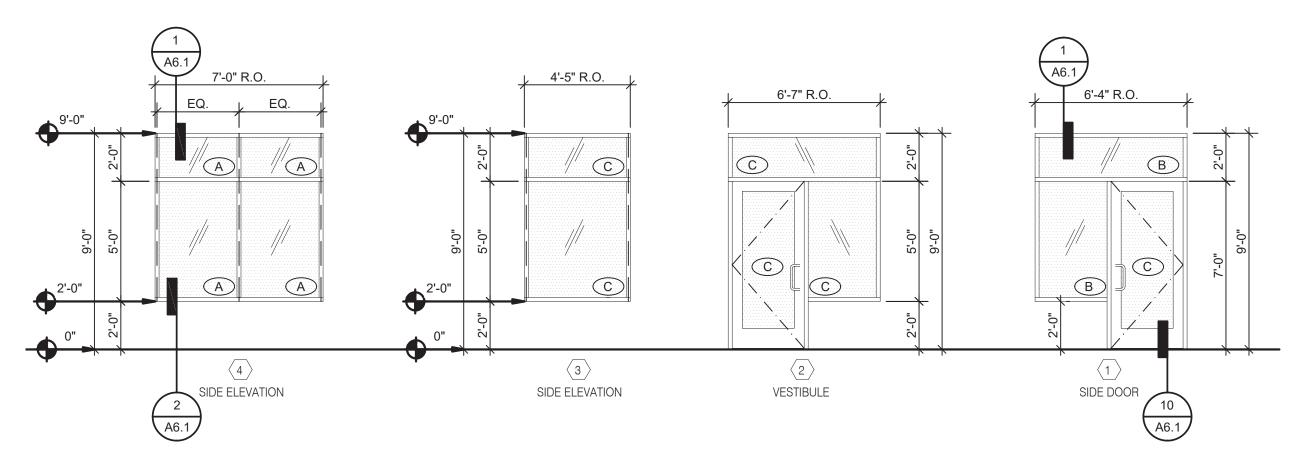


ENDEAVOR 2.0
FLOOR PLAN

A1.0







NOTE: ELEVATIONS DRAWN AS VIEWED FROM EXTERIOR OF BUILDING.

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

- 2. ENTIRE STOREFRONT SYSTEM SHALL BE DARK BRONZE
- 3. SEE SCHEDULE FOR GLASS TYPES.
- 4. REFER TO FLOOR PLAN, ELEVATIONS AND WALL SECTIONS FOR ROUGH OPENING DIMENSIONS.
- 5. ALL STOREFRONT MATERIAL AND GLAZING SHALL BE SUPPLIED AND INSTALLED BY G.C., U.O.N.
- 6. ALL STOREFRONT SYSTEM: KAWNEER 350 SERIES DOORS AND KAWNEER 450 SERIES WINDOWS WITH 1" INSULATED GLASS WITH LOW-E FILM OR EQUAL ENERGY EFFICIENCY.

NATIONAL ACCOUNTS SUPPLIER

INTERIOR DOORS, FRAMES & HARDWARE HAMILTON PARKER

LOCKNET CONSTRUCTION@LOCKNET.COM

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

OLD CASTLE

FG-3000

ROOM NAME

VESTIBULE

NO.

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

STOREFRONT SPECIFICATION

VITROGLAZINGS

SOLARBAN 70 SOLAR CONTROL LOW-E

ENTIRE STOREFRONT SYSTEM SHALL BE DARK BRONZE

GLASS SCHEDULE

A 1" INSULATED GLASS

C 1/4" TEMPERED GLASS

B 1" INSULATED TEMPERED GLASS

D SAFETY GLASS BY MANUFACTURER

SHGC = 0.25 FOR STOREFRONT DOOR GLAZING. SHCG = 0.37 FOR STOREFRONT WINDOW GLAZING. DAYTIME VISIBILITY INTO THE DINING ROOM SHALL BE MAINTAINED. ****ALL STOREFRONT GLAZING SHALL BE LOW "E" SOLAR GLASS****

WIDTH HEIGHT THICK

3'-0" 7'-0" 1 3/4" A AL AL

7 PASSAGE 2'-0" 7'-0" 1 3/4" D WD HM



NOTES

CLOSERS KICK THRESHOLD DOOR STOP

|X|X|X

- 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.
- 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) WOMEN. SEE G4.0.

DOOR SCHEDULE NOTES

10/A6.1 8, 10, 13, 15

10/A6.1 8, 10, 13, 15 8, 10, 13

DOOR SCHEDULE

6, 9, 10, 11, 12, 14, 17

6, 9, 10, 11, 12, 14, 17

9 BOTH SIDES, 14

7/A6.1 11/A6.1 8/A6.1 6, 7, 10, 14, 18

X X 6/A6.4 6/A6.4

X X 6/A6.4 6/A6.4

6/A6.4 6/A6.4

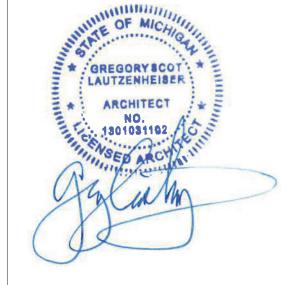
DOOR NOTES

* LESS THAN DOOR WIDTH

DETAIL LOCATIONS

MINIMUM SWEEP TIME FROM 90 DEGREES OPEN TO 12 DEGREES FROM CLOSE: 5 SECONDS.

- 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. PROVIDE 2" REMOVABLE ASTRAGAL FROM INSIDE ONLY.
- 17. OPTIONAL HARDWARE AT RESTROOM DOOR: OCCUPANCY INDICATION DEADBOLT, FALCON D271 PUSH PLATE, ROCKWOOD 70F - 8" X 16" PULL PLATE, TRIMCO 1017-3B - 4" X 16"
- 18. GC TO TRIM DOOR SWEEP TO FIT DOOR.





441 S. LIVERNOIS ROAD SUITE 265

ROCHESTER HILLS, MI 48307 (248) 524-4700 (248) 524-9746

PROJECT # 21017										
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BRAND DESIGNER: SITE NUMBER:

STORE NUMBER: PA/PM: DRAWN BY.:

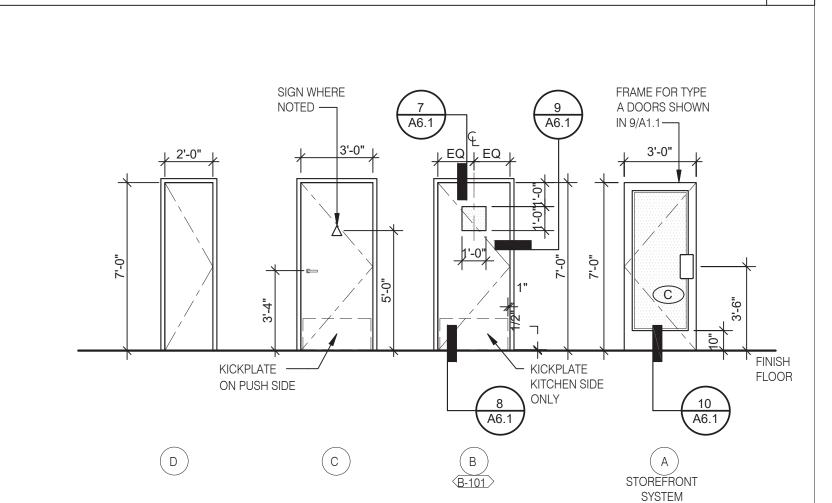
JOB NO.: **GREAT LAKES**

> TACO, LLC Walton Boulevard Pontiac, Michigan 48340



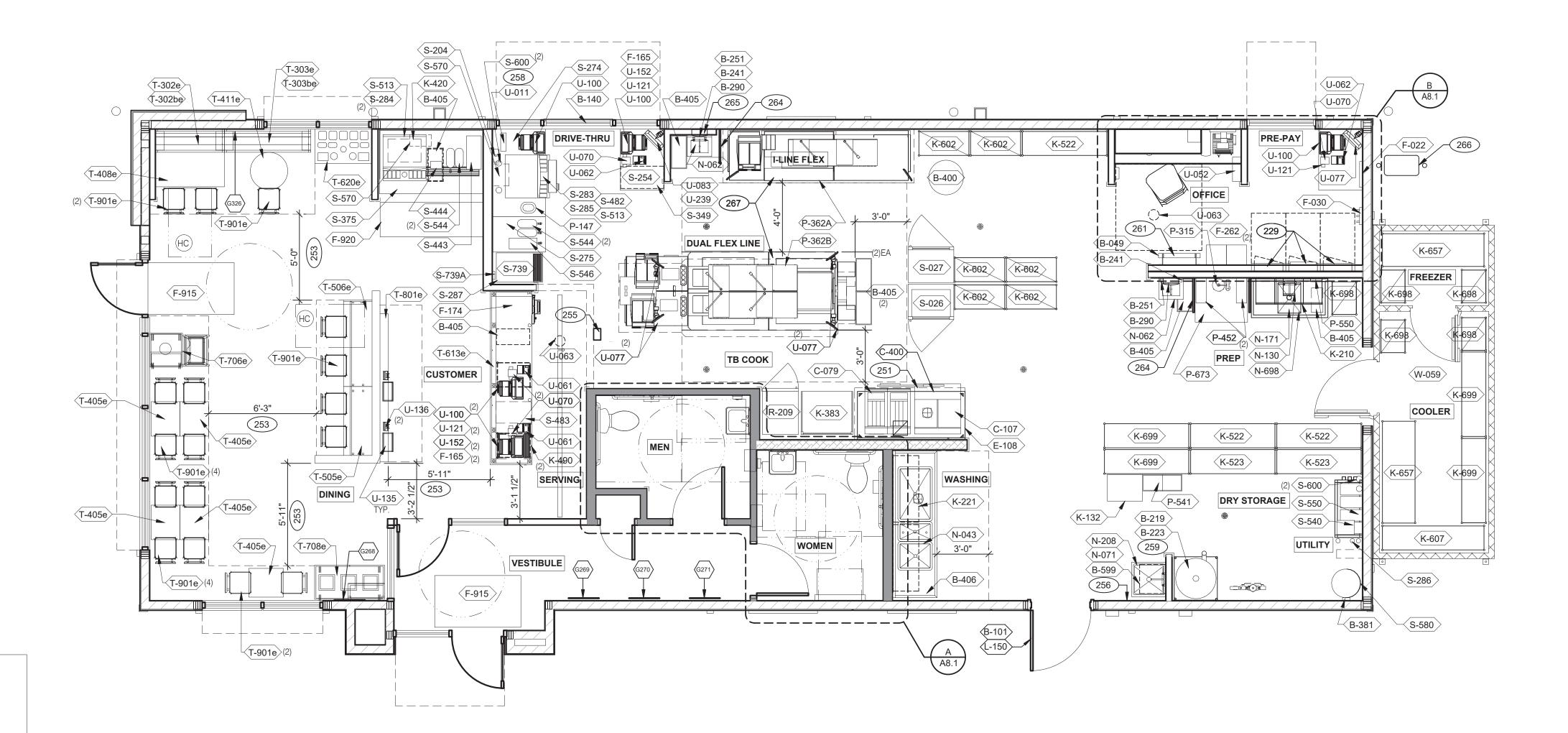
ENDEAVOR 2.0 DOOR &

WINDOW ELEVATIONS & SCHEDULES



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

DOOR TYPES



OPTIONAL: ROLL-A-SHADE INFINITY SYSTEM MATERIAL: SHEERWEAVE 2390 5% CHARCOAL FASCIA SYSTEM: DARK BRONZE

CONTACT - RIC BERG 951.245.5077 EXT. 113 RIC.BERG@ROLLASHADE.COM



													EQUIPMENT AND SE	ATING PLAN $1/4" = 1'-0$	-0"
TAG	QTY ITEM DESCRIPTION	TAG QTY ITEM DESCRIPTION		(x) 0	TY. NAME	FAMILY	FRAME OR	SIZE	LOCATION	DECOR		22	29 ELECTRICAL PANELS.		
-105 -302be	5 RETRO CHAIR - 18 1 BENCH BACK REST - 60"	T-801e 1 KIOSK 1/2 TOWER T-901e 17 CHAIR - LAMINATE SEAT		G326 1	HYPNOTIZE ME BELL	D	MURAL M01	H6'-4" x W17'-6"	CEE 40.0	DECOR 1. REFER TO SC SHEETS FOR SCOPE OF WORK RESP 2. (HC) SYMBOL DENOTES A HANDICAP ACCESSIBLE			53 MAINTAIN 36" MIN. CLEAR AC	YSTEM (ANSUL R-102 OR EQUAL). CESSIBLE AISLE EGRESS PATHS TO E. AND CASED OPENINGS. (42" AISLE REQ	EXIT FQUIRED
302e 303be	1 BENCH SEAT - 48" 1 BENCH BACK REST - 60"	T-903 4 BENCH SEAT - 48" T-904 3 BENCH SEAT - 60"		(G269) 1	CAMO PATTERN	D	F01	28x40		2. (10) STRIBOL BENOTES ATTAINBION ASSESSIBLE	- INDEE.		WHEN AISLE SERVES MORE 55 ALERT LIGHT BOX FOR 3-CO	THAN 50 SEATS).	
303e	1 BENCH SEAT - 60"	1-904 3 DENOR SEAT - 00		(G270) 1	CAMO PATTERN CAMO PATTERN	D D	F02 F01	28x40 28x40				25	58 COORDINATE LOCATION OF COUNTER.	HORIZONTAL PVC SYRUP CHASE THRU	RU WA
405e 408e	5 LAMINATE TABLE - 24 X 20 X 30 - 2 TOP 1 LAMINATE TABLE ADA - 24 X 48 X 30 - 4 TOP					_						26	6" HIGH WATER HEATER PLAROOF LADDER WITH BILCO LSPLASH GUARD.		
411e 415	1 SS TABLE - 24 DIA X 30 - 2 TOP 1 SS TABLE - 24 DIA X 30 - 2 TOP		_							GI	ENERAL NOTES	C1 26	65 AUTOMATIC HAND SOAP ANI ECOLAB.	O SANITIZER DISPENSERS PROVIDED E	BY
116 505e	 2 LAMINATE TABLE ADA - 24 X 48 X 30 - 4 TOP 1 COUNTER TOP - 48" X 20" X 30" 		_							STORAGE TYPE	LINE		66 GAS METER. 67 FOR DUAL-FLEX LINE AND I-F	FLEX LINE SUB-EQUIPMENT SEE SHEET	ΞΤ A8.
506e 613e	1 COUNTER TOP - 60" X 20" X 30" 1 POS COUNTER 121 - 3 POS									DRY STORAGE COLD STORAGE	53 26				
620e	1 CONDIMENT COUNTER - RECTANGLE		_							FROZEN STORAGE	12				
-706e -708e	1 WASTE ENCLOSURE - SINGLE1 WASTE ENCLOSURE - 3 STREAM			1					1						
	FURNITURE	PACKAGE - BY FURNITURE VENDOR U.O.N.	E		Α	RTWO	RK SCHEI	DULE	D	SHELVIN	IG QUANTITIES	C2	XXX	KEY NOTES	





441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307

(248) 524-4700 (248) 524-9746 DDO IECT # 21017

Ι,	PROJECT # 21017										
		DATE	REMARKS								
	CON	TRACT DAT	E:								

BUILDING TYPE: END. MED 40

MARCH 2021 PLAN VERSION: BRAND DESIGNER:

SITE NUMBER: STORE NUMBER:

PA/PM: DRAWN BY.:

JOB NO.:

GREAT LAKES TACO, LLC

> Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 EQUIPMENT AND SEATING PLAN

				EQ	UIPMENT	S	SC	HEDULE
	NSTALL		PLUMBING ELECTRICAL				NSTALL	
TAG #	ပြု ပြု	MFR. & MODEL NUMBER	PLUM	REMARKS	TAG	#	G.C.	ITEM DESCRIPTION
	B CONTRACTOR BUILDING ELEMENTS					S	SER	RVING/DRIVE-THRU
	X ROOF LADDER	PRECISION LADDER #PH-G2-6X3-0				_	+	WARMER, EVO
B-050 1 B-101 1	X ROOF HATCH SECURITY DOOR	PRECISION LADDER #PH-G-2-6X3-0 RSBS FACILITIES CONNECTION		SECURITY DOOR PER QUOTE LOCKNET TAN STEEL. INCLUDES: STEEL FRAME				NARMER, EVO HEAT CABINET - FULL HEIGTH - (1) RH
B-140 1	X DT WINDOW	QUICKSERV#SC4030BR - SELF CLOSING, R/H HANDLE, OPENS RIGHT		FINISH TO MATCH STOREFRONT, DARK BRONZE		_		HEAT CABINET - FULL HEIGHT - (1) RH DESSERT TOWER
	X WATER HEATER DUNNAGE RACK	NEW AGE INDUSTRIAL CORP., INC #98147	V	V.	S-204	4 1	ΧС	DRIVE-THRU TIMER SYSTEM
	X 95% EFFICIENCY 150 MBH, 100 GAL. GAS WATER HEATER X SOAP DISPENSER (WALL MOUNT)	A.O. SMITH CYCLONE MXI BTH-150 KAY 3741	X	X	S-254 S-274	_	+	CONDIMENT RACK DRIVE-THRU 61 IN X36.56 IN BEVERAGE WORKSTATION
	X SANITIZER DISPENSER (WALL MOUNT) N X PAPER TOWEL DISPENSER/TRASH 12 GAL.	KAY 3741 BOBRICK #B-3944			S-275 S-283			DRIVE-THRU 24.5 IN X36.5 IN BEVERAGE WORKSTATION DRINK STAGER WITHOUT STRAW HOLDER
B-265 2	X MIRROR, 18 x 36	BOBRICK #B-165-1836			S-284	4 1	E	BEVERAGE DISPENSER - SELF-SERVE
	X TOILET PAPER DISPENSER X PAPER TOWEL DISPENSER	BOBRICK #B-2890 BOBRICK #B-262			S-285 S-286			BEVERAGE DISPENSER - DRIVE THRU NATER FILTER SYSTEM
	2 X GRAB BAR 1-1/2 DIA. X 42 S.S. FIN. 2 X GRAB BAR 1-1/2 DIA. X 48 S.S. FIN.	BOBRICK #B6806X42 BOBRICK #B6806X48			S-287 S-349			SS-TABLE, D/T, TB, 20.5 IN X34.1 IN PREASSEMBLED DRIVE-THRU PICK-UP WORKSTATION 30X42
B-310 2	X GRAB BAR VERTICAL 1-1/2 DIA. X 18 S.S. FIN.	BOBRICK #B6806X18			S-375	5 1	ΧС	DRINK STATION
	CHANGING STATION X CO2 CARBON DIOXIDE SENSOR/WARNING	LogiCO2 CO2 MK9 SENSOR	X		S-443 S-444	_	+	LID DISPENSER NAPKIN DISPENSER
	X WASTE BASKET - 32 GALLON X WASTE BASKET	RUBBERMAID #2632 (GREY)			S-482 S-483	_		CUP DISPENSER CUP DISPENSER
B-406 1	X WASTE BASKET	RUBBERMAID 28 QT #2956 (BLACK)			S-489	9 2	S	SCALE
	X SANITARY NAPKIN RECEPTACLE X MOP SINK SHELVING	RUBBERMAID #6140 SPG #WST806Y			S-513 S-540		-	CE MAKER (PLACED ON TOP OF DRINK MACHINES) PEPSI BOOSTER TANK
	C COOKING EQUIPMENT				S-544	4 4	10	CE TEA URN
	X DUAL FRYER X RETHERMALIZER	FRYMASTER #2FQG30U PITCO #TB-SRTG14-2	X X	X COMES WITH GAS HOSE KIT (OPTIONAL: PITCO #TB-SSHLV14-2/FD VS7) X	S-546 S-550	0 1	E	CED TEA BREWER BAG-IN-BOX SYRUP RACK
C-197 3	X TOASTER, SPLIT LID X CHEESE MELTER (SINGLE)	PROLUXE SL1266TB	Х		S-570 S-580		-	CARBONATOR CO2 BULK TANK
	X RETHERMALIZER TIMER	FAST #TBZAP12120V	л X		S-600) 4	E	BUNDLED SYRUP LINES
E	E EXHAUST HOODS/FIRE SUPPORT					9A 1	ΧF	ROZEN BEVERAGE DISPENSER, REMOTE REEZE TRANSFORMER
E-108 1	X STROTEVENT 106 IN. H X 111 IN. L BACK SPLASH	STROTEVENT MODEL	X		S-740	0 1	XF	ROZEN BEVERAGE CONDENSER, REMOTE
E-272 1	X TIMER OUTLET	#BACKSPLASH106X111FLA	X					
F	F OFFICE/EMPLOYEE/MUSIC/MISCELLANEOUS					U	JSEC	CURITY/COMMUNICATIONS/FIRE PROTECTION/POS
	X FILE CABINET (2 DRAWER HIGH) 18X36X27H	HON #582LL			U-011	1 1		BASE STATION - D/T COMM. SYSTEM
	X CHAIR - OFFICE X LICENSE FRAME (BLACK)	HON #4609AB10 CREATIVE PALETTE TB30	X	IN OFFICE AREA, SEE SHEET A8.2 IN OFFICE AREA	U-052 U-061	_		SECURITY SYSTEM CREDIT CARD READER
F-026 1	X DESK LAMP	TBD ISS #HOOK246R2Y		IN OFFICE AREA, SEE SHEET A8.2 IN OFFICE AREA	U-062	2 1		DRIVE-THRU CREDIT CARD READER
F-030 1 F-040 1	X COAT HOOK OFFICE COMPUTER	POS PROVIDED	X		U-063 U-070		-	ALARM SENSOR RECIEPT PRINTER
F-050 1 F-060 1	CREDIT CARD SATELLITE ROUTER JUNCTION MONITOR - OFFICE	YUM			U-076	_		ATOM SERVER TABLET 10.1"
F-080 1	OFFICE PRINTER/COPIER/FAX/SCANNER UPS (UN-INTERUPTABLE POWER SUPPLY)	POS PROVIDED POS PROVIDED	X		U-083			22 IN MONITOR
F-090 5 F-102 1	X MONEY COUNTER	TELLERMATE #TIXR3000	Х	IN OFFICE AREA	U-100	0 4		POS/ORDER ENTRY TERMINAL
F-131 1 F-165 3	SPEAKERS X FRONT LOAD SAFE	MOOD MEDIA LOCAL LEASE PERMA VAULT #PRO-10TM	X		U-121 U-135			CASH DRAWER BRACKETS KIOSK TABLET
F-174 1 F-211 1	SAFE WITH TOUCHSCREEN X CLOCK	B&B SYSTEMS #02100100	X	IN OFFICE AREA, SEE SHEET A8.2	U-136 U-152	_		VERIFONE (CREDIT CARD MACHINE CASH DRAWER
F-262 2	X 6 COUNT EMPLOYEE LOCKERS E76000235	LYON WORKPLACE 12" X 18" X 78" GREY		IN OFFICE AREA	U-239			MONITOR CEILING MOUNTED BRACKET
F-270 1 F-500 1	X FIRST AID KIT STACKABLE HIGH CHAIR	PROSTAT FIRST AID LCC #2617	X	IN OFFICE AREA				
F-504 1	DVR & MONITOR PLOOR MAT	CREWSAFE, ENTRANCE I #41150012		RUBBERIZED - 3'-5', RIBBED, CHARCOAL, WSM #800503		W	V WA	LK-IN COOLERS/FREEZERS
	RUBBER MAT	CREWSAFE, WSM#800507		RUBBERIZED - BLACK 2X8, 1/4 NON SLIP CORRUGATED TOP & RUBBER NO-SLIP BACK ENTRANCE	W-05	9 1	XV	VALK-IN
k	(WORKSTATIONS/SHELVING/CARTS					R	REF	RIGERATION
K-132 1	CART, CLOSING MADE SIMPLE	SPG / ISS (Alternate: METRO)		#WST1434Y	R-209	9 1	F	RY STATION REACH-IN FREEZER (RIGHT HINGED)
K-210 1 K-221 1	PREP SINK WORKSTATION 50 TRACK X 3 COMP SINK WORKSTATION 96 TRACK	SPG / ISS (Alternate: METRO) SPG / ISS (Alternate: METRO)		#WST255E, Wall Trax System for 1-Comp Sink, 16X50X40 + ACC #DS1F, Wall Trax System for 3 Comp Sink, (3) 18X24 GRIDS + ACC				
K-383 1	FRY WORKSTATION 30D x 78H x 36 in.	SPG / ISS (Alternate: METRO)		#WST1724E, 36 in. Crispy Frystation				
K-420 1 K-490 2	SHELF, BEV PLATFORM 18X24 SHELVING 18x24x24, 2-TIER	SPG / ISS (Alternate: METRO) SPG / ISS (Alternate: METRO)		#WST34Y: F/CARBONATOR, &/OR RECIRC PUMP #WST440Y				
K-522 3 K-523 2	SHELVING, 18x60x76, 5-TIER, SMALL PACKAGING SHELVING, 18x60x76, 3-TIER, CUP & LID	SPG / ISS (Alternate: METRO) SPG / ISS (Alternate: METRO)		#WST1548Y #WST1580Y				
K-602 6	SHELVING, 18x36x86, 5-TIER, DRY STORAGE	SPG / ISS (Alternate: METRO)		#WST238Y				
K-607 1 K-657 2	SHELVING X SHELVING 24x72x86, 5-TIER	SPG / ISS (Alternate: METRO) SPG / ISS (Alternate: METRO)		#SU247285Y: WALK-IN COOLER 24X72X86				
K-698 5 K-699 4	SHELVING 18X24X74, 5-TIER SHELVING 18x60x74, 5-TIER	SPG / ISS (Alternate: METRO) SPG / ISS (Alternate: METRO)		#SU186075Y #SU186075Y				
K-708 1	SHELVING 9x30x24, 1-TIER	SPG / ISS (Alternate: METRO)		#WST1702Y				
	LIGHTING/SIGNAGE/MENUBOARDS							
L-043 4 L-150 1	DIGITAL MENU BOARD SECURITY DOOR DANGER SIGN	STRATACACHE, LG 43" DISPLAY ADVERCO#ADVCUSTOM	X	WITH CEILING MOUNTED BRACKETS ORDERED DIRECT FROM YRFS				
	N SINKS/DISHWASHER							
	X 3-COMP POWER SOAK 102		ХХ	GEN IV POWERSOAK INCLUDES T&S FAUCET #B-2475-PS-OH (FRANCHISE OPTION: GEN III)				
	X STAINLESS STEEL WALL MOUNTED SINK WITH FAUCET X MOP SINK FAUCET	AERO #HS-MOD T&S B-2465	X					
	X 1 COMP PREP SINK FAUCET X WALL MOUNTED LAVATORY	T&S B-0831-WA AMERICAN STANDARDS BRAND	X	FRANCHISE OPTION N-134: T&S B-2465 WHITE VITREOUS CHINA WALL MOUNTED LAVATORY WITH ACCESSORIES. N-141 IS METERED FAUCET, FAUCET, LAVATORY, CENTER	DOET MIVING			
			^	#B-0890-WS	SSET MIXING,			
N-146 2 N-171 1	X FAUCET (RESTROOMS) LEVER WASTE DRAIN	T&S FAUCET B-0831-WA	X	2" TWIST TYPE FOR N-698				
N-208 1	X MOP SINK X 1 COMP PREP SINK 53W X 27D X 35 1/2H	AERO #3MP-2121-6/1P AERO #2F1211617LR	X	INCLUDES (2) 24X36 WALL PANELS				
000 1		p. 200 # 21 12 110 11 EH						
	P FOOD PREPARATION							
	BUNN COFFEE BREWER X REVERSE OSMOSIS SYSTEM		X X	INSTALL OVER FLOOR SINK				
P-362A 1	X FLEX I LINE, L-R X FLEX DUAL LINE	FRANKE	X X					
P-417 1	X 8-CHANNEL TIMER	FAST #KTRACK2X4TB	X					
	X HOT WATER SYSTEM STORAGE BINS	BUNN-MACHINE #43600.0014 B4B SYSTEMS #03070100	XX	Each System= Water Heater #43600.0014, Bracket #13125.0003, Shelf#12599.0000, Scale Inhibitor #39000.0001				
P-550 1	X KNIFE RACK WORK TABLE	EDLUND #KR-699	+					
. 010 1								

MFR. & MODEL NUMBER

| X | MOUNT ON PRODUCTION LINE OVER SHELF X MOUNT ON PRODUCTION LINE OVER SHELF

FRANCHISEES CAN USE SELECTO #TB5/620-5

|X| | S/S, INSULATED DRAIN TROUGH, WEIGHT RATED

| X | X | SHELF MOUNTED BELOW EACH DRINK (BY PEPSI)

X 2 FOR F/C AND 1 D/T 5.71 IN X 7.68 IN X 5.83 IN

| X | OPTION: LEFT HINGED VERSION - DELFIELD #GBF1P-SH-IK-TB2

X 12V DC 60W SYSE3029ARS011-CSP

1920 X 1080 RESOLUTION

X 2 FOR F/C AND 1 D/T

2 FOR F/C AND D/T

2 PER CASH DRAWER

W/ ANGLED MOUNTING BRICKET OMNITEAM CDB-DTA

10#X.10Z, ELECTRONIC, EDLUND #DS-10 CSTM; WSM #113464

X X MUST ORDER REMOTE CONDENSER S-739A FREEZE TRANSFORMER

| X | X | 40 IN X 17 IN X 21 IN 208 SINGLE PHASE 2 WIRE 15 AMP, 105LB

| X | X | W/ROOF MOUNTED CONDENSERS HOSHIZAKI FRANCHISEES CAN USE HOSHISAKI KMS-1230

X X COMBO, TB, #105181, BUDGETARY 19-4X7X9-2 OAD, MEDIUM BUILDING PROTOTYPE, INCLUDES LED

X W/8 SHELVES EACH

OPTIONAL: METRO

| X | X | SEE SCOPE OF WORK (PEPSI)

| X | X | SEE SCOPE OF WORK (PEPSI)

| X | X | SEE SCOPE OF WORK (PEPSI)

| X | | FLO-3REG-2CRB (BY PEPSI)

| X | | SEE SCOPE OF WORK (PEPSI)

XX FRUTISTA TABLE

OPTIONAL:METRO

X W/ 8 RACKS

CARTER HOFFMAN

CARTER HOFFMAN

HATCO #GRBW-24D

PRONTO #CHPWO446

CORNELIUS 611057625

SHURFLO #WB6-M3-22-003

TOR XPRESSNAP #5555100

MANITOWOC, KMS-1401MLJ

CORNELIUS/REMCOR BNP12B8P

CORNELIUS/REMCOR TUBE BUNDLE

A.J. ATUNES #DACS60

A.J. ATUNES #DACS50

BUNN/TDO-N-3.5

MVE #11805373

CORNELIUS/REMCOR

FBD #12-7362-00021

FBD #12-3003-0006

HME #C40000-5-HS3-TB

EN POINTE TECHNOLOGIES

VIEW SONIC VA2259-SMH

EN POINTE TECHNOLOGIES - TABLET

ADT #3BCZTB

VERIFONE P400

#SU186075Y

IBM, NCR & PAR

IBM, NCR & PAR

ICS/NORLAKE #105181

DELFIELD #GBF1P-SH-TB2

TETLEY TB3Q

EDLUND

HME #C11422TB

SPG WST1242YA

FBD #1273610021

CARTER-HOFFMAN

CAL-MIL ADA TB103

SPG WST1343Y

WST788E

SERVEND

CRESCOR #H137S27D1TB

CRESCOR #H137S27D1TB

REMARKS





441 S. LIVERNOIS ROAD SUITE 265

ROCHESTER HILLS, MI 48307 PHONE (248) 524-4700 (248) 524-9746

PROJECT # 21017

END. MED 40

MARCH 2021

315286

DATE	REMARKS

BUILDING TYPE: PLAN VERSION:

BRAND DESIGNER:

CONTRACT DATE:

SITE NUMBER: STORE NUMBER:

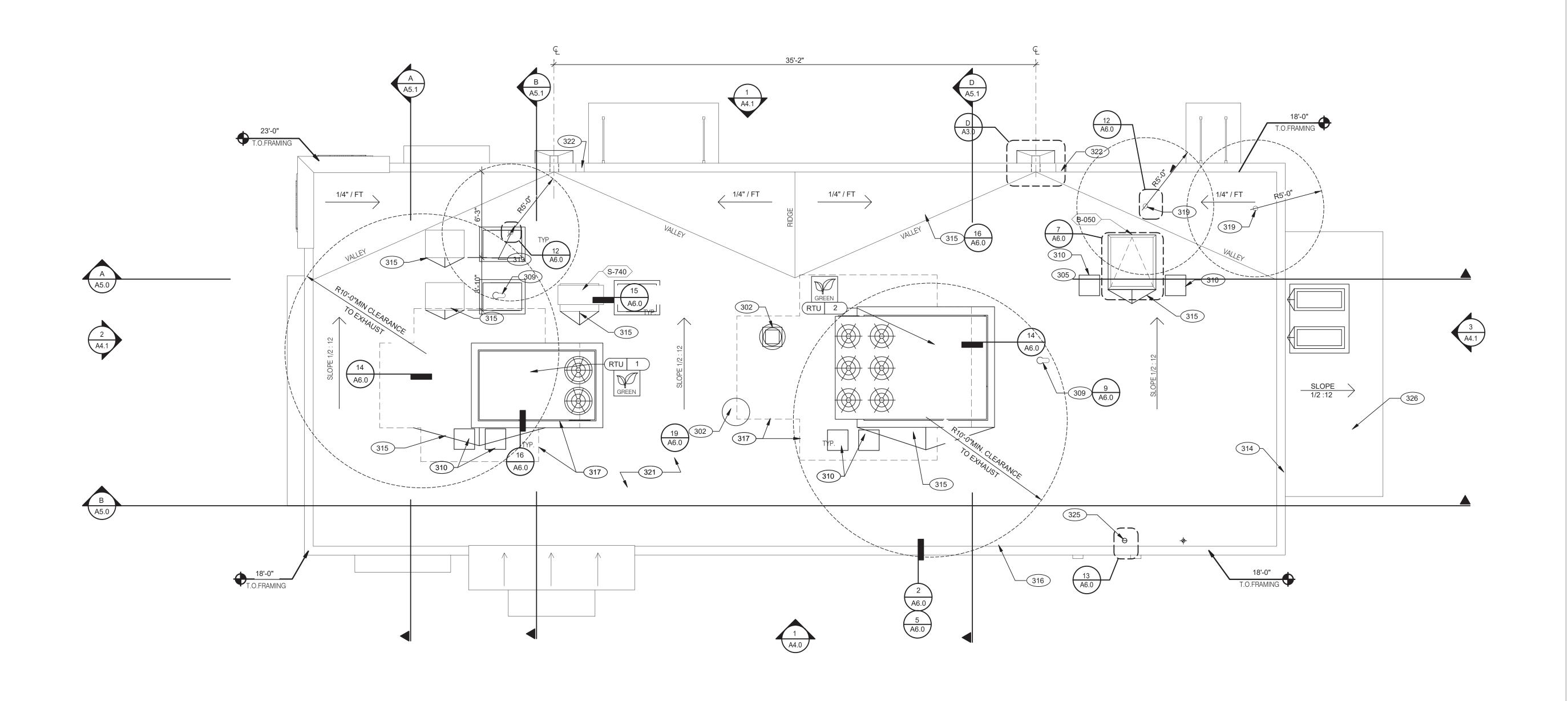
PA/PM:

DRAWN BY.: JOB NO.:

> **GREAT LAKES** TACO, LLC Walton Boulevard Pontiac, Michigan 48340

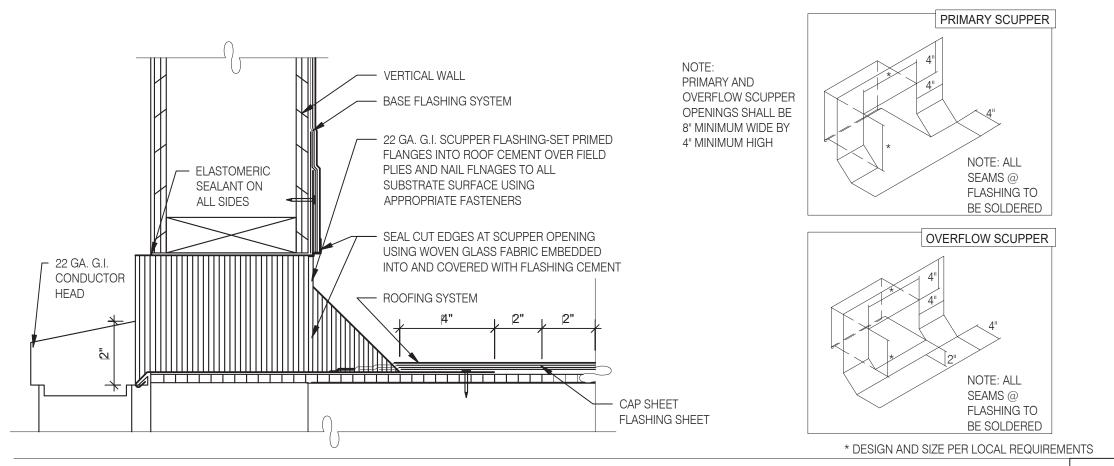


ENDEAVOR 2.0 EQUIPMENT SCHEDULE





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



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.

D. SEE SPECIFICATIONS FOR SEALANT SPECS. E. ALL SHEETS MTL FLASHONG SHALL BE 22 GA MIN.

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

B. EXHAUST FANS MIN. 10'-0" AWAY FROM ALL AIR INTAKE / SUPPLY. C. LOCATE WALK-IN CONDENSERS ON ROOF ONLY IF REQUIRED BY CODE.

KITCHEN HOOD EXHAUST FAN. SEE SHEETS M3.0 AND DETAIL.

305 ROOF HATCH. PIPE HOOD FOR UTILITIES.

310 24x36 WALK MATS. SEE ROOF SPECS.

314 CHANGE IN PARAPET ELEVATION. SEE SECTION B/A5.0

315 ROOF CRICKET.

316 METAL PARAPET CAP.

MAINTAIN MANUFACTURERS ROOFTOP UNIT MAINTENANCE CLEARANCE.

WASTE VENT THROUGH ROOF. THE TOP OF WASTE VENTS SHALL BE 12" HIGHER THAN THE CLOSEST PARAPET CAP U.N.O. OR NOT ALLOWED BY LOCAL JURISDICTION.

'DURO-LAST' SINGLE PLY ROOF MEMBRANE OVER MINIMUM R-40 RIGID INSULATION BOARD OVER 5/8" APA RATED EXTERIOR GRADE PLYWOOD OVER TRUSSES. INSTALL PER MANUFACTURER'S SPECIFICATIONS.

322 8" WIDE BY 4" HIGH MINIMUM OVERFLOW SCUPPER.

325 WATER HEATER VENT.



441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307 (248) 524-4700 (248) 524-9746

PROJEC	CT # 21017
DATE	REMARKS

CONTRACT DATE: BUILDING TYPE: END. MED 40 PLAN VERSION: MARCH 2021

BRAND DESIGNER: SITE NUMBER:

STORE NUMBER: PA/PM:

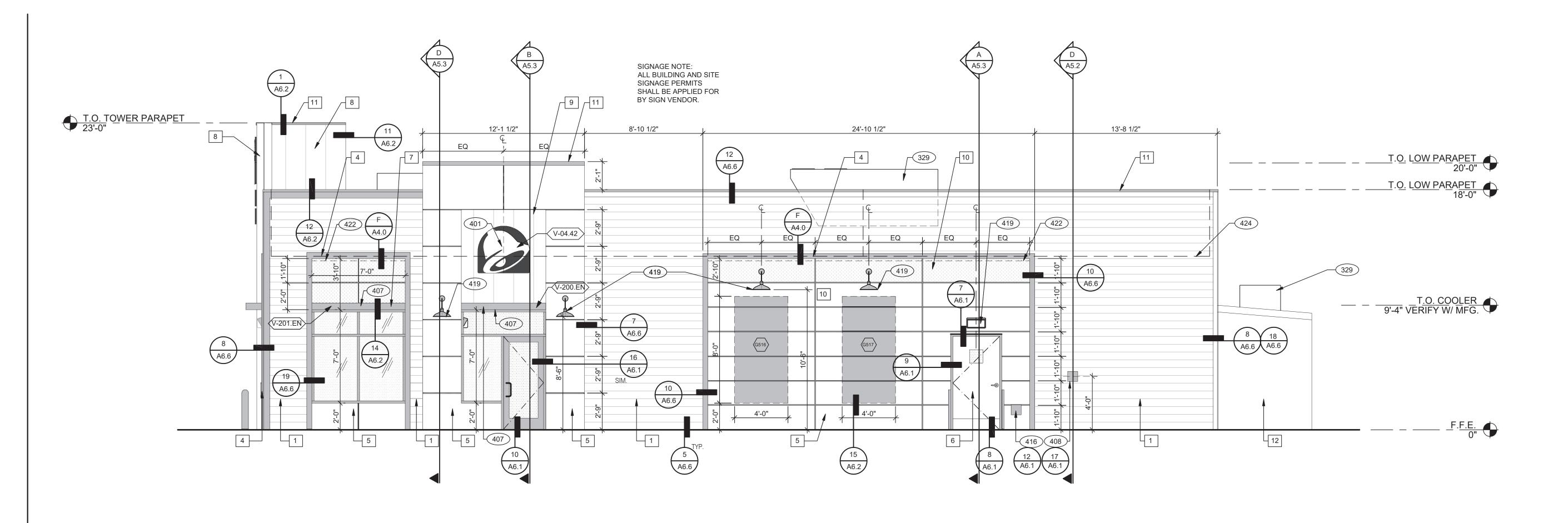
DRAWN BY.: JOB NO.:

> **GREAT LAKES** TACO, LLC Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 **ROOF PLAN**

C **SCUPPER FLASHING KEY NOTES** D **ROOF PLAN NOTES**



MISCELLANEOUS

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

C. APPLY NEOPRENE GASKET (CONT.) BETWEEN BUILDING AND CANOPY.

CRITICAL DIMENSIONS

A. REQUIRED CLEAR OPENING WIDTH TO ENSURE COORDINATION WITH STANDARD

B. SEALANT AT ALL WINDOW AND DOOR FRAMES AND JAMB. DO NOT SEAL SILL @ WINDOWS.

NOTE: NO EXTERIOR SIGNS ARE WITHIN THE SCOPE OF WORK COVERED BY THE BUILDING PERMIT

GENERAL NOTES

APPLICATION. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE

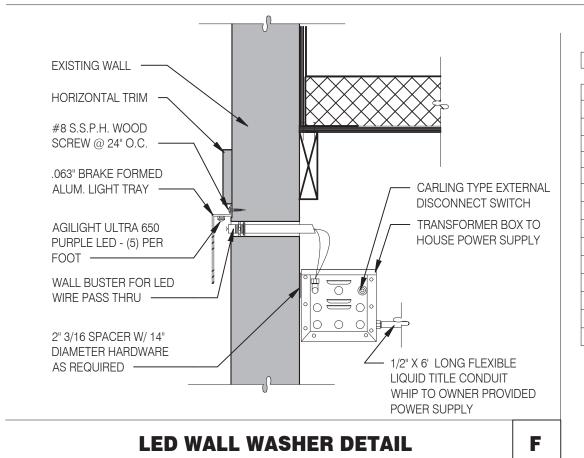
INSTALLATION OF ALL EXTERIOR SIGNS AND INSTALLATION OF REQUIRED BLOCKING AND

A. SEALANT AT ALL WALL AND ROOF PENETRATIONS.

ELECTRICAL CONNECTIONS FOR FINAL APPROVED SIGNS.

SIGNAGE/BUILDING ELEMENTS DIMENSIONS.

SEALERS (REFER TO SPECS)



TYPE MARK	QTY	ITEM DESCRIPTION	LO
TOWER			
V-09.14W	2	14" WHITE CHANNEL LETTERS VERTICAL	A4.1
SIDE ENTRY			
V-04.42	2	42" SWINGING BELL PURPLE LOGO FACE LIT	A4.1
V-200.EN	1	SIDE ENTRY AWNING 6' 4" X 6' 3" BLACK	A4.0
DRIVE THRU			
V-101.DT	1	DT AWNING (OVER DT) 9' 0" X 4' 0" BLACK	A4.1
V-102.DT	1	DT AWNING (OVER PRE-PAY) 4' 0" X 4' 0" BLACK	A4.1
EYEBROW AWNINGS			
V-202.EN	1	FRONT EYEBROW (WINDOW) 16' 7" X 6" H X 1' 4" D BLACK	A4.1
V-203.EN	1	DT EYEBROW (WINDOW) 7' 8" L X 6" H X 1' 4" D BLACK	A4.1
V-201.EN	1	SIDE ENTRY EYEBROW (WINDOW) 12' L 6" H X 1' 4" D BLACK	A4.0

TYPE MARK	QTY	ITEM DESCRIPTION	LOC
TOWER			
V-09.14W	2	14" WHITE CHANNEL LETTERS VERTICAL	A4.1
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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

E

	$\langle x \rangle$	NAME	FAMILY	FRAME OR MURAL	SIZE	LOCATION
	(G516)	HYPNOTIZE ME BELL	D	M02	48x96	A4.0
	G517	HYPNOTIZE ME BELL	D	M02	48x96	A4.0
	(G516)	HYPNOTIZE ME BELL	D	M02	48x96	A4.1
	G517	HYPNOTIZE ME BELL	D	M02	48x96	A4.1
Ī						

NAME	FAMILY	FRAME OR MURAL	SIZE	LOCATION	<u>PAINTING</u>
HYPNOTIZE ME BELL	D	M02	48x96	A4.0	APPLICATOR MU PRIMER: 1 COAT
HYPNOTIZE ME BELL	D	M02	48x96	A4.0	FINISH: 2 COATS A-100 EXTERIOR
HYPNOTIZE ME BELL	D	M02	48x96	A4.1	
HYPNOTIZE ME BELL	D	M02	48x96	A4.1	

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

MUST DO THEIR DUE DILIGENCE WITH PREPARATION. ATS SW A82-100 SERIES, MATCH COLORS FROM MATERIAL SCHEDULE. IOR LATEX SATIN.

PAINT NOTES

KEY NOTES

329 MECHANICAL UNIT, SEE ROOF PLAN.

401 BUILDING SIGN BY VENDOR. REQUIRES ELECTRICAL, SEE ELECTRICAL

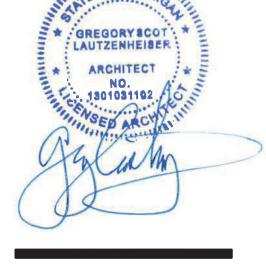
407 METAL CANOPIES BY VENDOR. REQUIRES ELECTRICAL, SEE ELECTRICAL

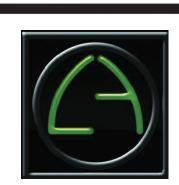
416 HOSE BIB BOX AT 18" A.F.F.

419 EXTERIOR LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.

422 PURPLE LIGHT WALL WASHER, PROVIDED BY SIGNAGE VENDOR.

424 LINE OF ROOF BEYOND.





441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307

(248) 524-4700 (248) 524-9746

PROJEC	CT # 21017
DATE	REMARKS

CONTRACT DATE: BUILDING TYPE: END. MED 40 MARCH 2021

PLAN VERSION: BRAND DESIGNER: SITE NUMBER: 315286

STORE NUMBER: PA/PM:

DRAWN BY.: JOB NO.:

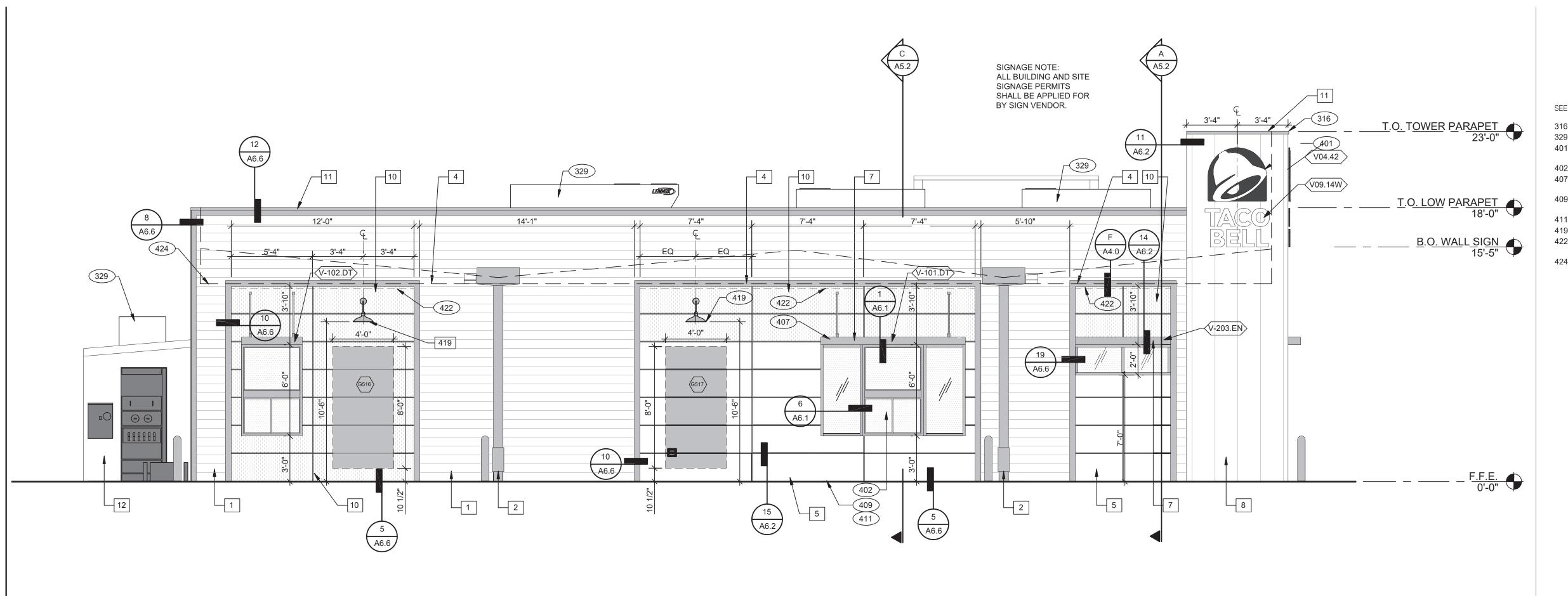
> **GREAT LAKES** TACO, LLC Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 EXTERIOR ELEVATIONS

408 CO2 FILLER VALVE & COVER.

C



SEE SHEET A4.0 FOR FINISH SCHEDULE

316 METAL PARAPET CAP.

SEE ELECTRICAL PLANS.

329 MECHANICAL UNIT, SEE ROOF PLAN. 401 BUILDING SIGN BY VENDOR. REQUIRES ELECTRICAL,

402 DRIVE THRU WINDOW. SEE SHEET A1.0 AND A1.1. METAL CANOPIES BY VENDOR. REQUIRES ELECTRICAL,

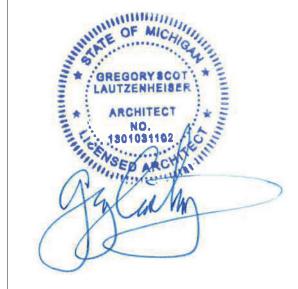
SEE ELECTRICAL PLANS. ASSUME D/T LANE SURFACE IS 6" BELOW THE FINISH

FLOOR. REFER TO GRADING & SITE PLAN.

411 CONCRETE CURB. 419 EXTERIOR LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.

422 PURPLE LIGHT WALL WASHER, PROVIDED BY SIGNAGE

424 LINE OF ROOF BEYOND.





INC. A.I.A 441 S. LIVERNOIS ROAD

SUITE 265 ROCHESTER HILLS, MI 48307 PHONE

(248) 524-4700 (248) 524-9746

PROJEC	CT # 21017
DATE	REMARKS
CONTRACT DAT	

BUILDING TYPE: END. MED 40 PLAN VERSION:

BRAND DESIGNER: SITE NUMBER:

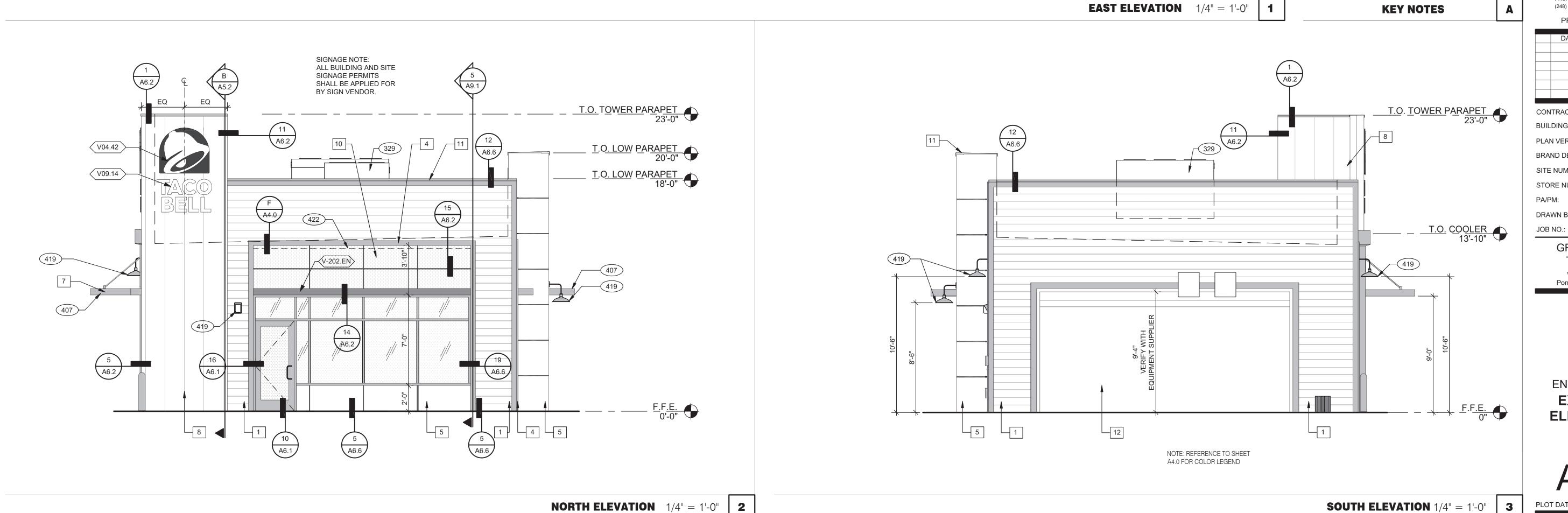
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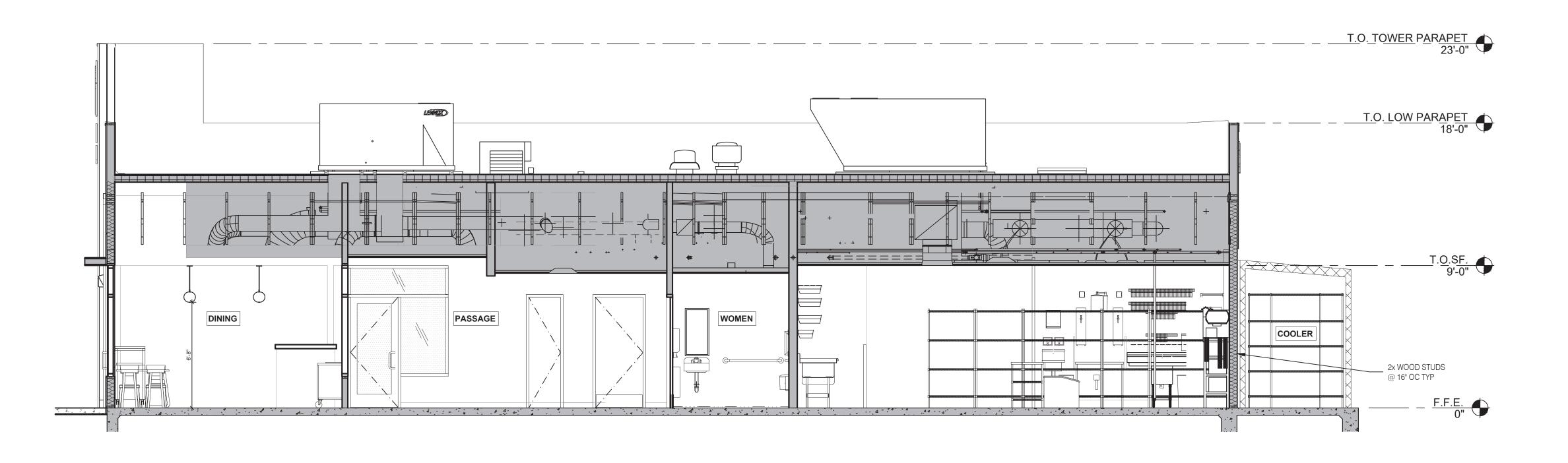
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Pontiac, Michigan 48340

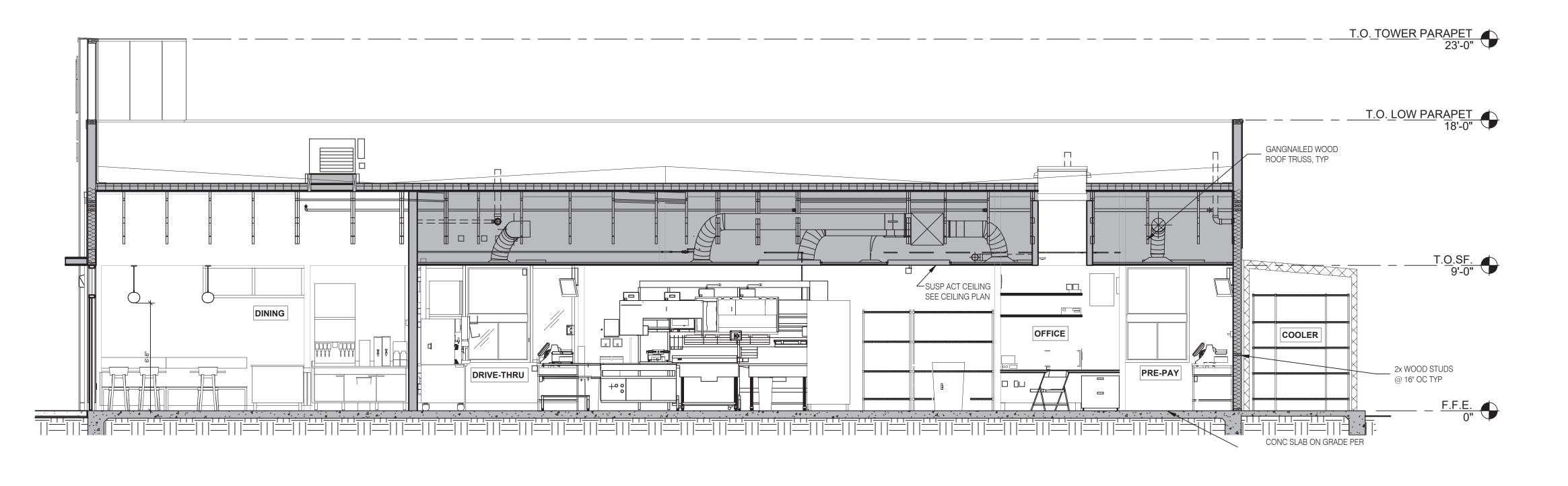


ENDEAVOR 2.0 **EXTERIOR ELEVATIONS**





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







441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307 (248) 524-4700 (248) 524-9746

PRO IECT # 21017

DATE	REMARKS

CONTRACT DATE: BUILDING TYPE: END. MED 40 PLAN VERSION:

BRAND DESIGNER: SITE NUMBER:

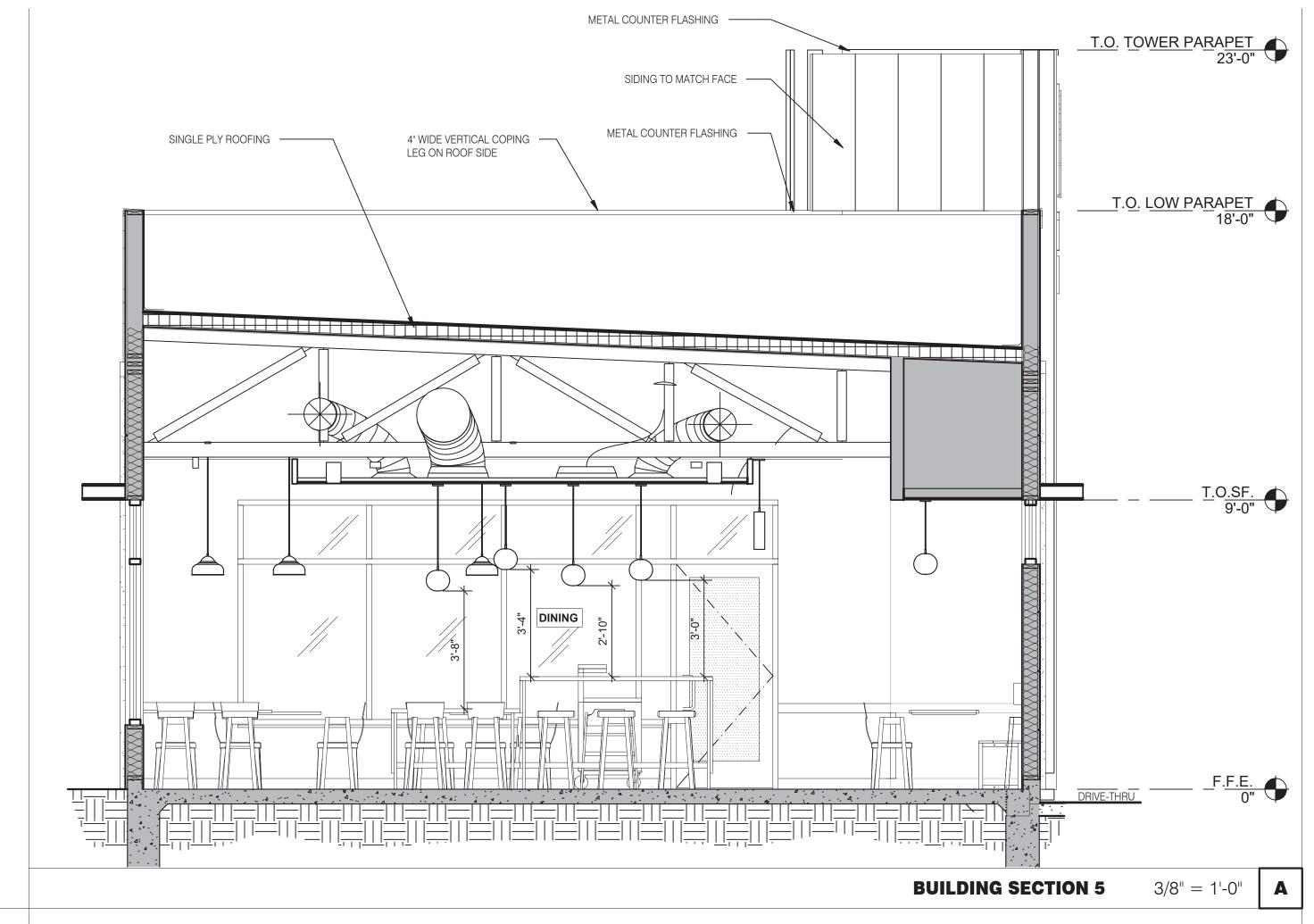
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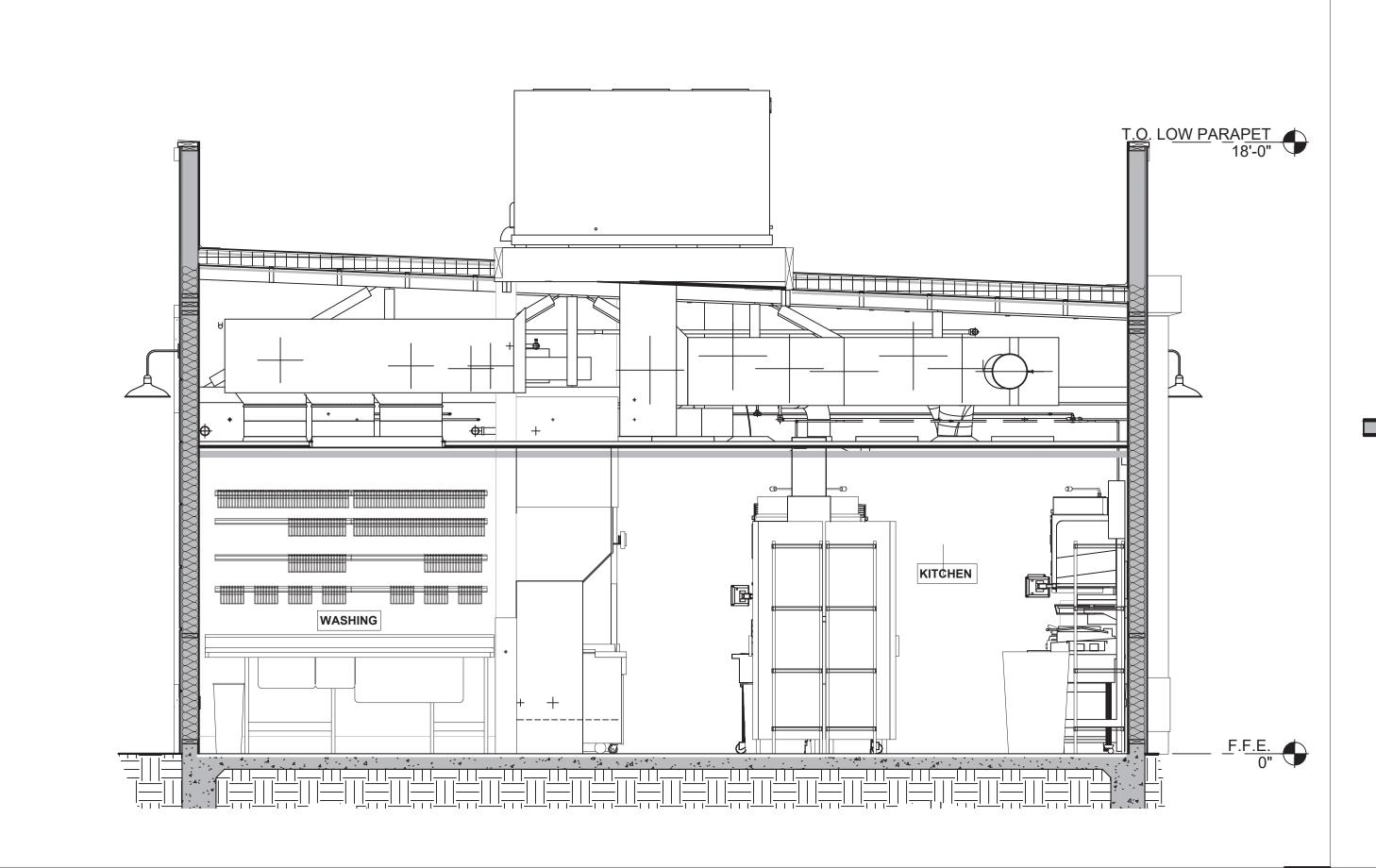
DRAWN BY.: JOB NO.: **GREAT LAKES** TACO, LLC

Walton Boulevard Pontiac, Michigan 48340

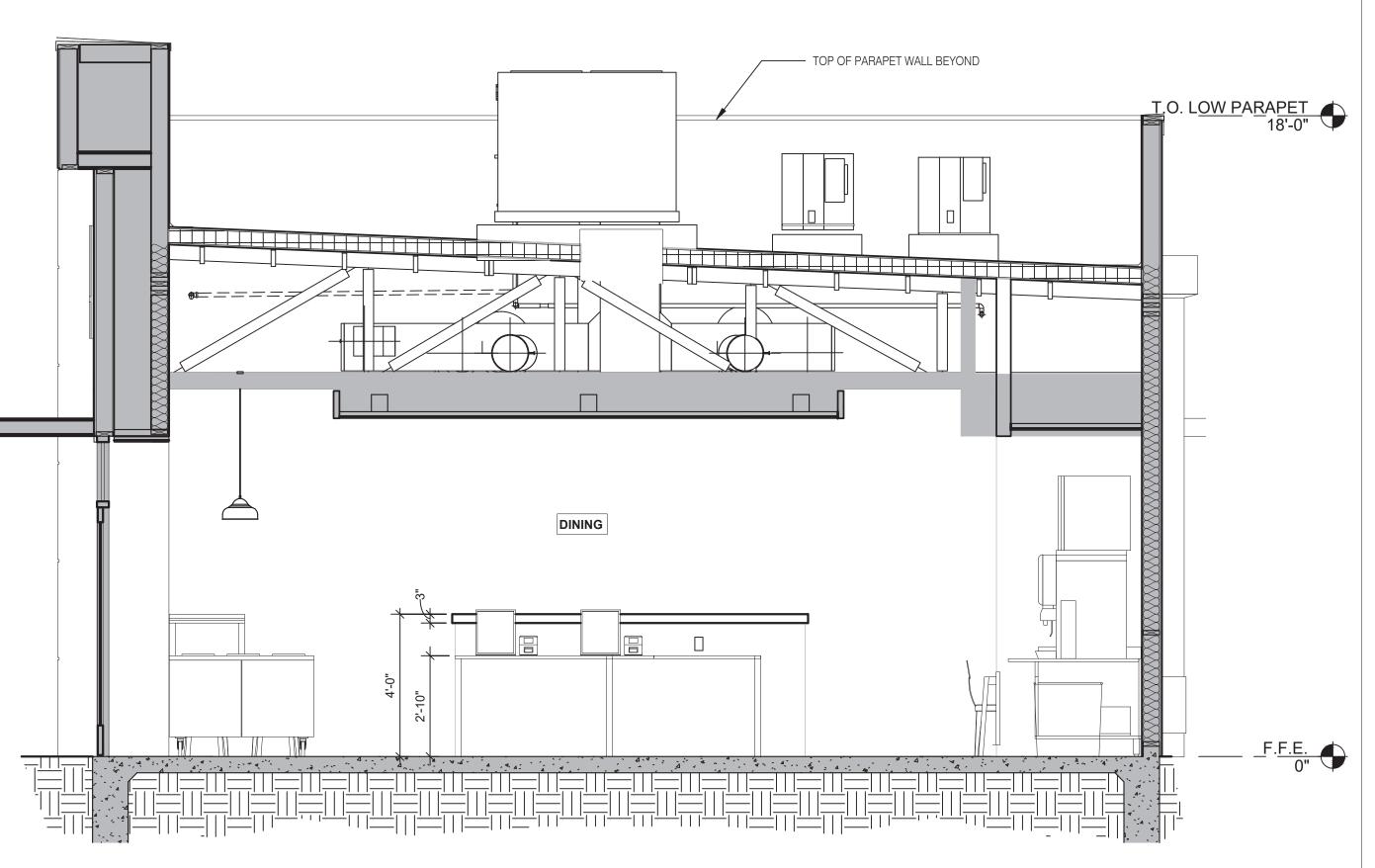


ENDEAVOR 2.0 BUILDING SECTIONS





BUILDING SECTION 4



BUILDING SECTION 3





441 S. LIVERNOIS ROAD

SUITE 265 ROCHESTER HILLS, MI 48307

(248) 524-4700 (248) 524-9746

PROJEC	CT # 21017	
DATE	REMARKS	

CONTRACT DATE: BUILDING TYPE: END. MED 40 PLAN VERSION: MARCH 2021

BRAND DESIGNER: SITE NUMBER: STORE NUMBER:

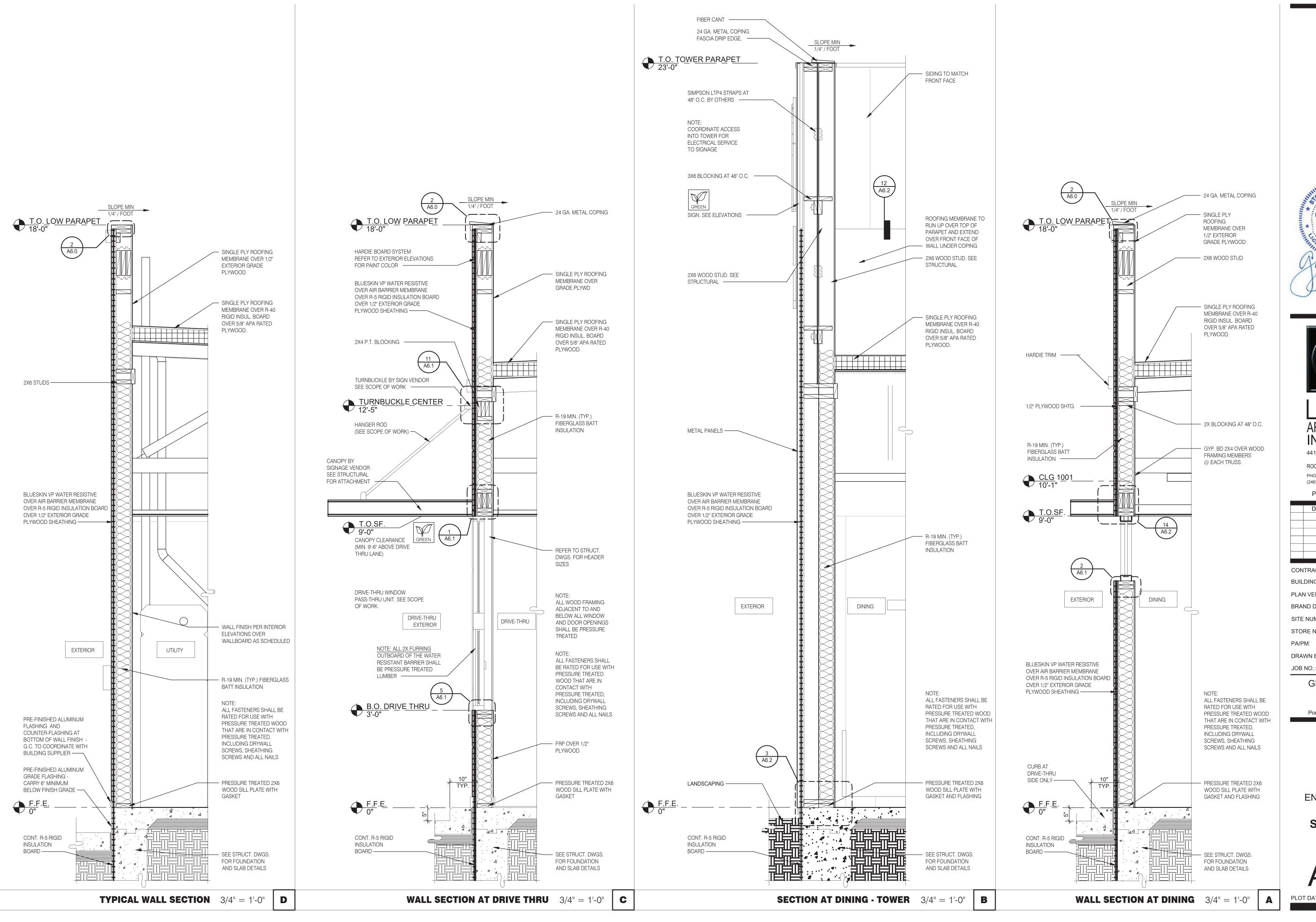
> PA/PM: DRAWN BY.: JOB NO.:

> > **GREAT LAKES** TACO, LLC Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 BUILDING SECTIONS

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







ARCHITECTS INC. A.I.A 441 S. LIVERNOIS ROAD SUITE 265

ROCHESTER HILLS, MI 48307

(248) 524-4700 (248) 524-9746

PROJECT # 21017 DATE REMARKS

CONTRACT DATE: BUILDING TYPE: END. MED 40 PLAN VERSION: MARCH 2021 BRAND DESIGNER:

SITE NUMBER: STORE NUMBER:

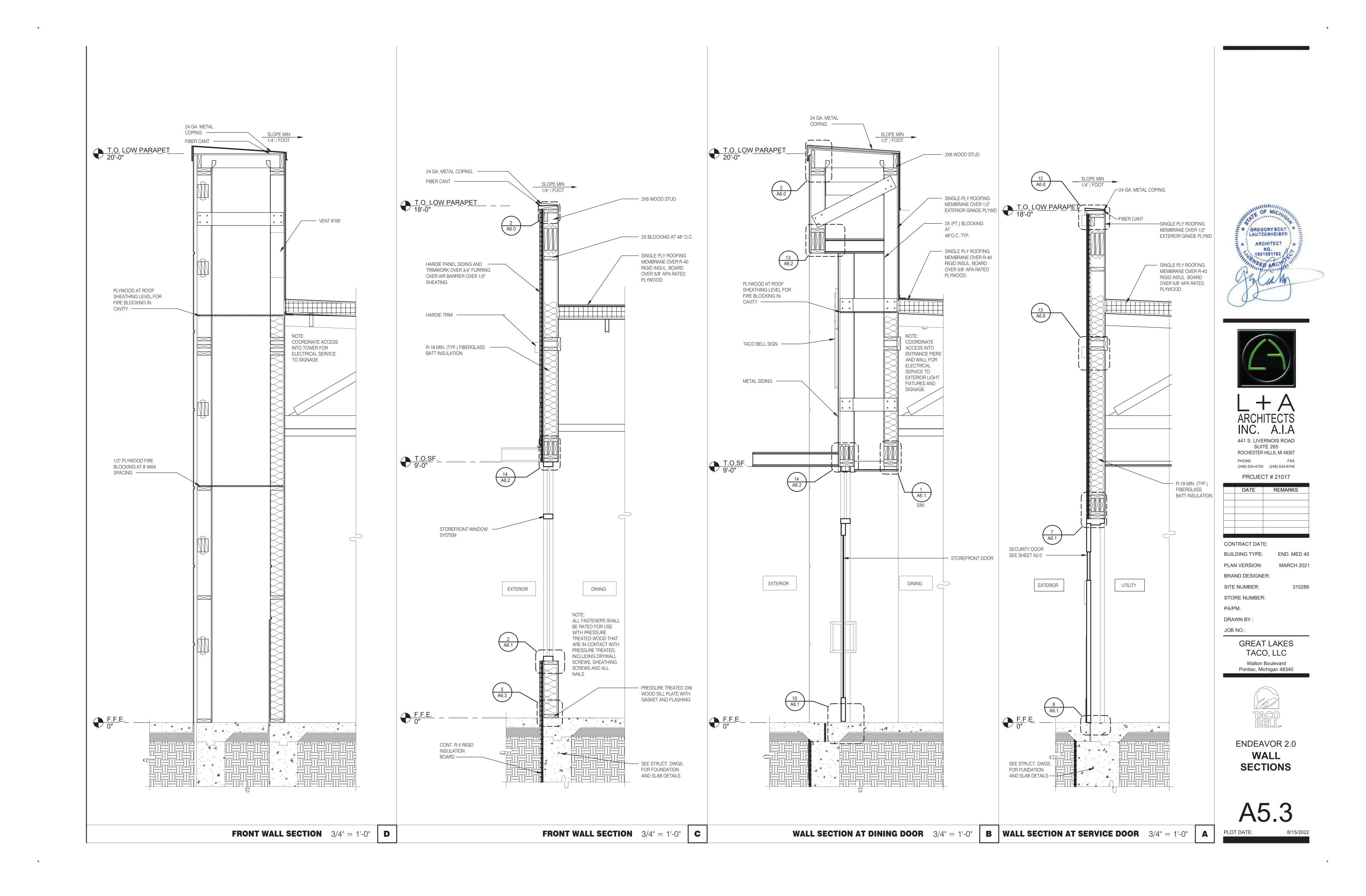
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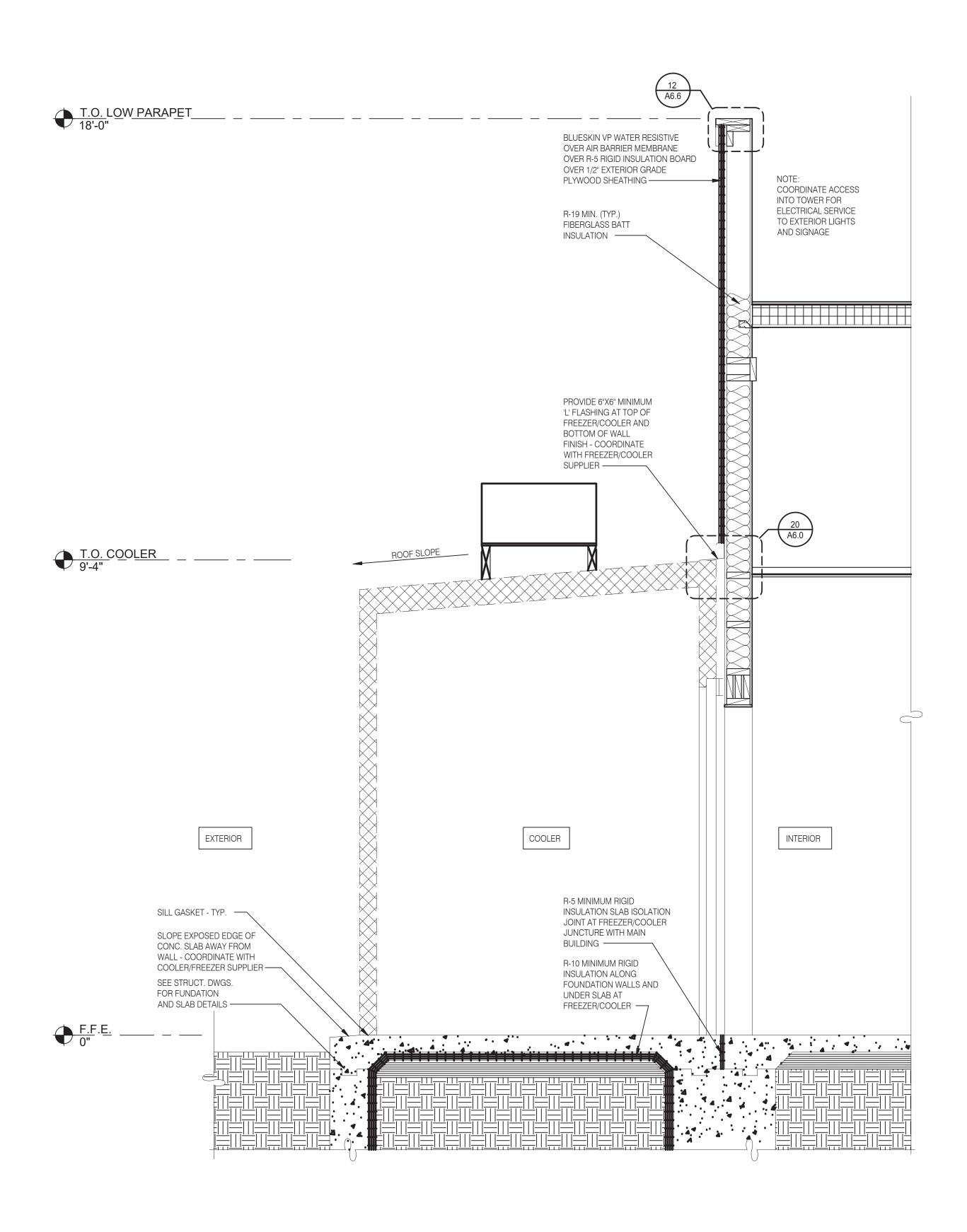
> **GREAT LAKES** TACO, LLC Walton Boulevard Pontiac, Michigan 48340



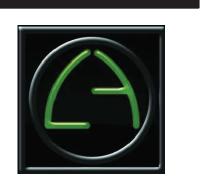
ENDEAVOR 2.0 WALL **SECTIONS**

A5.2









ARCHITECTS INC. A.I.A

441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307 PHONE

(248) 524-4700 (248) 524-9746

PROJECT # 21017

ARKS	DATE

315286

CONTRACT DATE:

BUILDING TYPE: END. MED 40 PLAN VERSION: MARCH 2021

BRAND DESIGNER: SITE NUMBER:

> STORE NUMBER: PA/PM:

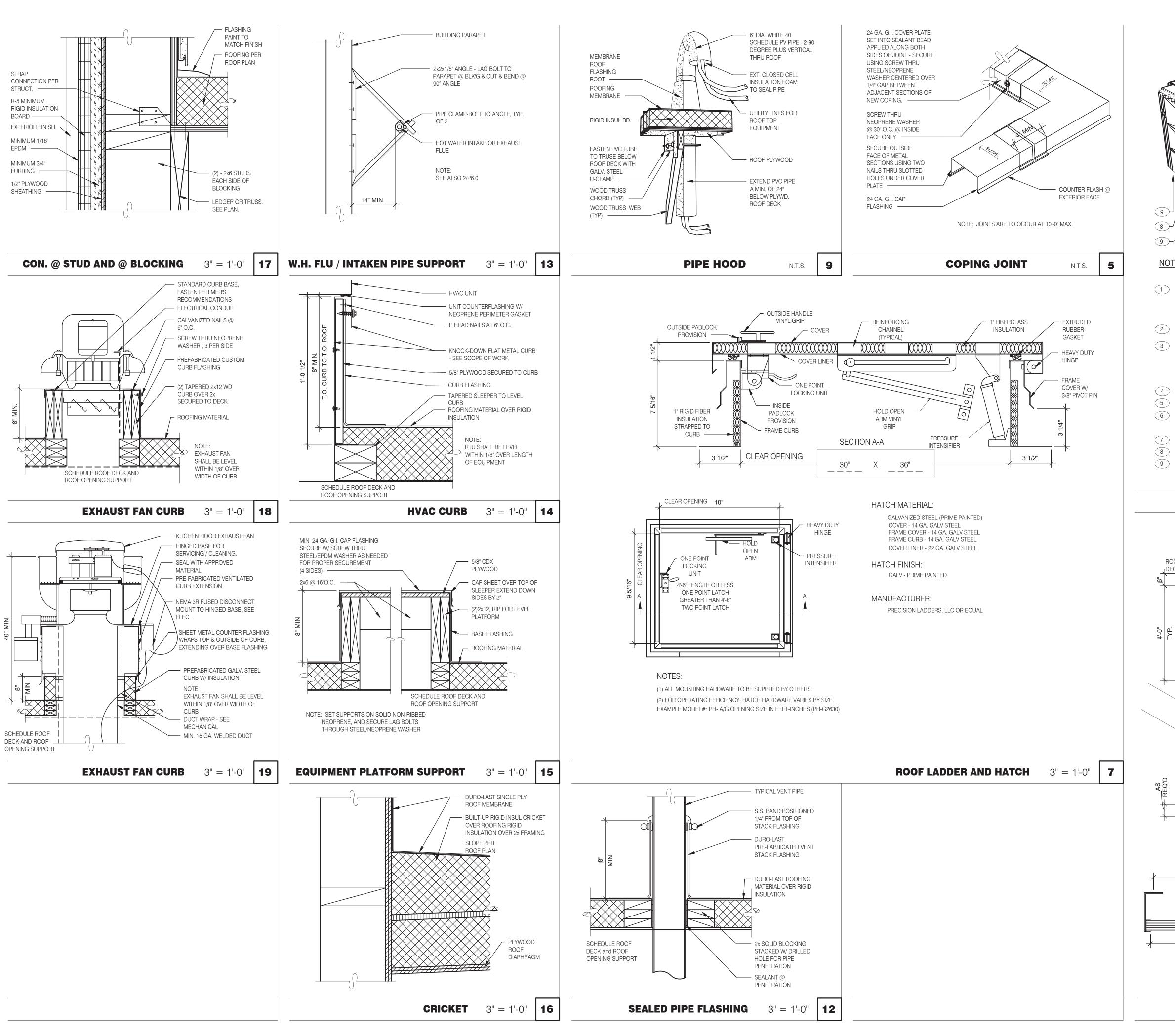
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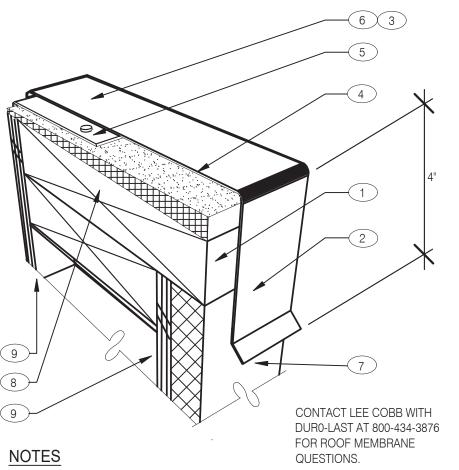
> **GREAT LAKES** TACO, LLC Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 WALL **SECTIONS**

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





1 PROVIDE A WOOD NAILER TO MATCH THE THICKNESS OF THE WALL FINISH. APRROX. 1" THICK IS TYPICAL BUT MAY VARY. TOP OF WOOD NAILER SHALL BE FLUSH WITH TOP OF WALL FINISH. THE WOOD NAILER SHALL EXTEND AT LEAST 1/2" INCH BEYOND THE LOWER HORIZONTAL EDGE OF THE PARAPET COPING TO ALLOW FOR PROPER FASTENING.

2 FASTENERS USED TO ATTACH THE COPING TO WOOD NAILERS, MUST BE SPACED NO GREATER THAN 18 - INCHES ON-CENTER. 3 ALLOW FOR 1/8 - INCH EXPANSION GAP BETWEEN 10-FOOT LENGTHS OF

COPING. PROVIDE A COPING JOINT COVERS BETWEEN ENDS OF COPING PIECES AND AT CORNERS. JOINT COVERS SHOULD BE MADE FROM THE SAME MATERIAL AS THE COPING AND SHOULD LAP THE JOINTS A MINIMUM OF 6" ON EITHER SIDE. JOINT COVERS SHALL BE FASTENED THE SAME WAY AS THE COPING.

4 FIBER CANT STRIP SLOPED 1/4:12 TOWARDS ROOF..

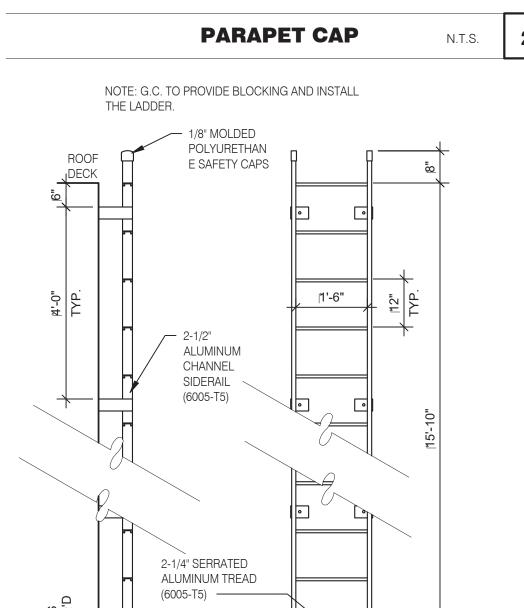
5 ROOF MEMBRANE

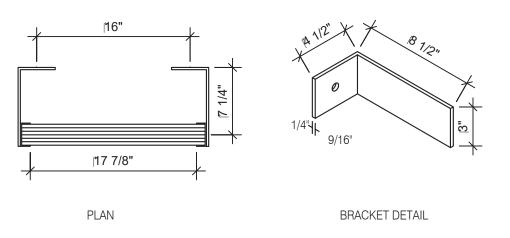
(6) FACTORY PAINTED 24 GAUGE METAL COPING WITH 4" DROP FRONT,

BACK AND ENDS (WHERE SHOWN). 7 WALL FINISH: EXT. FINISH AS SCHEDULED ON A4.0

(8) DOUBLE 2X TOP PLATE

9 PLYWOOD SUBSTRATE. SEE SHEET A1.0 & S2.0 FOR ADDITIONAL DETAILS





ROOF LADDER

N.T.S.

DETAILS ROOF





INC. A.I.A 441 S. LIVERNOIS ROAD SUITE 265

ROCHESTER HILLS, MI 48307

(248) 524-4700 (248) 524-9746

PROJECT # 21017 DATE REMARKS

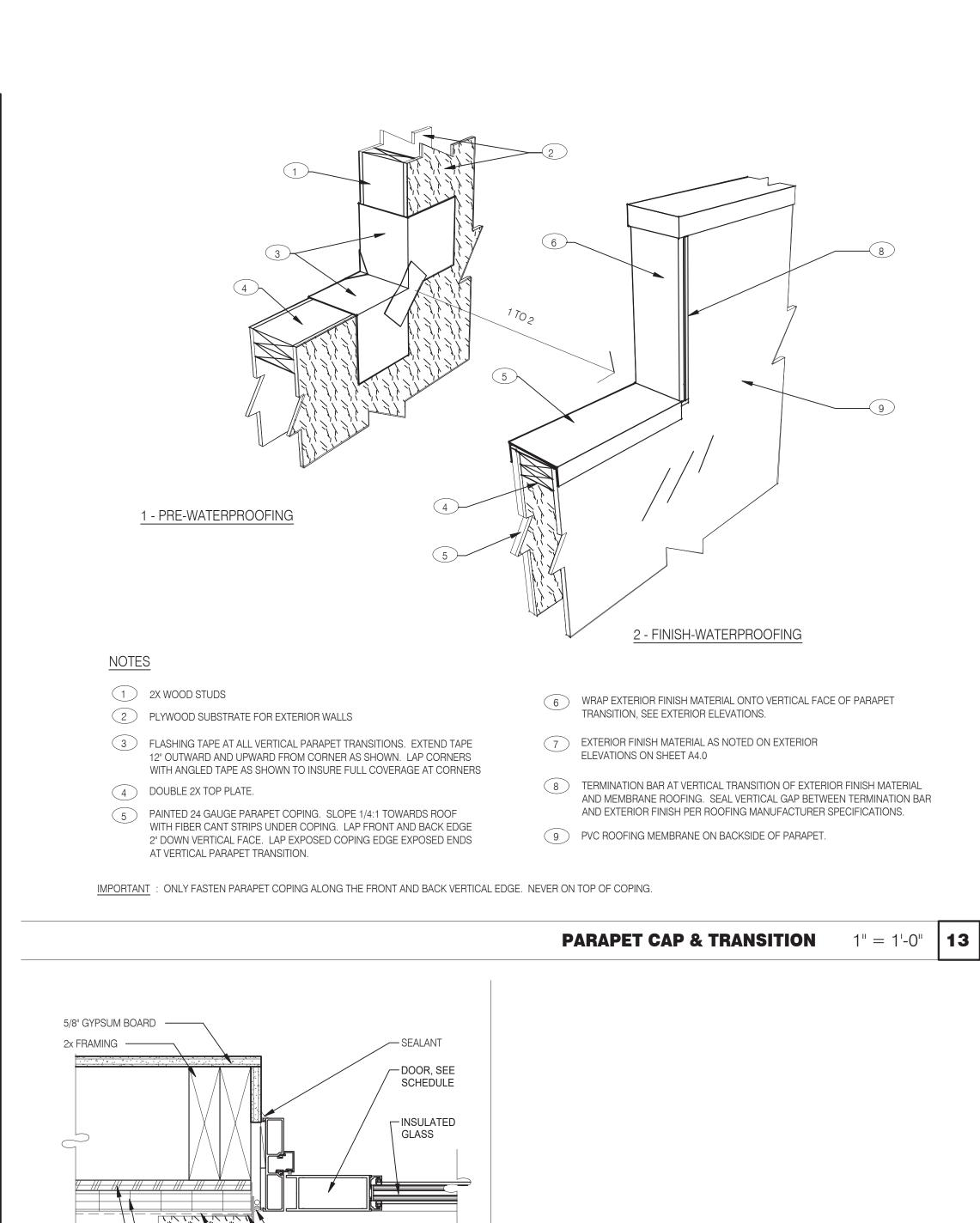
CONTRACT DATE:	
BUILDING TYPE:	END. MED 40
PLAN VERSION:	MARCH 2021
BRAND DESIGNER:	
SITE NUMBER:	315286
STORE NUMBER:	
PA/PM:	
DRAWN BY.:	

JOB NO.: **GREAT LAKES**

TACO, LLC Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 CONSTRUCTION



BACKER AND SEALANT ROD

ANODIZED ALUM. FLASHING TO

BLUESKIN VP WATER RESISTIVE

AIR BARRIER MEMBRANE

DOOR JAMB 3'' = 1'-0'' **16**

MATCH THE DOOR FRAME COLOR

- EXTERIOR GRADE

INSULATION BOARD

- BLUESKIN VP WATER

J-BOX. MOUNT TO

POSITIVE SEAL FROM

BACKWRAP OPENINGS

BOX TO WEATHER

- CONDUIT / PIPE

BARRIER

- AIR SEAL

CO2 FILL / J-BOX 3" = 1'-0" | **17**

RESISTIVE AIR BARRIER

PLYWOOD

- R-5 MINIMUM

MEMBRANE

SUPPORTING STRUCTURE. PROVIDE

— SILL FLASHING

1/2" PLYWOOD

SHEATHING —

R-5 MIN. INSUL.

OVERLAPPING FLASHING -

MIN. 3/4" FURRING —

MIN. 1/16" EPDM —

HARDIE BOARD —

PAINTED METAL

FLASHING -

HORIZONTAL

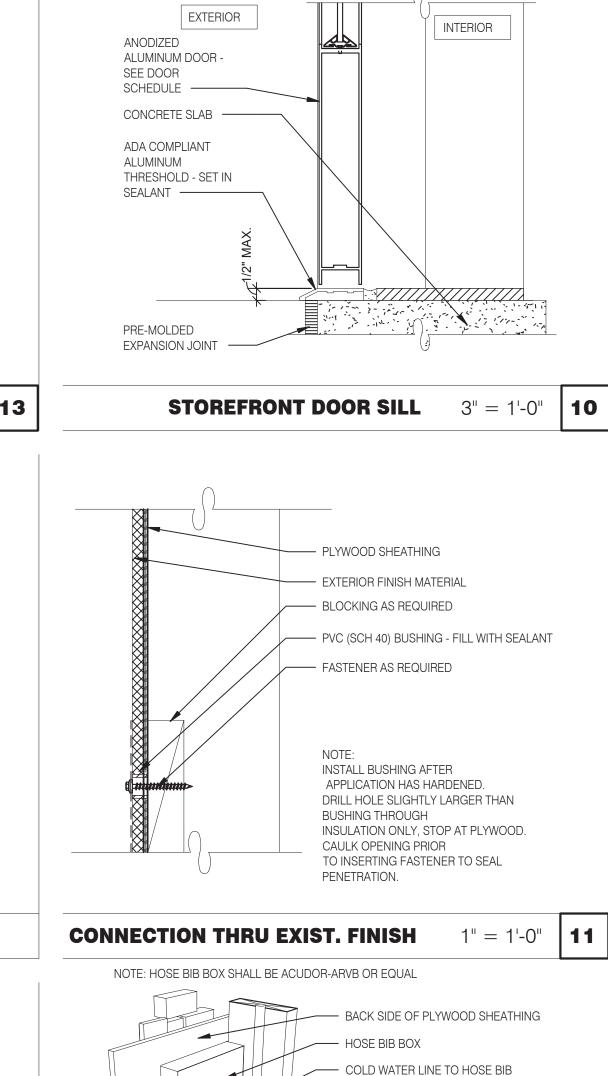
EDGE TRIM —

BOARD ———

MIN. 3/4" FURRING -

MIN. 1/16" EPDM ———

HARDIE BOARD ———



5/8" GYPSUM BOARD ——

2x FRAMING -

R-5 MIN. INSULATION

1/2" PLYWOOD SHEATHING —

BLUESKIN VP WATER —

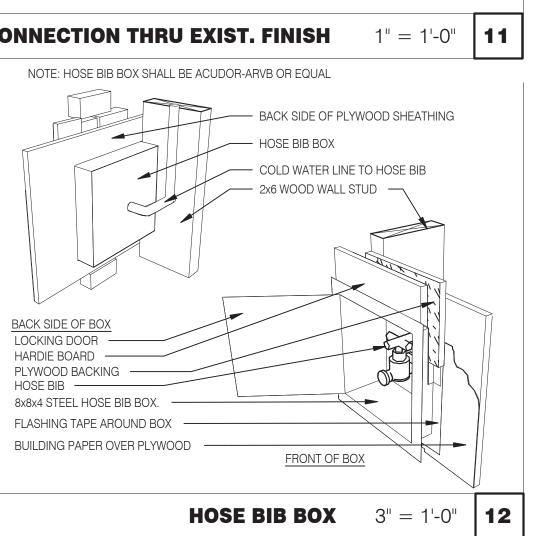
MIN. 3/4" FURRING ——

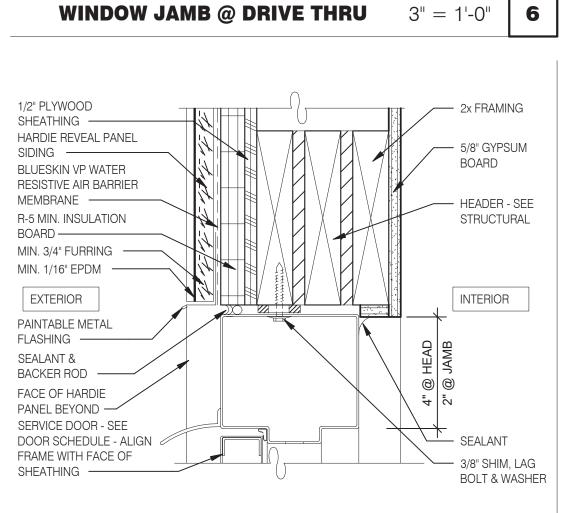
HARDIE BOARD ----

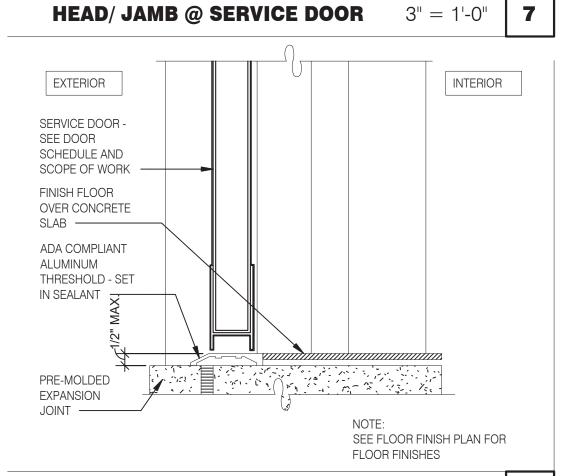
RESISTIVE AIR BARRIER

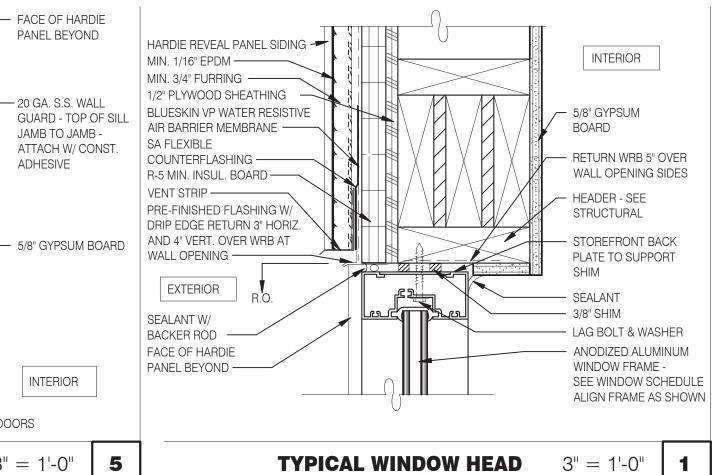
BOARD ———

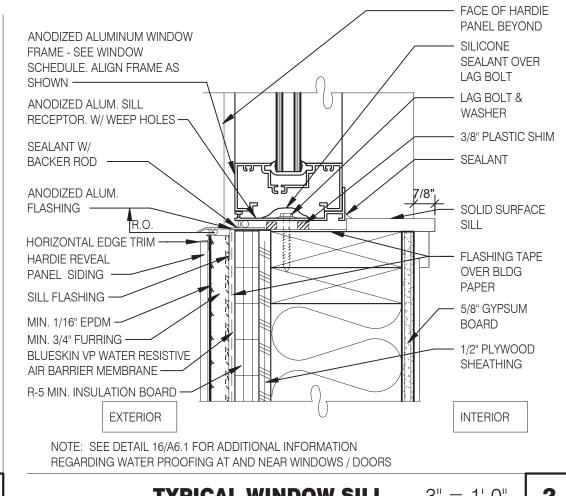
MEMBRANE —

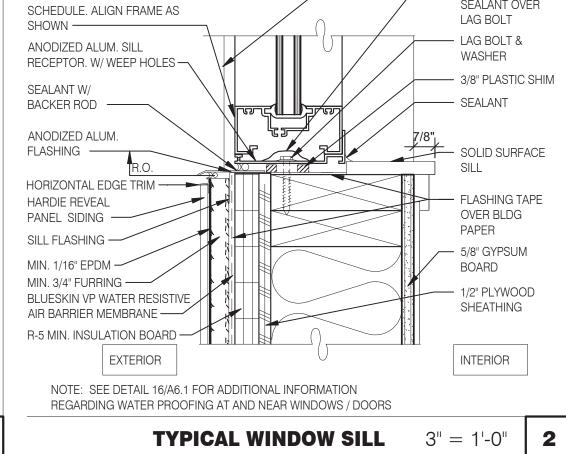


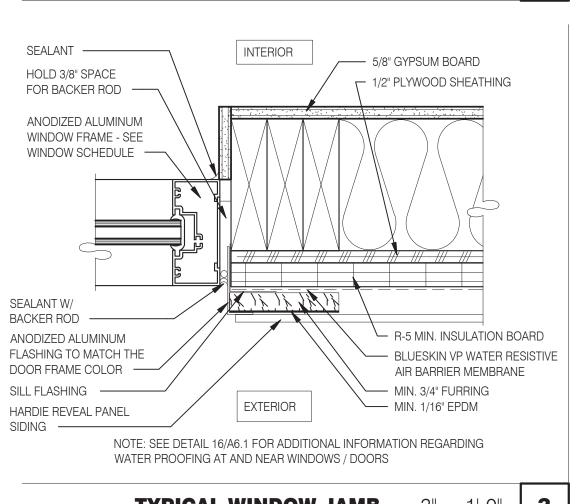


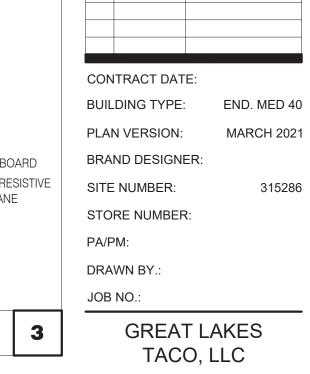












. GREGORY SCOT :

ARCHITECT NO. 1301031102

INC. A.I.A

441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307

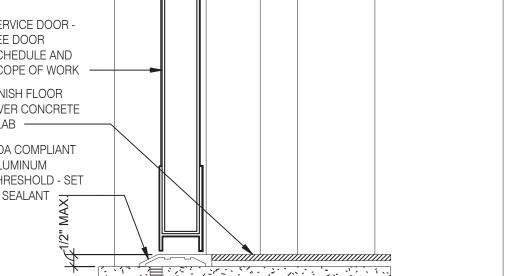
(248) 524-4700 (248) 524-9746

PROJECT # 21017

DATE REMARKS



ENDEAVOR 2.0 CONSTRUCTION DETAILS DOOR/WINDOW



THRESHOLD @ SERVICE DOOR

SEALANT W/ BACKER - 20 GA. S.S. WALL ANODIZED ALUM. **GUARD - TOP OF SILL** FLASHING ----JAMB TO JAMB -ATTACH W/ CONST. **ADHESIVE** HORIZONTAL EDGE TRIM -HARDIE REVEAL PANEL SIDING SILL FLASHING -- 5/8" GYPSUM BOARD MIN. 1/16" EPDM — MIN. 3/4" FURRING — BLUESKIN VP WATER RESISTIVE / AIR BARRIER MEMBRANE — R-5 MIN. INSULATION BOARD — 1/2" PLYWOOD SHEATHING -INTERIOR EXTERIOR NOTE: SEE DETAIL 16/A6.1 FOR ADDITIONAL INFORMATION REGARDING WATER PROOFING AT AND NEAR WINDOWS / DOORS WINDOW SILL @ DRIVE THRU 3'' = 1'-0'' 5

ANODIZED ALUM WINDOW

FACE OF OPAQUE PANEL

INTERIOR

EXTERIOR

— SILL FLASHING

MIN. 1/16" EPDM

JAMB SERVICE DOOR 3" = 1'-0"

BACKER AND SEALANT ROD

ANODIZED ALUM. FLASHING TO

MATCH THE DOOR FRAME

— SEALANT

FRAME - ALIGN FRAME WITH

INTERIOR

2X FRAMING -

INSULATION ---

SHEATHING -

1/2" PLYWOOD

BACKER AND

SEALANT ROD -

SILL FLASHING -

ANODIZED ALUM.

MATCH THE DOOR

MIN. 1/16" EPDM —

FRAME COLOR -

FLASHING TO

5/8" GYPSUM BOARD —

EXTERIOR

 BLUESKIN VP WATER RESISTIVE AIR BARRIER

MEMBRANE

— HARDIE BOARD

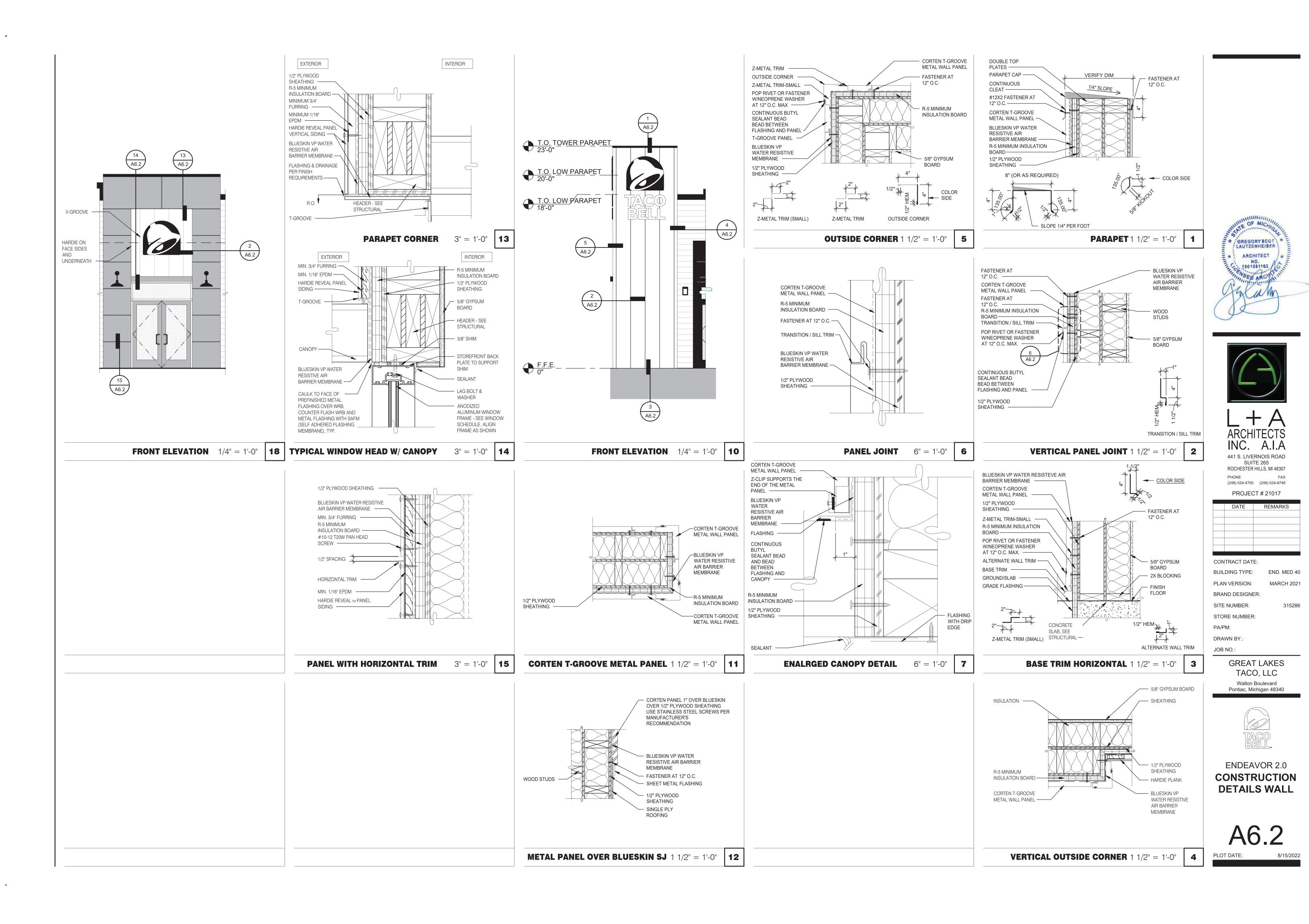
— MIN. 3/4" FURRING

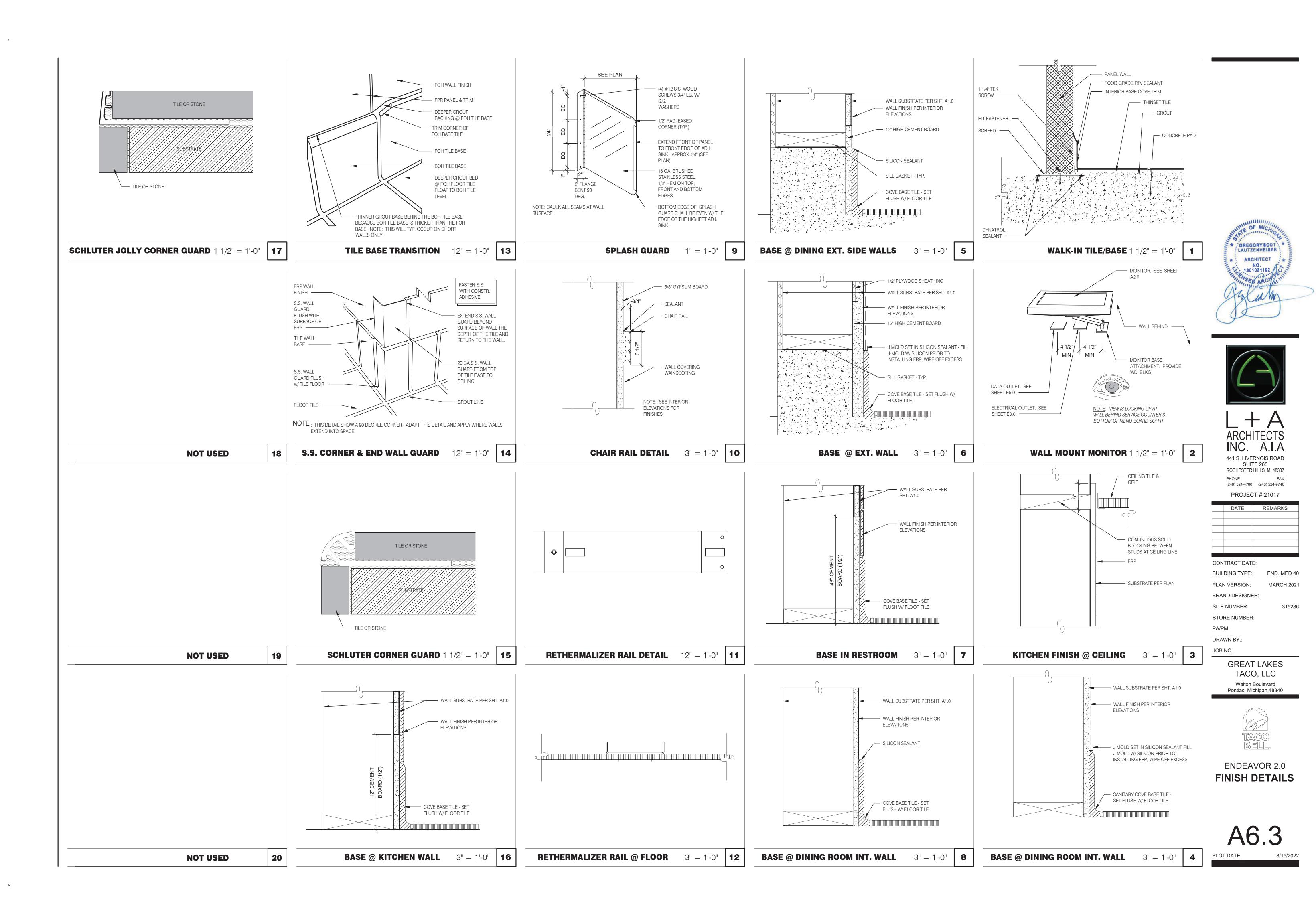
TYPICAL WINDOW JAMB

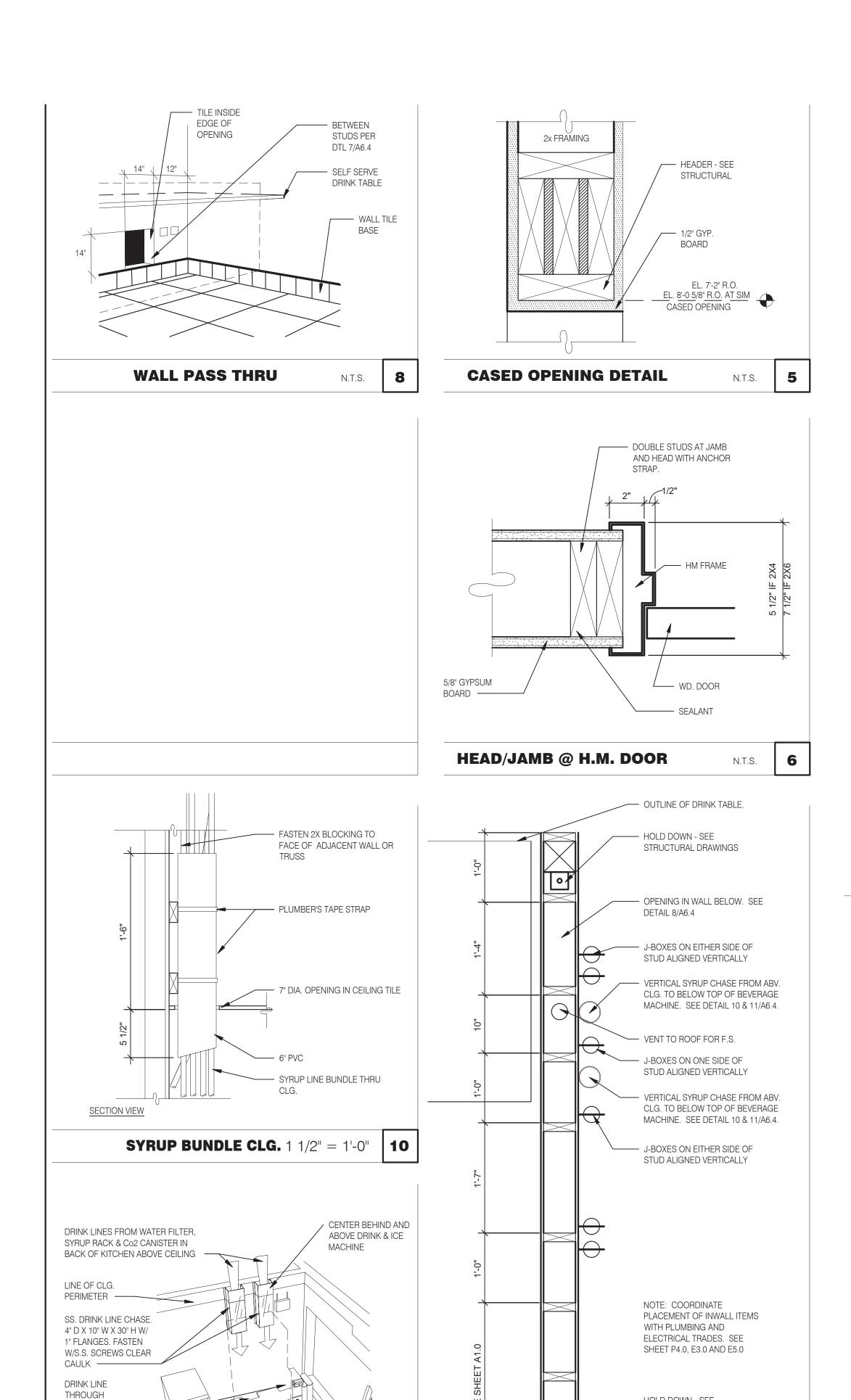
HARDIE BOARD TO BE ATTACHED WITH CONCEALED FASTENERS PER

MANUFACTURERS SPECIFICATIONS









OPENINGS IN

TABLE -

OUTLINE OF

DRINK & ICE MACHINE -

NOTE: SEE DETAIL 8/P6.0 DRINK SYSTEM SCHEMATIC & DETAIL 6/P6.0 AND 7/P6.0 FOR DRINK LINES

SYRUP CHASE ON WALL 1 1/2" = 1'-0"

11

ON DRAWINGS) AS NEEDED TO ENSURE ADEQUATE SUPPORT OF DIGITAL MENU BOARDS

WILL EXCEED A 3IN DEVIATION, STRATACACHE MUST BE NOTIFIES IMMEDIATELY.

20A

ISOLATED

MENUE BORAD - DIGITAL & MEDIA PLAYER

JB = JUNCTION BOX

QTY

- HOLD DOWN - SEE

WIRING

INTERIOR CHASE WALL

STRUCTURAL DRAWINGS

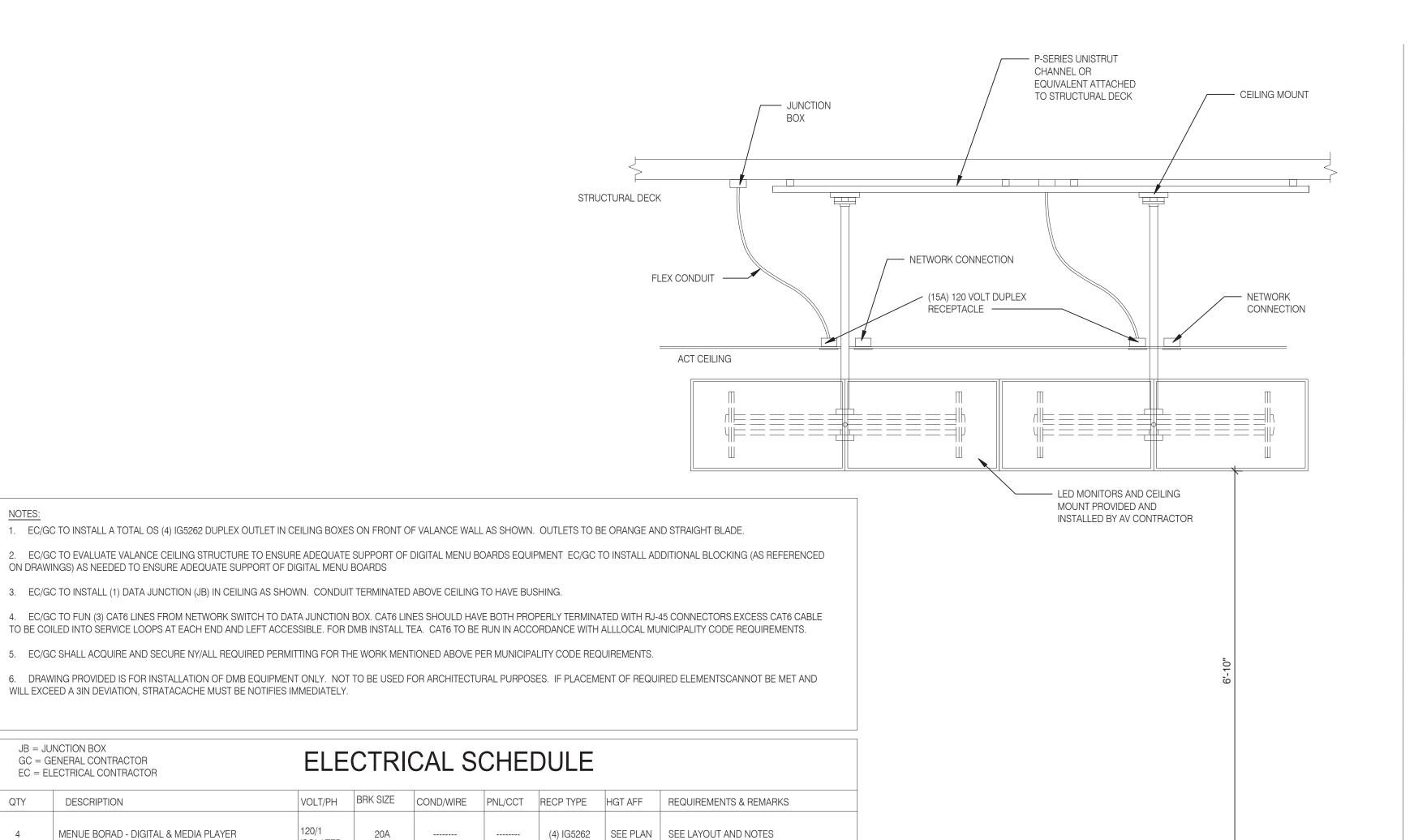
- CHASE FOR FRONT COUNTER

N.T.S. **7**

GC = GENERAL CONTRACTOR

EC = ELECTRICAL CONTRACTOR

DESCRIPTION



√ 0'-0" A.F.F.

MENU BOARD MOUNTING DETAIL 3/4" = 1'-0" 1





441 S. LIVERNOIS ROAD

SUITE 265 ROCHESTER HILLS, MI 48307 PHONE (248) 524-4700 (248) 524-9746

PROJECT # 21017			
	DATE	REMARKS	l

END. MED 40

MARCH 2021

315286

CONTRACT DATE: BUILDING TYPE:

PLAN VERSION: BRAND DESIGNER:

SITE NUMBER: STORE NUMBER:

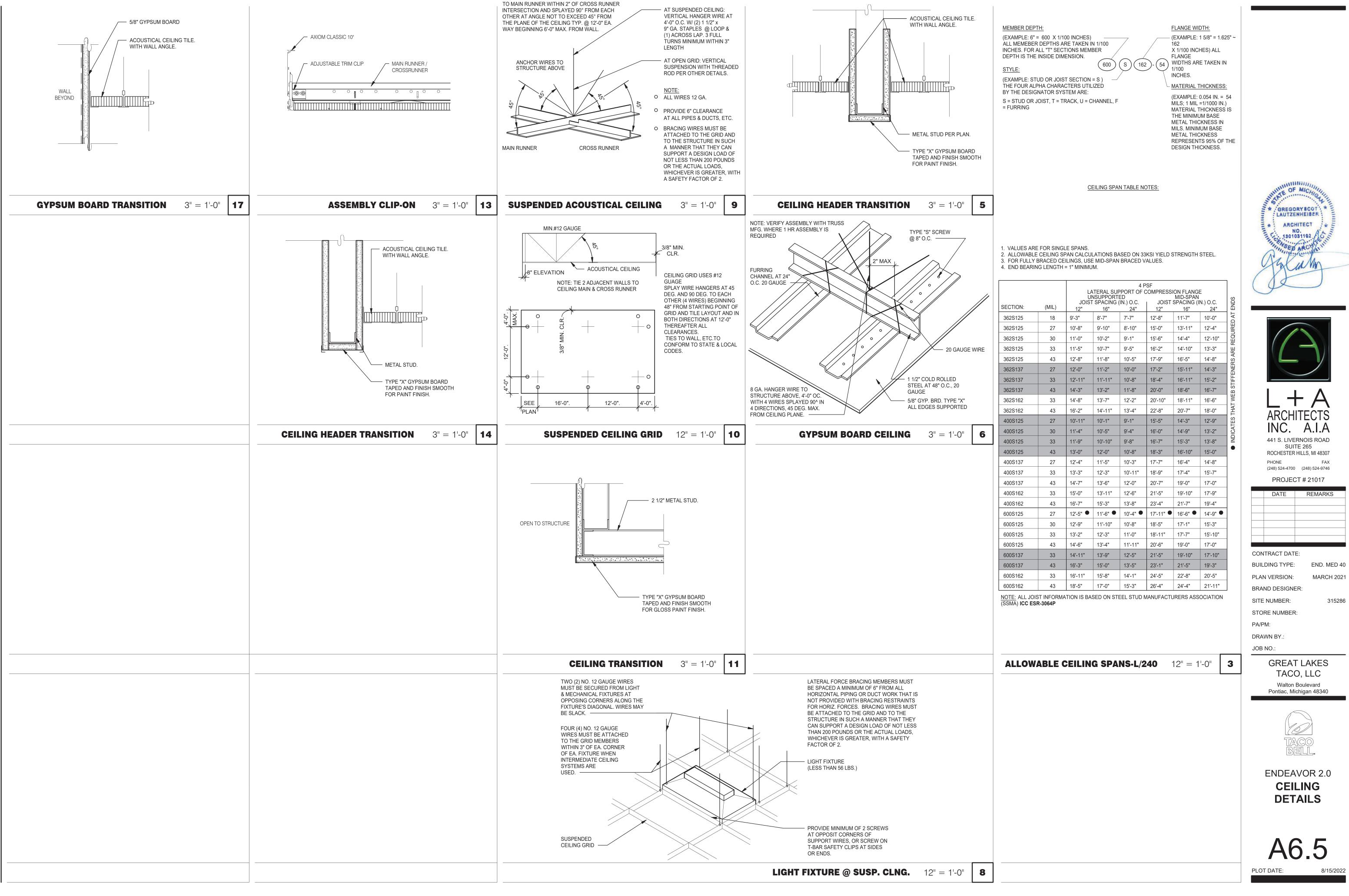
PA/PM: DRAWN BY.:

JOB NO.:

GREAT LAKES TACO, LLC Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 CONSTRUCTION **DETAILS INTERIOR**



LATERAL BRACING: 4-12 GA. WIRES SECURED

GREAT LAKES TACO, LLC Walton Boulevard

Pontiac, Michigan 48340



ENDEAVOR 2.0 CEILING DETAILS



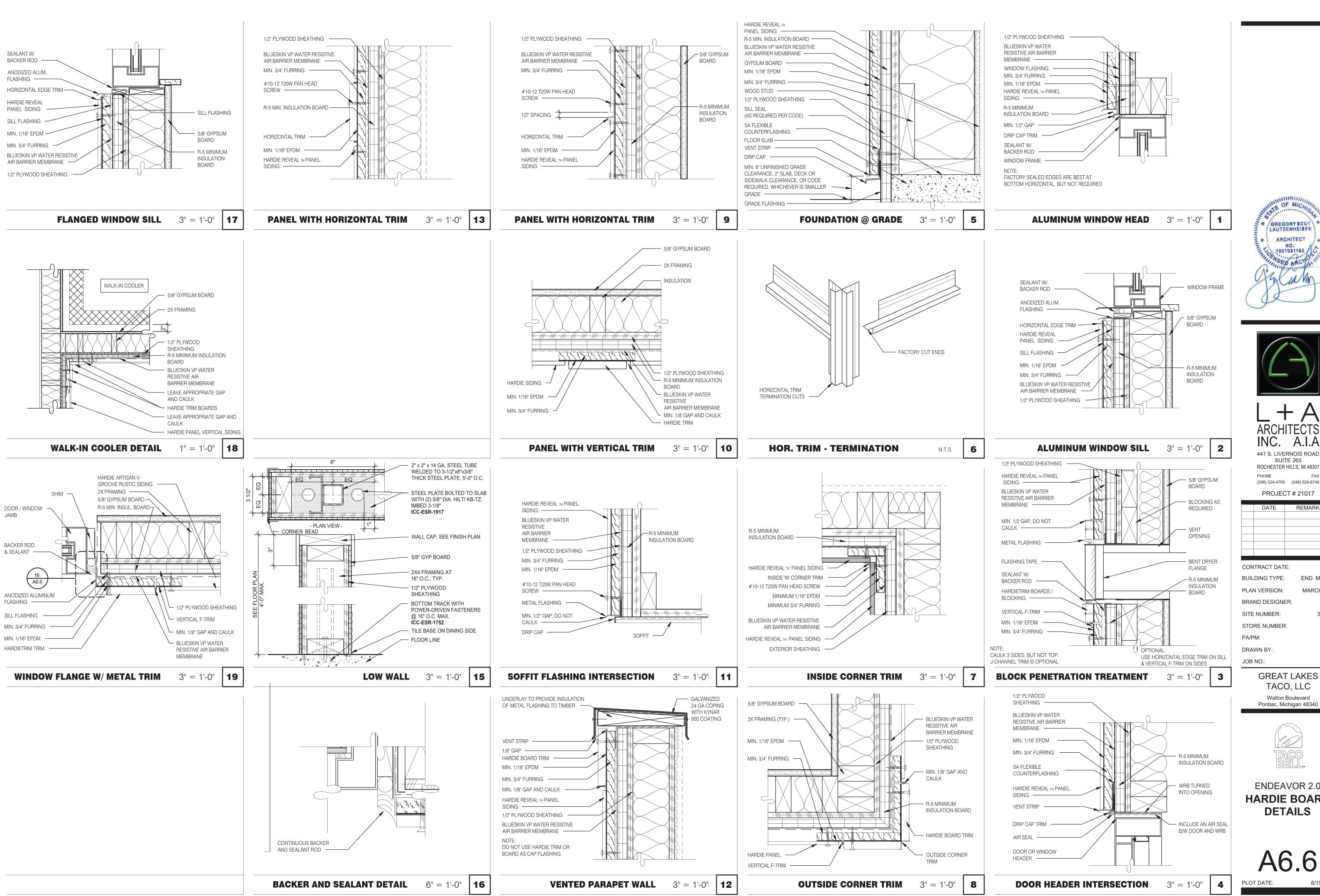


PROJECT # 21017

DATE REMARKS

MARCH 2021

315286







INC. A.I.A 441 S. LIVERNOIS ROAD SUITE 265

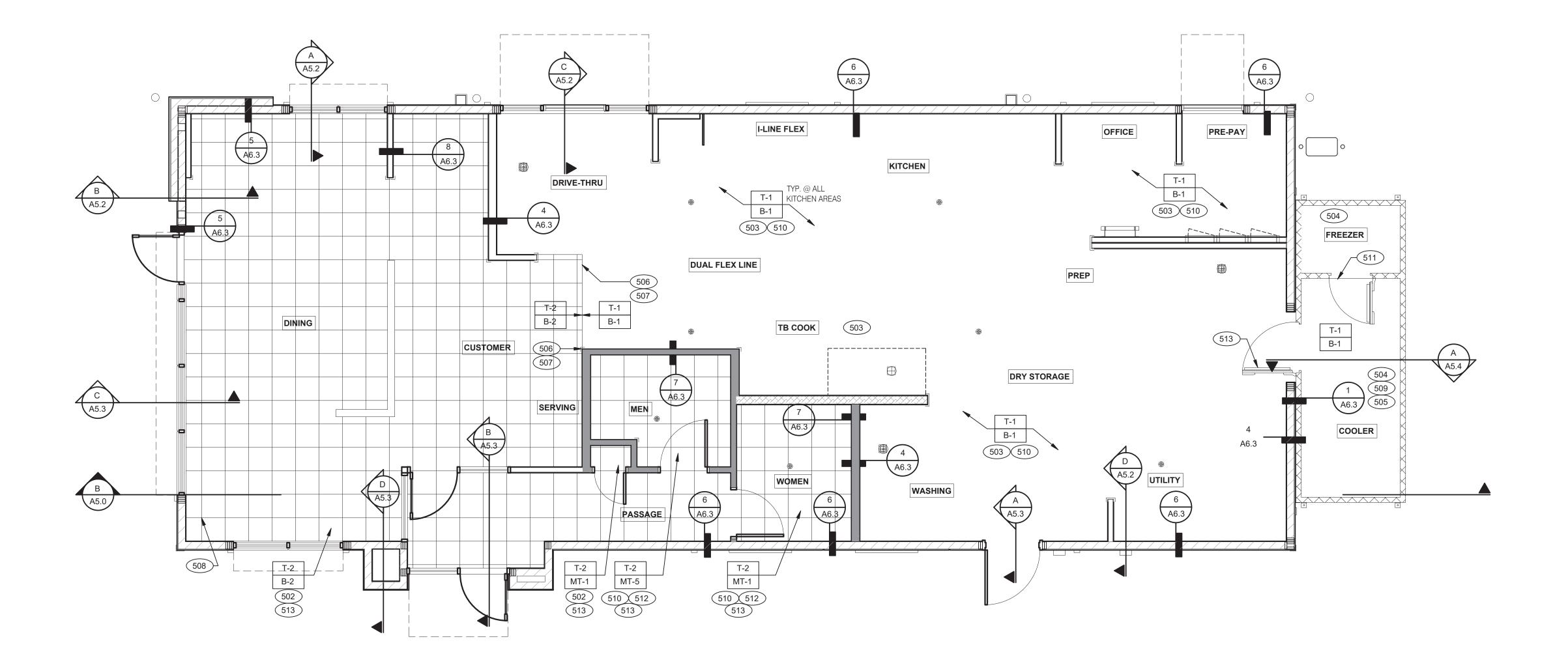
ROCHESTER HILLS, MI 48307 (248) 524-4700 (248) 524-9746

PROJECT # 21017 DATE REMARKS CONTRACT DATE: BUILDING TYPE: END. MED 40 PLAN VERSION: MARCH 2021 BRAND DESIGNER: SITE NUMBER: 315286 STORE NUMBER: DRAWN BY.:

> **GREAT LAKES** TACO, LLC Walton Boulevard



ENDEAVOR 2.0 HARDIE BOARD **DETAILS**



REVISED TILE FINISHES, REFER TO A7.2. FLOOR HATCH TO MATCH NEW TILE **FINISHES**



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

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

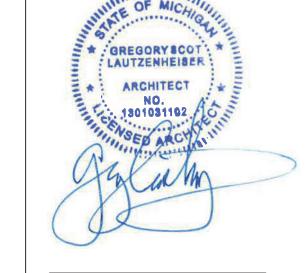
B. TILE JOINT (U.O.N.): 1.QUARRY FLOOR TILE: 1/4" 2.PORCELAIN FLOOR TILE: 3/16" 3.GLAZED WALL TILE: 1/8"

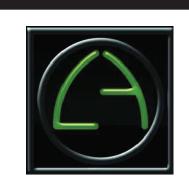
NOT USED

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.

- 6" COVE TILE BASE. SEE DETAIL.
- 503 6" SANITARY EPOXY BASE. REFER TO MANUFACTURER'S DETAILS.
- PROVIDE EPOXY FLOOR INSIDE WALK-IN COOLER (NO WALL TILE OR BASE IN FREEZER). FLOAT FLOOR IN COOLERS TO DRAIN TO KITCHEN. COORDINATE WITH COOLER WALL CONFIGURATION.
- NO BASE TILE BEHIND W-059 FOR WALK-IN COOLER/FREEZER.
- ALIGN FLOOR TRANSITION STRIP WITH FACE OF WALL.
- 507 FLOAT FLOOR TILE TO BE FLUSH WITH TOP OF TRANSITION STRIP. START POINT FOR FLOOR TILE.
- METAL BASE IN COOLER; SEE SCOPE OF WORK. SEE DETAIL.
- REFER TO STRUCTURAL DRAWINGS FOR CONCRETE FLOOR SLOPES AROUND FLOOR DRAINS.
- STEP-UP AT FREEZER TRESHOLD.
- 512 SANITARY TILE BASE IN RESTROOM.
- 513 INSTALL FLOOR TILE WITH OFFSET NO MORE THAN 33% OR INSTALL IN A STRAIGHT STACK BOND.





441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307

(248) 524-4700 (248) 524-9746

	PROJEC	CT # 21017
	DATE	REMARKS
-		
CON	TRACT DAT	⊏.

CONTRACT DATE: BUILDING TYPE: END. MED 40

PLAN VERSION: MARCH 2021 BRAND DESIGNER:

SITE NUMBER: STORE NUMBER:

PA/PM: DRAWN BY.:

> JOB NO.: **GREAT LAKES**

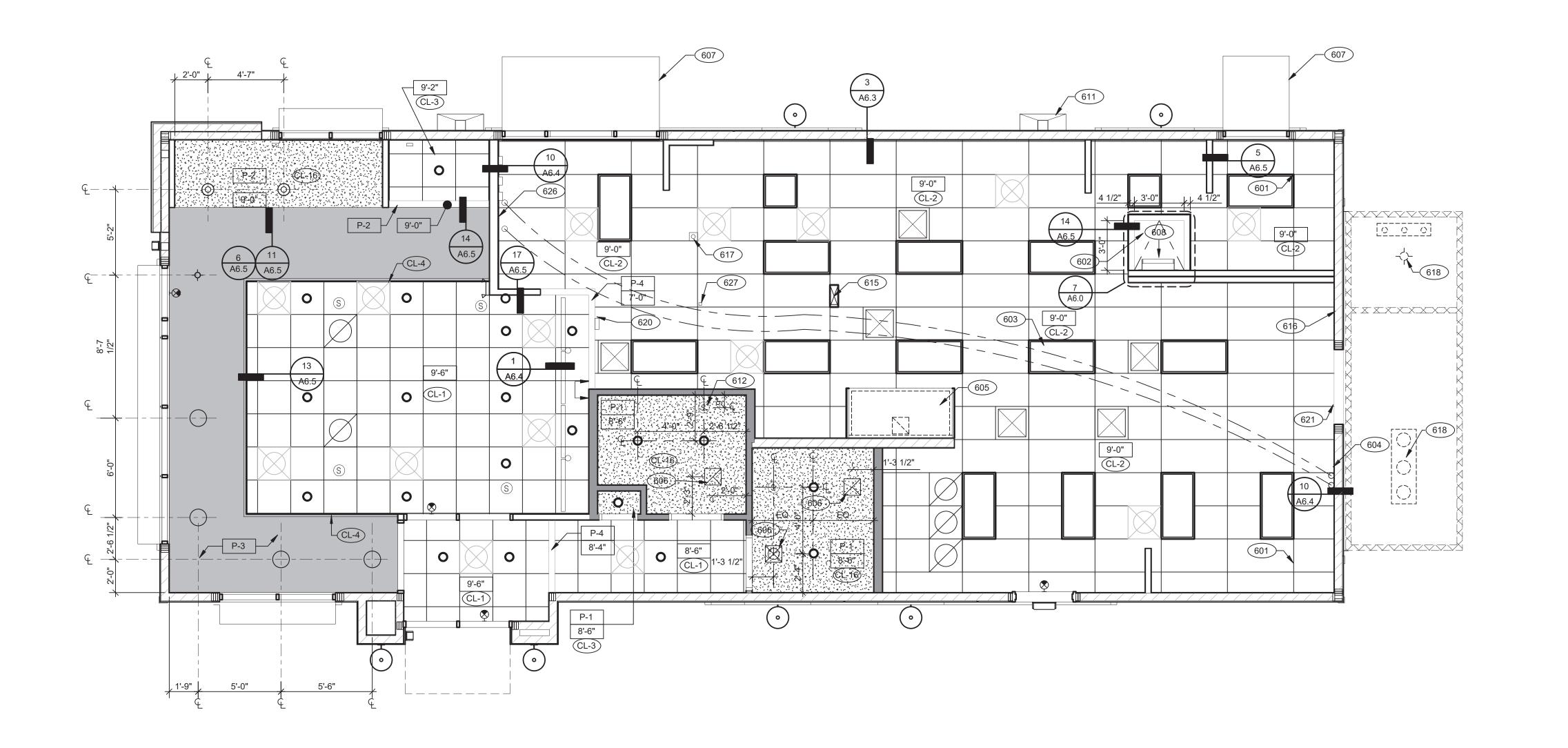
TACO, LLC Walton Boulevard Pontiac, Michigan 48340

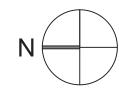


ENDEAVOR 2.0 FLOOR FINISH PLAN

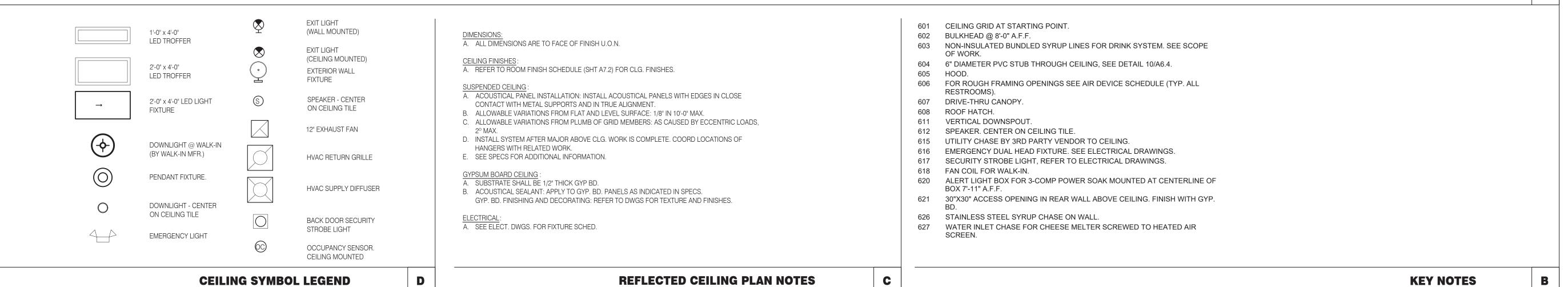
D **FLOOR FINISH NOTES**

KEY NOTES





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







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(248) 524-4700 (248) 524-9746

PROJECT # 21017

-		
	DATE	REMARKS

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MARCH 2021

CONTRACT DATE: BUILDING TYPE:

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STORE NUMBER: PA/PM:

DRAWN BY.: JOB NO.:

GREAT LAKES TACO, LLC Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 REFLECTED **CEILING PLAN**

			FINISH LEGEND						
SYMBOL	MANUFACTURER	STYLE	COLOR	SIZE	GROUT	COMMENTS			
CEILING									
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 TAUPE			
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						
		'							
CHAIR RAIL CR-1	SW	SW7043	WORLDLY GRAY	3 1/2" X 3/4"		SEMI-GLOSS			
FLOOR BASE B-1	EUCLID CHEMICAL (OR EQUAL)	HIGH BUILD EPOXY WITH SILICA SAND (SKID RESISTANT)	OWNER TO SELECT FROM MANUFACTURER'S STANDARD COLORS	6" HIGH	N/A	INTEGRAL HIGH-BUILD EPOXY COVED WALL BASE			
B-2	CMC	MOTIF GREY	GREY	6X12	MAPEI, #2 PEWTER, 1/8" JOINT WIDTH				
FLOODING					,				
FLOORING T-1	EUCLID CHEMICAL (OR EQUAL)	HIGH BUILD EPOXY WITH SILICA SAND (SKID RESISTANT)	OWNER TO SELECT FROM MANUFACTURER'S STANDARD COLORS		N/A	PROVIDE SLOPED A.D.A. COMPLIANT CLEAR ANODIZED ALUMINUM TRANSITION STRIP INTERFACE WITH CERAMIC TILE; AND INTEGRAL HIGH-BUILD EPOXY COVED WALL BASE			
T-2	CMC	MOTIF GREY	GREY	18X18	MAPEI, #2 PEWTER, 1/8" JOINT WIDTH				
FRP/LAMINATE FRP-1	MARLITE	SMOOTH SURFACE	S100 S/2/S WHITE	4' X 9' X .90		COORDINATE ALL TRIM PIECES WITH FRP MFG			
L-1	WILSONART	4783K FINISH 7	WHITE TIGRIS			OFFICE SHELVING LAMINATE			
L-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"			
CORNER 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			
METAL 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			
SOLID SURFACE	I		I						
SS-1	CORIAN	LAVA ROCK	LAVA ROCK			COUNTERTOPS/24" DIAMETER TABLE TOP			
WALL COVERING	I	l .	I	<u> </u>	1				
WC-1	WOLF GORDON	MICRO PERFORATED 'RAMPART' HIGH IMPACT WALL COVERING	FOUNDATION/ PIGMENT (WGMP12172606)		RAILROAD INSTALLATION: THERE SHOULD BE NO SEAMS ALONG WALLS	1 ROLL: 80 L.F.			
WALL PAINT	I	I	I		I				
P-1	SHERWIN WILLIAMS	SW7021	SIMPLE WHITE	N/A	N/A	PAINT FINISH:			
P-2 P-3	SHERWIN WILLIAMS SHERWIN WILLIAMS	TB2603C SW7076	PURPLE CYBER SPACE	N/A N/A	N/A N/A	WALLS: EGGSHELL TRIM/BOH: SEMI-GLOSS (CHAIR RAIL)			
P-4	SHERWIN WILLIAMS	SW7005	PURE WHITE	N/A N/A	N/A	CEILING: FLAT			
WALL TILE									
W-1	CMC	FORM	ICE DECO MIX	8X8	MAPEI #47 CHARCOAL, 1/8" JOINT WIDTH	RESTROOM ACCENT WALL TILE			
W-2	CMC	FORM	ICE	8X8	MAPEI #47 CHARCOAL, 1/8" JOINT WIDTH	RESTROOM WALL TILE			
W-3	CMC	SALVAGEWOOD	WHITEWASH	3X36	MAPEI #01 ALABASTER, 1/8" JOINT WIDTH	RUNNING BOND INSTALLATION OFFSET 25%			

FINISH LEGEND D

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

<u>CORIAN</u> 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 SUNDEEPKUMAR.PATEL@SHERWIN.COM

WOLF GORDON JESSICA ROSE (213)999-1141 JESSICA.ROSE@WOLFGORDON.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

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

FINISH CONTACTS

N.T.S.



441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307 (248) 524-4700 (248) 524-9746

	DATE REMARKS								

BUILDING TYPE: END. MED 40

PLAN VERSION: MARCH 2021 BRAND DESIGNER: 315286

SITE NUMBER: STORE NUMBER:

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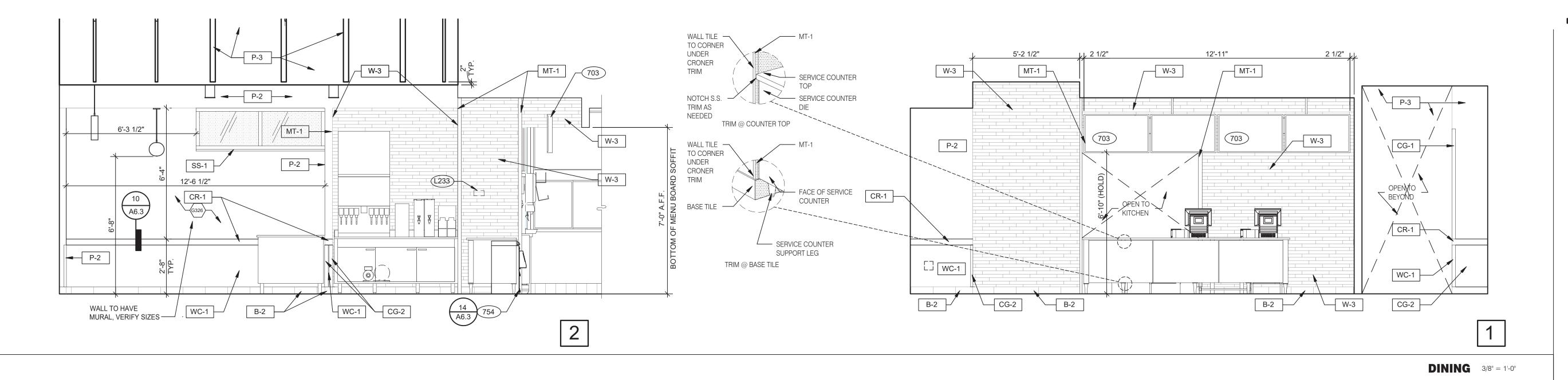
GREAT LAKES TACO, LLC Walton Boulevard Pontiac, Michigan 48340

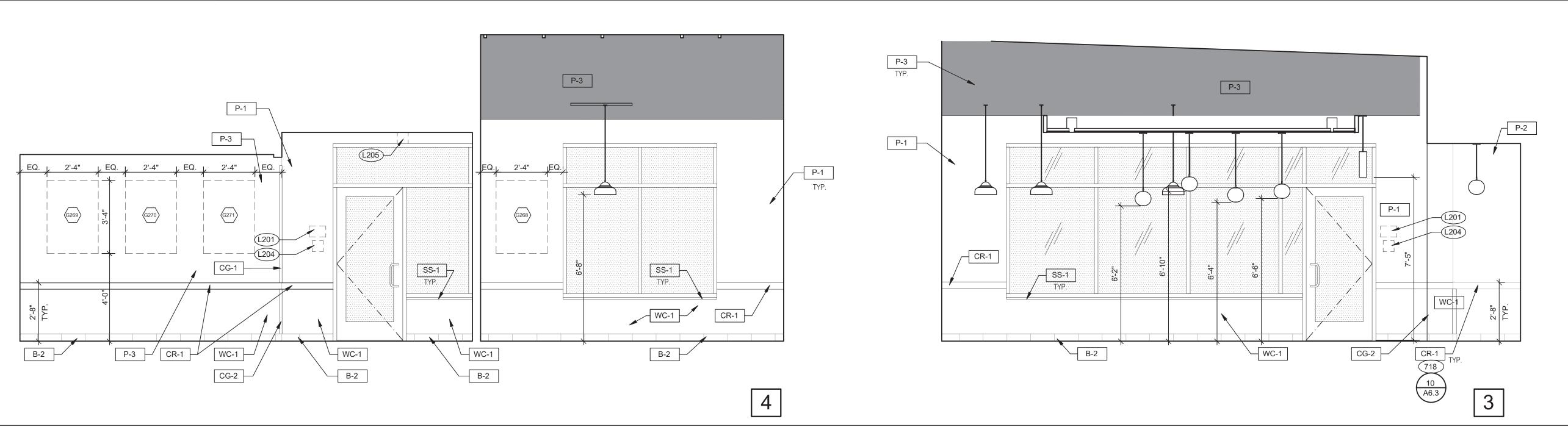


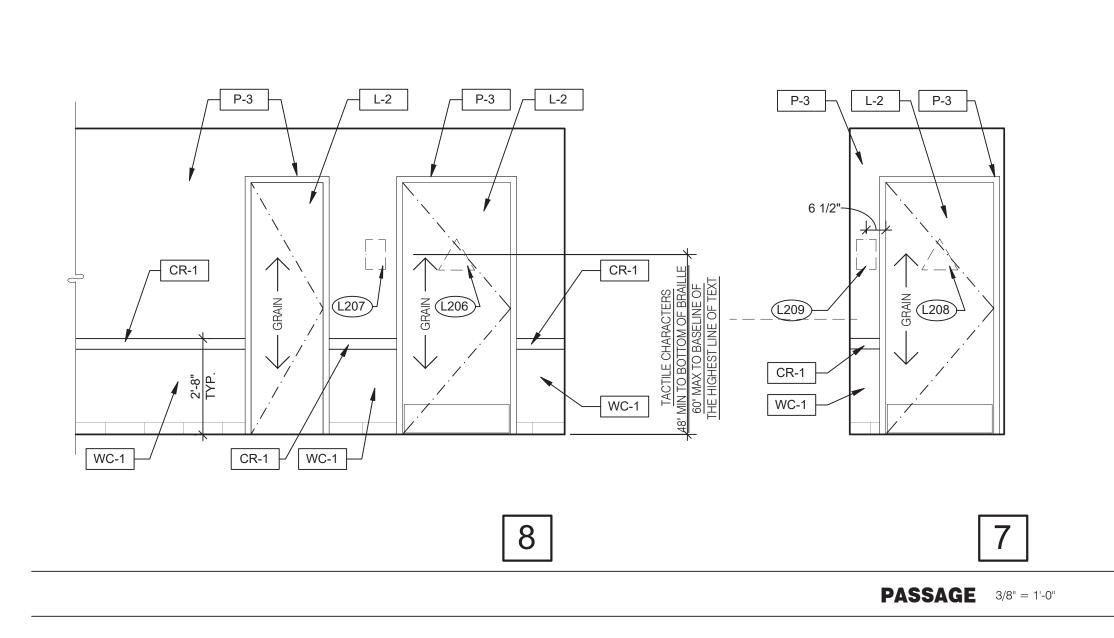
ENDEAVOR 2.0 FINISH SCHEDULE

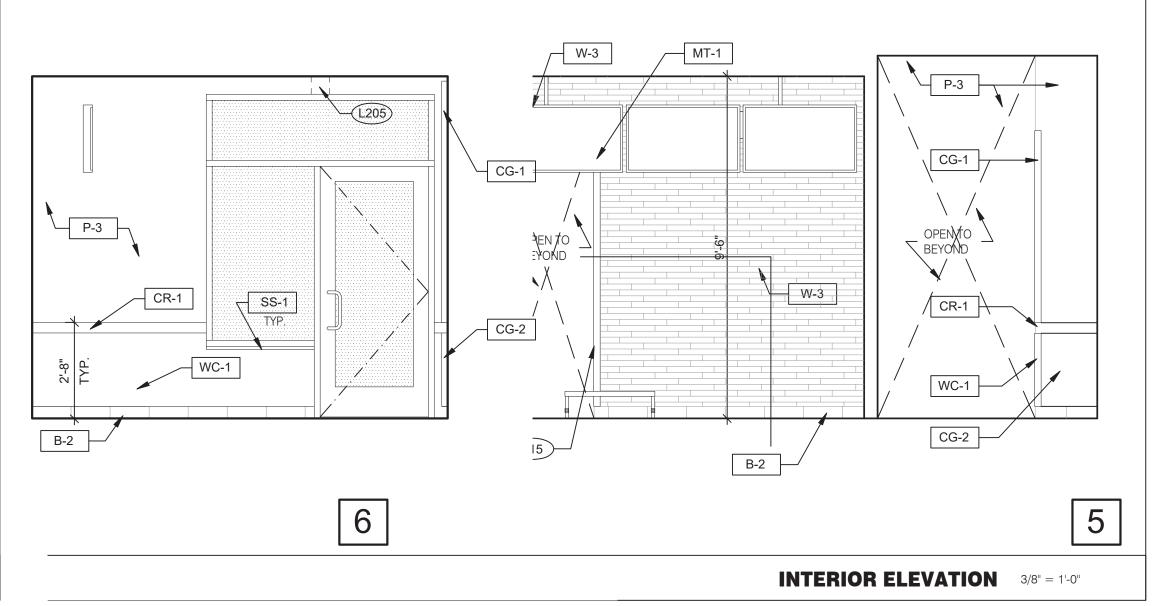
NOT USED

NOT USED









- 703 DIGITAL MENUBOARD.
- 715 SS CORNER/END WALL CHANNEL GUARD, FULL HEIGHT.
- 718 CHAIR RAIL.
- 754 SS CORNER/END WALL CHANNEL GUARD, FULL HEIGHT.





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PROJECT # 21017										
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BRAND DESIGNER: SITE NUMBER:

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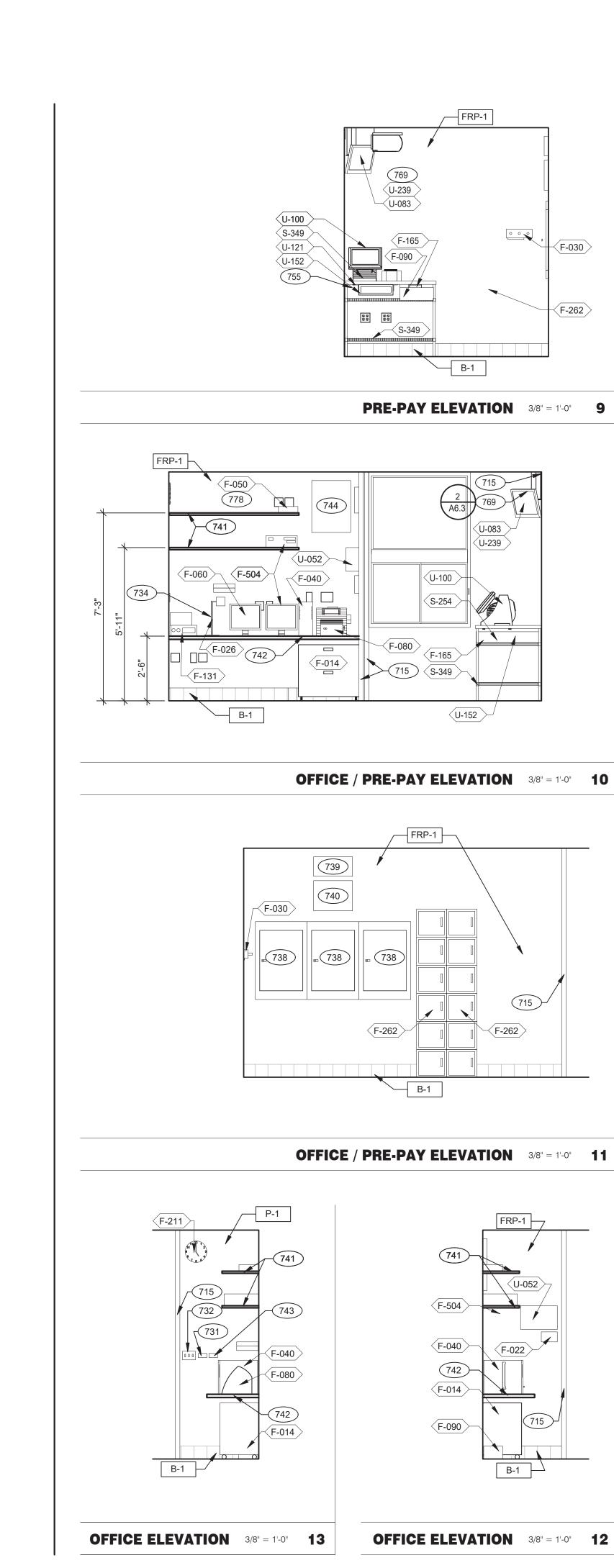
> **GREAT LAKES** TACO, LLC Walton Boulevard Pontiac, Michigan 48340

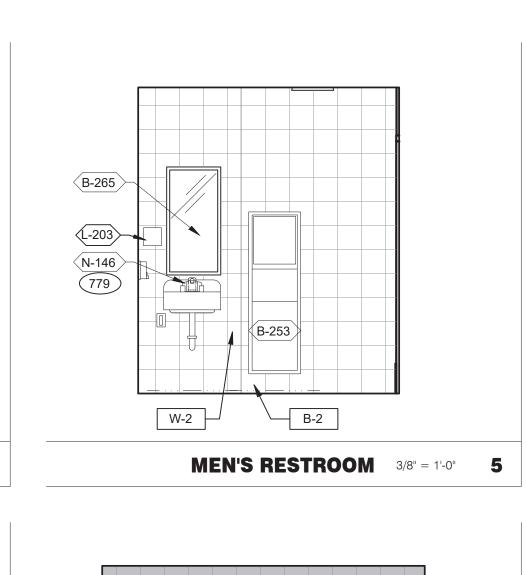


ENDEAVOR 2.0 INTERIOR **ELEVATIONS DINING ROOM**

KEYNOTES

DINING 3/8" = 1'-0"





≺B-265〉

 \langle N-146angle

B-310

B-300

B-305

√B-275

L-202>

SIDES)

STAINLESS STEEL

KICK PLATE

P-3

W-2

000

___(S-349)

U-152

(F-262)

741)-

(F-504)

(F-040)

742

(F-014)

(F-090)

(F-022)

F-262

(B-310)

(B-305)

(B-300)

B-275

A6.3

MT-3

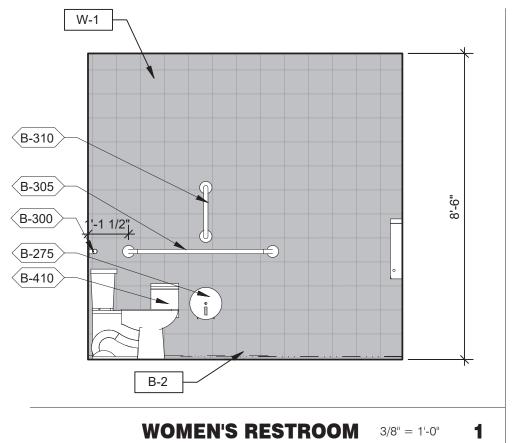
W-2

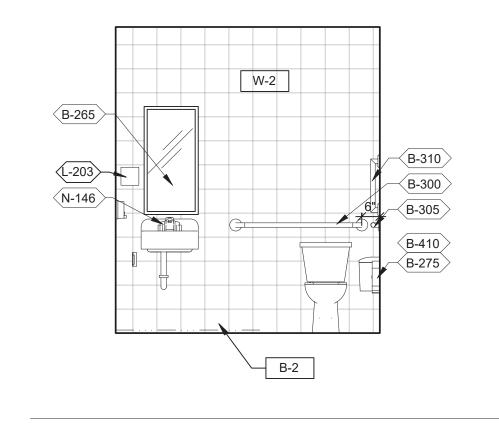
W-1

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

B-2

MEN'S RESTROOM 3/8" = 1'-0" **7**

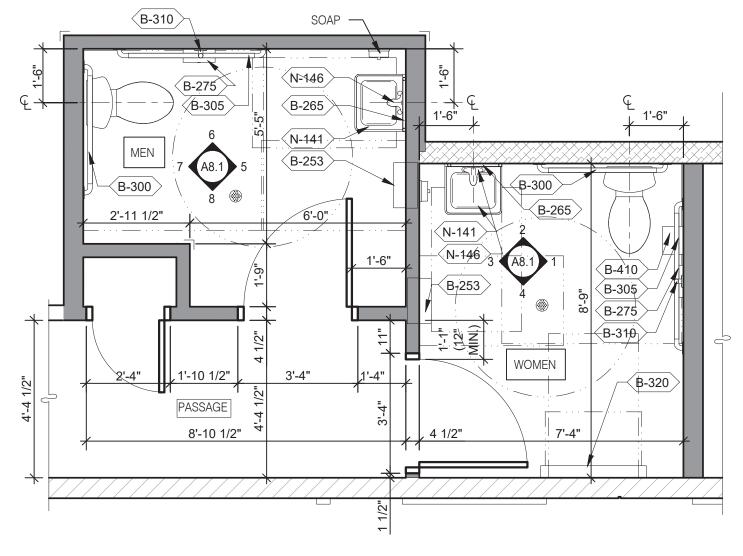




WOMEN'S RESTROOM 3/8" = 1'-0" **2**

∕<B-265⟩

<u>N-146</u>



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

REFER TO SHEET ADA1.0.

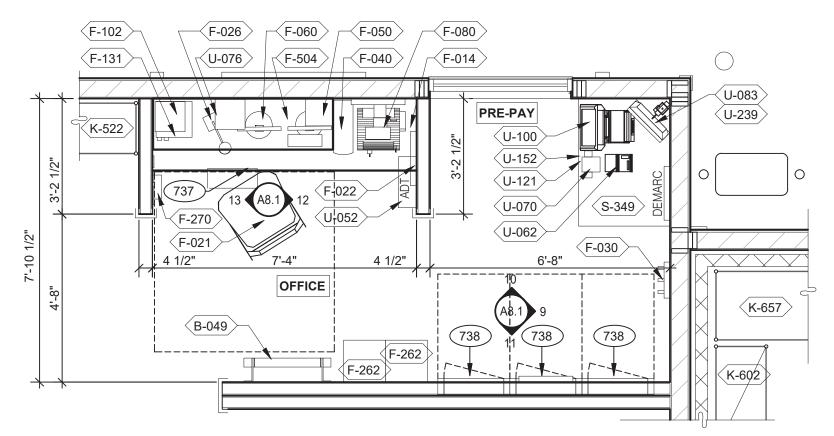
- . GRAB BARS, FASTENERS AND MOUNTING DEVICES SHALL BE INSTALLED PER ADA REQUIREMENTS.
- C. REFER TO FLOOR PLAN NOTE FOR BLOCKING AND SUBSTRATE NOTES.
- D. REFER TO SHEET ADA1.0 FOR MOUNTING HEIGHTS AND CLEARANCES OF ACCESSORIES AND FIXTURE.
- ALL DIMENSIONS THIS DRAWING ARE TO FINISH SURFACE.

* ABSOLUTE DIMENSION

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



ENLARGED RESTROOM / GENERAL NOTES 3/8" = 1'-0" A



THERMOSTATS.

ELECTRIC PANELS.

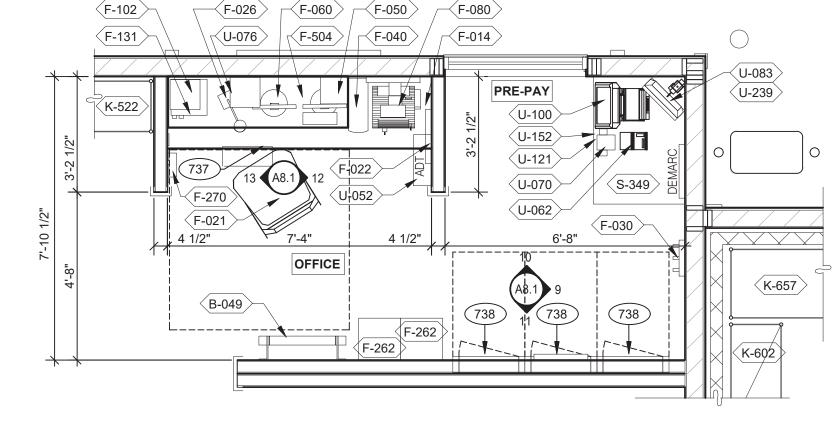
DESK LAMP.

745 DOOR IS OPTIONAL.

PROVIDE POWER FOR F-050.

779 PROVIDE POWER FOR N-146.

734



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



315286

ARCHITECT NO. . 1301031102

SITE NUMBER: STORE NUMBER:

PA/PM:

BRAND DESIGNER:

DRAWN BY.: JOB NO.:

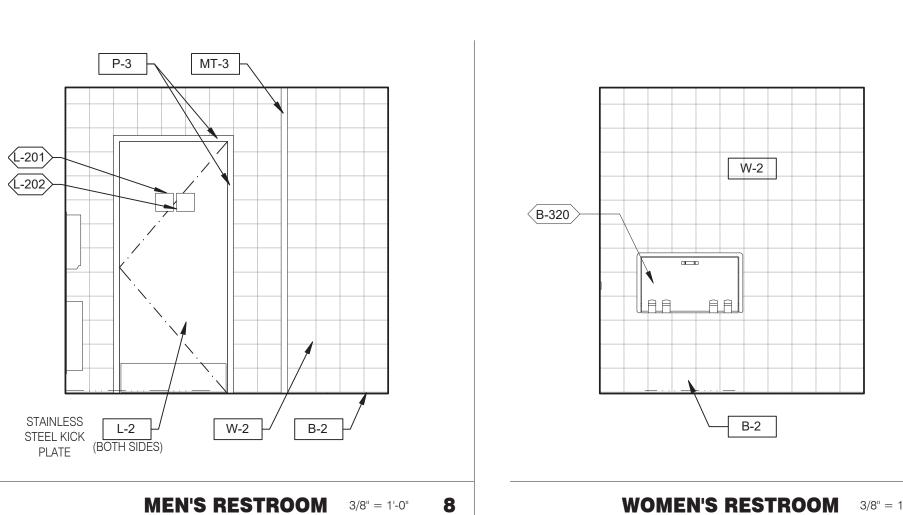
> **GREAT LAKES** TACO, LLC

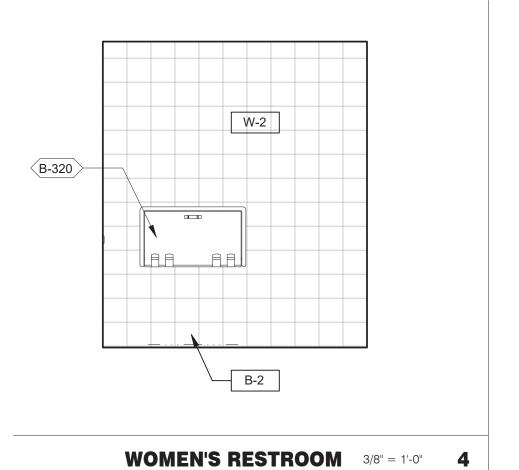
Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 INTERIOR ELEV.

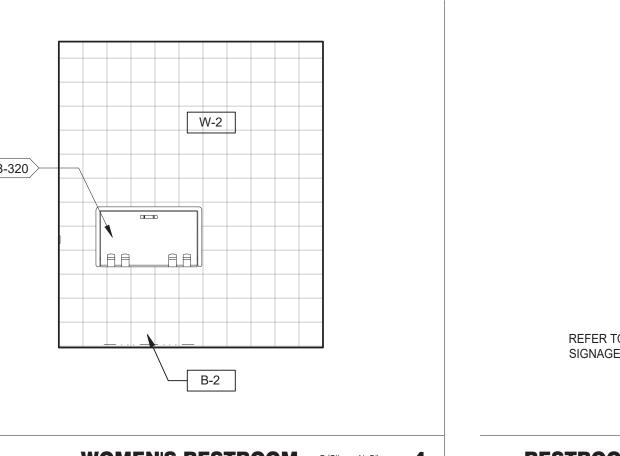
ENLARGED RESTROOMS & OFFICE PLAN





(B-253)

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



REFER TO STANDARD REQUIRED SIGNAGE TABLE ON SHEET 3/G4.0.

RESTROOM SIGNAGE

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.

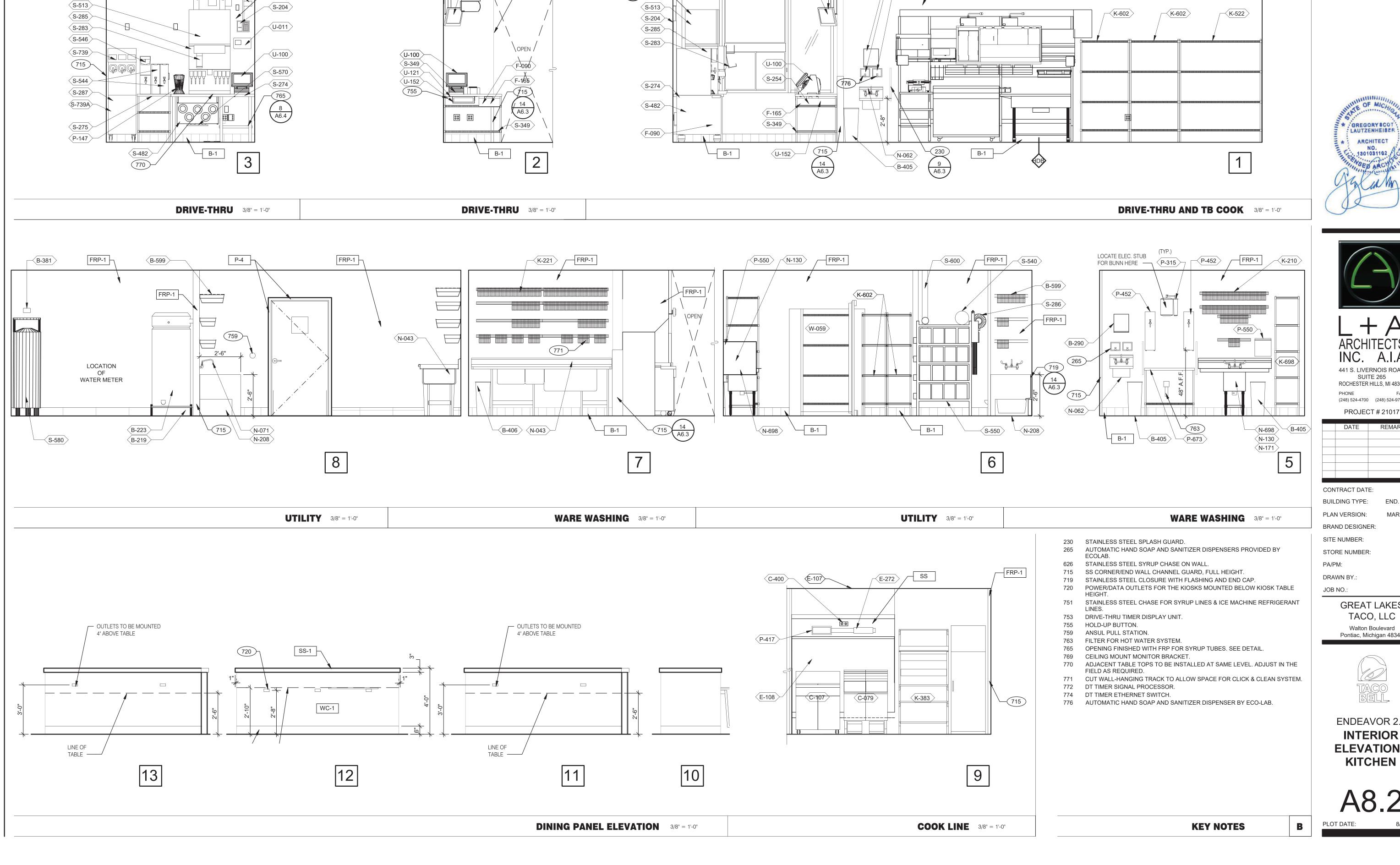
TECH-IN-A-BOX (WALL MOUNT RACK ENCLOSURE CABINETS): REFER TO SHEET E3.1. GC

UNDER COUNTER KEYBOARD TRAY.

DUCT SMOKE DETECTOR RESET SWITCH.

TO PROVIDE BLOCKING WHERE REQUIRED.

KEYNOTES



B-290 B-251 B-241

FRP-1

11 A6.4 626 S-600

753 774 772

769 U-239 U-083

FRP-1

10 A6.4 751





ARCHITECTS INC. A.I.A

441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307

(248) 524-4700 (248) 524-9746

PROJECT # 21017										
DATE	DEMARKO									
DATE	REMARKS									

315286

CONTRACT DATE: BUILDING TYPE: END. MED 40

MARCH 2021 PLAN VERSION: BRAND DESIGNER:

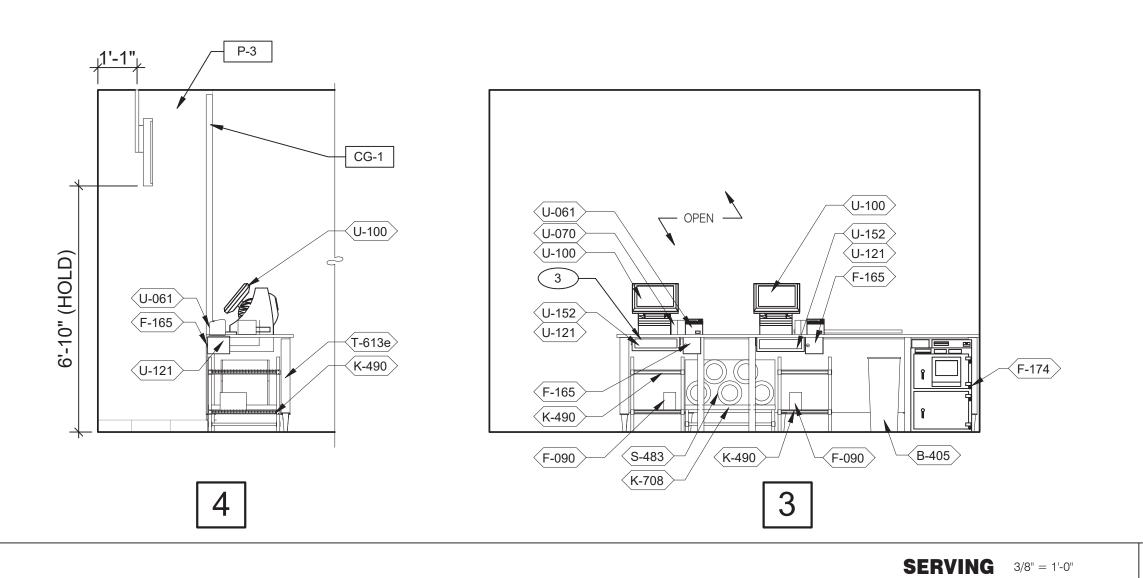
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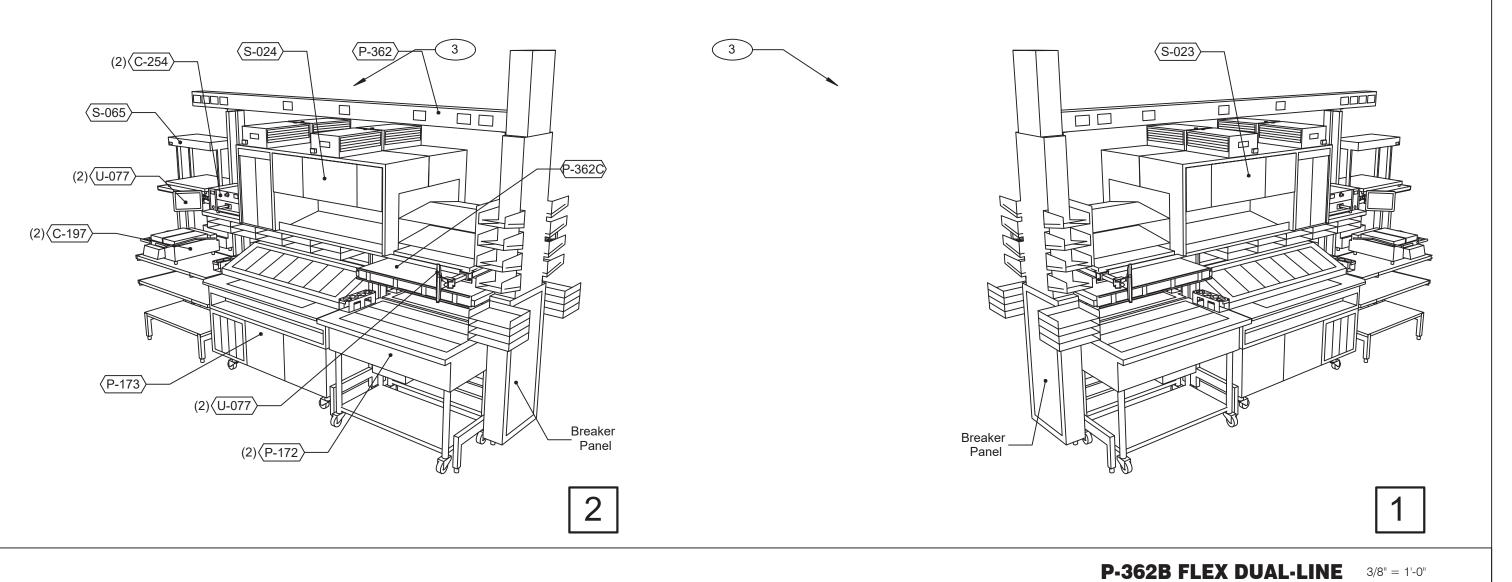
PA/PM: DRAWN BY.:

> **GREAT LAKES** TACO, LLC

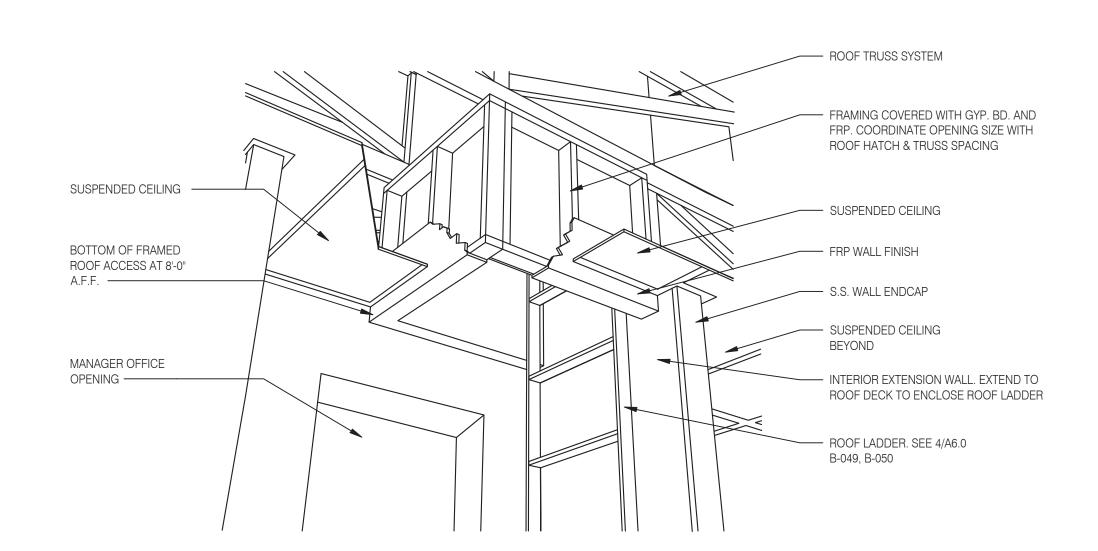
Walton Boulevard Pontiac, Michigan 48340

ENDEAVOR 2.0 INTERIOR ELEVATIONS

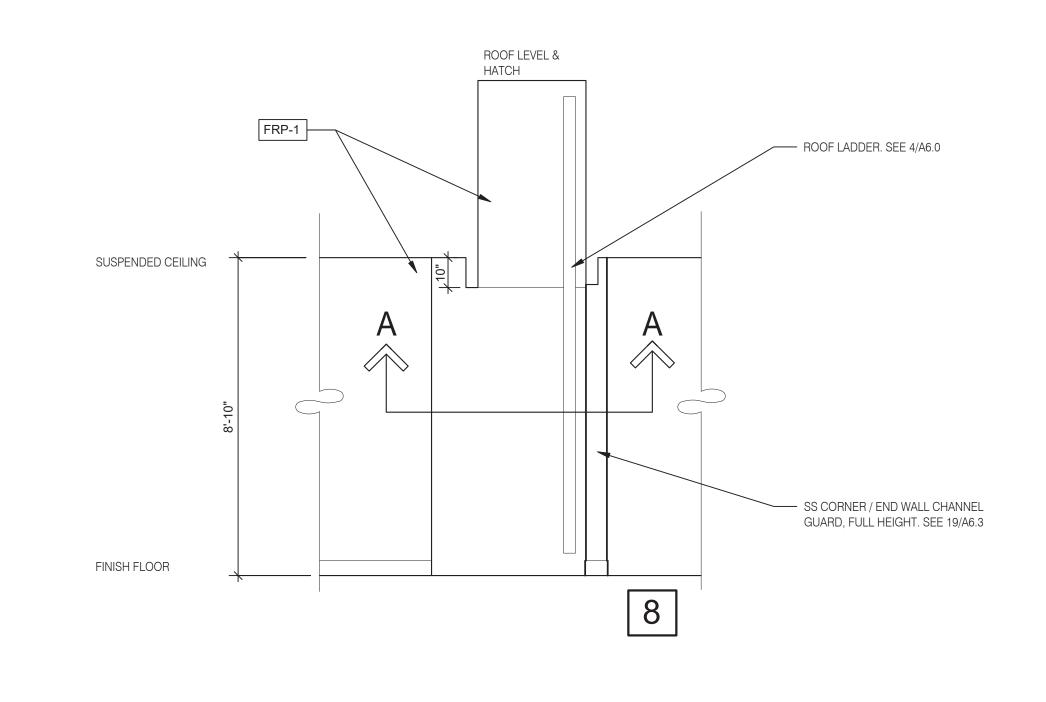




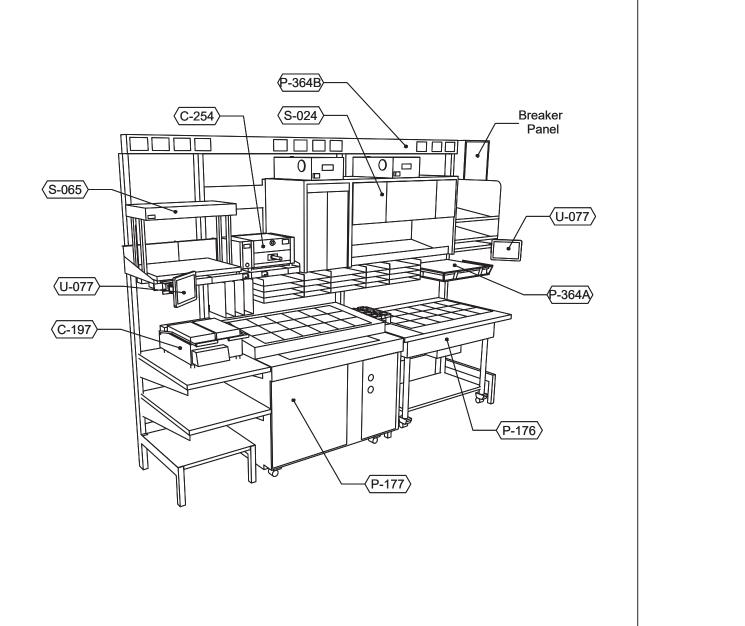


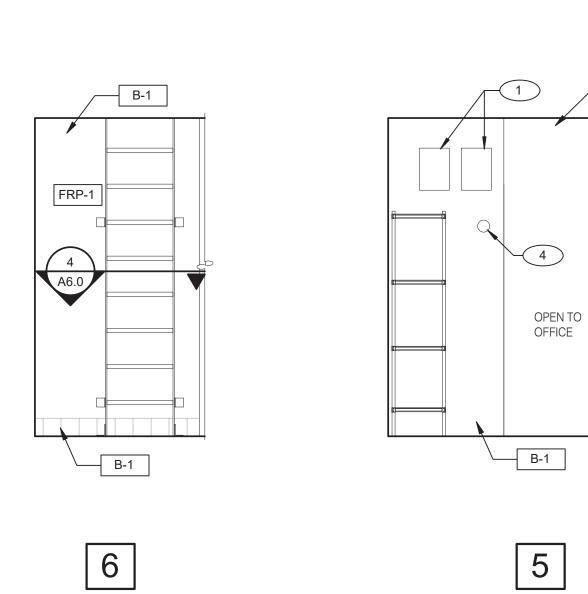






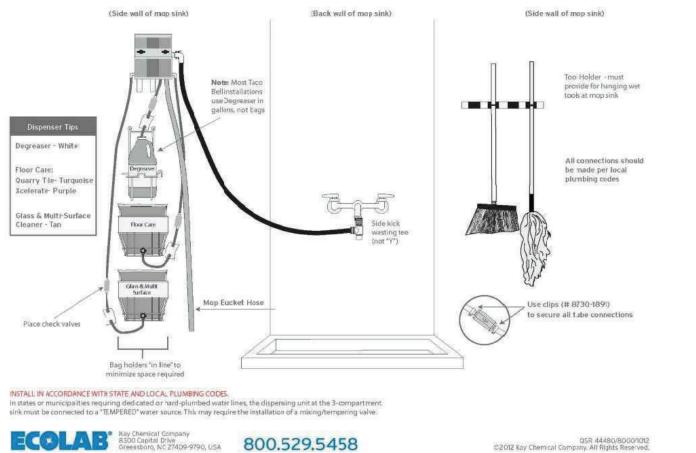
ROOF ACCES PASSAGEWAY 3/8" = 1'-0" B





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

> Taco Bell Mop Sink Installation (Side wall of mop sink)



QSR 44480/8000/1012 ©2012 Kay Chemical Company, All Rights Reserved. **MOP SINK INSTALLATION** FAN MOTOR STARTERS, SURFACE MOUNTED. TYP. OF 2.

HOLD-UP BUTTON. UTILITY CHASE.

TEMPERATURE SENSOR. SEE MECHANICAL DRAWINGS.

STORAGE 3/8" = 1'-0"





441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307

(248) 524-4700 (248) 524-9746

PROJECT # 21017

PROJECT # 21017												
_	DATE REMARKS											
	Ditte Relivitio											
CON	TRACT DAT	E:										

BUILDING TYPE: END. MED 40 MARCH 2021 PLAN VERSION:

BRAND DESIGNER: SITE NUMBER: STORE NUMBER:

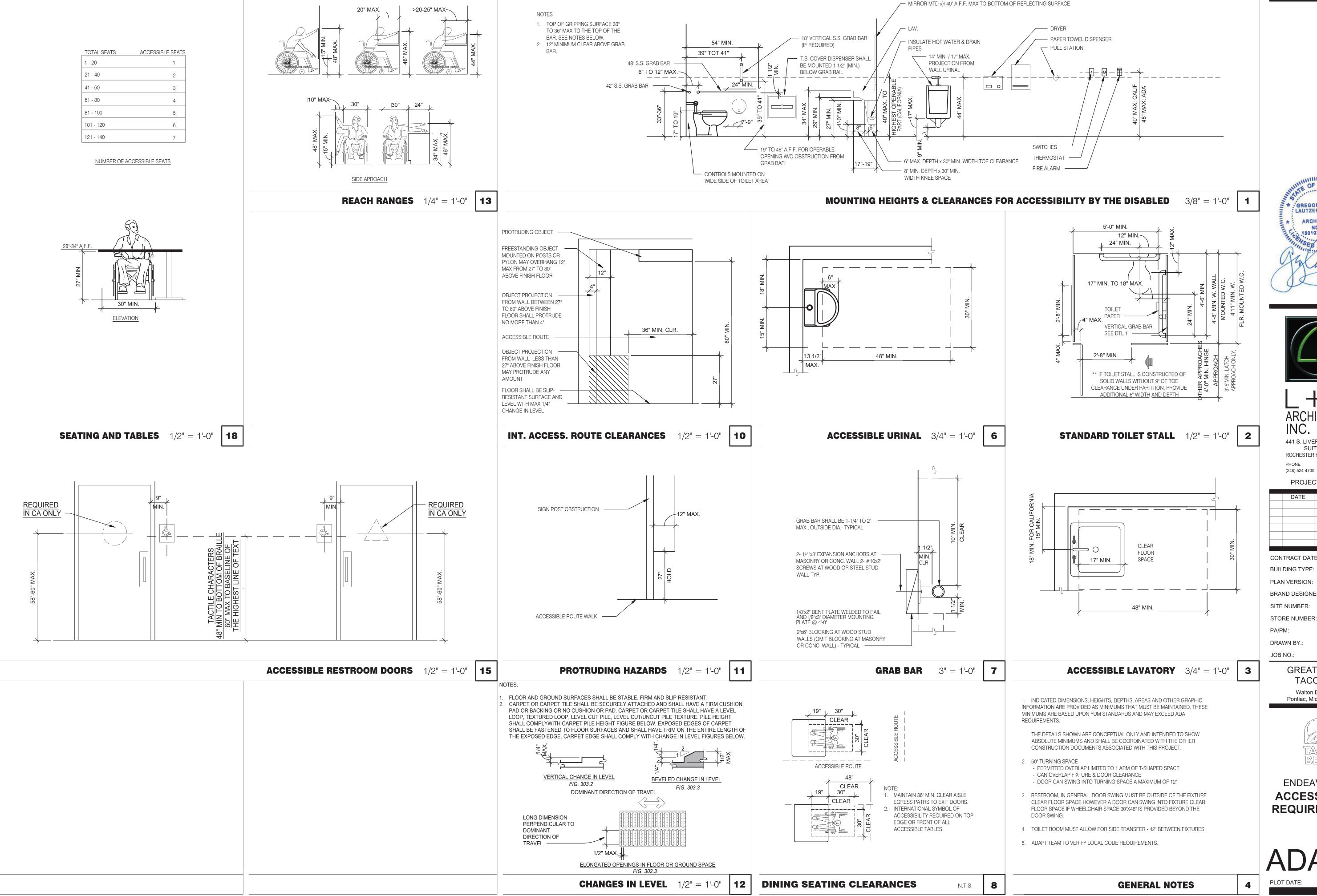
> PA/PM: DRAWN BY.: JOB NO.:

> > **GREAT LAKES** TACO, LLC Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 **INTERIOR ELEVATIONS KITCHEN**

C **KEYNOTE**







INC. A.I.A 441 S. LIVERNOIS ROAD

SUITE 265 ROCHESTER HILLS, MI 48307

(248) 524-4700 (248) 524-9746

	PROJEC	CT # 21017									
	DATE	REMARKS									
CON	CONTRACT DATE:										

CONTRACT DATE: BUILDING TYPE: END. MED 40

MARCH 2021 BRAND DESIGNER: 315286

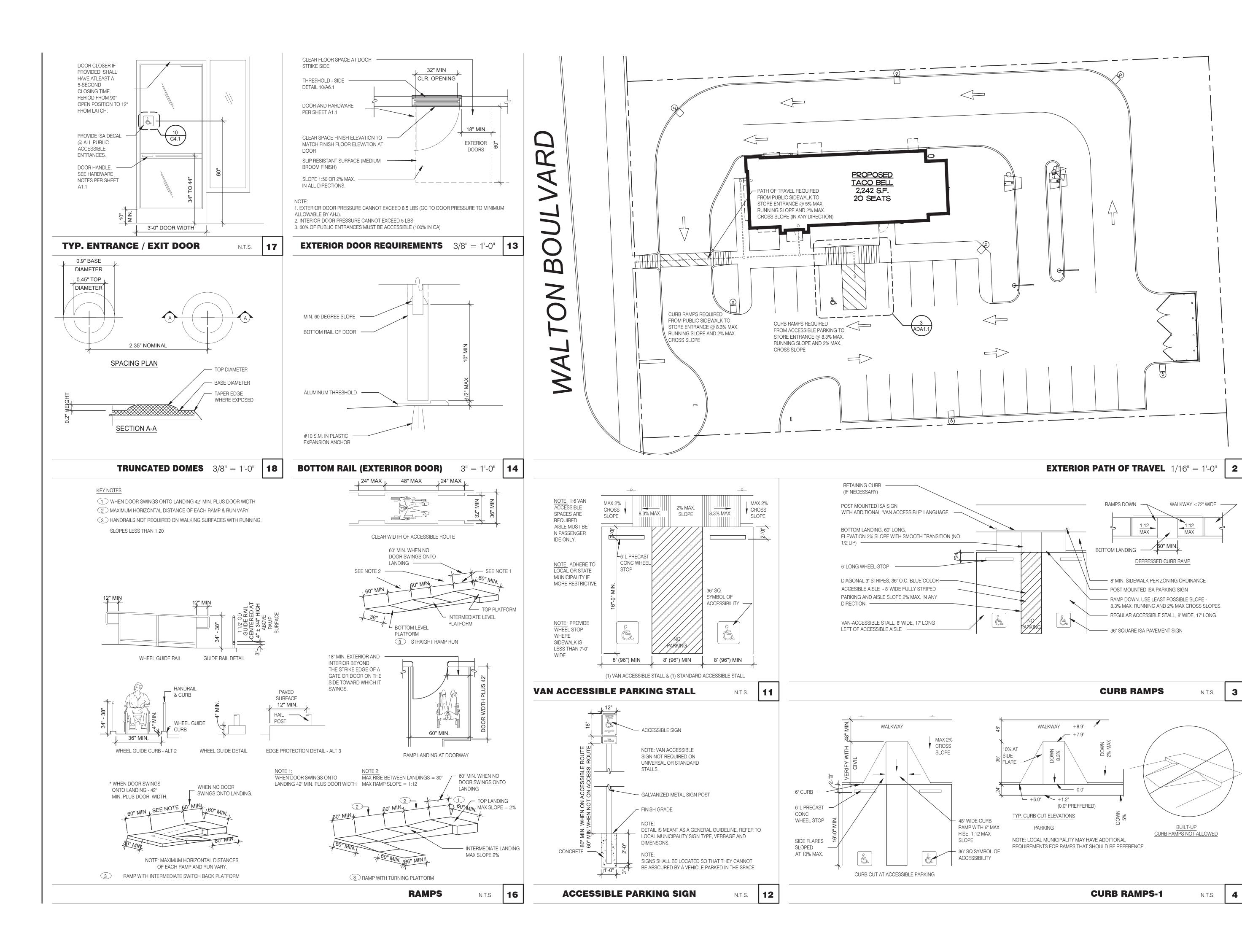
STORE NUMBER:

GREAT LAKES TACO, LLC

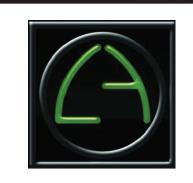
Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 ACCESSIBILITY REQUIREMENTS







INC. A.I.A 441 S. LIVERNOIS ROAD SUITE 265

ROCHESTER HILLS, MI 48307 (248) 524-4700 (248) 524-9746

PROJE	CT # 21017
DATE	REMARKS

CONTRACT DATE: BUILDING TYPE: END. MED 40 PLAN VERSION: MARCH 2021 BRAND DESIGNER:

315286

SITE NUMBER: STORE NUMBER:

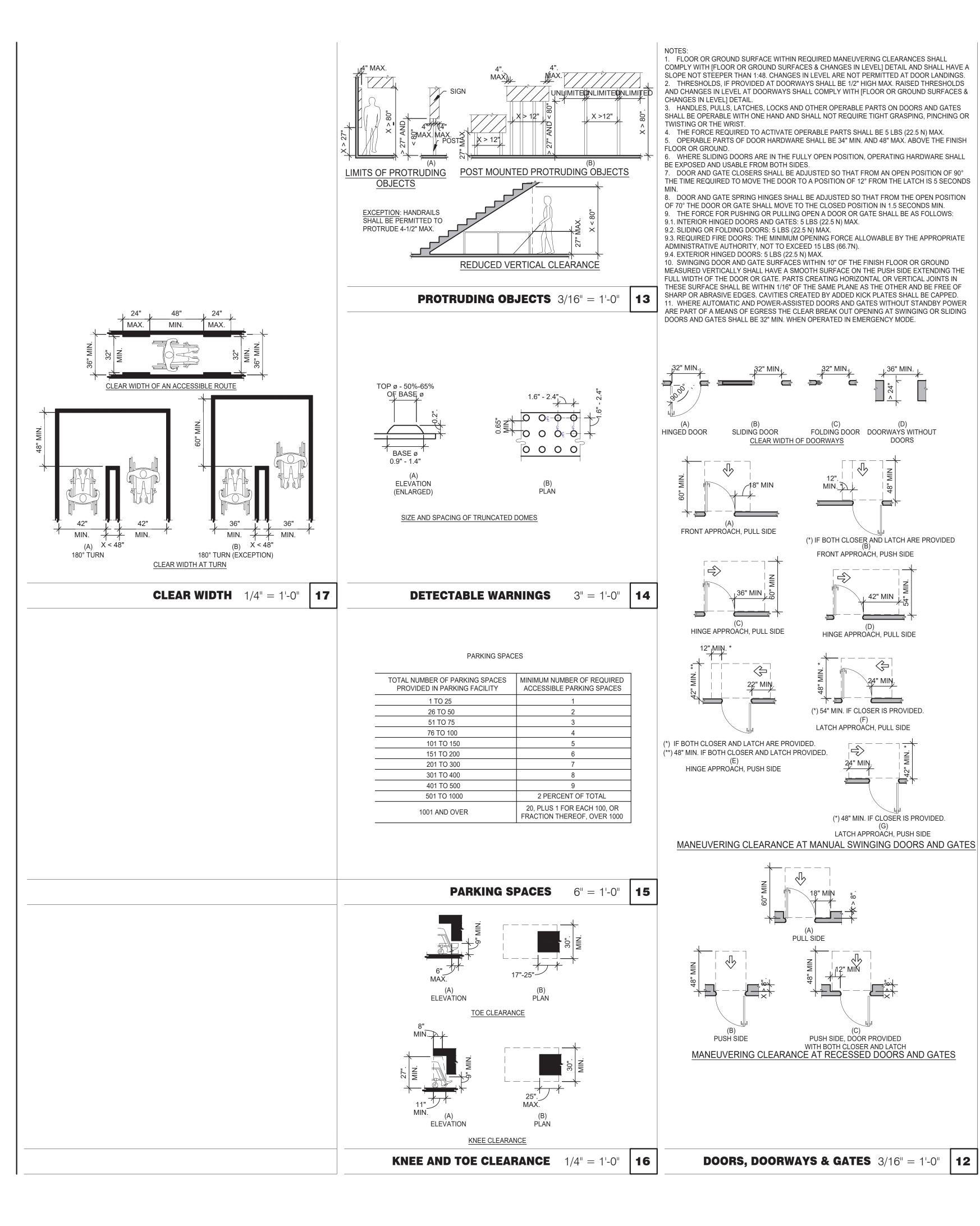
PA/PM: DRAWN BY.: JOB NO.:

3

GREAT LAKES TACO, LLC Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 ACCESSIBILITY REQUIREMENTS

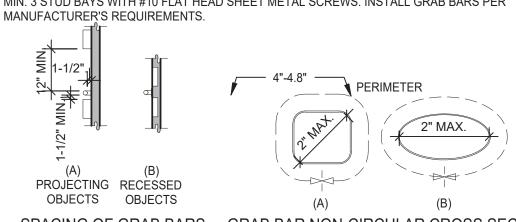


CIRCULAR CROSS SECTION. GRAB BARS WITH CIRCULAR CROSS SECTIONS SHALL HAVE AN OUTSIDE DIAMETER OF 1-1/4 INCHES MINIMUM AND 2 INCHES MAXIMUM.

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



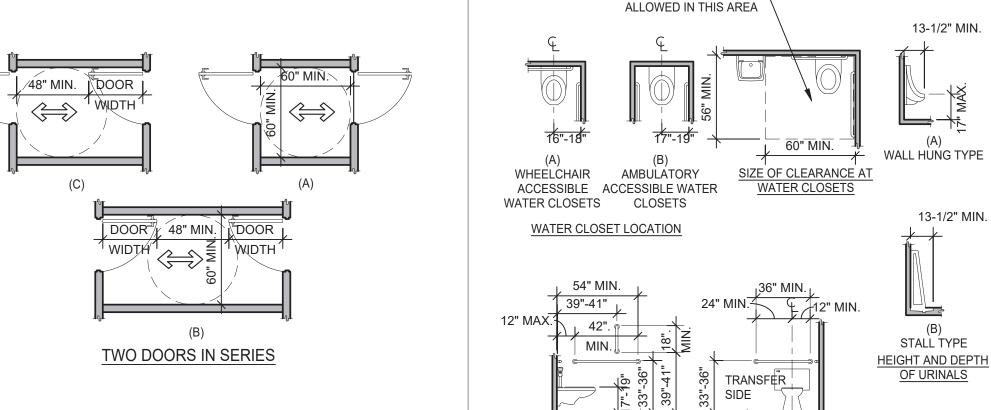
GRAB BAR NON-CIRCULAR CROSS SECTION **SPACING OF GRAB BARS**

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

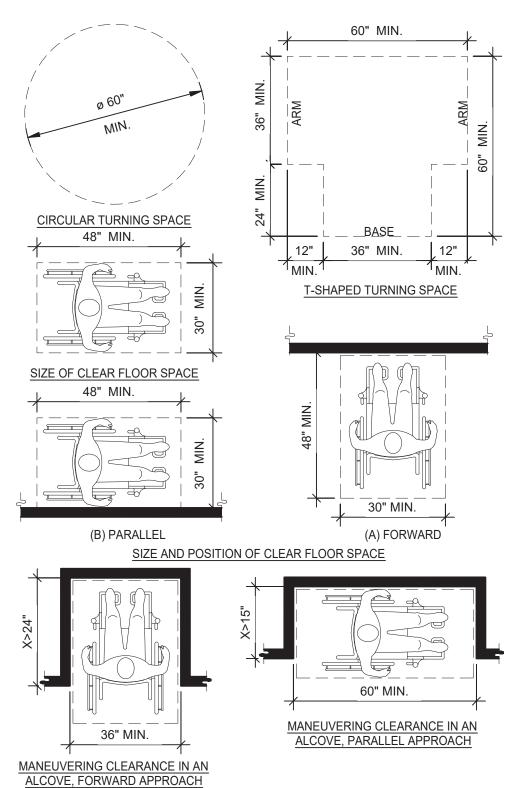
ACCESSIBILITY NOTES

- 1. "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 REQUIREMENTS.
- 3. THE GENERAL CONTRACTOR SHALL BECOME FAMILIAR WITH THE ACCESSIBILITY GUIDELINES AND CODES.
- 4. ANY DISCREPANCY CONTAINED HEREIN DOES NOT RELIEVE THE GENERAL CONTRACTOR OR OWNER FROM COMPLYING WITH THE ACCESSIBILITY GUIDELINES AND CODES.
- 5. ADAPT TEAM TO VERIFY LOCAL CODE REQUIREMENTS.

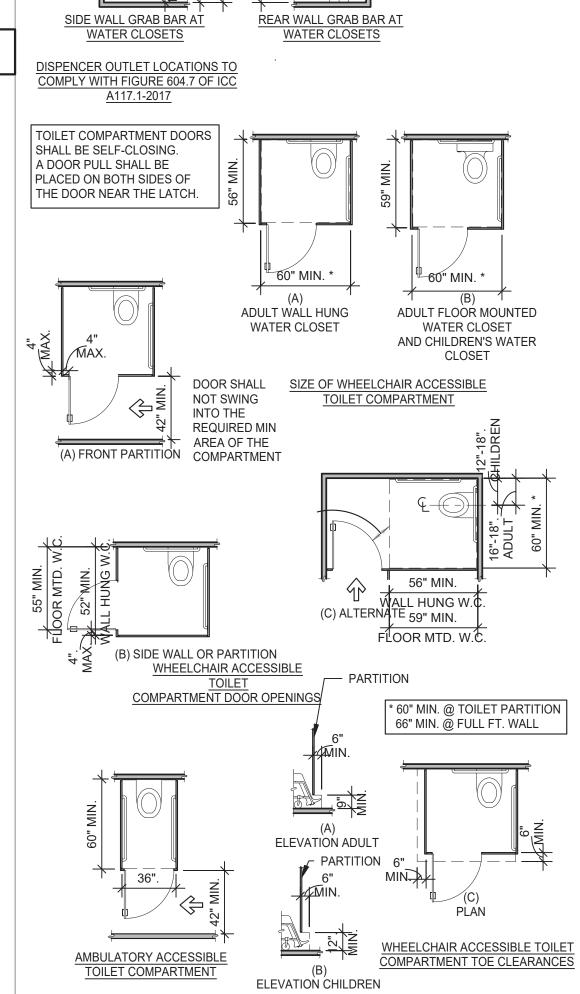
OTHER FIXTURES NOT







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



WC AND TOILET COMPARTMENTS 3/16'' = 1'-0''



13-1/2" MIN.

WALL HUNG TYPE

STALL TYPE

OF URINALS

13-1/2" MIN.



INC. A.I.A 441 S. LIVERNOIS ROAD SUITE 265

ROCHESTER HILLS, MI 48307 PHONE (248) 524-4700 (248) 524-9746

PROJECT # 21017 DATE REMARKS

CONTRACT DATE: BUILDING TYPE: END. MED 40 PLAN VERSION: MARCH 2021 BRAND DESIGNER:

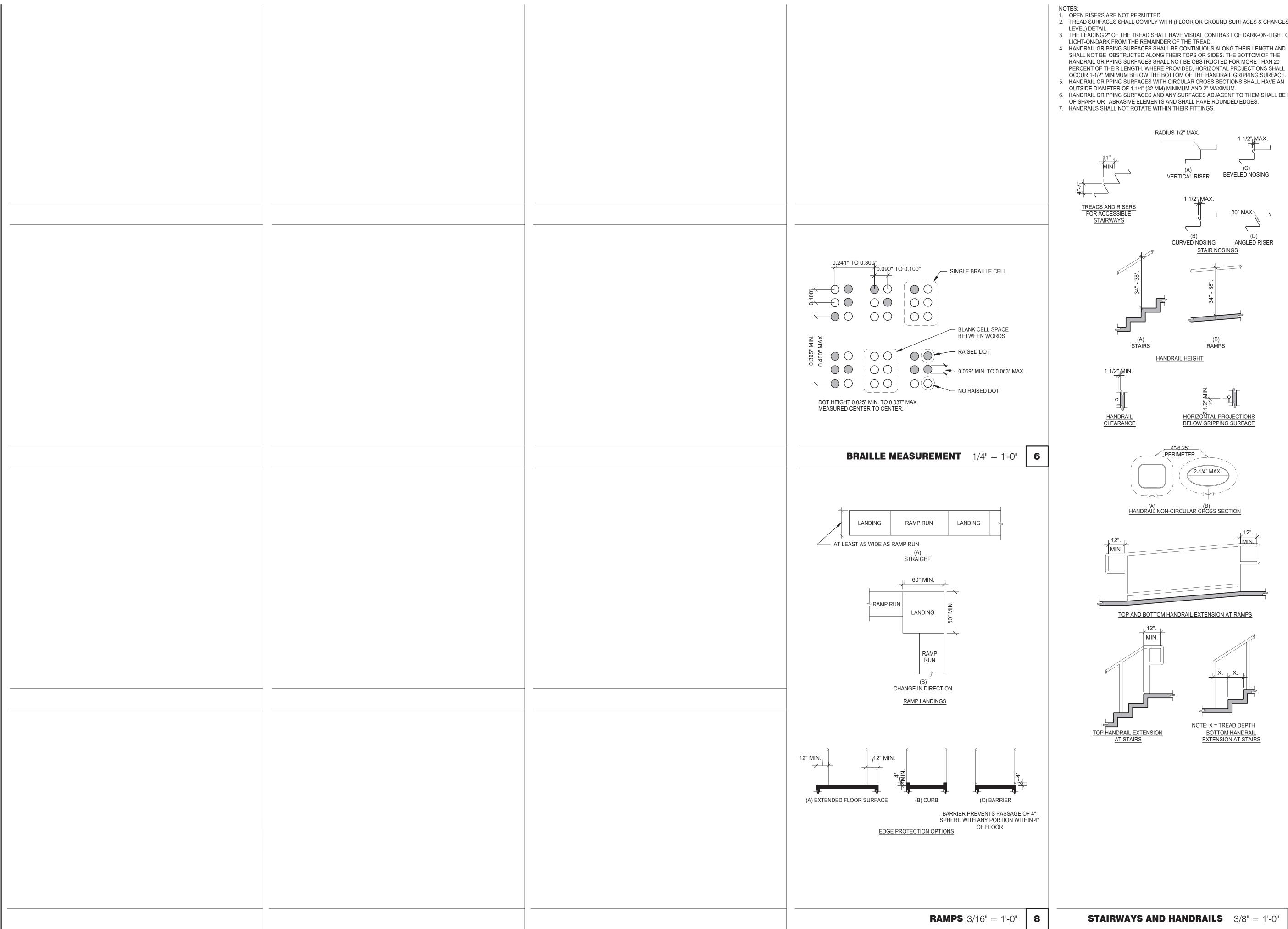
SITE NUMBER: STORE NUMBER:

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

> **GREAT LAKES** TACO, LLC Walton Boulevard Pontiac, Michigan 48340

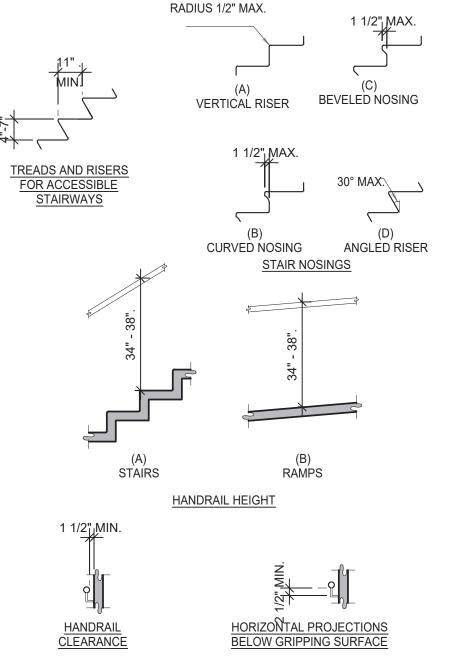


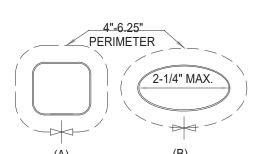
ENDEAVOR 2.0 ACCESSIBILITY REQUIREMENTS



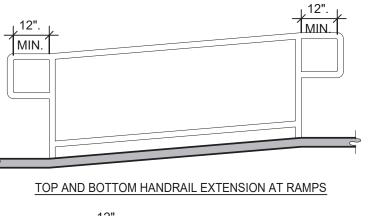
1. OPEN RISERS ARE NOT PERMITTED. 2. TREAD SURFACES SHALL COMPLY WITH (FLOOR OR GROUND SURFACES & CHANGES IN LEVEL) DETAIL. 3. THE LÉADING 2" OF THE TREAD SHALL HAVE VISUAL CONTRAST OF DARK-ON-LIGHT OR

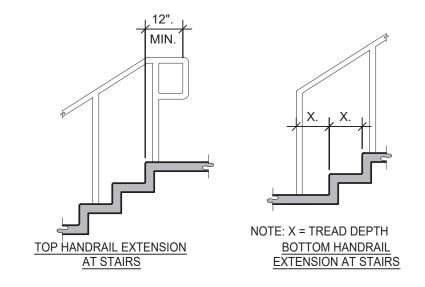
- LIGHT-ON-DARK FROM THE REMAINDER OF THE TREAD. 4. HANDRAIL GRIPPING SURFACES SHALL BE CONTINUOUS ALONG THEIR LENGTH AND SHALL NOT BE OBSTRUCTED ALONG THEIR TOPS OR SIDES. THE BOTTOM OF THE
- HANDRAIL GRIPPING SURFACES SHALL NOT BE OBSTRUCTED FOR MORE THAN 20 PERCENT OF THEIR LENGTH. WHERE PROVIDED, HORIZONTAL PROJECTIONS SHALL OCCUR 1-1/2" MINIMUM BELOW THE BOTTOM OF THE HANDRAIL GRIPPING SURFACE.
- OUTSIDE DIAMETER OF 1-1/4" (32 MM) MINIMUM AND 2" MAXIMUM. 6. HANDRAIL GRIPPING SURFACES AND ANY SURFACES ADJACENT TO THEM SHALL BE FREE
- OF SHARP OR ABRASIVE ELEMENTS AND SHALL HAVE ROUNDED EDGES. 7. HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS.





(A) HANDRAIL NON-CIRCULAR CROSS SECTION







PA/PM: DRAWN BY.:

JOB NO.: **GREAT LAKES**

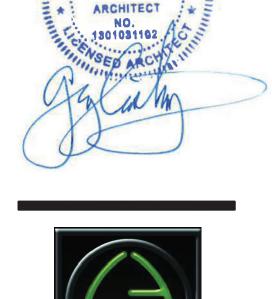
Walton Boulevard



ENDEAVOR 2.0 ACCESSIBILITY REQUIREMENTS

ADA1.3

STAIRWAYS AND HANDRAILS 3/8" = 1'-0" 4



* GREGORY SCOT LAUTZENHEISER :



TACO, LLC Pontiac, Michigan 48340

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

SYMBOL & ABBREV

- 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 SPECIFICATIONS.
- 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.

DESCRIPTION

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.

	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
→	CD/SR	CEILING DIFFUSER/SUPPLY REGISTER		СВ	CIRCUIT BREAKER
	00/011	(ARROWHEAD REPRESENTS NUMBER OF THROW)		CLG.	CEILING
	RR/RG	RETURN REGISTER/GRILLE		CONN.	CONNECT/CONNECTION
	ER/EG	EXHAUST REGISTER/GRILLE		CONT.	CONTINUATION
	1			CFM	CUBIC FEET PER MINUTE
	FLEX	FLEXIBLE DUCT (14'-0" MAXIMUM)		DISC.	DISCONNECT
\vdash		ROUND DUCT ELBOW		EA	EXHAUST AIR
			<u> </u>		
		ROUND DUCTWORK		EF	EXHAUST FAN
			(F)		FXISTING

SYMBOL & ABBREV.

	EA/EXH	EXHAUST AIR DUCT (RISE/DROP)	В	BDD	BACK DRAFT DAMPER
→	CD/SR	CEILING DIFFUSER/SUPPLY REGISTER	(СВ	CIRCUIT BREAKER
Y	02/011	(ARROWHEAD REPRESENTS NUMBER OF THROW)	С	CLG.	CEILING
	RR/RG	RETURN REGISTER/GRILLE	CC	ONN.	CONNECT/CONNECTION
	ER/EG	EXHAUST REGISTER/GRILLE	CC	ONT.	CONTINUATION
	FLEX	FLEXIBLE DUCT (14'-0" MAXIMUM)	С	CFM	CUBIC FEET PER MINUTE
	FLEX	ROUND DUCT ELBOW	DI	ISC.	DISCONNECT
		NOOND DOCT ELBOW	E	EA	EXHAUST AIR
		ROUND DUCTWORK	· ·	EF	EXHAUST FAN
		ROUND DUCTWORK	(E)		EXISTING
	MOD	MANUAL VOLUME DAMPED		GA.	GAGE/GAUGE
<u> </u>	MCD	MANUAL VOLUME DAMPER		GC	GENERAL CONTRACTOR
 		DUCT TRANSITION (RECTANGULAR TO ROUND)	HVAC		HEATING, VENTILATING, AND AIR CONDITIONING
	TOTAT	DDOODAMAADI E THEDMOOTAT DDOVIDED WITH HIVAO DAOKAGE	M	1FR.	MANUFACTURER
(TS)	T-STAT	PROGRAMMABLE THERMOSTAT, PROVIDED WITH HVAC PACKAGE	ME	ECH.	MECHANICAL
\longrightarrow		THERMOSTAT SENSOR (REMOTE), PROVIDED WITH HVAC PACKAGE		OA	OUTSIDE AIR
(H)		HUMIDITY SENSOR (REMOTE), PROVIDED WITH HVAC PACKAGE	С	OBD	OPPOSED BLADE DAMPER
SD		SMOKE DETECTOR, PROVIDED WITH HVAC PACKAGE, MOUNTED IN UNIT	F	RA	RETURN AIR
D	D	CONDENSATE DRAIN		SA	SUPPLY AIR
Ø	DIA.	DIAMETER	S	S/S	STAINLESS STEEL
			Т	YP.	TYPICAL
(0000 X-X)		MECHANICAL EQUIPMENT DESIGNATION			
R	RESET	SMOKE DETECTOR RESET			

MECHANICAL SYMBOLS

	FAN DATA			COOLING CAPACITY			HEATING CAPACITY			ELECTRICAL DATA										
									MIN CAP											1
		AREA	SUPPLY	MIN. OA				NOMINAL	(MBH)			OUTPUT	HEATING		VOLTS/			WEIGHT	LENNOX	1
	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
GREEN	RTU-1	DINING	2800	660	0.8	2	872	7.5	90.0/57.3	12.2	240	192	2	80	208/3	45	50	1336	LGH092H4M	1-14
	RTI I-2	KITCHEN	6800	1050	1.0	5	1156	17.5	100 8/138 0	12.0	360	288	2	80	208/3	87	100	2560	LGH210H4B	1_1/

SCHEDULE NOTES:

Mark

6

1050

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

DESCRIPTION

- 1. LISTED CAPACITY IS UNIT NET COOLING CAPACITY AT THE FOLLOWING CONDITIONS: RTU-1 80.6°F DB / 67.1°F WB EAT AND 105°F AMBIENT / RTU-2 78.0°F DB / 66.3°F WB EAT AND 105°F AMBIENT. OUTDOOR DESIGN CONDITION, SUMMER 87°F & 74°F WB, WINTER -10°F. THERMOSTAT SHALL BE PROGRAMMED FOR 73°F IN SUMMER AND 68°F IN WINTER WITH 2°F ADJ. FUNCTION UP OR DOWN. UNOCCUPIED HEATING SET POINT SHALL BE SET TO THE STORE SCHEDULE AND 60°F MINIMUM. SPECIFIED UNITS INCLUDE MINIMUM 2 STAGE COOLING FOR RTU-1 AND 3 STAGE COOLING FOR RTU-2, 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 FILTERS (FACTORY PROVIDED).
- 4. SINGLE ENTHALPY ECONOMIZER WITH WEATHER HOOD (FACTORY PROVIDED). 5. LOW LEAKAGE ECONOMIZER WITH FAULT DETECTION (FACTORY PROVIDED).
- 6. STANDARD STATIC POWER RELIEF/W HOOD (FACTORY PROVIDED).
- 7. CIRCUIT BREAKER DISCONNECT SWITCH (FACTORY PROVIDED).
- 8. RETURN AIR SMOKE DETECTOR (FACTORY PROVIDED). 9. STANDARD CAP. (FACTORY PROVIDED).
- 10. PHASE MONITOR (FACTORY PROVIDED)
- 11. MULTI-STAGE AIR VOLUME (FACTORY PROVIDED).

CFM | ESP | RPM | HP |

0.9 | 1344 |

570 | 0.375 | 1025 | 1/4 | 120/1

- 12. 18" ROOF CURB (FIELD INSTALLED).
- 13. COMFORT SENSE CS8500 THERMOSTAT AND REMOTE SENSOR (FIELD INSTALLED).

VOLTS/PH

120/1

1/2

DRIVE TYPE

DIRECT

DIRECT

14. GFCI SERVICE RECEPTACLE (FIELD WIRED, FACTORY INSTALLED).

HVAC UNIT SCHEDULE

- 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
R-2	22"X10"	24"x12"	-	RETURN	500	LAY-IN	ALUMINUM	METAL-AIRE / TITUS	RHE-6/50FF	HINGED/FULLY REMOVABLE FACE
R-3	22"X10"	24"x12"	-	RETURN	400	SURFACE	ALUMINUM	/TITUS	271L	
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 PLASTIC CORE	HART & COOLEY	RZMCDST	FRN SQR TO RND ADAPTER

MODEL

#SVDU50HFA

#SVDR30HFA

MANUFACTURER

STRATOVENT

STRATOVENT

NOTES

1.3.5.6.7.8.10

2,4,7,8,9,10,11

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

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	660	2140	2800		+660
RTU-2	1050	5750	6800		+1050
TOTAL	1710	7890	9600	-1620	+90

OUTSIDE PERCENTAGE OF TOTAL SUPPLY AIR IS 23.6% FOR RTU-1 AND 15.4% FOR RTU-2. ADJUST OUTSIDE AIR INTAKES TO MAINTAIN VALUES AT ALL EVAPORATOR FAN SPEEDS.

EAM Engineers, Inc.

Phone 248.528.2670 Fax 248.528.1642



441 S. LIVERNOIS ROAD SUITE 265

2

ROCHESTER HILLS, MI 48307 PHONE (248) 524-4700 (248) 524-9746

PROJECT # 21017

1 06-07-22 Review 2 | 08-15-22 | Bids & Permits

CON	ITRACT DAT	E:		
DIIII	DING TYPE		ENID	MED

MARCH 2021

BUILDING TYPE: PLAN VERSION:

BRAND DESIGNER

STORE NUMBER

PA/PM:

DRAWN BY.

3

SITE NUMBER:

JOB NO.:

GREAT LAKES TACO, LLC Walton Boulevard Pontiac, Michigan 48340

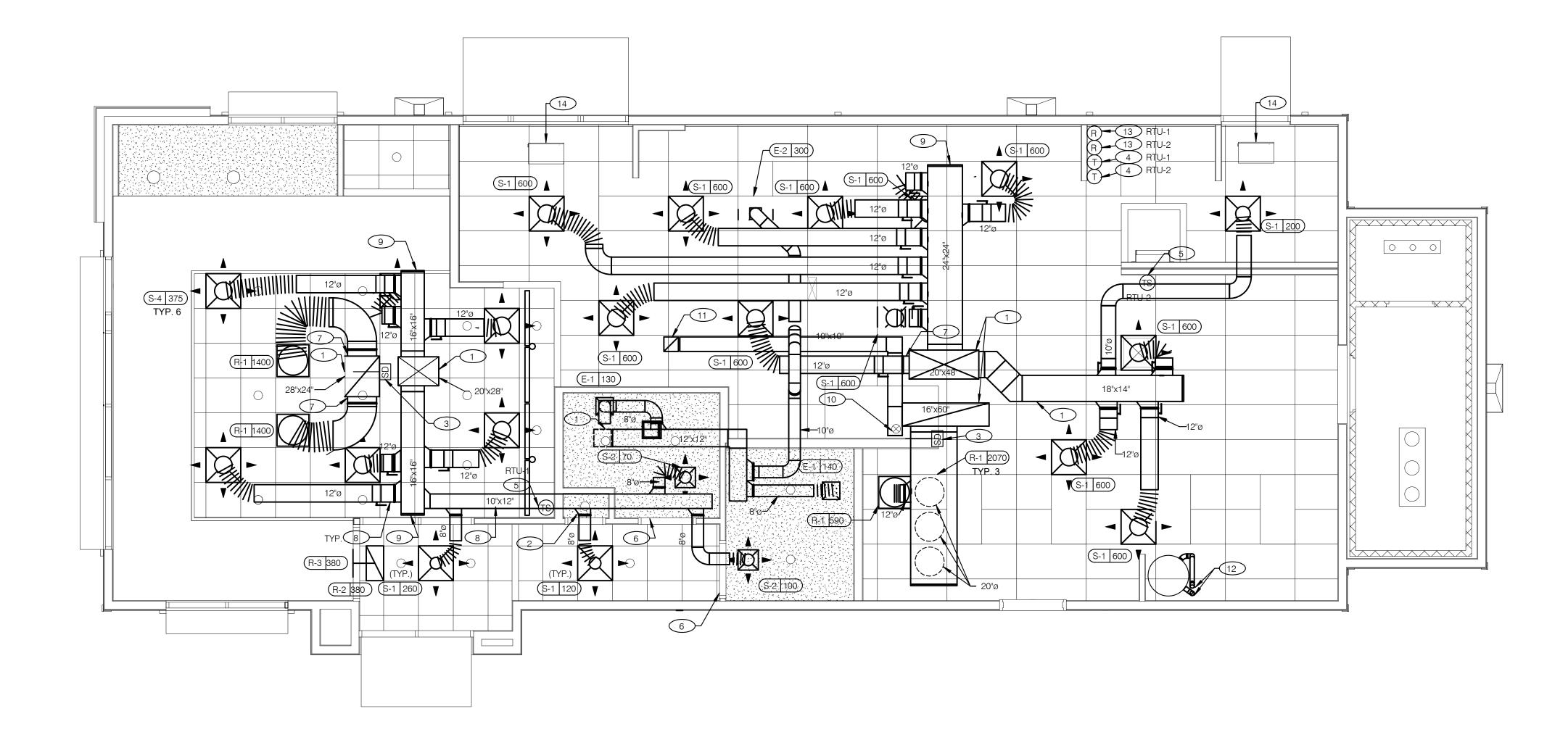


ENDEAVOR 2.0

MECHANICAL SCHEDULES AND NOTES

AIR BALANCE SCHEDULE

HVAC NATIONAL ACCOUNT NOTES



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.

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
- 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 FABRICATION.
- 9 RUN DUCTWORK BETWEEN TRUSSES AS HIGH AS POSSIBLE UNDER ROOF
- 10 10"X10" EXHAUST AIR DUCT DOWN AND TRANSITION TO FIELD CUT EXHAUST CONNECTION AT HOOD.
- (11) 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.

- DUCT AND DIFFUSER PLAN 1/4" = 1'-0"
- PROVIDE 3" PVC WATER HEATER INTAKE AND FLUE VENT. TERMINATION ON ROOF. COORDINATE WORK WITH ALL TRADES.
- 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.
- 14 PROVIDE AIR CURTAIN IN LOCATION AS SHOWN ON PLAN. MOUNT AIR 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.



EAM Engineers, Inc.

Electrical and Mechanical Consulting Engineers



441 S. LIVERNOIS ROAD

SUITE 265 ROCHESTER HILLS, MI 48307

(248) 524-4700 (248) 524-9746

PROJECT # 21017

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BUILDING TYPE: END. MED 40

PLAN VERSION: MARCH 2021

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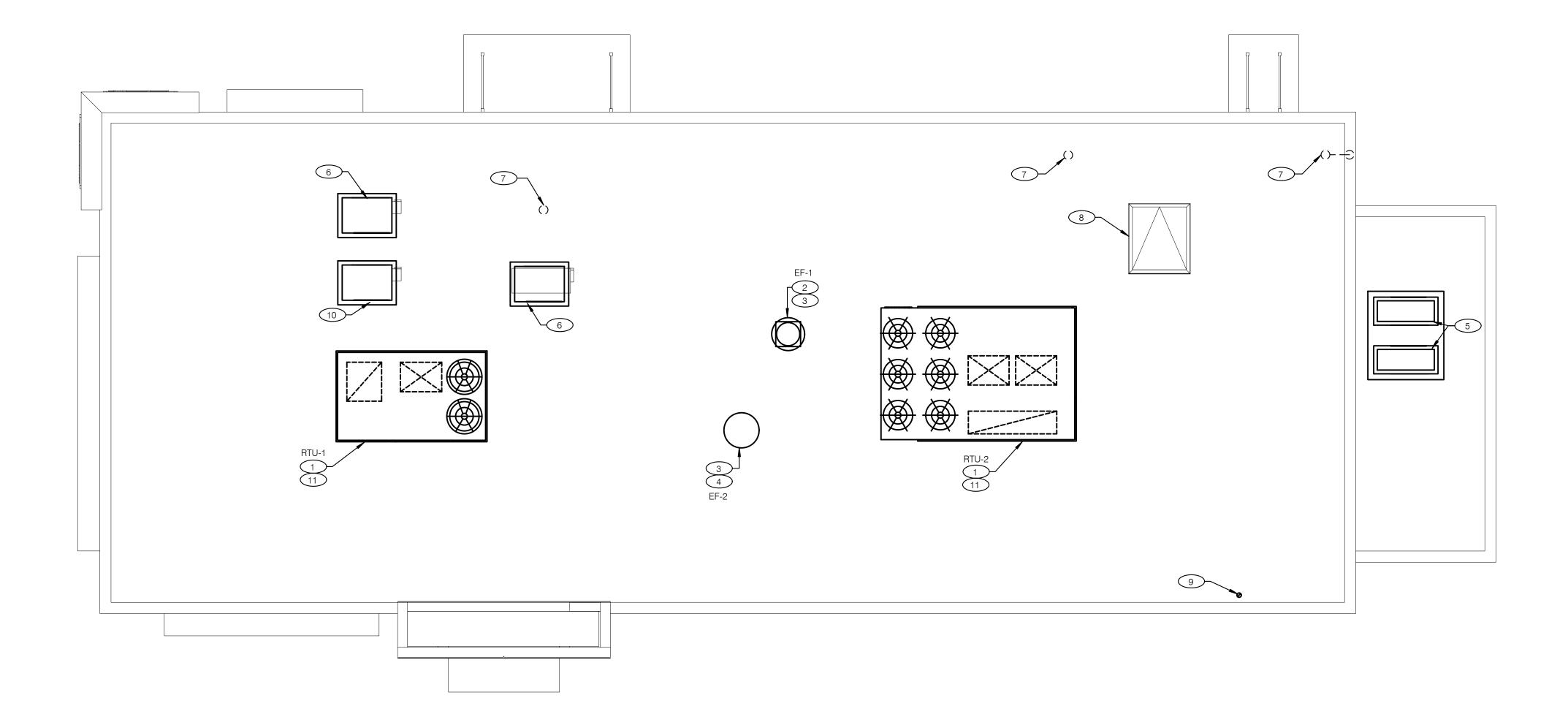
> **GREAT LAKES** TACO, LLC Walton Boulevard

Pontiac, Michigan 48340



ENDEAVOR 2.0 DUCT AND DIFFUSER PLAN

В



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"

- 2 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.

1 PROVIDE RTU IN LOCATION AS SHOWN ON PLANS. COORDINATE EXACT RTU LOCATION

CLEARANCE BETWEEN OUTSIDE AIR INTAKES AND EXHAUST TERMINATIONS.

AND DUCT DROPS WITH STRUCTURAL TRUSS LAYOUT. MAINTAIN MINIMUM 10'-0"

- 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.
- 5 CONDENSING UNIT SERVING WALK-IN COOLER/FREEZER. COORDINATE EXACT LOCATION WITH ROOF LAYOUT. CONTRACTOR TO FIELD VERIFY EXACT REFRIGERANT PIPING. PROVIDE ALL NECESSARY PIPING ACCESSORIES INCLUDING PIPING INSULATION AND INSTALL ON APPROPRIATE EQUIPMENT SUPPORTS.
- 6 CONDENSING UNIT SERVING ICE MAKER. COORDINATE EXACT LOCATION WITH ROOF LAYOUT. CONTRACTOR TO FIELD VERIFY EXACT REFRIGERANT PIPING. PROVIDE ALL NECESSARY PIPING ACCESSORIES INCLUDING PIPING INSULATION AND INSTALL ON APPROPRIATE EQUIPMENT SUPPORTS.
- 7 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.

- (10) 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.
- 11 ALL UTILITY PIPING FOR RTU'S SHALL RUN UP THROUGH ROOF INSIDE EACH UNIT'S ROOF CURB.



EAM Engineers, Inc.

Electrical and Mechanical Consulting Engineers

180 High Oak Road, Bloomfield Hills, MI 48304
Phone 248.528.2670 Fax 248.528.1642



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SUITE 265 ROCHESTER HILLS, MI 48307 PHONE

> (248) 524-4700 (248) 524-9746 PROJECT # 21017

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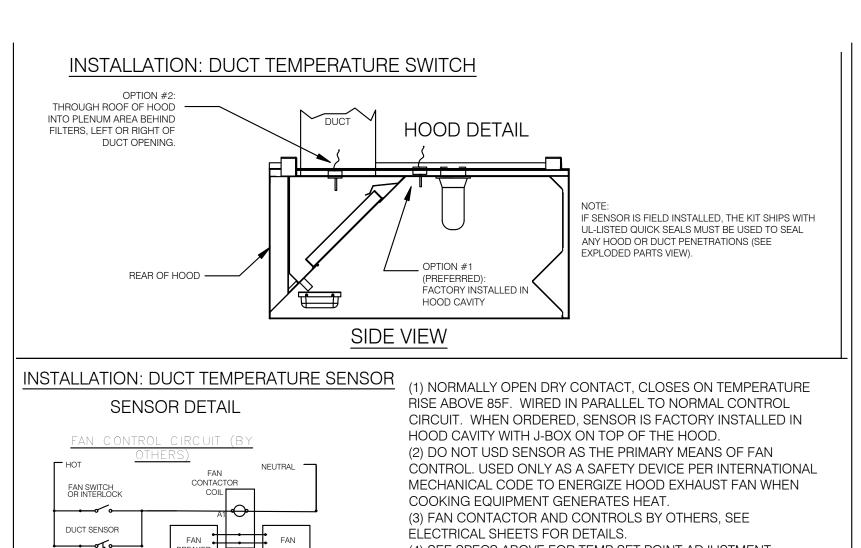
GREAT LAKES TACO, LLC

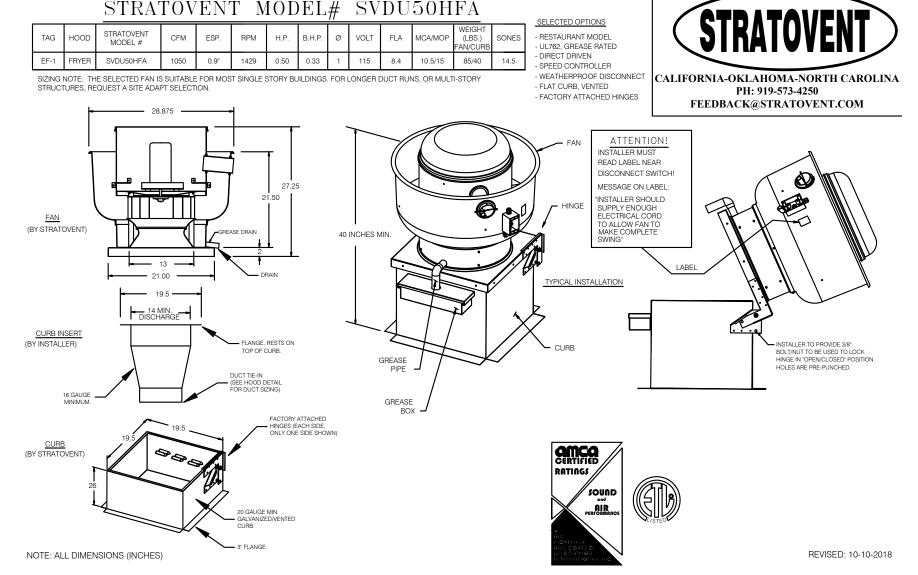
Walton Boulevard Pontiac, Michigan 48340



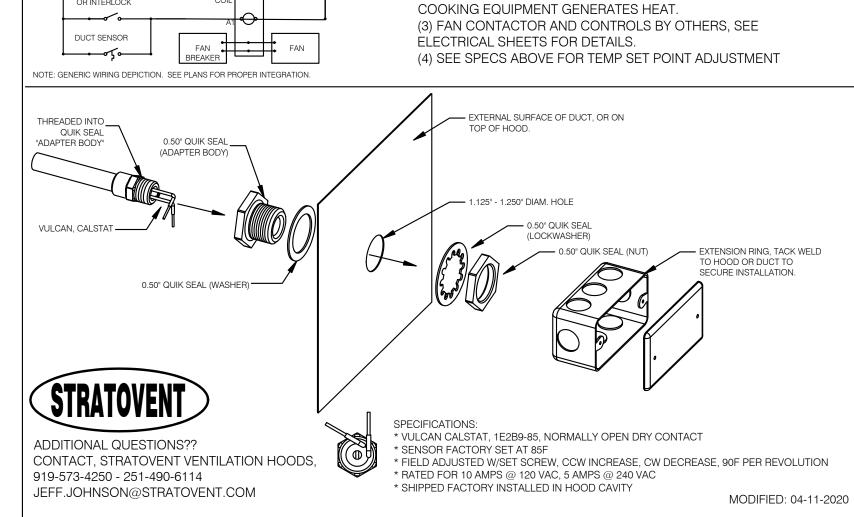
ENDEAVOR 2.0 MECHANICAL ROOF PLAN

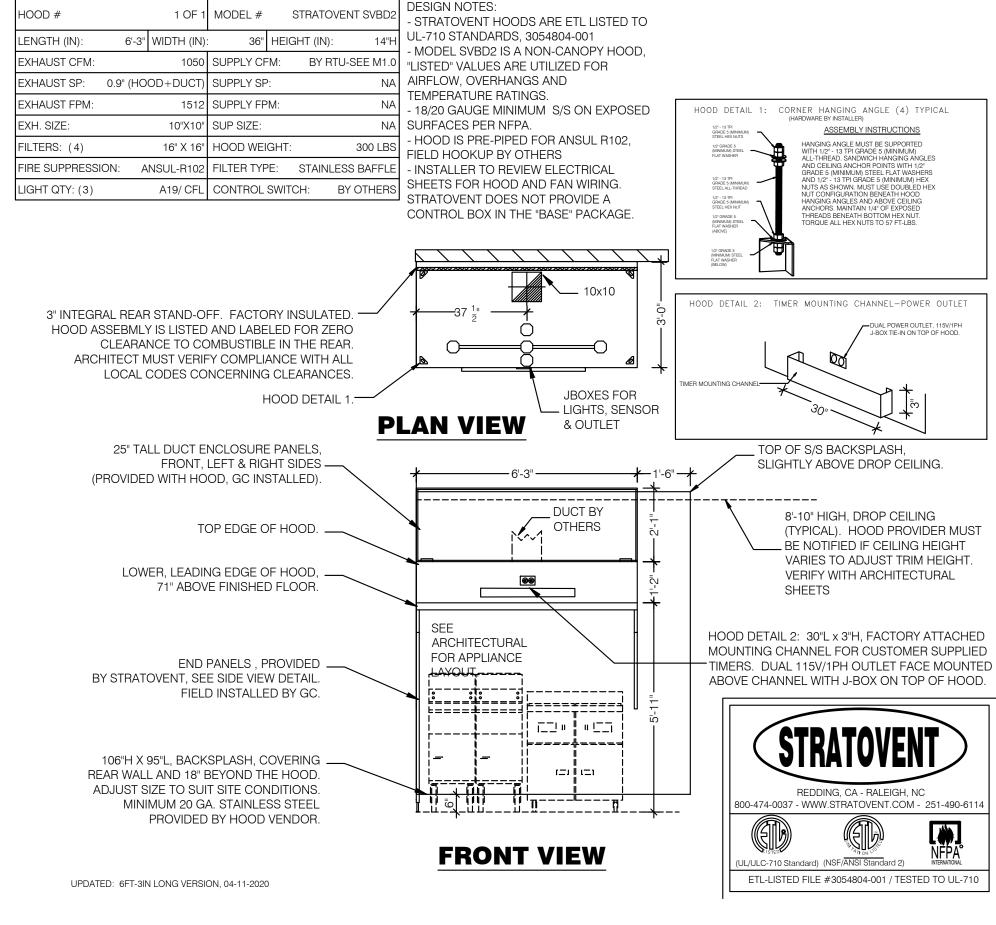
B





HOOD EXHAUST FAN DETAIL NTS







NON-CANOPY HOOD DESIGN BASED ON:

MANUFACTURER: STRATOVENT, MODEL SVBD2

TACO BELL HOOD SECTION 12" = 1'-0"

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EAM Engineers, Inc.

Electrical and Mechanical Consulting Engineers

180 High Oak Road, Bloomfield Hills, MI 48304

Phone 248.528.2670 Fax 248.528.1642

www.eam-engineers.com ■ eam@eam-engineers.com

Job No.: 273-22035

PROJECT # 21017 REMARKS 1 06-07-22 Review 2 | 08-15-22 | Bids & Permits

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JOB NO.: **GREAT LAKES**

TACO, LLC Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 HOOD DETAILS AND SECTIONS

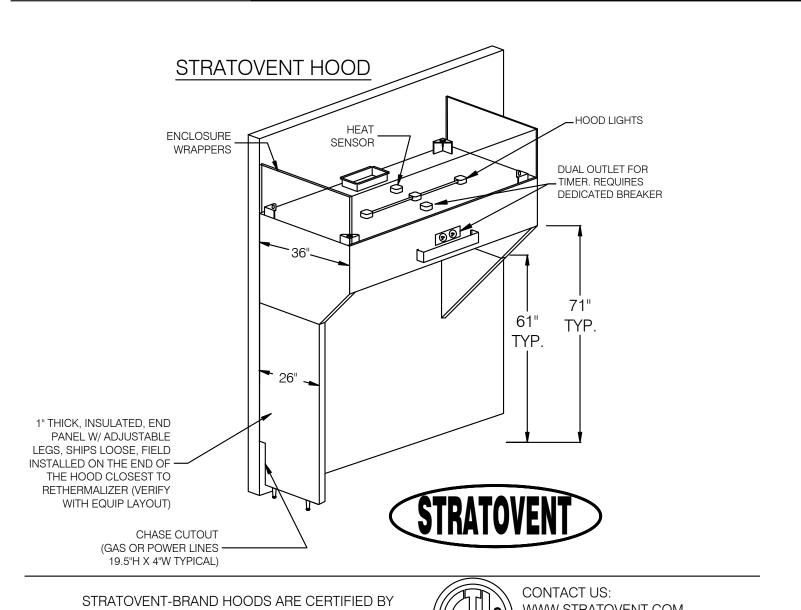
AND NSF STANDARDS. **HOOD ISOMETRIC** 12" = 1'-0"

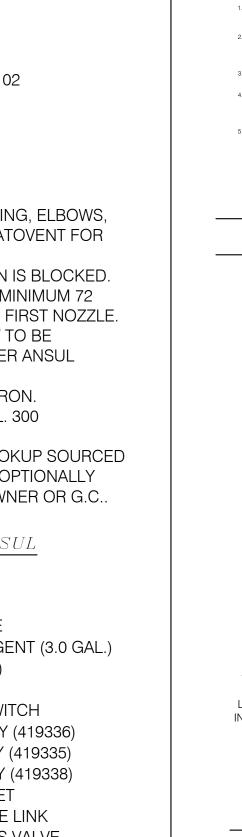
shall bear the NSF Seal of Approval. Hoods shall be listed under UL 710 EXHAUST HOODS FOR COMMERCIAL COOKING EQUIPMENT, Certified by ETL under FILE# 3054804-001. THIS HOOD DESIGN IS BASED UPON STRATOVENT, MODEL SVND2. MANUFACTURED BY: LISTED ... STRATOVENT VENTILATION HOODS RALEIGH, NC 27616 INTERNATIONAL CONTACT: JEFF JOHNSON, 251-490-6114 HOOD NOTES AND SPECS (TYP.) NTS STRATOVENT HOOD HOOD LIGHTS

HEAT SENSOR ATTACHMENT NTS

5

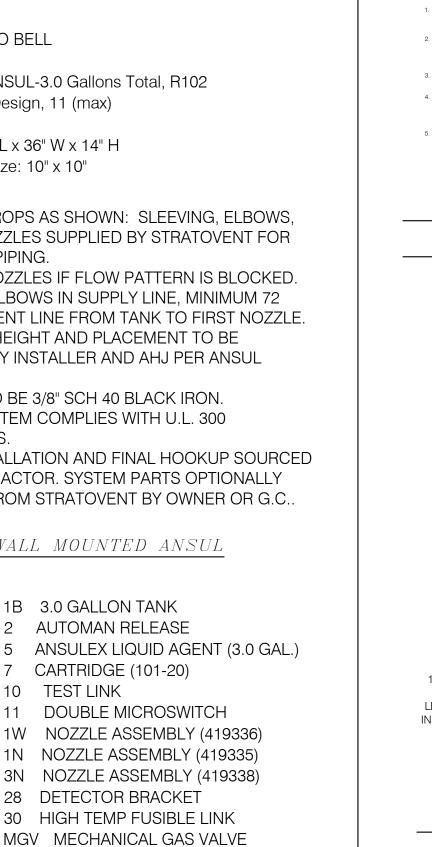
LOW-PROFILE HOOD

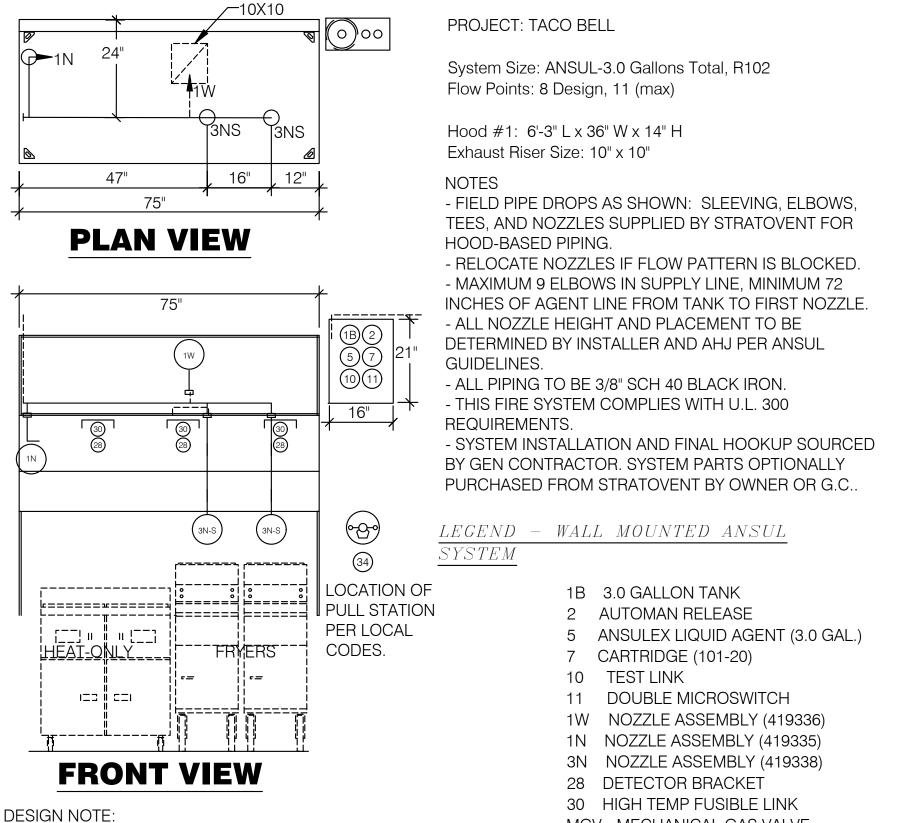




34 REMOTE MANUAL PULL STATION

S SWIVEL ADAPTOR





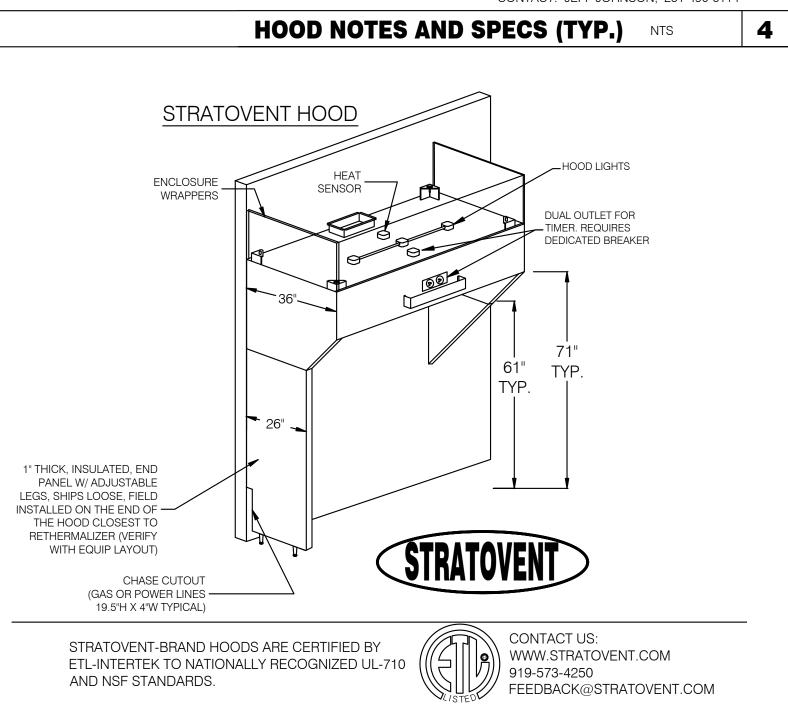
TACO BELL HOOD FIRE SUPPRESSION SYSTEM PLAN

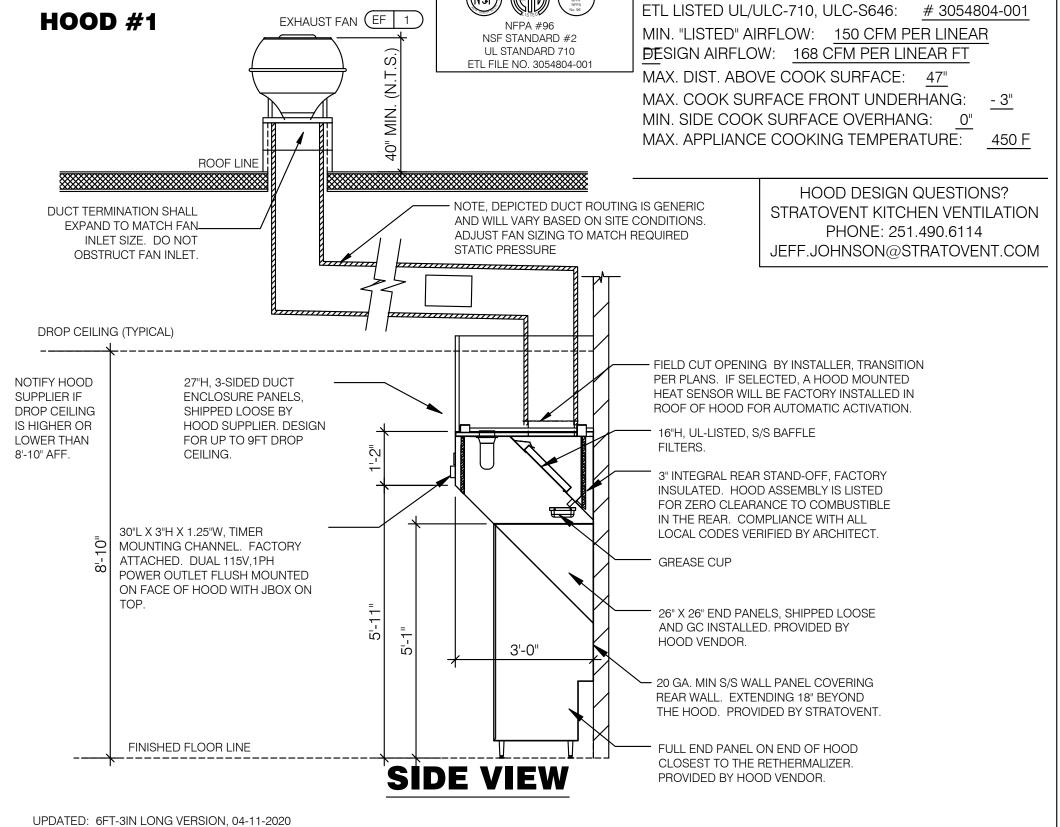
ABOVE DEPICTION SHOWS DUAL FRYERS ON RIGHT END

LAYOUT PER PLANS AND PLACE FRYER NOZZLES ON THE

LEFT END WHEN APPROPRIATE TO SUIT SITE CONDITIONS

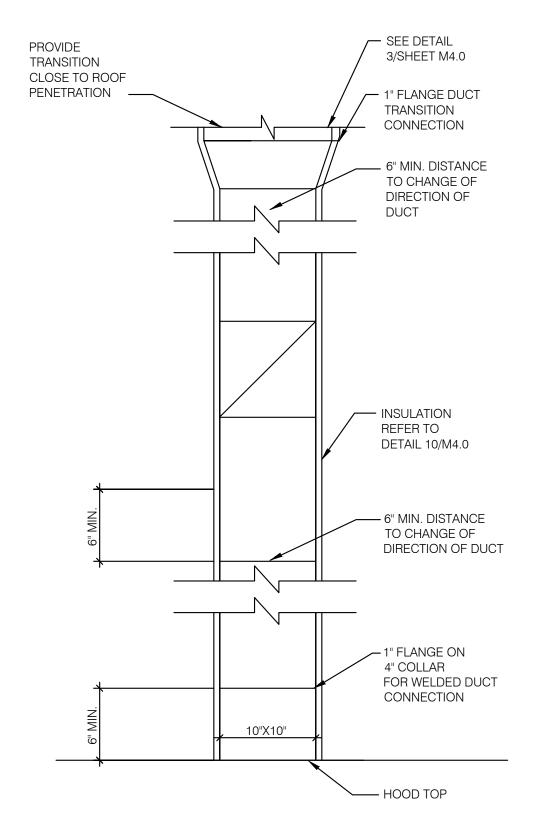
OF THE HOOD. HOOD SUPPLIER WILL VERIFY EQUIP

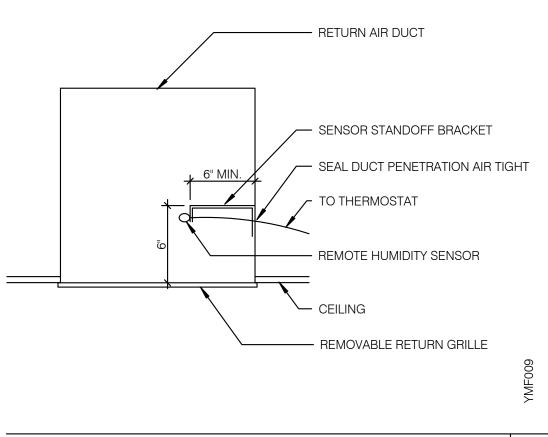


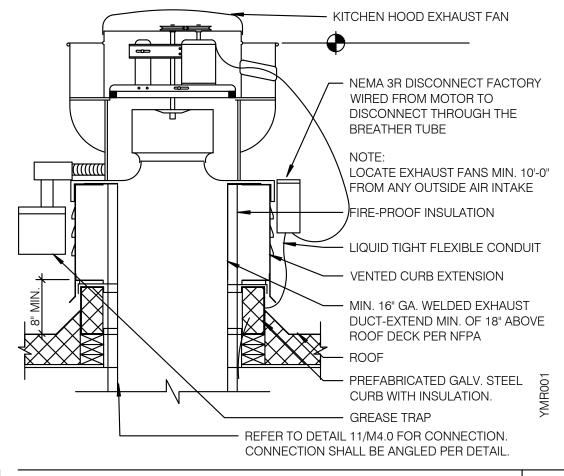


STRATOVENT HOODS

BUILT IN COMPLIANCE WITH

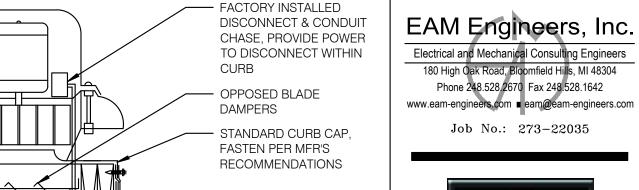








RESTROOM FAN (EF-2) NTS



- METAL EXHAUST DUCT

- 5/16" DIA. ALL THREAD

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

 SUPPORT WIRE SECURED TO STRUCTURE ABOVE.

-1" WIDE, 18 GA. SUPPORT STRAP WITH 5'-0" MAX.

- SUPPORT WIRE SECURED

TO STRUCTURE ABOVE.

2" WIDE SUPPORT STRAP

WITH 3'-0" MAX. SPACING.

MAXIMUM LENGTH

AND LOCK NUTS.

— ROUND RIGID DUCT (LOGITUDINAL SEAM)

SPACING.

(SPIRAL SEAM)

ABOVE.

SECURED TO STRUCTURE

1 1/2" WIDE, 16 GA. SUPPORT

3

2



441 S. LIVERNOIS ROAD

SUITE 265 ROCHESTER HILLS, MI 48307 (248) 524-4700 (248) 524-9746

DDO IECT # 24047

PROJECT # 21017								
DATE	REMARKS							
06-07-22	Review							
08-15-22	Bids & Permits							
	DATE 06-07-22							

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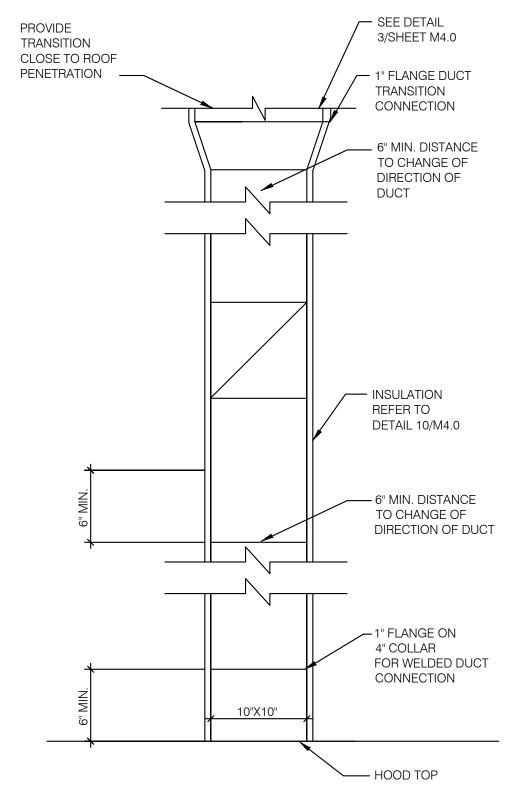
GREAT LAKES TACO, LLC

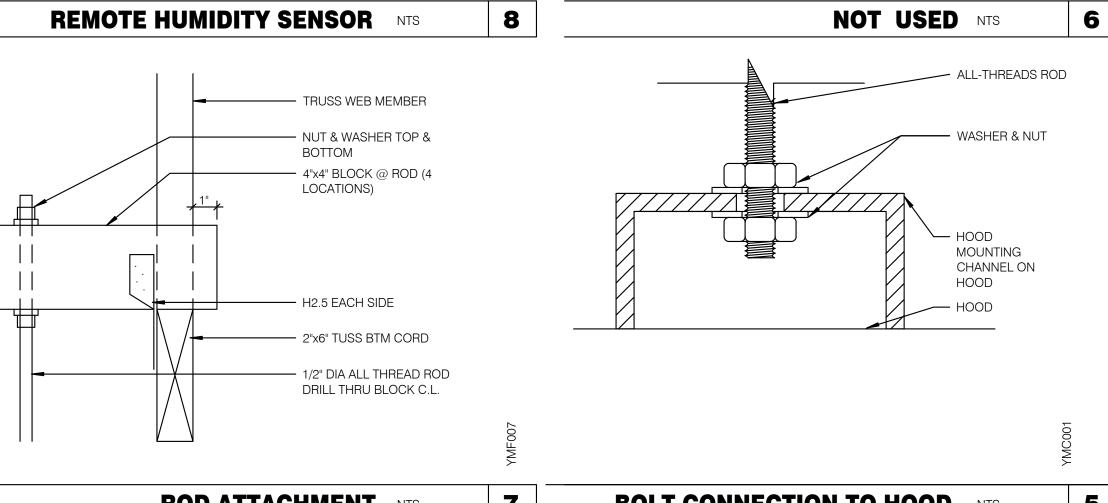
Walton Boulevard Pontiac, Michigan 48340

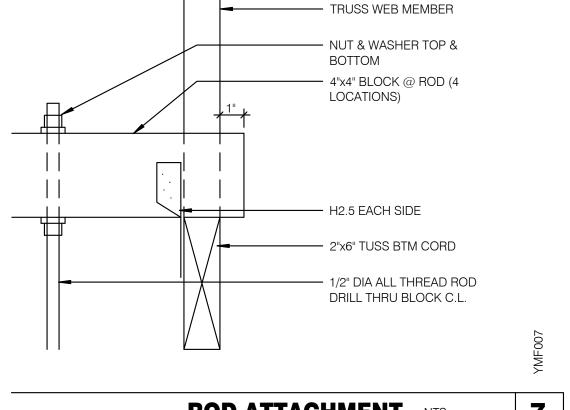


ENDEAVOR 2.0 MECHANICAL DETAILS





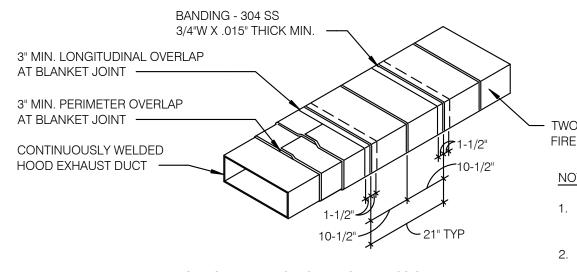




ROD ATTACHMENT NTS

5 BOLT CONNECTION TO HOOD NTS

SUPPLY



BANDING REQUIREMENTS: USE 304 STAINLESS STEEL BANDS A MAXIMUM 1-1/2" FROM BLANKET EDGE AND SPACED A MAXIMUM OF 10-1/2" ON CENTER.

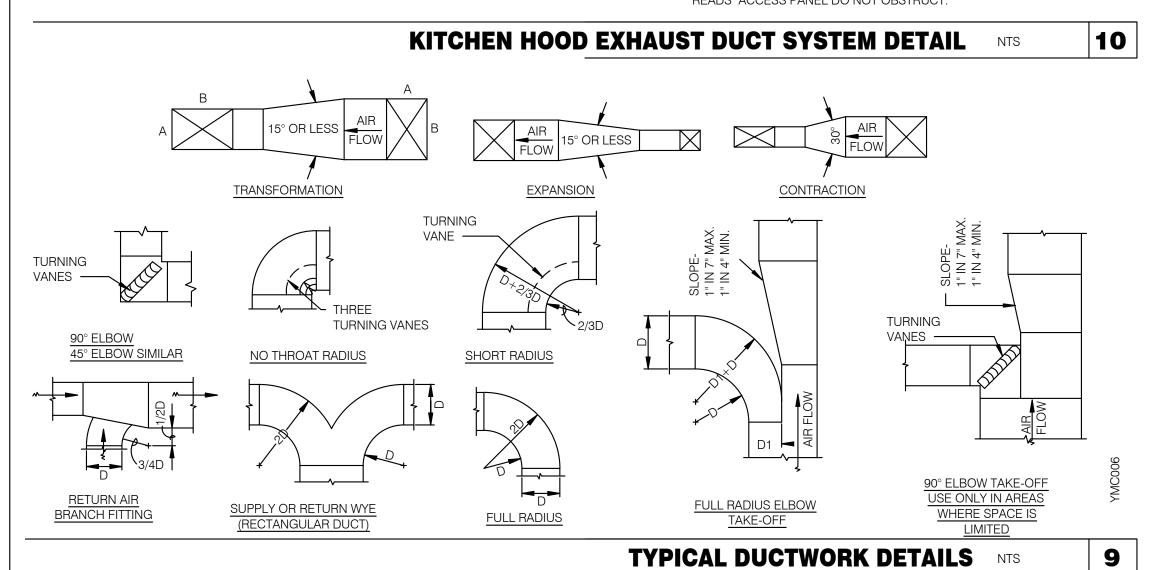
TWO LAYER 1-1/2" THICK 8-PCF

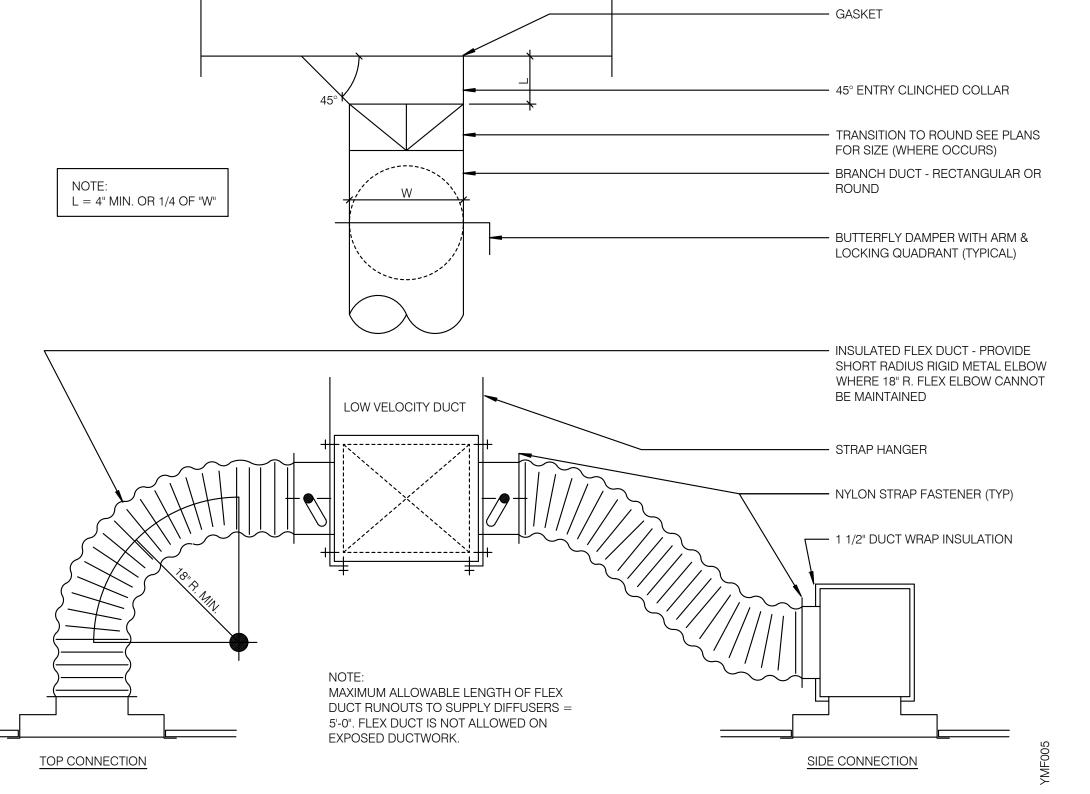
WRAP GREASE DUCT CONTINUOUS AS SHOWN FROM CONNECTION AT FAN THROUGH CURB AND EXTEND 18" MIN. BELOW ROOF DECK.

TB HOOD DUCT TRANSITION NTS

11

- FOR HORIZONTAL RUNS OF EXHAUST DUCTS PROVIDE TYPICAL TRAPEZE SUPPORT SYSTEM WITH 1/2" HANGER RODS A MAXIMUM OF 6" FROM INSULATION EDGE. TRAPEZE SUPPORTS SHALL BE SPACED A MAXIMUM OF 60" ON CENTER FROM CENTERLINE OF VERTICAL EXHAUST DUCT.
- SLOPE HORIZONTAL EXHAUST DUCT RUNS A MINIMUM OF 1/4" PER FOOT (2% SLOPE) TOWARDS EXHAUST HOOD.
 - PROVIDE INSULATED ACCESS DOOR OR PANEL NEAR MID POINT OF EXHAUST DUCT RUN FOR CLEANING AND INSPECTION OF DUCT. PROVIDE AN APPROVED SIGN ON ACCESS DOOR OR PANEL WHICH READS "ACCESS PANEL DO NOT OBSTRUCT."

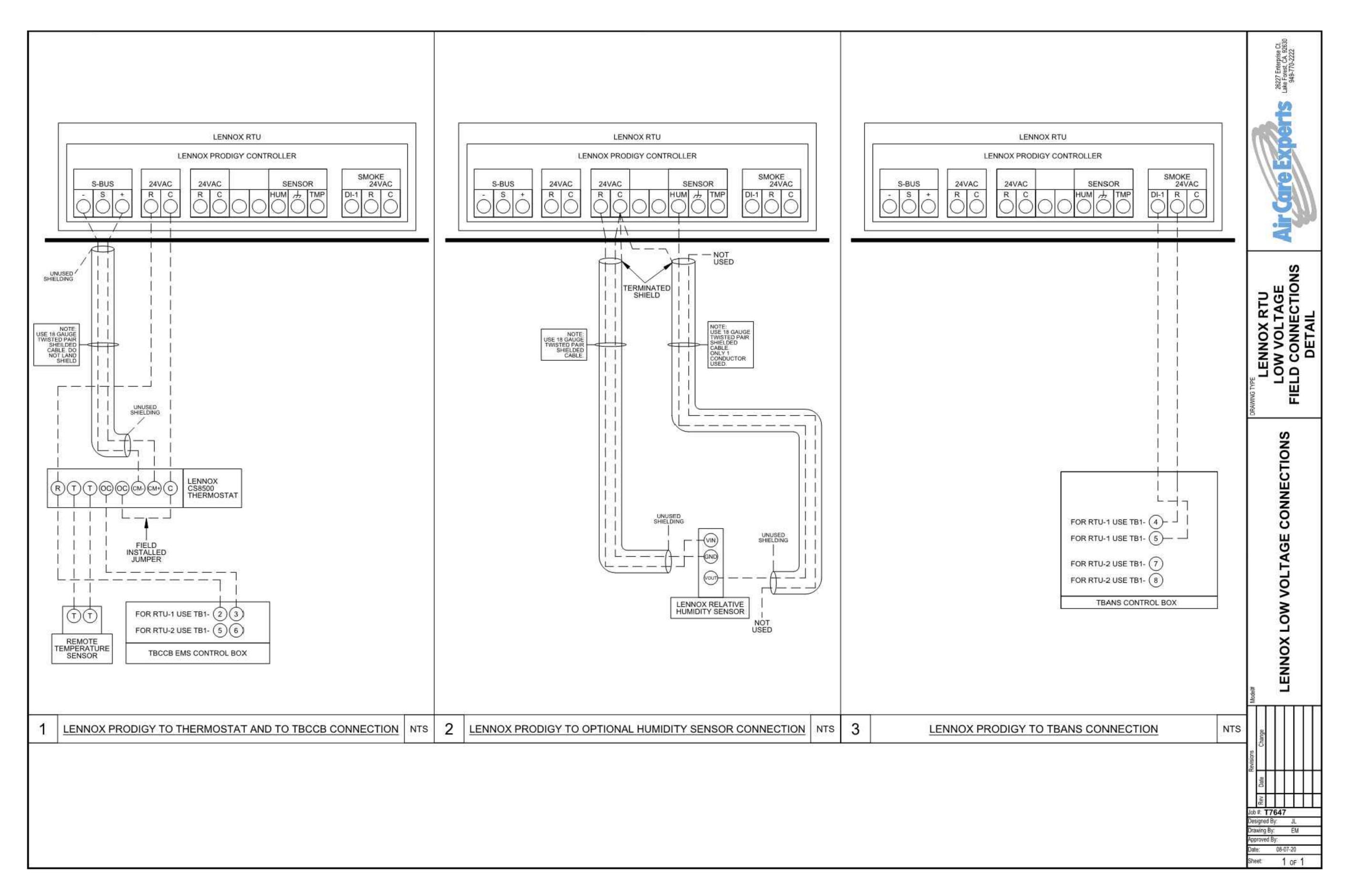




EXHAUST RETURN

SIDE VIEWS

DUCT SUPPORT DETAIL NTS





EAM Engineers, Inc.

Electrical and Mechanical Consulting Engineers

Phone 248.528.2670 Fax 248.528.1642

Inh No - 272 22025



ARCHITECTS INC. A.I.A

441 S. LIVERNOIS ROAD
SUITE 265

SUITE 265 ROCHESTER HILLS, MI 48307 PHONE FAX

(248) 524-4700 (248) 524-9746

PROJECT # 21017							
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JOB NO.:

GREAT LAKES

TACO, LLC Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0
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 INDICATED.

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

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

GENERAL NOTES - PLUMBING NTS

4

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
<u> </u>	H.D.	HUB DRAIN
	O.F.D.	OVERFLOW DRAIN
	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——	GW	SOIL OR WASTE (GREASE WASTE)/WASTE STUB
<u></u> — G —	G	GAS / GAS STUB
CW	CW	COLD WATER/ CW STUB
	HW	HOT WATER / HW STUB
— HWR —	HWR	HOT WATER RETURN
	V	SANITARY VENT
—— SD ——	S.D.	STORM DRAIN
—— CD ——	C.D.	CONDENSATE DRAIN
Φ	F.C.O.	FLOOR CLEANOUT
 	W.C.O.	WALL CLEANOUT
——FW ——	FW	FILTERED WATER
——TW ——	TW	PREMIXED TEMPERATURE WATER
+	H.B.	HOSE BIBB
$-\!$	S.O.V.	SHUT-OFF GATE VALVE
——	S.O.C.	SHUT-OFF GAS COCK
	C.V.	CHECK VALVE
* —	P.T.R.V.	PRESS-TEMPERATURE RELIEF VALVE
	B.V.	BALL VALVE
	C.W.	COLD WATER BELOW GRADE
	E.C.O.	EXTERIOR CLEAN OUT
	BFP	BACK FLOW PREVENTER
	FU	FIXTURE UNIT

PLUMBING LEGEND	NTS
-----------------	-----

		DRAIN		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	1.5	3
PREP SINK *	1			2	2	2	2
3 - COMPARTMENT SINK *	1			3	3	3	3
HOSE BIBB/WATER FILTRATION UNIT	2/1			5/0.5	12		
FLOOR DRAIN	7	2	14				
HUB DRAIN	2	2	4				
FLOOR SINK	3	3	9				
MOP SINK	1	3	3	2.25	2.25	2.25	2.25
RETHERMALIZER *	1					1.0	1.0
TOTAL			44		35.25		14.25

USE 4" SANITARY (MIN) AND PIPE SIZING DRAIN: GW 22 DFU USE 4" SANITARY (MIN) REQUIREMENTS: DRAIN: SAN 18 DFU HOT WATER: 14.25 FU = 17 GPMUSE 1-1/4" HW SERVICE BASED ON 2015 IPC (COMBINATION DRAIN & VENT). *FIXTURE HAS INDIRECT WASTE TO FLOOR SINK

PLUMBING FIXTURE COUNT NTS

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3					
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3					
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25					
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3

	ITEM	FIXTURE	SOIL OR WASTE	VENT	COLD WATER	HOT WATER	TEMP'D WATER	WASTE FU	WATER FU	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
	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.	ZURN / MODEL: Z-1400 JOSAM / MODEL: JPFS4-PVC ZURN / MODEL: FD-2370-PV4-DS-F
	FS 2	FLOOR SINK	3"	2"				6		CAST IRON 12" SQUARE FLOOR SINK, 8" DEEP, WITH ALUMINUM DOME STRAINER AND NICKEL BRONZE HINGED TOP.	JOSAM / MODEL: 49034AS WADE / MODEL: 9144
	(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: Z-1900-32 ZURN / MODEL: FD-2210 JOSAM / MODEL: 30003-A
	(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: 1103 JOSAM / MODEL: 88213 WADE / MODEL: 2453EF
	FCO 1	FLOOR								CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, ROUND SCORIATED HEAVY CAST IRON COVER.	ZURN / MODEL: Z-1019 JOSAM / MODEL: 56000 WADE / MODEL: 6000Z
	WCO 1	CLEANOUT WALL CLEANOUT								CAST IRON CLEANOUT TEE WITH INLET/OUTLET SPIGOT AND THREADED BRASS PLUG, WITH STAINLESS STEEL ACCESS COVER.	ZURN / MODEL: Z-1400 JOSAM / MODEL: 58510 WADE / MODEL: 8560E
		HOSE BIBB			3/4"				2.5/1	NON-FREEZE WALL HYDRANT WITH INTEGRAL VACUUM BREAKER, BRONZE CASING AND NICKEL BRONZE BOX.	ZURN / MODEL: Z-1446-BP JOSAM / MODEL: 71000 WADE / MODEL: 8600L
_		TIOGE BIBB			0) 4				2.0/ 1	WHITE VITREOUS CHINA FLOOR MOUNTED FLUSHOMETER TANK (PRESSURE ASSISTED) TYPE, ELONGATED BOWL, ADA COMPLIANT, 1.1 GPF, WITH OPEN FRONT SEAT LESS COVER,	ZURN / MODEL: Z-1300 AM. STD. "CADET" / MODEL: 2467.100
I	WC 1	WATER CLOSET	4"	2"	1/2"			4	2	OLSONITE #95 OR EQUIVALENT. FLUSHOMETER TANK: SLOAN FLLUSHMATE OR EQUAL. PROVIDE TANK COVER LOCKS. FLUSH VALVES SHALL BE RIGHT HAND OR LEFT HAND AS REQUIRED TO CORRESPOND WITH ACCESS FROM WIDE SIDE OF STALL. VERIFY FLUSH SIDE REQUIREMENTS.	KOHLER "HIGHLINE" / MODEL: K-3519 CRANE "ECONMISER" / MODEL: 31888
I	L 1	LAVATORY	1-1/4"	1-1/2"	1/2"		1/2"	1	1.5	WHITE VITREOUS CHINA, WALL HUNG, WITH CONCEALED ARMS SUPPORT, 4" CENTERS, WITH INTEGRAL BACKSPLASH, ADA ACCESSIBLE. FLAT GRID STRAINER. BRAIDED WATER LINES. FAUCET: FURNISHED BY OWNER-INSTALLED BY G.C. ELECTRONIC SENSOR TYPE FAUCET. SLOAN SF-2300, ADA COMPLIANT. SEE 5/P6.0 FOR LAV SUPPORT DETAIL, 0.5 GPM AERATOR	A.S. COMRADE/ MODEL: 0124.131 CRANE "HARWICH" / MODEL: 1412V
I	S 1	HAND SINK	1-1/2"	1-1/2"	1/2"		1/2"	2	1.5	S-1: STAINLESS STEEL HAND SINK, WALL HUNG, INCLUDES A 6" GOOSENECK STAINLESS. FAUCET W/SINGLE KNEE PEDAL. BRAIDED WATER LINES, 0.5 GPM AERATOR.	
	S 2	MOP SINK	3"	2"	1/2"	1/2"		3	2.25	MOP SINK: AERO - 3MP-2121-6 W/ 48" HIGH S.S. LEFT SIDE AND BACK-SPLASH. FURNISHED BY OWNER, INSTALLED BY CONTRACTOR. FAUCET: T&S #B2465, WITH VACUUM BREAKER, FURNISHED BY OWNER, INSTALLED BY CONTRACTOR.	
-	S 3	3-COMP. SINK	INDIRECT		1/2"	1/2"			3	SINK, FAUCET & DRAIN, GEN IV POWER SOAK STANDARD, GEN III IS AN OPTION FOR FRANCHISES	
	S 4	PREP SINK	INDIRECT		1/2"	1/2"			3	SINK, FAUCET AND DRAIN	
	GI 1	GREASE INTERCEPTOR	4"							PRECAST 1,000 GALLON GREASE INTERCEPTOR WITH SAMPLING BOX. SEE SITE PLAN FOR EXTERIOR GREASE INTERCEPTOR LOCATION.	JENSEN / JP1000G
-	MV 1	MIXING VALVE			1/2"	1/2"				THERMOSTATIC, 125 P516, 200VF BRONZE BODY, STAINLESS STEEL PISTON LINER, CHECK VALVES SIZE PER PIPE CONNECTIONS.	POWERS SERIES LFLM495 LAWLER SERIES 310 LEONARD SERIES 170
	WH 1	WATER HEATER			1-1/2"	1-1/2"				GAS FIRED WATER HEATER, 95% THERMAL EFF., 150,000 BTUH INPUT, 100 GAL. STORAGE TANK, 178 GPH @ 100 DEG. RISE REC. RATE, 3" PVC FLUE & INTAKE, ASME RATED TEMPERATURE AND PRESSURE RELIEF. VALVE, ELECTRONIC IGNITION SYSTEM AND ELECTRONIC CONTROLS. Call 800-477-1953 Option #1 for National Account Price & Service	AO SMITH / CYCLONE MXI BTH-150 STATE / SUF 100 150 NE
	ET 1	EXPANSION TANK			3/4"					EXPANSION TANK, STEEL, EXPANSION MEMBRANE 150 PSI, 160° F, 12 GALLON CAPACITY.	WATTS SERIES DETA AMTROL SERIES ST
	BFP 1	BACKFLOW PREVENTOR			VERIFY				1	REDUCED PRESSURE ZONE BACKFLOW PREVENTER, CAST BRONZE CONSTRUCTION WITH QUARTER TURN FULL-PORT BALL VALVES AND BRONZE STRAINER.	WILKINS SERIES WXTP WATTS / MODEL: LF009M2QTS WILKINS / MODEL: 975XLS FEBCO / MODEL: 860
	RO 1	REVERSE OSMOSIS	INDIRECT		1/2"					REVERSE OSMOSIS FILTER SYSTEM BY OWNER. SEE DETAIL 9/P6.0	
	WM 1	WATER METER			1-1/2"					COORDINATE REQUIREMENTS WITH MUNICIPAL WATER DEPARTMENT.	
	CP 1	HWR CIRC PUMP				3/4"				BRONZE BODY CONSTRUCTION SUITABLE FOR POTABLE WATER, NON FERROUS IMPELLER, MAINTENANCE FREE PERMANENTLY LUBRICATED BEARINGS.COMBINATION AQUASTAT/TIMECLOCK SET TIMECLOCK FOR UNOCCUPIED HOURS.	B&G MODEL PL-30, 1 GPM, 22 FT.HD. 1/12 HP, 120V,1PH



EAM Engineers, Inc.

Electrical and Mechanical Consulting Engineers

Job No.: 273-22035



441 S. LIVERNOIS ROAD

SUITE 265 ROCHESTER HILLS, MI 48307

(248) 524-4700 (248) 524-9746

PROJECT # 21017

	DATE	REMARKS
1	06-07-22	Review
2	08-15-22	Bids & Permits

CONTRACT DATE:

BUILDING TYPE: END. MED 40

PLAN VERSION: MARCH 2021 **BRAND DESIGNER:**

SITE NUMBER:

STORE NUMBER:

PA/PM: DRAWN BY.

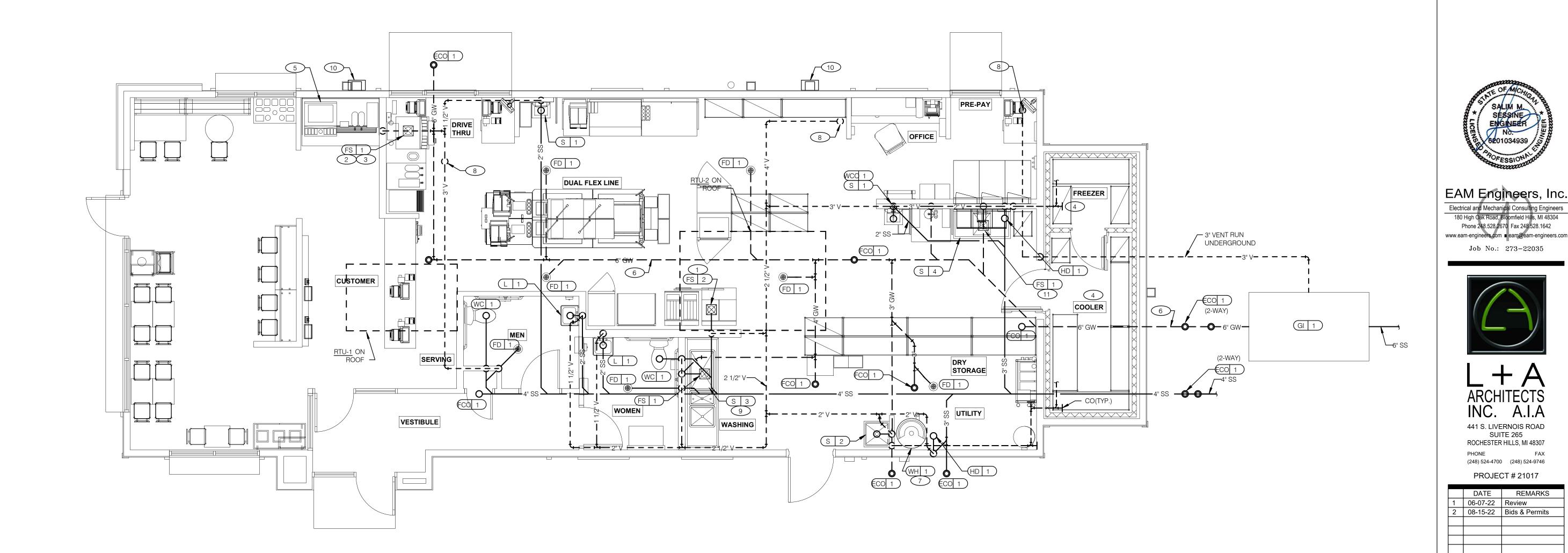
JOB NO.:

GREAT LAKES TACO, LLC Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 PLUMBING SCHEDULES AND NOTES

PLUMBING FIXTURE SCHEDULE NTS





- 10 DOWN SPOUT. SEE CIVIL PLANS FOR CONTINUATION.
- PROPER AIR GAP.

ROUTE DRAIN FOR REVERSE OSMOSIS DISCHARGE TO FLOOR SINK. ENSURE



GREAT LAKES

TACO, LLC

SUITE 265

BUILDING TYPE: END. MED 40

MARCH 2021

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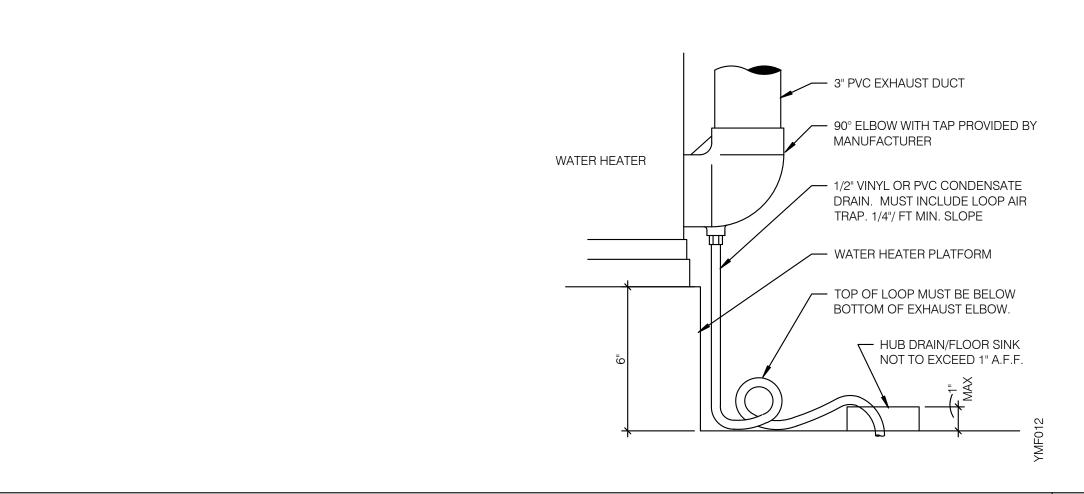
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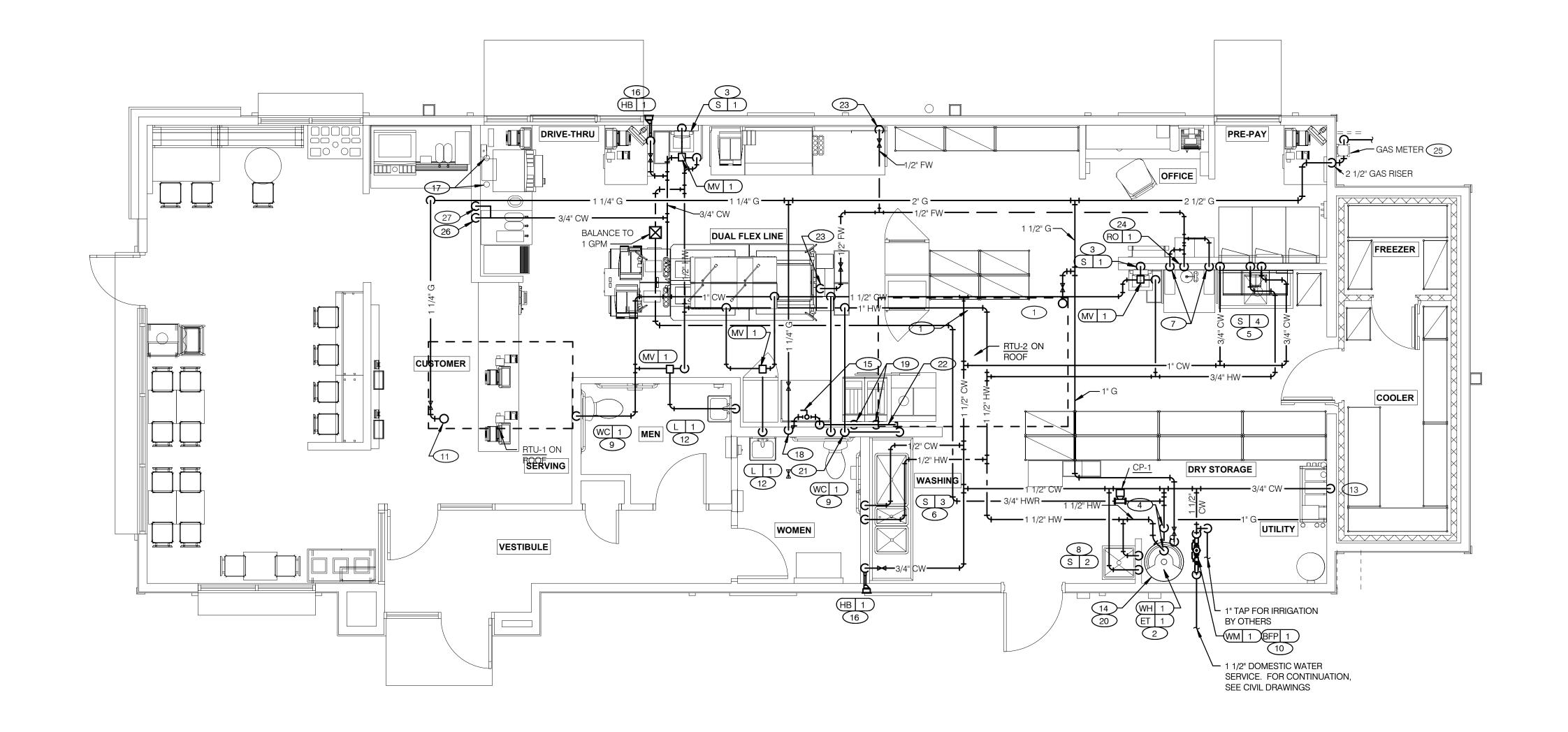
ENDEAVOR 2.0 WASTE AND VENT PLAN

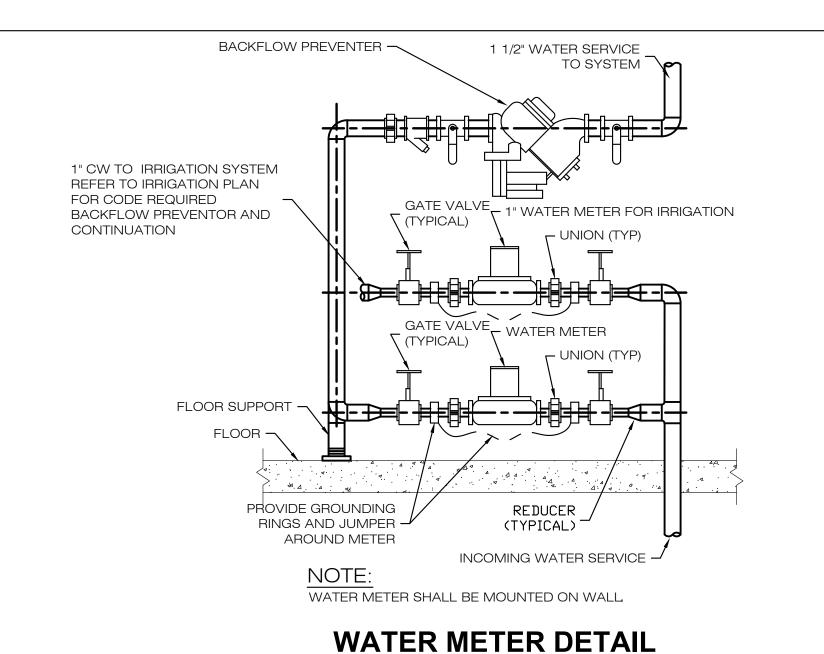
4 WASTE & VENT PLAN NOTES NTS 3 KEYNOTES - WASTE AND VENT NTS



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.
- 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 CONDENSATE LINE AND DRAIN LINE FROM ICE MACHINE TO HD / FS, PROVIDE AIR GAP PER LOCAL CODE.
- 3 PROVIDE WASTE LINES FROM BEVERAGE UNIT TO HD / FS, PROVIDE AIR GAP PER LOCAL CODE.
- 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 RUN DRAIN LINE FROM S/S DRINK MACHINE THROUGH WALL OPENING. TO OUTFALL AT FS BENEATH D/T DRINK MACHINE.
- 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.
- 9 PIPE 3-COMPARTMENT SINK TO FLOOR SINK WITH AIR GAP PER CODE.





NO SCALE

- NO ROOF PENETRATIONS PERMITTED WITHIN ROOF "WATER VALLEYS". REFER TO ROOF PLAN FOR LOCATIONS.
- REFER TO SHEET P4.0 FOR ROUGH-IN LOCATIONS.
- REFER TO SHEET P5.0 FOR WATER AND GAS ISOMETRIC DRAWINGS.
- FLUSH ALL WATER SUPPLY LINES OF ALL DEBRIS AND IMPURITIES PRIOR TO CONNECTING TO WATER FILTERS.
- PROVIDE REDUCED PRESSURE BACKFLOW PREVENTER TO SERVE CARBONATOR. DRAIN RELIEF TO FLOOR SINK WITH AIR GAP
 - PROVIDE A VENTED DOUBLE CHECK VALVE (ASSE 1022) BACKFLOW PREVENTION DEVICE TO SERVE HOT WATER DISPENSER(P-452), ICED TEA BREWER(S-546), COFFEE BREWER(P-147) AND CHEESE

MELTER(C-254). PROVIDE A BACKFLOW PREVENTION DEVICE AT

EACH PIECE OF EQUIPMENT. DRAIN RELIEF TO FLOOR SINK WITH AIR

- 1 1-1/4" (360 CFH) GAS UP TO RTU-2 WITH DIRT LEG, GAS COCK AND UNION.
- 2 1" (120 CFH) GAS DOWN TO WATER HEATER WITH GAS COCK, DIRT LEG AND
- 3 1/2" TEMPERED WATER DOWN IN WALL TO HAND SINK.
- 4 1-1/4" HOT AND 1-1/4" COLD WATER LINES DOWN TO WATER HEATER.
- 5 1/2" HOT AND COLD WATER LINES DOWN IN WALL TO PREP SINK.
- 6 1/2" COLD AND HOT WATER LINES DOWN IN WALL TO THREE COMPARTMENT
- 7 1/2" COLD WATER 2'-0" A.F.F. . CONNECT TO WATER FILTER FOR HOT WATER SYSTEM P-452. PROVIDE SHUT-OFF VALVE PRIOR TO CONNECTION TO WATER FILTER. REFER TO WATER AND GAS PLAN NOTES F.
- 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.
- (10) REDUCED PRESSURE BACKFLOW PREVENTER LOCATED PER LOCAL UTILITY REQUIREMENTS. PIPE RELIEF TO HUB SINK.
- 11 1-1/4" (240 CFH) GAS UP TO RTU-1 WITH DIRT LEG, GAS COCK AND UNION.
- 1/2" TEMPERED WATER LINES DOWN IN WALL TO LAVATORY.

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

- WATER HEATER (WH-1). PIPE CONDENSATE LINE. T&P DISCHARGE AND DRAIN PAN TO HUB DRAIN. SEE WATER HEATER DETAIL 2/P6.0.
- (15) EMERGENCY GAS SHUT OFF VALVE LOCATED BELOW CEILING.
- (16) 3/4" CW DOWN IN WALL TO EXTERIOR HOSE BIBB.

- 17 BUNDLED SYRUP LINES TO BEVERAGE DISPENSERS S-284 & S-285 AND FILTERED WATER LINES TO ICE MAKERS S-513 AND FROZEN BEVERAGE DISPENSER S-739. SEE DRAWINGS A2.0 AND P5.0.
- (18) 1-1/4" GAS DOWN IN WALL TO COOKING EQUIPMENT. VERTICAL GAS PIPING IN WALL SHALL NOT BE RIGIDLY SECURED AND ADEQUATE PIPE PROTECTION SHALL BE PROVIDED.

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

- (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 ROOF AS RECOMMENDED BY MANUFACTURER TO LOCATIONS SHOWN ON SHEET M2.0. SEE DETAIL 2/P6.0.
- 21) 1/2" HOT WATER DOWN IN WALL TO RETHERMALIZER C-107. PROVIDE SHUT-OFF VALVE OUTSIDE OF WALL FOR CONNECTION TO RETHERMALIZER. PROVIDE A PRESSURE TYPE VACUUM BREAKER(ASSE 1056) OR A REDCUED PRESSURE ZONE(RPZ, ASSE 1013) BACKFLOW PREVENTION DEVICE.
- 22 RUN GAS PIPE 18" A.F.F. WITH DIRT LEGS FOR GAS HOSE KITS TO COOKING EQUIPMENT C-079 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
- 24 1/2" COLD WATER TO REVERSE OSMOSIS FILTER P-315 AND 1/2" FILTER WATER FROM REVERSE OSMOSIS FILTER. PROVIDE SHUT-OFF VALVE ON CW PIPE PRIOR
- TOCONNECTION TO FILTER. SEE DETAIL 9/P6.0. 25 GAS METER, REGULATOR VALVES, BRACKETS, ETC. AS REQUIRED BY LOCAL

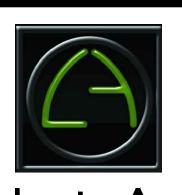
GAS COMPANY. SEE CIVIL DRAWINGS FOR CONTINUATION.

- (26) 1/2" COLD WATER. CONNECT TO WATER FILTER FOR ICED TEA BREWER S-546. PROVIDE SHUT-OFF VALVE PRIOR TO CONNECTION TO WATER FILTER. REFER TO WATER AND GAS PLAN NOTES F.
- (27) 1/2" COLD WATER. CONNECT TO WATER FILTER FOR COFFE BREWER P-147 PROVIDE SHUT-OFF VALVE PRIOR TO CONNECTION TO WATER FILTER. REFER TO WATER AND GAS PLAN NOTES F.



EAM Engineers, Inc.

Electrical and Mechanical Consulting Engineers Phone 248.528.2670 Fax 248.528.1642



441 S. LIVERNOIS ROAD

SUITE 265 ROCHESTER HILLS, MI 48307

> PHONE (248) 524-4700 (248) 524-9746

PROJECT # 21017

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ı	1	06-07-22	Review
ı	2	08-15-22	Bids & Permits
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Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 WATER AND GAS PLAN

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

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

INDICATED HEREIN.

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

* LICENS BOOM	SALIM M. SESSINE ENGINEER NO. 6201034939 SAROFESSIONE
Ą	OFESSION POOD

EAM Engineers, Inc.

Electrical and Mechanical Consulting Engineers

Job No.: 273-22035



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ENDEAVOR 2.0 PLUMBING ROUGH-IN PLAN

3

PLUMBING ROUGH-IN NOTES NTS

2

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

+15" A.F.F.

+29" A.F.F

+47" A.F.F.

+20" A.F.F.

+84" A.F.F

+18" A.F.F

-6" A.F.F.

+19" A.F.F

CW/HW +36" A.F.F

CW/HW +42" A.F.F

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

CW

G

CW

CW

TW

CW

TW

W

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

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

EQUIP#

S 4 PREP SINK

HB 1 HOSE BIB

S 4 PREP SINK FAUCET

WCO 1 WALL CLEAN OUT

(FCO 1) FLOOR CLEAN OUT

C-107 RETHERMALIZER

C-107 RETHERMALIZER

C-026 DUAL VAT FRYER

S-286 WATER FILTER SYSTEM

(P-452) HOT WATER SYSTEM

S 3 3-COMPARTMENT SINK FAUCET

EQUIPMENT ITEM

PLUMBING ROUGH-IN SCHEDULE NTS

TYPE | ELEVATION

CW/HW +38" A.F.F

CW/HW +38" A.F.F

HW +8" A.F.F.

G +12" A.F.F.

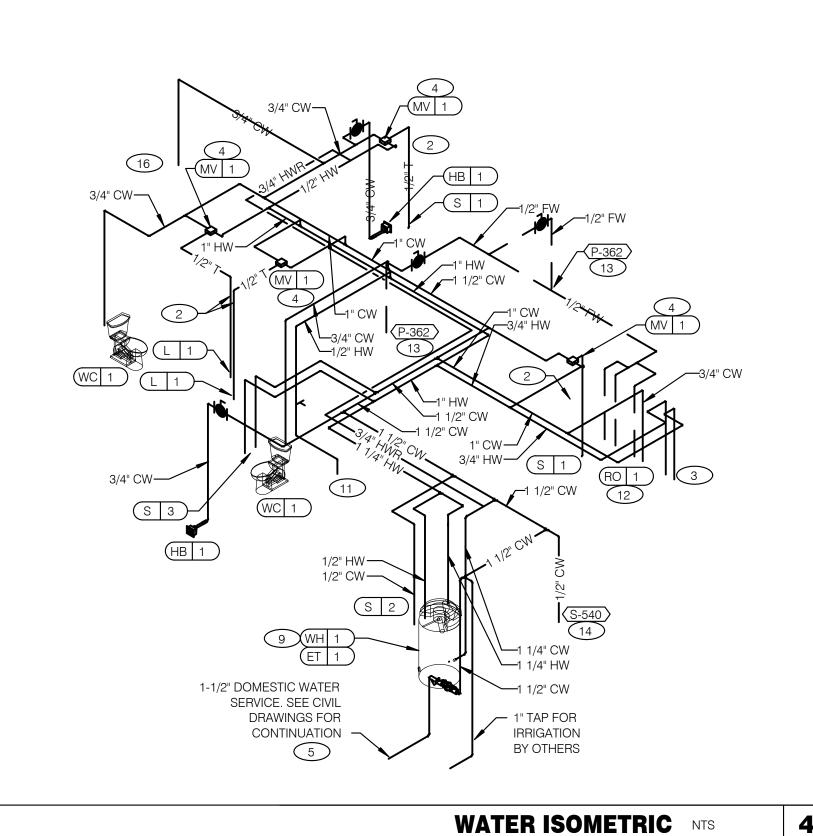
G +12" A.F.F.

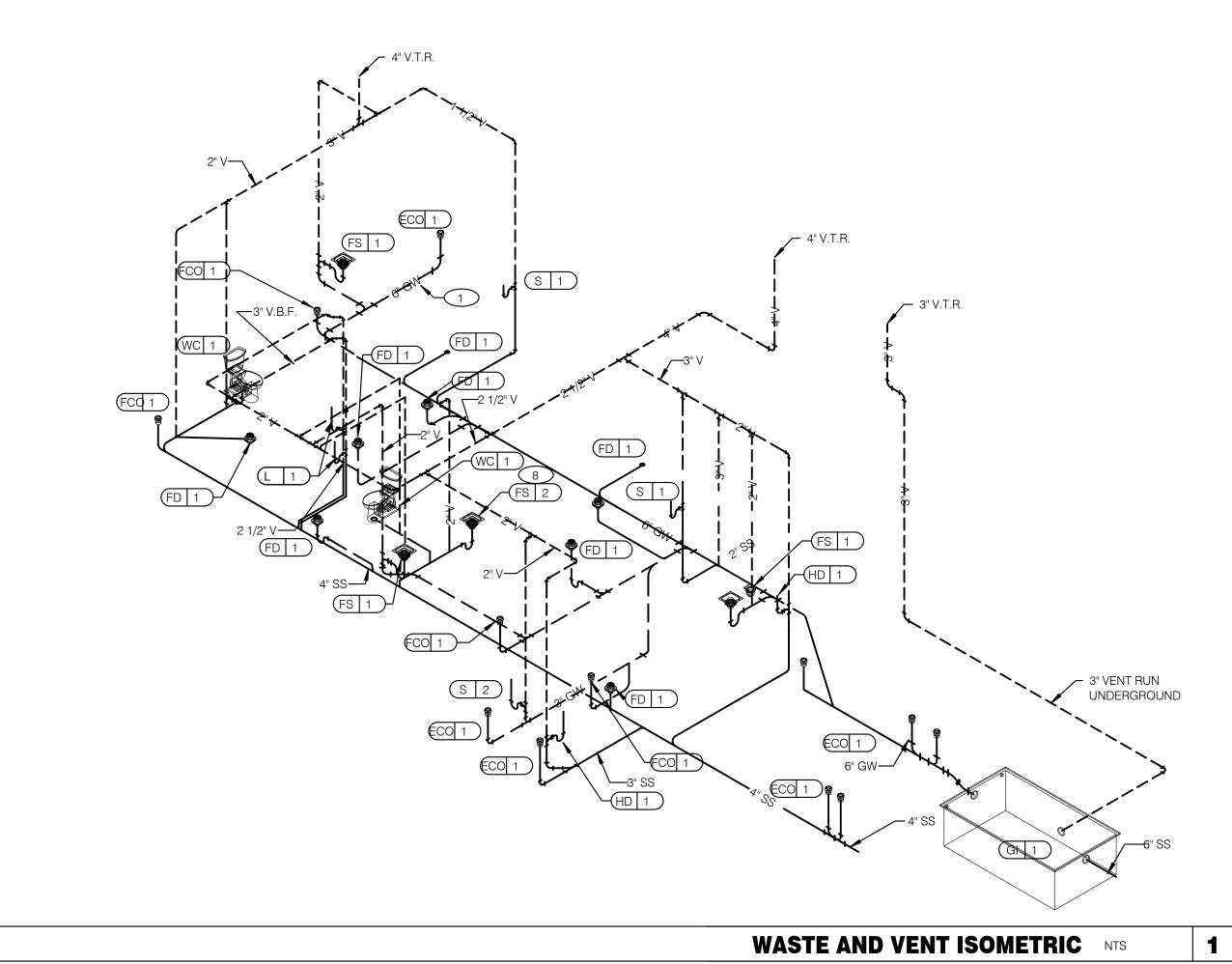
CW +94" A.F.F.

CW +24" A.F.F.

INLET TO & OUTLET FROM FILTER

W +19" A.F.F

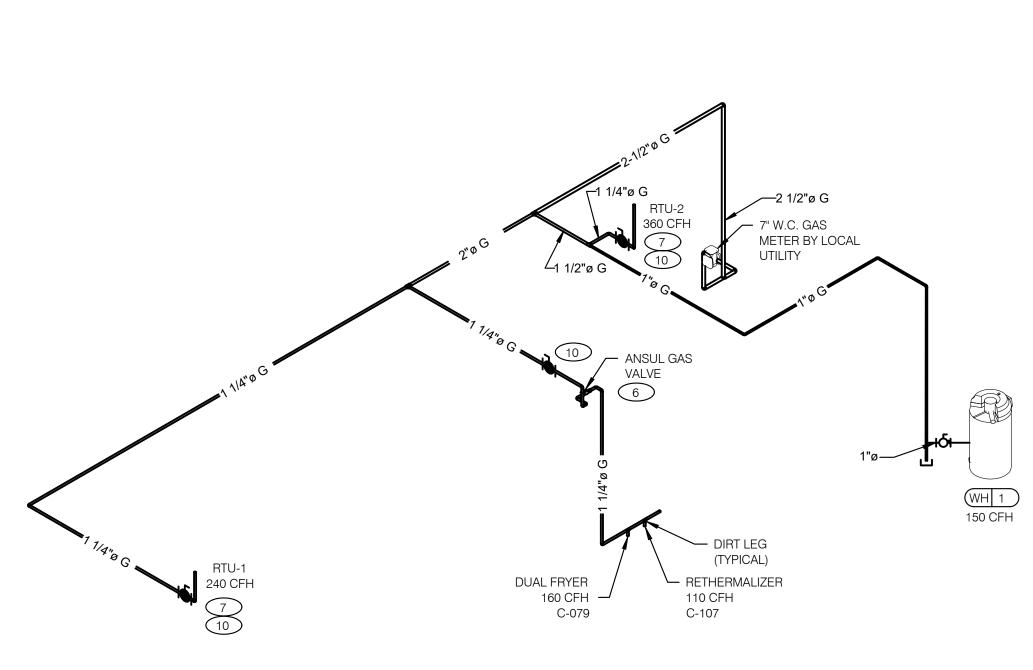




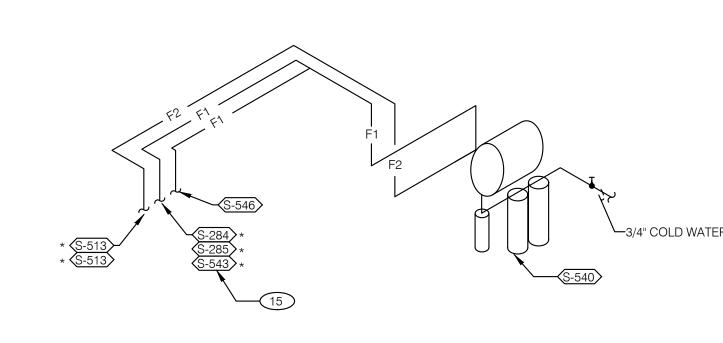
GAS DEMAND SCHEDULE		
RT	240 CFH	
RTU-2		360 CFH
W	150 CFH	
DUAL	160 CFH	
RETHERMALIZER		110 CFH
TOTAL 1020.0 CFH =		: 1,020,000 BTUH

NOTE:
COORDINATE GAS DEMAND REQUIREMENTS
WITH SITE-SPECIFIC RTU DESIGN.

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



GAS ISOMETRIC NTS



4 THERMOSTATIC MIXING VALVE.

FILTERED EQUIPMENT AND LINES:

FILTERED LINE (COLD WATER)

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.

FILTERED WATER ISOMETRIC NTS

ENTIRE RUN OF DRAIN LINES ON INLET TO GREASE TRAP SHALL BE

SCHEDULE 40 PVC OR NO HUB CAST IRON AS REQUIRED BY CODE.

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.

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

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

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

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.



EAM Engineers, Inc.

Electrical and Mechanical Consulting Engineers

180 High Oak Road, Bloomfield Hills, MI 48304

Phone 248.528.2670 Fax 248.528.1642

Joh No : 273-22035



ARCHITECTS INC. A.I.A

441 S. LIVERNOIS ROAD
SUITE 265

SUITE 265 ROCHESTER HILLS, MI 48307 PHONE FAX

PHONE FAX (248) 524-4700 (248) 524-9746

PROJECT # 21017

	DATE	REMARKS
1	06-07-22	Review
2	08-15-22	Bids & Permits

CONTRACT DATE:

BUILDING TYPE: END. MED 40

BUILDING TIPE. END. MED

PLAN VERSION: MARCH 2021

BRAND DESIGNER:

SITE NUMBER:

STORE NUMBER:

PA/PM:

DRAWN BY.:

2

GREAT LAKES
TACO, LLC
Walton Boulevard
Pontiac, Michigan 48340



RISER
DIAGRAMS

P5.0

3

OT DATE:

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.

5 REDUCED PRESSURE BACKFLOW PREVENTER PER LOCAL UTILITY

PREVENTER. VERIFY LOCATIONS WITH CIVIL DRAWINGS.

REQUIRED TO ACTIVATE SHUT-OFF VALVE.

REQUIREMENTS. PROVIDE SHUT-OFF VALVES AT BOTH SIDES OF BACKFLOW

FOR USE ON GAS PIPING SYSTEMS. VALVE SHALL BE ACTIVATED BY ANY OF

GAS PIPING AT ROOF TOP UNIT FOR THROUGH THE BASE PIPE CONNECTION.

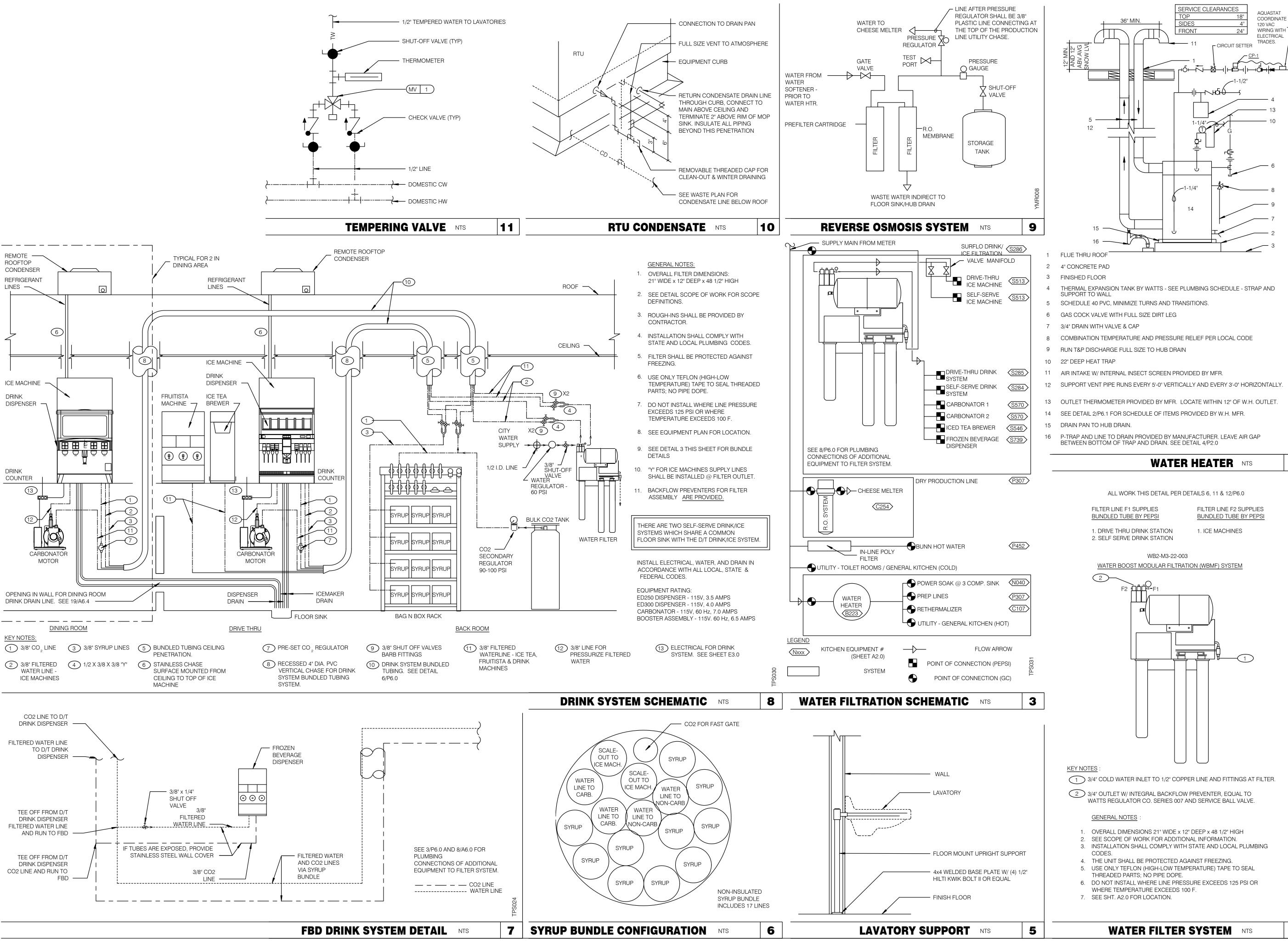
THE EXHAUST HOOD FIRE SUPPRESSION SYSTEM. PROVIDE RELAYS AS

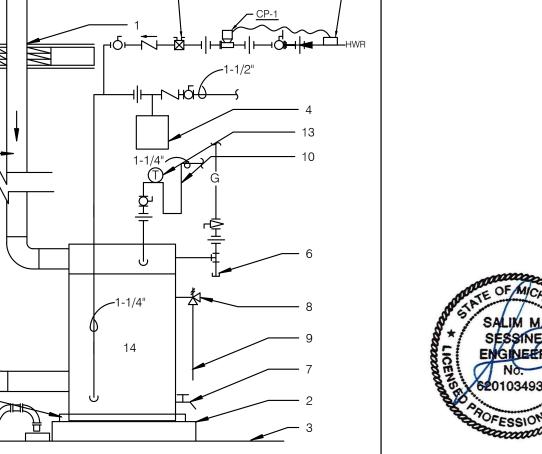
SHUT-OFF VALVE SHALL BE LOCATED OUTSIDE OF THE UNIT.

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.

6 EMERGENCY GAS SHUT-OFF VALVE (NORMALLY CLOSED) SHALL BE ELECTRIC SOLENOID TYPE WITH SPRING RETURN AND 24 VOLT ACTUATOR, SUITABLE





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441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307

2

(248) 524-4700 (248) 524-9746

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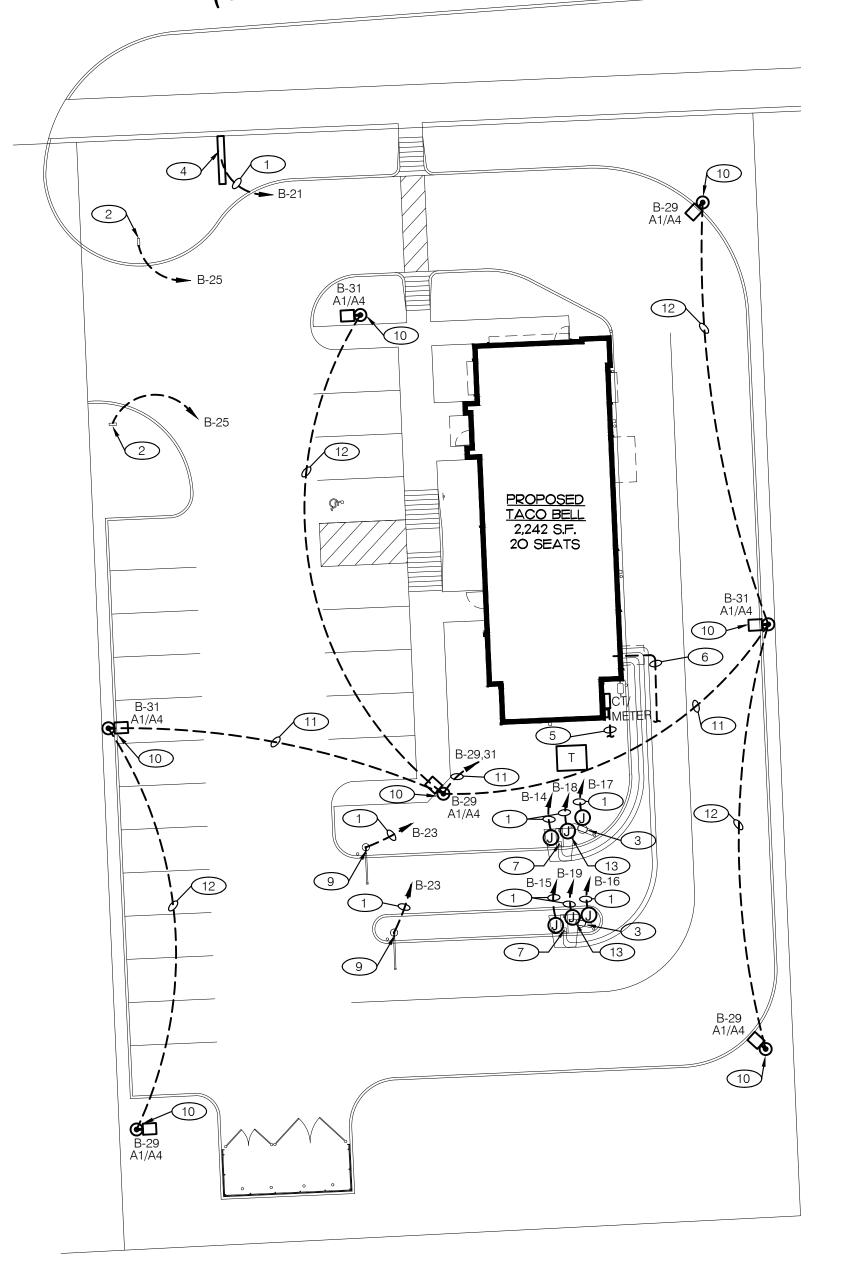
TACO, LLC Walton Boulevard Pontiac, Michigan 48340

GREAT LAKES



ENDEAVOR 2.0 PLUMBING DETAILS

WALTON BOULEVARD (120' PUBLIC RIGHT OF WAY)



CONDUIT SCHEDULE			
DEVICE	POWER	DATA	
DIRECTIONAL	(1) 3/4"	-	
SPEAKER POST	(1) 1"	(1) 1"	
MENUBOARD	(1) 1"	(2) 1"	
PREVIEW BOARD (OPTIONAL)	(1) 1"	(2) 1"	

1 3/4" C. - 2 #10, #10 GROUND (TYP. FOR ENTIRE CIRCUIT.)

DIRECTIONAL SIGN. (OPTIONAL). REFER TO CONDUIT SCHEDULE FOR CONDUIT SIZE AND QUANTITY.

3 DIGITAL MENU BOARD. REFER TO CONDUIT SCHEDULE FOR CONDUIT SIZE AND QUANTITY. REFER TO DETAILS 2&10/C1.0.

4 LED SITE 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 CONDUITS TO CONNECTION ON SITE . REFER TO CIVIL SHEETS FOR LOCATION AND ROUTING. VERIFY AND COORDINATE ALL REQUIREMENTS WITH UTILITY CO.

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

8 FUTURE PREVIEW BOARD (OPTIONAL). REFER TO CONDUIT SCHEDULE FOR CONDUIT SIZE AND QUANTITY.

9 CLEARANCE BAR. REFER TO DETAILS 2 & 3/C1.1.

(10) LED SITE LIGHTING, REFER TO DETAIL 12/C1.1.

11 1" C. - 3 #8, #8 GROUND.

12 3/4" C. - 2 #8, #8 GROUND.

PROVIDE CONNECTION TO ORDER CANOPY. REFER TO DETAIL 4/E7.0



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> GREAT LAKES TACO, LLC Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0

SITE ELECTRICAL PLAN

E1.0

PLOT DATE:

2X4 FLUORESCENT FIXTURE

2X4 FLUORESCENT FIXTURE

1X4 FLUORESCENT FIXTURE

1X4 FLUORESCENT FIXTURE

SUSPENDED DOWNLIGHT FIXTURE

PENDANT MOUNTED LIGHT FIXTURE

TRACK MOUNTED PENDANT

DIRECTIONAL FIXTURE, TRACK

DIRECTIONAL FIXTURE, TRACK

MOUNTED TO UNDERSIDE OF

EXIT SIGN (WALL MOUNTED)

EXIT SIGN (CEILING MOUNTED)

WITH BATTERY PACK

DOWNLIGHT FIXTURE

LIGHT FIXTURE

INTERIOR CANOPY

COOLER FIXTURE

SECURITY STROBE

MOUNTED

NIGHTLIGHT

JUNCTION BOX

TELEPHONE OUTLET

CEILING MOUNTED SPEAKER

WALL MOUNTED SPEAKER

WALL MOUNTED JUNCTION BOX

DEDICATED GROUNDED OUTLET

GROUND FAULT DUPLEX OUTLET

DOUBLE DUPLEX GROUNDED OUTLET

GROUND FAULT DEDICATED OUTLET

DUPLEX ISOLATED GROUND OUTLET

DEDICATED ISOLATED GROUND

CEILING SPECIAL PURPOSE OUTLET

HOLD UP EMERGENCY BUTTON

ELECTRICAL PANEL. SEE SHEET E2.1

DUCT MOUNTED SMOKE DETECTOR

CONNECTION TO EQUIPMENT

SPECIAL PURPOSE OUTLET

FOR PANEL SCHED.

ELECTRICAL MOTOR

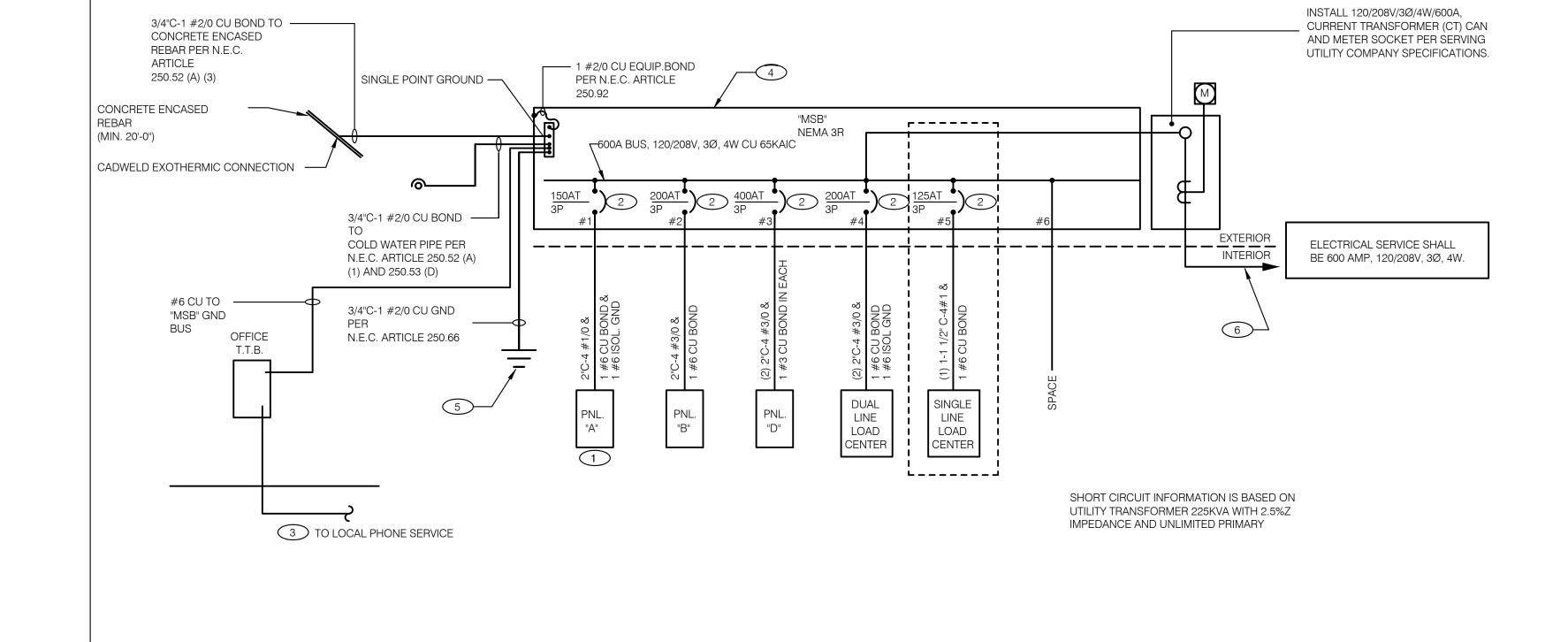
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DOUBLE DUPLEX ISOLATED GROUND OUTLET

GROUND FAULT DUPLEX W/ BOTT. HALF SWITCHED

DUPLEX GROUNDED OUTLET

CEILING DUPLEX OUTLET



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."

ENGINEER WHERE LOCAL CONDITIONS REQUIRE ALTERNATE LOCATIONS OR SINGLE POINT

GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL OTHER ASPECTS OF THE PROJECT

DISCONNECT.

CAPACITY.

THE NFPA-70 'SIX SWITCH' MAXIMUM RULE SHALL APPLY AT THE POINT AT WHICH THE SERVICE

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

ENTERS THE BUILDING AS DEFINED BY NFPA-70 (CURRENT EDITION IN FORCE AT THIS SITE). NOTIFY

SEE SCOPE OF WORK FOR DETAILS REGARDING OWNER SUPPLIED AND/OR INSTALLED PRODUCTS.

IF UTILITY COMPANY PROPOSES A SERVICE DIFFERENT FROM THAT ILLUSTRATED, CONTACT THE

COORDINATE CT METERING COMPARTMENT SIZE WITH LOCAL UTILITY COMPANY, THE LOCAL

ALL WIRING SHOWN SHALL BE COPPER TYPE "THHN/THWN" EXCEPT FEEDERS FROM UTILITY

BEFORE PURCHASE AND INSTALLATION. NEW METER BY LOCAL UTILITY COMPANY.

CABLE IS NOT ALLOWED FOR NON-ACCESSIBLE FLOORS, WALLS AND CEILINGS.

TRANSFORMER TO SWITCH BOARD MAY BE ALUMINUM.

ELECTRICAL INSPECTOR AND THE NATIONAL ELECTRICAL CODE TO MEET ALL REQUIREMENTS

CONSTRUCTION ENGINEER FOR A DECISION BEFORE PROCEEDING. COORDINATE AVAILABLE SHORT

ARMOR CABLE ACCEPTABLE FOR THE LAST 6'-0" FROM A JUNCTION BOX TO LIGHT FIXTURES. ARMOR

ONE LINE DIAGRAM GENERAL NOTES NTS

C

CIRCUIT CURRENT W/ LOCAL UTILITY AND PROVIDE CIRCUIT BREAKERS W/ SUFFICIENT INTERRUPTING

FUSIBLE DISCONNECT SWITCH

FUSIBLE DISCONNECT SWITCH

NON-FUSIBLE DISCONNECT SWITCH

FLUORESCENT WALL MOUNT FIXTURE

SINGLE POLE, SINGLE THROW

SINGLE POLE, SINGLE THROW

WALL MOUNTED OCCUPANCY

CONDUIT RUN, UNDERGROUND

EXTERIOR DECORATIVE WALL FIXTURE

EXTERIOR DECORATIVE WALL FIXTURE

WEATHERPROOF GROUND FAULT

TOGGLE SWITCH W/ PILOT LIGHT

WITH STARTER

PHOTOCELL

RAIN SENSOR

EMERGENCY LIGHT

TOGGLE SWITCH

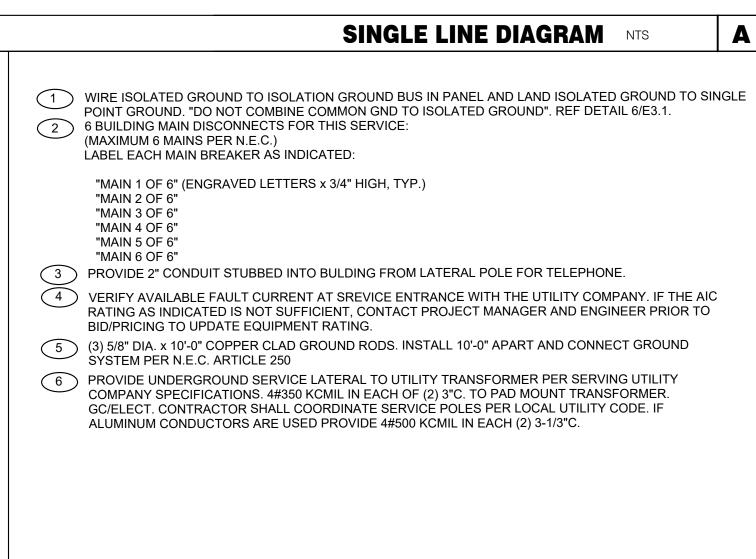
SMOKE DETECTOR

EXTERIOR WALL FIXTURE

SENSOR

RELAY

ELECTRICAL LEGEND NTS



ONE LINE DIAGRAM KEY NOTES NTS



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Pontiac, Michigan 48340

GREAT LAKES



ENDEAVOR 2.0

ELECTRICAL ONE LINE **DIAGRAMS AND LEGEND**

В

Receptacle

Switchboard: MSB A.I.C. Rating: 65 KAIC Location: Volts: 120/208 Wye Supply From: Mains Type: Phases: 3 Mains Rating: 600 A Mounting: SURFACE Wires: 4 Enclosure: NEMA-3R MCB Rating: WIRE # of **Circuit Description** CKT SIZE | Poles | Frame Size **Trip Rating** Load 1 PANELBOARD A 29516 VA 225 A 150 A 2 PANELBOARD B 57095 VA 3/0 3 225 A 200 A 3 DUAL COOK LINE PANEL 225 A 200 A 52000 VA 3/0 3 4 PANELBOARD D 600 3 400 A 400 A 34772 VA 5 SINGLE COOK LINE 225A 2 3 125 A 28800 VA 6 SPACE Total Conn. Load: 206611 VA Total Amps: 573.9 A Load Classification Connected Load Demand Factor **Estimated Demand** HVAC 36864 VA 100.00% 36864 VA Total Conn. Load: 202183 VA 24342 VA 65.00% 15823 VA Total Est. Demand: 181916 VA Lighting 4539 VA 100.00% 4539 VA Total Conn. Current: 561.6 A 100.00% Other 16532 VA 16532 VA 12068 VA 100.00% 12068 VA Total Est. Demand Current: 505.3 A Power 9080 VA 100.00% 9080 VA Receptacle 17958 VA 100.00% 17958 VA Refrigeration Dual Cook Line 52000 VA 65.00% 33800 VA SINGLE COOK LINE 18720 VA 28800 VA 65.00% TOTAL LOAD: 202183 VA 181916 VA **Branch Panel:B** A.I.C. Rating: SERIES Volts: 120/208 Wye Supply From: MSB Mains Type: M.L.O. Phases: 3 Mains Rating: 225 A Mounting: Recessed Wires: 4 Enclosure: Type 1 MCB Rating: CKT Circuit Description Size Trip Poles Poles Trip Size Circuit Description 1 20 A 21 EXTERIOR SIGNAGE 1 DINING LTS 12 20 A 1 783 VA 1500 VA 2 3 EXTERIOR SCONCE/PATIO LTS 1 20 A 12 UTILITY RECEPT 12 20 A 1 360 VA 200 VA 2 5 KITCHEN/ BOH/ RESTROOM LTS 12 20 A 1 900 VA 200 VA 1 20 A 12 CIRC PUMP CP-1 & AQUA STAT 7 LTG - SHOW WINDOW 12 20 A 1 1400 VA 0 VA 1 20 A 12 Spare 8
 1
 20 A
 12
 TBCCB

 800 VA
 500 VA
 1
 20 A
 12
 E1AN TBANS SHUNT PANEL
 9 LTG - SHOW WINDOW 12 20 A 1 600 VA 500 VA 11 LTG - COOLER & FREEZER 12 20 A 1 1 20 A 10 DRIVE THRU SPEAKER POST 13 LTG - SHOW WINDOW 12 | 20 A | 1 | 1400 VA | 360 VA 1 20 A 10 DRIVE THRU MENU BOARD 15 DRIVE THRU SPEAKER POST 10 20 A 1 360 VA | 1000 VA 16 18 2 17 DRIVE THRU MENU BOARD 10 20 A 1 1000 VA | 1000 VA | 1 | 20 A | 10 | LTG - ORDER CANOPY 2 19 LTG - ORDER CANOPY 10 20 A 1 1000 VA 0 VA 20 Space 2 21 LTG - PYLON SIGN 10 20 A 1 1000 VA 0 VA 22 24 2 23 LTG - CLEARANCE BAR 10 20 A 1 500 VA 0 VA Space 2 25 LTG - DIRECTIONAL SIGN 10 20 A 1 500 VA 0 VA
2 27 SPARE - FUTURE PREVIEW BOARD 10 20 A 1 26 28 1 20 A 0 VA 0 VA 2 29 LED Site Lighting
2 31 LED Site Lighting
2 33 EF-1 1/2 HP 8 20 A 1 748 VA 0 VA 30 1 | 20 A | 8 20 A 1 748 VA 0 VA 12 20 A 1 1 20 A 12 PURPLE WALL WASH LIGHTS 1176 VA 500 VA 2 35 EF-2 1/4 HP 12 20 A 1 696 VA 500 VA 1 20 A 12 PURPLE WALL WASH LIGHTS 3936 VA | 8352 VA 40 42 39 RTU-1 32.8 FLA 6 50 A 3 3936 VA | 8352 VA 3 |100 A | 2 |RTU-2 69.6 FLA 41 3936 VA | 8352 VA | **Total Load:** 19979 VA 17984 VA 19132 VA Total Amps: 192.1 A 193.4 A Load Classification **Estimated Demand** Panel Totals Connected Load **Demand Factor** 100.00% 36864 VA 4539 VA 100.00% 4539 VA **Total Connected Load:** 57095 VA Lighting 100.00% 14492 VA Total Estimated Demand: 57095 VA 14492 VA Other

1000 VA

200 VA

100.00%

100.00%

1000 VA

200 VA

Total Connected Current: 159.0 A

System Voltage: 120/208 Wye

Total Estimated Demand Current: 159.0 A

	Location: Supply From: MSB Mounting: Recessed Enclosure: Type 1			d				Volts: Phases: Wires:		ye			Ma Mair	ins Ty	ng: SERIES pe: M.L.O. ng: 225 A ng:	5		
	Notes		Wire		D .1							Bula		Wire			OLIT	
	CKT	Circuit Description	Size	Trip	Poles		A		<u>В</u>	C	;	Poles	Trip	Size		ircuit Description	СКТ	4
		P-417 TIMER	12	20 A	1	180 VA	300 VA	400.144	4040344			1	20 A	12		ICE COMPUTER	2	4
		S-544 ICED TEA	12	20 A	1			480 VA	1040 VA	0001/4	400144	1	20 A	12		RU POS/ORDER ENTRY 1	4	4
	5	OFFICE QUAD RECEPTACLE	12	20 A	1	4400344	4001/4			680 VA	480 VA	1	20 A	12	S-546 BRE	WER	6	4
1)		J-BOX SECURITY SYSTEM / DVR	12	20 A	1	1180 VA	180 VA					1	20 A	12	U-011		8	4
	9	L-044 HEAT CABINET	12	20 A	1			1800 VA	540 VA			1	20 A	12		CLES - OFFICE	10	4
1)		U-050 SECURITY SYSTEM	20	20 A	1					860 VA	864 VA	1	20 A	12		TIMING SYSTEM	12	4
		F-090	12	20 A	1	1540 VA	1140 VA					1	20 A	12	R-009 FUL	L HEIGHT FREEZER	14	-
		S-285 BEVERAGE DISPENSER D/T	12	20 A	1			1428 VA	2013 VA			2	30 A	10	P-452 HOT	WATER SYSTEM	16	_
	17	P-452 HOT WATER SYSTEM	10	30 A	2					2013 VA	2013 VA						18	
	19				_	2013 VA	240 VA					1	20 A	12		HERMALIZER	20	$\lfloor 3 \rfloor$
		Spare	12	20 A	1			0 VA	1040 VA			1	20 A	12		RU POS/ORDER ENTRY 2	22	
3)	23	C-026 FRYER	12	20 A	1					972 VA	100 VA	1	20 A	12	C-400 CO		24	
		Spare	12	20 A	1	0 VA	500 VA					1	20 A	12	INTERIOR	DIGITAL MENUBOARD	26	
		INTERIOR DIGITAL MENUBOARD	12	20 A	1			500 VA	500 VA			1	20 A	12	OCB SWIT	CH	28	
	29	DINING POS ENTRY 2	12	20 A	1					1040 VA	1800 VA	1	20 A	12	Power L-04	15 WARMER R TO L	30]
	31 DRIVE THRU MONITORS 1		12	20 A	1	180 VA	360 VA					1	20 A	12	F-174 SAF	E W/TOUCHSCREEN	32]
	33	Spare		20 A	1			0 VA	1540 VA			1	20 A	12	DINING PO	OS ENTRY 1	34	1
	35	Spare		20 A	1					0 VA	0 VA	1	20 A		Spare		36	1
	37	Spare		20 A	1	0 VA	0 VA					1	20 A		Spare		38	1
	39	Spare		20 A	1			0 VA	0 VA			1	20 A		Spare		40	1
		Spare		20 A	1					0 VA	0 VA	1	20 A		Spare		42	1
		Spare		20 A	1	0 VA	0 VA					1	20 A		Spare		44	1
		Spare		20 A	1			0 VA	0 VA			1	20 A		Spare		46	1
		Spare		20 A	1			0 171	• • • • • • • • • • • • • • • • • • • •	0 VA	0 VA	1	20 A		Spare		48	1
		Spare		20 A	1	0 VA	0 VA			• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	1	20 A		Spare		50	1
		Spare		20 A	1	0 171	0 171	0 VA	0 VA			1	20 A		Spare		52	1
		Spare		20 A				0 171	0 171	0 VA	0 VA	1	20 A		Spare		54	1
	- 00	Ориго		1	al Load:	781	1 3 VA	1088	1 B1 VA	1082		- ' -	2071	<u> </u>	Opuic			1
					l Amps:		1 A		.6 A	90.3		1						
	Load	Classification			nected		Demand I	·		ed Demand		1			Panel To	tals		1
)	Kitche				18572 V		65.00			2072 VA								1
	Powe				3584 V		100.00			584 VA			Total	Conne	cted Load:	29516		1
	Recep				5320 V		100.00			320 VA		To			d Demand:			1
	Other				2040 V	A	100.00)%	2	040 VA		To	tal Co	nnecte	ed Current:	82.0 A		1
											То	tal Estir	nated	Demar	nd Current:	64.0 A		1
														Syste	m Voltage:	120/208 Wye	,	1
														-	<u>~</u>			1
	Notes	::						1										1
																		_

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

KEY NOTES:

- 1 PROVIDE LOCK-ON BREAKER.
- 2 CIRCUITS TO BE WIRED THROUGH COMBINED CONTROL BOX CONTACTOR. SEE SHEETS
- PROVIDE GFI BREAKER. CIRCUIT TO BE WIRED THROUGH TBANS. SEE SHEETS E7.0 AND E7.1.



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Electrical and Mechanical Consulting Engineers 180 High Oak Road, Bloomfield Hills, MI 48304 Phone 248.528.2670 Fax 248.528.1642 www.eam-engineers.com ■ eam@eam-engineers.com

Job No.: 273-22035



441 S. LIVERNOIS ROAD SUITE 265

ROCHESTER HILLS, MI 48307 PHONE

(248) 524-4700 (248) 524-9746

PROJECT # 21017

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		DATE	REMARKS
	1	06-07-22	Review
	2	08-15-22	Bids & Permits
l			

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DRAWN BY. JOB NO.:

GREAT LAKES

TACO, LLC Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 ELECTRICAL SCHEDULES

	COMMERCIAL KITCHEN EQUIPMENT SCHEDULE																
		EQUIPMENT IDENTIFICATION	EQUIPMENT ELECTRICAL CHARACTERISTICS EQUIPMENT CIRCUIT					T	EQUIPMENT DISCONNET								
TAG	ТҮРЕ	EQUIPMENT NAME	V/Ph - WATTS	FLA/RLA	MCA	TIME DELAY FUSE	NVERSE-TIME BREAKER	SETS	BRANCH CIRCUIT	WIRE TYPE	CONDUIT TYPE	ТҮРЕ	SIZE	VEMA	SUPPLIED BY	NSTALLED BY	NOTES
B-223	Ō	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	ĆU	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	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	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-043	0	INTERIOR ROTATING MENU BOARD & REMOTE ALARM LT	120 V/1-500 VA	9.0	11.8	20	20	1	#12 W/#12 G IN 3/4"C	CU	ST	C&P	20	5-20	ES	ES	2
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-286	0	WATER FILTRATION SYSTEM	120 V/1-400 VA	2.0	2.4	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-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-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-050	0	CREDIT CARD SATELLITE ROUTER JUNCTION	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
U-061	0	RECEIPT PRINTER	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
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
U-100	0	POS/ORDER ENTRY TERM	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
U-238	0	DRIVE THRU MONITOR	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-075	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.

5 - SINGLE PHASE, THREE WIRE EQUIPMENT. PROVIDE NEUTRAL CONDUCTOR AND GROUND. 6 - THREE PHASE, FOUR WIRE EQUIPMENT, PROVIDE NEUTRAL CONDUCTOR AND GROUND.

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.

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

Branch Panel:D Location: Volts: 120/208 Wye A.I.C. Rating: SERIES Supply From: MSB Phases: 3 Mains Type: M.L.O. Mounting: Recessed Wires: 4 Mains Rating: 400 A Enclosure: Type 1 MCB Rating: **Circuit Description** Size Trip Poles Poles | Trip | Size | Circuit Description 1 CARBONATOR S-513, S-570 1 20 A Spare 3 B-223 WATER HEATER IGNITION 1 20 A 12 ALTERNATE PAYMENT ROUTER BOX AN... 4 12 | 20 A | 1 744 VA | 1000 VA 12 20 A 1 180 VA 680 VA 1 20 A 12 IRRIGATION TIMER AND RECEPTACLE 5 Receptacle 7 S-286 WATER FILTER SYSTEM 12 | 20 A | 1 | 564 VA | 500 VA 1 20 A 12 MUSIC SYSTEM J-BOX AND RECEPTACLE 8 9 RECEPTACLES - ROOF 12 20 A 1 540 VA | 1560 VA 10 S-739 FROZEN BEV. DISP. 11 CONVIENCE RECEPTACLES 12 20 A 1 720 VA | 1560 VA | 12 13 GENERAL PURPOSE RECEPTACLES 12 20 A 1 1440 VA 1600 VA 14 2 20 A 12 ICE MAKER CONDENSER D/T 15 DRINK FOUNTAIN - S-284 AND S-513 12 20 A 1 1254 VA | 1600 VA | 17 ICE MAKER CONDENSER 18 | 1600 VA | 1600 VA | 12 20 A 2 2 20 A 12 ICE MAKER CONDENSER 1600 VA | 1600 VA 21 S-286 WATER FILTER SYSTEM 12 20 A 1 22 24 400 VA 2370 VA 2 | 20 A | 12 | N-043 POWER SOAK 23 B-381 AMPROBE CO2 MONITOR 12 20 A 1 156 VA 2370 VA 25 Spare 1 20 A 12 MUSIC SYSTEM (MUZAK) 26 20 A 1 0 VA 500 VA 27 Spare 20 A 1 0 VA | 1393 VA | 28 30 29 Spare 20 A 1 3 20 A 12 W-075 WALK-IN FREEZER 0 VA | 1393 VA | 31 Spare 20 A 1 0 VA | 1393 VA | 34 33 Spare 20 A 1 0 VA | 1393 VA | 36 38 40 35 Spare 20 A 1 0 VA | 1393 VA | 3 | 20 A | 12 | W-075 WALK-IN FREEZER 37 Spare 20 A 1 0 VA | 1393 VA 39 Spare 20 A 1 0 VA | 0 VA 1 20 A 41 Spare 20 A 1 42 11652 VA Total Load: 12254 VA Total Amps: 90.5 A 102.1 A 97.1 A Panel Totals Load Classification **Estimated Demand** Connected Load Demand Factor 5770 VA 65.00% 3751 VA Kitchen 7484 VA 100.00% 7484 VA **Total Connected Load:** 34772 VA Total Estimated Demand: 32753 VA 100.00% Receptacle 3560 VA 3560 VA Total Connected Current: 96.6 A Refrigeration 17958 VA 100.00% 17958 VA

Total Estimated Demand Current: 91.0 A

System Voltage: 120/208 Wye



EAM Engineers, Inc.

Phone 248.528.2670 Fax 248.528.1642



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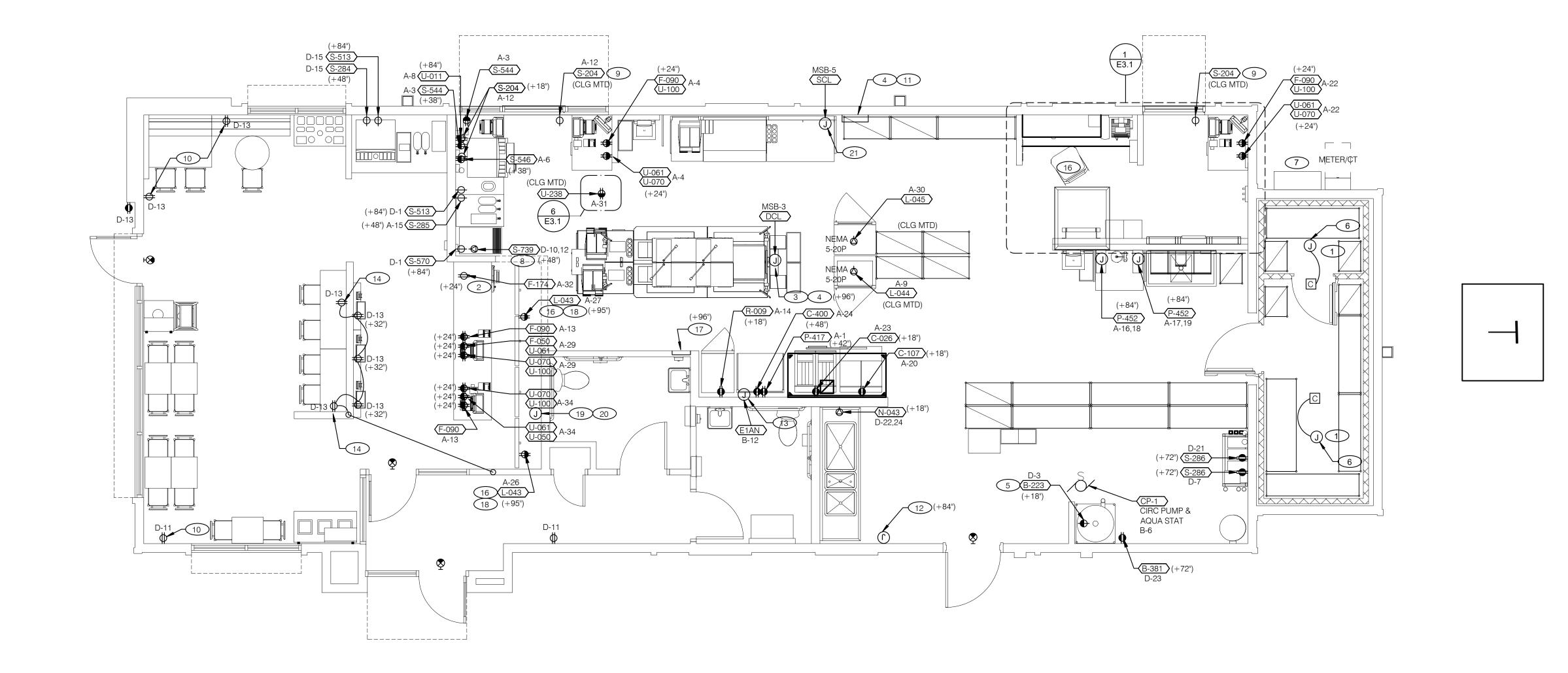
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ENDEAVOR 2.0 ELECTRICAL SCHEDULES



NOTE

5mA GFCI BREAKERS MUST BE USED WHERE OUTLETS REQUIREING 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, U.O.N.
- 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 NOT 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(B)(2) NEC 2017, ALL 15 AND 20A, 120V AND 50A OR LESS AND 208V SINGLE AND 3 PHASE 100A OR LESS RECEPTACLES IN COMMERCIAL KITCHENS ARE REQUIRED TO BE GFCI PROTECTED. THIS INCLUDES ISOLATED GROUND RECEPTACLES
- DO NOT MEASURE/LOCATE OUTLETS ON DRAWINGS. USE DIMENSIONS PROVIDED.
- CONDUIT MAY RUN UNDER SLAB AT G.C.'S DISCRETION.
- E.C. SHALL PROVIDE A PREPRINTED SELF-ADHESIVE LABEL ON ALL POS RECEPTACLES STATING "POS USE ONLY".
- PROVIDE ESCUTCHEON PLATES AND SEALANT AT ALL UTILITY PENETRATIONS INTO WALLS, CEILING, AND FLOORS. DO NOT USE CAULKS OR EXPANSION FOAM FOR SEALANT.
- ARMOR CABLE (BX) ALLOWED WHERE ACCEPTABLE BY CODE. ALL WIRE SHALL BE CONCEALED O.N.U.
- 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 (LARGER) SIZE SHALL BE PROVIDED.
- R. OUTLETS WITHIN FOH TO BE AT 18" AFF FOR ADA ACCESS.
- CONDUITS NEAR DRIVE THRU WINDOW AREA TO BE ROUTED FROM ABOVE CEILING OR STUBBED UP FROM UNDER SLAB SO AS TO NOT INTERFERE WITH WINDOW FRAMING.

- 1) REFER TO ROOF PLAN.
- (2) INSTALL IN CONDUIT RUNNING ON SURFACE OF KITCHEN SIDE OF CABINETRY REAR
- 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 ALL REQUIREMENTS WITH ACTUAL EQUIPMENT OF LONGED. THE MARKED.

 FULLY PRE-WIRE THE COMPLETE MAPS LINE AT THE FACTORY. THE UNITS WILL THEN BE

 WANTED ADAPT FOR SUIDDING BURDOSES ALL CONNECTION POINTS WILL BE MARKED.

 MANAGED THE CONDUIT RUNS WILL BE COILED UP FOR FIELD INSTALLATION. SOME ELECTRICAL COMPONENTS MAY BE REMOVED FOR EASE OF DISASSEMBLING THE LINE-UP. THE 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
- (4) EQUIPMENT CABINET.
- (5) LOCATED INSIDE SHELL OF HEATER.
- 6) INSTALL CONTROL CABLE FROM FREEZER/COOLER FAN COIL TO ROOF MOUNTED CONDENSOR.
- 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 6/E3.1

- (10) PROVIDE DUPLEX RECEPTACLE WITH TWO (2) USB CHARGING
- (11) VERIFY PANEL LOCATION OF COOK LINE WITH TACO BELL CONSTRUCTION MANAGER PRIOR TO INSTALLATION.

- (14) E.C. SHALL PROVIDE, INSTALL AND WIRE A DUPLEX RECEPTACLE WITH (2) USB POWER PORTS IN SINGLE-GANG BOX PROVIDED WITH TABLE, AT EACH END OF THE TABLE. PROVIDE GALVANIZED COVER
- RECONNECTED. SOME ELECTRICAL COMPONENT ASSEMBLY MAY ALSO BE REQUIRED. 15 NOT USED

PLATE TO MATCH BOX.

- QUAD RECEPTACLE FOR FUTURE DIGITAL MENUBOARD. TYPICAL OF
- 2-GANG FLUSH BOX WITH DEAD-FRONT GFCI DEVICES. MOUNT CENTER OF BOX AT 48" A.F.F.. REFER TO E7.0.
- (18) 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 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.



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> (248) 524-4700 (248) 524-9746 PROJECT # 21017

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ENDEAVOR 2.0 ELECTRICAL POWER PLAN

GENERAL NOTES - ELECTRICAL POWER PLAN NTS

C

KEY NOTES - ELECTRICAL POWER PLAN NTS

* AS A SAFETY PATH TO GROUND.

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

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

BE SURE TO:

* USE AN INSULATED CONDUCTOR FOR THE ISOLATED GROUND WIRE.

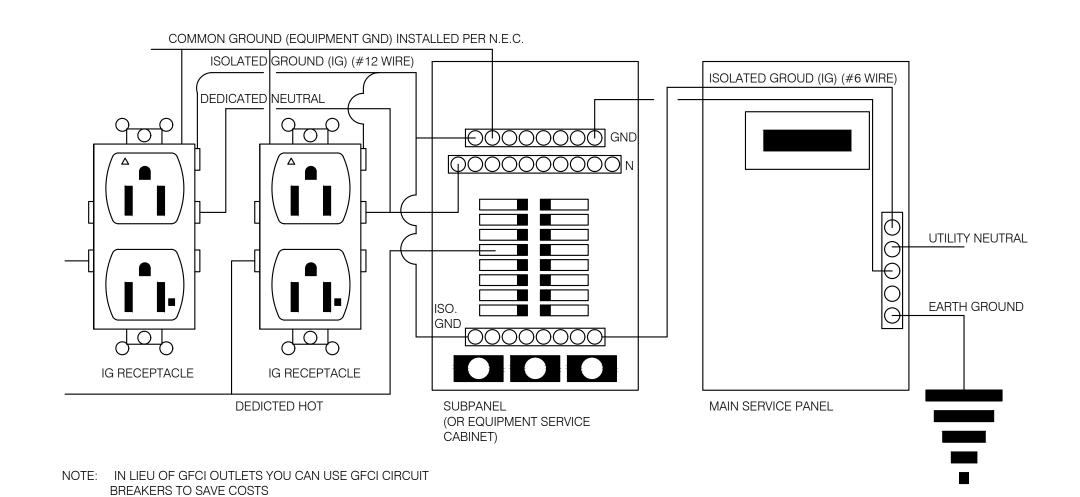
* RUN THE ISOLATED GROUND WIRE THROUGH THE SAME CONDUIT AS THE HOT AND NEUTRAL WIRES. * INSTALL ONLY ISOLATED GROUND (IG) TYPE RECEPTACLES.

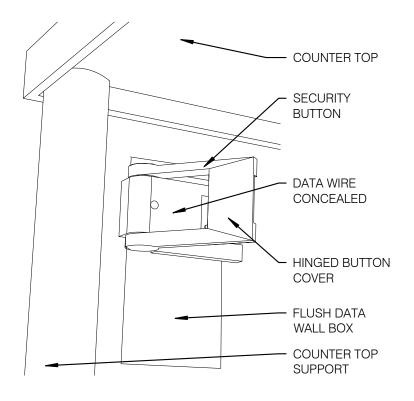
* CONNECT THE ISOLATED GROUND WIRE TO BUILDING GROUND <u>ONLY</u> AT THE MAIN SERVICE PANEL.

* VERIFY THAT IG RECEPTACLES PRE-WIRED IN OWNER SUPPLIED EQUIPMENT HAVE A <u>TRUE</u> ISOLATED GROUND THAT CAN BE TRACED BACK TO THE BUILDING GROUND AT THE MAIN SERVICE PANEL.

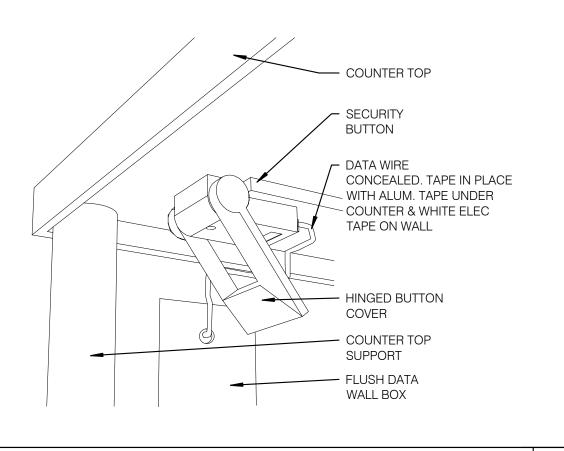
DO NOT CONNECT THE ISOLATED GROUND WIRE TO THE CONDUIT, JUNCTION BOXES, THE FRAME ON A SUBPANEL, OR ANY OTHER METAL SURFACE.

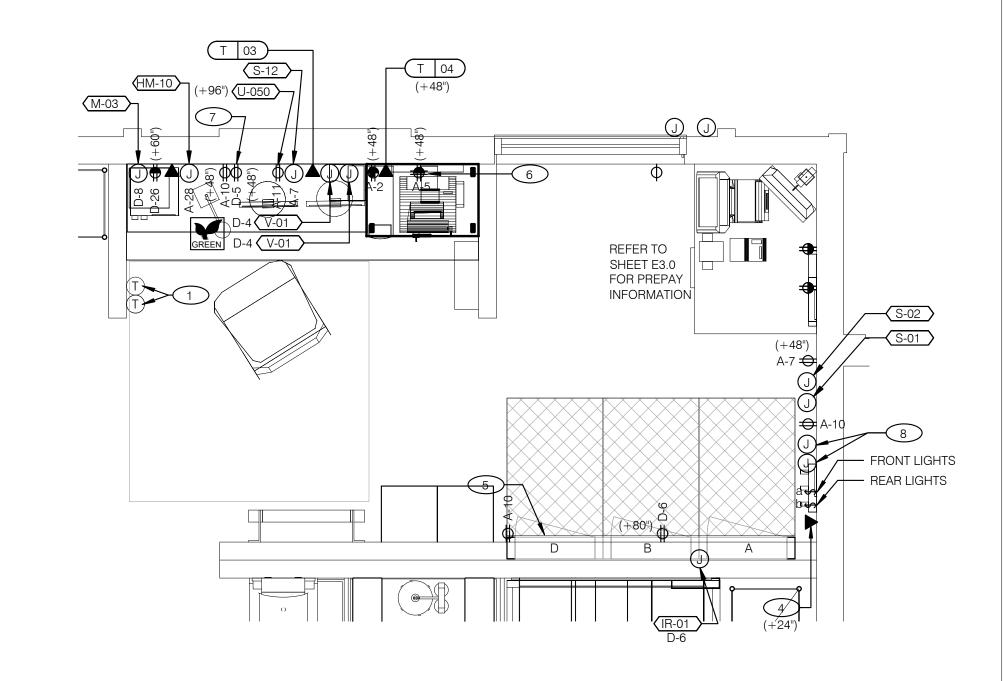
<u>DEDICATED CIRCUITS</u>: DEDICATED CIRCUITS REQUIRE A DEDICATED HOT AND A DEDICATED NEUTRAL THAT ARE NOT SHARED WITH ANY OTHER CIRCUITS. IG RECEPTACLES MUST BE "PHASE ALIGNED" WITH THE "B" PHASE OF BUILDING SUBPANEL "A".





SECURITY BUTTON ON WALL NTS





P.O.S. ISOLATED GROUND SYSTEM NTS

SECURITY BUTTON UNDER COUNTER NTS

ENLARGED POWER AND COMMUNICATIONS PLAN (OFFICE)

1 THERMOSTATS CONTROLS.

2 DISPLAY UNIT FOR HM-02.

3 DUAL-OUTPUT DETECTOR FOR HM-02

4 PHONE JACK FOR MODEM.

5 LOCATION OF TBCCB COMBINED CONTROL BOX. COORDINATE EXACT LOCATION IN THE FIELD. CONSIDER OPERATOR NEED TO ACCESS SWITCHES ON THE FRONT OF THE CONTROL BOX AND BUILT IN OCCUPANCY SENSOR FOR MANAGERS OFFICE.

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

7 ROUTE CIRCUIT THROUGH TBCCB OCCUPANCY SENSOR FOR CONTROLLED RECEPTACLE.

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



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Phone 248.528.2670 Fax 248.528.1642



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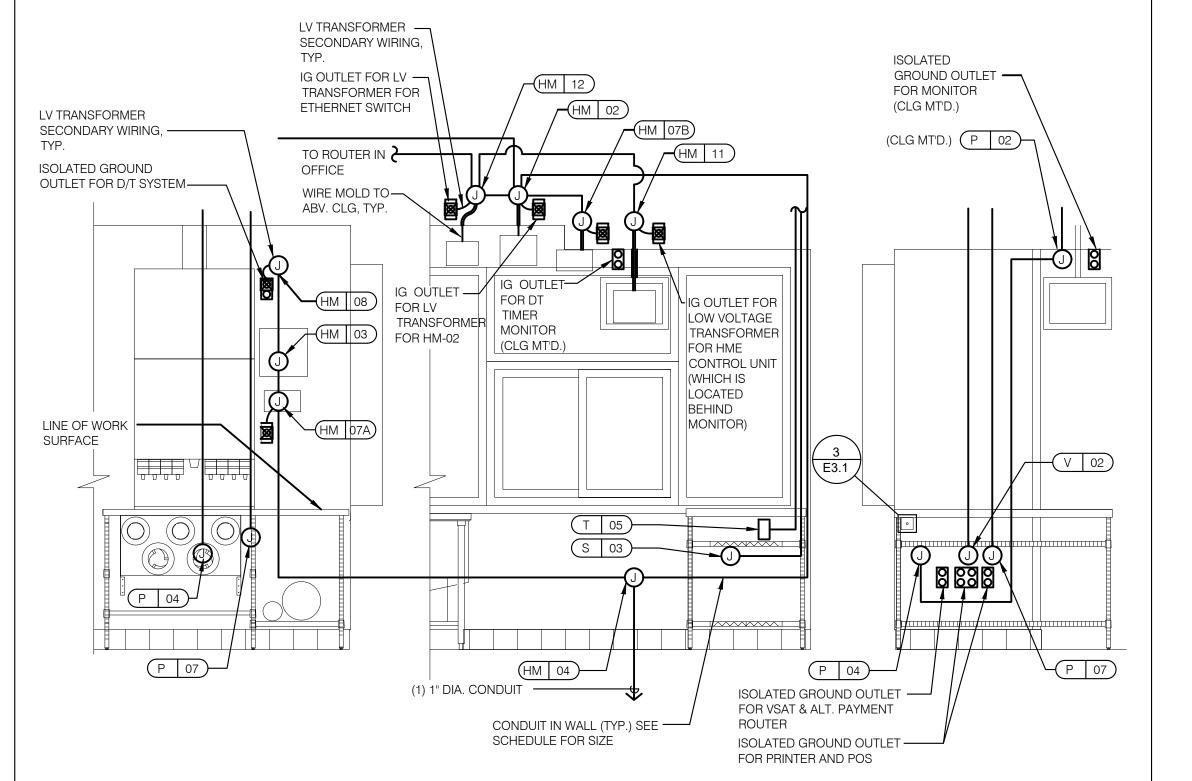
GREAT LAKES TACO, LLC Walton Boulevard

Pontiac, Michigan 48340



ENDEAVOR 2.0 ENLARGED

POWER PLAN AND DETAILS

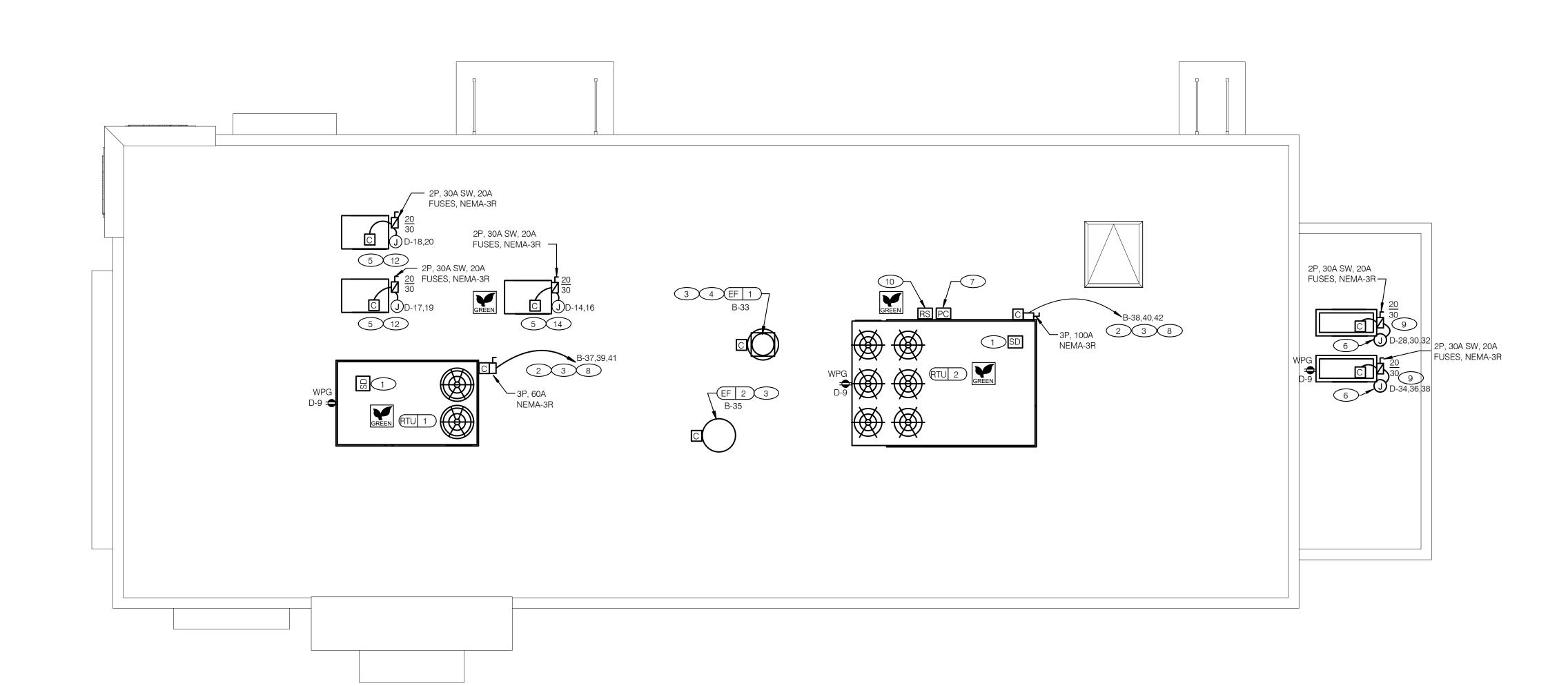


<u>NOTE</u> TBCCB AND TBANS REQURE VISUAL INSTALLATION VERIFICATION CERTIFICATE. CONTACT <u>CERTIFY@ACE-BCX</u>.COM OR CALL 949 770 2222 FOR CERTIFICATE. SEE SHEET SW2.0

ENLARGED INTERIOR ELEVATION (D/T WINDOW) NTS

DECED TO COMMI INICATIONIC COURD! II E ONI CHEET EF O EOD EO! IIDMENT DECODIDTIONIC/MO! INITINIC LITC

6



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

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

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

D. ALL EXPOSED ELECTRICAL CONDUITS SHALL PENETRATE ROOF MEMBRANE AT PIPE HOODS U.O.N.

REFER TO ELECT. EQUIP. SCHEDULE AND ELECT. ROUGH-IN PLAN.

F. 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.

ALL WIRING AND CONDUITS SHALL BE CONCEALED. NO CONDUITS PERMITTED TO RUN EXPOSED ACROSS ROOF DECK. ROUTE ALL CONDUITS THROUGH EQUIPMENT ROOF CURBS OR ARCHITECT SPECIFIED ROOF PENETRATIONS.

ARMOR CABLE (BX) 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

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.

11 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.

- (13) COORDINATE LOCATION OF J-BOX WITH SIGN VENDOR. SEE SCOPE OF WORK.
- 1/2" C, WITH REQ'D CONDUCTORS TO J-BOX IN CEILING ABOVE FROZEN BEVERAGE MACHINE. MAKE CONNECTION TO BEVERAGE MACHINE AND ASSOCIATED CONDENSING UNIT.

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

EAM Engineers, Inc.

Electrical and Mechanical Consulting Engineers



441 S. LIVERNOIS ROAD SUITE 265

ROCHESTER HILLS, MI 48307 PHONE

(248) 524-4700 (248) 524-9746 PROJECT # 21017

11(00201 // 21011						
	DATE	REMARKS				
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Pontiac, Michigan 48340

ENDEAVOR 2.0 ELECTRICAL POWER ROOF PLAN

В

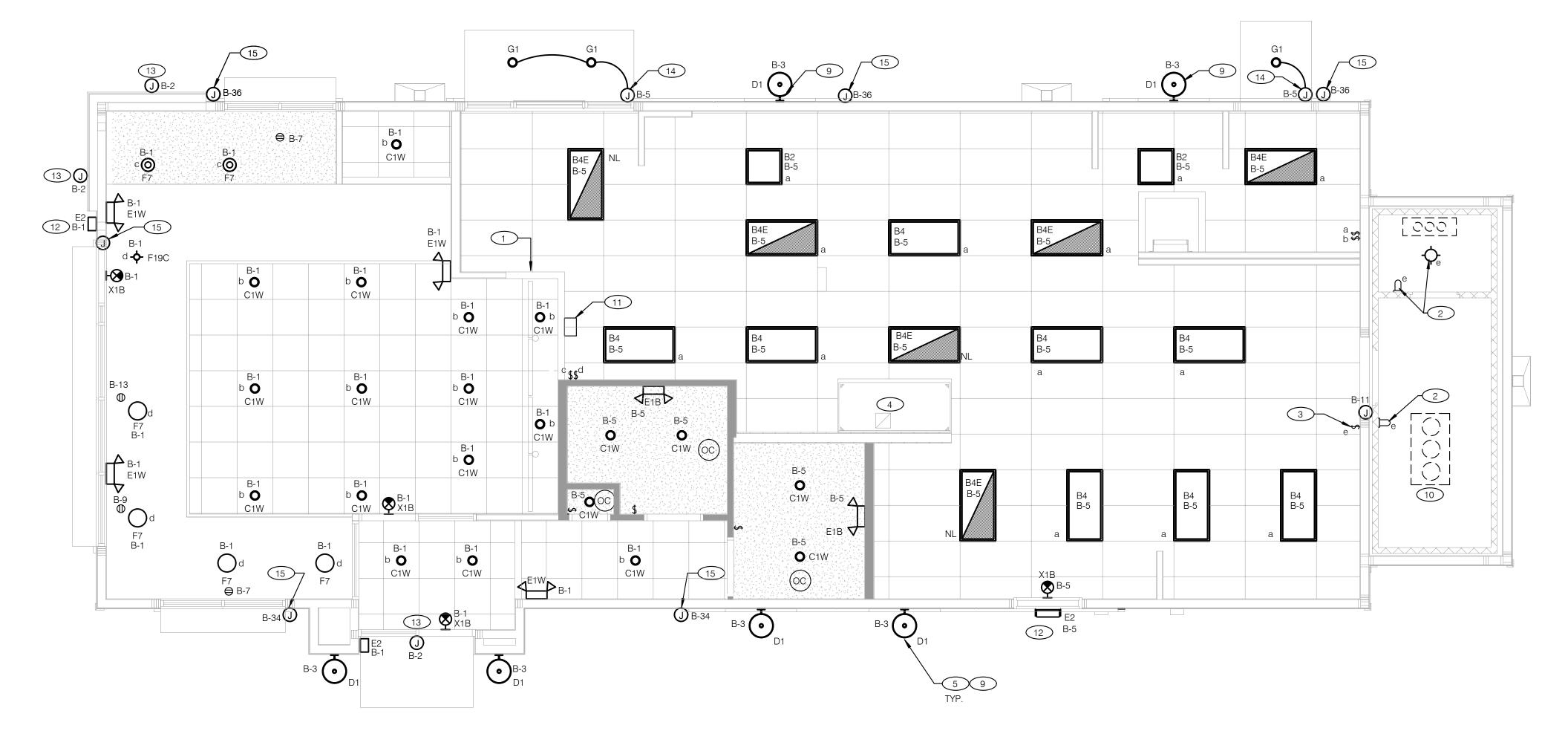
FD6R4CCT

SIGNIFY

LIGHTOLIER

6" DIAMETER RECESSED LED FLAT DOWN

LIGHT, DIFFUSED LENS, WET LISTED



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. EMERGENCY LIGHTING NOT MARKED WITH "NL" SUBSCRIPT SHALL OPERATE UNDER CONTROL OF LIGHTING SWTICH AS INDICATED. PROVIDE <u>UNSWITCHED</u> CONSTANT HOT TO EMERGENCY BALLAST

ALL CONDUITS ENTERING OR LEAVING COOLER/FREEZER SHALL BE PROVIDED WITH SEAL-OFF

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

AND SWITCHED HOT TO NORMAL BALLAST.

ALL INTERIOR LIGHTING CIRCUITS TO BE WIRED THROUGH TBCCB . SEE E6.0 THROUGH E6.3.

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 THRU E6.3 FOR

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

1	PRE-FABRICATED & PRE-FINISHED SOFFIT. REFER TO A7.1 FOR SPECIFICS. (OPTIONAL).	
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FOR LIGHTING FIXTURES, CONDUIT, CONDUCTORS AND INSTALLATION RESPONSIBILITIES, REFER TO SCOPE

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.

COORD. J-BOX LOCATION WITH WOOD FRAMING SO IT REMAINS CONCEALED BEHIND FIXTURE. VERIFY MOUNTING HEIGHT WITH ARCH. DWGS.

6 NOT USED.

7 NOT USED.

8 NOT USED.

FIXTURE PROVIDED BY OTHERS

INSTALLED & WIRED BY ELEC

9 REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS ON A4.0 AMD A4.1 FOR DIMENSIONED LOCATION OF

(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.

(13) 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. COORDINATE EXACT LOCATIONS WITH ARCHITECTURAL ELEVATIONS. COORDINATE REQUIREMENTS WITH VENDOR.

NO. MANUFACTURER CATALOG NUMBER DESCRIPTION MOUNTING LAMP #/TYPE TYPE A1 LSI INDUSTRIES MRM-LED-24L-SIL-FT-UNV-DIM- 40-70CRI-BRZ=FIXTURE LED POLE MOUNTED FIXTURE, FORWARD THROW, 0-10V DIMMING, 4000CCT, 70CRI. BOTH POLE AND FIXTURE FINISHED IN BRONZE. A4 LSI INDUSTRIES 4SQB3- A125-22'-6"-S-BRZ=POLE 2'-6" ALUMINUM SQUARE POLE ON CONCRETE BASE. B2 ABB FLP22-D53W40 2X2 LED TROFFER RECESSED B4 ABB FLP24-D53W40 2X4 LED TROFFER RECESSED B4 ABB FLP24-D53W40-EM 2X4 LED TROFFER RECESSED B4 ABB FLP24-D53W40-EM 2X4 LED TROFFER RECESSED B4 ABB FLP24-D53W40-EM 2X4 LED TROFFER RECESSED B5 LED TIM 14W 6" RECESSED LED CTW MAXLITE B6IC-AT-W- LED14DR5630KB95 WHITE TRIM, W ELITE B6IC-AT-W 6" IC AIR SHUT HOUSING D1 SPECTRUM ZV1206GV-15L-40K-DX-MFO-WM- FCL-PT-WLKA SELECTED BY ARCH, 2" FROSTED MINI ENCLOSURE, WET LISTED. E1B ELITE ELM-809-B EMERGENCY LIGHT FROG EYE - BLACK WALL, TOP @ 9-4" U.O.N. E1C TEM 14 W FLITE FOR EYE - WHITE WALL, TOP @ 9-4" U.O.N. E1C TEM 24 LUMINUM POLE AND 2'-6" ALUMINUM POLE AND 2'-6" CONCRETE BASE. LED TM AN A		A REMARKS
40-70CRI-BRZ=FIXTURE 0-10V DIMMING, 4000CCT, 70CRI. BOTH POLE AND FIXTURE FINISHED IN BRONZE. A4 LSI INDUSTRIES 4SQB3- A125-22'-6"-S-BRZ=POLE 22'-6" ALUMINUM SQUARE POLE ON CONCRETE BASE 22'-6" ALUMINUM POLE MOUNTED TO 2'-6" CONCRETE NA NA BAB FLP22-D53W40 2X2 LED TROFFER RECESSED LED ABB FLP24-D53W40 2X4 LED TROFFER RECESSED LED ABB FLP24-D53W40-EM 2X4 LED TROFFER RECESSED B4E ABB FLP24-D53W40-EM 2X4 LED TROFFER RECESSED LED CTW MAXLITE B6IC-AT-W- LED14DR5630KB95 LED TRIMIN 4W 6" RECESSED 30K 80CRI WHITE TRIM, W/ ELITE B6IC-AT-W 6" IC AIR SHUT HOUSING D1 SPECTRUM ZV1206GV-15L-40K-DX-MFO-WM-FCI-PT-WLKA SELECTED BY ARCH, 2" FROSTED MINI ENCLOSURE, WET LISTED. E1B ELITE ELM-809-B EMERGENCY LIGHT FROG EYE - BLACK WALL, TOP @ 9'-4" U.O.N. - EM	9856 LUMENS 0 V/1-0 VA 120 V/1-45 VA 120 V/1-45 VA 120 V/1-45 VA	- -
BASE. BACKSSED BECESSED B	120 V/1-45 VA 120 V/1-45 VA 120 V/1-45 VA	- -
B4 ABB FLP24-D53W40 2X4 LED TROFFER RECESSED LED	120 V/1-45 VA 120 V/1-45 VA	-
B4E ABB FLP24-D53W40-EM 2X4 LED TROFFER RECESSED 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 D1 SPECTRUM ZV1206GV-15L-40K-DX-MFO-WM-FCI-PT-WLKA SELECTED BY ARCH, 2" FROSTED MINI ENCLOSURE, WET LISTED. E1B ELITE ELM-809-B EMERGENCY LIGHT FROG EYE - BLACK WALL, TOP @ 9'-4" U.O.N. RECESSED RECESSED RECESSED VERIFY MOUNTED HEIGHTS WITH ARCHITECTURAL ELEVATIONS VERIFY MOUNTED HEIGHTS WITH ARCHITECTURAL ELEVATIONS EMERGENCY LIGHT FROG EYE - BLACK WALL, TOP @ 9'-4" U.O.N.	120 V/1-45 VA	-
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 D1 SPECTRUM ZV1206GV-15L-40K-DX-MFO-WM-FCI-PT-WLKA E1B ELITE ELM-809-B LED WHITE TRIM, W/ ELITE B6IC-AT-W 6" IC AIR SHUT HOUSING VERIFY MOUNTED HEIGHTS WITH ARCHITECTURAL ELEVATIONS EMERGENCY LIGHT FROG EYE - BLACK WALL, TOP @ 9'-4" U.O.N.		
WHITE TRIM, W/ ELITE B6IC-AT-W 6" IC AIR SHUT HOUSING D1 SPECTRUM ZV1206GV-15L-40K-DX-MFO-WM-FCI-PT-WLKA SELECTED BY ARCH, 2" FROSTED MINI ENCLOSURE, WET LISTED. E1B ELITE ELM-809-B EMERGENCY LIGHT FROG EYE - BLACK WALL, TOP @ 9'-4" U.O.N. WHITE TRIM, W/ ELITE B6IC-AT-W 6" IC AIR SHUTCH AIR SELECTED BY ARCH, 2" FROSTED MINI ENCLOSURE, FINISH ARCHITECTURAL ELEVATIONS WALL, TOP @ 9'-4" U.O.N. EMBAGENCY LIGHT FROG EYE - BLACK WALL, TOP @ 9'-4" U.O.N.	120 \//1_14 \/A	-
FCI-PT-WLKA SELECTED BY ARCH, 2" FROSTED MINI ARCHITECTURAL ELEVATIONS ENCLOSURE, WET LISTED. E1B ELITE ELM-809-B EMERGENCY LIGHT FROG EYE - BLACK WALL, TOP @ 9'-4" U.O.N EM	120 7/1-14 7/	-
, ,	120 V/1-11 VA	-
E1W ELITE ELM-809-W EMERGENCY LIGHT FROG EYE - WHITE WALL, TOP @ 9'-4" U.O.N EM	120 V/1-12 VA	-
	120 V/1-12 VA	-
E2E LITHONIA WDGE1 LED P1 40K 80CRI VF LED EM WALL MNT, DRK BRNZ, VERIFY MOUNTED HEIGHTS WITH ARCHITECTURAL ELEVATIONS - EM	120 V/1-10VA 1,120 LUMENS	-
F7 HI-LITES H24212-96-CB15-20WLBL-6OP 12" GALVANIZED PENDANT WITH BLACK PENDANT, 6'-0" A.F.F. 1/LED 10A19D0D27K NA CORD AND CANOPY MED BASE SOCKET	120 V/1-20 VA	-
F19C SPECTRUM SPCO304INC-MWL(25W)PAR20- LED PENDANT - 3" PENDANT, 6'-0" A.F.F. 1/LED LR20/40/27K/975/BK NA LIGHTING CM-180"-MB	120 V/1-9 VA	-
X1B LIGHTALARMS GRANNRB LED UNIVERSAL MNTG THERMOPLASTIC UNIVERSAL	120 V/1-3 VA	-

RECESSED @ 9'-0"AFG

1/LED-14W-40K-900LM



EAM Engineers, Inc.

Electrical and Mechanical Consulting Engineers 180 High Oak Road, Bloomfield Hills, MI 48304 Phone 248.528.2670 Fax 248.528.1642 www.eam-engineers.com ■ eam@eam-engineers.com

Job No.: 273-22035



441 S. LIVERNOIS ROAD SUITE 265

ROCHESTER HILLS, MI 48307 PHONE (248) 524-4700 (248) 524-9746

PROJECT # 21017

	DATE	REMARKS
1	06-07-22	Review
2	08-15-22	Bids & Permits

CONTRACT DATE:

BUILDING TYPE: END. MED 40

PLAN VERSION: MARCH 2021

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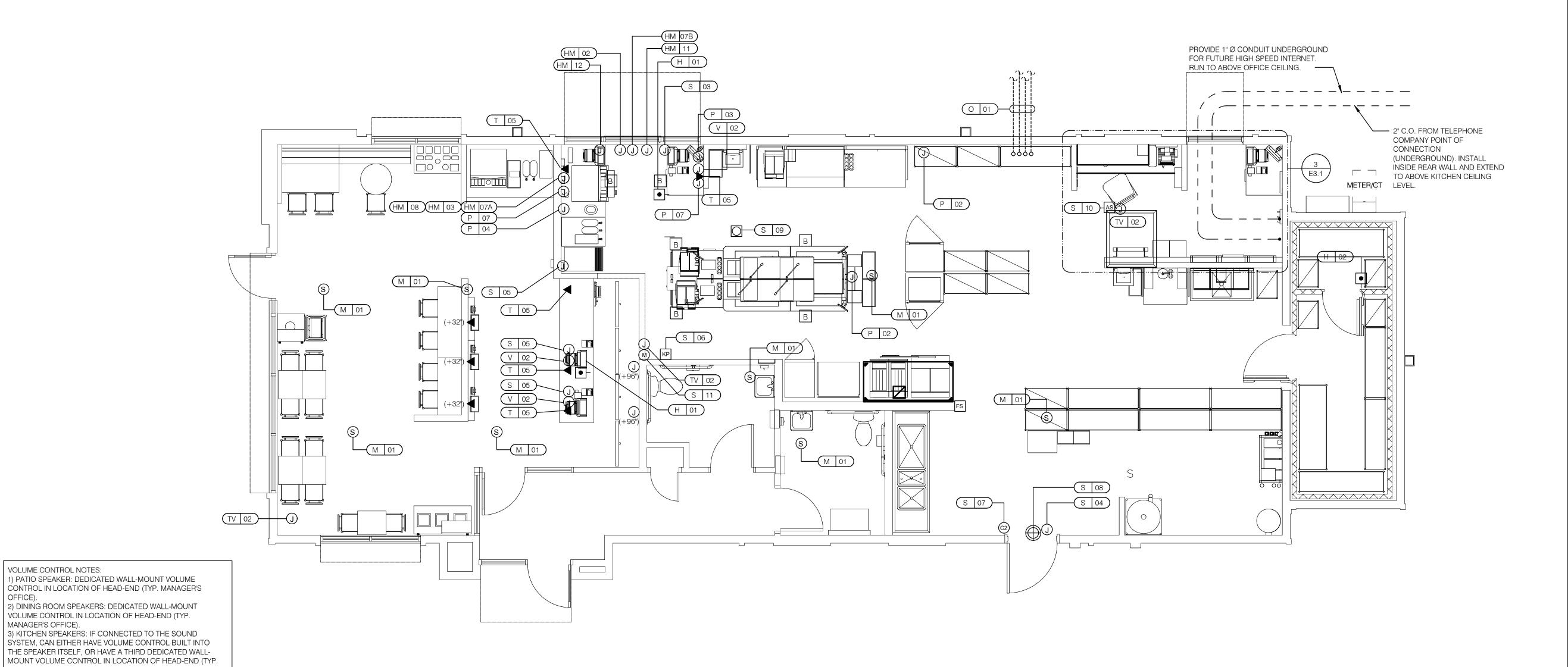
GREAT LAKES TACO, LLC Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 LIGHTING PLAN

AND DETAILS

B



HOLD-UP BUTTON (MOUNT 2-1/2" BEHIND COUNTER EDGE)

S MUSIC SYSTEM SPEAKERS SECURITY STROBE

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

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

•C→ USB OUTLET

COMMUNICATIONS LEGEND NTS

VOLUME CONTROL NOTES:

MANAGER'S OFFICE).

MANAGER'S OFFICE).

4) RESTROOM SPEAKERS: VOLUME CONTROL BUILT INTO

DOOR CONTACT (LINKED TO AUDIO / VISUAL ALARM)

"SOUND ALERT" DEVICE

KP KEYPAD (MTD AT 48" A.F.F.)

AS ALARM SIREN ABOVE CLG

FS HOOD FIRE SUPPRESSION SYSTEM PULL STATION

B BUMP PAD (MOUNT AT FRONT COUNTER)

В

OFFICE).

SPEAKER.

- A. SUPPLY AND INSTALL OUTLETS AND CONDUIT FOR OWNER SUPPLIED AND INSTALLED CABLE AND LOW VOLTAGE WIRING (U.O.N.). TELEPHONE AND MUSIC SYSTEM WIRING SHALL BE SUPPLIED AND INSTALLED. SEE SCOPE OF WORK SHEETS.
- SEE SHEETS E3.0 AND E3.1 FOR ELECT. INFO ON POS, SECURITY SYSTEM, CCTV SYSTEM, (OFFICE) COMPUTER, DRIVE-THRU TIMER AND DRIVE-THRU COMMUNICATION SYSTEM.
- THIS PLAN INCLUDES CONDUITS AND J-BOXES FOR POS, SECURITY SYSTEM, CCTV SYSTEM, (OFFICE) COMPUTER, TELEPHONE SYSTEM, MUSIC SYSTEM, DRIVE-THRU TIMER AND DRIVE-THRU COMMUNICATION SYSTEM.
- D. ALL OUTLETS AND BOXES MOUNTED IN THE SERVING COUNTER CABINETRY ARE TO BE 24" AFF. INSTALL JUNCTION BOXES WITH CONDUIT UNDER CABINET TO NEAREST WALL AND TO ABOVE CEILING.

COMMUNICATIONS NOTES NTS

	COMMUNICATIONS 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.					
S	07	J-BOX SECURITY SYSTEM	TOP OF JAMB	2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABOVE CEILING FOR DOOR CONTACT.					
S	08	"SOUND ALERT" DEVICE	CEILING	CONNECT TO SECURITY SYSTEM.					
S	09	SECURITY STROBE LIGHT	CEILING	CONNECT TO SECURITY SYSTEM.					
S	10	ALARM SIREN	ABV. CEILING	CONNECT TO SECURITY SYSTEM.					
S	11	MOTION / HEAT DETECTOR	+78" A.F.F.	STUB 1/2" CONDUIT. D5835 OR D5820. MOUNT 90" A.F.F. FOR OFFICE					

		C	OMMUNICATIO	NS 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.
Т	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		+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		+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



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SUITE 265 ROCHESTER HILLS, MI 48307 PHONE

> (248) 524-4700 (248) 524-9746 DDO IECT # 24047

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PA/PM:

DRAWN BY.:

JOB NO.:

GREAT LAKES TACO, LLC Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 COMMUNICATIONS **PLAN**

- 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 motion
- when a remote Occupied switch is in the Occupied position
- 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
- 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 mode.

(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 following occur:

- 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

——— 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

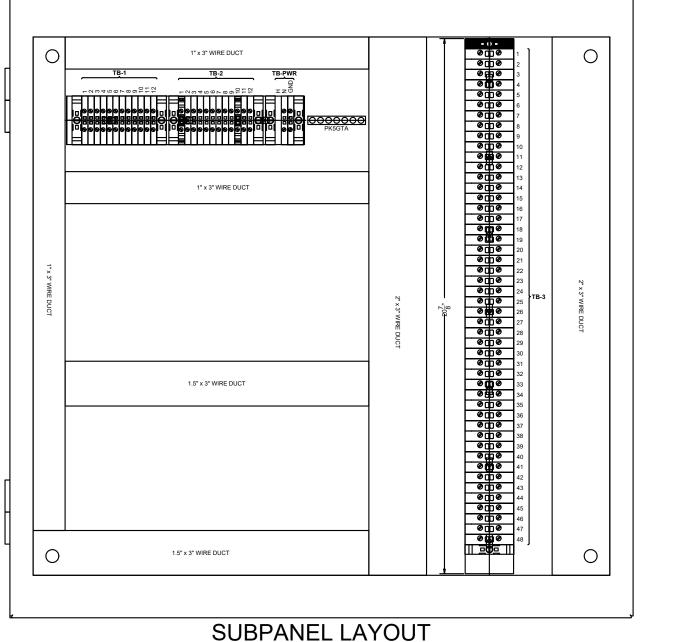
External Operations Not Part Of The Control Box

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

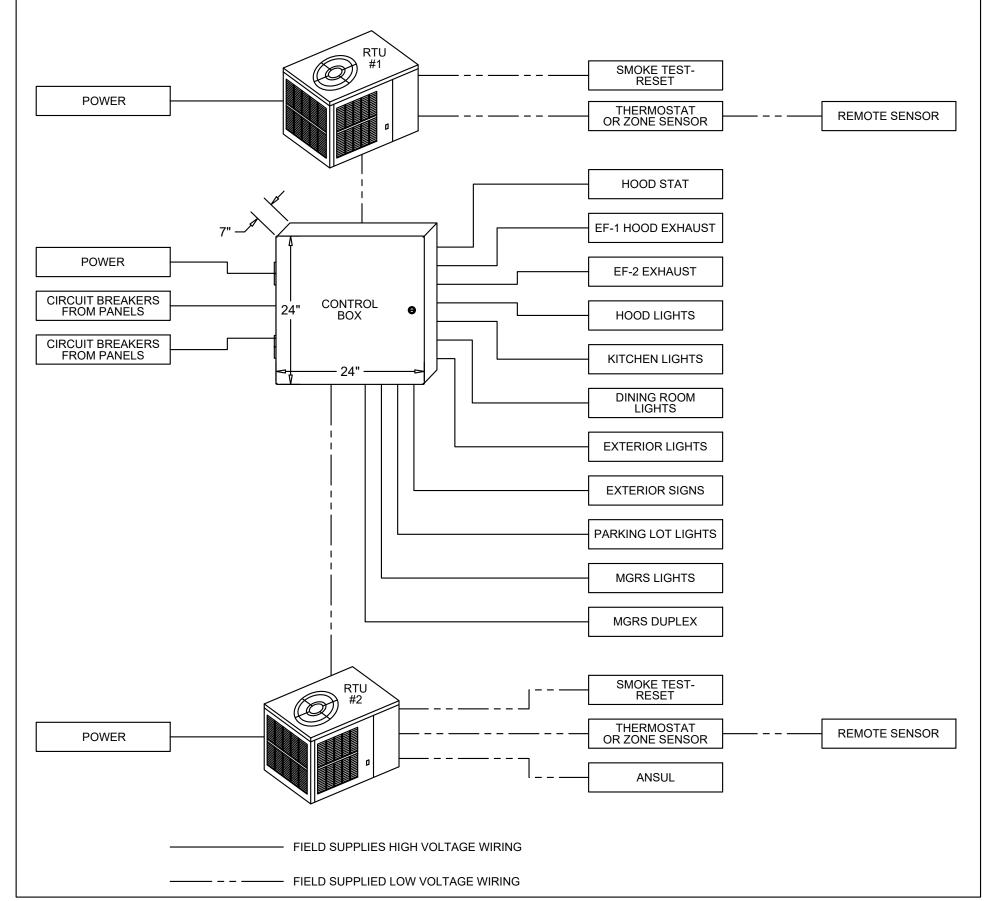
- Control voltage for RTU 2 shall pass through contacts in the fire suppression system for the exhaust hood so that RTU 2 evaporator fan shuts down upon an activation of the fire suppressant into the hood. The system shall be wired directly between the fire suppression system and RTU 2 or TBANS control 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" | Continue | Co

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TACO BELL COMPONENT RELATIONSHIP



CONTROL BOX

TACO BELL'S SUPPLIER OF THE CONTROL BOX IS AIR CARE EXPERTS. UNLESS NOTED OTHERWISE, TBCCB-3-WOS CONTROL BOX TO BEPURCHASED 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

EMAIL: INFO@ACE-EMS.COM PHONE: 949 770 2222 * SESSINE * ENGINEER * BENGINEER * BENGINE

EAM Engineers, Inc.

Electrical and Mechanical Consulting Engineers

180 High Oak Road, Bloomfield Hills, MI 48304
Phone 248.528.2670 Fax 248.528.1642
www.eam-engineers.com eam@eam-engineers.com

Job No.: 273-22035



ARCHITECTS INC. A.I.A

SUITE 265
ROCHESTER HILLS, MI 48307

(248) 524-4700 (248) 524-9746

PROJECT # 21017

PROJECT # 21017									
	DATE	REMARKS							
1	06-07-22	Review							
2	08-15-22	Bids & Permits							

CONTRACT DATE:

BUILDING TYPE: END. MED 40

PLAN VERSION: MARCH 2021 BRAND DESIGNER:

SITE NUMBER:

STORE NUMBER

PA/PM:

DRAWN BY.: JOB NO.:

> GREAT LAKES TACO, LLC Walton Boulevard Pontiac, Michigan 48340

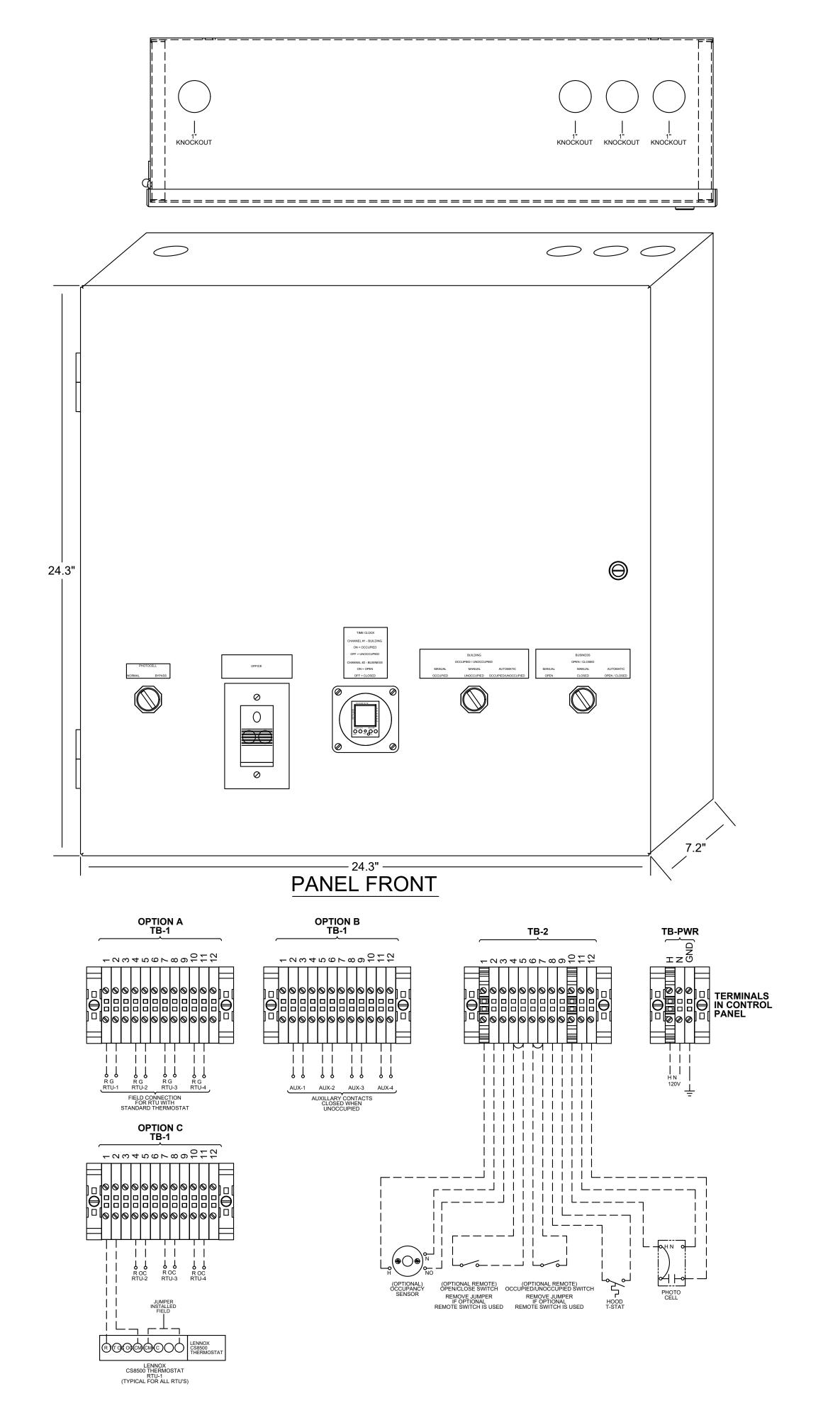


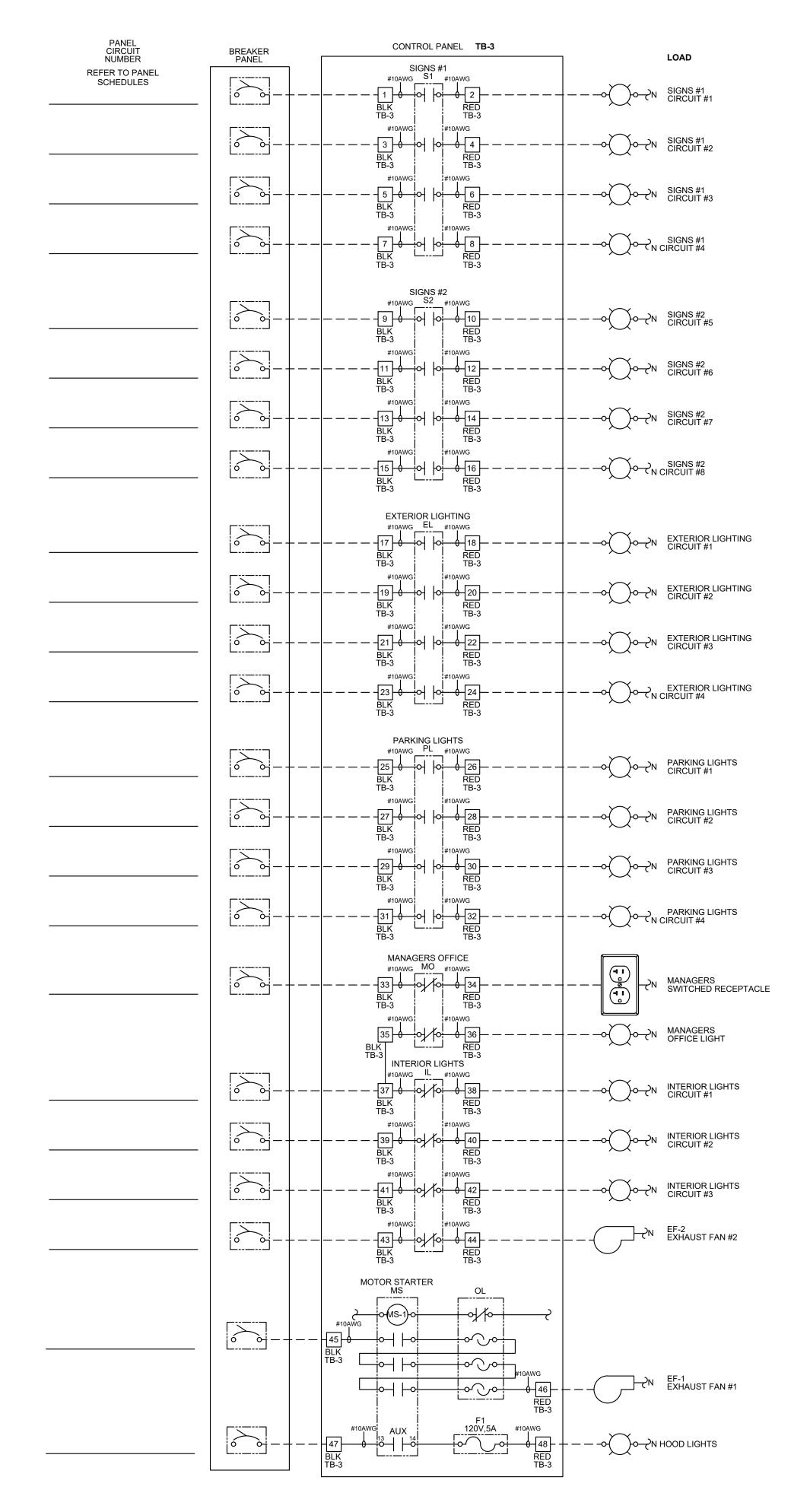
ENDEAVOR 2.0
ELECTRICAL
DETAILS TBCCB

E6.0

PLOT DA

TBCCB-3-WOS





TBCCB-3-WOS

- - - FIELD WIRE BY OTHERS

LISTED

This panel is Listed to applicable UL

1. VISUAL VERIFICATION OF THIS INSTALLATION IS

3. PROTECT INTERIOR FROM METAL SHAVINGS &

CONTROL BOX

TACO BELL'S SUPPLIER OF THE CONTROL BOX IS AIR

TBCCB-3-WOS CONTROL BOX TO BE PURCHASED AND

CARE EXPERTS. UNLESS NOTED OTHERWISE,

INSTALLED BY THE ELECTRICAL CONTRACTOR.

NOTE: TBCCB-3 WOS MAY BE INCLUDED IN THE

TBCCB-3-WOS INCLUDES ALL WIRING AND

PRIMARY CONTACT: CHUCK MCCABE

LIGHTING PACKAGE. ELECTRICAL CONTRACTOR IS

COMPONENTS SHOWN FACTORY INSTALLED WITHIN

REQUIRED. SEE SHEET M5.0

2. PANEL IS SURFACE MOUNT

RESPONSIBLE TO VERIFY.

PHONE: 949 770 2222

EMAIL: INFO@ACE-EMS.COM

THE BOX.

NOTES:

DEBRIS

Standards and requirements by UL. Field wiring or field components are not Listed under this mark.

THIS PANEL ENCLOSURE IS RATED TYPE 1.

TO PRESERVE RATING USE TYPE 1 CONDUIT ENTRY HUBS



EAM Engineers, Inc.

Electrical and Mechanical Consulting Engineers Phone 248.528.2670 Fax 248.528.1642 www.eam-engineers.com ■ eam@eam-engineers.com

Job No.: 273-22035



441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307

(248) 524-4700 (248) 524-9746

PROJECT # 21017

	DATE	REMARKS
1	06-07-22	Review
2	08-15-22	Bids & Permits

CONTRACT DATE:

BUILDING TYPE: END. MED 40

PLAN VERSION: MARCH 2021

BRAND DESIGNER:

SITE NUMBER:

STORE NUMBER: PA/PM:

DRAWN BY.

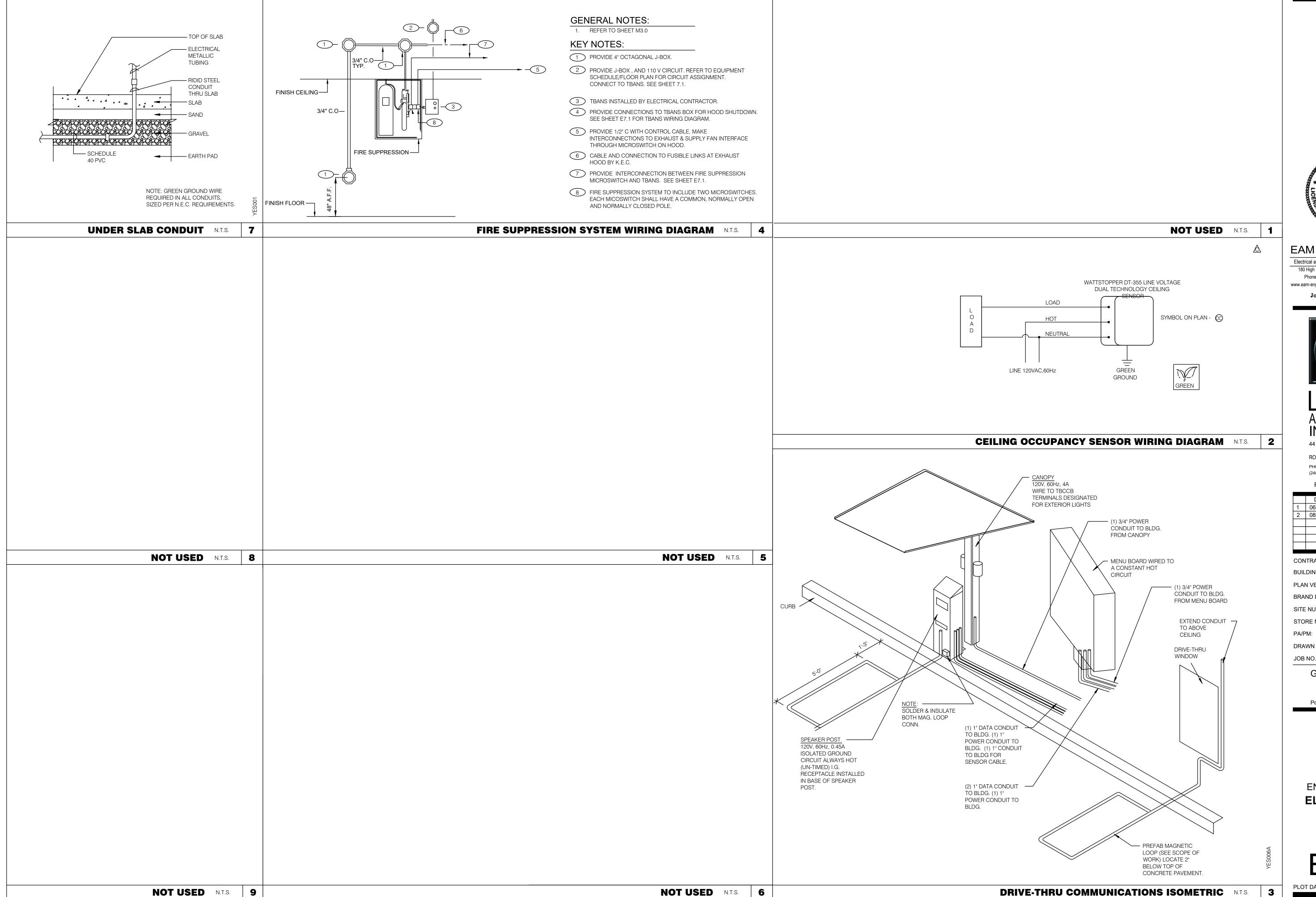
JOB NO.:

GREAT LAKES TACO, LLC Walton Boulevard

Pontiac, Michigan 48340



ENDEAVOR 2.0 ELECTRICAL DETAILS -**TBCCB**





EAM Engineers, Inc.

Phone 248.528.2670 Fax 248.528.1642 www.eam-engineers.com ■ eam@eam-engineers.com

Job No.: 273-22035



441 S. LIVERNOIS ROAD

SUITE 265 ROCHESTER HILLS, MI 48307

> PHONE (248) 524-4700 (248) 524-9746

PROJECT # 21017

1100201 21011							
	DATE	REMARKS					
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CONTRACT DATE:

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STORE NUMBER:

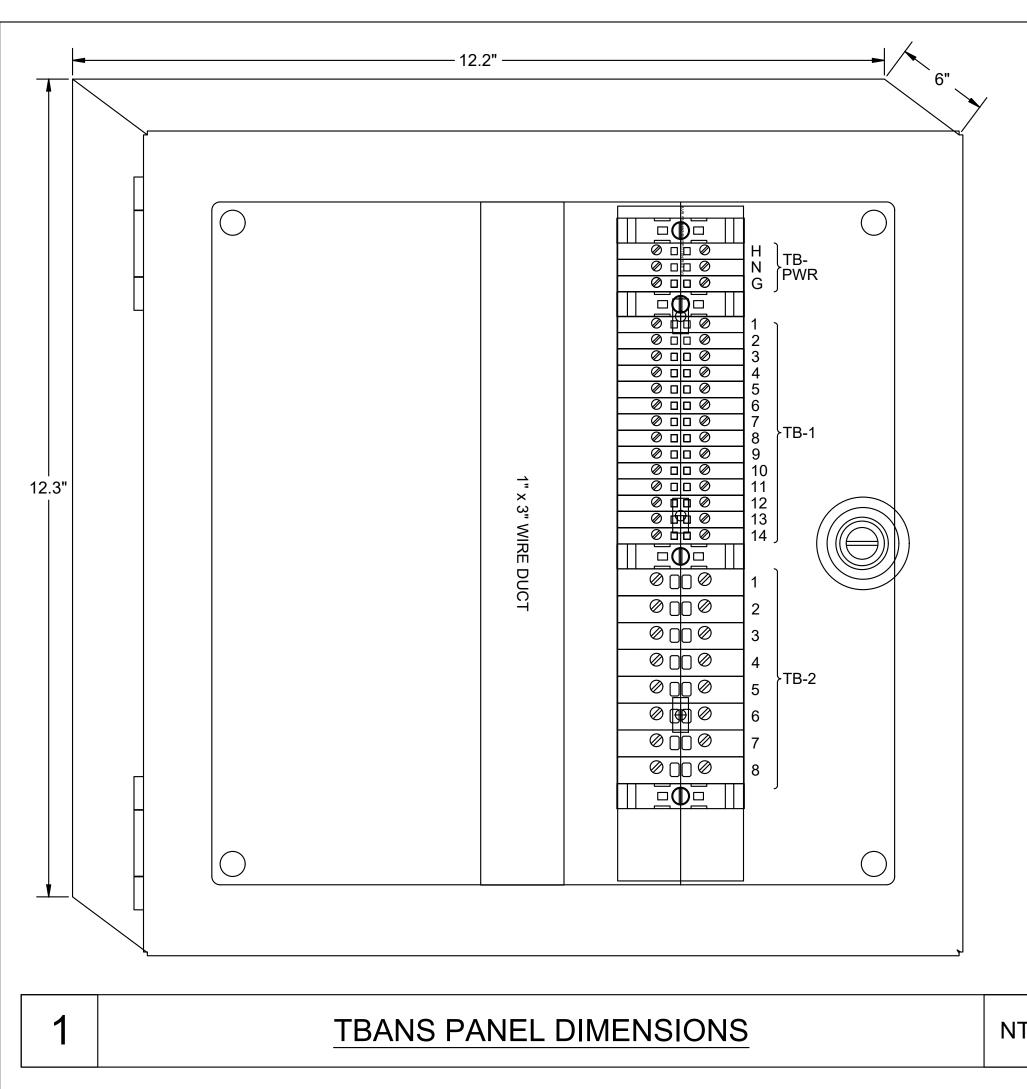
DRAWN BY.:

JOB NO.:

GREAT LAKES TACO, LLC Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 ELECTRICAL DETAILS

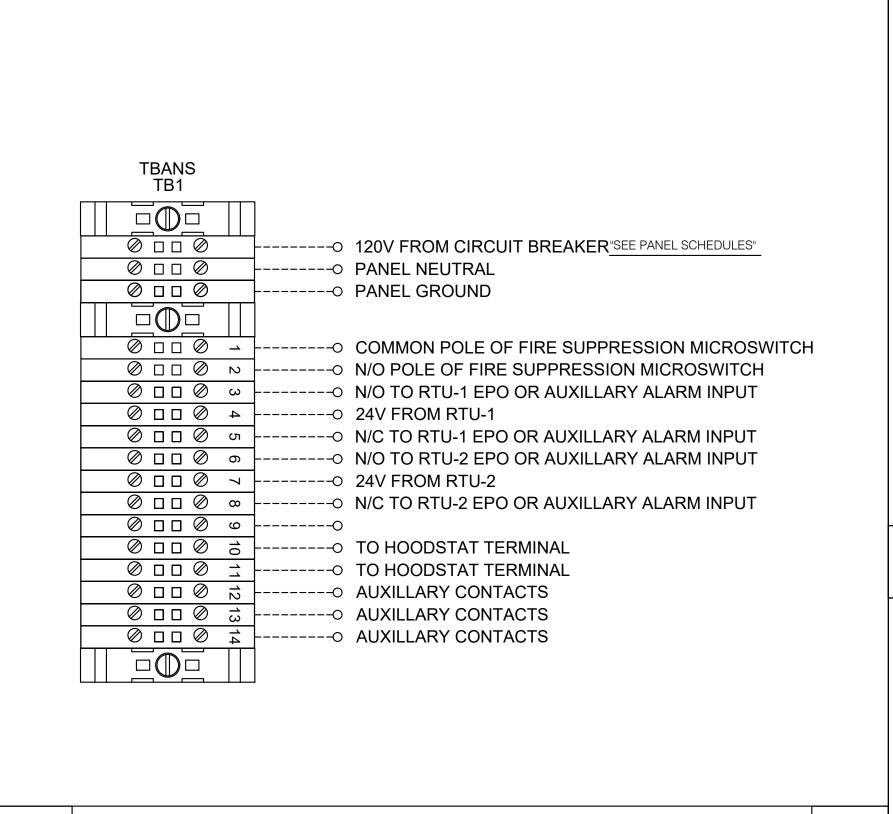


NTS

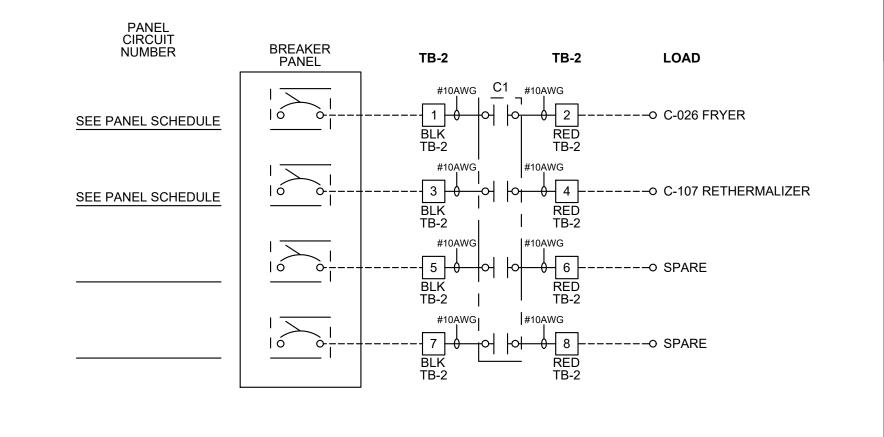
SEQUENCE OF OPERATION: ACTIVATION OF HOOD FIRE SUPPRESSION SYSTEM RELAY SHALL CAUSE TBANS TO DE-ENERGIZE LOAD, THUS REMOVING POWER FROM ALL DEVICES CONNECTED TO EQUIPMENT LOCATED UNDER THE GREASE HOOD.

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 VERN'S** INCLUDES ALL WIRING AND COMPONENTS SHOWN FACTORY INSTALLED WITHIN THE BOX. PRIMARY CONTACT: CHUCK MCCABE PHONE: 949 770 2222 EMAIL: INFO@ACE-EMS.COM

TACO BELL REQUIRES VISUAL **CERTIFICATION OF THIS INSTALLATION** SEE SHEET M5.0 CONTACT CERTIFY@ACE-BCX.COM OR (949)-770-2222



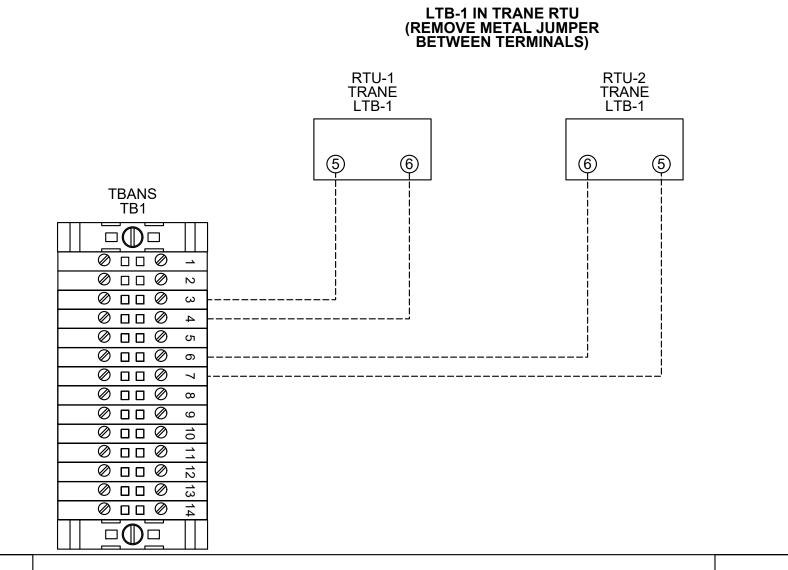
TBANS FIELD CONNECTIONS - VARIOUS 2



TBANS FIELD CONNECTIONS - APPLIANCES

4 NTS

TBANS TO HOODSTAT TO TBCCB

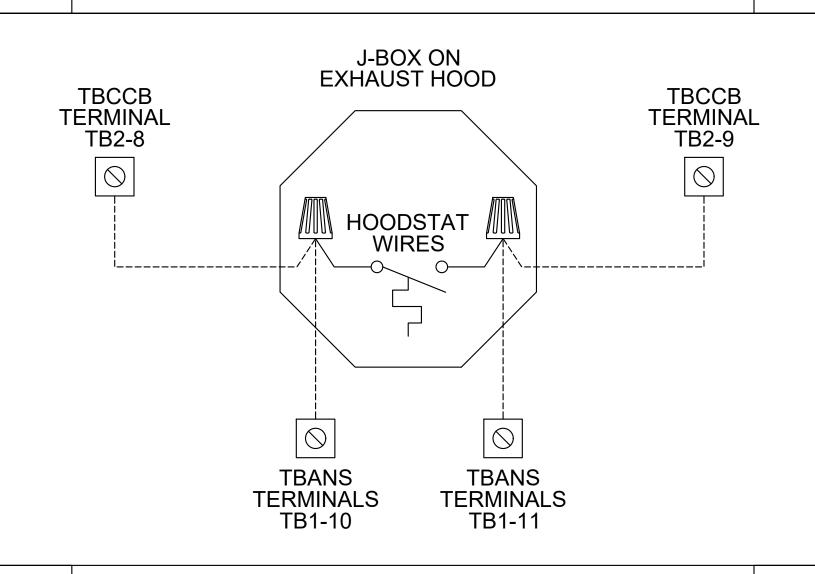


6 TBANS TO TRANE RTU SHUTDOWN

LENNOX PRODIGY

TERMINALS RTU-1 LENNOX PRODIGY RTU-2 LENNOX PRODIGY TERMINAL (SMOKE) TERMINAL (SMOKE) (DI1) R TBANS TB1 0000 -0 0 0 N Ø 🛮 🗎 Ø ω 4 0 0 0 0 0 0 5 Ø 0 0 0 0007 Ø □ □ Ø ∞ ------0 0 0 o 0 0 0 0 0002 00012 **₹ 0 0 0 0**

TBANS TO LENNOX PRODIGY SHUTDOWN



EAM Engineers, Inc.

Electrical and Mechanical Consulting Engineers Phone 248.528.2670 Fax 248.528.1642

NTS



441 S. LIVERNOIS ROAD

SUITE 265 ROCHESTER HILLS, MI 48307 (248) 524-4700 (248) 524-9746

PROJECT # 21017

1103201#21017								
	DATE	REMARKS						
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CONTRACT DATE:

END. MED 40 BUILDING TYPE:

PLAN VERSION: MARCH 2021

BRAND DESIGNER

SITE NUMBER: STORE NUMBER

PA/PM:

DRAWN BY. JOB NO.:

> **GREAT LAKES** TACO, LLC Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 ELECTRICAL DETAILS

NTS

ITLE	DESCRIPTION	SUPPLIER	MANUFACTURER'S MODEL	A&D ITEM #	ORDERED BY	SHIPPED BY	INSTALLED BY	SHOP DRAWINGS
200	Roof Access Ladder & Hatch	Precision	FL 184 (Ladder) & PLHG (Hatch)	B-049 (Ladder) & B-050 (Hatch)	DIS	DIS	GC GC	J. J. DILAWINGS
41	Door - Security	LockNet	DU3670L52VED	- Ladder) & B-050 (Hatch)	RSCS	RSCS	GC	
290-1	Air Curtain (D/T Window)	Marley	E2400-1115FG	B-151	DIS	DIS	GC	
290-2	Air Curtain (Service Door)	Marley	E4200-1175	B-150	DIS	DIS	GC	
	Exterior Digital Menu Board & Optional Digital Preview Board	Everbrite			CM (Company), CM or DIS	Manufacturer	GC - Foundation and Conduit Sign Vendor DMB Ins	х
	Interior Menuboard	Stratacache VGS			(Franchise)	Manufacturer	GC	
	Digital Menu Board	Stratacache	<u></u>		טוט	Manufacturer	GC	
430	Signage (Bldg Signs, Road Signs, Directional Signs)	Cummings Signs	VARIES	VARIES	CM (Company), CM or DIS	Manufacturer	Manufacturer (Local Installer)	x
.00	Signago (Siag Signo, Fload Signo, Sirostronal Signo)	Everbrite (Preferred Supplier)	VARIES	VARIES	(Franchise)	Manaradara	maidiator (Essai nistanor)	
		AGI	4					
Statichiel								
536	Canopies	Cummings Signs	VARIES	VARIES	CM (Company), CM or DIS	Manufacturer	Manufacturer (Local Installer)	X
		Everbrite (Preferred Supplier)	VARIES	VARIES	(Franchise)			
		Adi			-			
810	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				
020-1	Safe	Brinks	Tidel Series 4 (duel single note validator, standard	F-174	СМ	BRINKS	BRINKS	
			side vault)				of Carton	t-
020-2	Security System	Тусо	-	-	CM	Manufacturer	GC	Х
30-1	Drive-thru Window	Quikserv	QKSRVSC4030BR	B-140	RSCS	Manufacturer	GC	
30-3	Drive-thru Clearance Bar	Cummings Signs Everbrite (Preferred Supplier)	-		-CM	Manufacturer	GC	
		AGI	-	<				
30-4	Drive-thru Sensor Loops	ERC Parts Inc.	WX8171	c	Manufacturer	Manufacturer	GC	
100-3	P.O.S.	IBM		VARIES	TB / IT	Manufacturer	SSP	Х
		NCR PAR	*	VARIES	_			
00-4	Credit Card Payment System	Hughes Network Systems		VARIES -	TB / IT	Manufacturer	SSP	
00-4	Order Confirmation Board (OCB)	Delphi Display Systems	P6YUC5STDUSVV1S; P6YOCSSTDUSEN1S	-	DIS		GC (see Scope of Work notes)	
MITOTO TO		Hyperactive	TDMHX2H01TCB;TDMHX1H26	L-090		- manage (CTA)	The second section of the second seco	
		Texas Digital	AVNGE60	L-095				
300-2	Drive-thru Speaker & Microphone	HME	C400005HS3TB; C11422TB	U-011; S-204	DIS	Manufacturer	GC	
300-4	DT Canony	3M Food Services Trad Dept	78691149153; G55HSSINGLE	- V-350	CM, Franchisee or DIS on	Manufacturor	GC (see Scope of Work notes)	Y
500-4	DT Canopy	Cummings Signs Everbrite (Preferred Supplier)	1	- V-030	behalf of Franchisee	ivianulaciulei	GC (see Scope of Work notes)	^
		AGI		-	bondin or i ranomboo			
			1					
100-1	Kitchen Equipment	N. Wasserstrom (Franchise only)	VARIES	VARIES	DIS	DIS	GC (see General Comments)	Х
	OTO WELLOW I	RSCS (Preferred Supplier)	VARIES	VARIES	1516	DIO.		
00-5	GTO with EVO Production Line	Delfield	VARIES	VARIES VARIES	DIS	DIS	GC / Manufacturer (Local Installer)	X
		Duke Carter Hoffman (EvO cabinets)	VARIES VARIES	VARIES	-			
105-3	Kitchen Shelving / Workstations	I.S.S.	VARIES	VARIES	DIS	DIS	GC	
405-4	Walk-In Cooler / Freezer (Panelized)	I.C.S.	VARIES	VARIES	GC	Manufacturer	GC or Manufacturer (up to CM's discretion)	х
	* ** **	Norlake	VARIES	VARIES			30 E	
425	Exhaust Hoods	Stratovent (preferred supplier)	VARIES	VARIES	DIS	DIS	GC	Х
		Gaylord Industries (Boiler hood)	VARIES	VARIES				
430-2	Drink Dispensers / Line Sets	Randell (alternate supplier) Pepsi	VARIES	VARIES	RSCS	Pepsi	Pepsi (Local installer)	3:
435-6	Ice Machines	Manitowoc Ice Inc & Hoshisaki	Manitowac SY-1474C	S-513	DIS	Manufacturer	Manufacturer (Local Installer)	3:
680	Office Computer (Taco System)	En Pointe Global Services	VARIES	F-040, F-060	TB / IT	SSP	SSP	
100-1	Artwork	GFX	VARIES	-	DIS	DIS	GC	
		VGS						
Web arross		Creative Pallete						
00-5	Décor	Custom Seating (Company Supplier, base décor)	VARIES VARIES	e	DIS	DIS	GC	X
		FCI (Company Supplier, base décor)	VARIES		-			
30	Fruitista Machine	Equipment Delivery, Install and Activation	VARIES	VARIES	DIS - Equipment; GC -	DIS	Service Agents - ICEE (East) or RepTec (West)	<u> </u>
		FBD Equipment Manufacturer	VARIES	VARIES	Installation & Setup (notify		,,,,,,,,,,,,,,	
		Cornelius	VARIES	VARIES	vendor 2 weeks from install			
40	Lord Tox	Taco Bell Engineering	VARIES	VARIES	date)	0	00/0	
40	Iced Tea	Pepsi MVE (bulk tank)	E56150000	S-546	DIS	Supplier	GC / Supplier	13:
00	CO2 - Bulk	MVE (bulk tank) NU CO2 (CO2 and service)	VARIES VARIES	S-580 S-580	DIS	פוע	Manufacturer (Local Installer)	
00-4	CCTV	MARTCO	• VALUEO	-	RSCS	MARTCO	MARTCO	х
	Energy/Building Management System	Air Care Experts	TBCCB-Varies		DIS	DIS	GC	
00-1	Lifergy/building Management System	All Gare Experts	12002 141100			DIO	22	
	1985 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Air Care Experts	TBCCB-Varies	<u> </u>	DIS	DIS	GC	8
00-2	Hood Shutdown System	Air Care Experts Air Care Experts		. FI	Contractor	Air Care	GC	
00-2 00-1	Hood Shutdown System Fire Suppression System	Air Care Experts Air Care Experts Ansul	TBCCB-Varies TBANS		Contractor GC	Air Care GC		
00-2 00-1 10	Hood Shutdown System Fire Suppression System Hand Sinks	Air Care Experts Air Care Experts Ansul Aero	TBCCB-Varies TBANS - HS-Mod	- - - N-053	Contractor GC DIS	GC DIS	GC GC (Local Installer) GC	
00-2 00-1 10 70-5	Hood Shutdown System Fire Suppression System Hand Sinks Water Filter	Air Care Experts Air Care Experts Ansul Aero Shurflo	TBCCB-Varies TBANS HS-Mod WB6-M3-22-003	-	Contractor GC DIS DIS	GC DIS Manufacturer	GC	
800-2 900-1 10 170-5	Hood Shutdown System Fire Suppression System Hand Sinks	Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard)	TBCCB-Varies TBANS - HS-Mod	- B-215	Contractor GC DIS	GC DIS	GC GC (Local Installer) GC	
800-1 800-2 900-1 110 170-5 180-3	Hood Shutdown System Fire Suppression System Hand Sinks Water Filter	Air Care Experts Air Care Experts Ansul Aero Shurflo	TBCCB-Varies TBANS HS-Mod WB6-M3-22-003	-	Contractor GC DIS DIS	GC DIS Manufacturer	GC GC (Local Installer) GC	
000-2 000-1 10 170-5 80-3	Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater	Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate)	TBCCB-Varies TBANS HS-Mod WB6-M3-22-003	- B-215	Contractor GC DIS DIS RSCS RSCS Determined by CM or RCM;	GC DIS Manufacturer RSCS RSCS Determine by CM or	GC GC (Local Installer) GC	X
800-2 900-1 10 170-5 180-3	Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater Water softener	Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) Melink Corp/	TBCCB-Varies TBANS HS-Mod WB6-M3-22-003	- B-215	Contractor GC DIS DIS RSCS RSCS Determined by CM or RCM; Approved options - GC	GC DIS Manufacturer RSCS RSCS Determine by CM or RCM; Approved	GC GC (Local Installer) GC GC (see Vendor Scope - Pepsi Drink System) GC GC	X
800-2 900-1 110 170-5 180-3	Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater Water softener HVAC - Test and Balance	Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) Melink Corp/ Air Care Experts	TBCCB-Varies TBANS HS-Mod WB6-M3-22-003	- B-215	Contractor GC DIS DIS RSCS RSCS Determined by CM or RCM;	GC DIS Manufacturer RSCS RSCS Determine by CM or	GC GC (Local Installer) GC GC (see Vendor Scope - Pepsi Drink System) GC GC	X
800-2 900-1 10 170-5 180-3 600-1	Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater Water softener HVAC - Test and Balance Commissioning	Air Care Experts Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) Melink Corp/ Air Care Experts Air Care Experts	TBCCB-Varies TBANS HS-Mod WB6-M3-22-003	- B-215	Contractor GC DIS DIS RSCS RSCS RSCS Determined by CM or RCM; Approved options - GC CM/RCM	GC DIS Manufacturer RSCS RSCS Determine by CM or RCM; Approved options - GC CM/RCM	GC GC (Local Installer) GC GC (see Vendor Scope - Pepsi Drink System) GC GC	X
00-2 00-1 10 70-5 80-3 00-1	Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater Water softener HVAC - Test and Balance Commissioning Visual Verification	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	TBCCB-Varies TBANS HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard)	- B-215	Contractor GC DIS DIS RSCS RSCS Determined by CM or RCM; Approved options - GC CM/RCM GC	GC DIS Manufacturer RSCS RSCS Determine by CM or RCM; Approved options - GC CM/RCM Air Care Experts	GC GC (Local Installer) GC GC (see Vendor Scope - Pepsi Drink System) GC GC	X
00-2 00-1 10 70-5 80-3 00-1	Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater Water softener HVAC - Test and Balance Commissioning	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 Trane (Franchisee Only)	TBCCB-Varies TBANS HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES	- B-215	Contractor GC DIS DIS RSCS RSCS RSCS Determined by CM or RCM; Approved options - GC CM/RCM	GC DIS Manufacturer RSCS RSCS Determine by CM or RCM; Approved options - GC CM/RCM	GC GC (Local Installer) GC GC (see Vendor Scope - Pepsi Drink System) GC GC	X
00-2 00-1 10 70-5 30-3 00-1	Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater Water softener HVAC - Test and Balance Commissioning Visual Verification	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	TBCCB-Varies TBANS HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard)	- B-215	Contractor GC DIS DIS RSCS RSCS Determined by CM or RCM; Approved options - GC CM/RCM GC	GC DIS Manufacturer RSCS RSCS Determine by CM or RCM; Approved options - GC CM/RCM Air Care Experts	GC GC (Local Installer) GC GC (see Vendor Scope - Pepsi Drink System) GC GC	X
00-2 00-1 10 70-5 80-3 00-1	Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater Water softener HVAC - Test and Balance Commissioning Visual Verification	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 Trane (Franchisee Only) Lennox (Company and Franchisee Stores)	TBCCB-Varies TBANS HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES VARIES	- B-215 B-215 	Contractor GC DIS DIS RSCS RSCS Determined by CM or RCM; Approved options - GC CM/RCM GC	GC DIS Manufacturer RSCS RSCS Determine by CM or RCM; Approved options - GC CM/RCM Air Care Experts	GC GC (Local Installer) GC GC (see Vendor Scope - Pepsi Drink System) GC GC	X
00-2 00-1 10 70-5 30-3 00-1	Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater Water softener HVAC - Test and Balance Commissioning Visual Verification HVAC Switchgear - Franchisee	Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) Melink Corp/ Air Care Experts Air Care Experts Air Care Experts Trane (Franchisee Only) Lennox (Company and Franchisee Stores) York international (Franchisee Only) Accuserv Capital Lighting	TBCCB-Varies TBANS HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES VARIES VARIES Square-D and Cutler Hammer Square-D and Cutler Hammer	- B-215 B-215 VARIES	Contractor GC DIS DIS RSCS RSCS RSCS Determined by CM or RCM; Approved options - GC CM/RCM GC GC GC DIS DIS DIS	GC DIS Manufacturer RSCS RSCS Determine by CM or RCM; Approved options - GC CM/RCM Air Care Experts Manufacturer DIS DIS	GC GC (Local Installer) GC GC (see Vendor Scope - Pepsi Drink System) GC GC Determined by GC / CM / RCM GC GC	X
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00-2 00-1 10 70-5 80-3 00-1 00-2 00-3 00-1	Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater Water softener HVAC - Test and Balance Commissioning Visual Verification HVAC Switchgear - Franchisee	Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) Melink Corp/ 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	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 Square-D and Cutler Hammer	- B-215 B-215	Contractor GC DIS DIS RSCS RSCS Determined by CM or RCM; Approved options - GC CM/RCM GC GC GC DIS DIS DIS CG or RSCS (confirm with CM at time of bid)	GC DIS Manufacturer RSCS RSCS Determine by CM or RCM; Approved options - GC CM/RCM Air Care Experts Manufacturer DIS DIS GC	GC GC (Local Installer) GC GC (see Vendor Scope - Pepsi Drink System) GC GC Determined by GC / CM / RCM GC GC GC	X X
00-2 00-1 10 70-5 80-3 00-1	Hood Shutdown System Fire Suppression System Hand Sinks Water Filter Water Heater Water softener HVAC - Test and Balance Commissioning Visual Verification HVAC Switchgear - Franchisee	Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) Melink Corp/ Air Care Experts Air Care Experts Air Care Experts Trane (Franchisee Only) Lennox (Company and Franchisee Stores) York international (Franchisee Only) Accuserv Capital Lighting	TBCCB-Varies TBANS HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES VARIES VARIES Square-D and Cutler Hammer Square-D and Cutler Hammer	- B-215 B-215 VARIES	Contractor GC DIS DIS RSCS RSCS Determined by CM or RCM; Approved options - GC CM/RCM GC GC DIS DIS DIS GC or RSCS (confirm with CM at time of bid) GC or RSCS (confirm with	GC DIS Manufacturer RSCS RSCS Determine by CM or RCM; Approved options - GC CM/RCM Air Care Experts Manufacturer DIS DIS GC	GC GC (Local Installer) GC GC (see Vendor Scope - Pepsi Drink System) GC GC Determined by GC / CM / RCM GC GC GC	X X
00-2 00-1 10 70-5 30-3 00-1 00-2 00-3 00-1	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	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 Trane (Franchisee Only) Lennox (Company and Franchisee Stores) York international (Franchisee Only) Accuserv Capital Lighting Capital Lighting Accuserv	TBCCB-Varies TBANS HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES VARIES VARIES VARIES Square-D and Cutler Hammer	- B-215 B-215	Contractor GC DIS DIS RSCS RSCS RSCS Determined by CM or RCM; Approved options - GC CM/RCM GC GC GC DIS DIS DIS GC or RSCS (confirm with CM at time of bid) GC at time of bid)	GC DIS Manufacturer RSCS RSCS Determine by CM or RCM; Approved options - GC CM/RCM Air Care Experts Manufacturer DIS DIS 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 GC GC GC	X X
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00-2 00-1 10 70-5 80-3 00-1 00-2 00-3 00-1 00-2	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	Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate)	TBCCB-Varies TBANS HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES VARIES VARIES Square-D and Cutler Hammer VARIES VARIES VARIES VARIES VARIES	- B-215 B-215	Contractor GC DIS DIS RSCS RSCS Determined by CM or RCM; Approved options - GC CM/RCM GC GC DIS DIS DIS GC or RSCS (confirm with CM at time of bid) GC at time of bid) DIS DIS CM at time of bid) DIS	GC DIS Manufacturer RSCS RSCS Determine by CM or RCM; Approved options - GC CM/RCM Air Care Experts Manufacturer DIS DIS 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
800-2 900-1 110 170-5 180-3 100-1 100-2 100-3 1700-1 1800-1 1800-2	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	Air Care Experts Ansul Aero Shurflo AO Smith (standard) Bradford White (alternate) Melink Corp/ 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 Capital Lighting Capital Lighting	TBCCB-Varies TBANS HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES VARIES VARIES Square-D and Cutler Hammer	- B-215 B-215	Contractor GC DIS DIS RSCS RSCS RSCS Determined by CM or RCM; Approved options - GC CM/RCM GC GC GC DIS DIS DIS GC or RSCS (confirm with CM at time of bid) GC at time of bid)	GC DIS Manufacturer RSCS RSCS Determine by CM or RCM; Approved options - GC CM/RCM Air Care Experts Manufacturer DIS DIS GC GC DIS	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 GC GC GC	X X X
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800-2 900-1 110 170-5 180-3 100-1 100-2 100-3 100-1 100-2 100-1 100-2 100-1 100-2 100-1	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 Light Fixtures - Site	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 Trane (Franchisee Only) Lennox (Company and Franchisee Stores) York international (Franchisee Only) Accuserv Capital Lighting Capital Lighting Accuserv (all lighting except BOH & restrooms) Capital Lighting Accuserv YUM! Telecom (Company stores)	TBCCB-Varies TBANS HS-Mod WB6-M3-22-003 AO Smith BTH-120 (standard) VARIES VARIES VARIES Square-D and Cutler Hammer Square-D and Cutler Hammer Square-D and Cutler Hammer Square-D and Cutler Hammer VARIES	- B-215 B-215	Contractor GC DIS DIS RSCS RSCS RSCS Determined by CM or RCM; Approved options - GC CM/RCM GC GC DIS DIS DIS GC or RSCS (confirm with CM at time of bid) GC or RSCS (confirm with CM at time of bid) DIS	GC DIS Manufacturer RSCS RSCS Determine by CM or RCM; Approved options - GC CM/RCM Air Care Experts Manufacturer DIS DIS GC GC DIS DIS DIS Manufacturer	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





441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307

(248) 524-4700 (248) 524-9746

PROJECT # 21017

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[
	DATE	REMARKS
- 1		

CONTRACT DATE: BUILDING TYPE: END. MED 40

PLAN VERSION: MARCH 2021 BRAND DESIGNER:

SITE NUMBER: STORE NUMBER:

PA/PM: DRAWN BY.:

JOB NO.: GREAT LAKES TACO, LLC





ENDEAVOR 2.0 SCOPE OF WORK

SW1.0

			Installation Start IIn and Dro Come	micc	ion	inc	T C	ho	الاد	ct		
			Installation, Start Up and Pre-Com	11155								
				Init] = R ial W	_		sible omn				s Agent ition Owner)
	D			11110	iai vi	/ I I C		отпр	icte	u		ing ing A
RTO	Multi-Speed RTU	#		eral	rical	anica	10	ing	ı. Iance			commission tional Veril Contracted
Standard RTU	ti-Spe	Reference #	DDOCECC	GC - General Contractor	EC - Electrica	MC-Mechanica	Contractor	PC-Plumbing	COILLI ACLUI AB-Air Balance	ncy		Comm ctiona Contr
Star	Σ	0.59(075)	PROCESS	GC -	<u>'</u>	S &	Con	PC-F	AB-/	Agency	Remarks	CA Fun
х	х	2	Package Units Reference and abide to all instructions in manufacturers Installation, Startup,			Τ			Т		8	
Х	Х	3	Operation and Maintenance literature Units are set level						ļ.			
X	X		Unit and plenums align to each other Units and plenums are properly sealed to each other									
Х	х	6	All loose shipped components are relocated and installed per manufacturers instructions									
X	Х	7	a) economizer eyebrow, skirts and mist eliminator installed									
X	X	9	b) economizer dampers and linkage installed and operable c) economizer wiring connected and completed									
X	X	10	 d) relief damper or power exhauster installed and operable e) smoke detectors and sample tubes relocated and installed per manufacurers 									
x	X		instructions Utilities are installed and ON to the units		Г				7			
Χ	X	13	a) power on and breakers sized to unit rating				ž.		t			
X	X	14 15	b) phases correct c) gas on									
X	X	16 17	d) gas gooseneck or pipe capacity meets or exceeds unit capacity e) condensate line is piped per plan									
Х	Х	18 19	f) condensate vent is on leaving side of trap]			
х	х	20	No thermostat, smoke detector, remote enunciator or any other wiring runs			T						
х	х	21	though the plenums Manufacturers start up procedure has been followed and all units evaporator fan		1.7							
			operates through all fan stages per manufacturers instructions Manufacturers start up procedure has been followed and all units cycle through									
Х	Х		all heating stages per manufacturers instructions Manufacturers start up procedure has been followed and all units cycle through				,					
Х	Х	23	all cooling stages per manufacturers instructions Manufacturers start up procedure has been followed and all units cycle through									
Х	Х	24	all economizer stages per manufacturers instructions									W
		25 26										
		27 28	Ductwork									
X	X		All ductwork and registers are installed per plan All starters and or take offs are radiused per plan.									
X	X	31	Ductwork from the exhaust register over production line to EF-2 fan base is 100%									
х	Х	32	rigid per plan Balance dampers are in sleeves on axles with locking quadrant, not located in any			<u>. </u>						
X	Х		starter collars, "T"s or "Y"s and located per plan Balance damper handles are flagged to identify their location			_						
		34 35										
Х	Х	36	Economizer All mechanical components related to the economizer have been installed					1				
Х	Χ	38	"Blank off" plate under economizer eyebrow has been installed									
X X	X	40	Barometric relief damper operates freely Input sensors for the Economizer have been properly located and connected to			<u>, , , , , , , , , , , , , , , , , , , </u>						
			the Economizer Economizer has been tested to perform "Free" cooling when ambient conditions									
x	X		are below 55 degrees Mechanical cooling stages on when Economizer cooling is not available			-						
х	х	43	Mechanical cooling stages on with the Economizer cooling when conditioned space temperature rises and requires two stage cooling									
Х	Х	44	Economizer damper positions to minimum damper position when set			L						
		45 46	Smoke Detectors									
X	Х	47	Smoke detector option has been included in package unit			Г		1				
Х	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									
х	х	49										
Х	Х	50	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	X		The supply smoke detector in each unit has been tested for unit shutdown Visual Verification installation certification document has been requested									
X	Х	53	(certify@ace-bcx.com)and completed									
		54	Remote Smoke Detector Enunciators and Resets A remote smoke detector enunciator and reset has been installed in the									
X	X		managers office for each package unit									
x	X	57	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									
		58	smoke detector reset for RTU 1 returns RTU 1 to normal operation RTU 1 return side smoke detector alarm sets off the visual and audible remote									
X	X	180, 280	enunciator alarms and shuts down RTU 1 After triggering RTU 1 return side smoke detector alarm, resetting the remote			-						
Х	Х	59	smoke detector reset for RTU 1 returns RTU 1 to normal operation RTU 2 supply side smoke detector alarm sets off the visual and audible remote									
Х	Х	60	enunciator alarms and shuts down RTU 2									
х	х	61	After triggering RTU 2 supply side smoke detector alarm, resetting the remote smoke detector reset for RTU 2 returns RTU 2 to normal operation									
x	х	67	RTU 2 return side smoke detector alarm sets off the visual and audible remote enunciator alarms and shuts down RTU 2									
х	х	63	After triggering RTU 2 return side smoke detector alarm, resetting the remote smoke detector reset for RTU 2 returns RTU 2 to normal operation									
Х	х	61	Visual Verification installation certification document has been requested									
		65	(certify@ace-bcx.com)and completed			<u></u>		1				
Х	Х	67	Power Exhauster Power Exhauster has been installed									
X	Х	60	Power Exhauster "On" setpoint has been set and turns on and off at correct economizer opening percentage			10		int				

			Installation, Start Up and Pre-Com	11133		1112	5	116	ZIXII.	JL		
	_			Init] = R tial W	lema			Part etec	- Bt.		ng Agent
standard KIU	Multi-Speed RTU	Reference #		GC - General Contractor	EC - Electrical	MC-Mechanical	Contractor	PC-Plumbing	AB-Air Balance	cy		CA-Commissioning Agent
Stanc	Multi	Refer	PROCESS	GC - (Contr	EC - E	MC-N	Conti	PC-PI	AB-A	Agency	Remarks	CA-C
12		69 70	Fire Supression System Shutdown			7						-
_	Х	71	TBANS-1 has been installed per plan location									
X	X		TBANS-1 has dedicated power to terminals TB-PWR TBANS terminals TB1-1 and TB1-2 are wired to "Closed when Cocked" terminals o	f	S.							
X	X		fire suppression system microswitch per detail									
X	X		RTU 1 and RTU 2 low voltage control power is wired through terminals in TBANS-1 If present, electronic gas valve is wired through TBANS									
Х	х	76	If required, TBANS to hoodstat has been wired for EF-1 on during supressant discharge event									
х	х	77	Visual Verification installation certification document has been requested									
		78	(certify@ace-bcx.com)and completed				п					
		79	Thermostat									
х	Х	80										
2 2			Thermostats are wired to package units per thermostat and unit wiring diagrams Package units equiped with two stage cooling have each cooling stage individualy									_
Х	Х	82	wired and controled from their thermostat.									
Х	х	83	Package units equiped with two stage heating have each heating stage individualy wired and controled from their thermostat.									
Χ	X		Thermostats are wired to TBCCB Control Box per Detail on plan sheet E-6									
Х	Х	85	Thermostats are programmed to Taco Bell parameters									
X	X	86	Visual Verification installation certification document has been requested (certify@ace-bcx.com)and completed									
Χ		87	Hoodstat									•
Х	Х		Hoodstat Hoodstat has been installed in duct or hood per plan									
X X	X		Hoodstat is wired to terminals TB2 of the TBCCB Control Box Hoodstat microswitch closes at 85 degrees									
- 18	5.0	92	328.									1
75		93 94	TBCCB & Interlock			-						
х	х	95	Unswitched power is provided to H=HOT and N=Neutral and G=Ground terminals in the TBCCB Control Box									
х	Х		Hoodstat wires are landed on terminals TB2 of the TBCCB Control Box									
Х	х	97	Low voltage wiring has been completed between RTU 1 and TB-1 of the TBCCB Control Box									
х	х	98	Low voltage wiring has been completed between RTU 2 and TB-1 of the TBCCB									
X	X		Control Box Photocell is wired to the TBCCB per detail									
х		100	Any optional switches, if used, have been installed to TBCCB per schematic									
Х	Х	101	"Occupied" and "Unoccupied" times for the building have been programmed into									
			Channel/Switch 1 of the Timeclock in TBCCB Control Box "Open" and "Closed" times for Taco Bell sales have been programmed into									
Х	Х	102	Channel/Switch 2 of the Timeclock in TBCCB Control Box									
х	Х	103	Visual Verification installation certification document has been requested (certify@ace-bcx.com)and completed									
		104 105	Visual Verification									
x	х	106										9.
	95-245		Visual Verification installation certificate has been received for Smoke Detectors Visual Verification installation certificate has been received for Remote Smoke									
		107	Detectors Ennunciators and Resets Visual Verification installation certificate has been received for Thermostat and									
X	Х	108	Remote Sensors installation									
х	Х	109	Visual Verification installation certificate has been received for TBANS-1 installation									
х	Х	110	Visual Verification installation certificate has been received for TBCCB									
х	Х	111	Visual Verification installation certificate has been provided to designated									
		112	authority (Owner, GC, Air Balancing Agency, Commissioning Agency)									
		113	Lighting									
x	х	115										3
X			Interior lights are wired through the TBCCB per plan and schematic Occupancy sensor controlled lighting installed in restrooms									
x		117	Daylighting and dimming box (DDCB-ACI) is installed in jurisdictions requiring									
X		118	daylight harvesting and or dimming of interior lights Photocell is wired to the TBCCB control box per plan and schematic									
X	-		Exterior lights are wired to the TBCCB control box per plan and schematic Sign lights are wired to the TBCCB control box per plan and schematic			-						
Х	Χ	121	TBCCB timeclock is programmed to Taco Bell parameters									
X	Х	122 123	Manual override of TBCCB control box timeclock activates lighting circuits		L							<u>, L</u>
X	X		Commissioning All Visual Verification installation certificates have been received									
^	٨	126										
	1000		Air Balance Supplement Balancing performed in accordance to ASHRAE Standard 111-2008, NEBB, TABB or						-			
X	Х	128	AABC standards									
Х	Х	129	Perform full fan speed adjustments after exhaust fan adjustments and supply air distribution adjustments have been made									
Х	Х	130	Perform outside air adjustment after all other balance adjustments are complete									
х	Х	121										
	X		Perform outside air adjustment at full evaporator fan speed operating point Perform outside air adjustment at medium fan speed operating point									
_	Χ	133	Perform outside air adjustment at low fan speed operating point Verify lobby doors closures have been adjusted for ADA compliance									
X X	X	135	Verify lobby doors closure operation during full economizer function of both									
X		INTO MODEL	package units and note result in air balance report Verify pressure relief system operation in full economizer operation									
X		127	Adjust power exhauster "ON" and "OFF" positions to mitigate door closure issues.									
			Note if no power exhauster is available. Provide copy of air balance report to Commissioning Agent									





441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307

ROCHESTER HILLS, MI 48307

PHONE FAX
(248) 524-4700 (248) 524-9746

PROJECT # 21017

DATE	REMARKS

315286

CONTRACT DATE:

BUILDING TYPE: END. MED 40

PLAN VERSION: MARCH 2021

BRAND DESIGNER: SITE NUMBER:

STORE NUMBER: PA/PM:

PA/PM: DRAWN BY.:

JOB NO.:

GREAT LAKES
TACO, LLC
Walton Boulevard

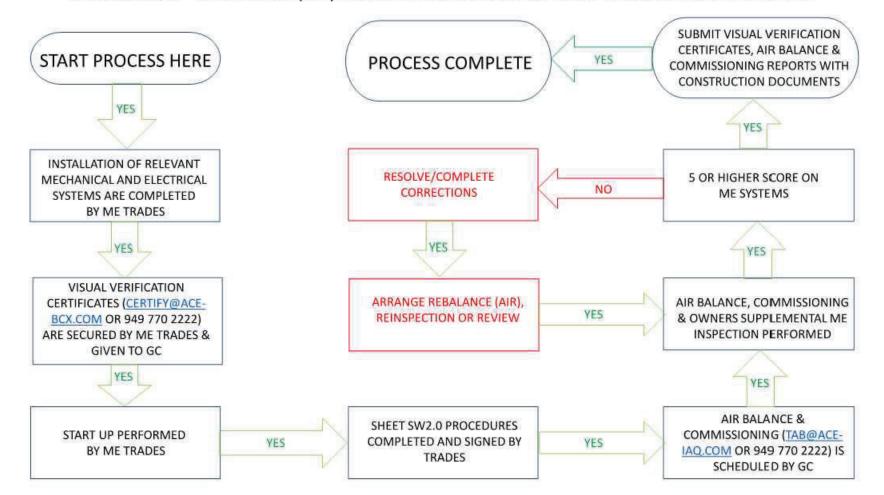
Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0
INSTALLATION
START-UP
PRE-COMM
CHECK LIST

SW2.0

MECHANICAL – ELECTRICAL (ME) BALANCING & COMMISSIONING SEQUENCE & PROCEDURE







ARCHITECTS INC. A.I.A

441 S. LIVERNOIS ROAD SUITE 265 ROCHESTER HILLS, MI 48307

PHONE (248) 524-4700 (248) 524-9746

PROJECT # 21017							
	DATE	REMARKS					

MARCH 2021

CONTRACT DATE: BUILDING TYPE: END. MED 40

PLAN VERSION:

BRAND DESIGNER:

SITE NUMBER:

STORE NUMBER: PA/PM:

DRAWN BY.:

JOB NO.: **GREAT LAKES**

TACO, LLC Walton Boulevard Pontiac, Michigan 48340



ENDEAVOR 2.0 BALANCING AND COMISSIONING **SEQUENCE**